

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/14/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	30.23	29.33	28.77	11.50	3.80	11.54	32.12	34.65	33.71	31.93	34.15	31.41	31.54	31.61	33.28	35.68	39.32	40.76	50.00	49.36	48.82	32.25	22.09	28.10
24138	2.19	2.11	1.86	0.78	0.27	0.83	2.17	2.47	2.55	2.46	2.66	2.56	2.60	2.54	2.54	2.75	3.00	3.14	3.61	3.16	3.04	2.03	1.60	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	30.30	29.39	28.82	11.52	3.81	11.55	32.15	34.69	33.72	31.94	34.16	31.42	31.55	31.66	33.35	35.76	39.40	40.83	50.10	49.49	48.95	32.34	22.14	28.15
24260	2.26	2.18	1.91	0.80	0.28	0.84	2.20	2.51	2.56	2.47	2.67	2.58	2.62	2.59	2.61	2.83	3.09	3.21	3.71	3.28	3.17	2.13	1.65	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	30.30	29.39	28.82	11.52	3.81	11.55	32.15	34.69	33.72	31.94	34.16	31.42	31.55	31.66	33.35	35.76	39.40	40.83	50.10	49.49	48.95	32.34	22.14	28.15
24261	2.26	2.18	1.91	0.80	0.28	0.84	2.20	2.51	2.56	2.47	2.67	2.58	2.62	2.59	2.61	2.83	3.09	3.21	3.71	3.28	3.17	2.13	1.65	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	29.69	28.74	28.31	11.29	3.72	11.34	31.74	34.07	32.63	30.62	32.71	29.94	29.93	30.31	31.98	34.41	38.11	39.96	49.43	49.21	48.63	32.17	21.83	27.56
24011	1.66	1.53	1.39	0.58	0.20	0.64	1.79	1.89	1.47	1.14	1.21	1.09	1.00	1.24	1.25	1.48	1.79	2.34	3.05	3.01	2.85	1.96	1.34	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	29.84	28.88	28.43	11.34	3.74	11.41	31.93	34.27	32.72	30.66	32.77	29.94	29.95	30.32	32.02	34.51	38.22	40.19	49.76	49.55	48.94	32.39	21.93	27.66
23798	1.80	1.67	1.51	0.62	0.22	0.70	1.98	2.09	1.56	1.18	1.28	1.10	1.02	1.25	1.29	1.58	1.91	2.57	3.38	3.35	3.16	2.17	1.44	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.69	28.74	28.31	11.29	3.72	11.34	31.74	34.07	32.63	30.62	32.71	29.94	29.93	30.31	31.98	34.41	38.11	39.96	49.43	49.21	48.63	32.17	21.83	27.56
24028	1.66	1.53	1.39	0.58	0.20	0.64	1.79	1.89	1.47	1.14	1.21	1.09	1.00	1.24	1.25	1.48	1.79	2.34	3.05	3.01	2.85	1.96	1.34	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	29.45	28.54	28.11	11.22	3.70	11.22	31.31	33.52	32.13	30.18	32.26	29.66	29.56	29.73	31.17	33.38	37.09	38.88	48.43	48.06	47.45	31.49	21.59	27.43
23527	1.41	1.33	1.19	0.50	0.17	0.51	1.36	1.33	0.96	0.70	0.76	0.81	0.63	0.65	0.44	0.45	0.77	1.26	2.05	1.85	1.67	1.27	1.09	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	28.51	27.66	27.26	10.88	3.58	10.87	30.29	32.53	31.38	29.62	31.65	29.10	29.10	29.31	30.86	33.04	36.50	37.94	46.84	46.45	45.95	30.45	20.90	26.54
24190	0.48	0.45	0.34	0.16	0.06	0.17	0.34	0.34	0.22	0.14	0.16	0.26	0.16	0.24	0.13	0.11	0.18	0.32	0.45	0.25	0.17	0.24	0.41	0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	27.88	27.10	26.96	10.71	3.51	10.69	30.01	32.22	31.20	29.57	31.61	28.91	29.01	29.07	30.90	33.15	36.51	37.67	46.39	46.48	46.19	30.39	20.39	25.71
355683	-0.16	-0.11	0.04	-0.01	-0.01	-0.02	0.06	0.03	0.04	0.10	0.12	0.07	0.08	0.00	0.17	0.22	0.20	0.05	0.00	0.28	0.41	0.18	-0.11	-0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	29.02	28.15	27.77	11.07	3.65	11.08	30.90	33.11	31.86	30.04	32.03	29.25	29.32	29.64	31.26	33.53	36.98	38.37	47.64	47.40	46.96	31.08	21.27	27.01
323833	0.98	0.94	0.85	0.35	0.12	0.37	0.94	0.93	0.70	0.56	0.54	0.40	0.38	0.57	0.53	0.60	0.67	0.75	1.25	1.19	1.18	0.87	0.78	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	29.01	28.13	27.76	11.07	3.65	11.07	30.88	33.09	31.86	30.03	32.02	29.23	29.31	29.63	31.26	33.52	36.97	38.36	47.62	47.39	46.93	31.07	21.27	27.00
323834	0.97	0.92	0.84	0.35	0.12	0.37	0.93	0.91	0.70	0.56	0.53	0.39	0.37	0.56	0.52	0.59	0.66	0.74	1.23	1.18	1.15	0.86	0.77	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	28.51	27.66	27.26	10.88	3.58	10.87	30.29	32.53	31.38	29.62	31.65	29.10	29.10	29.31	30.86	33.04	36.50	37.94	46.84	46.45	45.95	30.45	20.90	26.54
23571	0.48	0.45	0.34	0.16	0.06	0.17	0.34	0.34	0.22	0.14	0.16	0.26	0.16	0.24	0.13	0.11	0.18	0.32	0.45	0.25	0.17	0.24	0.41	0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	28.51 0.48 0.00	27.66 0.45 0.00	27.26 0.34 0.00	10.88 0.16 0.00	3.58 0.06 0.00	10.87 0.17 0.00	30.29 0.34 0.00	32.53 0.34 0.00	31.38 0.22 0.00	29.62 0.14 0.00	31.65 0.16 0.00	29.10 0.26 0.00	29.10 0.16 0.00	29.31 0.24 0.00	30.86 0.13 0.00	33.04 0.11 0.00	36.50 0.18 0.00	37.94 0.32 0.00	46.84 0.45 0.00	46.45 0.25 0.00	45.95 0.17 0.00	30.45 0.24 0.00	20.90 0.41 0.00	26.54 0.55 0.00
ALBANY___3 23573	28.51 0.48 0.00	27.66 0.45 0.00	27.26 0.34 0.00	10.88 0.16 0.00	3.58 0.06 0.00	10.87 0.17 0.00	30.29 0.34 0.00	32.53 0.34 0.00	31.38 0.22 0.00	29.62 0.14 0.00	31.65 0.16 0.00	29.10 0.26 0.00	29.10 0.16 0.00	29.31 0.24 0.00	30.86 0.13 0.00	33.04 0.11 0.00	36.50 0.18 0.00	37.94 0.32 0.00	46.84 0.45 0.00	46.45 0.25 0.00	45.95 0.17 0.00	30.45 0.24 0.00	20.90 0.41 0.00	26.54 0.55 0.00
ALBANY___4 23574	28.51 0.48 0.00	27.66 0.45 0.00	27.26 0.34 0.00	10.88 0.16 0.00	3.58 0.06 0.00	10.87 0.17 0.00	30.29 0.34 0.00	32.53 0.34 0.00	31.38 0.22 0.00	29.62 0.14 0.00	31.65 0.16 0.00	29.10 0.26 0.00	29.10 0.16 0.00	29.31 0.24 0.00	30.86 0.13 0.00	33.04 0.11 0.00	36.50 0.18 0.00	37.94 0.32 0.00	46.84 0.45 0.00	46.45 0.25 0.00	45.95 0.17 0.00	30.45 0.24 0.00	20.90 0.41 0.00	26.54 0.55 0.00
ALBANY___LFGE 323615	28.77 0.74 0.00	27.91 0.70 0.00	27.50 0.58 0.00	10.97 0.26 0.00	3.62 0.09 0.00	10.97 0.27 0.00	30.58 0.63 0.00	32.84 0.66 0.00	31.68 0.52 0.00	29.90 0.42 0.00	31.95 0.46 0.00	29.38 0.54 0.00	29.38 0.44 0.00	29.62 0.55 0.00	31.19 0.46 0.00	33.38 0.45 0.00	36.88 0.57 0.00	38.36 0.73 0.00	47.37 0.98 0.00	47.00 0.80 0.00	46.48 0.70 0.00	30.79 0.58 0.00	21.12 0.62 0.00	26.80 0.81 0.00
ALCOA_PA_115KV_PL-6C 55860	27.86 -0.18 0.00	27.09 -0.12 0.00	26.96 0.04 0.00	10.71 -0.01 0.00	3.51 -0.02 0.00	10.69 -0.01 0.00	30.13 0.18 0.00	32.34 0.15 0.00	31.29 0.13 0.00	29.64 0.17 0.00	31.68 0.19 0.00	28.97 0.12 0.00	29.06 0.12 0.00	29.10 0.03 0.00	30.98 0.24 0.00	33.25 0.32 0.00	36.61 0.30 0.00	37.65 0.03 0.00	46.40 0.01 0.00	46.49 0.29 0.00	46.23 0.45 0.00	30.41 0.20 0.00	20.38 -0.11 0.00	25.70 -0.29 0.00
ALCOA_RYNLDS___DRP 24188	27.86 -0.18 0.00	27.09 -0.12 0.00	26.96 0.04 0.00	10.71 -0.01 0.00	3.51 -0.02 0.00	10.69 -0.01 0.00	30.13 0.18 0.00	32.34 0.15 0.00	31.29 0.13 0.00	29.64 0.17 0.00	31.68 0.19 0.00	28.97 0.12 0.00	29.06 0.12 0.00	29.10 0.03 0.00	30.98 0.24 0.00	33.25 0.32 0.00	36.61 0.30 0.00	37.65 0.03 0.00	46.40 0.01 0.00	46.49 0.29 0.00	46.23 0.45 0.00	30.41 0.20 0.00	20.38 -0.11 0.00	25.70 -0.29 0.00
ALCOA___DSASP 323711	27.85 -0.19 0.00	27.09 -0.12 0.00	26.96 0.04 0.00	10.71 -0.01 0.00	3.51 -0.02 0.00	10.70 -0.01 0.00	30.13 0.18 0.00	32.34 0.15 0.00	31.30 0.13 0.00	29.64 0.17 0.00	31.68 0.18 0.00	28.97 0.12 0.00	29.06 0.12 0.00	29.10 0.03 0.00	30.97 0.24 0.00	33.25 0.32 0.00	36.61 0.30 0.00	37.65 0.03 0.00	46.40 0.01 0.00	46.50 0.29 0.00	46.23 0.45 0.00	30.41 0.20 0.00	20.38 -0.11 0.00	25.70 -0.29 0.00
ALLEGHENY___COGEN 23514	33.12 -0.68 -5.76	26.54 -0.67 0.00	26.29 -0.62 0.00	10.47 -0.25 0.00	3.45 -0.07 0.00	11.13 -0.15 -0.58	59.38 -0.22 -29.65	80.86 -0.22 -48.90	79.01 -0.17 -48.01	74.04 -0.29 -44.85	75.09 -0.59 -44.19	76.01 -0.70 -47.87	54.63 -0.80 -26.50	70.47 -0.79 -42.20	65.37 -0.80 -35.44	31.94 -0.99 0.00	35.43 -0.89 0.00	36.69 -0.93 0.00	45.27 -1.12 0.00	46.09 -0.11 0.00	45.84 0.06 0.00	30.27 0.06 0.00	20.45 -0.04 0.00	26.41 0.42 0.00
ALTAMONT_115KV_TB 2 55880	28.78 0.74 0.00	27.92 0.71 0.00	27.52 0.60 0.00	10.98 0.26 0.00	3.62 0.09 0.00	10.97 0.27 0.00	30.58 0.63 0.00	32.85 0.66 0.00	31.71 0.55 0.00	29.92 0.45 0.00	31.97 0.48 0.00	29.35 0.51 0.00	29.38 0.45 0.00	29.57 0.49 0.00	31.19 0.46 0.00	33.41 0.48 0.00	36.90 0.58 0.00	38.34 0.71 0.00	47.35 0.96 0.00	47.00 0.80 0.00	46.52 0.74 0.00	30.81 0.59 0.00	21.07 0.58 0.00	26.75 0.76 0.00
ALTONA_WT_PWR 323606	27.96 -0.07 0.00	27.23 0.01 0.00	27.10 0.18 0.00	10.77 0.05 0.00	3.53 0.01 0.00	10.77 0.07 0.00	30.16 0.20 0.00	32.43 0.25 0.00	31.34 0.18 0.00	29.75 0.27 0.00	31.80 0.31 0.00	29.00 0.15 0.00	29.18 0.24 0.00	29.09 0.02 0.00	31.02 0.29 0.00	33.30 0.36 0.00	36.61 0.29 0.00	37.74 0.12 0.00	46.47 0.08 0.00	46.74 0.54 0.00	46.51 0.73 0.00	30.64 0.42 0.00	20.53 0.04 0.00	25.86 -0.13 0.00
AMERICAN_REF_FUEL 24010	24.48 -2.28 1.29	24.86 -2.36 0.00	24.70 -2.21 0.00	9.84 -0.88 0.00	3.24 -0.29 0.00	9.75 -0.83 0.13	21.06 -2.31 6.58	18.71 -2.58 10.89	18.10 -2.36 10.70	17.20 -2.28 10.00	19.18 -2.44 9.88	15.69 -2.48 10.67	20.78 -2.25 5.90	17.49 -2.21 9.37	20.59 -2.24 7.91	30.12 -2.81 0.00	33.16 -3.16 0.00	33.76 -3.86 0.00	41.25 -5.14 0.00	41.64 -4.57 0.00	41.21 -4.57 0.00	27.21 -3.00 0.00	18.46 -2.03 0.00	24.24 -1.75 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.84 -1.88 1.32	25.22 -1.99 0.00	25.14 -1.78 0.00	10.11 -0.61 0.00	3.30 -0.22 0.00	9.88 -0.70 0.13	21.39 -1.79 6.77	19.00 -2.02 11.17	18.55 -1.65 10.97	17.53 -1.66 10.29	19.66 -1.75 10.08	16.16 -1.70 10.98	21.55 -1.35 6.03	18.20 -1.26 9.61	21.80 -0.96 7.97	31.77 -1.17 0.00	34.95 -1.37 0.00	35.86 -1.76 0.00	43.94 -2.45 0.00	44.22 -1.98 0.00	43.75 -2.03 0.00	28.74 -1.47 0.00	19.44 -1.05 0.00	25.19 -0.80 0.00
ARTHUR KILL_GT_1 23520	30.05 2.01 0.00	29.30 2.08 0.00	29.00 2.08 0.00	11.59 0.87 0.00	3.83 0.30 0.00	11.61 0.90 -0.01	32.32 2.36 0.00	37.73 2.59 -2.95	47.80 2.56 -14.07	48.20 2.40 -16.31	48.14 2.60 -14.05	47.50 2.52 -16.13	47.61 2.51 -16.17	47.60 2.41 -16.11	47.67 2.46 -14.48	47.67 2.67 -12.07	47.68 2.91 -8.46	47.69 3.06 -7.01	51.49 3.21 -1.89	48.98 2.77 0.00	48.51 2.73 0.00	40.79 1.83 -8.74	22.01 1.51 0.00	27.97 1.98 0.00
ARTHUR_KILL_2 23512	29.98 1.94 0.00	29.24 2.03 0.00	28.93 2.01 0.00	11.57 0.85 0.00	3.82 0.29 0.00	11.58 0.88 -0.01	32.23 2.28 0.00	37.63 2.49 -2.95	47.70 2.46 -14.07	48.10 2.31 -16.31	48.04 2.50 -14.05	47.40 2.43 -16.13	47.52 2.42 -16.17	47.52 2.34 -16.11	47.58 2.37 -14.48	47.58 2.58 -12.07	47.58 2.81 -8.46	47.58 2.95 -7.01	51.35 3.08 -1.89	48.84 2.63 0.00	48.37 2.59 0.00	40.72 1.77 -8.74	21.96 1.46 0.00	27.90 1.91 0.00
ARTHUR_KILL_3 23513	30.07 2.03 0.00	29.16 1.95 0.00	28.54 1.62 0.00	11.41 0.69 0.00	3.77 0.24 0.00	11.43 0.73 0.00	31.81 1.85 0.00	36.28 2.15 -1.95	42.65 2.22 -9.27	42.34 2.13 -10.74	43.04 2.30 -9.25	41.70 2.24 -10.62	41.88 2.27 -10.64	41.95 2.27 -10.61	42.53 2.26 -9.53	43.35 2.47 -7.95	44.59 2.71 -5.57	45.06 2.82 -4.62	50.87 3.24 -1.24	49.03 2.83 0.00	48.51 2.74 0.00	37.83 1.86 -5.76	21.97 1.47 0.00	27.93 1.94 0.00

ARTHUR_KILL_COGEN 323718	30.05 2.01 0.00	29.31 2.09 0.00	29.00 2.08 0.00	11.59 0.87 0.00	3.83 0.30 0.00	11.61 0.90 -0.01	32.32 2.36 0.00	37.73 2.58 -2.95	47.79 2.55 -14.07	48.19 2.39 -16.31	48.13 2.59 -14.05	47.48 2.51 -16.13	47.60 2.50 -16.17	47.61 2.43 -16.11	47.67 2.47 -14.48	47.68 2.67 -12.07	47.69 2.92 -8.46	47.69 3.06 -7.01	51.49 3.21 -1.89	48.98 2.77 0.00	48.51 2.73 0.00	40.81 1.86 -8.74	22.01 1.51 0.00	27.97 1.98 0.00
ASHOKAN____ 23654	29.97 1.93 0.00	29.02 1.81 0.00	28.53 1.61 0.00	11.39 0.67 0.00	3.76 0.23 0.00	11.41 0.70 0.00	31.87 1.91 0.00	34.35 2.16 0.00	33.23 2.07 0.00	31.47 2.00 0.00	33.51 2.01 0.00	30.72 1.87 0.00	30.85 1.91 0.00	31.11 2.04 0.00	32.87 2.14 0.00	35.20 2.27 0.00	38.74 2.42 0.00	40.14 2.52 0.00	49.72 3.33 0.00	49.36 3.16 0.00	48.90 3.12 0.00	32.25 2.04 0.00	22.03 1.54 0.00	27.91 1.92 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.18 2.15 0.00	29.27 2.06 0.00	28.63 1.72 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.90 1.95 0.00	34.43 2.24 0.00	33.45 2.29 0.00	31.63 2.16 0.00	33.89 2.40 0.00	31.18 2.33 0.00	31.29 2.35 0.00	31.38 2.31 0.00	33.04 2.31 0.00	35.46 2.53 0.00	38.98 2.66 0.00	40.41 2.79 0.00	49.58 3.19 0.00	48.88 2.67 0.00	48.42 2.65 0.00	32.03 1.82 0.00	21.91 1.42 0.00	27.83 1.84 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.18 2.15 0.00	29.27 2.06 0.00	28.63 1.72 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.47 0.76 -0.01	31.90 1.95 0.00	34.43 2.24 0.00	33.45 2.29 0.00	31.63 2.16 0.00	33.89 2.40 0.00	31.18 2.33 0.00	31.29 2.35 0.00	31.39 2.31 0.00	33.04 2.31 0.00	35.46 2.53 0.00	38.98 2.66 0.00	40.41 2.79 0.00	49.58 3.19 0.00	48.88 2.67 0.00	48.42 2.65 0.00	32.03 1.82 0.00	21.91 1.42 0.00	27.83 1.84 0.00
ASTORIA_GT2_1 24094	30.18 2.14 0.00	29.26 2.04 0.00	28.63 1.72 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.92 1.97 0.00	34.45 2.26 0.00	33.48 2.32 0.00	31.65 2.18 0.00	33.91 2.42 0.00	31.22 2.37 0.00	31.30 2.36 0.00	31.42 2.35 0.00	33.07 2.34 0.00	35.48 2.54 0.00	39.00 2.68 0.00	40.42 2.81 0.00	49.60 3.21 0.00	48.89 2.69 0.00	48.43 2.66 0.00	32.04 1.82 0.00	21.92 1.43 0.00	27.84 1.86 0.00
ASTORIA_GT2_2 24095	30.18 2.14 0.00	29.26 2.04 0.00	28.63 1.72 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.92 1.97 0.00	34.45 2.26 0.00	33.48 2.32 0.00	31.65 2.18 0.00	33.91 2.42 0.00	31.22 2.37 0.00	31.30 2.36 0.00	31.42 2.35 0.00	33.07 2.34 0.00	35.48 2.54 0.00	39.00 2.68 0.00	40.42 2.81 0.00	49.60 3.21 0.00	48.89 2.69 0.00	48.43 2.66 0.00	32.04 1.82 0.00	21.92 1.43 0.00	27.84 1.86 0.00
ASTORIA_GT2_3 24096	30.18 2.14 0.00	29.26 2.04 0.00	28.63 1.72 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.92 1.97 0.00	34.45 2.26 0.00	33.48 2.32 0.00	31.65 2.18 0.00	33.91 2.42 0.00	31.22 2.37 0.00	31.30 2.36 0.00	31.42 2.35 0.00	33.07 2.34 0.00	35.48 2.54 0.00	39.00 2.68 0.00	40.42 2.81 0.00	49.60 3.21 0.00	48.89 2.69 0.00	48.43 2.66 0.00	32.04 1.82 0.00	21.92 1.43 0.00	27.84 1.86 0.00
ASTORIA_GT2_4 24097	30.18 2.14 0.00	29.26 2.04 0.00	28.63 1.72 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.92 1.97 0.00	34.45 2.26 0.00	33.48 2.32 0.00	31.65 2.18 0.00	33.91 2.42 0.00	31.22 2.37 0.00	31.30 2.36 0.00	31.42 2.35 0.00	33.07 2.34 0.00	35.48 2.54 0.00	39.00 2.68 0.00	40.42 2.81 0.00	49.60 3.21 0.00	48.89 2.69 0.00	48.43 2.66 0.00	32.04 1.82 0.00	21.92 1.43 0.00	27.84 1.86 0.00
ASTORIA_GT3_1 24098	30.18 2.14 0.00	29.26 2.04 0.00	28.63 1.72 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.92 1.97 0.00	34.45 2.26 0.00	33.48 2.32 0.00	31.65 2.18 0.00	33.91 2.42 0.00	31.22 2.37 0.00	31.30 2.36 0.00	31.42 2.35 0.00	33.07 2.34 0.00	35.48 2.54 0.00	39.00 2.68 0.00	40.42 2.81 0.00	49.60 3.21 0.00	48.89 2.69 0.00	48.43 2.66 0.00	32.04 1.82 0.00	21.92 1.43 0.00	27.84 1.86 0.00
ASTORIA_GT3_2 24099	30.18 2.14 0.00	29.26 2.04 0.00	28.63 1.72 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.92 1.97 0.00	34.45 2.26 0.00	33.48 2.32 0.00	31.65 2.18 0.00	33.91 2.42 0.00	31.22 2.37 0.00	31.30 2.36 0.00	31.42 2.35 0.00	33.07 2.34 0.00	35.48 2.54 0.00	39.00 2.68 0.00	40.42 2.81 0.00	49.60 3.21 0.00	48.89 2.69 0.00	48.43 2.66 0.00	32.04 1.82 0.00	21.92 1.43 0.00	27.84 1.86 0.00
ASTORIA_GT3_3 24100	30.18 2.14 0.00	29.26 2.04 0.00	28.63 1.72 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.92 1.97 0.00	34.45 2.26 0.00	33.48 2.32 0.00	31.65 2.18 0.00	33.91 2.42 0.00	31.22 2.37 0.00	31.30 2.36 0.00	31.42 2.35 0.00	33.07 2.34 0.00	35.48 2.54 0.00	39.00 2.68 0.00	40.42 2.81 0.00	49.60 3.21 0.00	48.89 2.69 0.00	48.43 2.66 0.00	32.04 1.82 0.00	21.92 1.43 0.00	27.84 1.86 0.00
ASTORIA_GT3_4 24101	30.18 2.14 0.00	29.26 2.04 0.00	28.63 1.72 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.92 1.97 0.00	34.45 2.26 0.00	33.48 2.32 0.00	31.65 2.18 0.00	33.91 2.42 0.00	31.22 2.37 0.00	31.30 2.36 0.00	31.42 2.35 0.00	33.07 2.34 0.00	35.48 2.54 0.00	39.00 2.68 0.00	40.42 2.81 0.00	49.60 3.21 0.00	48.89 2.69 0.00	48.43 2.66 0.00	32.04 1.82 0.00	21.92 1.43 0.00	27.84 1.86 0.00
ASTORIA_GT4_1 24102	30.18 2.14 0.00	29.26 2.04 0.00	28.63 1.72 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.92 1.97 0.00	34.45 2.26 0.00	33.48 2.32 0.00	31.65 2.18 0.00	33.91 2.42 0.00	31.22 2.37 0.00	31.30 2.36 0.00	31.42 2.35 0.00	33.07 2.34 0.00	35.48 2.54 0.00	39.00 2.68 0.00	40.42 2.81 0.00	49.60 3.21 0.00	48.89 2.69 0.00	48.43 2.66 0.00	32.04 1.82 0.00	21.92 1.43 0.00	27.84 1.86 0.00
ASTORIA_GT4_2 24103	30.18 2.14 0.00	29.26 2.04 0.00	28.63 1.72 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.92 1.97 0.00	34.45 2.26 0.00	33.48 2.32 0.00	31.65 2.18 0.00	33.91 2.42 0.00	31.22 2.37 0.00	31.30 2.36 0.00	31.42 2.35 0.00	33.07 2.34 0.00	35.48 2.54 0.00	39.00 2.68 0.00	40.42 2.81 0.00	49.60 3.21 0.00	48.89 2.69 0.00	48.43 2.66 0.00	32.04 1.82 0.00	21.92 1.43 0.00	27.84 1.86 0.00
ASTORIA_GT4_3 24104	30.18 2.14 0.00	29.26 2.04 0.00	28.63 1.72 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.92 1.97 0.00	34.45 2.26 0.00	33.48 2.32 0.00	31.65 2.18 0.00	33.91 2.42 0.00	31.22 2.37 0.00	31.30 2.36 0.00	31.42 2.35 0.00	33.07 2.34 0.00	35.48 2.54 0.00	39.00 2.68 0.00	40.42 2.81 0.00	49.60 3.21 0.00	48.89 2.69 0.00	48.43 2.66 0.00	32.04 1.82 0.00	21.92 1.43 0.00	27.84 1.86 0.00

ASTORIA_GT4_4 24105	30.18 2.14 0.00	29.26 2.04 0.00	28.63 1.72 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.92 1.97 0.00	34.45 2.26 0.00	33.48 2.32 0.00	31.65 2.18 0.00	33.91 2.42 0.00	31.22 2.37 0.00	31.30 2.36 0.00	31.42 2.35 0.00	33.07 2.34 0.00	35.48 2.54 0.00	39.00 2.68 0.00	40.42 2.81 0.00	49.60 3.21 0.00	48.89 2.69 0.00	48.43 2.66 0.00	32.04 1.82 0.00	21.92 1.43 0.00	27.84 1.86 0.00
ASTORIA_GT_1 23523	30.22 2.19 0.00	29.30 2.08 0.00	28.68 1.76 0.00	11.47 0.75 0.00	3.79 0.26 0.00	11.49 0.78 -0.01	31.97 2.01 0.00	34.50 2.32 0.00	33.54 2.38 0.00	31.71 2.23 0.00	33.98 2.49 0.00	31.28 2.43 0.00	31.36 2.42 0.00	31.48 2.40 0.00	33.13 2.40 0.00	35.54 2.61 0.00	39.06 2.74 0.00	40.50 2.87 0.00	49.69 3.30 0.00	48.99 2.78 0.00	48.52 2.75 0.00	32.09 1.88 0.00	21.95 1.46 0.00	27.88 1.90 0.00
ASTORIA_GT_10 24110	30.18 2.14 0.00	29.29 2.08 0.00	28.72 1.80 0.00	11.48 0.77 0.00	3.80 0.27 0.00	11.52 0.80 -0.01	32.00 2.05 0.00	34.51 2.33 0.00	33.55 2.39 0.00	31.79 2.31 0.00	34.00 2.51 0.00	31.30 2.45 0.00	31.41 2.47 0.00	31.52 2.45 0.00	33.18 2.45 0.00	35.58 2.65 0.00	39.17 2.85 0.00	40.59 2.97 0.00	49.78 3.39 0.00	49.14 2.94 0.00	48.63 2.85 0.00	32.16 1.94 0.00	22.04 1.55 0.00	28.00 2.01 0.00
ASTORIA_GT_11 24225	30.18 2.14 0.00	29.29 2.08 0.00	28.72 1.80 0.00	11.48 0.77 0.00	3.80 0.27 0.00	11.52 0.80 -0.01	32.00 2.05 0.00	34.51 2.33 0.00	33.55 2.39 0.00	31.79 2.31 0.00	34.00 2.51 0.00	31.30 2.45 0.00	31.41 2.47 0.00	31.52 2.45 0.00	33.18 2.45 0.00	35.58 2.65 0.00	39.17 2.85 0.00	40.59 2.97 0.00	49.78 3.39 0.00	49.14 2.94 0.00	48.63 2.85 0.00	32.16 1.94 0.00	22.04 1.55 0.00	28.00 2.01 0.00
ASTORIA_GT_12 24226	30.18 2.14 0.00	29.29 2.08 0.00	28.72 1.80 0.00	11.48 0.77 0.00	3.80 0.27 0.00	11.52 0.80 -0.01	32.00 2.05 0.00	34.51 2.33 0.00	33.55 2.39 0.00	31.79 2.31 0.00	34.00 2.51 0.00	31.30 2.45 0.00	31.41 2.47 0.00	31.52 2.45 0.00	33.18 2.45 0.00	35.58 2.65 0.00	39.17 2.85 0.00	40.59 2.97 0.00	49.78 3.39 0.00	49.14 2.94 0.00	48.63 2.85 0.00	32.16 1.94 0.00	22.04 1.55 0.00	28.00 2.01 0.00
ASTORIA_GT_13 24227	30.18 2.14 0.00	29.29 2.08 0.00	28.72 1.80 0.00	11.48 0.77 0.00	3.80 0.27 0.00	11.52 0.80 -0.01	32.00 2.05 0.00	34.51 2.33 0.00	33.55 2.39 0.00	31.79 2.31 0.00	34.00 2.51 0.00	31.30 2.45 0.00	31.41 2.47 0.00	31.52 2.45 0.00	33.18 2.45 0.00	35.58 2.65 0.00	39.17 2.85 0.00	40.59 2.97 0.00	49.78 3.39 0.00	49.14 2.94 0.00	48.63 2.85 0.00	32.16 1.94 0.00	22.04 1.55 0.00	28.00 2.01 0.00
ASTORIA_GT_5 24106	30.22 2.19 0.00	29.30 2.08 0.00	28.68 1.76 0.00	11.47 0.75 0.00	3.79 0.26 0.00	11.49 0.78 -0.01	31.97 2.01 0.00	34.50 2.32 0.00	33.54 2.38 0.00	31.71 2.23 0.00	33.98 2.49 0.00	31.28 2.43 0.00	31.36 2.42 0.00	31.48 2.40 0.00	33.13 2.40 0.00	35.54 2.61 0.00	39.06 2.74 0.00	40.50 2.87 0.00	49.69 3.30 0.00	48.99 2.78 0.00	48.52 2.75 0.00	32.09 1.88 0.00	21.95 1.46 0.00	27.88 1.90 0.00
ASTORIA_GT_7 24107	30.22 2.19 0.00	29.30 2.08 0.00	28.68 1.76 0.00	11.47 0.75 0.00	3.79 0.26 0.00	11.49 0.78 -0.01	31.97 2.01 0.00	34.50 2.32 0.00	33.54 2.38 0.00	31.71 2.23 0.00	33.98 2.49 0.00	31.28 2.43 0.00	31.36 2.42 0.00	31.48 2.40 0.00	33.13 2.40 0.00	35.54 2.61 0.00	39.06 2.74 0.00	40.50 2.87 0.00	49.69 3.30 0.00	48.99 2.78 0.00	48.52 2.75 0.00	32.09 1.88 0.00	21.95 1.46 0.00	27.88 1.90 0.00
ASTORIA_GT_8 24108	30.22 2.19 0.00	29.30 2.08 0.00	28.68 1.76 0.00	11.47 0.75 0.00	3.79 0.26 0.00	11.49 0.78 -0.01	31.97 2.01 0.00	34.50 2.32 0.00	33.54 2.38 0.00	31.71 2.23 0.00	33.98 2.49 0.00	31.28 2.43 0.00	31.36 2.42 0.00	31.48 2.40 0.00	33.13 2.40 0.00	35.54 2.61 0.00	39.06 2.74 0.00	40.50 2.87 0.00	49.69 3.30 0.00	48.99 2.78 0.00	48.52 2.75 0.00	32.09 1.88 0.00	21.95 1.46 0.00	27.88 1.90 0.00
ASTORIA___2 24149	30.20 2.16 0.00	29.29 2.07 0.00	28.64 1.72 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.92 1.96 0.00	34.44 2.26 0.00	33.47 2.31 0.00	31.64 2.17 0.00	33.91 2.42 0.00	31.19 2.34 0.00	31.29 2.35 0.00	31.40 2.33 0.00	33.07 2.33 0.00	35.47 2.54 0.00	39.00 2.68 0.00	40.42 2.81 0.00	49.60 3.21 0.00	48.90 2.70 0.00	48.44 2.66 0.00	32.04 1.83 0.00	21.92 1.43 0.00	27.84 1.85 0.00
ASTORIA___3 23516	30.19 2.16 0.00	29.30 2.09 0.00	28.72 1.80 0.00	11.48 0.76 0.00	3.80 0.27 0.00	11.52 0.80 -0.01	32.00 2.05 0.00	34.50 2.32 0.00	33.54 2.38 0.00	31.77 2.29 0.00	33.99 2.50 0.00	31.28 2.43 0.00	31.40 2.46 0.00	31.50 2.43 0.00	33.18 2.45 0.00	35.58 2.65 0.00	39.17 2.85 0.00	40.59 2.97 0.00	49.77 3.38 0.00	49.15 2.94 0.00	48.63 2.86 0.00	32.16 1.95 0.00	22.04 1.55 0.00	28.00 2.01 0.00
ASTORIA___4 23517	30.18 2.14 0.00	29.29 2.08 0.00	28.72 1.80 0.00	11.48 0.77 0.00	3.80 0.27 0.00	11.52 0.80 -0.01	32.00 2.05 0.00	34.51 2.33 0.00	33.55 2.39 0.00	31.79 2.31 0.00	34.00 2.51 0.00	31.30 2.45 0.00	31.41 2.47 0.00	31.52 2.45 0.00	33.18 2.45 0.00	35.58 2.65 0.00	39.17 2.85 0.00	40.59 2.97 0.00	49.78 3.39 0.00	49.14 2.94 0.00	48.63 2.85 0.00	32.16 1.94 0.00	22.04 1.55 0.00	28.00 2.01 0.00
ASTORIA___5 23518	30.19 2.16 0.00	29.30 2.09 0.00	28.72 1.80 0.00	11.48 0.76 0.00	3.80 0.27 0.00	11.52 0.80 -0.01	32.00 2.05 0.00	34.50 2.32 0.00	33.54 2.38 0.00	31.77 2.29 0.00	33.99 2.50 0.00	31.28 2.43 0.00	31.40 2.46 0.00	31.50 2.43 0.00	33.18 2.45 0.00	35.58 2.65 0.00	39.17 2.85 0.00	40.59 2.97 0.00	49.77 3.38 0.00	49.15 2.94 0.00	48.63 2.86 0.00	32.16 1.95 0.00	22.04 1.55 0.00	28.00 2.01 0.00
AST_ENERGY_2_CC3 323677	30.08 2.04 0.00	29.19 1.98 0.00	28.61 1.69 0.00	11.44 0.72 0.00	3.78 0.25 0.00	11.46 0.76 0.00	31.86 1.91 0.00	34.37 2.18 0.00	33.41 2.24 0.00	31.63 2.15 0.00	33.82 2.33 0.00	31.13 2.28 0.00	31.26 2.33 0.00	31.35 2.28 0.00	33.01 2.27 0.00	35.40 2.47 0.00	39.01 2.69 0.00	40.42 2.80 0.00	49.60 3.21 0.00	48.98 2.78 0.00	48.46 2.68 0.00	32.03 1.82 0.00	21.95 1.46 0.00	27.92 1.94 0.00
AST_ENERGY_2_CC4 323678	30.08 2.04 0.00	29.19 1.98 0.00	28.61 1.69 0.00	11.44 0.72 0.00	3.78 0.25 0.00	11.46 0.76 0.00	31.86 1.91 0.00	34.37 2.18 0.00	33.41 2.24 0.00	31.63 2.15 0.00	33.82 2.33 0.00	31.13 2.28 0.00	31.26 2.33 0.00	31.35 2.28 0.00	33.01 2.27 0.00	35.40 2.47 0.00	39.01 2.69 0.00	40.42 2.80 0.00	49.60 3.21 0.00	48.98 2.78 0.00	48.46 2.68 0.00	32.03 1.82 0.00	21.95 1.46 0.00	27.92 1.94 0.00

ATHENS_STG_1 23668	28.96 0.92 0.00	28.11 0.90 0.00	27.68 0.76 0.00	11.04 0.32 0.00	3.64 0.11 0.00	11.03 0.33 0.00	30.69 0.73 0.00	32.98 0.79 0.00	31.90 0.74 0.00	30.15 0.67 0.00	32.22 0.73 0.00	29.62 0.77 0.00	29.69 0.75 0.00	29.82 0.75 0.00	31.43 0.70 0.00	33.70 0.76 0.00	37.19 0.87 0.00	38.59 0.97 0.00	47.60 1.21 0.00	47.15 0.94 0.00	46.66 0.88 0.00	30.88 0.67 0.00	21.16 0.67 0.00	26.87 0.89 0.00
ATHENS_STG_2 23670	28.96 0.92 0.00	28.11 0.90 0.00	27.68 0.76 0.00	11.04 0.32 0.00	3.64 0.11 0.00	11.03 0.33 0.00	30.69 0.73 0.00	32.98 0.79 0.00	31.90 0.74 0.00	30.15 0.67 0.00	32.22 0.73 0.00	29.62 0.77 0.00	29.69 0.75 0.00	29.82 0.75 0.00	31.43 0.70 0.00	33.70 0.76 0.00	37.19 0.87 0.00	38.59 0.97 0.00	47.60 1.21 0.00	47.15 0.94 0.00	46.66 0.88 0.00	30.88 0.67 0.00	21.16 0.67 0.00	26.87 0.89 0.00
ATHENS_STG_3 23677	28.96 0.92 0.00	28.11 0.90 0.00	27.68 0.76 0.00	11.04 0.32 0.00	3.64 0.11 0.00	11.03 0.33 0.00	30.69 0.73 0.00	32.98 0.79 0.00	31.90 0.74 0.00	30.15 0.67 0.00	32.22 0.73 0.00	29.62 0.77 0.00	29.69 0.75 0.00	29.82 0.75 0.00	31.43 0.70 0.00	33.70 0.76 0.00	37.19 0.87 0.00	38.59 0.97 0.00	47.60 1.21 0.00	47.15 0.94 0.00	46.66 0.88 0.00	30.88 0.67 0.00	21.16 0.67 0.00	26.87 0.89 0.00
AUBURN____LFGE 323710	27.83 -0.21 0.00	27.03 -0.19 0.00	26.71 -0.21 0.00	10.64 -0.08 0.00	3.51 -0.02 0.00	10.64 -0.06 0.00	29.72 -0.23 0.00	32.00 -0.19 0.00	31.00 -0.16 0.00	29.33 -0.15 0.00	31.27 -0.22 0.00	28.55 -0.29 0.00	28.70 -0.23 0.00	28.74 -0.33 0.00	30.49 -0.24 0.00	32.64 -0.29 0.00	36.00 -0.31 0.00	37.37 -0.25 0.00	46.10 -0.29 0.00	45.82 -0.39 0.00	45.49 -0.29 0.00	30.04 -0.17 0.00	20.39 -0.10 0.00	26.06 0.07 0.00
BABYLON_RES_REC 323704	54.80 2.82 -23.95	46.66 2.73 -16.71	33.05 2.46 -3.67	15.29 1.01 -3.56	24.94 0.35 -21.06	54.88 1.06 -43.12	50.92 2.82 -18.14	35.25 3.06 0.00	34.27 3.10 -0.02	32.94 2.60 -0.86	45.83 2.93 -11.42	47.80 2.74 -16.21	50.84 2.76 -19.14	51.67 2.71 -19.89	53.91 2.69 -20.48	46.48 2.90 -10.66	45.02 3.10 -5.61	43.73 3.03 -3.07	52.50 3.63 -2.48	55.72 3.28 -6.24	53.71 3.14 -4.78	33.79 2.04 -1.54	29.56 1.83 -7.24	36.25 2.59 -7.67
BALL_HILL_WT_PWR 323825	24.64 -1.65 1.74	25.56 -1.65 0.00	25.38 -1.54 0.00	10.15 -0.57 0.00	3.33 -0.20 0.00	9.93 -0.59 0.18	19.40 -1.60 8.95	15.63 -1.78 14.77	15.15 -1.51 14.50	14.39 -1.49 13.60	16.56 -1.60 13.33	12.61 -1.73 14.51	19.54 -1.43 7.97	14.97 -1.40 12.71	18.90 -1.27 10.56	31.35 -1.58 0.00	34.51 -1.80 0.00	35.40 -2.22 0.00	43.41 -2.98 0.00	43.72 -2.49 0.00	43.26 -2.52 0.00	28.49 -1.72 0.00	19.32 -1.17 0.00	25.18 -0.81 0.00
BARON_WINDS____WT_PWR 323822	16.72 -1.76 9.56	25.52 -1.69 0.01	25.25 -1.66 0.00	10.07 -0.65 0.00	3.32 -0.20 0.01	9.17 -0.57 0.96	-20.71 -1.47 49.19	-50.65 -1.60 81.24	-50.05 -1.45 79.77	-46.43 -1.35 74.55	-43.36 -1.46 73.39	-52.18 -1.46 79.57	-16.33 -1.32 43.95	-42.34 -1.44 69.97	-29.42 -1.49 58.66	31.31 -1.62 0.00	34.65 -1.67 0.00	36.00 -1.62 0.00	44.35 -2.04 0.00	44.64 -1.56 0.00	44.20 -1.58 0.00	29.17 -1.04 0.00	19.86 -0.63 0.00	25.68 -0.31 0.00
BARRETT_IC_1 23704	54.48 2.50 -23.95	46.55 2.44 -16.90	32.87 2.16 -3.79	15.28 0.89 -3.68	25.60 0.32 -21.76	55.19 0.91 -43.58	50.45 2.35 -18.14	34.73 2.55 0.00	33.80 2.62 -0.01	40.44 2.43 -8.53	109.46 2.74 -75.23	138.21 2.64 -106.73	189.03 2.66 -157.43	199.74 2.59 -168.08	213.04 2.63 -179.68	117.25 2.92 -81.40	112.60 3.14 -73.14	124.38 3.21 -83.55	124.71 3.83 -74.49	144.17 3.40 -94.57	124.84 3.24 -75.83	144.28 2.19 -111.88	133.39 1.80 -111.09	122.16 2.35 -93.82
BARRETT_IC_10 23701	54.48 2.50 -23.95	46.55 2.44 -16.90	32.87 2.16 -3.79	15.28 0.89 -3.68	25.60 0.32 -21.76	55.19 0.91 -43.58	50.45 2.35 -18.14	34.73 2.55 0.00	33.80 2.62 -0.01	34.85 2.43 -2.94	63.12 2.74 -28.89	72.50 2.64 -41.01	88.49 2.66 -56.89	91.98 2.59 -60.32	97.10 2.63 -63.74	65.34 2.92 -29.49	63.44 3.14 -23.99	65.72 3.21 -24.89	72.33 3.83 -22.11	79.92 3.40 -30.32	73.18 3.24 -24.16	64.23 2.19 -31.83	58.07 1.80 -35.77	59.68 2.35 -31.34
BARRETT_IC_11 23702	54.48 2.50 -23.95	46.55 2.44 -16.90	32.87 2.16 -3.79	15.28 0.89 -3.68	25.60 0.32 -21.76	55.19 0.91 -43.58	50.45 2.35 -18.14	34.73 2.55 0.00	33.80 2.62 -0.01	34.85 2.43 -2.94	63.12 2.74 -28.89	72.50 2.64 -41.01	88.49 2.66 -56.89	91.98 2.59 -60.32	97.10 2.63 -63.74	65.34 2.92 -29.49	63.44 3.14 -23.99	65.72 3.21 -24.89	72.33 3.83 -22.11	79.92 3.40 -30.32	73.18 3.24 -24.16	64.23 2.19 -31.83	58.07 1.80 -35.77	59.68 2.35 -31.34
BARRETT_IC_12 23703	54.48 2.50 -23.95	46.55 2.44 -16.90	32.87 2.16 -3.79	15.28 0.89 -3.68	25.60 0.32 -21.76	55.19 0.91 -43.58	50.45 2.35 -18.14	34.73 2.55 0.00	33.80 2.62 -0.01	34.85 2.43 -2.94	63.12 2.74 -28.89	72.50 2.64 -41.01	88.49 2.66 -56.89	91.98 2.59 -60.32	97.10 2.63 -63.74	65.34 2.92 -29.49	63.44 3.14 -23.99	65.72 3.21 -24.89	72.33 3.83 -22.11	79.92 3.40 -30.32	73.18 3.24 -24.16	64.23 2.19 -31.83	58.07 1.80 -35.77	59.68 2.35 -31.34
BARRETT_IC_2 23705	54.48 2.50 -23.95	46.55 2.44 -16.90	32.87 2.16 -3.79	15.28 0.89 -3.68	25.60 0.32 -21.76	55.19 0.91 -43.58	50.45 2.35 -18.14	34.73 2.55 0.00	33.80 2.62 -0.01	40.44 2.43 -8.53	109.46 2.74 -75.23	138.21 2.64 -106.73	189.03 2.66 -157.43	199.74 2.59 -168.08	213.04 2.63 -179.68	117.25 2.92 -81.40	112.60 3.14 -73.14	124.38 3.21 -83.55	124.71 3.83 -74.49	144.17 3.40 -94.57	124.84 3.24 -75.83	144.28 2.19 -111.88	133.39 1.80 -111.09	122.16 2.35 -93.82
BARRETT_IC_3 23706	54.48 2.50 -23.95	46.55 2.44 -16.90	32.87 2.16 -3.79	15.28 0.89 -3.68	25.60 0.32 -21.76	55.19 0.91 -43.58	50.45 2.35 -18.14	34.73 2.55 0.00	33.80 2.62 -0.01	40.44 2.43 -8.53	109.46 2.74 -75.23	138.21 2.64 -106.73	189.03 2.66 -157.43	199.74 2.59 -168.08	213.04 2.63 -179.68	117.25 2.92 -81.40	112.60 3.14 -73.14	124.38 3.21 -83.55	124.71 3.83 -74.49	144.17 3.40 -94.57	124.84 3.24 -75.83	144.28 2.19 -111.88	133.39 1.80 -111.09	122.16 2.35 -93.82
BARRETT_IC_4 23707	54.48 2.50 -23.95	46.55 2.44 -16.90	32.87 2.16 -3.79	15.28 0.89 -3.68	25.60 0.32 -21.76	55.19 0.91 -43.58	50.45 2.35 -18.14	34.73 2.55 0.00	33.80 2.62 -0.01	40.44 2.43 -8.53	109.46 2.74 -75.23	138.21 2.64 -106.73	189.03 2.66 -157.43	199.74 2.59 -168.08	213.04 2.63 -179.68	117.25 2.92 -81.40	112.60 3.14 -73.14	124.38 3.21 -83.55	124.71 3.83 -74.49	144.17 3.40 -94.57	124.84 3.24 -75.83	144.28 2.19 -111.88	133.39 1.80 -111.09	122.16 2.35 -93.82
BARRETT_IC_5 23708	54.48 2.50 -23.95	46.55 2.44 -16.90	32.87 2.16 -3.79	15.28 0.89 -3.68	25.60 0.32 -21.76	55.19 0.91 -43.58	50.45 2.35 -18.14	34.73 2.55 0.00	33.80 2.62 -0.01	40.44 2.43 -8.53	109.46 2.74 -75.23	138.21 2.64 -106.73	189.03 2.66 -157.43	199.74 2.59 -168.08	213.04 2.63 -179.68	117.25 2.92 -81.40	112.60 3.14 -73.14	124.38 3.21 -83.55	124.71 3.83 -74.49	144.17 3.40 -94.57	124.84 3.24 -75.83	144.28 2.19 -111.88	133.39 1.80 -111.09	122.16 2.35 -93.82

BARRETT_IC_6 23709	54.48 2.50 -23.95	46.55 2.44 -16.90	32.87 2.16 -3.79	15.28 0.89 -3.68	25.60 0.32 -21.76	55.19 0.91 -43.58	50.45 2.35 -18.14	34.73 2.55 0.00	33.80 2.62 -0.01	40.44 2.43 -8.53	109.46 2.74 -75.23	138.21 2.64 -106.73	189.03 2.66 -157.43	199.74 2.59 -168.08	213.04 2.63 -179.68	117.25 2.92 -81.40	112.60 3.14 -73.14	124.38 3.21 -83.55	124.71 3.83 -74.49	144.17 3.40 -94.57	124.84 3.24 -75.83	144.28 2.19 -111.88	133.39 1.80 -111.09	122.16 2.35 -93.82
BARRETT_IC_7 23710	54.48 2.50 -23.95	46.55 2.43 -16.90	32.85 2.15 -3.79	15.28 0.89 -3.68	25.60 0.32 -21.76	55.19 0.91 -43.58	50.45 2.35 -18.14	34.74 2.56 0.00	33.81 2.64 -0.01	40.45 2.44 -8.53	109.46 2.74 -75.23	138.23 2.65 -106.73	189.03 2.66 -157.43	199.74 2.60 -168.08	213.04 2.63 -179.68	117.26 2.92 -81.40	112.60 3.14 -73.14	124.38 3.21 -83.55	124.70 3.82 -74.49	144.17 3.40 -94.57	124.84 3.24 -75.83	144.28 2.19 -111.88	133.39 1.81 -111.09	122.16 2.35 -93.82
BARRETT_IC_8 23711	54.48 2.50 -23.95	46.55 2.44 -16.90	32.87 2.16 -3.79	15.28 0.89 -3.68	25.60 0.32 -21.76	55.19 0.91 -43.58	50.45 2.35 -18.14	34.73 2.55 0.00	33.80 2.62 -0.01	40.44 2.43 -8.53	109.46 2.74 -75.23	138.21 2.64 -106.73	189.03 2.66 -157.43	199.74 2.59 -168.08	213.04 2.63 -179.68	117.25 2.92 -81.40	112.60 3.14 -73.14	124.38 3.21 -83.55	124.71 3.83 -74.49	144.17 3.40 -94.57	124.84 3.24 -75.83	144.28 2.19 -111.88	133.39 1.80 -111.09	122.16 2.35 -93.82
BARRETT_IC_9 23700	54.48 2.50 -23.95	46.55 2.44 -16.90	32.87 2.16 -3.79	15.28 0.89 -3.68	25.60 0.32 -21.76	55.19 0.91 -43.58	50.45 2.35 -18.14	34.73 2.55 0.00	33.80 2.62 -0.01	34.85 2.43 -2.94	63.12 2.74 -28.89	72.50 2.64 -41.01	88.49 2.66 -56.89	91.98 2.59 -60.32	97.10 2.63 -63.74	65.34 2.92 -29.49	63.44 3.14 -23.99	65.72 3.21 -24.89	72.33 3.83 -22.11	79.92 3.40 -30.32	73.18 3.24 -24.16	64.23 2.19 -31.83	58.07 1.80 -35.77	59.68 2.35 -31.34
BARRETT___1 23545	54.48 2.50 -23.95	46.55 2.44 -16.90	32.87 2.16 -3.79	15.28 0.89 -3.68	25.60 0.32 -21.76	55.19 0.91 -43.58	50.45 2.35 -18.14	34.73 2.55 0.00	33.80 2.62 -0.01	40.44 2.43 -8.53	109.46 2.74 -75.23	138.21 2.64 -106.73	189.03 2.66 -157.43	199.74 2.59 -168.08	213.04 2.63 -179.68	117.25 2.92 -81.40	112.60 3.14 -73.14	124.38 3.21 -83.55	124.71 3.83 -74.49	144.17 3.40 -94.57	124.84 3.24 -75.83	144.28 2.19 -111.88	133.39 1.80 -111.09	122.16 2.35 -93.82
BARRETT___2 23546	54.48 2.50 -23.95	46.55 2.44 -16.90	32.87 2.16 -3.79	15.28 0.89 -3.68	25.60 0.32 -21.76	55.19 0.91 -43.58	50.45 2.35 -18.14	34.73 2.55 0.00	33.80 2.62 -0.01	34.85 2.43 -2.94	63.12 2.74 -28.89	72.50 2.64 -41.01	88.49 2.66 -56.89	91.98 2.59 -60.32	97.10 2.63 -63.74	65.34 2.92 -29.49	63.44 3.14 -23.99	65.72 3.21 -24.89	72.33 3.83 -22.11	79.92 3.40 -30.32	73.18 3.24 -24.16	64.23 2.19 -31.83	58.07 1.80 -35.77	59.68 2.35 -31.34
BATAVIA___115KV_TB1 55881	26.08 -1.10 0.87	26.10 -1.11 0.00	25.90 -1.02 0.00	10.31 -0.41 0.00	3.39 -0.13 0.00	10.26 -0.36 0.09	24.57 -0.95 4.43	23.80 -1.03 7.36	23.08 -0.86 7.23	21.80 -0.91 6.77	23.70 -1.12 6.67	20.16 -1.46 7.22	23.78 -1.18 3.97	21.56 -1.21 6.31	24.35 -1.09 5.29	31.55 -1.38 0.00	34.84 -1.47 0.00	35.78 -1.84 0.00	43.94 -2.45 0.00	44.29 -1.92 0.00	43.86 -1.92 0.00	28.93 -1.29 0.00	19.57 -0.92 0.00	25.47 -0.52 0.00
BAYONEEC___CTG1 323682	30.12 2.08 0.00	29.23 2.02 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.92 1.97 0.00	34.74 2.25 -0.30	34.90 2.31 -1.42	33.33 2.21 -1.64	35.31 2.41 -1.42	32.80 2.33 -1.63	32.95 2.38 -1.63	33.04 2.34 -1.63	34.54 2.35 -1.46	36.70 2.55 -1.22	39.95 2.78 -0.86	41.23 2.91 -0.71	49.91 3.33 -0.19	49.12 2.92 0.00	48.59 2.81 0.00	33.00 1.90 -0.88	22.00 1.51 0.00	27.97 1.99 0.00
BAYONEEC___CTG10 323750	30.12 2.08 0.00	29.23 2.02 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.92 1.97 0.00	34.74 2.25 -0.30	34.90 2.31 -1.42	33.33 2.21 -1.64	35.31 2.41 -1.42	32.80 2.33 -1.63	32.95 2.38 -1.63	33.04 2.34 -1.63	34.54 2.35 -1.46	36.70 2.55 -1.22	39.95 2.78 -0.86	41.23 2.91 -0.71	49.91 3.33 -0.19	49.12 2.92 0.00	48.59 2.81 0.00	33.00 1.90 -0.88	22.00 1.51 0.00	27.97 1.99 0.00
BAYONEEC___CTG2 323683	30.12 2.08 0.00	29.23 2.02 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.92 1.97 0.00	34.74 2.25 -0.30	34.90 2.31 -1.42	33.33 2.21 -1.64	35.31 2.41 -1.42	32.80 2.33 -1.63	32.95 2.38 -1.63	33.04 2.34 -1.63	34.54 2.35 -1.46	36.70 2.55 -1.22	39.95 2.78 -0.86	41.23 2.91 -0.71	49.91 3.33 -0.19	49.12 2.92 0.00	48.59 2.81 0.00	33.00 1.90 -0.88	22.00 1.51 0.00	27.97 1.99 0.00
BAYONEEC___CTG3 323684	30.12 2.08 0.00	29.23 2.02 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.92 1.97 0.00	34.74 2.25 -0.30	34.90 2.31 -1.42	33.33 2.21 -1.64	35.31 2.41 -1.42	32.80 2.33 -1.63	32.95 2.38 -1.63	33.04 2.34 -1.63	34.54 2.35 -1.46	36.70 2.55 -1.22	39.95 2.78 -0.86	41.23 2.91 -0.71	49.91 3.33 -0.19	49.12 2.92 0.00	48.59 2.81 0.00	33.00 1.90 -0.88	22.00 1.51 0.00	27.97 1.99 0.00
BAYONEEC___CTG4 323685	30.12 2.08 0.00	29.23 2.02 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.92 1.97 0.00	34.74 2.25 -0.30	34.90 2.31 -1.42	33.33 2.21 -1.64	35.31 2.41 -1.42	32.80 2.33 -1.63	32.95 2.38 -1.63	33.04 2.34 -1.63	34.54 2.35 -1.46	36.70 2.55 -1.22	39.95 2.78 -0.86	41.23 2.91 -0.71	49.91 3.33 -0.19	49.12 2.92 0.00	48.59 2.81 0.00	33.00 1.90 -0.88	22.00 1.51 0.00	27.97 1.99 0.00
BAYONEEC___CTG5 323686	30.12 2.08 0.00	29.23 2.02 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.92 1.97 0.00	34.74 2.25 -0.30	34.90 2.31 -1.42	33.33 2.21 -1.64	35.31 2.41 -1.42	32.80 2.33 -1.63	32.95 2.38 -1.63	33.04 2.34 -1.63	34.54 2.35 -1.46	36.70 2.55 -1.22	39.95 2.78 -0.86	41.23 2.91 -0.71	49.91 3.33 -0.19	49.12 2.92 0.00	48.59 2.81 0.00	33.00 1.90 -0.88	22.00 1.51 0.00	27.97 1.99 0.00
BAYONEEC___CTG6 323687	30.12 2.08 0.00	29.23 2.02 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.92 1.97 0.00	34.74 2.25 -0.30	34.90 2.31 -1.42	33.33 2.21 -1.64	35.31 2.41 -1.42	32.80 2.33 -1.63	32.95 2.38 -1.63	33.04 2.34 -1.63	34.54 2.35 -1.46	36.70 2.55 -1.22	39.95 2.78 -0.86	41.23 2.91 -0.71	49.91 3.33 -0.19	49.12 2.92 0.00	48.59 2.81 0.00	33.00 1.90 -0.88	22.00 1.51 0.00	27.97 1.99 0.00
BAYONEEC___CTG7 323688	30.12 2.08 0.00	29.23 2.02 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.92 1.97 0.00	34.74 2.25 -0.30	34.90 2.31 -1.42	33.33 2.21 -1.64	35.31 2.41 -1.42	32.80 2.33 -1.63	32.95 2.38 -1.63	33.04 2.34 -1.63	34.54 2.35 -1.46	36.70 2.55 -1.22	39.95 2.78 -0.86	41.23 2.91 -0.71	49.91 3.33 -0.19	49.12 2.92 0.00	48.59 2.81 0.00	33.00 1.90 -0.88	22.00 1.51 0.00	27.97 1.99 0.00

BAYONEEC___CTG8 323689	30.12 2.08 0.00	29.23 2.02 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.92 1.97 0.00	34.74 2.25 -0.30	34.90 2.31 -1.42	33.33 2.21 -1.64	35.31 2.41 -1.42	32.80 2.33 -1.63	32.95 2.38 -1.63	33.04 2.34 -1.63	34.54 2.35 -1.46	36.70 2.55 -1.22	39.95 2.78 -0.86	41.23 2.91 -0.71	49.91 3.33 -0.19	49.12 2.92 0.00	48.59 2.81 0.00	33.00 1.90 -0.88	22.00 1.51 0.00	27.97 1.99 0.00
BAYONEEC___CTG9 323749	30.12 2.08 0.00	29.23 2.02 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.92 1.97 0.00	34.74 2.25 -0.30	34.90 2.31 -1.42	33.33 2.21 -1.64	35.31 2.41 -1.42	32.80 2.33 -1.63	32.95 2.38 -1.63	33.04 2.34 -1.63	34.54 2.35 -1.46	36.70 2.55 -1.22	39.95 2.78 -0.86	41.23 2.91 -0.71	49.91 3.33 -0.19	49.12 2.92 0.00	48.59 2.81 0.00	33.00 1.90 -0.88	22.00 1.51 0.00	27.97 1.99 0.00
BEACON___LESR 323632	28.96 0.93 0.00	28.07 0.86 0.00	27.74 0.83 0.00	11.04 0.32 0.00	3.64 0.11 0.00	11.08 0.38 0.00	30.87 0.91 0.00	33.18 1.00 0.00	31.97 0.81 0.00	30.14 0.66 0.00	32.23 0.74 0.00	29.58 0.73 0.00	29.70 0.77 0.00	29.92 0.84 0.00	31.55 0.81 0.00	33.72 0.79 0.00	37.32 1.00 0.00	38.70 1.08 0.00	47.86 1.47 0.00	47.50 1.29 0.00	46.89 1.11 0.00	31.00 0.79 0.00	21.26 0.77 0.00	27.02 1.03 0.00
BEAVER RIVER___HYD 24048	27.07 -0.97 0.00	26.30 -0.91 0.00	26.04 -0.88 0.00	10.35 -0.36 0.00	3.40 -0.12 0.00	10.36 -0.34 0.00	29.24 -0.71 0.00	31.57 -0.61 0.00	30.58 -0.58 0.00	28.71 -0.77 0.00	30.57 -0.93 0.00	27.67 -1.18 0.00	27.40 -1.54 0.00	27.76 -1.31 0.00	29.50 -1.23 0.00	31.57 -1.36 0.00	35.10 -1.21 0.00	36.43 -1.19 0.00	44.95 -1.44 0.00	45.13 -1.08 0.00	44.75 -1.03 0.00	29.65 -0.56 0.00	20.03 -0.46 0.00	25.14 -0.85 0.00
BEEBEE_GT_13 23619	26.94 -1.09 0.00	26.20 -1.01 0.00	25.96 -0.96 0.00	10.33 -0.38 0.00	3.40 -0.13 0.00	10.32 -0.39 0.00	28.83 -1.12 0.00	30.96 -1.23 0.00	30.07 -1.09 0.00	28.43 -1.05 0.00	30.34 -1.15 0.00	27.60 -1.25 0.00	27.83 -1.10 0.00	27.99 -1.08 0.00	29.70 -1.03 0.01	31.71 -1.22 0.00	34.95 -1.36 0.00	36.02 -1.60 0.00	44.26 -2.13 0.00	44.40 -1.80 0.00	43.96 -1.82 0.00	28.99 -1.22 0.00	19.63 -0.86 0.00	25.36 -0.63 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.32 2.29 0.00	29.46 2.24 0.00	28.94 2.02 0.00	11.57 0.85 0.00	3.82 0.30 0.00	11.60 0.89 -0.01	32.29 2.33 0.00	37.77 2.63 -2.95	47.91 2.68 -14.07	48.37 2.58 -16.31	48.33 2.79 -14.05	47.68 2.70 -16.13	47.82 2.72 -16.17	47.87 2.68 -16.11	47.92 2.71 -14.48	47.94 2.94 -12.07	47.95 3.18 -8.46	47.94 3.31 -7.01	52.00 3.72 -1.89	49.49 3.29 0.00	49.00 3.23 0.00	41.12 2.17 -8.74	22.19 1.70 0.00	28.17 2.19 0.00
BETHLEHEM___GRP 23843	28.51 0.48 0.00	27.66 0.45 0.00	27.26 0.34 0.00	10.88 0.16 0.00	3.58 0.06 0.00	10.87 0.17 0.00	30.29 0.34 0.00	32.53 0.34 0.00	31.38 0.22 0.00	29.62 0.14 0.00	31.65 0.16 0.00	29.10 0.26 0.00	29.10 0.16 0.00	29.31 0.24 0.00	30.86 0.13 0.00	33.04 0.11 0.00	36.50 0.18 0.00	37.94 0.32 0.00	46.84 0.45 0.00	46.45 0.25 0.00	45.95 0.17 0.00	30.45 0.24 0.00	20.90 0.41 0.00	26.54 0.55 0.00
BETHLEHEM___GS1 323560	28.51 0.48 0.00	27.66 0.45 0.00	27.26 0.34 0.00	10.88 0.16 0.00	3.58 0.06 0.00	10.87 0.17 0.00	30.28 0.33 0.00	32.52 0.34 0.00	31.37 0.21 0.00	29.61 0.13 0.00	31.64 0.15 0.00	29.10 0.26 0.00	29.10 0.16 0.00	29.30 0.23 0.00	30.86 0.13 0.00	33.05 0.11 0.00	36.50 0.19 0.00	37.93 0.31 0.00	46.84 0.45 0.00	46.45 0.25 0.00	45.95 0.18 0.00	30.45 0.24 0.00	20.90 0.41 0.00	26.54 0.55 0.00
BETHLEHEM___GS2 323561	28.51 0.48 0.00	27.66 0.45 0.00	27.26 0.34 0.00	10.88 0.16 0.00	3.58 0.06 0.00	10.87 0.17 0.00	30.28 0.33 0.00	32.52 0.34 0.00	31.37 0.21 0.00	29.61 0.13 0.00	31.64 0.15 0.00	29.10 0.26 0.00	29.10 0.16 0.00	29.30 0.23 0.00	30.86 0.13 0.00	33.05 0.11 0.00	36.50 0.19 0.00	37.93 0.31 0.00	46.84 0.45 0.00	46.45 0.25 0.00	45.95 0.18 0.00	30.45 0.24 0.00	20.90 0.41 0.00	26.54 0.55 0.00
BETHLEHEM___GS3 323562	28.51 0.48 0.00	27.66 0.45 0.00	27.26 0.34 0.00	10.88 0.16 0.00	3.58 0.06 0.00	10.87 0.17 0.00	30.28 0.33 0.00	32.52 0.34 0.00	31.37 0.21 0.00	29.61 0.13 0.00	31.64 0.15 0.00	29.10 0.26 0.00	29.10 0.16 0.00	29.30 0.23 0.00	30.86 0.13 0.00	33.05 0.11 0.00	36.50 0.19 0.00	37.93 0.31 0.00	46.84 0.45 0.00	46.45 0.25 0.00	45.95 0.18 0.00	30.45 0.24 0.00	20.90 0.41 0.00	26.54 0.55 0.00
BETHLEHEM___STEEL 23779	24.62 -1.71 1.70	25.57 -1.65 0.00	25.38 -1.53 0.00	10.11 -0.60 0.00	3.32 -0.21 0.00	9.93 -0.60 0.17	19.55 -1.68 8.72	15.91 -1.87 14.40	15.38 -1.65 14.14	14.63 -1.60 13.25	16.79 -1.70 13.00	12.86 -1.85 14.14	19.59 -1.57 7.77	15.10 -1.58 12.39	18.92 -1.51 10.30	31.07 -1.86 0.00	34.20 -2.12 0.00	35.09 -2.53 0.00	43.03 -3.36 0.00	43.39 -2.82 0.00	42.93 -2.85 0.00	28.32 -1.90 0.00	19.19 -1.30 0.00	25.09 -0.90 0.00
BETHLHEM_115KV_TB1 79974	28.57 0.54 0.00	27.72 0.51 0.00	27.32 0.40 0.00	10.90 0.18 0.00	3.59 0.06 0.00	10.90 0.19 0.00	30.35 0.40 0.00	32.60 0.41 0.00	31.46 0.29 0.00	29.69 0.21 0.00	31.73 0.24 0.00	29.17 0.32 0.00	29.17 0.23 0.00	29.38 0.31 0.00	30.94 0.21 0.00	33.13 0.20 0.00	36.59 0.27 0.00	38.02 0.40 0.00	46.95 0.56 0.00	46.57 0.37 0.00	46.07 0.29 0.00	30.52 0.30 0.00	20.94 0.45 0.00	26.59 0.60 0.00
BETHPAGE_CC_5 323564	54.71 2.72 -23.95	46.50 2.64 -16.65	32.90 2.36 -3.63	15.21 0.98 -3.52	24.68 0.34 -20.81	54.64 1.02 -42.92	50.79 2.69 -18.14	35.13 2.94 0.00	34.18 3.00 -0.01	33.37 2.70 -1.19	48.36 3.06 -13.80	51.34 2.90 -19.59	56.49 2.95 -24.60	57.78 2.93 -25.78	60.93 2.99 -27.21	49.24 3.23 -13.08	48.18 3.47 -8.40	47.06 3.47 -5.96	55.70 4.15 -5.15	59.85 3.83 -9.82	57.08 3.65 -7.65	38.16 2.39 -5.56	33.41 1.94 -10.98	39.28 2.52 -10.77
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.82 -1.62 1.60	25.65 -1.56 0.00	25.46 -1.46 0.00	10.14 -0.58 0.00	3.33 -0.20 0.00	9.97 -0.57 0.16	20.16 -1.56 8.23	16.87 -1.73 13.59	16.30 -1.52 13.34	15.49 -1.48 12.50	17.65 -1.58 12.27	13.76 -1.74 13.35	20.14 -1.46 7.33	15.92 -1.46 11.69	19.62 -1.39 9.72	31.20 -1.74 0.00	34.34 -1.98 0.00	35.24 -2.38 0.00	43.22 -3.16 0.00	43.58 -2.62 0.00	43.12 -2.66 0.00	28.44 -1.77 0.00	19.27 -1.22 0.00	25.19 -0.80 0.00
BINGHAMTON___COGEN 23790	27.97 -0.06 0.00	27.17 -0.04 0.00	26.82 -0.10 0.00	10.68 -0.03 0.00	3.52 0.00 0.00	10.69 -0.01 0.00	29.94 -0.01 0.00	32.19 0.00 0.00	31.21 0.04 0.00	29.49 0.02 0.00	31.54 0.04 -0.01	28.76 -0.09 0.00	28.96 0.02 0.00	29.05 -0.02 0.00	30.74 -0.01 -0.02	32.86 -0.07 0.00	36.21 -0.11 0.00	37.50 -0.12 0.00	46.22 -0.17 0.00	46.11 -0.10 0.00	45.59 -0.19 0.00	30.11 -0.10 0.00	20.49 0.00 0.00	26.21 0.22 0.00

BIXINCNT_115KV_LOAD 355685	25.31 -1.64 1.09	25.59 -1.63 0.00	25.35 -1.57 0.00	10.04 -0.68 0.00	3.31 -0.22 0.00	10.15 -0.45 0.11	23.20 -1.18 5.58	21.56 -1.42 9.20	20.71 -1.42 9.04	19.61 -1.39 8.48	21.70 -1.48 8.31	18.01 -1.79 9.05	22.69 -1.29 4.96	19.84 -1.32 7.91	22.81 -1.36 6.57	31.34 -1.59 0.00	34.45 -1.87 0.00	35.59 -2.03 0.00	43.90 -2.49 0.00	44.15 -2.05 0.00	43.72 -2.06 0.00	28.87 -1.34 0.00	19.57 -0.92 0.00	25.59 -0.39 0.00
BLACK RIVER___HYD 24047	27.23 -0.81 0.00	26.50 -0.71 0.00	26.17 -0.74 0.00	10.38 -0.34 0.00	3.41 -0.11 0.00	10.40 -0.31 0.00	29.34 -0.61 0.00	31.60 -0.59 0.00	30.70 -0.46 0.00	28.80 -0.67 0.00	30.60 -0.89 0.00	27.57 -1.28 0.00	27.20 -1.74 0.00	27.72 -1.36 0.00	29.44 -1.29 0.00	31.42 -1.51 0.00	35.11 -1.20 0.00	36.62 -1.01 0.00	45.14 -1.25 0.00	45.42 -0.79 0.00	45.01 -0.77 0.00	29.85 -0.36 0.00	20.16 -0.33 0.00	25.30 -0.69 0.00
BLACKRVR_115KV_TB2 79977	27.23 -0.81 0.00	26.50 -0.71 0.00	26.17 -0.74 0.00	10.38 -0.34 0.00	3.41 -0.11 0.00	10.40 -0.31 0.00	29.34 -0.61 0.00	31.60 -0.59 0.00	30.70 -0.46 0.00	28.80 -0.67 0.00	30.60 -0.89 0.00	27.56 -1.28 0.00	27.20 -1.73 0.00	27.72 -1.35 0.00	29.44 -1.29 0.00	31.42 -1.51 0.00	35.12 -1.20 0.00	36.62 -1.01 0.00	45.14 -1.25 0.00	45.42 -0.79 0.00	45.01 -0.77 0.00	29.85 -0.36 0.00	20.16 -0.33 0.00	25.30 -0.69 0.00
BLDWN_LI_69_KV_BK4 356085	54.67 2.68 -23.95	46.34 2.60 -16.53	32.79 2.32 -3.56	15.12 0.96 -3.45	24.26 0.34 -20.40	54.25 0.99 -42.55	50.70 2.60 -18.14	35.03 2.84 0.00	34.09 2.92 -0.01	35.28 2.65 -3.15	63.73 2.94 -29.31	73.23 2.83 -41.56	90.62 2.88 -58.81	94.45 2.83 -62.54	101.16 2.88 -67.55	66.71 3.14 -30.64	65.10 3.40 -25.38	66.72 3.47 -25.63	73.27 4.14 -22.74	81.87 3.79 -31.88	74.77 3.64 -25.36	64.78 2.45 -32.12	58.33 1.96 -35.88	59.95 2.53 -31.43
BLISS_WT_PWR 323608	25.18 -1.77 1.09	25.41 -1.80 0.00	25.17 -1.75 0.00	9.95 -0.77 0.00	3.28 -0.25 0.00	10.12 -0.47 0.11	23.12 -1.25 5.58	21.49 -1.49 9.20	20.59 -1.53 9.04	19.49 -1.51 8.48	21.57 -1.61 8.31	17.89 -1.91 9.05	22.62 -1.36 4.96	19.79 -1.37 7.91	22.71 -1.46 6.57	31.21 -1.72 0.00	34.31 -2.01 0.00	35.51 -2.11 0.00	43.86 -2.53 0.00	44.10 -2.10 0.00	43.67 -2.11 0.00	28.84 -1.37 0.00	19.54 -0.95 0.00	25.59 -0.40 0.00
BLUESTONE___WT_PWR 323821	27.42 -0.62 0.00	26.57 -0.64 0.00	26.18 -0.74 0.00	10.46 -0.26 0.00	3.44 -0.08 0.00	10.48 -0.23 0.00	29.47 -0.48 0.00	31.61 -0.58 0.00	30.52 -0.65 0.00	28.68 -0.80 0.00	30.84 -0.66 -0.01	27.96 -0.89 0.00	28.29 -0.65 0.00	28.48 -0.59 0.00	30.12 -0.63 -0.01	32.14 -0.79 0.00	35.59 -0.73 0.00	37.74 0.11 0.00	46.83 0.44 0.00	47.07 0.86 0.00	46.20 0.43 0.00	30.37 0.16 0.00	20.47 -0.02 0.00	26.32 0.33 0.00
BLUE_CIRC_CHEM_DRP 24182	28.77 0.73 0.00	27.91 0.70 0.00	27.53 0.62 0.00	10.98 0.26 0.00	3.62 0.09 0.00	10.98 0.27 0.00	30.60 0.65 0.00	32.82 0.63 0.00	31.61 0.45 0.00	29.82 0.34 0.00	31.82 0.33 0.00	29.14 0.30 0.00	29.18 0.25 0.00	29.44 0.37 0.00	31.04 0.31 0.00	33.27 0.33 0.00	36.71 0.39 0.00	38.12 0.50 0.00	47.21 0.82 0.00	46.94 0.73 0.00	46.47 0.69 0.00	30.77 0.56 0.00	21.07 0.58 0.00	26.75 0.76 0.00
BOC_GAS_DRP 24189	28.69 0.66 0.00	27.84 0.63 0.00	27.45 0.53 0.00	10.95 0.23 0.00	3.61 0.08 0.00	10.94 0.24 0.00	30.48 0.53 0.00	32.75 0.56 0.00	31.63 0.47 0.00	29.87 0.39 0.00	31.91 0.42 0.00	29.31 0.47 0.00	29.35 0.42 0.00	29.52 0.45 0.00	31.11 0.38 0.00	33.33 0.40 0.00	36.80 0.48 0.00	38.22 0.60 0.00	47.20 0.81 0.00	46.82 0.62 0.00	46.33 0.55 0.00	30.68 0.47 0.00	21.00 0.51 0.00	26.67 0.68 0.00
BOONVILLE_115KV_TB1 79983	27.99 -0.05 0.00	27.15 -0.07 0.00	26.84 -0.08 0.00	10.69 -0.03 0.00	3.52 -0.01 0.00	10.69 -0.01 0.00	30.04 0.09 0.00	32.43 0.24 0.00	31.39 0.22 0.00	29.55 0.07 0.00	31.53 0.04 0.00	28.73 -0.11 0.00	28.67 -0.26 0.00	28.92 -0.15 0.00	30.62 -0.11 0.00	32.78 -0.15 0.00	36.28 -0.04 0.00	37.62 0.00 0.00	46.42 0.03 0.00	46.38 0.18 0.00	45.97 0.19 0.00	30.40 0.19 0.00	20.61 0.12 0.00	26.03 0.04 0.00
BORALEX_4TH_BRANCH 23824	29.45 1.41 0.00	28.54 1.33 0.00	28.11 1.20 0.00	11.22 0.50 0.00	3.70 0.17 0.00	11.22 0.51 0.00	31.31 1.36 0.00	33.52 1.34 0.00	32.13 0.96 0.00	30.18 0.70 0.00	32.26 0.77 0.00	29.67 0.82 0.00	29.57 0.63 0.00	29.73 0.66 0.00	31.17 0.44 0.00	33.38 0.45 0.00	37.09 0.77 0.00	38.88 1.26 0.00	48.43 2.05 0.00	48.05 1.85 0.00	47.44 1.67 0.00	31.48 1.27 0.00	21.58 1.09 0.00	27.43 1.44 0.00
BOWLINE___1 23526	29.75 1.71 0.00	28.87 1.66 0.00	28.34 1.42 0.00	11.32 0.60 0.00	3.74 0.21 0.00	11.33 0.63 0.00	31.57 1.62 0.00	34.03 1.84 0.00	33.02 1.86 0.00	31.23 1.76 0.00	33.43 1.94 0.00	30.74 1.89 0.00	30.87 1.94 0.00	30.97 1.90 0.00	32.66 1.92 0.00	35.04 2.11 0.00	38.64 2.33 0.00	40.08 2.46 0.00	49.18 2.79 0.00	48.63 2.43 0.00	48.11 2.33 0.00	31.77 1.56 0.00	21.76 1.27 0.00	27.66 1.68 0.00
BOWLINE___2 23595	29.75 1.71 0.00	28.87 1.66 0.00	28.34 1.42 0.00	11.32 0.60 0.00	3.74 0.21 0.00	11.33 0.63 0.00	31.57 1.62 0.00	34.03 1.84 0.00	33.02 1.86 0.00	31.23 1.76 0.00	33.43 1.94 0.00	30.74 1.89 0.00	30.87 1.94 0.00	30.97 1.90 0.00	32.66 1.92 0.00	35.04 2.11 0.00	38.64 2.33 0.00	40.08 2.46 0.00	49.18 2.79 0.00	48.63 2.43 0.00	48.11 2.33 0.00	31.77 1.56 0.00	21.76 1.27 0.00	27.66 1.68 0.00
BRADY___115KV_TB2 356060	27.94 -0.09 0.00	27.17 -0.04 0.00	27.04 0.13 0.00	10.74 0.03 0.00	3.52 -0.01 0.00	10.74 0.04 0.00	30.31 0.35 0.00	32.43 0.24 0.00	31.26 0.09 0.00	29.58 0.10 0.00	31.60 0.10 0.00	28.91 0.07 0.00	28.92 -0.02 0.00	28.94 -0.13 0.00	30.95 0.21 0.00	33.33 0.40 0.00	36.70 0.39 0.00	37.79 0.17 0.00	46.64 0.25 0.00	46.83 0.63 0.00	46.60 0.82 0.00	30.64 0.43 0.00	20.49 0.00 0.00	25.78 -0.20 0.00
BRANSCOMB___SOLAR 323811	29.35 1.31 0.00	28.44 1.23 0.00	28.03 1.11 0.00	11.18 0.46 0.00	3.69 0.16 0.00	11.20 0.50 0.00	31.28 1.33 0.00	33.57 1.38 0.00	32.24 1.07 0.00	30.34 0.86 0.00	32.37 0.88 0.00	29.70 0.86 0.00	29.66 0.72 0.00	29.98 0.91 0.00	31.57 0.84 0.00	33.87 0.94 0.00	37.53 1.21 0.00	39.21 1.58 0.00	48.58 2.20 0.00	48.28 2.08 0.00	47.74 1.96 0.00	31.62 1.40 0.00	21.54 1.05 0.00	27.30 1.31 0.00
BRDGHMPT_69_KV_BK1 55812	55.59 3.60 -23.95	47.51 3.46 -16.84	33.81 3.14 -3.75	15.58 1.23 -3.64	25.48 0.44 -21.52	55.57 1.37 -43.50	51.91 3.81 -18.14	36.34 4.16 0.00	35.50 4.31 -0.03	33.68 3.81 -0.40	43.79 4.24 -8.06	44.22 3.91 -11.47	44.32 4.03 -11.35	44.50 3.98 -11.45	45.54 4.09 -10.72	52.54 4.42 -15.20	42.64 4.73 -1.59	44.93 4.76 -2.56	52.18 5.67 -0.11	52.37 5.08 -1.09	51.28 4.83 -0.67	28.95 2.80 4.06	24.77 2.23 -2.05	32.15 2.79 -3.37

BRENTWOD_69_KV_W. BRTWOOD 56703	54.90 2.92 -23.95	46.88 2.85 -16.81	33.23 2.58 -3.73	15.40 1.06 -3.62	25.33 0.37 -21.44	55.24 1.11 -43.43	51.04 2.94 -18.14	35.37 3.19 0.00	34.41 3.23 -0.02	32.79 2.84 -0.48	43.55 3.31 -8.75	44.44 3.15 -12.44	45.04 3.17 -12.94	45.38 3.14 -13.17	46.65 3.24 -12.68	45.04 3.43 -8.68	42.34 3.63 -2.39	41.27 3.47 -0.18	50.18 4.16 0.38	52.12 3.78 -2.14	50.95 3.66 -1.51	29.74 2.43 2.91	25.62 2.00 -3.13	32.89 2.64 -4.26
BRISTLHL_115KV_TB1 79998	27.35 -0.68 0.00	26.56 -0.66 0.00	26.23 -0.68 0.00	10.45 -0.27 0.00	3.44 -0.09 0.00	10.44 -0.27 0.00	29.18 -0.78 0.00	31.38 -0.80 0.00	30.42 -0.75 0.00	28.74 -0.74 0.00	30.69 -0.80 0.00	28.04 -0.80 0.00	28.10 -0.84 0.00	28.28 -0.79 0.00	29.90 -0.83 0.00	32.02 -0.91 0.00	35.35 -0.97 0.00	36.63 -0.99 0.00	45.17 -1.22 0.00	45.01 -1.19 0.00	44.58 -1.20 0.00	29.44 -0.77 0.00	20.02 -0.47 0.00	25.50 -0.48 0.00
BROOKHAVEN___DRP 24191	55.15 3.16 -23.95	47.12 3.07 -16.84	33.46 2.80 -3.75	15.49 1.14 -3.64	25.44 0.40 -21.52	55.41 1.21 -43.50	51.34 3.25 -18.14	35.72 3.54 0.00	34.79 3.60 -0.03	33.05 3.18 -0.39	43.15 3.62 -8.04	43.69 3.41 -11.44	43.68 3.44 -11.30	43.89 3.42 -11.40	44.92 3.52 -10.66	51.86 3.83 -15.10	41.93 4.05 -1.56	44.15 4.03 -2.50	51.32 4.86 -0.08	51.70 4.44 -1.06	50.72 4.29 -0.64	28.82 2.70 4.10	24.69 2.18 -2.02	32.15 2.82 -3.34
BROOKLYN_NAVY_YARD 23515	30.05 2.02 0.00	29.16 1.95 0.00	28.60 1.68 0.00	11.43 0.72 0.00	3.78 0.25 0.00	11.46 0.76 0.00	31.86 1.91 0.00	34.35 2.16 0.00	33.40 2.24 0.00	31.63 2.16 0.00	33.84 2.34 0.00	31.11 2.26 0.00	31.25 2.32 0.00	31.33 2.27 0.00	33.00 2.27 0.00	35.40 2.47 0.00	39.01 2.69 0.00	40.43 2.81 0.00	49.61 3.22 0.00	49.02 2.81 0.00	48.49 2.72 0.00	32.05 1.84 0.00	21.95 1.46 0.00	27.91 1.92 0.00
BROOKLYN___ARMY_DRP 323595	30.19 2.16 0.00	29.34 2.13 0.00	28.84 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.56 0.85 -0.01	32.16 2.20 0.00	37.62 2.48 -2.95	47.75 2.52 -14.07	48.20 2.40 -16.31	48.16 2.62 -14.05	47.52 2.54 -16.13	47.66 2.56 -16.17	47.70 2.52 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.48 -1.89	49.24 3.03 0.00	48.74 2.96 0.00	40.96 2.00 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
BROOME_2_LFGE 323671	27.98 -0.06 0.00	27.17 -0.04 0.00	26.82 -0.10 0.00	10.69 -0.03 0.00	3.52 0.00 0.00	10.69 -0.01 0.00	29.94 -0.01 0.00	32.18 -0.01 0.00	31.20 0.03 0.00	29.48 0.01 0.00	31.53 0.03 -0.01	28.75 -0.09 0.00	28.95 0.01 0.00	29.04 -0.03 0.00	30.74 -0.02 -0.02	32.85 -0.08 0.00	36.21 -0.11 0.00	37.50 -0.13 0.00	46.22 -0.17 0.00	46.10 -0.10 0.00	45.58 -0.20 0.00	30.10 -0.11 0.00	20.49 0.00 0.00	26.21 0.22 0.00
BROOME___LFGE 323600	27.98 -0.06 0.00	27.17 -0.04 0.00	26.82 -0.10 0.00	10.69 -0.03 0.00	3.52 0.00 0.00	10.69 -0.01 0.00	29.94 -0.01 0.00	32.18 -0.01 0.00	31.20 0.03 0.00	29.48 0.01 0.00	31.53 0.03 -0.01	28.75 -0.09 0.00	28.95 0.01 0.00	29.04 -0.03 0.00	30.74 -0.02 -0.02	32.85 -0.08 0.00	36.21 -0.11 0.00	37.50 -0.13 0.00	46.22 -0.17 0.00	46.10 -0.10 0.00	45.58 -0.20 0.00	30.10 -0.11 0.00	20.49 0.00 0.00	26.21 0.22 0.00
BROWNFLS_115KV_TB_3_5 80003	26.86 -1.17 0.00	26.11 -1.11 0.00	25.91 -1.01 0.00	10.30 -0.42 0.00	3.38 -0.14 0.00	10.30 -0.40 0.00	29.09 -0.87 0.00	31.33 -0.86 0.00	30.30 -0.86 0.00	28.54 -0.94 0.00	30.43 -1.07 0.00	27.66 -1.18 0.00	27.54 -1.40 0.00	27.76 -1.31 0.00	29.56 -1.17 0.00	31.70 -1.23 0.00	35.08 -1.23 0.00	36.24 -1.38 0.00	44.74 -1.65 0.00	44.93 -1.28 0.00	44.64 -1.14 0.00	29.48 -0.73 0.00	19.82 -0.67 0.00	24.88 -1.11 0.00
BROWNSV1_27_KV_LOAD 356125	30.36 2.32 0.00	29.45 2.23 0.00	28.86 1.95 0.00	11.54 0.82 0.00	3.81 0.29 0.00	11.56 0.86 0.00	32.20 2.25 0.00	34.75 2.56 0.00	33.79 2.63 0.00	32.00 2.53 0.00	34.22 2.73 0.00	31.48 2.63 0.00	31.61 2.67 0.00	31.70 2.63 0.00	33.38 2.64 0.00	35.80 2.87 0.00	39.45 3.14 0.00	40.89 3.27 0.00	50.16 3.77 0.00	49.56 3.36 0.00	49.04 3.26 0.00	32.40 2.19 0.00	22.18 1.69 0.00	28.20 2.22 0.00
BURROWS___LYONSDAL 23803	27.71 -0.33 0.00	26.88 -0.33 0.00	26.58 -0.33 0.00	10.59 -0.13 0.00	3.48 -0.04 0.00	10.59 -0.11 0.00	29.78 -0.17 0.00	32.18 0.00 0.00	31.14 -0.02 0.00	29.29 -0.19 0.00	31.24 -0.25 0.00	28.43 -0.42 0.00	28.30 -0.64 0.00	28.58 -0.49 0.00	30.28 -0.46 0.00	32.41 -0.52 0.00	35.91 -0.41 0.00	37.23 -0.39 0.00	45.96 -0.44 0.00	45.95 -0.25 0.00	45.56 -0.22 0.00	30.16 -0.06 0.00	20.43 -0.06 0.00	25.77 -0.22 0.00
CAITHNESS_CC_1 323624	55.06 3.07 -23.95	47.02 2.98 -16.84	33.37 2.71 -3.75	15.46 1.11 -3.64	25.44 0.39 -21.52	55.37 1.17 -43.50	51.22 3.13 -18.14	35.59 3.41 0.00	34.65 3.46 -0.03	32.91 3.05 -0.39	43.00 3.49 -8.02	43.55 3.30 -11.41	43.52 3.32 -11.26	43.74 3.31 -11.35	44.75 3.41 -10.61	51.64 3.69 -15.02	41.75 3.90 -1.54	43.94 3.87 -2.45	51.08 4.65 -0.04	51.48 4.25 -1.03	50.50 4.10 -0.62	28.68 2.60 4.13	24.61 2.13 -1.99	32.05 2.74 -3.32
CALPINE BETH_PAGE_GT4 24209	54.68 2.69 -23.95	46.38 2.60 -16.57	32.82 2.32 -3.58	15.15 0.96 -3.47	24.40 0.34 -20.54	54.40 1.01 -42.69	50.75 2.65 -18.14	35.09 2.91 0.00	34.15 2.98 -0.01	33.65 2.69 -1.49	50.38 3.04 -15.86	54.22 2.89 -22.49	61.22 2.93 -29.36	62.91 2.91 -30.93	66.87 2.97 -33.16	51.68 3.20 -15.55	50.61 3.43 -10.86	49.70 3.47 -8.61	58.04 4.13 -7.52	62.97 3.80 -12.96	59.57 3.63 -10.16	41.58 2.38 -8.98	36.57 1.92 -14.15	41.90 2.50 -13.41
CALPINE_BETH_PAGE_GT_4 323586	54.68 2.69 -23.95	46.39 2.60 -16.57	32.82 2.32 -3.58	15.15 0.96 -3.47	24.40 0.34 -20.54	54.40 1.01 -42.69	50.75 2.65 -18.14	35.09 2.90 0.00	34.14 2.96 -0.01	33.65 2.68 -1.49	50.37 3.03 -15.86	54.21 2.88 -22.49	61.21 2.92 -29.36	62.90 2.90 -30.93	66.86 2.97 -33.16	51.68 3.20 -15.55	50.61 3.44 -10.86	49.70 3.47 -8.61	58.03 4.13 -7.52	62.97 3.80 -12.96	59.57 3.64 -10.16	41.58 2.39 -8.98	36.57 1.93 -14.15	41.90 2.50 -13.41
CALPINE_BP_GT1 23823	54.68 2.69 -23.95	46.39 2.60 -16.57	32.82 2.32 -3.58	15.15 0.96 -3.47	24.40 0.34 -20.54	54.40 1.01 -42.69	50.75 2.65 -18.14	35.09 2.90 0.00	34.14 2.96 -0.01	33.65 2.68 -1.49	50.37 3.03 -15.86	54.21 2.88 -22.49	61.21 2.92 -29.36	62.90 2.90 -30.93	66.86 2.97 -33.16	51.68 3.20 -15.55	50.61 3.44 -10.86	49.70 3.47 -8.61	58.03 4.13 -7.52	62.97 3.80 -12.96	59.57 3.64 -10.16	41.58 2.39 -8.98	36.57 1.93 -14.15	41.90 2.50 -13.41
CALSPAN___DRP 24200	24.62 -1.71 1.70	25.57 -1.65 0.00	25.38 -1.53 0.00	10.11 -0.60 0.00	3.32 -0.21 0.00	9.93 -0.60 0.17	19.55 -1.68 8.72	15.91 -1.87 14.40	15.38 -1.65 14.14	14.63 -1.60 13.25	16.79 -1.70 13.00	12.86 -1.85 14.14	19.59 -1.57 7.77	15.10 -1.58 12.39	18.92 -1.51 10.30	31.07 -1.86 0.00	34.20 -2.12 0.00	35.09 -2.53 0.00	43.03 -3.36 0.00	43.39 -2.82 0.00	42.93 -2.85 0.00	28.32 -1.90 0.00	19.19 -1.30 0.00	25.09 -0.90 0.00

CALVERTON___SOLAR 323806	55.25 3.26 -23.95	47.20 3.16 -16.84	33.54 2.88 -3.75	15.52 1.16 -3.64	25.45 0.41 -21.52	55.44 1.24 -43.50	51.46 3.36 -18.14	35.84 3.66 0.00	34.91 3.72 -0.03	33.16 3.28 -0.39	43.26 3.73 -8.05	43.78 3.49 -11.45	43.77 3.51 -11.32	44.00 3.51 -11.41	45.03 3.63 -10.68	52.03 3.96 -15.14	42.07 4.19 -1.57	44.32 4.18 -2.52	51.53 5.05 -0.09	51.90 4.62 -1.07	50.90 4.47 -0.65	28.92 2.80 4.09	24.77 2.25 -2.03	32.21 2.87 -3.35
CANDIGU_WT_PWR 323617	16.72 -1.76 9.56	25.52 -1.69 0.01	25.25 -1.66 0.00	10.07 -0.65 0.00	3.32 -0.20 0.01	9.17 -0.57 0.96	-20.71 -1.47 49.19	-50.65 -1.60 81.24	-50.05 -1.45 79.77	-46.43 -1.35 74.55	-43.36 -1.46 73.39	-52.18 -1.46 79.57	-16.33 -1.32 43.95	-42.34 -1.44 69.97	-29.42 -1.49 58.66	31.31 -1.62 0.00	34.65 -1.67 0.00	36.00 -1.62 0.00	44.35 -2.04 0.00	44.64 -1.56 0.00	44.20 -1.58 0.00	29.17 -1.04 0.00	19.86 -0.63 0.00	25.68 -0.31 0.00
CARR STREET_E_SYR 24060	27.66 -0.37 0.00	26.84 -0.37 0.00	26.52 -0.40 0.00	10.56 -0.16 0.00	3.48 -0.05 0.00	10.56 -0.15 0.00	29.51 -0.44 0.00	31.76 -0.42 0.00	30.82 -0.34 0.00	29.14 -0.34 0.00	31.12 -0.37 0.00	28.45 -0.40 0.00	28.56 -0.38 0.00	28.72 -0.36 0.00	30.37 -0.36 0.00	32.49 -0.44 0.00	35.83 -0.48 0.00	37.14 -0.48 0.00	45.78 -0.60 0.00	45.61 -0.59 0.00	45.16 -0.62 0.00	29.82 -0.39 0.00	20.28 -0.21 0.00	25.86 -0.13 0.00
CARTHAGE___PAPER 23857	27.33 -0.70 0.00	26.57 -0.64 0.00	26.28 -0.64 0.00	10.44 -0.28 0.00	3.43 -0.09 0.00	10.45 -0.25 0.00	29.52 -0.44 0.00	31.83 -0.36 0.00	30.84 -0.33 0.00	28.90 -0.57 0.00	30.74 -0.75 0.00	27.73 -1.12 0.00	27.39 -1.55 0.00	27.83 -1.24 0.00	29.61 -1.12 0.00	31.67 -1.26 0.00	35.31 -1.00 0.00	36.71 -0.91 0.00	45.31 -1.08 0.00	45.57 -0.64 0.00	45.19 -0.59 0.00	29.95 -0.26 0.00	20.21 -0.29 0.00	25.34 -0.64 0.00
CASSADAGA_WT_PWR 323784	24.99 -1.82 1.23	25.23 -1.98 0.00	25.25 -1.67 0.00	10.19 -0.53 0.00	3.32 -0.20 0.00	9.97 -0.61 0.12	22.09 -1.54 6.32	19.90 -1.85 10.44	19.44 -1.47 10.25	18.44 -1.42 9.61	20.61 -1.47 9.42	17.13 -1.46 10.25	22.19 -1.12 5.62	19.09 -1.01 8.97	22.60 -0.69 7.44	32.06 -0.87 0.00	35.26 -1.06 0.00	36.18 -1.44 0.00	44.34 -2.05 0.00	44.59 -1.62 0.00	44.09 -1.69 0.00	28.98 -1.23 0.00	19.62 -0.88 0.00	25.37 -0.62 0.00
CE_DUNWOOD___DRP 24194	29.95 1.91 0.00	29.07 1.86 0.00	28.52 1.60 0.00	11.39 0.68 0.00	3.76 0.24 0.00	11.41 0.70 0.00	31.77 1.82 0.00	34.25 2.07 0.00	33.27 2.11 0.00	31.47 1.99 0.00	33.67 2.18 0.00	30.96 2.12 0.00	31.10 2.16 0.00	31.19 2.12 0.00	32.87 2.13 0.00	35.26 2.33 0.00	38.88 2.56 0.00	40.30 2.68 0.00	49.48 3.09 0.00	48.90 2.69 0.00	48.38 2.60 0.00	31.95 1.74 0.00	21.90 1.41 0.00	27.84 1.85 0.00
CE_MILLWOOD___DRP 24193	29.86 1.83 0.00	28.99 1.78 0.00	28.46 1.54 0.00	11.37 0.65 0.00	3.75 0.23 0.00	11.38 0.67 0.00	31.68 1.73 0.00	34.14 1.96 0.00	33.15 1.99 0.00	31.36 1.89 0.00	33.56 2.07 0.00	30.87 2.02 0.00	30.99 2.05 0.00	31.09 2.02 0.00	32.76 2.03 0.00	35.14 2.22 0.00	38.76 2.44 0.00	40.19 2.57 0.00	49.34 2.95 0.00	48.77 2.57 0.00	48.25 2.47 0.00	31.86 1.65 0.00	21.84 1.34 0.00	27.75 1.76 0.00
CE_NYC2_DRP 24202	30.19 2.15 0.00	29.30 2.08 0.00	28.73 1.81 0.00	11.48 0.77 0.00	3.80 0.27 0.00	11.52 0.81 -0.01	32.02 2.07 0.00	34.54 2.35 0.00	33.58 2.42 0.00	31.80 2.32 0.00	34.02 2.53 0.00	31.31 2.47 0.00	31.43 2.49 0.00	31.53 2.46 0.00	33.21 2.48 0.00	35.61 2.68 0.00	39.20 2.89 0.00	40.63 3.00 0.00	49.82 3.42 0.00	49.18 2.98 0.00	48.67 2.89 0.00	32.18 1.97 0.00	22.05 1.56 0.00	28.02 2.03 0.00
CE_NYC_DRP 24195	30.15 2.12 0.00	29.26 2.05 0.00	28.68 1.77 0.00	11.47 0.75 0.00	3.79 0.26 0.00	11.49 0.79 0.00	31.97 2.02 0.00	34.50 2.31 0.00	33.53 2.37 0.00	31.74 2.27 0.00	33.96 2.47 0.00	31.24 2.39 0.00	31.36 2.43 0.00	31.47 2.39 0.00	33.13 2.40 0.00	35.53 2.60 0.00	39.15 2.84 0.00	40.59 2.97 0.00	49.81 3.42 0.00	49.20 2.99 0.00	48.67 2.89 0.00	32.16 1.95 0.00	22.03 1.54 0.00	28.01 2.02 0.00
CHAFFEE___LFGE 323603	25.16 -1.49 1.39	25.74 -1.47 0.00	25.55 -1.36 0.00	10.18 -0.54 0.00	3.35 -0.18 0.00	10.03 -0.53 0.14	21.38 -1.44 7.14	18.86 -1.55 11.77	18.25 -1.35 11.56	17.31 -1.33 10.84	19.43 -1.43 10.63	15.70 -1.58 11.57	21.25 -1.33 6.35	17.64 -1.31 10.13	21.06 -1.26 8.42	31.28 -1.65 0.00	34.44 -1.88 0.00	35.34 -2.28 0.00	43.34 -3.05 0.00	43.70 -2.51 0.00	43.22 -2.56 0.00	28.52 -1.69 0.00	19.32 -1.17 0.00	25.25 -0.74 0.00
CHATEAUG_35_KV_LOAD 355732	27.87 -0.17 0.00	27.14 -0.08 0.00	27.01 0.10 0.00	10.73 0.02 0.00	3.52 -0.01 0.00	10.72 0.02 0.00	30.06 0.11 0.00	32.25 0.07 0.00	31.19 0.03 0.00	29.59 0.11 0.00	31.63 0.14 0.00	28.88 0.04 0.00	29.05 0.11 0.00	29.02 -0.05 0.00	30.89 0.16 0.00	33.14 0.21 0.00	36.45 0.13 0.00	37.59 -0.03 0.00	46.30 -0.09 0.00	46.59 0.38 0.00	46.38 0.60 0.00	30.57 0.35 0.00	20.45 -0.04 0.00	25.78 -0.21 0.00
CHATEAUG_WT_PWR 323614	27.86 -0.17 0.00	27.13 -0.09 0.00	27.00 0.08 0.00	10.73 0.01 0.00	3.52 -0.01 0.00	10.72 0.02 0.00	30.05 0.09 0.00	32.29 0.10 0.00	31.23 0.07 0.00	29.63 0.15 0.00	31.67 0.18 0.00	28.91 0.07 0.00	29.08 0.14 0.00	29.05 -0.03 0.00	30.92 0.19 0.00	33.17 0.24 0.00	36.48 0.16 0.00	37.59 -0.03 0.00	46.29 -0.10 0.00	46.54 0.33 0.00	46.31 0.54 0.00	30.51 0.30 0.00	20.45 -0.04 0.00	25.77 -0.22 0.00
CHAT_HIGH_FALL_HYD 323578	27.87 -0.17 0.00	27.14 -0.08 0.00	27.01 0.10 0.00	10.73 0.02 0.00	3.52 -0.01 0.00	10.72 0.02 0.00	30.06 0.11 0.00	32.25 0.07 0.00	31.19 0.03 0.00	29.59 0.11 0.00	31.63 0.14 0.00	28.88 0.04 0.00	29.05 0.11 0.00	29.02 -0.05 0.00	30.89 0.16 0.00	33.14 0.21 0.00	36.45 0.13 0.00	37.59 -0.03 0.00	46.30 -0.09 0.00	46.59 0.38 0.00	46.38 0.60 0.00	30.57 0.35 0.00	20.45 -0.04 0.00	25.78 -0.21 0.00
CHAUTAUQUA___LFGE 323629	24.94 -1.58 1.51	25.59 -1.63 0.00	25.44 -1.48 0.00	10.20 -0.52 0.00	3.34 -0.19 0.00	9.98 -0.57 0.15	20.68 -1.49 7.78	17.66 -1.68 12.84	17.18 -1.37 12.61	16.27 -1.39 11.82	18.43 -1.47 11.59	14.66 -1.57 12.62	20.76 -1.25 6.93	16.82 -1.20 11.05	20.58 -0.98 9.18	31.72 -1.21 0.00	34.91 -1.41 0.00	35.82 -1.81 0.00	43.91 -2.48 0.00	44.21 -2.00 0.00	43.74 -2.03 0.00	28.78 -1.44 0.00	19.50 -0.99 0.00	25.34 -0.65 0.00
CHERRYST_13_KV_LD 356241	30.21 2.18 0.00	29.33 2.12 0.00	28.75 1.84 0.00	11.49 0.77 0.00	3.80 0.27 0.00	11.52 0.82 0.00	32.07 2.12 0.00	34.61 2.42 0.00	33.65 2.49 0.00	31.86 2.38 0.00	34.08 2.58 0.00	31.34 2.49 0.00	31.47 2.53 0.00	31.58 2.51 0.00	33.26 2.52 0.00	35.66 2.73 0.00	39.29 2.98 0.00	40.74 3.12 0.00	49.97 3.58 0.00	49.35 3.15 0.00	48.82 3.04 0.00	32.25 2.04 0.00	22.09 1.60 0.00	28.08 2.09 0.00

CHESTROR_138KV_BK263 355645	29.58 1.54 0.00	28.71 1.50 0.00	28.19 1.27 0.00	11.25 0.54 0.00	3.72 0.19 0.00	11.25 0.55 0.00	31.39 1.43 0.00	33.81 1.62 0.00	32.81 1.65 0.00	31.03 1.56 0.00	33.22 1.73 0.00	30.54 1.70 0.00	30.67 1.74 0.00	30.77 1.70 0.00	32.44 1.70 0.00	34.79 1.86 0.00	38.38 2.07 0.00	39.81 2.19 0.00	48.91 2.52 0.00	48.40 2.20 0.00	47.88 2.10 0.00	31.62 1.41 0.00	21.65 1.16 0.00	27.50 1.52 0.00
CH_MIDHUDSON___DRP 24192	29.80 1.76 0.00	28.92 1.70 0.00	28.40 1.49 0.00	11.35 0.63 0.00	3.75 0.22 0.00	11.35 0.65 0.00	31.61 1.66 0.00	34.06 1.87 0.00	33.06 1.89 0.00	31.25 1.77 0.00	33.43 1.94 0.00	30.74 1.89 0.00	30.87 1.94 0.00	30.98 1.91 0.00	32.64 1.91 0.00	34.99 2.06 0.00	38.60 2.29 0.00	40.05 2.43 0.00	49.25 2.86 0.00	48.72 2.52 0.00	48.20 2.42 0.00	31.83 1.62 0.00	21.81 1.32 0.00	27.70 1.71 0.00
CH_MISC_IPPS 23765	29.95 1.92 0.00	29.07 1.85 0.00	28.53 1.62 0.00	11.40 0.68 0.00	3.76 0.23 0.00	11.41 0.70 0.00	31.79 1.83 0.00	34.27 2.08 0.00	33.27 2.11 0.00	31.45 1.98 0.00	33.67 2.17 0.00	30.95 2.10 0.00	31.10 2.16 0.00	31.21 2.13 0.00	32.87 2.13 0.00	35.25 2.32 0.00	38.90 2.58 0.00	40.35 2.74 0.00	49.60 3.21 0.00	49.06 2.85 0.00	48.54 2.77 0.00	32.05 1.84 0.00	21.94 1.45 0.00	27.85 1.86 0.00
CH_RES_BVR_FALLS 23983	27.46 -0.58 0.00	26.71 -0.51 0.00	26.57 -0.35 0.00	10.59 -0.13 0.00	3.48 -0.05 0.00	10.53 -0.17 0.00	29.55 -0.40 0.00	31.82 -0.36 0.00	30.77 -0.40 0.00	29.12 -0.36 0.00	31.04 -0.45 0.00	28.37 -0.48 0.00	28.40 -0.53 0.00	28.61 -0.46 0.00	30.18 -0.55 0.00	32.37 -0.56 0.00	35.71 -0.61 0.00	36.95 -0.67 0.00	45.52 -0.87 0.00	45.49 -0.72 0.00	45.15 -0.63 0.00	29.84 -0.38 0.00	20.15 -0.34 0.00	25.47 -0.52 0.00
CH_RES_NIAGARA 23895	24.29 -2.41 1.34	24.98 -2.23 0.00	24.85 -2.07 0.00	9.89 -0.83 0.00	3.24 -0.29 0.00	9.69 -0.88 0.13	20.52 -2.55 6.88	17.99 -2.83 11.36	17.42 -2.59 11.15	16.51 -2.49 10.47	18.59 -2.67 10.24	14.98 -2.69 11.17	20.37 -2.45 6.12	16.85 -2.46 9.76	20.20 -2.46 8.07	30.07 -2.86 0.00	33.04 -3.28 0.00	33.64 -3.98 0.00	41.18 -5.21 0.00	41.62 -4.58 0.00	41.21 -4.57 0.00	27.19 -3.02 0.00	18.43 -2.06 0.00	24.23 -1.76 0.00
CH_RES_SYRACUSE 23985	27.73 -0.31 0.00	26.92 -0.30 0.00	26.59 -0.33 0.00	10.59 -0.13 0.00	3.49 -0.04 0.00	10.59 -0.12 0.00	29.59 -0.36 0.00	31.84 -0.35 0.00	30.85 -0.31 0.00	29.18 -0.30 0.00	31.15 -0.35 0.00	28.47 -0.37 0.00	28.58 -0.36 0.00	28.72 -0.35 0.00	30.39 -0.34 0.00	32.52 -0.40 0.00	35.88 -0.44 0.00	37.20 -0.43 0.00	45.88 -0.51 0.00	45.66 -0.54 0.00	45.25 -0.53 0.00	29.88 -0.34 0.00	20.31 -0.19 0.00	25.89 -0.10 0.00
CLINTON_WT_PWR 323605	27.86 -0.17 0.00	27.13 -0.09 0.00	27.00 0.08 0.00	10.73 0.01 0.00	3.52 -0.01 0.00	10.72 0.02 0.00	30.05 0.09 0.00	32.29 0.10 0.00	31.23 0.07 0.00	29.63 0.15 0.00	31.67 0.18 0.00	28.91 0.07 0.00	29.08 0.14 0.00	29.05 -0.03 0.00	30.92 0.19 0.00	33.17 0.24 0.00	36.48 0.16 0.00	37.59 -0.03 0.00	46.29 -0.10 0.00	46.54 0.33 0.00	46.31 0.54 0.00	30.51 0.30 0.00	20.45 -0.04 0.00	25.77 -0.22 0.00
CLINTON___LFGE 323618	28.08 0.04 0.00	27.29 0.08 0.00	27.17 0.26 0.00	10.80 0.09 0.00	3.55 0.02 0.00	10.82 0.11 0.00	30.28 0.33 0.00	32.55 0.36 0.00	31.40 0.24 0.00	29.81 0.33 0.00	31.86 0.37 0.00	29.05 0.20 0.00	29.26 0.32 0.00	29.14 0.07 0.00	31.10 0.37 0.00	33.39 0.46 0.00	36.70 0.38 0.00	37.93 0.30 0.00	46.70 0.31 0.00	47.03 0.83 0.00	46.84 1.06 0.00	30.82 0.61 0.00	20.63 0.14 0.00	25.98 -0.01 0.00
COBBLENY_34_KV_TB1 80064	25.13 -1.52 1.39	25.74 -1.48 0.00	25.55 -1.37 0.00	10.18 -0.54 0.00	3.35 -0.18 0.00	10.03 -0.54 0.14	21.35 -1.47 7.14	18.80 -1.61 11.77	18.20 -1.41 11.56	17.27 -1.37 10.84	19.39 -1.47 10.63	15.64 -1.64 11.57	21.21 -1.37 6.35	17.58 -1.37 10.13	21.02 -1.30 8.42	31.28 -1.65 0.00	34.44 -1.88 0.00	35.34 -2.28 0.00	43.34 -3.05 0.00	43.70 -2.50 0.00	43.23 -2.55 0.00	28.52 -1.69 0.00	19.32 -1.17 0.00	25.24 -0.74 0.00
COFFEEN___115KV_TB3 355620	27.36 -0.68 0.00	26.61 -0.60 0.00	26.28 -0.63 0.00	10.43 -0.29 0.00	3.43 -0.10 0.00	10.45 -0.26 0.00	29.48 -0.47 0.00	31.75 -0.44 0.00	30.83 -0.33 0.00	28.92 -0.56 0.00	30.67 -0.82 0.00	27.56 -1.28 0.00	27.21 -1.73 0.00	27.77 -1.30 0.00	29.53 -1.21 0.00	31.53 -1.40 0.00	35.29 -1.02 0.00	36.84 -0.78 0.00	45.41 -0.98 0.00	45.71 -0.49 0.00	45.31 -0.47 0.00	30.03 -0.18 0.00	20.27 -0.21 0.00	25.44 -0.55 0.00
COLDSPRG_115KV_BK1 355956	26.34 -0.91 0.78	26.27 -0.94 0.00	26.13 -0.78 0.00	10.47 -0.25 0.00	3.44 -0.09 0.00	10.37 -0.25 0.08	25.42 -0.52 4.02	24.91 -0.64 6.63	24.30 -0.35 6.51	22.98 -0.38 6.12	25.11 -0.40 5.98	21.66 -0.66 6.53	24.98 -0.39 3.57	22.99 -0.39 5.69	25.87 -0.16 4.70	32.55 -0.38 0.00	35.74 -0.58 0.00	36.72 -0.91 0.00	45.03 -1.36 0.00	45.27 -0.93 0.00	44.75 -1.03 0.00	29.49 -0.72 0.00	19.99 -0.50 0.00	25.94 -0.05 0.00
COLONIE_LFGE___ 323577	29.03 1.00 0.00	28.16 0.94 0.00	27.75 0.83 0.00	11.07 0.35 0.00	3.65 0.12 0.00	11.07 0.37 0.00	30.88 0.93 0.00	33.14 0.96 0.00	31.89 0.73 0.00	30.04 0.57 0.00	32.08 0.59 0.00	29.49 0.65 0.00	29.45 0.52 0.00	29.67 0.60 0.00	31.21 0.48 0.00	33.43 0.50 0.00	37.04 0.72 0.00	38.64 1.02 0.00	47.90 1.52 0.00	47.53 1.33 0.00	46.99 1.21 0.00	31.15 0.94 0.00	21.30 0.81 0.00	27.03 1.05 0.00
COOPERNY_115KV_TB1 80082	29.15 1.11 0.00	28.29 1.08 0.00	27.82 0.90 0.00	11.10 0.38 0.00	3.66 0.14 0.00	11.10 0.39 0.00	30.96 1.01 0.00	33.34 1.15 0.00	32.33 1.17 0.00	30.59 1.12 0.00	32.73 1.24 0.00	30.05 1.21 0.00	30.18 1.25 0.00	30.28 1.21 0.00	31.96 1.22 0.00	34.26 1.33 0.00	37.79 1.48 0.00	39.18 1.56 0.00	48.19 1.80 0.00	47.76 1.56 0.00	47.26 1.48 0.00	31.22 1.00 0.00	21.33 0.84 0.00	27.09 1.11 0.00
COPENHAGEN_WT_PWR 323753	27.02 -1.01 0.00	26.35 -0.86 0.00	26.00 -0.92 0.00	10.30 -0.42 0.00	3.39 -0.14 0.00	10.31 -0.39 0.00	29.08 -0.87 0.00	31.35 -0.83 0.00	30.50 -0.66 0.00	28.62 -0.86 0.00	30.43 -1.06 0.00	27.45 -1.39 0.00	27.04 -1.89 0.00	27.52 -1.55 0.00	29.22 -1.51 0.00	31.13 -1.80 0.00	34.75 -1.56 0.00	36.27 -1.35 0.00	44.73 -1.66 0.00	44.96 -1.25 0.00	44.51 -1.27 0.00	29.59 -0.62 0.00	20.01 -0.49 0.00	25.10 -0.89 0.00
CORNELL_____ 23752	28.76 0.13 -0.59	27.34 0.13 0.00	27.00 0.08 0.00	10.76 0.04 0.00	3.55 0.02 0.00	10.83 0.07 -0.06	33.27 0.25 -3.06	37.52 0.30 -5.03	36.44 0.33 -4.94	34.30 0.20 -4.63	36.24 0.18 -4.57	33.88 0.10 -4.94	31.87 0.19 -2.75	33.63 0.18 -4.37	34.69 0.25 -3.71	33.09 0.16 0.00	36.45 0.14 0.00	37.89 0.27 0.00	46.83 0.43 0.00	46.80 0.59 0.00	46.34 0.56 0.00	30.59 0.38 0.00	20.77 0.27 0.00	26.50 0.51 0.00

CORONA_69_KV_TB1 355595	54.63 2.64 -23.95	45.89 2.56 -16.12	32.48 2.27 -3.29	14.85 0.94 -3.19	22.73 0.33 -18.87	52.96 0.97 -41.28	50.64 2.55 -18.14	34.98 2.79 0.00	34.03 2.85 -0.01	38.18 2.65 -6.05	85.32 2.97 -50.86	103.77 2.85 -72.07	139.31 2.89 -107.48	146.92 2.82 -115.03	160.25 2.88 -126.64	92.16 3.14 -56.09	89.76 3.42 -50.03	94.47 3.49 -53.36	98.00 4.17 -47.45	113.62 3.79 -63.63	100.22 3.65 -50.79	101.26 2.42 -68.63	92.35 1.93 -69.93	88.14 2.49 -59.67
CORTLAND_115KV_TB3 80093	28.11 0.08 0.00	27.29 0.08 0.00	26.94 0.03 0.00	10.73 0.02 0.00	3.54 0.01 0.00	10.74 0.04 0.00	30.10 0.14 0.00	32.40 0.21 0.00	31.40 0.23 0.00	29.65 0.17 0.00	31.66 0.17 0.00	28.91 0.07 0.00	29.07 0.13 0.00	29.20 0.12 0.00	30.89 0.15 -0.01	33.00 0.07 0.00	36.37 0.05 0.00	37.72 0.09 0.00	46.56 0.17 0.00	46.47 0.26 0.00	46.01 0.24 0.00	30.38 0.17 0.00	20.66 0.17 0.00	26.33 0.35 0.00
COXSACKIE___GT 23611	29.70 1.66 0.00	28.74 1.53 0.00	28.33 1.41 0.00	11.30 0.58 0.00	3.73 0.20 0.00	11.33 0.63 0.00	31.70 1.75 0.00	34.12 1.93 0.00	32.93 1.77 0.00	31.02 1.54 0.00	32.88 1.39 0.00	29.98 1.14 0.00	29.94 1.01 0.00	30.45 1.38 0.00	32.26 1.53 0.00	34.64 1.71 0.00	38.00 1.69 0.00	39.38 1.76 0.00	49.11 2.72 0.00	48.94 2.74 0.00	48.57 2.80 0.00	32.08 1.87 0.00	21.88 1.39 0.00	27.70 1.71 0.00
CPV_VALLEY___CC1 323721	29.41 1.38 0.00	28.54 1.33 0.00	28.02 1.10 0.00	11.18 0.46 0.00	3.69 0.17 0.00	11.17 0.47 0.00	31.18 1.23 0.00	33.58 1.39 0.00	32.57 1.40 0.00	30.83 1.35 0.00	33.00 1.51 0.00	30.32 1.48 0.00	30.45 1.51 0.00	30.55 1.48 0.00	32.22 1.48 0.00	34.55 1.62 0.00	38.11 1.80 0.00	39.52 1.90 0.00	48.57 2.18 0.00	48.08 1.87 0.00	47.56 1.79 0.00	31.43 1.21 0.00	21.51 1.02 0.00	27.32 1.34 0.00
CPV_VALLEY___CC2 323722	29.41 1.38 0.00	28.54 1.33 0.00	28.02 1.10 0.00	11.18 0.46 0.00	3.69 0.17 0.00	11.17 0.47 0.00	31.18 1.23 0.00	33.58 1.39 0.00	32.57 1.40 0.00	30.83 1.35 0.00	33.00 1.51 0.00	30.32 1.48 0.00	30.45 1.51 0.00	30.55 1.48 0.00	32.22 1.48 0.00	34.55 1.62 0.00	38.11 1.80 0.00	39.52 1.90 0.00	48.57 2.18 0.00	48.08 1.87 0.00	47.56 1.79 0.00	31.43 1.21 0.00	21.51 1.02 0.00	27.32 1.34 0.00
CRESCENT___HYD 24018	29.03 1.00 0.00	28.16 0.94 0.00	27.75 0.83 0.00	11.07 0.35 0.00	3.65 0.12 0.00	11.07 0.37 0.00	30.88 0.93 0.00	33.14 0.96 0.00	31.89 0.73 0.00	30.04 0.57 0.00	32.08 0.59 0.00	29.49 0.65 0.00	29.45 0.52 0.00	29.67 0.60 0.00	31.21 0.48 0.00	33.43 0.50 0.00	37.04 0.72 0.00	38.64 1.02 0.00	47.90 1.52 0.00	47.53 1.33 0.00	46.99 1.21 0.00	31.15 0.94 0.00	21.30 0.81 0.00	27.03 1.05 0.00
CRICKET___VALLEY_CC1 323756	29.53 1.49 0.00	28.69 1.47 0.00	28.18 1.27 0.00	11.26 0.54 0.00	3.72 0.19 0.00	11.27 0.56 0.00	31.30 1.34 0.00	33.70 1.51 0.00	32.68 1.52 0.00	30.92 1.44 0.00	33.08 1.58 0.00	30.41 1.56 0.00	30.53 1.59 0.00	30.63 1.56 0.00	32.28 1.55 0.00	34.63 1.69 0.00	38.19 1.88 0.00	39.61 1.99 0.00	48.70 2.31 0.00	48.16 1.95 0.00	47.64 1.87 0.00	31.48 1.27 0.00	21.62 1.13 0.00	27.45 1.47 0.00
CRICKET___VALLEY_CC2 323757	29.53 1.49 0.00	28.69 1.47 0.00	28.18 1.27 0.00	11.26 0.54 0.00	3.72 0.19 0.00	11.27 0.56 0.00	31.30 1.34 0.00	33.70 1.51 0.00	32.68 1.52 0.00	30.92 1.44 0.00	33.08 1.58 0.00	30.41 1.56 0.00	30.53 1.59 0.00	30.63 1.56 0.00	32.28 1.55 0.00	34.63 1.69 0.00	38.19 1.88 0.00	39.61 1.99 0.00	48.70 2.31 0.00	48.16 1.95 0.00	47.64 1.87 0.00	31.48 1.27 0.00	21.62 1.13 0.00	27.45 1.47 0.00
CRICKET___VALLEY_CC3 323758	29.53 1.49 0.00	28.69 1.47 0.00	28.18 1.27 0.00	11.26 0.54 0.00	3.72 0.19 0.00	11.27 0.56 0.00	31.30 1.34 0.00	33.70 1.51 0.00	32.68 1.52 0.00	30.92 1.44 0.00	33.08 1.58 0.00	30.41 1.56 0.00	30.53 1.59 0.00	30.63 1.56 0.00	32.28 1.55 0.00	34.63 1.69 0.00	38.19 1.88 0.00	39.61 1.99 0.00	48.70 2.31 0.00	48.16 1.95 0.00	47.64 1.87 0.00	31.48 1.27 0.00	21.62 1.13 0.00	27.45 1.47 0.00
CRUCIBLE_METL_DRP 24180	27.73 -0.31 0.00	26.92 -0.30 0.00	26.59 -0.33 0.00	10.59 -0.13 0.00	3.49 -0.04 0.00	10.59 -0.12 0.00	29.59 -0.36 0.00	31.83 -0.35 0.00	30.85 -0.31 0.00	29.18 -0.30 0.00	31.14 -0.35 0.00	28.47 -0.38 0.00	28.57 -0.36 0.00	28.72 -0.36 0.00	30.39 -0.34 0.00	32.52 -0.41 0.00	35.88 -0.43 0.00	37.19 -0.43 0.00	45.88 -0.51 0.00	45.66 -0.54 0.00	45.25 -0.53 0.00	29.87 -0.34 0.00	20.31 -0.19 0.00	25.89 -0.09 0.00
DAHOWA___HYDRO 323763	29.46 1.42 0.00	28.55 1.33 0.00	28.13 1.21 0.00	11.22 0.50 0.00	3.70 0.17 0.00	11.25 0.55 0.00	31.44 1.49 0.00	33.74 1.56 0.00	32.38 1.22 0.00	30.45 0.97 0.00	32.48 0.99 0.00	29.79 0.95 0.00	29.75 0.82 0.00	30.09 1.02 0.00	31.71 0.97 0.00	34.02 1.09 0.00	37.71 1.39 0.00	39.44 1.82 0.00	48.88 2.49 0.00	48.60 2.40 0.00	48.04 2.26 0.00	31.80 1.59 0.00	21.64 1.15 0.00	27.40 1.42 0.00
DANC___LFGE 323619	27.20 -0.84 0.00	26.47 -0.74 0.00	26.13 -0.79 0.00	10.38 -0.34 0.00	3.41 -0.11 0.00	10.36 -0.34 0.00	29.12 -0.83 0.00	31.37 -0.82 0.00	30.48 -0.68 0.00	28.70 -0.77 0.00	30.58 -0.92 0.00	27.71 -1.14 0.00	27.49 -1.44 0.00	27.87 -1.20 0.00	29.53 -1.20 0.00	31.50 -1.43 0.00	35.00 -1.31 0.00	36.43 -1.19 0.00	44.94 -1.45 0.00	45.02 -1.18 0.00	44.59 -1.19 0.00	29.56 -0.65 0.00	20.06 -0.43 0.00	25.31 -0.67 0.00
DANSKAMMER___1 23586	29.95 1.92 0.00	29.07 1.85 0.00	28.53 1.62 0.00	11.40 0.68 0.00	3.76 0.23 0.00	11.41 0.70 0.00	31.79 1.83 0.00	34.27 2.08 0.00	33.27 2.11 0.00	31.45 1.98 0.00	33.67 2.17 0.00	30.95 2.10 0.00	31.10 2.16 0.00	31.21 2.13 0.00	32.87 2.13 0.00	35.25 2.32 0.00	38.90 2.58 0.00	40.35 2.74 0.00	49.60 3.21 0.00	49.06 2.85 0.00	48.54 2.77 0.00	32.05 1.84 0.00	21.94 1.45 0.00	27.85 1.86 0.00
DANSKAMMER___2 23589	29.95 1.92 0.00	29.07 1.85 0.00	28.53 1.62 0.00	11.40 0.68 0.00	3.76 0.23 0.00	11.41 0.70 0.00	31.79 1.83 0.00	34.27 2.08 0.00	33.27 2.11 0.00	31.45 1.98 0.00	33.67 2.17 0.00	30.95 2.10 0.00	31.10 2.16 0.00	31.21 2.13 0.00	32.87 2.13 0.00	35.25 2.32 0.00	38.90 2.58 0.00	40.35 2.74 0.00	49.60 3.21 0.00	49.06 2.85 0.00	48.54 2.77 0.00	32.05 1.84 0.00	21.94 1.45 0.00	27.85 1.86 0.00
DANSKAMMER___3 23590	29.95 1.92 0.00	29.07 1.85 0.00	28.53 1.62 0.00	11.40 0.68 0.00	3.76 0.23 0.00	11.41 0.70 0.00	31.79 1.83 0.00	34.27 2.08 0.00	33.27 2.11 0.00	31.45 1.98 0.00	33.67 2.17 0.00	30.95 2.10 0.00	31.10 2.16 0.00	31.21 2.13 0.00	32.87 2.13 0.00	35.25 2.32 0.00	38.90 2.58 0.00	40.35 2.74 0.00	49.60 3.21 0.00	49.06 2.85 0.00	48.54 2.77 0.00	32.05 1.84 0.00	21.94 1.45 0.00	27.85 1.86 0.00

DANSKAMMER___4 23591	29.95 1.92 0.00	29.07 1.85 0.00	28.53 1.62 0.00	11.40 0.68 0.00	3.76 0.23 0.00	11.41 0.70 0.00	31.79 1.83 0.00	34.27 2.08 0.00	33.27 2.11 0.00	31.45 1.98 0.00	33.67 2.17 0.00	30.95 2.10 0.00	31.10 2.16 0.00	31.21 2.13 0.00	32.87 2.13 0.00	35.25 2.32 0.00	38.90 2.58 0.00	40.35 2.74 0.00	49.60 3.21 0.00	49.06 2.85 0.00	48.54 2.77 0.00	32.05 1.84 0.00	21.94 1.45 0.00	27.85 1.86 0.00
DANSKAMMER___DIESEL 23592	29.95 1.92 0.00	29.06 1.85 0.00	28.53 1.62 0.00	11.40 0.68 0.00	3.76 0.23 0.00	11.41 0.70 0.00	31.80 1.84 0.00	34.27 2.08 0.00	33.28 2.11 0.00	31.45 1.98 0.00	33.66 2.17 0.00	30.96 2.11 0.00	31.11 2.17 0.00	31.21 2.14 0.00	32.87 2.14 0.00	35.25 2.32 0.00	38.90 2.58 0.00	40.36 2.74 0.00	49.60 3.21 0.00	49.06 2.85 0.00	48.54 2.77 0.00	32.05 1.84 0.00	21.94 1.45 0.00	27.85 1.86 0.00
DARBY___SOLAR 323810	29.69 1.66 0.00	28.74 1.53 0.00	28.31 1.39 0.00	11.29 0.58 0.00	3.72 0.20 0.00	11.34 0.64 0.00	31.73 1.78 0.00	34.03 1.84 0.00	32.56 1.40 0.00	30.53 1.05 0.00	32.55 1.07 0.00	29.82 0.98 0.00	29.77 0.84 0.00	30.27 1.19 0.00	31.86 1.13 0.00	34.29 1.36 0.00	38.03 1.72 0.00	39.91 2.29 0.00	49.40 3.01 0.00	49.20 3.00 0.00	48.63 2.85 0.00	32.17 1.96 0.00	21.83 1.34 0.00	27.56 1.57 0.00
DASHVILLE___HYD 23610	29.93 1.90 0.00	29.04 1.83 0.00	28.50 1.59 0.00	11.39 0.67 0.00	3.76 0.23 0.00	11.40 0.69 0.00	31.75 1.80 0.00	34.23 2.05 0.00	33.23 2.07 0.00	31.45 1.98 0.00	33.64 2.15 0.00	30.95 2.11 0.00	31.10 2.17 0.00	31.20 2.13 0.00	32.88 2.14 0.00	35.25 2.32 0.00	38.85 2.54 0.00	40.31 2.69 0.00	49.55 3.16 0.00	49.01 2.80 0.00	48.49 2.72 0.00	32.01 1.80 0.00	21.92 1.43 0.00	27.83 1.84 0.00
DELAWARE___LFGE 323621	28.70 0.66 0.00	27.85 0.63 0.00	27.46 0.54 0.00	10.95 0.23 0.00	3.61 0.08 0.00	10.95 0.24 0.00	30.60 0.65 0.00	32.94 0.75 0.00	31.90 0.73 0.00	30.16 0.68 0.00	32.24 0.74 0.00	29.53 0.68 0.00	29.67 0.74 0.00	29.80 0.73 0.00	31.47 0.73 -0.01	33.71 0.78 0.00	37.17 0.85 0.00	38.52 0.90 0.00	47.53 1.14 0.00	47.24 1.03 0.00	46.76 0.98 0.00	30.89 0.68 0.00	21.03 0.54 0.00	26.74 0.75 0.00
DERFIELD_115KV_TB7 355931	28.08 0.05 0.00	27.26 0.05 0.00	26.92 0.01 0.00	10.73 0.01 0.00	3.53 0.01 0.00	10.72 0.01 0.00	29.95 -0.01 0.00	32.17 -0.02 0.00	31.13 -0.03 0.00	29.41 -0.06 0.00	31.42 -0.07 0.00	28.79 -0.06 0.00	28.86 -0.07 0.00	29.02 -0.05 0.00	30.64 -0.09 0.00	32.84 -0.09 0.00	36.24 -0.07 0.00	37.57 -0.05 0.00	46.34 -0.05 0.00	46.11 -0.09 0.00	45.65 -0.12 0.00	30.17 -0.04 0.00	20.53 0.04 0.00	26.06 0.07 0.00
DOGLEVILLE___HYD 23807	28.54 0.50 0.00	27.63 0.41 0.00	27.04 0.13 0.00	10.80 0.09 0.00	3.57 0.04 0.00	10.87 0.16 0.00	30.26 0.31 0.00	32.41 0.23 0.00	31.07 -0.09 0.00	29.04 -0.43 0.00	30.95 -0.54 0.00	28.42 -0.43 0.00	28.42 -0.51 0.00	28.66 -0.41 0.00	30.32 -0.41 0.00	32.59 -0.34 0.00	36.00 -0.31 0.00	37.52 -0.10 0.00	46.72 0.33 0.00	46.41 0.21 0.00	45.91 0.13 0.00	30.37 0.15 0.00	20.91 0.42 0.00	26.49 0.51 0.00
DUNKIRK__115KV_TB_200 55889	24.93 -1.57 1.54	25.62 -1.59 0.00	25.47 -1.45 0.00	10.20 -0.52 0.00	3.34 -0.18 0.00	9.99 -0.56 0.16	20.55 -1.48 7.93	17.43 -1.68 13.07	16.94 -1.38 12.84	16.06 -1.38 12.04	18.22 -1.47 11.80	14.40 -1.60 12.84	20.61 -1.27 7.05	16.57 -1.26 11.25	20.34 -1.04 9.34	31.68 -1.25 0.00	34.87 -1.45 0.00	35.77 -1.85 0.00	43.86 -2.53 0.00	44.16 -2.05 0.00	43.69 -2.09 0.00	28.76 -1.46 0.00	19.49 -1.00 0.00	25.34 -0.64 0.00
DUNKIRK___1 23563	24.93 -1.57 1.54	25.62 -1.59 0.00	25.47 -1.45 0.00	10.20 -0.52 0.00	3.34 -0.18 0.00	9.99 -0.56 0.16	20.55 -1.48 7.93	17.43 -1.68 13.07	16.94 -1.38 12.84	16.06 -1.38 12.04	18.22 -1.47 11.80	14.40 -1.60 12.84	20.61 -1.27 7.05	16.57 -1.26 11.25	20.34 -1.04 9.34	31.68 -1.25 0.00	34.87 -1.45 0.00	35.77 -1.85 0.00	43.86 -2.53 0.00	44.16 -2.05 0.00	43.69 -2.09 0.00	28.76 -1.46 0.00	19.49 -1.00 0.00	25.34 -0.64 0.00
DUNKIRK___2 23564	24.93 -1.57 1.54	25.62 -1.59 0.00	25.47 -1.45 0.00	10.20 -0.52 0.00	3.34 -0.18 0.00	9.99 -0.56 0.16	20.55 -1.48 7.93	17.43 -1.68 13.07	16.94 -1.38 12.84	16.06 -1.38 12.04	18.22 -1.47 11.80	14.40 -1.60 12.84	20.61 -1.27 7.05	16.57 -1.26 11.25	20.34 -1.04 9.34	31.68 -1.25 0.00	34.87 -1.45 0.00	35.77 -1.85 0.00	43.86 -2.53 0.00	44.16 -2.05 0.00	43.69 -2.09 0.00	28.76 -1.46 0.00	19.49 -1.00 0.00	25.34 -0.64 0.00
DUNKIRK___3 23565	24.81 -1.56 1.67	25.66 -1.55 0.00	25.50 -1.42 0.00	10.19 -0.53 0.00	3.34 -0.18 0.00	9.98 -0.56 0.17	19.91 -1.47 8.57	16.38 -1.67 14.14	15.87 -1.41 13.89	15.06 -1.40 13.01	17.25 -1.48 12.76	13.31 -1.64 13.89	19.98 -1.32 7.63	15.58 -1.33 12.17	19.45 -1.17 10.11	31.51 -1.42 0.00	34.69 -1.63 0.00	35.58 -2.04 0.00	43.63 -2.76 0.00	43.93 -2.28 0.00	43.45 -2.32 0.00	28.62 -1.59 0.00	19.42 -1.08 0.00	25.28 -0.71 0.00
DUNKIRK___4 23566	24.81 -1.56 1.67	25.66 -1.55 0.00	25.50 -1.42 0.00	10.19 -0.53 0.00	3.34 -0.18 0.00	9.98 -0.56 0.17	19.91 -1.47 8.57	16.38 -1.67 14.14	15.87 -1.41 13.89	15.06 -1.40 13.01	17.25 -1.48 12.76	13.31 -1.64 13.89	19.98 -1.32 7.63	15.58 -1.33 12.17	19.45 -1.17 10.11	31.51 -1.42 0.00	34.69 -1.63 0.00	35.58 -2.04 0.00	43.63 -2.76 0.00	43.93 -2.28 0.00	43.45 -2.32 0.00	28.62 -1.59 0.00	19.42 -1.08 0.00	25.28 -0.71 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.03 1.99 0.00	29.14 1.93 0.00	28.59 1.68 0.00	11.43 0.71 0.00	3.78 0.25 0.00	11.44 0.74 0.00	31.86 1.90 0.00	34.34 2.16 0.00	33.36 2.20 0.00	31.57 2.09 0.00	33.78 2.29 0.00	31.07 2.22 0.00	31.19 2.26 0.00	31.30 2.23 0.00	32.97 2.24 0.00	35.36 2.44 0.00	38.99 2.67 0.00	40.41 2.79 0.00	49.60 3.21 0.00	49.02 2.81 0.00	48.48 2.70 0.00	32.02 1.81 0.00	21.94 1.45 0.00	27.89 1.90 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.79 1.75 0.00	28.90 1.69 0.00	28.37 1.45 0.00	11.33 0.61 0.00	3.74 0.21 0.00	11.34 0.63 0.00	31.60 1.65 0.00	34.06 1.88 0.00	33.06 1.90 0.00	31.27 1.79 0.00	33.47 1.98 0.00	30.78 1.93 0.00	30.92 1.99 0.00	31.02 1.95 0.00	32.69 1.96 0.00	35.06 2.13 0.00	38.68 2.37 0.00	40.13 2.51 0.00	49.30 2.91 0.00	48.77 2.57 0.00	48.26 2.48 0.00	31.86 1.65 0.00	21.81 1.32 0.00	27.69 1.70 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.18 2.15 0.00	29.28 2.06 0.00	28.67 1.75 0.00	11.46 0.74 0.00	3.79 0.26 0.00	11.49 0.78 -0.01	31.98 2.02 0.00	34.48 2.29 0.00	33.51 2.35 0.00	31.69 2.21 0.00	33.95 2.45 0.00	31.25 2.40 0.00	31.33 2.39 0.00	31.45 2.38 0.00	33.10 2.37 0.00	35.51 2.58 0.00	39.03 2.72 0.00	40.46 2.84 0.00	49.66 3.27 0.00	49.02 2.81 0.00	48.55 2.77 0.00	32.10 1.89 0.00	21.97 1.48 0.00	27.92 1.93 0.00

E179THST_13_KV_LOAD 356214	30.30 2.26 0.00	29.37 2.16 0.00	28.76 1.85 0.00	11.50 0.78 0.00	3.80 0.27 0.00	11.53 0.82 -0.01	32.11 2.15 0.00	34.62 2.43 0.00	33.65 2.49 0.00	31.83 2.35 0.00	34.10 2.61 0.00	31.38 2.53 0.00	31.47 2.53 0.00	31.59 2.52 0.00	33.26 2.52 0.00	35.67 2.74 0.00	39.21 2.90 0.00	40.64 3.03 0.00	49.88 3.49 0.00	49.25 3.04 0.00	48.77 2.99 0.00	32.24 2.03 0.00	22.07 1.58 0.00	28.04 2.05 0.00
EAST HAMPTON___GT 23717	55.59 3.60 -23.95	47.49 3.45 -16.84	33.74 3.08 -3.75	15.51 1.16 -3.64	25.47 0.43 -21.52	55.56 1.36 -43.50	51.94 3.84 -18.14	36.38 4.19 0.00	35.60 4.41 -0.03	33.76 3.89 -0.40	43.84 4.29 -8.06	44.23 3.92 -11.47	44.39 4.10 -11.35	44.56 4.03 -11.45	45.57 4.11 -10.72	52.47 4.34 -15.20	42.61 4.71 -1.59	44.91 4.73 -2.56	52.06 5.56 -0.12	52.09 4.80 -1.09	50.93 4.48 -0.67	28.52 2.37 4.06	24.49 1.94 -2.05	31.73 2.37 -3.37
EAST RIVER___6 23660	30.14 2.10 0.00	29.26 2.05 0.00	28.68 1.77 0.00	11.47 0.75 0.00	3.79 0.26 0.00	11.49 0.79 0.00	31.96 2.00 0.00	34.48 2.30 0.00	33.51 2.35 0.00	31.73 2.26 0.00	33.94 2.45 0.00	31.21 2.37 0.00	31.35 2.41 0.00	31.46 2.38 0.00	33.12 2.39 0.00	35.53 2.60 0.00	39.16 2.84 0.00	40.59 2.97 0.00	49.82 3.43 0.00	49.22 3.01 0.00	48.69 2.91 0.00	32.16 1.95 0.00	22.03 1.54 0.00	28.00 2.02 0.00
EAST RIVER___7 23524	30.14 2.10 0.00	29.26 2.05 0.00	28.68 1.77 0.00	11.47 0.75 0.00	3.79 0.26 0.00	11.49 0.79 0.00	31.96 2.00 0.00	34.48 2.30 0.00	33.51 2.35 0.00	31.73 2.26 0.00	33.94 2.45 0.00	31.21 2.37 0.00	31.35 2.41 0.00	31.46 2.38 0.00	33.12 2.39 0.00	35.53 2.60 0.00	39.16 2.84 0.00	40.59 2.97 0.00	49.82 3.43 0.00	49.22 3.01 0.00	48.69 2.91 0.00	32.16 1.95 0.00	22.03 1.54 0.00	28.00 2.02 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.95 1.91 0.00	29.07 1.86 0.00	28.52 1.60 0.00	11.39 0.68 0.00	3.76 0.24 0.00	11.41 0.70 0.00	31.77 1.82 0.00	34.25 2.07 0.00	33.27 2.11 0.00	31.47 1.99 0.00	33.67 2.18 0.00	30.96 2.12 0.00	31.10 2.16 0.00	31.19 2.12 0.00	32.87 2.13 0.00	35.26 2.33 0.00	38.88 2.56 0.00	40.30 2.68 0.00	49.48 3.09 0.00	48.90 2.69 0.00	48.38 2.60 0.00	31.95 1.74 0.00	21.90 1.41 0.00	27.84 1.85 0.00
EAST_HAMPTON___DIESEL 23722	55.56 3.58 -23.95	47.47 3.42 -16.84	33.72 3.05 -3.75	15.49 1.14 -3.64	25.47 0.42 -21.52	55.55 1.35 -43.50	51.91 3.81 -18.14	36.35 4.16 0.00	35.58 4.39 -0.03	33.75 3.88 -0.40	43.81 4.26 -8.06	44.20 3.89 -11.47	44.37 4.08 -11.35	44.54 4.02 -11.45	45.54 4.09 -10.72	52.43 4.30 -15.20	42.57 4.66 -1.59	44.87 4.69 -2.56	52.00 5.49 -0.12	51.99 4.70 -1.09	50.83 4.38 -0.67	28.43 2.28 4.06	24.43 1.89 -2.05	31.65 2.29 -3.37
EAST_POINT___SOLAR 323840	29.27 1.23 0.00	28.38 1.17 0.00	28.07 1.16 0.00	11.15 0.44 0.00	3.68 0.15 0.00	11.17 0.46 0.00	31.38 1.43 0.00	33.79 1.61 0.00	32.35 1.18 0.00	30.32 0.84 0.00	32.20 0.71 0.00	29.30 0.45 0.00	29.51 0.58 0.00	29.75 0.68 0.00	31.54 0.81 0.00	34.03 1.10 0.00	37.41 1.09 0.00	38.90 1.28 0.00	48.42 2.03 0.00	48.45 2.25 0.00	48.33 2.55 0.00	31.84 1.63 0.00	21.46 0.97 0.00	27.17 1.18 0.00
EAST_PULASKI___ESR 323781	27.38 -0.66 0.00	26.60 -0.62 0.00	26.27 -0.65 0.00	10.45 -0.27 0.00	3.44 -0.09 0.00	10.43 -0.28 0.00	29.21 -0.75 0.00	31.43 -0.76 0.00	30.47 -0.69 0.00	28.79 -0.68 0.00	30.72 -0.77 0.00	27.96 -0.89 0.00	27.92 -1.01 0.00	28.19 -0.88 0.00	29.81 -0.92 0.00	31.86 -1.07 0.00	35.26 -1.06 0.00	36.62 -1.00 0.00	45.16 -1.23 0.00	45.10 -1.11 0.00	44.68 -1.10 0.00	29.56 -0.66 0.00	20.11 -0.39 0.00	25.51 -0.48 0.00
EAST_RIVER___1 323558	30.15 2.11 0.00	29.26 2.05 0.00	28.68 1.77 0.00	11.47 0.75 0.00	3.79 0.26 0.00	11.49 0.79 0.00	31.97 2.02 0.00	34.49 2.31 0.00	33.53 2.36 0.00	31.74 2.27 0.00	33.95 2.46 0.00	31.22 2.37 0.00	31.36 2.42 0.00	31.46 2.38 0.00	33.12 2.39 0.00	35.54 2.60 0.00	39.16 2.84 0.00	40.59 2.97 0.00	49.81 3.42 0.00	49.20 3.00 0.00	48.67 2.89 0.00	32.16 1.95 0.00	22.03 1.54 0.00	28.01 2.02 0.00
EAST_RIVER___2 323559	30.14 2.10 0.00	29.26 2.05 0.00	28.68 1.77 0.00	11.47 0.75 0.00	3.79 0.26 0.00	11.49 0.79 0.00	31.96 2.00 0.00	34.48 2.30 0.00	33.51 2.35 0.00	31.73 2.26 0.00	33.94 2.45 0.00	31.21 2.37 0.00	31.35 2.41 0.00	31.46 2.38 0.00	33.12 2.39 0.00	35.53 2.60 0.00	39.16 2.84 0.00	40.59 2.97 0.00	49.82 3.43 0.00	49.22 3.01 0.00	48.69 2.91 0.00	32.16 1.95 0.00	22.03 1.54 0.00	28.00 2.02 0.00
EAST___DELAWARE_HYD 23607	29.99 1.96 0.00	29.24 2.03 0.00	28.73 1.81 0.00	11.48 0.76 0.00	3.79 0.26 0.00	11.50 0.79 0.00	32.07 2.12 0.00	34.58 2.40 0.00	33.59 2.43 0.00	31.75 2.27 0.00	34.04 2.55 0.00	31.30 2.46 0.00	31.47 2.54 0.00	31.54 2.47 0.00	33.23 2.49 0.00	35.60 2.67 0.00	39.31 2.99 0.00	40.81 3.19 0.00	50.18 3.79 0.00	49.66 3.46 0.00	49.12 3.35 0.00	32.38 2.17 0.00	22.11 1.62 0.00	28.07 2.08 0.00
EIGHT_POINT___WT_PWR 323820	31.36 -2.30 -5.62	25.03 -2.19 0.00	24.73 -2.19 0.00	9.85 -0.86 0.00	3.27 -0.26 0.00	10.57 -0.70 -0.57	57.21 -1.73 -28.99	78.02 -1.95 -47.78	76.43 -1.65 -46.92	71.79 -1.52 -43.84	73.01 -1.69 -43.21	74.07 -1.57 -46.79	53.37 -1.47 -25.91	68.69 -1.64 -41.25	63.79 -1.62 -34.68	31.11 -1.82 0.00	34.54 -1.77 0.00	36.03 -1.59 0.00	44.44 -1.94 0.00	44.94 -1.26 0.00	44.54 -1.24 0.00	29.42 -0.79 0.00	20.00 -0.49 0.00	25.88 -0.10 0.00
ELBRIDGE_115KV_TB2 80188	27.53 -0.51 0.00	26.73 -0.48 0.00	26.42 -0.50 0.00	10.52 -0.19 0.00	3.47 -0.06 0.00	10.52 -0.19 0.00	29.37 -0.59 0.00	31.57 -0.61 0.00	30.58 -0.58 0.00	28.94 -0.54 0.00	30.88 -0.61 0.00	28.22 -0.62 0.00	28.34 -0.59 0.00	28.45 -0.62 0.00	30.12 -0.61 0.00	32.24 -0.69 0.00	35.57 -0.75 0.00	36.88 -0.74 0.00	45.48 -0.91 0.00	45.25 -0.96 0.00	44.85 -0.93 0.00	29.62 -0.59 0.00	20.13 -0.36 0.00	25.69 -0.30 0.00
ELEC_TRO_TEK 24086	54.49 2.50 -23.95	45.74 2.42 -16.11	32.35 2.15 -3.29	14.79 0.89 -3.18	22.66 0.31 -18.82	52.92 0.93 -41.28	50.52 2.42 -18.14	34.86 2.68 0.00	33.91 2.73 -0.01	35.13 2.51 -3.14	61.29 2.83 -26.97	69.74 2.71 -38.19	87.16 2.76 -55.47	91.06 2.74 -59.25	99.91 2.78 -66.40	65.14 3.01 -29.20	64.11 3.27 -24.52	64.02 3.33 -23.06	70.76 3.97 -20.40	80.13 3.61 -30.32	73.25 3.46 -24.02	59.89 2.27 -27.41	53.49 1.83 -31.16	55.87 2.37 -27.52
ELLENBURG_WT_PWR 323604	27.86 -0.17 0.00	27.13 -0.09 0.00	27.00 0.08 0.00	10.73 0.01 0.00	3.52 -0.01 0.00	10.72 0.02 0.00	30.05 0.09 0.00	32.29 0.10 0.00	31.23 0.07 0.00	29.63 0.15 0.00	31.67 0.18 0.00	28.91 0.07 0.00	29.08 0.14 0.00	29.05 -0.03 0.00	30.92 0.19 0.00	33.17 0.24 0.00	36.48 0.16 0.00	37.59 -0.03 0.00	46.29 -0.10 0.00	46.54 0.33 0.00	46.31 0.54 0.00	30.51 0.30 0.00	20.45 -0.04 0.00	25.77 -0.22 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	24.40 -1.86 1.78	25.45 -1.76 0.00	25.29 -1.63 0.00	10.08 -0.64 0.00	3.31 -0.22 0.00	9.87 -0.66 0.18	18.94 -1.86 9.16	15.03 -2.05 15.10	14.51 -1.82 14.83	13.80 -1.76 13.91	15.99 -1.89 13.62	12.00 -2.00 14.85	19.05 -1.74 8.14	14.33 -1.74 12.99	18.30 -1.68 10.75	30.89 -2.04 0.00	34.00 -2.31 0.00	34.85 -2.77 0.00	42.71 -3.68 0.00	43.08 -3.12 0.00	42.63 -3.14 0.00	28.12 -2.09 0.00	19.05 -1.44 0.00	24.93 -1.06 0.00
EMPIRE_CC_1 323656	28.80 0.77 0.00	27.94 0.73 0.00	27.55 0.63 0.00	11.00 0.28 0.00	3.63 0.10 0.00	10.99 0.28 0.00	30.56 0.61 0.00	32.79 0.61 0.00	31.55 0.39 0.00	29.72 0.25 0.00	31.76 0.27 0.00	29.28 0.43 0.00	29.22 0.28 0.00	29.40 0.33 0.00	30.87 0.13 0.00	33.06 0.12 0.00	36.57 0.25 0.00	38.13 0.51 0.00	47.25 0.87 0.00	46.84 0.64 0.00	46.31 0.54 0.00	30.78 0.56 0.00	21.13 0.64 0.00	26.81 0.83 0.00
EMPIRE_CC_2 323658	28.80 0.77 0.00	27.94 0.73 0.00	27.55 0.63 0.00	11.00 0.28 0.00	3.63 0.10 0.00	10.99 0.28 0.00	30.56 0.61 0.00	32.79 0.61 0.00	31.55 0.39 0.00	29.72 0.25 0.00	31.76 0.27 0.00	29.28 0.43 0.00	29.22 0.28 0.00	29.40 0.33 0.00	30.87 0.13 0.00	33.06 0.12 0.00	36.57 0.25 0.00	38.13 0.51 0.00	47.25 0.87 0.00	46.84 0.64 0.00	46.31 0.54 0.00	30.78 0.56 0.00	21.13 0.64 0.00	26.81 0.83 0.00
ENORWICH_115KV_TB1 80156	28.71 0.38 -0.29	27.72 0.51 0.00	27.39 0.48 0.00	10.90 0.18 0.00	3.59 0.06 0.00	11.02 0.29 -0.03	32.54 1.06 -1.52	35.72 1.03 -2.51	34.46 0.83 -2.47	32.28 0.50 -2.31	34.18 0.41 -2.28	31.58 0.27 -2.46	30.92 0.61 -1.37	32.07 0.83 -2.17	33.49 0.91 -1.84	33.66 0.73 0.00	36.99 0.68 0.00	38.75 1.13 0.00	48.18 1.79 0.00	48.43 2.23 0.00	48.00 2.22 0.00	31.64 1.43 0.00	21.40 0.90 0.00	27.38 1.40 0.00
ERIE_ST__34_KV_TB1-2 80199	25.17 -1.37 1.50	25.87 -1.35 0.00	25.67 -1.25 0.00	10.22 -0.50 0.00	3.36 -0.17 0.00	10.07 -0.48 0.15	20.98 -1.28 7.69	18.06 -1.42 12.70	17.50 -1.19 12.47	16.62 -1.17 11.69	18.78 -1.23 11.47	14.94 -1.44 12.47	20.91 -1.16 6.86	16.96 -1.19 10.93	20.54 -1.08 9.11	31.46 -1.47 0.00	34.63 -1.69 0.00	35.53 -2.09 0.00	43.56 -2.83 0.00	43.90 -2.31 0.00	43.42 -2.36 0.00	28.65 -1.57 0.00	19.41 -1.08 0.00	25.33 -0.65 0.00
ERIE_WT_PWR 323693	24.67 -1.67 1.70	25.58 -1.63 0.00	25.39 -1.53 0.00	10.12 -0.60 0.00	3.32 -0.20 0.00	9.93 -0.60 0.17	19.59 -1.63 8.72	15.99 -1.80 14.40	15.45 -1.57 14.14	14.69 -1.53 13.25	16.84 -1.65 13.00	12.92 -1.78 14.14	19.63 -1.53 7.77	15.19 -1.50 12.39	18.98 -1.45 10.30	31.06 -1.87 0.00	34.22 -2.10 0.00	35.12 -2.50 0.00	43.08 -3.32 0.00	43.41 -2.79 0.00	42.95 -2.83 0.00	28.34 -1.87 0.00	19.20 -1.29 0.00	25.11 -0.88 0.00
ESPRGFLD_115KV_TB1 80157	28.62 0.58 0.00	27.79 0.58 0.00	27.52 0.60 0.00	10.94 0.22 0.00	3.60 0.07 0.00	10.93 0.23 0.00	30.71 0.75 0.00	33.13 0.94 0.00	32.07 0.91 0.00	30.30 0.82 0.00	32.32 0.83 0.00	29.51 0.67 0.00	29.70 0.77 0.00	29.91 0.84 0.00	31.58 0.84 0.00	33.91 0.98 0.00	37.32 1.00 0.00	38.52 0.90 0.00	47.57 1.17 0.00	47.53 1.33 0.00	47.27 1.49 0.00	31.15 0.94 0.00	20.99 0.50 0.00	26.63 0.64 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.64 0.11 -0.49	27.33 0.11 0.00	26.98 0.07 0.00	10.75 0.03 0.00	3.54 0.02 0.00	10.81 0.06 -0.05	32.72 0.22 -2.55	36.64 0.27 -4.18	35.57 0.29 -4.12	33.50 0.17 -3.85	35.45 0.15 -3.81	33.02 0.07 -4.11	31.38 0.16 -2.29	32.86 0.15 -3.64	34.02 0.20 -3.09	33.06 0.12 0.00	36.42 0.10 0.00	37.83 0.21 0.00	46.74 0.35 0.00	46.70 0.50 0.00	46.26 0.48 0.00	30.54 0.33 0.00	20.73 0.24 0.00	26.45 0.46 0.00
ETNA____115KV_TB2 80207	28.64 0.11 -0.49	27.33 0.11 0.00	26.98 0.07 0.00	10.75 0.03 0.00	3.54 0.02 0.00	10.81 0.06 -0.05	32.72 0.22 -2.55	36.64 0.27 -4.18	35.57 0.29 -4.12	33.50 0.17 -3.85	35.45 0.15 -3.81	33.02 0.07 -4.11	31.38 0.16 -2.29	32.86 0.15 -3.64	34.02 0.20 -3.09	33.06 0.12 0.00	36.42 0.10 0.00	37.83 0.21 0.00	46.74 0.35 0.00	46.70 0.50 0.00	46.26 0.48 0.00	30.54 0.33 0.00	20.73 0.24 0.00	26.45 0.46 0.00
EUCLID__115KV_TB2 356179	27.53 -0.51 0.00	26.73 -0.49 0.00	26.40 -0.52 0.00	10.52 -0.20 0.00	3.47 -0.06 0.00	10.50 -0.20 0.00	29.36 -0.60 0.00	31.61 -0.58 0.00	30.69 -0.47 0.00	29.02 -0.46 0.00	30.98 -0.52 0.00	28.31 -0.53 0.00	28.42 -0.51 0.00	28.58 -0.49 0.00	30.23 -0.50 0.00	32.35 -0.58 0.00	35.69 -0.62 0.00	36.99 -0.63 0.00	45.61 -0.78 0.00	45.42 -0.78 0.00	44.98 -0.79 0.00	29.71 -0.50 0.00	20.21 -0.29 0.00	25.76 -0.23 0.00
E_CANADA_CAP_HY 24051	28.83 0.79 0.00	27.98 0.77 0.00	27.73 0.82 0.00	11.02 0.30 0.00	3.63 0.10 0.00	10.99 0.29 0.00	30.86 0.91 0.00	33.26 1.07 0.00	32.09 0.92 0.00	30.22 0.74 0.00	32.16 0.67 0.00	29.38 0.53 0.00	29.48 0.55 0.00	29.76 0.68 0.00	31.44 0.71 0.00	33.87 0.94 0.00	37.30 0.99 0.00	38.50 0.88 0.00	47.62 1.23 0.00	47.70 1.49 0.00	47.52 1.74 0.00	31.32 1.11 0.00	21.08 0.58 0.00	26.69 0.70 0.00
E_CANADA_MHWK_HY 24050	28.54 0.50 0.00	27.63 0.41 0.00	27.05 0.13 0.00	10.80 0.09 0.00	3.57 0.04 0.00	10.87 0.16 0.00	30.26 0.30 0.00	32.41 0.22 0.00	31.07 -0.09 0.00	29.04 -0.43 0.00	30.95 -0.55 0.00	28.42 -0.43 0.00	28.42 -0.51 0.00	28.66 -0.41 0.00	30.32 -0.41 0.00	32.59 -0.34 0.00	36.00 -0.31 0.00	37.52 -0.10 0.00	46.72 0.33 0.00	46.42 0.21 0.00	45.91 0.13 0.00	30.37 0.15 0.00	20.91 0.42 0.00	26.49 0.51 0.00
E_FISHKILL__LBMP 23776	29.70 1.66 0.00	28.83 1.62 0.00	28.31 1.39 0.00	11.31 0.59 0.00	3.74 0.21 0.00	11.32 0.62 0.00	31.50 1.54 0.00	33.94 1.75 0.00	32.93 1.77 0.00	31.15 1.67 0.00	33.32 1.83 0.00	30.64 1.80 0.00	30.75 1.82 0.00	30.86 1.79 0.00	32.53 1.80 0.00	34.88 1.95 0.00	38.46 2.14 0.00	39.89 2.27 0.00	49.03 2.64 0.00	48.47 2.27 0.00	47.96 2.18 0.00	31.68 1.47 0.00	21.72 1.23 0.00	27.60 1.61 0.00
FALCON__SEABRD_CC1 323796	28.11 0.08 0.00	27.32 0.11 0.00	27.20 0.28 0.00	10.82 0.10 0.00	3.55 0.03 0.00	10.83 0.13 0.00	30.30 0.35 0.00	32.59 0.40 0.00	31.46 0.30 0.00	29.88 0.40 0.00	31.94 0.45 0.00	29.10 0.26 0.00	29.33 0.39 0.00	29.20 0.13 0.00	31.18 0.45 0.00	33.46 0.53 0.00	36.76 0.45 0.00	37.96 0.34 0.00	46.74 0.35 0.00	47.03 0.82 0.00	46.75 0.98 0.00	30.79 0.58 0.00	20.63 0.14 0.00	25.98 -0.01 0.00
FALCON__SEABRD_CC2 323797	28.11 0.08 0.00	27.32 0.11 0.00	27.20 0.28 0.00	10.82 0.10 0.00	3.55 0.03 0.00	10.83 0.13 0.00	30.30 0.35 0.00	32.59 0.40 0.00	31.46 0.30 0.00	29.88 0.40 0.00	31.94 0.45 0.00	29.10 0.26 0.00	29.33 0.39 0.00	29.20 0.13 0.00	31.18 0.45 0.00	33.46 0.53 0.00	36.76 0.45 0.00	37.96 0.34 0.00	46.74 0.35 0.00	47.03 0.82 0.00	46.75 0.98 0.00	30.79 0.58 0.00	20.63 0.14 0.00	25.98 -0.01 0.00

FAR ROCKAWAY___4 23548	54.81 2.83 -23.95	46.24 2.74 -16.29	32.77 2.45 -3.40	15.02 1.01 -3.29	23.38 0.35 -19.50	53.54 1.04 -41.79	50.85 2.75 -18.14	35.21 3.02 0.00	34.26 3.08 -0.01	38.60 2.88 -6.24	88.03 3.22 -53.32	107.50 3.07 -75.58	144.20 3.11 -112.15	151.96 2.96 -119.92	164.76 3.04 -130.99	94.63 3.31 -58.39	91.93 3.60 -52.01	97.63 3.69 -56.32	100.93 4.43 -50.11	116.64 4.05 -66.39	102.70 3.88 -53.04	105.92 2.57 -73.14	96.80 2.03 -74.28	91.87 2.60 -63.28
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.16 2.12 0.00	29.26 2.05 0.00	28.69 1.77 0.00	11.47 0.75 0.00	3.79 0.26 0.00	11.49 0.79 0.00	31.98 2.02 0.00	34.50 2.31 0.00	33.54 2.38 0.00	31.76 2.28 0.00	33.96 2.47 0.00	31.24 2.40 0.00	31.38 2.44 0.00	31.47 2.40 0.00	33.14 2.41 0.00	35.55 2.61 0.00	39.17 2.85 0.00	40.60 2.98 0.00	49.81 3.42 0.00	49.20 2.99 0.00	48.67 2.89 0.00	32.16 1.95 0.00	22.03 1.54 0.00	28.02 2.03 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.16 2.12 0.00	29.27 2.06 0.00	28.70 1.78 0.00	11.47 0.75 0.00	3.79 0.26 0.00	11.50 0.79 0.00	31.99 2.04 0.00	34.51 2.33 0.00	33.56 2.40 0.00	31.77 2.29 0.00	33.97 2.48 0.00	31.25 2.40 0.00	31.38 2.44 0.00	31.48 2.41 0.00	33.15 2.42 0.00	35.55 2.62 0.00	39.17 2.86 0.00	40.60 2.98 0.00	49.82 3.43 0.00	49.21 3.01 0.00	48.69 2.91 0.00	32.17 1.96 0.00	22.03 1.54 0.00	28.02 2.04 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.15 2.11 0.00	29.25 2.04 0.00	28.68 1.76 0.00	11.46 0.74 0.00	3.79 0.26 0.00	11.49 0.79 0.00	31.97 2.02 0.00	34.50 2.31 0.00	33.53 2.37 0.00	31.75 2.28 0.00	33.96 2.47 0.00	31.24 2.39 0.00	31.37 2.44 0.00	31.47 2.40 0.00	33.13 2.40 0.00	35.54 2.61 0.00	39.16 2.84 0.00	40.59 2.97 0.00	49.80 3.40 0.00	49.17 2.97 0.00	48.65 2.87 0.00	32.15 1.93 0.00	22.02 1.53 0.00	28.00 2.02 0.00
FARRAGUT___LBMP 323566	30.13 2.09 0.00	29.23 2.02 0.00	28.66 1.74 0.00	11.45 0.74 0.00	3.79 0.26 0.00	11.48 0.78 0.00	31.94 1.99 0.00	34.46 2.28 0.00	33.50 2.34 0.00	31.71 2.24 0.00	33.92 2.43 0.00	31.20 2.35 0.00	31.33 2.39 0.00	31.43 2.36 0.00	33.09 2.36 0.00	35.49 2.56 0.00	39.12 2.80 0.00	40.54 2.92 0.00	49.74 3.35 0.00	49.13 2.92 0.00	48.60 2.83 0.00	32.12 1.90 0.00	22.00 1.51 0.00	27.98 1.99 0.00
FENNER___WINDPWR 24204	28.20 0.16 0.00	27.37 0.15 0.00	27.03 0.11 0.00	10.77 0.06 0.00	3.55 0.02 0.00	10.78 0.08 0.00	30.24 0.28 0.00	32.66 0.48 0.00	31.61 0.45 0.00	29.81 0.33 0.00	31.84 0.35 0.00	29.08 0.23 0.00	29.15 0.22 0.00	29.37 0.30 0.00	31.04 0.31 0.00	33.15 0.22 0.00	36.53 0.22 0.00	37.94 0.32 0.00	46.81 0.42 0.00	46.78 0.57 0.00	46.37 0.59 0.00	30.61 0.39 0.00	20.78 0.28 0.00	26.39 0.40 0.00
FIBERTEK___ENERGY 23856	27.73 -0.31 0.00	26.92 -0.30 0.00	26.59 -0.33 0.00	10.59 -0.13 0.00	3.49 -0.04 0.00	10.59 -0.12 0.00	29.59 -0.36 0.00	31.83 -0.35 0.00	30.85 -0.31 0.00	29.18 -0.30 0.00	31.14 -0.35 0.00	28.47 -0.38 0.00	28.57 -0.36 0.00	28.72 -0.36 0.00	30.39 -0.34 0.00	32.52 -0.41 0.00	35.88 -0.43 0.00	37.19 -0.43 0.00	45.88 -0.51 0.00	45.66 -0.54 0.00	45.25 -0.53 0.00	29.87 -0.34 0.00	20.31 -0.19 0.00	25.89 -0.09 0.00
FITZPATRICK___ 23598	27.18 -0.86 0.00	26.38 -0.83 0.00	26.07 -0.84 0.00	10.39 -0.33 0.00	3.42 -0.11 0.00	10.37 -0.34 0.00	28.95 -1.00 0.00	31.10 -1.09 0.00	30.11 -1.05 0.00	28.47 -1.01 0.00	30.41 -1.09 0.00	27.81 -1.03 0.00	27.91 -1.03 0.00	28.05 -1.02 0.00	29.68 -1.06 0.00	31.76 -1.17 0.00	35.04 -1.28 0.00	36.30 -1.32 0.00	44.74 -1.65 0.00	44.55 -1.66 0.00	44.12 -1.65 0.00	29.15 -1.07 0.00	19.82 -0.67 0.00	25.27 -0.72 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.00 1.96 0.00	29.11 1.90 0.00	28.59 1.67 0.00	11.41 0.70 0.00	3.77 0.24 0.00	11.43 0.72 0.00	31.85 1.89 0.00	34.33 2.15 0.00	33.34 2.17 0.00	31.51 2.04 0.00	33.73 2.24 0.00	31.01 2.17 0.00	31.16 2.23 0.00	31.26 2.19 0.00	32.93 2.20 0.00	35.32 2.39 0.00	38.97 2.65 0.00	40.43 2.81 0.00	49.69 3.30 0.00	49.15 2.95 0.00	48.64 2.86 0.00	32.10 1.89 0.00	21.98 1.48 0.00	27.90 1.91 0.00
FORT ORANGE___ 23900	28.72 0.68 0.00	27.85 0.64 0.00	27.45 0.53 0.00	10.95 0.23 0.00	3.61 0.08 0.00	10.95 0.25 0.00	30.51 0.56 0.00	32.75 0.57 0.00	31.58 0.42 0.00	29.80 0.32 0.00	31.83 0.34 0.00	29.21 0.37 0.00	29.22 0.28 0.00	29.47 0.40 0.00	31.05 0.31 0.00	33.25 0.32 0.00	36.66 0.34 0.00	38.12 0.50 0.00	47.15 0.76 0.00	46.82 0.62 0.00	46.34 0.56 0.00	30.70 0.49 0.00	21.06 0.57 0.00	26.73 0.75 0.00
FORT_DRUM_COGEN 23780	27.22 -0.81 0.00	26.49 -0.72 0.00	26.16 -0.75 0.00	10.38 -0.34 0.00	3.41 -0.11 0.00	10.40 -0.31 0.00	29.34 -0.61 0.00	31.61 -0.58 0.00	30.70 -0.46 0.00	28.81 -0.67 0.00	30.61 -0.88 0.00	27.58 -1.27 0.00	27.23 -1.71 0.00	27.73 -1.34 0.00	29.46 -1.27 0.00	31.45 -1.49 0.00	35.13 -1.18 0.00	36.62 -1.01 0.00	45.14 -1.25 0.00	45.40 -0.80 0.00	44.99 -0.78 0.00	29.85 -0.36 0.00	20.16 -0.33 0.00	25.29 -0.69 0.00
FOX_HILLS___ESR 323835	30.11 2.07 0.00	29.31 2.09 0.00	28.89 1.98 0.00	11.55 0.83 0.00	3.82 0.29 0.00	11.58 0.87 -0.01	32.22 2.26 0.00	37.65 2.51 -2.95	47.75 2.52 -14.07	48.17 2.38 -16.31	48.12 2.58 -14.05	47.49 2.51 -16.13	47.62 2.51 -16.17	47.64 2.45 -16.11	47.69 2.48 -14.48	47.70 2.70 -12.07	47.69 2.92 -8.46	47.69 3.06 -7.01	51.59 3.31 -1.89	49.07 2.87 0.00	48.60 2.82 0.00	40.86 1.90 -8.74	22.03 1.54 0.00	28.00 2.01 0.00
FPL_FAR_ROCK_GT1 24212	54.81 2.83 -23.95	46.25 2.74 -16.29	32.77 2.46 -3.40	15.02 1.01 -3.29	23.38 0.35 -19.50	53.54 1.04 -41.79	50.85 2.75 -18.14	35.20 3.02 0.00	34.25 3.07 -0.01	38.59 2.86 -6.24	88.03 3.22 -53.32	107.49 3.06 -75.58	144.20 3.11 -112.15	151.96 2.96 -119.92	164.75 3.03 -130.99	94.63 3.31 -58.39	91.93 3.60 -52.01	97.63 3.69 -56.32	100.93 4.43 -50.11	116.65 4.05 -66.39	102.70 3.88 -53.04	105.92 2.57 -73.14	96.80 2.03 -74.28	91.87 2.60 -63.28
FPL_FAR_ROCK_GT2 23815	54.81 2.83 -23.95	46.25 2.74 -16.29	32.77 2.46 -3.40	15.02 1.01 -3.29	23.38 0.35 -19.50	53.54 1.04 -41.79	50.85 2.75 -18.14	35.20 3.02 0.00	34.25 3.07 -0.01	38.59 2.86 -6.24	88.03 3.22 -53.32	107.49 3.06 -75.58	144.20 3.11 -112.15	151.96 2.96 -119.92	164.75 3.03 -130.99	94.63 3.31 -58.39	91.93 3.60 -52.01	97.63 3.69 -56.32	100.93 4.43 -50.11	116.65 4.05 -66.39	102.70 3.88 -53.04	105.92 2.57 -73.14	96.80 2.03 -74.28	91.87 2.60 -63.28
FRANKLIN_FALL_HYD 24054	27.75 -0.29 0.00	27.00 -0.22 0.00	26.88 -0.04 0.00	10.67 -0.04 0.00	3.50 -0.03 0.00	10.68 -0.03 0.00	30.00 0.05 0.00	32.22 0.03 0.00	31.10 -0.06 0.00	29.47 -0.01 0.00	31.50 0.01 0.00	28.77 -0.08 0.00	28.93 -0.01 0.00	28.87 -0.20 0.00	30.80 0.07 0.00	33.07 0.14 0.00	36.42 0.10 0.00	37.50 -0.12 0.00	46.26 -0.13 0.00	46.52 0.32 0.00	46.35 0.58 0.00	30.52 0.31 0.00	20.40 -0.09 0.00	25.66 -0.32 0.00

GILBOA____ 23599	28.78 0.74 0.00	27.93 0.72 0.00	27.52 0.60 0.00	10.98 0.26 0.00	3.62 0.09 0.00	10.97 0.27 0.00	30.57 0.62 0.00	32.86 0.67 0.00	31.78 0.62 0.00	30.02 0.55 0.00	32.10 0.60 0.00	29.47 0.62 0.00	29.54 0.61 0.00	29.68 0.61 0.00	31.31 0.58 0.00	33.54 0.61 0.00	37.01 0.69 0.00	38.36 0.74 0.00	47.38 0.99 0.00	46.96 0.75 0.00	46.47 0.69 0.00	30.78 0.57 0.00	21.05 0.56 0.00	26.74 0.75 0.00
GINNA____ 23603	25.87 -2.16 0.00	25.14 -2.07 0.00	24.90 -2.01 0.00	9.91 -0.81 0.00	3.26 -0.27 0.00	9.91 -0.79 0.00	27.72 -2.23 0.00	29.79 -2.39 0.00	28.92 -2.24 0.00	27.33 -2.14 0.00	29.17 -2.31 0.01	26.58 -2.26 0.00	26.76 -2.17 0.00	26.93 -2.15 0.00	28.54 -2.18 0.01	30.48 -2.45 0.00	33.62 -2.70 0.00	34.70 -2.93 0.00	42.65 -3.74 0.00	42.71 -3.49 0.00	42.29 -3.49 0.00	27.88 -2.33 0.00	18.88 -1.62 0.00	24.30 -1.69 0.00
GLEN PARK____ 23778	27.30 -0.74 0.00	26.55 -0.66 0.00	26.22 -0.70 0.00	10.40 -0.32 0.00	3.42 -0.11 0.00	10.42 -0.28 0.00	29.41 -0.54 0.00	31.67 -0.51 0.00	30.77 -0.40 0.00	28.85 -0.62 0.00	30.61 -0.88 0.00	27.53 -1.32 0.00	27.17 -1.76 0.00	27.72 -1.35 0.00	29.47 -1.27 0.00	31.46 -1.47 0.00	35.21 -1.11 0.00	36.73 -0.89 0.00	45.29 -1.10 0.00	45.58 -0.63 0.00	45.17 -0.61 0.00	29.95 -0.26 0.00	20.22 -0.27 0.00	25.37 -0.62 0.00
GLENDALE_27_KV_LOAD 356172	30.29 2.26 0.00	29.39 2.18 0.00	28.82 1.90 0.00	11.52 0.80 0.00	3.81 0.28 0.00	11.56 0.85 -0.01	32.14 2.19 0.00	34.67 2.49 0.00	33.72 2.56 0.00	31.94 2.46 0.00	34.16 2.67 0.00	31.44 2.59 0.00	31.56 2.62 0.00	31.67 2.60 0.00	33.35 2.61 0.00	35.76 2.83 0.00	39.38 3.06 0.00	40.79 3.17 0.00	50.03 3.64 0.00	49.40 3.19 0.00	48.87 3.10 0.00	32.31 2.10 0.00	22.13 1.64 0.00	28.12 2.13 0.00
GLENWOOD_IC_1_G5 23712	54.40 2.41 -23.95	45.63 2.33 -16.08	32.24 2.06 -3.27	14.74 0.85 -3.17	22.56 0.30 -18.74	52.83 0.89 -41.23	50.44 2.34 -18.14	34.80 2.61 0.00	33.84 2.66 -0.01	34.05 2.49 -2.08	52.61 2.77 -18.35	57.46 2.65 -25.97	68.25 2.70 -36.61	70.76 2.68 -39.01	77.84 2.72 -44.39	55.31 2.94 -19.44	54.75 3.21 -15.23	53.03 3.30 -12.11	60.89 3.88 -10.63	67.93 3.51 -18.21	63.43 3.36 -14.28	45.01 2.22 -12.57	39.49 1.76 -17.23	44.23 2.28 -15.96
GLENWOOD_IC_2_G1 23688	54.19 2.21 -23.95	40.80 2.13 -11.45	29.12 1.87 -0.34	11.76 0.78 -0.26	5.39 0.27 -1.59	38.87 0.82 -27.35	50.21 2.11 -18.14	34.55 2.37 0.00	33.59 2.41 -0.01	31.79 2.26 -0.06	44.08 2.51 -10.09	45.70 2.41 -14.45	43.55 2.45 -12.17	43.22 2.42 -11.73	39.24 2.45 -6.07	41.34 2.67 -5.74	39.59 2.91 -0.37	40.81 3.00 -0.18	50.07 3.52 -0.15	49.76 3.14 -0.41	49.10 3.01 -0.31	33.04 2.00 -0.83	29.34 1.61 -7.24	35.76 2.10 -7.67
GLENWOOD_IC_3_G1 23689	54.19 2.21 -23.95	40.80 2.13 -11.45	29.12 1.87 -0.34	11.76 0.78 -0.26	5.39 0.27 -1.59	38.87 0.82 -27.35	50.21 2.11 -18.14	34.55 2.37 0.00	33.59 2.41 -0.01	31.79 2.26 -0.06	44.08 2.51 -10.09	45.70 2.41 -14.45	43.55 2.45 -12.17	43.22 2.42 -11.73	39.24 2.45 -6.07	41.34 2.67 -5.74	39.59 2.91 -0.37	40.81 3.00 -0.18	50.07 3.52 -0.15	49.76 3.14 -0.41	49.10 3.01 -0.31	33.04 2.00 -0.83	29.34 1.61 -7.24	35.76 2.10 -7.67
GLENWOOD____4 23550	54.40 2.41 -23.95	45.63 2.33 -16.08	32.24 2.06 -3.27	14.74 0.85 -3.17	22.56 0.30 -18.74	52.83 0.89 -41.23	50.44 2.34 -18.14	34.80 2.61 0.00	33.84 2.66 -0.01	34.05 2.49 -2.08	52.61 2.77 -18.35	57.46 2.65 -25.97	68.25 2.70 -36.61	70.76 2.68 -39.01	77.84 2.72 -44.39	55.31 2.94 -19.44	54.75 3.21 -15.23	53.03 3.30 -12.11	60.89 3.88 -10.63	67.93 3.51 -18.21	63.43 3.36 -14.28	45.01 2.22 -12.57	39.49 1.76 -17.23	44.23 2.28 -15.96
GLENWOOD____5 23614	54.40 2.41 -23.95	45.63 2.33 -16.08	32.24 2.06 -3.27	14.74 0.85 -3.17	22.56 0.30 -18.74	52.83 0.89 -41.23	50.44 2.34 -18.14	34.80 2.61 0.00	33.84 2.66 -0.01	34.05 2.49 -2.08	52.61 2.77 -18.35	57.46 2.65 -25.97	68.25 2.70 -36.61	70.76 2.68 -39.01	77.84 2.72 -44.39	55.31 2.94 -19.44	54.75 3.21 -15.23	53.03 3.30 -12.11	60.89 3.88 -10.63	67.93 3.51 -18.21	63.43 3.36 -14.28	45.01 2.22 -12.57	39.49 1.76 -17.23	44.23 2.28 -15.96
GLOBAL GREEN_PORT_GT1 23814	55.64 3.65 -23.95	47.54 3.49 -16.84	33.82 3.16 -3.75	15.56 1.21 -3.64	25.48 0.44 -21.52	55.59 1.39 -43.50	51.98 3.88 -18.14	36.43 4.25 0.00	35.61 4.42 -0.03	33.78 3.91 -0.40	43.87 4.32 -8.06	44.28 3.97 -11.47	44.40 4.11 -11.36	44.59 4.06 -11.45	45.62 4.16 -10.72	52.58 4.44 -15.20	42.72 4.81 -1.59	45.01 4.82 -2.56	52.25 5.75 -0.12	52.37 5.08 -1.09	51.25 4.80 -0.67	28.84 2.69 4.06	24.70 2.15 -2.06	32.02 2.66 -3.37
GLOBE____DSASP 323697	24.24 -2.47 1.33	24.93 -2.29 0.00	24.80 -2.12 0.00	9.86 -0.85 0.00	3.23 -0.30 0.00	9.67 -0.90 0.13	20.51 -2.61 6.83	18.00 -2.90 11.28	17.42 -2.66 11.08	16.53 -2.56 10.39	18.58 -2.73 10.18	15.00 -2.76 11.09	20.34 -2.51 6.08	16.86 -2.52 9.70	20.17 -2.53 8.04	29.99 -2.94 0.00	32.94 -3.37 0.00	33.53 -4.10 0.00	41.04 -5.35 0.00	41.48 -4.73 0.00	41.06 -4.72 0.00	27.10 -3.11 0.00	18.37 -2.12 0.00	24.15 -1.84 0.00
GOETHSLN____LBMP 323567	30.05 2.01 0.00	29.15 1.94 0.00	28.54 1.62 0.00	11.41 0.69 0.00	3.77 0.24 0.00	11.43 0.73 0.00	31.81 1.86 0.00	34.03 2.15 0.30	31.97 2.22 1.42	29.96 2.13 1.64	32.38 2.31 1.42	29.47 2.25 1.63	29.60 2.30 1.63	29.70 2.26 1.62	31.54 2.26 1.46	34.18 2.46 1.22	38.15 2.69 0.85	39.72 2.81 0.71	49.42 3.22 0.19	49.01 2.81 0.00	48.50 2.72 0.00	31.17 1.84 0.88	21.95 1.46 0.00	27.92 1.93 0.00
GOLAH____69_KV_TB 1_2 80279	27.02 -1.02 0.00	26.26 -0.96 0.00	26.02 -0.90 0.00	10.36 -0.36 0.00	3.41 -0.12 0.00	10.37 -0.34 0.00	29.00 -0.98 -0.02	31.13 -1.09 -0.04	30.25 -0.95 -0.03	28.56 -0.95 -0.03	30.44 -1.08 -0.03	27.63 -1.25 -0.04	27.85 -1.10 -0.02	28.00 -1.10 -0.03	29.75 -1.00 -0.02	31.74 -1.19 0.00	35.01 -1.30 0.00	36.03 -1.59 0.00	44.32 -2.07 0.00	44.54 -1.67 0.00	44.09 -1.68 0.00	29.08 -1.13 0.00	19.68 -0.81 0.00	25.45 -0.54 0.00
GOODYEAR_LAKE_HYD 323669	28.71 0.67 0.00	27.88 0.66 0.00	27.51 0.59 0.00	10.96 0.24 0.00	3.61 0.09 0.00	10.97 0.26 0.00	30.72 0.76 0.00	33.10 0.91 0.00	32.07 0.90 0.00	30.31 0.83 0.00	32.39 0.90 0.00	29.63 0.78 0.00	29.81 0.87 0.00	29.96 0.89 0.00	31.64 0.90 -0.01	33.91 0.98 0.00	37.35 1.04 0.00	38.65 1.03 0.00	47.72 1.33 0.00	47.51 1.31 0.00	47.10 1.32 0.00	31.07 0.86 0.00	21.08 0.59 0.00	26.77 0.79 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.02 -0.02 0.00	27.21 0.00 0.00	26.85 -0.06 0.00	10.70 -0.01 0.00	3.53 0.00 0.00	10.71 0.01 0.00	29.99 0.04 0.00	32.24 0.05 0.00	31.26 0.10 0.00	29.54 0.07 0.00	31.59 0.09 -0.01	28.79 -0.06 0.00	29.00 0.06 0.00	29.09 0.01 0.00	30.78 0.03 -0.02	32.90 -0.03 0.00	36.27 -0.05 0.00	37.53 -0.09 0.00	46.26 -0.13 0.00	46.16 -0.04 0.00	45.63 -0.14 0.00	30.13 -0.08 0.00	20.53 0.03 0.00	26.25 0.26 0.00

GOUDEY___7 23579	28.02 -0.02 0.00	27.21 0.00 0.00	26.85 -0.06 0.00	10.70 -0.01 0.00	3.53 0.00 0.00	10.71 0.01 0.00	29.99 0.04 0.00	32.24 0.05 0.00	31.26 0.10 0.00	29.54 0.07 0.00	31.59 0.09 -0.01	28.79 -0.06 0.00	29.00 0.06 0.00	29.09 0.01 0.00	30.78 0.03 -0.02	32.90 -0.03 0.00	36.27 -0.05 0.00	37.53 -0.09 0.00	46.26 -0.13 0.00	46.16 -0.04 0.00	45.63 -0.14 0.00	30.13 -0.08 0.00	20.53 0.03 0.00	26.25 0.26 0.00
GOUDEY___8 23580	28.02 -0.02 0.00	27.21 0.00 0.00	26.85 -0.06 0.00	10.70 -0.01 0.00	3.53 0.00 0.00	10.71 0.01 0.00	29.99 0.04 0.00	32.24 0.05 0.00	31.26 0.10 0.00	29.54 0.07 0.00	31.59 0.09 -0.01	28.79 -0.06 0.00	29.00 0.06 0.00	29.09 0.01 0.00	30.78 0.03 -0.02	32.90 -0.03 0.00	36.27 -0.05 0.00	37.53 -0.09 0.00	46.26 -0.13 0.00	46.16 -0.04 0.00	45.63 -0.14 0.00	30.13 -0.08 0.00	20.53 0.03 0.00	26.25 0.26 0.00
GOWANUS_GT1_1 24077	30.19 2.16 0.00	29.34 2.13 0.00	28.84 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.56 0.85 -0.01	32.16 2.20 0.00	37.62 2.48 -2.95	47.75 2.52 -14.07	48.20 2.40 -16.31	48.16 2.62 -14.05	47.52 2.54 -16.13	47.66 2.56 -16.17	47.70 2.52 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.48 -1.89	49.24 3.03 0.00	48.74 2.96 0.00	40.96 2.00 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GOWANUS_GT1_2 24078	30.19 2.16 0.00	29.34 2.13 0.00	28.84 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.56 0.85 -0.01	32.16 2.20 0.00	37.62 2.48 -2.95	47.75 2.52 -14.07	48.20 2.40 -16.31	48.16 2.62 -14.05	47.52 2.54 -16.13	47.66 2.56 -16.17	47.70 2.52 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.48 -1.89	49.24 3.03 0.00	48.74 2.96 0.00	40.96 2.00 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GOWANUS_GT1_3 24079	30.19 2.16 0.00	29.34 2.13 0.00	28.84 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.56 0.85 -0.01	32.16 2.20 0.00	37.62 2.48 -2.95	47.75 2.52 -14.07	48.20 2.40 -16.31	48.16 2.62 -14.05	47.52 2.54 -16.13	47.66 2.56 -16.17	47.70 2.52 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.48 -1.89	49.24 3.03 0.00	48.74 2.96 0.00	40.96 2.00 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GOWANUS_GT1_4 24080	30.19 2.16 0.00	29.34 2.13 0.00	28.84 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.56 0.85 -0.01	32.16 2.20 0.00	37.62 2.48 -2.95	47.75 2.52 -14.07	48.20 2.40 -16.31	48.16 2.62 -14.05	47.52 2.54 -16.13	47.66 2.56 -16.17	47.70 2.52 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.48 -1.89	49.24 3.03 0.00	48.74 2.96 0.00	40.96 2.00 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GOWANUS_GT1_5 24084	30.19 2.16 0.00	29.34 2.13 0.00	28.84 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.56 0.85 -0.01	32.16 2.20 0.00	37.62 2.48 -2.95	47.75 2.52 -14.07	48.20 2.40 -16.31	48.16 2.62 -14.05	47.52 2.54 -16.13	47.66 2.56 -16.17	47.70 2.52 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.48 -1.89	49.24 3.03 0.00	48.74 2.96 0.00	40.96 2.00 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GOWANUS_GT1_6 24111	30.19 2.16 0.00	29.34 2.13 0.00	28.84 1.92 0.00	11.53 0.81 0.00	3																			

GOWANUS_GT2_6 24119	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GOWANUS_GT2_7 24120	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GOWANUS_GT2_8 24121	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GOWANUS_GT3_1 24122	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GOWANUS_GT3_2 24123	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GOWANUS_GT3_3 24124	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GOWANUS_GT3_4 24125	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GOWANUS_GT3_5 24126	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	1																				

GOWANUS_GT4_5 24134	30.19 2.16 0.00	29.34 2.13 0.00	28.84 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.56 0.85 -0.01	32.16 2.20 0.00	37.62 2.48 -2.95	47.75 2.52 -14.07	48.20 2.40 -16.31	48.16 2.62 -14.05	47.52 2.54 -16.13	47.66 2.56 -16.17	47.70 2.52 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.48 -1.89	49.24 3.03 0.00	48.74 2.96 0.00	40.96 2.00 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GOWANUS_GT4_6 24135	30.19 2.16 0.00	29.34 2.13 0.00	28.84 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.56 0.85 -0.01	32.16 2.20 0.00	37.62 2.48 -2.95	47.75 2.52 -14.07	48.20 2.40 -16.31	48.16 2.62 -14.05	47.52 2.54 -16.13	47.66 2.56 -16.17	47.70 2.52 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.48 -1.89	49.24 3.03 0.00	48.74 2.96 0.00	40.96 2.00 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GOWANUS_GT4_7 24136	30.19 2.16 0.00	29.34 2.13 0.00	28.84 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.56 0.85 -0.01	32.16 2.20 0.00	37.62 2.48 -2.95	47.75 2.52 -14.07	48.20 2.40 -16.31	48.16 2.62 -14.05	47.52 2.54 -16.13	47.66 2.56 -16.17	47.70 2.52 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.48 -1.89	49.24 3.03 0.00	48.74 2.96 0.00	40.96 2.00 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GOWANUS_GT4_8 24137	30.19 2.16 0.00	29.34 2.13 0.00	28.84 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.56 0.85 -0.01	32.16 2.20 0.00	37.62 2.48 -2.95	47.75 2.52 -14.07	48.20 2.40 -16.31	48.16 2.62 -14.05	47.52 2.54 -16.13	47.66 2.56 -16.17	47.70 2.52 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.48 -1.89	49.24 3.03 0.00	48.74 2.96 0.00	40.96 2.00 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GREATVRV_69_KV_BK1 356245	55.13 3.14 -23.95	47.06 3.05 -16.80	33.42 2.78 -3.72	15.47 1.14 -3.61	25.31 0.40 -21.38	55.29 1.19 -43.39	51.31 3.22 -18.14	35.68 3.50 0.00	34.74 3.55 -0.02	33.17 3.14 -0.55	44.32 3.62 -9.21	45.37 3.43 -13.10	46.36 3.43 -14.00	46.80 3.41 -14.31	48.29 3.56 -14.00	49.59 3.80 -12.86	43.30 4.04 -2.94	43.99 3.99 -2.39	51.97 4.79 -0.79	53.47 4.43 -2.83	52.13 4.29 -2.06	30.85 2.78 2.13	26.56 2.22 -3.85	33.73 2.89 -4.86
GREENBSH_115KV_TB3 55895	28.63 0.60 0.00	27.78 0.56 0.00	27.37 0.45 0.00	10.93 0.21 0.00	3.60 0.07 0.00	10.92 0.22 0.00	30.42 0.47 0.00	32.66 0.48 0.00	31.51 0.35 0.00	29.73 0.25 0.00	31.77 0.27 0.00	29.21 0.36 0.00	29.21 0.27 0.00	29.43 0.35 0.00	30.98 0.24 0.00	33.17 0.24 0.00	36.63 0.31 0.00	38.09 0.47 0.00	47.05 0.67 0.00	46.68 0.48 0.00	46.17 0.39 0.00	30.60 0.39 0.00	21.00 0.51 0.00	26.66 0.67 0.00
GREENDGE_115KV_TB5 80291	29.71 -0.76 -2.44	26.49 -0.73 0.00	26.18 -0.74 0.00	10.43 -0.29 0.00	3.44 -0.08 0.00	10.72 -0.24 -0.25	41.99 -0.56 -12.59	52.10 -0.78 -20.70	50.81 -0.68 -20.33	47.90 -0.59 -19.01	49.51 -0.73 -18.75	48.29 -0.84 -20.29	39.64 -0.55 -11.26	46.41 -0.59 -17.93	45.11 -0.73 -15.11	32.27 -0.66 0.00	35.62 -0.70 0.00	36.91 -0.71 0.00	45.43 -0.96 0.00	45.43 -0.77 0.00	44.90 -0.88 0.00	29.79 -0.42 0.00	20.22 -0.28 0.00	25.95 -0.04 0.00
GREENIDGE___3 23582	29.71 -0.76 -2.44	26.49 -0.73 0.00	26.18 -0.74 0.00	10.43 -0.29 0.00	3.44 -0.08 0.00	10.72 -0.24 -0.25	41.99 -0.56 -12.59	52.10 -0.78 -20.70	50.81 -0.68 -20.33	47.90 -0.59 -19.01	49.51 -0.73 -18.75	48.29 -0.84 -20.29	39.64 -0.55 -11.26	46.41 -0.59 -17.93	45.11 -0.73 -15.11	32.27 -0.66 0.00	35.62 -0.70 0.00	36.91 -0.71 0.00	45.43 -0.96 0.00	45.43 -0.77 0.00	44.90 -0.88 0.00	29.79 -0.42 0.00	20.22 -0.28 0.00	25.95 -0.04 0.00
GREENIDGE___4 23583	29.71 -0.76 -2.44	26.48 -0.73 0.00	26.18 -0.74 0.00	10.43 -0.29 0.00	3.44 -0.08 0.00	10.72 -0.24 -0.25	41.99 -0.56 -12.59	52.11 -0.78 -20.70	50.81 -0.68 -20.33	47.90 -0.58 -19.01	49.52 -0.72 -18.75	48.29 -0.84 -20.29	39.65 -0.55 -11.26	46.41 -0.59 -17.93	45.12 -0.72 -15.11	32.27 -0.67 0.00	35.61 -0.70 0.00	36.91 -0.71 0.00	45.43 -0.96 0.00	45.42 -0.78 0.00	44.90 -0.88 0.00	29.79 -0.42 0.00	20.22 -0.28 0.00	25.95 -0.04 0.00
GREENLWN_69_KV_BK 3 55738	54.59 2.60 -23.95	46.56 2.54 -16.81	32.92 2.27 -3.73	15.27 0.94 -3.62	25.26 0.33 -21.41	55.09 0.99 -43.40	50.66 2.56 -18.14	34.92 2.73 0.00	33.94 2.77 -0.01	32.39 2.44 -0.48	43.12 2.83 -8.79	44.11 2.76 -12.50	44.82 2.82 -13.07	45.16 2.78 -13.31	46.39 2.78 -12.87	40.80 3.09 -4.79	41.90 3.12 -2.46	39.19 3.09 1.52	49.08 3.70 1.02	51.76 3.33 -2.23	50.53 3.17 -1.58	29.39 2.02 2.84	25.41 1.74 -3.18	32.61 2.31 -4.31
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.19 2.16 0.00	29.34 2.13 0.00	28.84 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.56 0.85 -0.01	32.16 2.20 0.00	37.62 2.48 -2.95	47.75 2.52 -14.07	48.20 2.40 -16.31	48.16 2.62 -14.05	47.52 2.54 -16.13	47.66 2.56 -16.17	47.70 2.52 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.48 -1.89	49.24 3.03 0.00	48.74 2.96 0.00	40.96 2.00 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
GRISSOM___SOLAR 323813	29.28 1.24 0.00	28.39 1.18 0.00	28.05 1.13 0.00	11.16 0.44 0.00	3.68 0.15 0.00	11.17 0.47 0.00	31.26 1.31 0.00	33.62 1.43 0.00	31.98 0.82 0.00	30.02 0.54 0.00	32.11 0.62 0.00	29.36 0.52 0.00	29.30 0.37 0.00	29.57 0.50 0.00	31.48 0.75 0.00	34.05 1.12 0.00	37.60 1.28 0.00	38.83 1.22 0.00	48.32 1.93 0.00	48.34 2.13 0.00	48.03 2.25 0.00	31.69 1.48 0.00	21.45 0.96 0.00	27.19 1.20 0.00
GROVEVILLE___HYD 323602	30.00 1.96 0.00	29.11 1.90 0.00	28.59 1.67 0.00	11.41 0.70 0.00	3.77 0.24 0.00	11.43 0.72 0.00	31.85 1.89 0.00	34.33 2.15 0.00	33.34 2.17 0.00	31.51 2.04 0.00	33.73 2.24 0.00	31.01 2.17 0.00	31.16 2.23 0.00	31.26 2.19 0.00	32.93 2.20 0.00	35.32 2.39 0.00	38.97 2.65 0.00	40.43 2.81 0.00	49.69 3.30 0.00	49.15 2.95 0.00	48.64 2.86 0.00	32.10 1.89 0.00	21.98 1.48 0.00	27.90 1.91 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.73 -0.31 0.00	26.92 -0.30 0.00	26.59 -0.33 0.00	10.59 -0.13 0.00	3.49 -0.04 0.00	10.59 -0.12 0.00	29.59 -0.36 0.00	31.83 -0.35 0.00	30.85 -0.31 0.00	29.18 -0.30 0.00	31.14 -0.35 0.00	28.47 -0.38 0.00	28.57 -0.36 0.00	28.72 -0.36 0.00	30.39 -0.34 0.00	32.52 -0.41 0.00	35.88 -0.43 0.00	37.19 -0.43 0.00	45.88 -0.51 0.00	45.66 -0.54 0.00	45.25 -0.53 0.00	29.87 -0.34 0.00	20.31 -0.19 0.00	25.89 -0.09 0.00
HAMLTNNY_34_KV_TB 80303	27.60 -0.44 0.00	26.80 -0.42 0.00	26.50 -0.42 0.00	10.56 -0.16 0.00	3.48 -0.05 0.00	10.55 -0.15 0.00	29.50 -0.45 0.00	31.70 -0.48 0.00	30.71 -0.46 0.00	29.12 -0.36 0.00	31.06 -0.43 0.00	28.35 -0.50 0.00	28.45 -0.48 0.00	28.50 -0.57 0.00	30.24 -0.49 0.00	32.39 -0.54 0.00	35.72 -0.60 0.00	36.99 -0.63 0.00	45.61 -0.78 0.00	45.42 -0.79 0.00	45.04 -0.74 0.00	29.74 -0.48 0.00	20.19 -0.30 0.00	25.80 -0.19 0.00

HAMPSHIRE___PAPER_HYD 323593	26.86 -1.18 0.00	26.11 -1.11 0.00	25.91 -1.01 0.00	10.30 -0.42 0.00	3.38 -0.14 0.00	10.30 -0.40 0.00	29.09 -0.87 0.00	31.33 -0.86 0.00	30.29 -0.87 0.00	28.54 -0.94 0.00	30.42 -1.07 0.00	27.66 -1.18 0.00	27.54 -1.40 0.00	27.76 -1.32 0.00	29.56 -1.17 0.00	31.70 -1.23 0.00	35.08 -1.23 0.00	36.24 -1.38 0.00	44.73 -1.65 0.00	44.93 -1.28 0.00	44.64 -1.14 0.00	29.48 -0.73 0.00	19.82 -0.67 0.00	24.88 -1.11 0.00
HARDSCRABBLE_WT_PWR 323673	28.37 0.33 0.00	27.46 0.25 0.00	26.92 0.01 0.00	10.75 0.03 0.00	3.55 0.02 0.00	10.80 0.10 0.00	30.10 0.14 0.00	32.26 0.08 0.00	31.01 -0.15 0.00	29.05 -0.43 0.00	30.94 -0.55 0.00	28.40 -0.45 0.00	28.45 -0.49 0.00	28.67 -0.40 0.00	30.26 -0.47 0.00	32.51 -0.42 0.00	35.86 -0.45 0.00	37.31 -0.31 0.00	46.37 -0.02 0.00	46.12 -0.08 0.00	45.66 -0.12 0.00	30.18 -0.03 0.00	20.73 0.24 0.00	26.26 0.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.82 1.78 0.00	28.93 1.71 0.00	28.39 1.47 0.00	11.34 0.62 0.00	3.75 0.22 0.00	11.35 0.65 0.00	31.65 1.70 0.00	34.12 1.93 0.00	33.13 1.97 0.00	31.35 1.87 0.00	33.54 2.06 0.00	30.86 2.01 0.00	30.99 2.06 0.00	31.09 2.02 0.00	32.76 2.03 0.00	35.17 2.24 0.00	38.81 2.49 0.00	40.25 2.62 0.00	49.42 3.03 0.00	48.90 2.69 0.00	48.37 2.59 0.00	31.92 1.71 0.00	21.84 1.35 0.00	27.73 1.75 0.00
HARSNRAD_115KV_TB1 81005	24.65 -2.07 1.31	25.17 -2.04 0.00	25.02 -1.90 0.00	9.96 -0.76 0.00	3.28 -0.25 0.00	9.84 -0.73 0.13	21.15 -2.08 6.72	18.73 -2.33 11.13	18.13 -2.11 10.93	17.21 -2.05 10.22	19.22 -2.20 10.07	15.63 -2.31 10.91	20.85 -2.07 6.01	17.46 -2.06 9.56	20.69 -2.03 8.02	30.47 -2.46 0.00	33.55 -2.77 0.00	34.27 -3.36 0.00	41.93 -4.46 0.00	42.33 -3.87 0.00	41.90 -3.88 0.00	27.66 -2.55 0.00	18.75 -1.74 0.00	24.59 -1.40 0.00
HARZA MOOSE___RIVER 24016	27.71 -0.33 0.00	26.88 -0.33 0.00	26.58 -0.33 0.00	10.59 -0.13 0.00	3.48 -0.04 0.00	10.59 -0.11 0.00	29.78 -0.17 0.00	32.18 0.00 0.00	31.14 -0.02 0.00	29.29 -0.19 0.00	31.24 -0.25 0.00	28.43 -0.42 0.00	28.30 -0.64 0.00	28.58 -0.49 0.00	30.28 -0.46 0.00	32.41 -0.52 0.00	35.91 -0.41 0.00	37.23 -0.39 0.00	45.96 -0.44 0.00	45.95 -0.25 0.00	45.56 -0.22 0.00	30.16 -0.06 0.00	20.43 -0.06 0.00	25.77 -0.22 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	27.66 -0.38 0.00	26.84 -0.37 0.00	26.51 -0.40 0.00	10.56 -0.16 0.00	3.48 -0.05 0.00	10.55 -0.15 0.00	29.50 -0.45 0.00	31.74 -0.45 0.00	30.79 -0.37 0.00	29.12 -0.36 0.00	31.10 -0.39 0.00	28.43 -0.42 0.00	28.55 -0.39 0.00	28.70 -0.37 0.00	30.35 -0.38 0.00	32.47 -0.46 0.00	35.82 -0.50 0.00	37.12 -0.50 0.00	45.76 -0.62 0.00	45.58 -0.62 0.00	45.13 -0.64 0.00	29.81 -0.41 0.00	20.27 -0.22 0.00	25.85 -0.13 0.00
HELLGATE_13_KV_LD 55870	30.33 2.30 0.00	29.44 2.23 0.00	28.85 1.93 0.00	11.54 0.82 0.00	3.81 0.29 0.00	11.57 0.86 -0.01	32.18 2.22 0.00	34.72 2.53 0.00	33.76 2.60 0.00	31.97 2.49 0.00	34.22 2.73 0.00	31.50 2.65 0.00	31.61 2.67 0.00	31.70 2.63 0.00	33.39 2.66 0.00	35.80 2.87 0.00	39.42 3.10 0.00	40.84 3.22 0.00	50.07 3.68 0.00	49.43 3.23 0.00	48.91 3.14 0.00	32.34 2.13 0.00	22.16 1.67 0.00	28.15 2.16 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.33 2.30 0.00	29.44 2.23 0.00	28.85 1.93 0.00	11.54 0.82 0.00	3.81 0.29 0.00	11.57 0.86 -0.01	32.18 2.22 0.00	34.72 2.53 0.00	33.76 2.60 0.00	31.97 2.49 0.00	34.22 2.73 0.00	31.50 2.65 0.00	31.61 2.67 0.00	31.70 2.63 0.00	33.39 2.66 0.00	35.80 2.87 0.00	39.42 3.10 0.00	40.84 3.22 0.00	50.07 3.68 0.00	49.43 3.23 0.00	48.91 3.14 0.00	32.34 2.13 0.00	22.16 1.67 0.00	28.15 2.16 0.00
HEMPSTEAD____ 23647	54.46 2.47 -23.95	45.94 2.39 -16.33	32.46 2.11 -3.43	14.92 0.88 -3.32	23.50 0.30 -19.66	53.60 0.92 -41.98	50.50 2.40 -18.14	34.83 2.65 0.00	33.89 2.71 -0.01	34.04 2.49 -2.07	53.80 2.79 -19.51	59.15 2.66 -27.64	69.87 2.72 -38.22	72.34 2.69 -40.58	78.32 2.75 -44.84	56.02 2.97 -20.12	55.14 3.22 -15.61	54.27 3.27 -13.38	62.04 3.87 -11.78	68.66 3.52 -18.94	64.06 3.37 -14.92	47.36 2.22 -14.93	41.88 1.80 -19.60	46.23 2.32 -17.92
HICKLING___1 23621	28.13 -0.72 -0.81	26.53 -0.69 0.00	26.22 -0.70 0.00	10.45 -0.27 0.00	3.45 -0.07 0.00	10.61 -0.20 -0.11	34.22 -0.41 -4.68	38.64 -0.47 -6.93	37.61 -0.36 -6.81	35.66 -0.33 -6.52	37.74 -0.34 -6.60	35.29 -0.49 -6.94	32.76 -0.33 -4.15	35.30 -0.42 -6.65	36.34 -0.41 -6.02	32.41 -0.52 0.00	35.80 -0.51 0.00	37.10 -0.53 0.00	45.69 -0.70 0.00	45.85 -0.35 0.00	45.30 -0.48 0.00	29.89 -0.32 0.00	20.33 -0.16 0.00	26.18 0.19 0.00
HICKLING___2 23622	28.13 -0.72 -0.81	26.53 -0.69 0.00	26.22 -0.70 0.00	10.45 -0.27 0.00	3.45 -0.07 0.00	10.61 -0.20 -0.11	34.22 -0.41 -4.68	38.64 -0.47 -6.93	37.61 -0.36 -6.81	35.66 -0.33 -6.52	37.74 -0.34 -6.60	35.29 -0.49 -6.94	32.76 -0.33 -4.15	35.30 -0.42 -6.65	36.34 -0.41 -6.02	32.41 -0.52 0.00	35.80 -0.51 0.00	37.10 -0.53 0.00	45.69 -0.70 0.00	45.85 -0.35 0.00	45.30 -0.48 0.00	29.89 -0.32 0.00	20.33 -0.16 0.00	26.18 0.19 0.00
HIGH FALLS___HY 23754	30.10 2.06 0.00	29.22 2.01 0.00	28.67 1.76 0.00	11.45 0.74 0.00	3.78 0.26 0.00	11.47 0.76 0.00	31.98 2.03 0.00	34.52 2.34 0.00	33.57 2.41 0.00	31.73 2.26 0.00	33.98 2.49 0.00	31.32 2.48 0.00	31.48 2.54 0.00	31.54 2.47 0.00	33.22 2.49 0.00	35.59 2.66 0.00	39.27 2.96 0.00	40.79 3.17 0.00	50.08 3.69 0.00	49.55 3.34 0.00	49.00 3.22 0.00	32.31 2.10 0.00	22.08 1.59 0.00	28.03 2.04 0.00
HIGH_RIVER___SOLAR 323847	29.03 0.99 0.00	28.17 0.96 0.00	27.81 0.89 0.00	11.08 0.36 0.00	3.65 0.12 0.00	11.08 0.37 0.00	30.93 0.97 0.00	33.16 0.97 0.00	31.90 0.74 0.00	29.87 0.39 0.00	31.78 0.29 0.00	29.10 0.26 0.00	29.05 0.12 0.00	29.42 0.35 0.00	31.32 0.59 0.00	33.64 0.71 0.00	37.20 0.88 0.00	38.61 0.99 0.00	47.85 1.46 0.00	47.71 1.51 0.00	47.34 1.56 0.00	31.29 1.08 0.00	21.26 0.77 0.00	26.97 0.98 0.00
HILLBURN___GT 23639	29.84 1.81 0.00	28.95 1.74 0.00	28.41 1.49 0.00	11.35 0.63 0.00	3.75 0.22 0.00	11.36 0.66 0.00	31.68 1.72 0.00	34.13 1.95 0.00	33.15 1.98 0.00	31.35 1.88 0.00	33.55 2.06 0.00	30.85 2.01 0.00	30.99 2.06 0.00	31.09 2.02 0.00	32.79 2.06 0.00	35.19 2.26 0.00	38.82 2.50 0.00	40.24 2.62 0.00	49.41 3.02 0.00	48.84 2.64 0.00	48.31 2.54 0.00	31.89 1.68 0.00	21.84 1.35 0.00	27.75 1.76 0.00
HILLSIDE_115KV_TB1 80332	28.05 -0.69 -0.70	26.58 -0.64 0.00	26.24 -0.68 0.00	10.46 -0.26 0.00	3.46 -0.07 0.00	10.56 -0.22 -0.07	33.10 -0.50 -3.65	37.58 -0.56 -5.95	36.53 -0.47 -5.84	34.47 -0.48 -5.47	36.43 -0.48 -5.41	34.02 -0.66 -5.84	31.74 -0.46 -3.27	33.69 -0.58 -5.20	34.58 -0.57 -4.42	32.25 -0.68 0.00	35.58 -0.74 0.00	36.78 -0.84 0.00	45.30 -1.09 0.00	45.33 -0.87 0.00	44.75 -1.03 0.00	29.56 -0.65 0.00	20.15 -0.34 0.00	25.89 -0.10 0.00

HISHELDN_WT_PWR 323625	21.48 -2.02 4.53	25.24 -1.97 0.00	25.04 -1.88 0.00	9.99 -0.72 0.00	3.28 -0.25 0.00	9.55 -0.69 0.46	4.77 -1.86 23.33	-8.38 -2.05 38.52	-8.49 -1.82 37.82	-7.66 -1.76 35.37	-5.23 -1.93 34.80	-10.89 -1.99 37.75	6.26 -1.85 20.83	-5.91 -1.81 33.17	1.19 -1.78 27.76	30.79 -2.14 0.00	33.97 -2.34 0.00	35.02 -2.60 0.00	43.06 -3.33 0.00	43.45 -2.76 0.00	43.01 -2.77 0.00	28.38 -1.84 0.00	19.26 -1.23 0.00	25.12 -0.87 0.00
HOLTSVILLE_IC_1 23690	54.90 2.92 -23.95	46.89 2.84 -16.84	33.25 2.58 -3.75	15.41 1.06 -3.64	25.42 0.37 -21.53	55.32 1.11 -43.50	51.05 2.95 -18.14	35.40 3.22 0.00	34.45 3.26 -0.03	32.74 2.87 -0.39	42.79 3.31 -7.99	43.36 3.15 -11.37	43.30 3.17 -11.19	43.52 3.17 -11.28	44.49 3.24 -10.52	51.30 3.48 -14.89	41.49 3.67 -1.51	43.60 3.61 -2.37	50.73 4.35 0.01	51.13 3.94 -0.98	50.17 3.81 -0.59	28.47 2.44 4.18	24.46 2.02 -1.94	31.90 2.63 -3.28
HOLTSVILLE_IC_10 23699	55.06 3.07 -23.95	47.03 2.99 -16.83	33.38 2.72 -3.74	15.46 1.11 -3.63	25.41 0.39 -21.49	55.35 1.17 -43.48	51.22 3.13 -18.14	35.59 3.41 0.00	34.66 3.46 -0.03	32.97 3.07 -0.43	43.29 3.52 -8.28	43.95 3.33 -11.78	44.13 3.34 -11.86	44.41 3.34 -12.00	45.54 3.45 -11.35	52.62 3.73 -15.96	42.09 3.92 -1.85	44.56 3.88 -3.06	51.52 4.68 -0.45	51.90 4.28 -1.42	50.85 4.13 -0.94	29.16 2.64 3.69	25.04 2.16 -2.40	32.43 2.79 -3.65
HOLTSVILLE_IC_2 23691	54.90 2.92 -23.95	46.89 2.84 -16.84	33.25 2.58 -3.75	15.41 1.06 -3.64	25.42 0.37 -21.53	55.32 1.11 -43.50	51.05 2.95 -18.14	35.40 3.22 0.00	34.45 3.26 -0.03	32.74 2.87 -0.39	42.79 3.31 -7.99	43.36 3.15 -11.37	43.30 3.17 -11.19	43.52 3.17 -11.28	44.49 3.24 -10.52	51.30 3.48 -14.89	41.49 3.67 -1.51	43.60 3.61 -2.37	50.73 4.35 0.01	51.13 3.94 -0.98	50.17 3.81 -0.59	28.47 2.44 4.18	24.46 2.02 -1.94	31.90 2.63 -3.28
HOLTSVILLE_IC_3 23692	54.90 2.92 -23.95	46.89 2.84 -16.84	33.25 2.58 -3.75	15.41 1.06 -3.64	25.42 0.37 -21.53	55.32 1.11 -43.50	51.05 2.95 -18.14	35.40 3.22 0.00	34.45 3.26 -0.03	32.74 2.87 -0.39	42.79 3.31 -7.99	43.36 3.15 -11.37	43.30 3.17 -11.19	43.52 3.17 -11.28	44.49 3.24 -10.52	51.30 3.48 -14.89	41.49 3.67 -1.51	43.60 3.61 -2.37	50.73 4.35 0.01	51.13 3.94 -0.98	50.17 3.81 -0.59	28.47 2.44 4.18	24.46 2.02 -1.94	31.90 2.63 -3.28
HOLTSVILLE_IC_4 23693	54.90 2.92 -23.95	46.89 2.84 -16.84	33.25 2.58 -3.75	15.41 1.06 -3.64	25.42 0.37 -21.53	55.32 1.11 -43.50	51.05 2.95 -18.14	35.40 3.22 0.00	34.45 3.26 -0.03	32.74 2.87 -0.39	42.79 3.31 -7.99	43.36 3.15 -11.37	43.30 3.17 -11.19	43.52 3.17 -11.28	44.49 3.24 -10.52	51.30 3.48 -14.89	41.49 3.67 -1.51	43.60 3.61 -2.37	50.73 4.35 0.01	51.13 3.94 -0.98	50.17 3.81 -0.59	28.47 2.44 4.18	24.46 2.02 -1.94	31.90 2.63 -3.28
HOLTSVILLE_IC_5 23694	54.90 2.92 -23.95	46.89 2.84 -16.84	33.25 2.58 -3.75	15.41 1.06 -3.64	25.42 0.37 -21.53	55.32 1.11 -43.50	51.05 2.95 -18.14	35.40 3.22 0.00	34.45 3.26 -0.03	32.74 2.87 -0.39	42.79 3.31 -7.99	43.36 3.15 -11.37	43.30 3.17 -11.19	43.52 3.17 -11.28	44.49 3.24 -10.52	51.30 3.48 -14.89	41.49 3.67 -1.51	43.60 3.61 -2.37	50.73 4.35 0.01	51.13 3.94 -0.98	50.17 3.81 -0.59	28.47 2.44 4.18	24.46 2.02 -1.94	31.90 2.63 -3.28
HOLTSVILLE_IC_6 23695	55.06 3.07 -23.95	47.03 2.99 -16.83	33.38 2.72 -3.74	15.46 1.11 -3.63	25.41 0.39 -21.49	55.35 1.17 -43.48	51.22 3.13 -18.14	35.59 3.41 0.00	34.66 3.46 -0.03	32.97 3.07 -0.43	43.29 3.52 -8.28	43.95 3.33 -11.78	44.13 3.34 -11.86	44.41 3.34 -12.00	45.54 3.45 -11.35	52.62 3.73 -15.96	42.09 3.92 -1.85	44.56 3.88 -3.06	51.52 4.68 -0.45	51.90 4.28 -1.42	50.85 4.13 -0.94	29.16 2.64 3.69	25.04 2.16 -2.40	32.43 2.79 -3.65
HOLTSVILLE_IC_7 23696	55.06 3.07 -23.95	47.03 2.99 -16.83	33.38 2.72 -3.74	15.46 1.11 -3.63	25.41 0.39 -21.49	55.35 1.17 -43.48	51.22 3.13 -18.14	35.59 3.41 0.00	34.66 3.46 -0.03	32.97 3.07 -0.43	43.29 3.52 -8.28	43.95 3.33 -11.78	44.13 3.34 -11.86	44.41 3.34 -12.00	45.54 3.45 -11.35	52.62 3.73 -15.96	42.09 3.92 -1.85	44.56 3.88 -3.06	51.52 4.68 -0.45	51.90 4.28 -1.42	50.85 4.13 -0.94	29.16 2.64 3.69	25.04 2.16 -2.40	32.43 2.79 -3.65
HOLTSVILLE_IC_8 23697	55.06 3.07 -23.95	47.03 2.99 -16.83	33.38 2.72 -3.74	15.46 1.11 -3.63	25.41 0.39 -21.49	55.35 1.17 -43.48	51.22 3.13 -18.14	35.59 3.41 0.00	34.66 3.46 -0.03	32.97 3.07 -0.43	43.29 3.52 -8.28	43.95 3.33 -11.78	44.13 3.34 -11.86	44.41 3.34 -12.00	45.54 3.45 -11.35	52.62 3.73 -15.96	42.09 3.92 -1.85	44.56 3.88 -3.06	51.52 4.68 -0.45	51.90 4.28 -1.42	50.85 4.13 -0.94	29.16 2.64 3.69	25.04 2.16 -2.40	32.43 2.79 -3.65
HOLTSVILLE_IC_9 23698	55.06 3.07 -23.95	47.03 2.99 -16.83	33.38 2.72 -3.74	15.46 1.11 -3.63	25.41 0.39 -21.49	55.35 1.17 -43.48	51.22 3.13 -18.14	35.59 3.41 0.00	34.66 3.46 -0.03	32.97 3.07 -0.43	43.29 3.52 -8.28	43.95 3.33 -11.78	44.13 3.34 -11.86	44.41 3.34 -12.00	45.54 3.45 -11.35	52.62 3.73 -15.96	42.09 3.92 -1.85	44.56 3.88 -3.06	51.52 4.68 -0.45	51.90 4.28 -1.42	50.85 4.13 -0.94	29.16 2.64 3.69	25.04 2.16 -2.40	32.43 2.79 -3.65
HOMER_HL_115KV_TB2 355744	26.84 -0.80 0.39	26.51 -0.70 0.00	26.26 -0.66 0.00	10.48 -0.24 0.00	3.45 -0.07 0.00	10.46 -0.20 0.04	27.55 -0.39 2.01	28.31 -0.55 3.32	27.52 -0.38 3.26	26.02 -0.38 3.08	28.07 -0.43 2.99	24.77 -0.79 3.28	26.56 -0.60 1.78	25.57 -0.66 2.84	27.84 -0.57 2.32	32.06 -0.87 0.00	35.15 -1.16 0.00	36.17 -1.46 0.00	44.42 -1.97 0.00	44.63 -1.57 0.00	44.10 -1.67 0.00	29.12 -1.10 0.00	19.82 -0.67 0.00	25.79 -0.20 0.00
HOWARD_WT_PWR 323690	30.88 -2.32 -5.16	25.03 -2.19 0.00	24.74 -2.18 0.00	9.85 -0.87 0.00	3.27 -0.26 0.00	10.53 -0.69 -0.52	54.85 -1.70 -26.60	74.11 -1.91 -43.84	72.60 -1.61 -43.05	68.22 -1.48 -40.23	69.47 -1.67 -39.65	70.25 -1.52 -42.93	51.28 -1.43 -23.78	65.35 -1.58 -37.86	60.99 -1.58 -31.84	31.16 -1.78 0.00	34.59 -1.73 0.00	36.07 -1.55 0.00	44.49 -1.90 0.00	44.96 -1.24 0.00	44.57 -1.21 0.00	29.44 -0.77 0.00	20.01 -0.48 0.00	25.90 -0.09 0.00
HQ_GEN_CEDARS 23644	27.77 -0.27 0.00	27.01 -0.21 0.00	26.87 -0.04 0.00	10.67 -0.04 0.00	3.50 -0.03 0.00	10.67 -0.04 0.00	30.13 0.17 0.00	32.33 0.14 0.00	31.27 0.11 0.00	29.63 0.15 0.00	31.65 0.16 0.00	28.95 0.10 0.00	29.03 0.09 0.00	29.07 0.00 0.00	30.96 0.22 0.00	33.23 0.30 0.00	36.59 0.27 0.00	37.53 -0.09 0.00	46.27 -0.12 0.00	46.38 0.18 0.00	46.12 0.35 0.00	30.34 0.13 0.00	20.32 -0.16 0.00	25.61 -0.38 0.00
HQ_GEN_CEDARS_PROXY 323590	27.76 -0.27 0.00	27.01 -0.21 0.00	26.87 -0.04 0.00	10.67 -0.04 0.00	3.50 -0.03 0.00	10.95 -0.04 -0.28	31.12 0.17 -0.99	32.33 0.14 0.00	31.28 0.11 0.00	29.63 0.15 0.00	31.65 0.16 0.00	28.94 0.10 0.00	29.03 0.09 0.00	29.06 -0.01 0.00	30.96 0.22 0.00	33.23 0.30 0.00	36.59 0.27 0.00	37.53 -0.09 0.00	46.27 -0.12 0.00	46.38 0.18 0.00	46.12 0.34 0.00	30.34 0.13 0.00	19.96 -0.16 0.37	25.61 -0.38 0.00

HQ_GEN_IMPORT 323601	27.89 -0.14 0.00	27.08 -0.13 0.00	26.90 -0.02 0.00	10.69 -0.03 0.00	3.51 -0.02 0.00	10.20 -0.03 0.47	31.02 0.02 -1.05	32.20 0.01 0.00	31.20 0.04 0.00	29.56 0.09 0.00	31.59 0.10 0.00	28.91 0.07 0.00	29.02 0.09 0.00	29.13 0.05 0.00	30.86 0.12 0.00	33.08 0.15 0.00	36.44 0.13 0.00	37.68 0.06 0.00	46.43 0.04 0.00	46.41 0.21 0.00	46.05 0.27 0.00	30.69 0.10 -0.38	20.38 -0.11 0.00	25.71 -0.27 0.00
HQ_GEN_WHEEL 23651	27.89 -0.14 0.00	27.08 -0.13 0.00	26.90 -0.02 0.00	10.69 -0.03 0.00	3.51 -0.02 0.00	10.20 -0.03 0.47	31.02 0.02 -1.05	32.20 0.01 0.00	31.20 0.04 0.00	29.56 0.09 0.00	31.59 0.10 0.00	28.91 0.07 0.00	29.02 0.09 0.00	29.13 0.05 0.00	30.86 0.12 0.00	33.08 0.15 0.00	36.44 0.13 0.00	37.68 0.06 0.00	46.43 0.04 0.00	46.41 0.21 0.00	46.05 0.27 0.00	30.69 0.10 -0.38	20.38 -0.11 0.00	25.71 -0.27 0.00
HUDSON AVE_GT_3 23810	30.16 2.13 0.00	29.28 2.06 0.00	28.70 1.78 0.00	11.47 0.75 0.00	3.79 0.27 0.00	11.50 0.79 0.00	31.99 2.04 0.00	34.52 2.34 0.00	33.56 2.40 0.00	31.77 2.29 0.00	33.98 2.49 0.00	31.26 2.41 0.00	31.39 2.46 0.00	31.49 2.41 0.00	33.16 2.42 0.00	35.56 2.63 0.00	39.19 2.87 0.00	40.61 2.99 0.00	49.83 3.44 0.00	49.22 3.01 0.00	48.69 2.91 0.00	32.17 1.96 0.00	22.04 1.55 0.00	28.03 2.04 0.00
HUDSON AVE_GT_4 23540	30.16 2.13 0.00	29.28 2.06 0.00	28.70 1.78 0.00	11.47 0.75 0.00	3.79 0.27 0.00	11.50 0.79 0.00	31.99 2.04 0.00	34.52 2.34 0.00	33.56 2.40 0.00	31.77 2.29 0.00	33.98 2.49 0.00	31.26 2.41 0.00	31.39 2.46 0.00	31.49 2.41 0.00	33.16 2.42 0.00	35.56 2.63 0.00	39.19 2.87 0.00	40.61 2.99 0.00	49.83 3.44 0.00	49.22 3.01 0.00	48.69 2.91 0.00	32.17 1.96 0.00	22.04 1.55 0.00	28.03 2.04 0.00
HUDSON AVE_GT_5 23657	30.16 2.13 0.00	29.28 2.06 0.00	28.70 1.78 0.00	11.47 0.75 0.00	3.79 0.27 0.00	11.50 0.79 0.00	31.99 2.04 0.00	34.52 2.34 0.00	33.56 2.40 0.00	31.77 2.29 0.00	33.98 2.49 0.00	31.26 2.41 0.00	31.39 2.46 0.00	31.49 2.41 0.00	33.16 2.42 0.00	35.56 2.63 0.00	39.19 2.87 0.00	40.61 2.99 0.00	49.83 3.44 0.00	49.22 3.01 0.00	48.69 2.91 0.00	32.17 1.96 0.00	22.04 1.55 0.00	28.03 2.04 0.00
HUDSON_AVE_10 24168	30.05 2.02 0.00	29.16 1.95 0.00	28.60 1.68 0.00	11.43 0.72 0.00	3.78 0.25 0.00	11.46 0.76 0.00	31.87 1.91 0.00	34.36 2.17 0.00	33.41 2.25 0.00	31.64 2.17 0.00	33.84 2.35 0.00	31.13 2.28 0.00	31.26 2.33 0.00	31.34 2.28 0.00	33.01 2.27 0.00	35.40 2.47 0.00	39.01 2.69 0.00	40.43 2.81 0.00	49.61 3.22 0.00	49.01 2.81 0.00	48.49 2.72 0.00	32.05 1.84 0.00	21.95 1.46 0.00	27.90 1.92 0.00
HUDSON___115KV_TB 4 355613	28.88 0.84 0.00	27.99 0.78 0.00	27.59 0.67 0.00	11.01 0.29 0.00	3.63 0.10 0.00	11.01 0.31 0.00	30.70 0.75 0.00	32.99 0.80 0.00	31.78 0.61 0.00	30.00 0.52 0.00	31.98 0.49 0.00	29.24 0.39 0.00	29.25 0.32 0.00	29.61 0.54 0.00	31.21 0.48 0.00	33.45 0.52 0.00	36.71 0.39 0.00	38.16 0.53 0.00	47.39 1.00 0.00	47.13 0.93 0.00	46.67 0.89 0.00	30.90 0.69 0.00	21.19 0.70 0.00	26.87 0.89 0.00
HUNTER MOUNT___DRP 323613	29.38 1.35 0.00	28.46 1.25 0.00	28.05 1.13 0.00	11.19 0.47 0.00	3.69 0.16 0.00	11.21 0.50 0.00	31.32 1.37 0.00	33.67 1.48 0.00	32.46 1.30 0.00	30.61 1.13 0.00	32.54 1.05 0.00	29.74 0.90 0.00	29.74 0.81 0.00	30.14 1.07 0.00	31.86 1.12 0.00	34.16 1.23 0.00	37.58 1.26 0.00	38.98 1.36 0.00	48.48 2.09 0.00	48.27 2.07 0.00	47.86 2.09 0.00	31.64 1.42 0.00	21.61 1.12 0.00	27.38 1.39 0.00
HUNTINGTON_RES_REC 323705	54.76 2.77 -23.95	46.74 2.70 -16.82	33.09 2.43 -3.74	15.35 1.00 -3.63	25.34 0.35 -21.47	55.21 1.05 -43.45	50.86 2.76 -18.14	35.16 2.97 0.00	34.18 3.01 0.00	32.53 2.65 -0.41	42.94 3.08 -8.37	43.71 2.97 -11.90	44.01 2.99 -12.08	44.27 2.96 -12.24	45.38 3.03 -11.62	35.80 3.32 0.46	41.65 3.39 -1.95	36.81 3.36 4.17	48.08 4.03 2.33	51.42 3.65 -1.57	50.34 3.50 -1.06	28.89 2.23 3.55	24.91 1.89 -2.53	32.24 2.48 -3.76
HUNTLEY___63 23557	24.78 -1.85 1.41	25.43 -1.78 0.00	25.28 -1.64 0.00	10.06 -0.66 0.00	3.30 -0.22 0.00	9.90 -0.67 0.14	20.83 -1.88 7.25	18.12 -2.09 11.97	17.56 -1.85 11.75	16.64 -1.82 11.02	18.77 -1.92 10.81	15.06 -2.03 11.76	20.70 -1.78 6.46	17.02 -1.77 10.29	20.46 -1.71 8.56	30.84 -2.09 0.00	33.91 -2.41 0.00	34.65 -2.97 0.00	42.42 -3.97 0.00	42.80 -3.40 0.00	42.38 -3.40 0.00	27.95 -2.26 0.00	18.95 -1.54 0.00	24.83 -1.16 0.00
HUNTLEY___64 23558	24.78 -1.85 1.41	25.43 -1.78 0.00	25.28 -1.64 0.00	10.06 -0.66 0.00	3.30 -0.22 0.00	9.90 -0.67 0.14	20.83 -1.88 7.25	18.12 -2.09 11.97	17.56 -1.85 11.75	16.64 -1.82 11.02	18.77 -1.92 10.81	15.06 -2.03 11.76	20.70 -1.78 6.46	17.02 -1.77 10.29	20.46 -1.71 8.56	30.84 -2.09 0.00	33.91 -2.41 0.00	34.65 -2.97 0.00	42.42 -3.97 0.00	42.80 -3.40 0.00	42.38 -3.40 0.00	27.95 -2.26 0.00	18.95 -1.54 0.00	24.83 -1.16 0.00
HUNTLEY___65 23559	24.78 -1.85 1.41	25.43 -1.78 0.00	25.28 -1.64 0.00	10.06 -0.66 0.00	3.30 -0.22 0.00	9.90 -0.67 0.14	20.83 -1.88 7.25	18.12 -2.09 11.97	17.56 -1.85 11.75	16.64 -1.82 11.02	18.77 -1.92 10.81	15.06 -2.03 11.76	20.70 -1.78 6.46	17.02 -1.77 10.29	20.46 -1.71 8.56	30.84 -2.09 0.00	33.91 -2.41 0.00	34.65 -2.97 0.00	42.42 -3.97 0.00	42.80 -3.40 0.00	42.38 -3.40 0.00	27.95 -2.26 0.00	18.95 -1.54 0.00	24.83 -1.16 0.00
HUNTLEY___66 23560	24.78 -1.85 1.41	25.43 -1.78 0.00	25.28 -1.64 0.00	10.06 -0.66 0.00	3.30 -0.22 0.00	9.90 -0.67 0.14	20.83 -1.88 7.25	18.12 -2.09 11.97	17.56 -1.85 11.75	16.64 -1.82 11.02	18.77 -1.92 10.81	15.06 -2.03 11.76	20.70 -1.78 6.46	17.02 -1.77 10.29	20.46 -1.71 8.56	30.84 -2.09 0.00	33.91 -2.41 0.00	34.65 -2.97 0.00	42.42 -3.97 0.00	42.80 -3.40 0.00	42.38 -3.40 0.00	27.95 -2.26 0.00	18.95 -1.54 0.00	24.83 -1.16 0.00
HUNTLEY___67 23561	24.36 -2.04 1.63	25.29 -1.92 0.00	25.13 -1.79 0.00	10.01 -0.71 0.00	3.28 -0.24 0.00	9.81 -0.73 0.16	19.49 -2.09 8.37	16.07 -2.33 13.79	15.53 -2.10 13.54	14.74 -2.01 12.72	16.92 -2.15 12.42	13.03 -2.25 13.57	19.52 -1.99 7.42	15.21 -2.00 11.86	19.01 -1.96 9.76	30.61 -2.32 0.00	33.67 -2.65 0.00	34.50 -3.12 0.00	42.26 -4.13 0.00	42.65 -3.55 0.00	42.22 -3.56 0.00	27.85 -2.36 0.00	18.87 -1.62 0.00	24.72 -1.27 0.00
HUNTLEY___68 23562	24.36 -2.04 1.63	25.29 -1.92 0.00	25.13 -1.79 0.00	10.01 -0.71 0.00	3.28 -0.24 0.00	9.81 -0.73 0.16	19.49 -2.09 8.37	16.07 -2.33 13.79	15.53 -2.10 13.54	14.74 -2.01 12.72	16.92 -2.15 12.42	13.03 -2.25 13.57	19.52 -1.99 7.42	15.21 -2.00 11.86	19.01 -1.96 9.76	30.61 -2.32 0.00	33.67 -2.65 0.00	34.50 -3.12 0.00	42.26 -4.13 0.00	42.65 -3.55 0.00	42.22 -3.56 0.00	27.85 -2.36 0.00	18.87 -1.62 0.00	24.72 -1.27 0.00

HYLAND___LFGE 323620	33.20 -0.59 -5.76	26.62 -0.60 0.00	26.37 -0.55 0.00	10.50 -0.22 0.00	3.47 -0.06 0.00	11.17 -0.12 -0.58	59.50 -0.11 -29.65	80.99 -0.09 -48.90	79.11 -0.06 -48.01	74.11 -0.22 -44.85	75.11 -0.57 -44.19	76.02 -0.69 -47.87	54.60 -0.83 -26.50	70.45 -0.82 -42.20	65.34 -0.83 -35.44	31.91 -1.02 0.00	35.41 -0.91 0.00	36.68 -0.94 0.00	45.27 -1.12 0.00	46.22 0.01 0.00	46.03 0.25 0.00	30.40 0.19 0.00	20.53 0.04 0.00	26.51 0.52 0.00
INDECK___CORINTH 23802	29.52 1.48 0.00	28.59 1.38 0.00	28.16 1.24 0.00	11.23 0.51 0.00	3.70 0.18 0.00	11.28 0.58 0.00	31.54 1.59 0.00	33.87 1.69 0.00	32.47 1.31 0.00	30.50 1.03 0.00	32.57 1.09 0.00	29.84 0.99 0.00	29.84 0.90 0.00	30.18 1.11 0.00	31.87 1.14 0.00	34.26 1.33 0.00	37.93 1.62 0.00	39.70 2.08 0.00	49.15 2.76 0.00	48.90 2.69 0.00	48.33 2.55 0.00	31.97 1.75 0.00	21.70 1.21 0.00	27.42 1.43 0.00
INDECK___ILION 23567	28.29 0.25 0.00	27.42 0.21 0.00	26.99 0.07 0.00	10.76 0.05 0.00	3.55 0.02 0.00	10.78 0.08 0.00	30.10 0.15 0.00	32.30 0.12 0.00	31.13 -0.03 0.00	29.29 -0.19 0.00	31.25 -0.24 0.00	28.66 -0.19 0.00	28.71 -0.22 0.00	28.90 -0.16 0.00	30.54 -0.20 0.00	32.75 -0.18 0.00	36.16 -0.16 0.00	37.56 -0.06 0.00	46.52 0.13 0.00	46.27 0.07 0.00	45.80 0.02 0.00	30.26 0.05 0.00	20.69 0.20 0.00	26.23 0.25 0.00
INDECK___OLEAN 23982	26.86 -0.79 0.39	26.51 -0.70 0.00	26.26 -0.66 0.00	10.47 -0.24 0.00	3.45 -0.07 0.00	10.46 -0.20 0.04	27.57 -0.37 2.01	28.35 -0.51 3.32	27.56 -0.34 3.26	26.05 -0.35 3.08	28.10 -0.40 2.99	24.82 -0.74 3.28	26.59 -0.56 1.78	25.62 -0.61 2.84	27.88 -0.53 2.32	32.06 -0.87 0.00	35.16 -1.16 0.00	36.17 -1.46 0.00	44.42 -1.98 0.00	44.62 -1.58 0.00	44.10 -1.68 0.00	29.11 -1.10 0.00	19.82 -0.68 0.00	25.79 -0.20 0.00
INDECK___OSWEGO 23783	27.26 -0.78 0.00	26.48 -0.73 0.00	26.15 -0.77 0.00	10.41 -0.30 0.00	3.43 -0.10 0.00	10.40 -0.31 0.00	29.05 -0.90 0.00	31.20 -0.99 0.00	30.21 -0.95 0.00	28.56 -0.91 0.00	30.49 -1.00 0.00	27.87 -0.97 0.00	27.93 -1.01 0.00	28.11 -0.96 0.00	29.71 -1.02 0.00	31.81 -1.12 0.00	35.12 -1.20 0.00	36.39 -1.23 0.00	44.90 -1.49 0.00	44.72 -1.49 0.00	44.29 -1.49 0.00	29.27 -0.94 0.00	19.92 -0.57 0.00	25.36 -0.63 0.00
INDECK___YERKES 23781	24.84 -1.78 1.41	25.46 -1.75 0.00	25.30 -1.61 0.00	10.08 -0.64 0.00	3.31 -0.22 0.00	9.91 -0.65 0.14	20.89 -1.82 7.25	18.22 -1.99 11.97	17.66 -1.74 11.75	16.73 -1.73 11.02	18.84 -1.84 10.81	15.17 -1.92 11.76	20.78 -1.70 6.46	17.12 -1.66 10.29	20.55 -1.62 8.56	30.88 -2.05 0.00	33.94 -2.38 0.00	34.69 -2.93 0.00	42.47 -3.92 0.00	42.84 -3.36 0.00	42.42 -3.36 0.00	27.98 -2.24 0.00	18.97 -1.52 0.00	24.85 -1.13 0.00
INDIAN POINT_GT_1 24139	29.84 1.80 0.00	28.97 1.75 0.00	28.43 1.51 0.00	11.36 0.64 0.00	3.75 0.22 0.00	11.37 0.66 0.00	31.66 1.71 0.00	34.12 1.94 0.00	33.12 1.96 0.00	31.33 1.86 0.00	33.53 2.04 0.00	30.84 1.99 0.00	30.96 2.03 0.00	31.07 2.00 0.00	32.74 2.01 0.00	35.13 2.20 0.00	38.73 2.42 0.00	40.16 2.54 0.00	49.31 2.93 0.00	48.75 2.54 0.00	48.21 2.44 0.00	31.85 1.64 0.00	21.82 1.33 0.00	27.73 1.75 0.00
INDIAN POINT_GT_2 23659	29.84 1.80 0.00	28.97 1.75 0.00	28.43 1.51 0.00	11.36 0.64 0.00	3.75 0.22 0.00	11.37 0.66 0.00	31.66 1.71 0.00	34.12 1.94 0.00	33.12 1.96 0.00	31.33 1.86 0.00	33.53 2.04 0.00	30.84 1.99 0.00	30.96 2.03 0.00	31.07 2.00 0.00	32.74 2.01 0.00	35.13 2.20 0.00	38.73 2.42 0.00	40.16 2.54 0.00	49.31 2.93 0.00	48.75 2.54 0.00	48.21 2.44 0.00	31.85 1.64 0.00	21.82 1.33 0.00	27.73 1.75 0.00
INDIAN POINT_GT_3 24019	29.84 1.80 0.00	28.97 1.75 0.00	28.43 1.51 0.00	11.36 0.64 0.00	3.75 0.22 0.00	11.37 0.66 0.00	31.66 1.71 0.00	34.12 1.94 0.00	33.12 1.96 0.00	31.33 1.86 0.00	33.53 2.04 0.00	30.84 1.99 0.00	30.96 2.03 0.00	31.07 2.00 0.00	32.74 2.01 0.00	35.13 2.20 0.00	38.73 2.42 0.00	40.16 2.54 0.00	49.31 2.93 0.00	48.75 2.54 0.00	48.21 2.44 0.00	31.85 1.64 0.00	21.82 1.33 0.00	27.73 1.75 0.00
INDIAN POINT___2 23530	29.82 1.79 0.00	28.95 1.73 0.00	28.40 1.48 0.00	11.34 0.63 0.00	3.75 0.22 0.00	11.36 0.66 0.00	31.64 1.69 0.00	34.09 1.91 0.00	33.09 1.93 0.00	31.31 1.84 0.00	33.51 2.02 0.00	30.81 1.96 0.00	30.95 2.01 0.00	31.04 1.97 0.00	32.73 2.00 0.00	35.11 2.18 0.00	38.72 2.40 0.00	40.15 2.53 0.00	49.28 2.89 0.00	48.72 2.51 0.00	48.19 2.41 0.00	31.83 1.62 0.00	21.81 1.32 0.00	27.71 1.72 0.00
INDIAN POINT___3 23531	29.79 1.75 0.00	28.92 1.70 0.00	28.38 1.46 0.00	11.34 0.63 0.00	3.75 0.22 0.00	11.36 0.65 0.00	31.62 1.67 0.00	34.08 1.90 0.00	33.08 1.92 0.00	31.29 1.82 0.00	33.49 2.00 0.00	30.80 1.95 0.00	30.92 1.99 0.00	31.02 1.96 0.00	32.70 1.97 0.00	35.08 2.15 0.00	38.68 2.37 0.00	40.11 2.49 0.00	49.25 2.86 0.00	48.69 2.49 0.00	48.16 2.38 0.00	31.81 1.59 0.00	21.80 1.31 0.00	27.70 1.72 0.00
INGHAM_C_115KV_TB7 356103	28.54 0.50 0.00	27.63 0.41 0.00	27.04 0.13 0.00	10.80 0.09 0.00	3.57 0.04 0.00	10.87 0.16 0.00	30.26 0.31 0.00	32.41 0.23 0.00	31.07 -0.09 0.00	29.04 -0.43 0.00	30.95 -0.54 0.00	28.42 -0.43 0.00	28.42 -0.51 0.00	28.66 -0.41 0.00	30.32 -0.41 0.00	32.59 -0.34 0.00	36.00 -0.31 0.00	37.52 -0.10 0.00	46.72 0.33 0.00	46.41 0.21 0.00	45.91 0.13 0.00	30.37 0.15 0.00	20.91 0.42 0.00	26.49 0.51 0.00
IP CORINTH___1 23988	29.52 1.48 0.00	28.59 1.38 0.00	28.16 1.24 0.00	11.23 0.51 0.00	3.70 0.18 0.00	11.28 0.58 0.00	31.54 1.59 0.00	33.87 1.69 0.00	32.47 1.31 0.00	30.51 1.03 0.00	32.58 1.09 0.00	29.84 0.99 0.00	29.84 0.91 0.00	30.18 1.11 0.00	31.88 1.14 0.00	34.26 1.33 0.00	37.94 1.62 0.00	39.70 2.08 0.00	49.15 2.76 0.00	48.90 2.69 0.00	48.33 2.56 0.00	31.97 1.75 0.00	21.70 1.21 0.00	27.42 1.43 0.00
IP___TICONDEROGA 23804	30.36 2.33 0.00	29.33 2.12 0.00	28.87 1.95 0.00	11.53 0.81 0.00	3.80 0.27 0.00	11.63 0.93 0.00	32.59 2.63 0.00	34.90 2.71 0.00	32.97 1.81 0.00	30.77 1.29 0.00	32.97 1.47 0.00	30.03 1.18 0.00	30.09 1.15 0.00	30.45 1.38 0.00	32.16 1.42 0.00	34.83 1.90 0.00	38.78 2.46 0.00	40.93 3.31 0.00	50.44 4.05 0.00	50.56 4.35 0.00	49.92 4.14 0.00	33.05 2.84 0.00	22.29 1.80 0.00	27.93 1.94 0.00
ISLIP_RES_REC 323679	55.15 3.17 -23.95	47.10 3.07 -16.82	33.46 2.81 -3.74	15.49 1.15 -3.63	25.40 0.40 -21.47	55.37 1.20 -43.46	51.34 3.25 -18.14	35.73 3.54 0.00	34.79 3.60 -0.03	33.13 3.20 -0.45	43.63 3.66 -8.47	44.36 3.46 -12.05	44.70 3.46 -12.31	45.03 3.48 -12.48	46.25 3.61 -11.90	52.15 3.90 -15.32	42.51 4.11 -2.08	44.62 4.07 -2.93	51.82 4.91 -0.52	52.43 4.51 -1.72	51.32 4.36 -1.17	29.62 2.77 3.37	25.44 2.25 -2.70	32.78 2.89 -3.91

JAMAICA__27_KV_LOAD 355505	30.02 1.99 0.00	29.14 1.93 0.00	28.59 1.68 0.00	11.44 0.72 0.00	3.78 0.25 0.00	11.48 0.78 0.00	31.86 1.90 0.00	34.28 2.10 0.00	33.35 2.19 0.00	31.62 2.15 0.00	33.82 2.33 0.00	31.10 2.25 0.00	31.26 2.33 0.00	31.30 2.23 0.00	32.97 2.24 0.00	35.37 2.45 0.00	38.96 2.65 0.00	40.38 2.76 0.00	49.66 3.27 0.00	49.12 2.92 0.00	48.63 2.85 0.00	32.18 1.97 0.00	22.04 1.54 0.00	27.99 2.00 0.00
JANIS__SOLAR 323808	28.67 0.25 -0.38	27.51 0.30 0.00	27.18 0.27 0.00	10.82 0.10 0.00	3.57 0.04 0.00	10.91 0.17 -0.04	32.58 0.64 -1.98	36.11 0.66 -3.26	34.94 0.58 -3.21	32.75 0.27 -3.00	34.59 0.13 -2.97	32.09 0.04 -3.20	30.97 0.26 -1.78	32.25 0.34 -2.83	33.61 0.48 -2.40	33.27 0.34 0.00	36.58 0.26 0.00	38.14 0.52 0.00	47.34 0.95 0.00	47.55 1.35 0.00	47.15 1.38 0.00	31.09 0.88 0.00	21.05 0.56 0.00	26.90 0.92 0.00
JARVIS____ 23743	28.09 0.05 0.00	27.26 0.05 0.00	26.92 0.01 0.00	10.73 0.01 0.00	3.53 0.01 0.00	10.72 0.01 0.00	29.95 -0.01 0.00	32.17 -0.02 0.00	31.13 -0.03 0.00	29.42 -0.06 0.00	31.42 -0.07 0.00	28.79 -0.06 0.00	28.86 -0.07 0.00	29.02 -0.05 0.00	30.64 -0.09 0.00	32.84 -0.09 0.00	36.24 -0.07 0.00	37.57 -0.05 0.00	46.34 -0.05 0.00	46.11 -0.09 0.00	45.65 -0.12 0.00	30.17 -0.04 0.00	20.53 0.04 0.00	26.06 0.07 0.00
JENNISON____1 23625	27.99 -0.04 0.00	27.17 -0.04 0.00	26.80 -0.12 0.00	10.69 -0.02 0.00	3.52 0.00 0.00	10.72 0.02 0.00	30.15 0.20 0.00	32.36 0.17 0.00	31.26 0.10 0.00	29.41 -0.06 0.00	31.50 0.00 -0.01	28.68 -0.16 0.00	28.97 0.03 0.00	29.17 0.09 0.00	30.85 0.10 -0.01	32.92 -0.01 0.00	36.34 0.03 0.00	38.16 0.54 0.00	47.28 0.89 0.00	47.40 1.20 0.00	46.72 0.94 0.00	30.76 0.55 0.00	20.81 0.31 0.00	26.66 0.68 0.00
JENNISON____2 23626	27.99 -0.04 0.00	27.17 -0.04 0.00	26.80 -0.12 0.00	10.69 -0.02 0.00	3.52 0.00 0.00	10.72 0.02 0.00	30.15 0.20 0.00	32.36 0.17 0.00	31.26 0.10 0.00	29.41 -0.06 0.00	31.50 0.00 -0.01	28.68 -0.16 0.00	28.97 0.03 0.00	29.17 0.09 0.00	30.85 0.10 -0.01	32.92 -0.01 0.00	36.34 0.03 0.00	38.16 0.54 0.00	47.28 0.89 0.00	47.40 1.20 0.00	46.72 0.94 0.00	30.76 0.55 0.00	20.81 0.31 0.00	26.66 0.68 0.00
JERICOHO_RISE_WT_PWR 323719	27.81 -0.22 0.00	27.09 -0.12 0.00	26.98 0.06 0.00	10.71 0.00 0.00	3.51 -0.01 0.00	10.70 0.00 0.00	30.01 0.05 0.00	32.25 0.06 0.00	31.18 0.02 0.00	29.59 0.11 0.00	31.63 0.14 0.00	28.88 0.04 0.00	29.04 0.11 0.00	29.02 -0.05 0.00	30.89 0.16 0.00	33.14 0.20 0.00	36.45 0.13 0.00	37.53 -0.09 0.00	46.23 -0.16 0.00	46.50 0.29 0.00	46.29 0.51 0.00	30.48 0.27 0.00	20.41 -0.08 0.00	25.71 -0.27 0.00
KATONAH__115KV_46KV_TB4 355592	29.95 1.91 0.00	29.06 1.85 0.00	28.54 1.62 0.00	11.40 0.68 0.00	3.76 0.23 0.00	11.41 0.70 0.00	31.77 1.82 0.00	34.25 2.07 0.00	33.26 2.10 0.00	31.46 1.99 0.00	33.67 2.18 0.00	30.97 2.12 0.00	31.10 2.16 0.00	31.19 2.12 0.00	32.87 2.13 0.00	35.25 2.32 0.00	38.89 2.58 0.00	40.32 2.70 0.00	49.52 3.13 0.00	48.96 2.76 0.00	48.42 2.64 0.00	31.98 1.77 0.00	21.91 1.42 0.00	27.83 1.84 0.00
KCE_NY_1 323755	29.40 1.36 0.00	28.49 1.28 0.00	28.11 1.19 0.00	11.20 0.48 0.00	3.69 0.17 0.00	11.23 0.52 0.00	31.37 1.41 0.00	33.69 1.50 0.00	32.38 1.22 0.00	30.50 1.02 0.00	32.53 1.05 0.00	29.83 0.99 0.00	29.83 0.90 0.00	30.12 1.05 0.00	31.74 1.01 0.00	34.03 1.10 0.00	37.72 1.41 0.00	39.35 1.73 0.00	48.78 2.39 0.00	48.43 2.23 0.00	47.89 2.11 0.00	31.69 1.48 0.00	21.57 1.08 0.00	27.38 1.39 0.00
KCE_NY_6_ESR 323823	24.67 -1.67 1.70	25.58 -1.63 0.00	25.39 -1.53 0.00	10.12 -0.60 0.00	3.32 -0.20 0.00	9.93 -0.60 0.17	19.59 -1.63 8.72	15.99 -1.80 14.40	15.45 -1.57 14.14	14.69 -1.53 13.25	16.84 -1.65 13.00	12.92 -1.78 14.14	19.63 -1.53 7.77	15.19 -1.50 12.39	18.98 -1.45 10.30	31.06 -1.87 0.00	34.22 -2.10 0.00	35.12 -2.50 0.00	43.08 -3.32 0.00	43.41 -2.79 0.00	42.95 -2.83 0.00	28.34 -1.87 0.00	19.20 -1.29 0.00	25.11 -0.88 0.00
KEDC PORT_JEFF_GT2 24210	55.01 3.03 -23.95	46.99 2.95 -16.83	33.34 2.68 -3.74	15.45 1.10 -3.63	25.41 0.38 -21.50	55.34 1.15 -43.48	51.17 3.07 -18.14	35.53 3.34 0.00	34.59 3.40 -0.03	32.90 3.00 -0.42	43.12 3.45 -8.18	43.75 3.27 -11.63	43.83 3.28 -11.62	44.09 3.28 -11.74	45.17 3.38 -11.06	53.54 3.65 -16.95	41.78 3.74 -1.73	44.75 3.70 -3.43	51.37 4.45 -0.53	51.52 4.05 -1.26	50.51 3.92 -0.81	28.84 2.50 3.87	24.84 2.12 -2.23	32.25 2.74 -3.52
KEDC PORT_JEFF_GT3 24211	55.01 3.03 -23.95	46.99 2.95 -16.83	33.34 2.68 -3.74	15.45 1.10 -3.63	25.41 0.38 -21.50	55.34 1.15 -43.48	51.17 3.07 -18.14	35.53 3.34 0.00	34.59 3.40 -0.03	32.90 3.00 -0.42	43.12 3.45 -8.18	43.75 3.27 -11.63	43.83 3.28 -11.62	44.09 3.28 -11.74	45.17 3.38 -11.06	53.54 3.65 -16.95	41.78 3.74 -1.73	44.75 3.70 -3.43	51.37 4.45 -0.53	51.52 4.05 -1.26	50.51 3.92 -0.81	28.84 2.50 3.87	24.84 2.12 -2.23	32.25 2.74 -3.52
KEDC_GLWD_GT4 24219	54.40 2.41 -23.95	45.62 2.33 -16.08	32.25 2.06 -3.27	14.74 0.86 -3.17	22.56 0.30 -18.74	52.83 0.89 -41.23	50.43 2.33 -18.14	34.79 2.61 0.00	33.83 2.66 -0.01	34.03 2.48 -2.08	52.61 2.77 -18.35	57.45 2.64 -25.97	68.24 2.70 -36.61	70.74 2.67 -39.01	77.84 2.71 -44.39	55.31 2.95 -19.44	54.75 3.21 -15.23	53.03 3.30 -12.11	60.90 3.88 -10.63	67.93 3.52 -18.21	63.43 3.37 -14.28	45.01 2.22 -12.57	39.49 1.76 -17.23	44.23 2.28 -15.96
KEDC_GLWD_GT5 24220	54.40 2.41 -23.95	45.62 2.33 -16.08	32.25 2.06 -3.27	14.74 0.86 -3.17	22.56 0.30 -18.74	52.83 0.89 -41.23	50.43 2.33 -18.14	34.79 2.61 0.00	33.83 2.66 -0.01	34.03 2.48 -2.08	52.61 2.77 -18.35	57.45 2.64 -25.97	68.24 2.70 -36.61	70.74 2.67 -39.01	77.84 2.71 -44.39	55.31 2.95 -19.44	54.75 3.21 -15.23	53.03 3.30 -12.11	60.90 3.88 -10.63	67.93 3.52 -18.21	63.43 3.37 -14.28	45.01 2.22 -12.57	39.49 1.76 -17.23	44.23 2.28 -15.96
KENSICO____ 23655	29.95 1.91 0.00	29.07 1.86 0.00	28.52 1.60 0.00	11.39 0.68 0.00	3.76 0.24 0.00	11.41 0.70 0.00	31.77 1.82 0.00	34.25 2.07 0.00	33.27 2.11 0.00	31.47 1.99 0.00	33.67 2.18 0.00	30.96 2.12 0.00	31.10 2.16 0.00	31.19 2.12 0.00	32.87 2.13 0.00	35.26 2.33 0.00	38.88 2.56 0.00	40.30 2.68 0.00	49.48 3.09 0.00	48.90 2.69 0.00	48.38 2.60 0.00	31.95 1.74 0.00	21.90 1.41 0.00	27.84 1.85 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.07 2.03 0.00	29.21 1.99 0.00	28.67 1.75 0.00	11.45 0.74 0.00	3.78 0.25 0.00	11.47 0.76 0.00	31.98 2.03 0.00	34.51 2.32 0.00	33.52 2.36 0.00	31.68 2.20 0.00	33.92 2.43 0.00	31.24 2.40 0.00	31.40 2.47 0.00	31.48 2.41 0.00	33.16 2.43 0.00	35.53 2.60 0.00	39.21 2.90 0.00	40.72 3.10 0.00	50.04 3.65 0.00	49.51 3.31 0.00	48.99 3.21 0.00	32.30 2.09 0.00	22.08 1.59 0.00	28.02 2.03 0.00

KIAC_JFK_GT1 23816	29.87 1.84 0.00	28.99 1.78 0.00	28.45 1.53 0.00	11.38 0.67 0.00	3.76 0.23 0.00	11.42 0.72 0.00	31.65 1.69 0.00	33.98 1.80 0.00	33.06 1.90 0.00	31.35 1.88 0.00	33.52 2.03 0.00	30.83 1.98 0.00	30.99 2.06 0.00	31.03 1.97 0.00	32.68 1.95 0.00	35.06 2.13 0.00	38.67 2.36 0.00	40.06 2.44 0.00	49.29 2.90 0.00	48.69 2.49 0.00	48.27 2.49 0.00	31.97 1.76 0.00	21.90 1.41 0.00	27.81 1.82 0.00
KIAC_JFK_GT2 23817	29.87 1.84 0.00	28.99 1.78 0.00	28.45 1.53 0.00	11.38 0.67 0.00	3.76 0.23 0.00	11.42 0.72 0.00	31.65 1.69 0.00	33.98 1.80 0.00	33.06 1.90 0.00	31.35 1.88 0.00	33.52 2.03 0.00	30.83 1.98 0.00	30.99 2.06 0.00	31.03 1.97 0.00	32.68 1.95 0.00	35.06 2.13 0.00	38.67 2.36 0.00	40.06 2.44 0.00	49.29 2.90 0.00	48.69 2.49 0.00	48.27 2.49 0.00	31.97 1.76 0.00	21.90 1.41 0.00	27.81 1.82 0.00
KIAC_JFK____ 323774	29.87 1.84 0.00	29.00 1.79 0.00	28.45 1.54 0.00	11.38 0.67 0.00	3.76 0.23 0.00	11.42 0.72 0.00	31.65 1.69 0.00	33.98 1.79 0.00	33.05 1.89 0.00	31.35 1.87 0.00	33.52 2.03 0.00	30.81 1.96 0.00	30.97 2.04 0.00	31.03 1.96 0.00	32.68 1.94 0.00	35.06 2.13 0.00	38.67 2.35 0.00	40.06 2.44 0.00	49.29 2.90 0.00	48.69 2.48 0.00	48.27 2.49 0.00	31.97 1.76 0.00	21.90 1.41 0.00	27.81 1.82 0.00
KINTIGH__24_KV_GSU 356498	25.34 -1.84 0.86	25.53 -1.68 0.00	25.36 -1.56 0.00	10.09 -0.63 0.00	3.31 -0.21 0.00	9.97 -0.65 0.09	23.61 -1.90 4.44	22.71 -2.12 7.36	22.00 -1.93 7.23	20.87 -1.84 6.76	22.83 -1.99 6.67	19.57 -2.06 7.22	23.11 -1.85 3.98	20.90 -1.86 6.31	23.58 -1.83 5.32	30.81 -2.12 0.00	33.89 -2.43 0.00	34.78 -2.84 0.00	42.65 -3.74 0.00	42.94 -3.26 0.00	42.51 -3.27 0.00	28.05 -2.17 0.00	19.02 -1.48 0.00	24.79 -1.20 0.00
KINTIGH____ 23543	25.32 -1.86 0.86	25.50 -1.71 0.00	25.33 -1.59 0.00	10.09 -0.63 0.00	3.31 -0.21 0.00	9.96 -0.66 0.09	23.59 -1.92 4.44	22.68 -2.14 7.36	21.97 -1.96 7.23	20.84 -1.87 6.76	22.81 -2.01 6.67	19.54 -2.09 7.22	23.08 -1.87 3.98	20.88 -1.88 6.31	23.56 -1.86 5.32	30.78 -2.15 0.00	33.86 -2.45 0.00	34.75 -2.87 0.00	42.61 -3.78 0.00	42.90 -3.30 0.00	42.47 -3.31 0.00	28.02 -2.19 0.00	19.00 -1.49 0.00	24.77 -1.22 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.08 0.04 0.00	27.29 0.08 0.00	27.17 0.26 0.00	10.80 0.09 0.00	3.55 0.02 0.00	10.82 0.11 0.00	30.28 0.33 0.00	32.55 0.36 0.00	31.40 0.24 0.00	29.81 0.33 0.00	31.86 0.37 0.00	29.05 0.20 0.00	29.26 0.32 0.00	29.14 0.07 0.00	31.10 0.37 0.00	33.40 0.47 0.00	36.70 0.38 0.00	37.92 0.30 0.00	46.70 0.31 0.00	47.03 0.83 0.00	46.84 1.06 0.00	30.82 0.61 0.00	20.63 0.14 0.00	25.97 -0.01 0.00
LACHUTE____HYDRO 323717	30.37 2.33 0.00	29.33 2.12 0.00	28.87 1.95 0.00	11.53 0.81 0.00	3.80 0.27 0.00	11.63 0.93 0.00	32.59 2.64 0.00	34.89 2.71 0.00	32.97 1.80 0.00	30.76 1.29 0.00	32.97 1.47 0.00	30.02 1.18 0.00	30.09 1.15 0.00	30.45 1.37 0.00	32.15 1.42 0.00	34.83 1.91 0.00	38.78 2.46 0.00	40.93 3.31 0.00	50.44 4.05 0.00	50.56 4.36 0.00	49.92 4.14 0.00	33.05 2.84 0.00	22.28 1.80 0.00	27.93 1.94 0.00
LAWRNCV_115KV_TB1 80681	27.24 -0.80 0.00	26.49 -0.72 0.00	26.37 -0.55 0.00	10.47 -0.24 0.00	3.43 -0.10 0.00	10.47 -0.23 0.00	29.59 -0.37 0.00	31.75 -0.43 0.00	30.67 -0.49 0.00	29.02 -0.46 0.00	31.00 -0.49 0.00	28.32 -0.52 0.00	28.34 -0.59 0.00	28.39 -0.68 0.00	30.31 -0.43 0.00	32.55 -0.38 0.00	35.84 -0.47 0.00	36.81 -0.81 0.00	45.45 -0.94 0.00	45.63 -0.57 0.00	45.41 -0.37 0.00	29.88 -0.34 0.00	19.98 -0.51 0.00	25.12 -0.86 0.00
LEDERLE____ 23769	29.91 1.87 0.00	29.02 1.81 0.00	28.47 1.56 0.00	11.37 0.66 0.00	3.76 0.23 0.00	11.39 0.69 0.00	31.75 1.80 0.00	34.23 2.04 0.00	33.24 2.08 0.00	31.44 1.96 0.00	33.65 2.16 0.00	30.95 2.11 0.00	31.08 2.15 0.00	31.19 2.12 0.00	32.89 2.15 0.00	35.29 2.36 0.00	38.92 2.60 0.00	40.35 2.73 0.00	49.53 3.14 0.00	48.98 2.77 0.00	48.45 2.67 0.00	31.98 1.77 0.00	21.90 1.41 0.00	27.83 1.84 0.00
LIGHTHSE_115KV_TB6 355974	27.37 -0.67 0.00	26.60 -0.61 0.00	26.27 -0.65 0.00	10.45 -0.27 0.00	3.44 -0.09 0.00	10.42 -0.28 0.00	29.20 -0.75 0.00	31.44 -0.75 0.00	30.50 -0.66 0.00	28.81 -0.66 0.00	30.73 -0.76 0.00	27.95 -0.90 0.00	27.89 -1.05 0.00	28.17 -0.90 0.00	29.81 -0.92 0.00	31.84 -1.09 0.00	35.25 -1.07 0.00	36.63 -0.99 0.00	45.16 -1.23 0.00	45.14 -1.06 0.00	44.72 -1.06 0.00	29.59 -0.62 0.00	20.13 -0.36 0.00	25.52 -0.47 0.00
LINDEN COGEN____ 23786	30.05 2.01 0.00	29.15 1.93 0.00	28.54 1.62 0.00	11.40 0.69 0.00	3.77 0.24 0.00	11.43 0.73 0.00	31.80 1.85 0.00	34.02 2.13 0.30	31.94 2.20 1.42	29.94 2.11 1.64	32.36 2.29 1.42	29.45 2.23 1.63	29.58 2.28 1.63	29.69 2.24 1.62	31.51 2.24 1.46	34.16 2.45 1.22	38.14 2.68 0.85	39.71 2.79 0.71	49.40 3.20 0.19	48.99 2.79 0.00	48.48 2.71 0.00	31.16 1.83 0.88	21.95 1.45 0.00	27.91 1.92 0.00
LINDHRST_69_KV_BK1 356055	54.99 3.00 -23.95	46.79 2.91 -16.67	33.18 2.62 -3.64	15.33 1.08 -3.53	24.81 0.37 -20.91	54.83 1.13 -43.00	51.11 3.01 -18.14	35.48 3.29 0.00	34.54 3.37 -0.02	33.61 2.98 -1.15	48.47 3.39 -13.59	51.32 3.18 -19.29	56.19 3.21 -24.04	57.43 3.20 -25.16	60.42 3.29 -26.40	49.92 3.52 -13.46	48.18 3.78 -8.08	47.39 3.79 -5.98	55.92 4.52 -5.02	59.84 4.21 -9.43	57.18 4.06 -7.34	38.11 2.67 -5.23	33.31 2.13 -10.69	39.31 2.79 -10.53
LIPA_MISC_IPP 23656	55.15 3.16 -23.95	47.12 3.07 -16.84	33.46 2.80 -3.75	15.49 1.14 -3.64	25.44 0.40 -21.52	55.41 1.21 -43.50	51.34 3.25 -18.14	35.72 3.54 0.00	34.79 3.60 -0.03	33.05 3.18 -0.39	43.15 3.62 -8.04	43.69 3.41 -11.44	43.68 3.44 -11.30	43.89 3.42 -11.40	44.92 3.52 -10.66	51.86 3.83 -15.10	41.93 4.05 -1.56	44.15 4.03 -2.50	51.32 4.86 -0.08	51.70 4.44 -1.06	50.72 4.29 -0.64	28.82 2.70 4.10	24.69 2.18 -2.02	32.15 2.82 -3.34
LISF____SOLAR 323691	55.21 3.23 -23.95	47.18 3.13 -16.83	33.52 2.85 -3.75	15.51 1.16 -3.63	25.45 0.40 -21.51	55.43 1.23 -43.49	51.41 3.31 -18.14	35.81 3.62 0.00	34.86 3.67 -0.03	33.11 3.23 -0.40	43.26 3.68 -8.09	43.81 3.46 -11.51	43.84 3.48 -11.42	44.07 3.47 -11.53	45.14 3.60 -10.81	52.15 3.92 -15.30	42.09 4.15 -1.63	44.38 4.14 -2.63	51.54 4.99 -0.16	51.92 4.57 -1.14	50.92 4.43 -0.71	29.00 2.80 4.01	24.84 2.25 -2.10	32.28 2.88 -3.41
LITTLE FALLS____HYD 24013	28.54 0.50 0.00	27.63 0.41 0.00	27.04 0.13 0.00	10.80 0.09 0.00	3.57 0.04 0.00	10.87 0.16 0.00	30.26 0.31 0.00	32.41 0.23 0.00	31.07 -0.09 0.00	29.04 -0.43 0.00	30.95 -0.54 0.00	28.42 -0.43 0.00	28.42 -0.51 0.00	28.66 -0.41 0.00	30.32 -0.41 0.00	32.59 -0.34 0.00	36.00 -0.31 0.00	37.52 -0.10 0.00	46.72 0.33 0.00	46.41 0.21 0.00	45.91 0.13 0.00	30.37 0.15 0.00	20.91 0.42 0.00	26.49 0.51 0.00

LITTLRIV_115KV_TB1 356100	27.63 -0.40 0.00	26.86 -0.35 0.00	26.75 -0.17 0.00	10.62 -0.09 0.00	3.48 -0.04 0.00	10.63 -0.07 0.00	30.04 0.09 0.00	32.18 -0.01 0.00	30.96 -0.20 0.00	29.24 -0.23 0.00	31.24 -0.25 0.00	28.56 -0.28 0.00	28.49 -0.44 0.00	28.52 -0.56 0.00	30.61 -0.12 0.00	32.97 0.04 0.00	36.31 -0.01 0.00	37.38 -0.24 0.00	46.19 -0.20 0.00	46.45 0.25 0.00	46.26 0.48 0.00	30.42 0.21 0.00	20.30 -0.19 0.00	25.49 -0.50 0.00
LI_NEWBRDGE___DRP 323616	54.50 2.51 -23.95	46.55 2.44 -16.90	32.88 2.17 -3.79	15.29 0.90 -3.68	25.61 0.31 -21.77	55.34 0.94 -43.70	50.54 2.44 -18.15	34.86 2.67 0.00	33.90 2.73 -0.01	32.02 2.46 -0.09	40.36 2.81 -6.06	40.18 2.70 -8.63	38.42 2.76 -6.73	38.23 2.71 -6.45	38.42 2.75 -4.94	39.38 2.97 -3.48	38.71 3.21 0.81	36.67 3.23 4.18	46.41 3.85 3.83	47.73 3.49 1.96	47.36 3.35 1.77	24.98 2.18 7.42	21.22 1.79 1.06	29.10 2.33 -0.79
LOCKPORT_115KV_TB60_63_64 80432	24.79 -2.04 1.21	25.18 -2.03 0.00	25.02 -1.89 0.00	9.96 -0.75 0.00	3.28 -0.25 0.00	9.86 -0.72 0.12	21.72 -2.02 6.21	19.64 -2.26 10.28	19.01 -2.06 10.10	18.03 -1.99 9.45	20.04 -2.14 9.31	16.50 -2.26 10.09	21.36 -2.02 5.56	18.22 -2.02 8.83	21.34 -1.98 7.41	30.51 -2.42 0.00	33.59 -2.73 0.00	34.29 -3.33 0.00	41.96 -4.43 0.00	42.34 -3.86 0.00	41.92 -3.86 0.00	27.67 -2.54 0.00	18.76 -1.73 0.00	24.59 -1.40 0.00
LOCKPORT___CC1 323769	24.70 -2.03 1.31	25.17 -2.04 0.00	25.01 -1.91 0.00	9.96 -0.76 0.00	3.28 -0.25 0.00	9.84 -0.73 0.13	21.19 -2.04 6.72	18.81 -2.25 11.13	18.20 -2.04 10.93	17.26 -1.99 10.22	19.27 -2.15 10.07	15.70 -2.24 10.91	20.91 -2.01 6.01	17.53 -1.98 9.56	20.74 -1.97 8.02	30.48 -2.45 0.00	33.54 -2.78 0.00	34.27 -3.36 0.00	41.94 -4.45 0.00	42.33 -3.87 0.00	41.90 -3.88 0.00	27.65 -2.56 0.00	18.75 -1.74 0.00	24.59 -1.40 0.00
LOCKPORT___CC2 323770	24.70 -2.03 1.31	25.17 -2.04 0.00	25.01 -1.91 0.00	9.96 -0.76 0.00	3.28 -0.25 0.00	9.84 -0.73 0.13	21.19 -2.04 6.72	18.81 -2.25 11.13	18.20 -2.04 10.93	17.26 -1.99 10.22	19.27 -2.15 10.07	15.70 -2.24 10.91	20.91 -2.01 6.01	17.53 -1.98 9.56	20.74 -1.97 8.02	30.48 -2.45 0.00	33.54 -2.78 0.00	34.27 -3.36 0.00	41.94 -4.45 0.00	42.33 -3.87 0.00	41.90 -3.88 0.00	27.65 -2.56 0.00	18.75 -1.74 0.00	24.59 -1.40 0.00
LOCKPORT___CC3 323771	24.70 -2.03 1.31	25.17 -2.04 0.00	25.01 -1.91 0.00	9.96 -0.76 0.00	3.28 -0.25 0.00	9.84 -0.73 0.13	21.19 -2.04 6.72	18.81 -2.25 11.13	18.20 -2.04 10.93	17.26 -1.99 10.22	19.27 -2.15 10.07	15.70 -2.24 10.91	20.91 -2.01 6.01	17.53 -1.98 9.56	20.74 -1.97 8.02	30.48 -2.45 0.00	33.54 -2.78 0.00	34.27 -3.36 0.00	41.94 -4.45 0.00	42.33 -3.87 0.00	41.90 -3.88 0.00	27.65 -2.56 0.00	18.75 -1.74 0.00	24.59 -1.40 0.00
LOCUSVLY_69_KV_BK2 55797	54.56 2.57 -23.95	45.99 2.49 -16.28	32.54 2.23 -3.40	14.93 0.92 -3.29	23.32 0.32 -19.47	53.49 0.96 -41.83	50.62 2.52 -18.14	34.96 2.78 0.00	34.01 2.83 -0.01	33.75 2.60 -1.68	50.50 2.94 -16.07	54.42 2.81 -22.76	62.70 2.87 -30.90	64.66 2.83 -32.76	70.23 2.88 -36.61	52.43 3.13 -16.36	51.75 3.34 -12.09	50.08 3.40 -9.06	58.35 4.04 -7.92	64.18 3.67 -14.30	60.50 3.54 -11.18	41.45 2.30 -8.94	36.28 1.85 -13.94	41.61 2.39 -13.23
LONG_LAKE_PHOENIX 24014	27.35 -0.68 0.00	26.56 -0.66 0.00	26.23 -0.68 0.00	10.45 -0.27 0.00	3.44 -0.09 0.00	10.44 -0.27 0.00	29.18 -0.78 0.00	31.38 -0.80 0.00	30.42 -0.75 0.00	28.74 -0.74 0.00	30.69 -0.80 0.00	28.04 -0.80 0.00	28.10 -0.84 0.00	28.28 -0.79 0.00	29.90 -0.83 0.00	32.02 -0.91 0.00	35.35 -0.97 0.00	36.63 -0.99 0.00	45.17 -1.22 0.00	45.01 -1.19 0.00	44.58 -1.20 0.00	29.44 -0.77 0.00	20.02 -0.47 0.00	25.50 -0.48 0.00
LOVETT___3 23632	29.77 1.73 0.00	28.90 1.68 0.00	28.36 1.44 0.00	11.33 0.61 0.00	3.75 0.22 0.00	11.34 0.64 0.00	31.60 1.65 0.00	34.06 1.87 0.00	33.06 1.89 0.00	31.26 1.79 0.00	33.46 1.97 0.00	30.78 1.93 0.00	30.90 1.96 0.00	31.00 1.93 0.00	32.69 1.95 0.00	35.06 2.13 0.00	38.67 2.35 0.00	40.09 2.47 0.00	49.22 2.83 0.00	48.66 2.45 0.00	48.12 2.35 0.00	31.79 1.58 0.00	21.78 1.29 0.00	27.68 1.69 0.00
LOVETT___4 23642	29.77 1.73 0.00	28.90 1.68 0.00	28.36 1.44 0.00	11.33 0.61 0.00	3.75 0.22 0.00	11.34 0.64 0.00	31.60 1.65 0.00	34.06 1.87 0.00	33.06 1.89 0.00	31.26 1.79 0.00	33.46 1.97 0.00	30.78 1.93 0.00	30.90 1.96 0.00	31.00 1.93 0.00	32.69 1.95 0.00	35.06 2.13 0.00	38.67 2.35 0.00	40.09 2.47 0.00	49.22 2.83 0.00	48.66 2.45 0.00	48.12 2.35 0.00	31.79 1.58 0.00	21.78 1.29 0.00	27.68 1.69 0.00
LOVETT___5 23593	29.77 1.73 0.00	28.90 1.68 0.00	28.36 1.44 0.00	11.33 0.61 0.00	3.75 0.22 0.00	11.34 0.64 0.00	31.60 1.65 0.00	34.06 1.87 0.00	33.06 1.89 0.00	31.26 1.79 0.00	33.46 1.97 0.00	30.78 1.93 0.00	30.90 1.96 0.00	31.00 1.93 0.00	32.69 1.95 0.00	35.06 2.13 0.00	38.67 2.35 0.00	40.09 2.47 0.00	49.22 2.83 0.00	48.66 2.45 0.00	48.12 2.35 0.00	31.79 1.58 0.00	21.78 1.29 0.00	27.68 1.69 0.00
LOWER RAQUET___HYD 24057	27.07 -0.97 0.00	26.32 -0.89 0.00	26.21 -0.71 0.00	10.41 -0.31 0.00	3.41 -0.12 0.00	10.41 -0.30 0.00	29.41 -0.55 0.00	31.56 -0.62 0.00	30.48 -0.69 0.00	28.82 -0.65 0.00	30.79 -0.70 0.00	28.12 -0.73 0.00	28.12 -0.82 0.00	28.17 -0.91 0.00	30.09 -0.64 0.00	32.33 -0.60 0.00	35.59 -0.72 0.00	36.58 -1.04 0.00	45.19 -1.19 0.00	45.39 -0.82 0.00	45.18 -0.60 0.00	29.73 -0.49 0.00	19.88 -0.62 0.00	24.96 -1.02 0.00
LOWER___HUDSON 24059	29.03 1.00 0.00	28.16 0.94 0.00	27.75 0.83 0.00	11.07 0.35 0.00	3.65 0.12 0.00	11.07 0.37 0.00	30.88 0.93 0.00	33.14 0.96 0.00	31.89 0.73 0.00	30.04 0.57 0.00	32.08 0.59 0.00	29.49 0.65 0.00	29.45 0.52 0.00	29.67 0.60 0.00	31.21 0.48 0.00	33.43 0.50 0.00	37.04 0.72 0.00	38.64 1.02 0.00	47.90 1.52 0.00	47.53 1.33 0.00	46.99 1.21 0.00	31.15 0.94 0.00	21.30 0.81 0.00	27.03 1.05 0.00
LOWVILLE_115KV_TB2 356335	27.22 -0.82 0.00	26.43 -0.78 0.00	26.17 -0.75 0.00	10.42 -0.30 0.00	3.43 -0.10 0.00	10.42 -0.29 0.00	29.39 -0.57 0.00	31.79 -0.39 0.00	30.77 -0.39 0.00	28.88 -0.60 0.00	30.75 -0.74 0.00	27.88 -0.97 0.00	27.62 -1.32 0.00	27.96 -1.11 0.00	29.67 -1.07 0.00	31.77 -1.16 0.00	35.29 -1.03 0.00	36.60 -1.02 0.00	45.16 -1.23 0.00	45.29 -0.92 0.00	44.90 -0.87 0.00	29.78 -0.43 0.00	20.15 -0.34 0.00	25.30 -0.69 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.39 1.35 0.00	28.50 1.29 0.00	28.09 1.18 0.00	11.20 0.48 0.00	3.69 0.17 0.00	11.23 0.52 0.00	31.35 1.39 0.00	33.65 1.47 0.00	32.35 1.19 0.00	30.46 0.99 0.00	32.50 1.01 0.00	29.84 0.99 0.00	29.82 0.88 0.00	30.11 1.04 0.00	31.75 1.02 0.00	34.04 1.11 0.00	37.70 1.38 0.00	39.32 1.70 0.00	48.70 2.32 0.00	48.39 2.19 0.00	47.85 2.08 0.00	31.68 1.46 0.00	21.58 1.09 0.00	27.36 1.38 0.00

LUTHERNY_35_KV_BK2 355980	29.40 1.36 0.00	28.49 1.28 0.00	28.11 1.19 0.00	11.20 0.48 0.00	3.69 0.17 0.00	11.23 0.52 0.00	31.37 1.42 0.00	33.69 1.51 0.00	32.38 1.22 0.00	30.50 1.03 0.00	32.53 1.04 0.00	29.84 0.99 0.00	29.84 0.90 0.00	30.13 1.06 0.00	31.75 1.02 0.00	34.03 1.10 0.00	37.73 1.41 0.00	39.35 1.73 0.00	48.78 2.39 0.00	48.43 2.23 0.00	47.89 2.11 0.00	31.69 1.48 0.00	21.57 1.08 0.00	27.38 1.39 0.00
LWR___OSWEGATCHIE_HYD 23850	26.86 -1.17 0.00	26.11 -1.11 0.00	25.91 -1.01 0.00	10.30 -0.42 0.00	3.38 -0.14 0.00	10.30 -0.40 0.00	29.09 -0.87 0.00	31.33 -0.86 0.00	30.30 -0.86 0.00	28.54 -0.94 0.00	30.43 -1.07 0.00	27.66 -1.18 0.00	27.54 -1.40 0.00	27.76 -1.31 0.00	29.56 -1.17 0.00	31.70 -1.23 0.00	35.08 -1.23 0.00	36.24 -1.38 0.00	44.74 -1.65 0.00	44.93 -1.28 0.00	44.64 -1.14 0.00	29.48 -0.73 0.00	19.82 -0.67 0.00	24.88 -1.11 0.00
LYONS_FALL_HYD 23570	27.71 -0.33 0.00	26.88 -0.33 0.00	26.58 -0.33 0.00	10.59 -0.13 0.00	3.48 -0.04 0.00	10.59 -0.11 0.00	29.79 -0.17 0.00	32.18 0.00 0.00	31.15 -0.02 0.00	29.29 -0.19 0.00	31.24 -0.25 0.00	28.43 -0.42 0.00	28.30 -0.64 0.00	28.58 -0.49 0.00	30.28 -0.46 0.00	32.41 -0.52 0.00	35.91 -0.41 0.00	37.23 -0.39 0.00	45.96 -0.44 0.00	45.96 -0.25 0.00	45.56 -0.22 0.00	30.16 -0.06 0.00	20.43 -0.06 0.00	25.77 -0.22 0.00
MADISON___COUNTY_LFGE 323628	28.44 0.40 0.00	27.58 0.36 0.00	27.24 0.32 0.00	10.85 0.13 0.00	3.57 0.05 0.00	10.87 0.16 0.00	30.46 0.51 0.00	32.95 0.77 0.00	31.89 0.72 0.00	30.05 0.57 0.00	32.11 0.62 0.00	29.31 0.47 0.00	29.37 0.44 0.00	29.59 0.52 0.00	31.26 0.53 0.00	33.41 0.48 0.00	36.86 0.54 0.00	38.25 0.63 0.00	47.18 0.79 0.00	47.12 0.91 0.00	46.70 0.92 0.00	30.84 0.62 0.00	20.93 0.43 0.00	26.55 0.57 0.00
MALONE___115KV_TB1 356076	27.75 -0.29 0.00	27.00 -0.22 0.00	26.88 -0.04 0.00	10.67 -0.04 0.00	3.50 -0.03 0.00	10.68 -0.03 0.00	30.00 0.05 0.00	32.22 0.03 0.00	31.10 -0.06 0.00	29.47 -0.01 0.00	31.50 0.01 0.00	28.77 -0.08 0.00	28.93 -0.01 0.00	28.87 -0.20 0.00	30.80 0.07 0.00	33.07 0.14 0.00	36.42 0.10 0.00	37.50 -0.12 0.00	46.26 -0.13 0.00	46.52 0.32 0.00	46.35 0.58 0.00	30.52 0.31 0.00	20.40 -0.09 0.00	25.66 -0.32 0.00
MAPLEWOD_115KV_TB3 80458	28.94 0.90 0.00	28.06 0.85 0.00	27.65 0.73 0.00	11.03 0.32 0.00	3.63 0.11 0.00	11.04 0.33 0.00	30.76 0.80 0.00	33.03 0.84 0.00	31.84 0.68 0.00	30.03 0.55 0.00	32.05 0.56 0.00	29.50 0.66 0.00	29.48 0.55 0.00	29.70 0.63 0.00	31.29 0.56 0.00	33.50 0.57 0.00	37.04 0.72 0.00	38.55 0.93 0.00	47.67 1.28 0.00	47.30 1.10 0.00	46.80 1.02 0.00	31.01 0.80 0.00	21.25 0.75 0.00	26.95 0.96 0.00
MAPLE_RIDGE_WT_1 323574	27.40 -0.64 0.00	26.65 -0.57 0.00	26.51 -0.41 0.00	10.58 -0.14 0.00	3.48 -0.05 0.00	10.51 -0.20 0.00	29.48 -0.47 0.00	31.78 -0.41 0.00	30.70 -0.46 0.00	29.05 -0.43 0.00	30.94 -0.55 0.00	28.28 -0.56 0.00	28.29 -0.65 0.00	28.53 -0.54 0.00	30.06 -0.67 0.00	32.23 -0.70 0.00	35.56 -0.75 0.00	36.83 -0.79 0.00	45.38 -1.02 0.00	45.30 -0.90 0.00	44.96 -0.82 0.00	29.74 -0.47 0.00	20.13 -0.37 0.00	25.45 -0.54 0.00
MAPLE_RIDGE_WT_2 323611	27.40 -0.64 0.00	26.65 -0.57 0.00	26.51 -0.41 0.00	10.58 -0.14 0.00	3.48 -0.05 0.00	10.51 -0.20 0.00	29.48 -0.47 0.00	31.78 -0.41 0.00	30.70 -0.46 0.00	29.05 -0.43 0.00	30.94 -0.55 0.00	28.28 -0.56 0.00	28.29 -0.65 0.00	28.53 -0.54 0.00	30.06 -0.67 0.00	32.23 -0.70 0.00	35.56 -0.75 0.00	36.83 -0.79 0.00	45.38 -1.02 0.00	45.30 -0.90 0.00	44.96 -0.82 0.00	29.74 -0.47 0.00	20.13 -0.37 0.00	25.45 -0.54 0.00
MARBLE_RIVER_WT_PWR 323696	27.87 -0.17 0.00	27.13 -0.08 0.00	27.01 0.09 0.00	10.73 0.01 0.00	3.52 -0.01 0.00	10.72 0.02 0.00	30.05 0.10 0.00	32.31 0.12 0.00	31.24 0.07 0.00	29.64 0.16 0.00	31.68 0.19 0.00	28.92 0.08 0.00	29.09 0.15 0.00	29.05 -0.03 0.00	30.92 0.19 0.00	33.17 0.24 0.00	36.48 0.16 0.00	37.60 -0.02 0.00	46.30 -0.09 0.00	46.55 0.35 0.00	46.32 0.55 0.00	30.51 0.30 0.00	20.45 -0.04 0.00	25.77 -0.21 0.00
MARSHVLE_115KV_TB1 80742	28.92 0.89 0.00	28.07 0.86 0.00	27.81 0.89 0.00	11.05 0.33 0.00	3.64 0.11 0.00	11.04 0.33 0.00	30.98 1.03 0.00	33.38 1.19 0.00	32.15 0.98 0.00	30.24 0.76 0.00	32.18 0.69 0.00	29.40 0.55 0.00	29.49 0.56 0.00	29.77 0.70 0.00	31.49 0.75 0.00	33.93 1.00 0.00	37.38 1.06 0.00	38.61 0.99 0.00	47.82 1.43 0.00	47.88 1.68 0.00	47.70 1.92 0.00	31.44 1.22 0.00	21.17 0.67 0.00	26.81 0.82 0.00
MARSH_HILL_WT_PWR 323713	31.36 -2.30 -5.62	25.03 -2.19 0.00	24.73 -2.19 0.00	9.85 -0.86 0.00	3.27 -0.26 0.00	10.57 -0.70 -0.57	57.21 -1.73 -28.99	78.04 -1.95 -47.80	76.45 -1.65 -46.94	71.81 -1.52 -43.86	73.02 -1.69 -43.22	74.08 -1.57 -46.81	53.38 -1.47 -25.92	68.70 -1.64 -41.27	63.81 -1.62 -34.69	31.11 -1.82 0.00	34.54 -1.77 0.00	36.03 -1.59 0.00	44.44 -1.94 0.00	44.94 -1.26 0.00	44.54 -1.24 0.00	29.42 -0.79 0.00	20.00 -0.49 0.00	25.88 -0.10 0.00
MCINTYRE_115KV_TB2 80467	27.98 -0.05 0.00	27.21 0.00 0.00	27.10 0.18 0.00	10.76 0.05 0.00	3.53 0.00 0.00	10.77 0.07 0.00	30.43 0.47 0.00	32.52 0.33 0.00	31.25 0.08 0.00	29.53 0.06 0.00	31.56 0.06 0.00	28.89 0.04 0.00	28.80 -0.13 0.00	28.83 -0.24 0.00	30.95 0.22 0.00	33.39 0.45 0.00	36.75 0.44 0.00	37.87 0.25 0.00	46.80 0.41 0.00	47.06 0.86 0.00	46.90 1.12 0.00	30.82 0.60 0.00	20.56 0.06 0.00	25.81 -0.17 0.00
MECO_____69_KV_BK1 80468	29.41 1.37 0.00	28.52 1.30 0.00	28.18 1.27 0.00	11.21 0.49 0.00	3.70 0.17 0.00	11.23 0.52 0.00	31.46 1.51 0.00	33.82 1.64 0.00	32.32 1.16 0.00	30.24 0.76 0.00	32.28 0.79 0.00	29.52 0.68 0.00	29.41 0.48 0.00	29.81 0.74 0.00	31.65 0.91 0.00	34.27 1.33 0.00	37.88 1.56 0.00	39.13 1.51 0.00	48.57 2.18 0.00	48.69 2.48 0.00	48.42 2.64 0.00	31.92 1.71 0.00	21.58 1.08 0.00	27.31 1.32 0.00
MENANDS___115KV_TB5 355628	28.81 0.77 0.00	27.94 0.73 0.00	27.53 0.62 0.00	10.99 0.27 0.00	3.62 0.10 0.00	10.99 0.28 0.00	30.60 0.65 0.00	32.86 0.67 0.00	31.68 0.53 0.00	29.89 0.41 0.00	31.94 0.45 0.00	29.39 0.54 0.00	29.37 0.44 0.00	29.59 0.51 0.00	31.13 0.40 0.00	33.33 0.40 0.00	36.84 0.52 0.00	38.34 0.71 0.00	47.39 1.00 0.00	47.00 0.80 0.00	46.48 0.70 0.00	30.81 0.60 0.00	21.13 0.64 0.00	26.82 0.83 0.00
MG INDUSTRY___DRP 24185	28.77 0.73 0.00	27.91 0.70 0.00	27.53 0.62 0.00	10.98 0.26 0.00	3.62 0.09 0.00	10.98 0.27 0.00	30.60 0.65 0.00	32.82 0.63 0.00	31.61 0.45 0.00	29.82 0.34 0.00	31.82 0.33 0.00	29.14 0.30 0.00	29.18 0.25 0.00	29.44 0.37 0.00	31.04 0.31 0.00	33.27 0.33 0.00	36.71 0.39 0.00	38.12 0.50 0.00	47.21 0.82 0.00	46.94 0.73 0.00	46.47 0.69 0.00	30.77 0.56 0.00	21.07 0.58 0.00	26.75 0.76 0.00

MID___OSWEGATCHIE_HYD 23849	26.86 -1.17 0.00	26.11 -1.11 0.00	25.91 -1.01 0.00	10.30 -0.42 0.00	3.38 -0.14 0.00	10.30 -0.40 0.00	29.09 -0.87 0.00	31.33 -0.86 0.00	30.30 -0.86 0.00	28.54 -0.94 0.00	30.43 -1.07 0.00	27.66 -1.18 0.00	27.54 -1.40 0.00	27.76 -1.31 0.00	29.56 -1.17 0.00	31.70 -1.23 0.00	35.08 -1.23 0.00	36.24 -1.38 0.00	44.74 -1.65 0.00	44.93 -1.28 0.00	44.64 -1.14 0.00	29.48 -0.73 0.00	19.82 -0.67 0.00	24.88 -1.11 0.00
MID___RAQUETTE_HYD 23851	27.07 -0.97 0.00	26.32 -0.89 0.00	26.21 -0.71 0.00	10.41 -0.31 0.00	3.41 -0.12 0.00	10.41 -0.30 0.00	29.41 -0.55 0.00	31.56 -0.62 0.00	30.48 -0.69 0.00	28.83 -0.65 0.00	30.79 -0.70 0.00	28.12 -0.72 0.00	28.12 -0.82 0.00	28.17 -0.90 0.00	30.09 -0.64 0.00	32.34 -0.60 0.00	35.60 -0.72 0.00	36.58 -1.04 0.00	45.19 -1.20 0.00	45.39 -0.81 0.00	45.18 -0.60 0.00	29.73 -0.49 0.00	19.88 -0.62 0.00	24.97 -1.02 0.00
MILLIKEN___1 23584	28.56 0.10 -0.41	27.33 0.11 0.00	26.98 0.07 0.00	10.75 0.03 0.00	3.54 0.02 0.00	10.81 0.06 -0.04	32.29 0.20 -2.14	35.97 0.26 -3.53	34.91 0.27 -3.47	32.91 0.18 -3.26	34.87 0.16 -3.22	32.39 0.07 -3.47	31.02 0.16 -1.93	32.26 0.12 -3.07	33.52 0.19 -2.60	33.05 0.12 0.00	36.43 0.11 0.00	37.84 0.22 0.00	46.74 0.35 0.00	46.65 0.45 0.00	46.23 0.45 0.00	30.51 0.30 0.00	20.71 0.22 0.00	26.43 0.45 0.00
MILLIKEN___2 23585	28.56 0.10 -0.41	27.33 0.11 0.00	26.98 0.07 0.00	10.75 0.03 0.00	3.54 0.02 0.00	10.81 0.06 -0.04	32.29 0.20 -2.14	35.97 0.26 -3.53	34.91 0.27 -3.47	32.91 0.18 -3.26	34.87 0.16 -3.22	32.39 0.07 -3.47	31.02 0.16 -1.93	32.26 0.12 -3.07	33.52 0.19 -2.60	33.05 0.12 0.00	36.43 0.11 0.00	37.84 0.22 0.00	46.74 0.35 0.00	46.65 0.45 0.00	46.23 0.45 0.00	30.51 0.30 0.00	20.71 0.22 0.00	26.43 0.45 0.00
MILLIKEN___DIESEL 23629	28.56 0.10 -0.41	27.33 0.11 0.00	26.98 0.07 0.00	10.75 0.03 0.00	3.54 0.02 0.00	10.81 0.06 -0.04	32.29 0.20 -2.14	35.97 0.26 -3.53	34.91 0.27 -3.47	32.91 0.18 -3.26	34.87 0.16 -3.22	32.39 0.07 -3.47	31.02 0.16 -1.93	32.26 0.12 -3.07	33.52 0.19 -2.60	33.05 0.12 0.00	36.43 0.11 0.00	37.84 0.22 0.00	46.74 0.35 0.00	46.65 0.45 0.00	46.23 0.45 0.00	30.51 0.30 0.00	20.71 0.22 0.00	26.43 0.45 0.00
MILLSEAT___LFGE 323607	25.73 -1.34 0.96	25.82 -1.40 0.00	25.62 -1.29 0.00	10.20 -0.52 0.00	3.36 -0.17 0.00	10.14 -0.47 0.10	23.77 -1.24 4.95	22.64 -1.34 8.21	21.95 -1.15 8.06	20.75 -1.18 7.55	22.67 -1.39 7.44	19.15 -1.63 8.06	23.11 -1.39 4.43	20.64 -1.39 7.04	23.50 -1.32 5.91	31.23 -1.70 0.00	34.46 -1.86 0.00	35.32 -2.30 0.00	43.33 -3.06 0.00	43.69 -2.52 0.00	43.25 -2.53 0.00	28.54 -1.67 0.00	19.32 -1.18 0.00	25.20 -0.79 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.86 1.83 0.00	28.99 1.78 0.00	28.46 1.54 0.00	11.37 0.65 0.00	3.75 0.23 0.00	11.38 0.67 0.00	31.68 1.73 0.00	34.14 1.96 0.00	33.15 1.99 0.00	31.36 1.89 0.00	33.56 2.07 0.00	30.87 2.02 0.00	30.99 2.05 0.00	31.09 2.02 0.00	32.76 2.03 0.00	35.14 2.22 0.00	38.76 2.44 0.00	40.19 2.57 0.00	49.34 2.95 0.00	48.77 2.57 0.00	48.25 2.47 0.00	31.86 1.65 0.00	21.84 1.34 0.00	27.75 1.76 0.00
MILLWOOD_13_KV_LOAD 356217	29.90 1.86 0.00	29.03 1.81 0.00	28.49 1.58 0.00	11.38 0.66 0.00	3.76 0.23 0.00	11.39 0.69 0.00	31.72 1.77 0.00	34.19 2.01 0.00	33.21 2.04 0.00	31.40 1.93 0.00	33.61 2.11 0.00	30.91 2.06 0.00	31.04 2.11 0.00	31.13 2.06 0.00	32.80 2.07 0.00	35.20 2.27 0.00	38.82 2.50 0.00	40.25 2.63 0.00	49.42 3.03 0.00	48.85 2.65 0.00	48.33 2.55 0.00	31.91 1.70 0.00	21.87 1.37 0.00	27.78 1.80 0.00
MODEL_CITY_ENERGY 24167	24.58 -2.20 1.26	24.93 -2.28 0.00	24.77 -2.15 0.00	9.86 -0.86 0.00	3.25 -0.27 0.00	9.78 -0.80 0.13	21.29 -2.21 6.45	19.05 -2.46 10.68	18.42 -2.25 10.49	17.49 -2.18 9.81	19.48 -2.33 9.67	15.98 -2.40 10.47	20.98 -2.18 5.78	17.75 -2.14 9.18	20.86 -2.15 7.72	30.22 -2.71 0.00	33.27 -3.05 0.00	33.90 -3.73 0.00	41.42 -4.97 0.00	41.80 -4.40 0.00	41.38 -4.40 0.00	27.32 -2.89 0.00	18.54 -1.96 0.00	24.32 -1.67 0.00
MODERN_LFGE___ 323580	24.58 -2.20 1.26	24.93 -2.28 0.00	24.77 -2.15 0.00	9.86 -0.86 0.00	3.25 -0.27 0.00	9.78 -0.80 0.13	21.29 -2.21 6.45	19.05 -2.46 10.68	18.42 -2.25 10.49	17.49 -2.18 9.81	19.48 -2.33 9.67	15.98 -2.40 10.47	20.98 -2.18 5.78	17.75 -2.14 9.18	20.86 -2.15 7.72	30.22 -2.71 0.00	33.27 -3.05 0.00	33.90 -3.73 0.00	41.42 -4.97 0.00	41.80 -4.40 0.00	41.38 -4.40 0.00	27.32 -2.89 0.00	18.54 -1.96 0.00	24.32 -1.67 0.00
MOHAWK_PAPER___DRP 24187	28.94 0.90 0.00	28.06 0.85 0.00	27.65 0.73 0.00	11.03 0.32 0.00	3.63 0.11 0.00	11.04 0.33 0.00	30.76 0.80 0.00	33.03 0.84 0.00	31.84 0.68 0.00	30.03 0.55 0.00	32.05 0.56 0.00	29.50 0.66 0.00	29.48 0.55 0.00	29.70 0.63 0.00	31.29 0.56 0.00	33.50 0.57 0.00	37.04 0.72 0.00	38.55 0.93 0.00	47.67 1.28 0.00	47.30 1.10 0.00	46.80 1.02 0.00	31.01 0.80 0.00	21.25 0.75 0.00	26.95 0.96 0.00
MOHICAN__35_KV_115KV_LD 80490	29.69 1.66 0.00	28.74 1.53 0.00	28.31 1.39 0.00	11.29 0.58 0.00	3.72 0.20 0.00	11.34 0.64 0.00	31.74 1.79 0.00	34.07 1.89 0.00	32.63 1.47 0.00	30.62 1.14 0.00	32.71 1.21 0.00	29.94 1.09 0.00	29.93 1.00 0.00	30.31 1.24 0.00	31.98 1.25 0.00	34.41 1.48 0.00	38.11 1.79 0.00	39.96 2.34 0.00	49.43 3.05 0.00	49.21 3.01 0.00	48.63 2.85 0.00	32.17 1.96 0.00	21.83 1.34 0.00	27.56 1.57 0.00
MONGAUP___HYD 23641	29.60 1.56 0.00	28.69 1.48 0.00	28.17 1.25 0.00	11.24 0.52 0.00	3.71 0.18 0.00	11.21 0.50 0.00	31.01 1.05 0.00	33.45 1.27 0.00	32.42 1.25 0.00	30.63 1.16 0.00	33.27 1.78 0.00	30.50 1.65 0.00	30.65 1.71 0.00	30.67 1.60 0.00	32.14 1.41 0.00	34.29 1.36 0.00	37.94 1.63 0.00	39.44 1.82 0.00	48.50 2.11 0.00	48.01 1.80 0.00	47.55 1.78 0.00	31.40 1.19 0.00	21.63 1.14 0.00	27.55 1.56 0.00
MONTAUK___DIESEL 23721	55.58 3.60 -23.95	47.49 3.44 -16.84	33.75 3.08 -3.75	15.51 1.16 -3.64	25.47 0.43 -21.52	55.56 1.36 -43.50	51.94 3.84 -18.14	36.38 4.20 0.00	35.61 4.41 -0.03	33.77 3.90 -0.40	43.84 4.29 -8.06	44.24 3.93 -11.47	44.41 4.12 -11.35	44.56 4.04 -11.45	45.57 4.12 -10.72	52.48 4.35 -15.20	42.61 4.71 -1.59	44.91 4.73 -2.56	52.07 5.57 -0.12	52.09 4.79 -1.09	50.92 4.47 -0.67	28.52 2.37 4.06	24.48 1.94 -2.05	31.73 2.37 -3.37
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.97 -1.83 1.23	25.23 -1.98 0.00	25.25 -1.67 0.00	10.19 -0.53 0.00	3.32 -0.20 0.00	9.97 -0.61 0.12	22.07 -1.55 6.32	19.87 -1.88 10.44	19.41 -1.50 10.25	18.43 -1.44 9.61	20.60 -1.48 9.42	17.11 -1.48 10.25	22.17 -1.14 5.62	19.05 -1.05 8.97	22.57 -0.72 7.44	32.06 -0.87 0.00	35.26 -1.06 0.00	36.18 -1.44 0.00	44.34 -2.05 0.00	44.59 -1.61 0.00	44.10 -1.68 0.00	29.00 -1.22 0.00	19.62 -0.87 0.00	25.37 -0.62 0.00

MORRIS_RIDGE___SOLAR 323848	18.06 -1.91 8.07	25.36 -1.85 0.00	25.12 -1.80 0.00	10.02 -0.70 0.00	3.30 -0.23 0.00	9.26 -0.63 0.81	-13.18 -1.64 41.50	-38.14 -1.79 68.54	-37.73 -1.60 67.30	-34.97 -1.53 62.91	-32.11 -1.68 61.92	-39.98 -1.69 67.14	-9.81 -1.67 37.07	-31.69 -1.73 59.03	-20.48 -1.74 49.47	31.01 -1.92 0.00	34.30 -2.02 0.00	35.56 -2.06 0.00	43.82 -2.57 0.00	44.19 -2.01 0.00	43.76 -2.02 0.00	28.88 -1.33 0.00	19.64 -0.86 0.00	25.49 -0.50 0.00
MORTIMER_115KV_TB3 55949	26.89 -1.15 0.00	26.15 -1.07 0.00	25.91 -1.01 0.00	10.31 -0.41 0.00	3.39 -0.14 0.00	10.30 -0.41 0.00	28.78 -1.18 0.00	30.88 -1.30 0.00	30.01 -1.16 0.00	28.35 -1.12 0.00	30.27 -1.23 0.00	27.52 -1.33 0.00	27.76 -1.18 0.00	27.92 -1.15 0.00	29.63 -1.10 0.00	31.64 -1.29 0.00	34.87 -1.45 0.00	35.93 -1.69 0.00	44.16 -2.23 0.00	44.30 -1.90 0.00	43.87 -1.91 0.00	28.93 -1.29 0.00	19.59 -0.90 0.00	25.31 -0.67 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.10 2.07 0.00	29.22 2.00 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.93 1.98 0.00	34.44 2.25 0.00	33.47 2.31 0.00	31.68 2.20 0.00	33.89 2.40 0.00	31.16 2.32 0.00	31.29 2.36 0.00	31.40 2.33 0.00	33.07 2.34 0.00	35.47 2.54 0.00	39.09 2.78 0.00	40.51 2.90 0.00	49.71 3.32 0.00	49.11 2.91 0.00	48.58 2.80 0.00	32.10 1.88 0.00	21.99 1.50 0.00	27.97 1.98 0.00
MUNSVILLE_WIND_PWR 323609	28.73 0.40 -0.29	27.78 0.57 0.00	27.45 0.53 0.00	10.92 0.20 0.00	3.60 0.07 0.00	11.06 0.32 -0.03	32.67 1.19 -1.52	35.82 1.13 -2.51	34.52 0.89 -2.47	32.33 0.55 -2.31	34.22 0.45 -2.28	31.62 0.31 -2.46	31.01 0.71 -1.37	32.20 0.95 -2.17	33.61 1.03 -1.84	33.75 0.81 0.00	37.06 0.74 0.00	38.86 1.24 0.00	48.33 1.94 0.00	48.60 2.40 0.00	48.22 2.44 0.00	31.79 1.58 0.00	21.50 1.01 0.00	27.54 1.55 0.00
N SALMON___HYD 24042	27.74 -0.30 0.00	27.00 -0.22 0.00	26.88 -0.04 0.00	10.67 -0.04 0.00	3.50 -0.03 0.00	10.68 -0.03 0.00	30.00 0.05 0.00	32.22 0.03 0.00	31.10 -0.06 0.00	29.47 -0.01 0.00	31.50 0.01 0.00	28.77 -0.08 0.00	28.93 -0.01 0.00	28.87 -0.20 0.00	30.80 0.07 0.00	33.07 0.14 0.00	36.42 0.11 0.00	37.50 -0.12 0.00	46.26 -0.13 0.00	46.52 0.32 0.00	46.35 0.58 0.00	30.52 0.31 0.00	20.40 -0.09 0.00	25.66 -0.32 0.00
N.AKRON__115KV_KNAPP 355671	25.53 -1.46 1.04	25.75 -1.47 0.00	25.56 -1.36 0.00	10.17 -0.54 0.00	3.35 -0.18 0.00	10.10 -0.50 0.10	23.25 -1.36 5.35	21.83 -1.50 8.86	21.15 -1.31 8.70	20.01 -1.33 8.14	21.98 -1.49 8.02	18.41 -1.74 8.69	22.66 -1.49 4.79	19.97 -1.50 7.60	22.95 -1.40 6.38	31.17 -1.76 0.00	34.38 -1.94 0.00	35.21 -2.41 0.00	43.16 -3.23 0.00	43.53 -2.67 0.00	43.10 -2.68 0.00	28.43 -1.78 0.00	19.25 -1.24 0.00	25.13 -0.86 0.00
N.E_GEN_SANDY PD 24062	29.16 1.11 -0.02	28.44 1.06 -0.16	27.86 0.94 0.00	12.41 0.41 -1.29	8.69 0.14 -5.02	17.36 0.42 -6.24	32.82 1.04 -1.83	34.91 1.04 -1.69	31.92 0.76 0.00	30.04 0.56 0.00	32.11 0.62 0.00	29.55 0.71 0.00	29.46 0.53 0.00	29.62 0.54 0.00	31.09 0.36 0.00	33.30 0.36 0.00	36.45 0.60 0.47	38.62 1.00 0.00	49.75 1.59 -1.77	47.56 1.35 0.00	46.99 1.21 0.00	32.90 0.99 -1.70	24.12 0.88 -2.74	29.71 1.16 -2.57
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.82 1.79 0.00	28.94 1.73 0.00	28.40 1.48 0.00	11.35 0.63 0.00	3.75 0.22 0.00	11.36 0.66 0.00	31.65 1.70 0.00	34.11 1.93 0.00	33.10 1.94 0.00	31.32 1.85 0.00	33.52 2.03 0.00	30.83 1.99 0.00	30.96 2.03 0.00	31.07 2.00 0.00	32.75 2.02 0.00	35.15 2.22 0.00	38.77 2.45 0.00	40.19 2.57 0.00	49.33 2.94 0.00	48.79 2.58 0.00	48.24 2.47 0.00	31.86 1.65 0.00	21.83 1.33 0.00	27.73 1.74 0.00
N.QUEENS_27_KV_LOAD 356247	30.22 2.19 0.00	29.30 2.08 0.00	28.68 1.76 0.00	11.47 0.75 0.00	3.79 0.26 0.00	11.49 0.78 -0.01	31.97 2.01 0.00	34.50 2.32 0.00	33.54 2.38 0.00	31.71 2.23 0.00	33.98 2.49 0.00	31.28 2.43 0.00	31.36 2.42 0.00	31.48 2.40 0.00	33.13 2.40 0.00	35.54 2.61 0.00	39.06 2.74 0.00	40.50 2.87 0.00	49.69 3.30 0.00	48.99 2.78 0.00	48.52 2.75 0.00	32.09 1.88 0.00	21.95 1.46 0.00	27.88 1.90 0.00
N.TROY___115KV_TB1 355778	29.03 1.00 0.00	28.16 0.94 0.00	27.75 0.83 0.00	11.07 0.35 0.00	3.65 0.12 0.00	11.08 0.37 0.00	30.89 0.93 0.00	33.15 0.97 0.00	31.89 0.73 0.00	30.05 0.57 0.00	32.09 0.59 0.00	29.50 0.66 0.00	29.46 0.52 0.00	29.68 0.61 0.00	31.21 0.48 0.00	33.43 0.50 0.00	37.04 0.72 0.00	38.64 1.03 0.00	47.91 1.52 0.00	47.53 1.33 0.00	46.99 1.22 0.00	31.15 0.94 0.00	21.30 0.81 0.00	27.03 1.04 0.00
NARROWS_GT1_1 24228	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NARROWS_GT1_2 24229	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NARROWS_GT1_3 24230	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NARROWS_GT1_4 24231	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NARROWS_GT1_5 24232	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00

NARROWS_GT1_6 24233	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NARROWS_GT1_7 24234	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NARROWS_GT1_8 24235	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NARROWS_GT2_1 24236	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NARROWS_GT2_2 24237	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NARROWS_GT2_3 24238	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NARROWS_GT2_4 24239	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NARROWS_GT2_5 24240	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NARROWS_GT2_6 24241	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NARROWS_GT2_7 24242	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NARROWS_GT2_8 24243	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.38 1.35 0.00	28.46 1.25 0.00	28.05 1.13 0.00	11.19 0.47 0.00	3.69 0.16 0.00	11.21 0.50 0.00	31.32 1.37 0.00	33.67 1.48 0.00	32.46 1.30 0.00	30.61 1.13 0.00	32.54 1.05 0.00	29.74 0.90 0.00	29.74 0.81 0.00	30.14 1.07 0.00	31.86 1.12 0.00	34.16 1.23 0.00	37.58 1.26 0.00	38.98 1.36 0.00	48.48 2.09 0.00	48.27 2.07 0.00	47.86 2.09 0.00	31.64 1.42 0.00	21.61 1.12 0.00	27.38 1.39 0.00
NCHELSEA_115KV_TR2 355582	29.96 1.93 0.00	29.07 1.86 0.00	28.55 1.63 0.00	11.40 0.68 0.00	3.76 0.23 0.00	11.41 0.71 0.00	31.80 1.85 0.00	34.28 2.09 0.00	33.28 2.12 0.00	31.46 1.99 0.00	33.67 2.18 0.00	30.96 2.12 0.00	31.11 2.18 0.00	31.22 2.15 0.00	32.88 2.14 0.00	35.26 2.33 0.00	38.92 2.60 0.00	40.36 2.74 0.00	49.60 3.21 0.00	49.08 2.88 0.00	48.56 2.78 0.00	32.06 1.84 0.00	21.95 1.46 0.00	27.86 1.87 0.00
NEG CAPITAL___MECHNVIL 23645	29.43 1.39 0.00	28.53 1.32 0.00	28.12 1.20 0.00	11.21 0.50 0.00	3.70 0.17 0.00	11.23 0.53 0.00	31.37 1.41 0.00	33.68 1.50 0.00	32.38 1.22 0.00	30.50 1.02 0.00	32.55 1.06 0.00	29.90 1.05 0.00	29.87 0.93 0.00	30.15 1.08 0.00	31.78 1.05 0.00	34.07 1.14 0.00	37.75 1.43 0.00	39.38 1.76 0.00	48.80 2.41 0.00	48.46 2.26 0.00	47.92 2.15 0.00	31.71 1.49 0.00	21.61 1.12 0.00	27.40 1.41 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.60 -1.44 0.00	25.85 -1.36 0.00	25.59 -1.32 0.00	10.19 -0.52 0.00	3.35 -0.17 0.00	10.19 -0.51 0.00	28.50 -1.46 0.00	30.63 -1.55 0.00	29.74 -1.42 0.00	28.10 -1.37 0.00	30.01 -1.48 0.00	27.34 -1.50 0.00	27.52 -1.41 0.00	27.69 -1.39 0.00	29.34 -1.39 0.01	31.32 -1.61 0.00	34.52 -1.79 0.00	35.64 -1.98 0.00	43.83 -2.56 0.00	43.91 -2.30 0.00	43.45 -2.33 0.00	28.65 -1.56 0.00	19.39 -1.10 0.00	24.98 -1.01 0.00

NEG CENTRAL___DRP 24199	28.01 -0.56 -0.53	26.69 -0.52 0.00	26.38 -0.54 0.00	10.51 -0.21 0.00	3.46 -0.06 0.00	10.58 -0.18 -0.05	32.22 -0.49 -2.75	36.17 -0.56 -4.54	35.16 -0.48 -4.48	33.25 -0.43 -4.20	35.11 -0.52 -4.14	32.73 -0.60 -4.48	30.93 -0.48 -2.48	32.50 -0.51 -3.94	33.52 -0.53 -3.32	32.37 -0.56 0.00	35.70 -0.62 0.00	36.99 -0.63 0.00	45.58 -0.81 0.00	45.48 -0.73 0.00	45.03 -0.75 0.00	29.77 -0.44 0.00	20.21 -0.28 0.00	25.87 -0.11 0.00
NEG CENTRAL___INDECK 23768	32.98 -0.84 -5.78	26.40 -0.82 0.00	26.15 -0.77 0.00	10.41 -0.31 0.00	3.44 -0.10 0.00	11.07 -0.22 -0.58	59.29 -0.45 -29.79	80.84 -0.47 -49.12	79.03 -0.36 -48.24	74.13 -0.41 -45.06	75.26 -0.62 -44.39	76.21 -0.73 -48.10	54.81 -0.75 -26.62	70.72 -0.74 -42.39	65.61 -0.73 -35.60	32.02 -0.92 0.00	35.47 -0.85 0.00	36.73 -0.89 0.00	45.26 -1.13 0.00	45.85 -0.35 0.00	45.50 -0.28 0.00	30.02 -0.19 0.00	20.29 -0.20 0.00	26.23 0.24 0.00
NEG CENTRAL___SENECA 23627	28.25 -0.64 -0.85	26.61 -0.60 0.00	26.30 -0.62 0.00	10.48 -0.24 0.00	3.46 -0.07 0.00	10.59 -0.20 -0.09	33.88 -0.48 -4.40	38.83 -0.59 -7.24	37.78 -0.50 -7.12	35.72 -0.42 -6.66	37.54 -0.53 -6.57	35.31 -0.64 -7.11	32.41 -0.47 -3.94	34.86 -0.49 -6.28	35.48 -0.55 -5.29	32.37 -0.56 0.00	35.71 -0.61 0.00	36.99 -0.64 0.00	45.54 -0.85 0.00	45.53 -0.67 0.00	45.03 -0.75 0.00	29.80 -0.41 0.00	20.22 -0.28 0.00	25.94 -0.05 0.00
NEG CENTRAL___STATE_STREET 24147	27.83 -0.21 0.00	27.03 -0.19 0.00	26.71 -0.21 0.00	10.64 -0.08 0.00	3.51 -0.02 0.00	10.64 -0.06 0.00	29.72 -0.23 0.00	32.00 -0.19 0.00	31.00 -0.16 0.00	29.33 -0.15 0.00	31.27 -0.22 0.00	28.55 -0.29 0.00	28.70 -0.23 0.00	28.74 -0.33 0.00	30.49 -0.24 0.00	32.64 -0.29 0.00	36.00 -0.31 0.00	37.37 -0.25 0.00	46.10 -0.29 0.00	45.82 -0.39 0.00	45.49 -0.29 0.00	30.04 -0.17 0.00	20.39 -0.10 0.00	26.06 0.07 0.00
NEG MILLWOOD___DRP 24198	30.01 1.97 0.00	29.12 1.91 0.00	28.59 1.68 0.00	11.42 0.70 0.00	3.77 0.24 0.00	11.44 0.73 0.00	31.86 1.91 0.00	34.37 2.18 0.00	33.36 2.20 0.00	31.55 2.08 0.00	33.76 2.27 0.00	31.04 2.20 0.00	31.19 2.25 0.00	31.29 2.22 0.00	32.96 2.23 0.00	35.34 2.41 0.00	38.99 2.68 0.00	40.45 2.83 0.00	49.70 3.31 0.00	49.14 2.94 0.00	48.61 2.83 0.00	32.10 1.88 0.00	21.98 1.48 0.00	27.90 1.91 0.00
NEG NORTH_FLCN_SEA 23793	28.11 0.08 0.00	27.32 0.11 0.00	27.20 0.28 0.00	10.82 0.10 0.00	3.55 0.03 0.00	10.83 0.13 0.00	30.30 0.35 0.00	32.59 0.40 0.00	31.47 0.30 0.00	29.88 0.40 0.00	31.94 0.45 0.00	29.10 0.26 0.00	29.33 0.39 0.00	29.20 0.13 0.00	31.18 0.45 0.00	33.46 0.53 0.00	36.76 0.45 0.00	37.96 0.34 0.00	46.74 0.35 0.00	47.03 0.82 0.00	46.75 0.98 0.00	30.79 0.58 0.00	20.63 0.14 0.00	25.98 -0.01 0.00
NEG NORTH_KES_CHATEGAY 23792	27.87 -0.17 0.00	27.14 -0.08 0.00	27.01 0.10 0.00	10.73 0.02 0.00	3.52 -0.01 0.00	10.72 0.02 0.00	30.06 0.11 0.00	32.25 0.07 0.00	31.19 0.03 0.00	29.59 0.11 0.00	31.63 0.14 0.00	28.88 0.04 0.00	29.05 0.11 0.00	29.02 -0.05 0.00	30.89 0.16 0.00	33.14 0.21 0.00	36.45 0.13 0.00	37.59 -0.03 0.00	46.30 -0.09 0.00	46.59 0.38 0.00	46.38 0.60 0.00	30.57 0.35 0.00	20.45 -0.04 0.00	25.78 -0.21 0.00
NEG NORTH___ALICE_FALLS 23915	28.08 0.04 0.00	27.29 0.08 0.00	27.17 0.26 0.00	10.80 0.09 0.00	3.55 0.02 0.00	10.82 0.11 0.00	30.28 0.33 0.00	32.55 0.36 0.00	31.40 0.24 0.00	29.81 0.33 0.00	31.86 0.37 0.00	29.05 0.20 0.00	29.26 0.32 0.00	29.14 0.07 0.00	31.10 0.37 0.00	33.40 0.47 0.00	36.70 0.38 0.00	37.92 0.30 0.00	46.70 0.31 0.00	47.03 0.83 0.00	46.84 1.06 0.00	30.82 0.61 0.00	20.63 0.14 0.00	25.97 -0.01 0.00
NEG NORTH___LWR_SARANAC 23913	28.08 0.04 0.00	27.29 0.08 0.00	27.17 0.26 0.00	10.80 0.09 0.00	3.55 0.02 0.00	10.82 0.11 0.00	30.28 0.33 0.00	32.55 0.36 0.00	31.40 0.24 0.00	29.81 0.33 0.00	31.86 0.37 0.00	29.05 0.20 0.00	29.26 0.32 0.00	29.14 0.07 0.00	31.10 0.37 0.00	33.40 0.47 0.00	36.70 0.38 0.00	37.92 0.30 0.00	46.70 0.31 0.00	47.03 0.83 0.00	46.84 1.06 0.00	30.82 0.61 0.00	20.63 0.14 0.00	25.97 -0.01 0.00
NEG NORTH___PLATTSBURG 23628	28.08 0.04 0.00	27.29 0.08 0.00	27.17 0.26 0.00	10.80 0.09 0.00	3.55 0.02 0.00	10.82 0.11 0.00	30.28 0.33 0.00	32.55 0.36 0.00	31.40 0.24 0.00	29.81 0.33 0.00	31.86 0.37 0.00	29.05 0.20 0.00	29.26 0.32 0.00	29.14 0.07 0.00	31.10 0.37 0.00	33.39 0.46 0.00	36.70 0.38 0.00	37.93 0.30 0.00	46.70 0.31 0.00	47.03 0.83 0.00	46.84 1.06 0.00	30.82 0.61 0.00	20.63 0.14 0.00	25.98 -0.01 0.00
NEG WEST_LEA_LOCKPORT 23791	24.65 -2.07 1.31	25.17 -2.04 0.00	25.02 -1.90 0.00	9.96 -0.76 0.00	3.28 -0.25 0.00	9.84 -0.73 0.13	21.15 -2.08 6.72	18.73 -2.33 11.13	18.13 -2.11 10.93	17.21 -2.05 10.22	19.22 -2.20 10.07	15.63 -2.31 10.91	20.85 -2.07 6.01	17.46 -2.06 9.56	20.69 -2.03 8.02	30.47 -2.46 0.00	33.55 -2.77 0.00	34.27 -3.36 0.00	41.93 -4.46 0.00	42.33 -3.87 0.00	41.90 -3.88 0.00	27.66 -2.55 0.00	18.75 -1.74 0.00	24.59 -1.40 0.00
NEG WEST___LANCASTR 23811	25.37 -1.33 1.34	25.92 -1.29 0.00	25.72 -1.20 0.00	10.24 -0.48 0.00	3.36 -0.16 0.00	10.09 -0.48 0.14	21.86 -1.23 6.86	19.49 -1.37 11.33	18.86 -1.18 11.12	17.90 -1.16 10.42	20.04 -1.22 10.23	16.27 -1.45 11.13	21.61 -1.21 6.11	18.09 -1.23 9.74	21.47 -1.16 8.11	31.39 -1.54 0.00	34.52 -1.80 0.00	35.48 -2.14 0.00	43.52 -2.86 0.00	43.84 -2.36 0.00	43.36 -2.42 0.00	28.60 -1.61 0.00	19.41 -1.09 0.00	25.31 -0.67 0.00
NEG_PENN_ALLEGHNY 23528	28.03 -0.01 0.00	27.23 0.02 0.00	26.86 -0.06 0.00	10.70 -0.02 0.00	3.53 0.00 0.00	10.70 0.00 0.00	29.98 0.03 0.00	32.22 0.03 0.00	31.23 0.06 0.00	29.51 0.03 0.00	31.56 0.06 -0.01	28.78 -0.07 0.00	28.97 0.04 0.00	29.07 -0.01 0.00	30.77 0.02 -0.02	32.88 -0.05 0.00	36.24 -0.08 0.00	37.53 -0.09 0.00	46.25 -0.13 0.00	46.15 -0.05 0.00	45.61 -0.16 0.00	30.12 -0.09 0.00	20.51 0.02 0.00	26.23 0.24 0.00
NEG___GEN_MONROE 24207	27.02 -1.02 0.00	26.26 -0.96 0.00	26.02 -0.90 0.00	10.36 -0.36 0.00	3.41 -0.12 0.00	10.37 -0.34 0.00	29.00 -0.98 -0.02	31.13 -1.09 -0.04	30.25 -0.95 -0.03	28.56 -0.95 -0.03	30.44 -1.08 -0.03	27.63 -1.25 -0.04	27.85 -1.10 -0.02	28.00 -1.10 -0.03	29.75 -1.00 -0.02	31.74 -1.19 0.00	35.01 -1.30 0.00	36.03 -1.59 0.00	44.32 -2.07 0.00	44.54 -1.67 0.00	44.09 -1.68 0.00	29.08 -1.13 0.00	19.68 -0.81 0.00	25.45 -0.54 0.00
NEPA___ENERGY 23901	25.33 -1.22 1.49	26.03 -1.18 0.00	25.80 -1.12 0.00	10.31 -0.41 0.00	3.39 -0.13 0.00	10.13 -0.42 0.15	21.24 -1.08 7.64	18.32 -1.25 12.61	17.75 -1.04 12.38	16.82 -1.05 11.61	19.03 -1.08 11.38	15.12 -1.34 12.39	21.13 -1.00 6.80	17.16 -1.06 10.85	20.80 -0.91 9.02	31.81 -1.12 0.00	35.02 -1.30 0.00	35.93 -1.69 0.00	44.07 -2.32 0.00	44.32 -1.88 0.00	43.77 -2.01 0.00	28.85 -1.36 0.00	19.61 -0.88 0.00	25.50 -0.48 0.00

NEVERSINK___HYD 23608	29.99 1.96 0.00	29.26 2.04 0.00	28.75 1.83 0.00	11.48 0.76 0.00	3.79 0.26 0.00	11.50 0.80 0.00	32.10 2.14 0.00	34.61 2.42 0.00	33.61 2.45 0.00	31.77 2.29 0.00	34.07 2.58 0.00	31.33 2.48 0.00	31.49 2.55 0.00	31.56 2.49 0.00	33.25 2.52 0.00	35.63 2.69 0.00	39.33 3.02 0.00	40.84 3.22 0.00	50.22 3.83 0.00	49.70 3.50 0.00	49.15 3.38 0.00	32.39 2.18 0.00	22.13 1.63 0.00	28.09 2.10 0.00
NEWKRMKL_115KV_TB1 55635	28.69 0.66 0.00	27.83 0.62 0.00	27.43 0.51 0.00	10.94 0.22 0.00	3.61 0.08 0.00	10.94 0.24 0.00	30.50 0.54 0.00	32.75 0.57 0.00	31.60 0.44 0.00	29.82 0.34 0.00	31.86 0.37 0.00	29.30 0.46 0.00	29.29 0.36 0.00	29.53 0.46 0.00	31.10 0.37 0.00	33.28 0.34 0.00	36.77 0.45 0.00	38.23 0.61 0.00	47.21 0.82 0.00	46.84 0.63 0.00	46.33 0.55 0.00	30.69 0.48 0.00	21.05 0.56 0.00	26.72 0.73 0.00
NEWTON___FALLS_HYD 23847	26.86 -1.17 0.00	26.11 -1.11 0.00	25.91 -1.01 0.00	10.30 -0.42 0.00	3.38 -0.14 0.00	10.30 -0.40 0.00	29.09 -0.87 0.00	31.33 -0.86 0.00	30.30 -0.86 0.00	28.54 -0.94 0.00	30.43 -1.07 0.00	27.66 -1.18 0.00	27.54 -1.40 0.00	27.76 -1.31 0.00	29.56 -1.17 0.00	31.70 -1.23 0.00	35.08 -1.23 0.00	36.24 -1.38 0.00	44.74 -1.65 0.00	44.93 -1.28 0.00	44.64 -1.14 0.00	29.48 -0.73 0.00	19.82 -0.67 0.00	24.88 -1.11 0.00
NGRID_A1_DSASP 323792	24.30 -2.40 1.34	24.98 -2.23 0.00	24.85 -2.07 0.00	9.89 -0.83 0.00	3.24 -0.29 0.00	9.70 -0.87 0.13	20.56 -2.51 6.88	18.07 -2.76 11.36	17.49 -2.52 11.15	16.57 -2.44 10.47	18.65 -2.61 10.24	15.05 -2.62 11.17	20.43 -2.39 6.12	16.93 -2.37 9.76	20.27 -2.39 8.07	30.08 -2.86 0.00	33.03 -3.29 0.00	33.65 -3.97 0.00	41.17 -5.22 0.00	41.62 -4.59 0.00	41.20 -4.58 0.00	27.18 -3.03 0.00	18.43 -2.06 0.00	24.23 -1.76 0.00
NGRID_A2_DSASP 323793	24.30 -2.40 1.34	24.98 -2.23 0.00	24.85 -2.07 0.00	9.89 -0.83 0.00	3.24 -0.29 0.00	9.70 -0.87 0.13	20.56 -2.51 6.88	18.07 -2.76 11.36	17.49 -2.52 11.15	16.57 -2.44 10.47	18.65 -2.61 10.24	15.05 -2.62 11.17	20.43 -2.39 6.12	16.93 -2.37 9.76	20.27 -2.39 8.07	30.08 -2.86 0.00	33.03 -3.29 0.00	33.65 -3.97 0.00	41.17 -5.22 0.00	41.62 -4.59 0.00	41.20 -4.58 0.00	27.18 -3.03 0.00	18.43 -2.06 0.00	24.23 -1.76 0.00
NGRID_A4_DSASP 323807	24.30 -2.40 1.34	24.98 -2.23 0.00	24.85 -2.07 0.00	9.89 -0.83 0.00	3.24 -0.29 0.00	9.70 -0.87 0.13	20.56 -2.51 6.88	18.07 -2.76 11.36	17.49 -2.52 11.15	16.57 -2.44 10.47	18.65 -2.61 10.24	15.05 -2.62 11.17	20.43 -2.39 6.12	16.93 -2.37 9.76	20.27 -2.39 8.07	30.08 -2.86 0.00	33.03 -3.29 0.00	33.65 -3.97 0.00	41.17 -5.22 0.00	41.62 -4.59 0.00	41.20 -4.58 0.00	27.18 -3.03 0.00	18.43 -2.06 0.00	24.23 -1.76 0.00
NIAGARA_115E_LBMP 323715	24.45 -2.31 1.28	24.80 -2.42 0.00	24.64 -2.28 0.00	9.81 -0.91 0.00	3.24 -0.29 0.00	9.73 -0.84 0.13	21.06 -2.33 6.56	18.71 -2.60 10.87	18.10 -2.39 10.68	17.20 -2.30 9.98	19.18 -2.46 9.85	15.69 -2.51 10.65	20.76 -2.29 5.88	17.48 -2.24 9.34	20.60 -2.26 7.87	30.07 -2.86 0.00	33.10 -3.22 0.00	33.68 -3.94 0.00	41.13 -5.26 0.00	41.51 -4.69 0.00	41.08 -4.70 0.00	27.13 -3.08 0.00	18.41 -2.08 0.00	24.18 -1.81 0.00
NIAGARA_115W_LBMP 323714	24.26 -2.45 1.33	24.93 -2.28 0.00	24.79 -2.13 0.00	9.86 -0.85 0.00	3.23 -0.30 0.00	9.67 -0.89 0.13	20.54 -2.57 6.83	18.08 -2.83 11.28	17.50 -2.59 11.08	16.59 -2.50 10.39	18.64 -2.68 10.18	15.07 -2.68 11.09	20.40 -2.46 6.08	16.94 -2.44 9.70	20.22 -2.47 8.04	29.99 -2.94 0.00	32.95 -3.37 0.00	33.52 -4.10 0.00	41.03 -5.36 0.00	41.47 -4.74 0.00	41.06 -4.72 0.00	27.09 -3.12 0.00	18.37 -2.12 0.00	24.15 -1.84 0.00
NIAGARA_230_LBMP 323716	24.46 -2.31 1.27	25.06 -2.15 0.00	24.92 -2.00 0.00	9.92 -0.80 0.00	3.25 -0.27 0.00	9.74 -0.84 0.13	21.00 -2.41 6.55	18.68 -2.66 10.85	18.08 -2.42 10.66	17.18 -2.33 9.96	19.15 -2.51 9.83	15.67 -2.54 10.63	20.75 -2.31 5.87	17.45 -2.30 9.32	20.56 -2.32 7.85	30.17 -2.76 0.00	33.17 -3.14 0.00	33.96 -3.66 0.00	41.58 -4.82 0.00	41.97 -4.23 0.00	41.56 -4.22 0.00	27.42 -2.79 0.00	18.59 -1.90 0.00	24.39 -1.59 0.00
NIAGARA___115KV_198_GIBSON 55903	24.24 -2.47 1.33	24.93 -2.29 0.00	24.80 -2.12 0.00	9.86 -0.85 0.00	3.23 -0.30 0.00	9.67 -0.90 0.13	20.51 -2.61 6.83	18.00 -2.90 11.28	17.42 -2.66 11.08	16.53 -2.56 10.39	18.58 -2.73 10.18	15.00 -2.76 11.09	20.34 -2.51 6.08	16.86 -2.52 9.70	20.17 -2.53 8.04	29.99 -2.94 0.00	32.94 -3.37 0.00	33.53 -4.10 0.00	41.04 -5.35 0.00	41.48 -4.73 0.00	41.06 -4.72 0.00	27.10 -3.11 0.00	18.37 -2.12 0.00	24.15 -1.84 0.00
NIAGARA____ 23760	24.45 -2.31 1.28	25.06 -2.15 0.00	24.92 -2.00 0.00	9.92 -0.80 0.00	3.25 -0.27 0.00	9.74 -0.84 0.13	20.96 -2.41 6.59	18.63 -2.66 10.90	18.04 -2.42 10.70	17.14 -2.33 10.01	19.12 -2.51 9.86	15.63 -2.54 10.68	20.73 -2.31 5.89	17.41 -2.30 9.36	20.54 -2.32 7.87	30.17 -2.76 0.00	33.17 -3.14 0.00	33.97 -3.66 0.00	41.58 -4.82 0.00	41.97 -4.23 0.00	41.56 -4.22 0.00	27.42 -2.79 0.00	18.59 -1.90 0.00	24.39 -1.59 0.00
NINE_MILE_1 23575	27.18 -0.86 0.00	26.38 -0.83 0.00	26.07 -0.84 0.00	10.39 -0.33 0.00	3.42 -0.11 0.00	10.37 -0.34 0.00	28.95 -1.00 0.00	31.10 -1.09 0.00	30.11 -1.05 0.00	28.47 -1.01 0.00	30.40 -1.09 0.00	27.81 -1.03 0.00	27.91 -1.03 0.00	28.05 -1.02 0.00	29.68 -1.06 0.00	31.76 -1.17 0.00	35.03 -1.28 0.00	36.29 -1.33 0.00	44.73 -1.65 0.00	44.55 -1.66 0.00	44.12 -1.66 0.00	29.14 -1.07 0.00	19.82 -0.67 0.00	25.27 -0.72 0.00
NINE_MILE_2 23744	27.18 -0.86 0.00	26.39 -0.83 0.00	26.08 -0.84 0.00	10.39 -0.33 0.00	3.42 -0.11 0.00	10.37 -0.34 0.00	28.95 -1.00 0.00	31.10 -1.09 0.00	30.11 -1.05 0.00	28.47 -1.01 0.00	30.41 -1.09 0.00	27.81 -1.03 0.00	27.91 -1.03 0.00	28.05 -1.02 0.00	29.68 -1.06 0.00	31.76 -1.17 0.00	35.04 -1.28 0.00	36.30 -1.32 0.00	44.74 -1.65 0.00	44.55 -1.65 0.00	44.12 -1.65 0.00	29.15 -1.07 0.00	19.82 -0.67 0.00	25.27 -0.72 0.00
NM_CAPITAL___DRP 24208	28.75 0.71 0.00	27.89 0.67 0.00	27.48 0.56 0.00	10.97 0.25 0.00	3.62 0.09 0.00	10.96 0.26 0.00	30.54 0.59 0.00	32.79 0.61 0.00	31.62 0.46 0.00	29.83 0.36 0.00	31.88 0.39 0.00	29.33 0.49 0.00	29.32 0.38 0.00	29.53 0.46 0.00	31.08 0.34 0.00	33.27 0.34 0.00	36.77 0.45 0.00	38.25 0.63 0.00	47.28 0.89 0.00	46.89 0.68 0.00	46.38 0.60 0.00	30.74 0.52 0.00	21.09 0.59 0.00	26.76 0.78 0.00
NM_CENTRAL___DRP 24181	27.66 -0.37 0.00	26.84 -0.37 0.00	26.53 -0.39 0.00	10.56 -0.15 0.00	3.48 -0.05 0.00	10.56 -0.15 0.00	29.52 -0.44 0.00	31.77 -0.42 0.00	30.82 -0.34 0.00	29.15 -0.33 0.00	31.13 -0.36 0.00	28.45 -0.39 0.00	28.56 -0.37 0.00	28.72 -0.35 0.00	30.38 -0.35 0.00	32.51 -0.42 0.00	35.86 -0.46 0.00	37.16 -0.46 0.00	45.81 -0.57 0.00	45.64 -0.56 0.00	45.19 -0.59 0.00	29.84 -0.37 0.00	20.29 -0.20 0.00	25.88 -0.11 0.00

NM_FRONTIER___DRP 24179	24.24 -2.47 1.33	24.93 -2.29 0.00	24.80 -2.12 0.00	9.86 -0.85 0.00	3.23 -0.30 0.00	9.67 -0.90 0.13	20.51 -2.61 6.83	18.00 -2.90 11.28	17.42 -2.66 11.08	16.53 -2.56 10.39	18.58 -2.73 10.18	15.00 -2.76 11.09	20.34 -2.51 6.08	16.86 -2.52 9.70	20.17 -2.53 8.04	29.99 -2.94 0.00	32.94 -3.37 0.00	33.53 -4.10 0.00	41.04 -5.35 0.00	41.48 -4.73 0.00	41.06 -4.72 0.00	27.10 -3.11 0.00	18.37 -2.12 0.00	24.15 -1.84 0.00
NM_ST_REGIS___HYD 24053	27.26 -0.78 0.00	26.52 -0.70 0.00	26.40 -0.52 0.00	10.48 -0.23 0.00	3.44 -0.09 0.00	10.48 -0.22 0.00	29.59 -0.36 0.00	31.74 -0.45 0.00	30.64 -0.52 0.00	28.99 -0.48 0.00	30.98 -0.51 0.00	28.29 -0.55 0.00	28.35 -0.59 0.00	28.36 -0.71 0.00	30.29 -0.45 0.00	32.53 -0.40 0.00	35.82 -0.49 0.00	36.84 -0.78 0.00	45.50 -0.89 0.00	45.73 -0.48 0.00	45.53 -0.25 0.00	29.96 -0.25 0.00	20.02 -0.47 0.00	25.16 -0.83 0.00
NORTHPORT___1 23551	54.51 2.52 -23.95	46.57 2.51 -16.85	32.92 2.24 -3.76	15.30 0.93 -3.65	25.43 0.33 -21.58	55.22 0.97 -43.55	50.60 2.51 -18.14	34.84 2.66 0.00	33.85 2.68 -0.01	32.07 2.29 -0.30	41.79 2.74 -7.56	42.27 2.66 -10.76	41.85 2.71 -10.20	41.97 2.69 -10.20	42.68 2.67 -9.27	41.25 2.78 -5.54	40.20 2.91 -0.98	37.39 2.79 3.02	47.50 3.35 2.23	49.51 2.98 -0.33	48.67 2.83 -0.06	27.11 1.81 4.91	23.40 1.63 -1.28	30.91 2.20 -2.73
NORTHPORT___2 23552	54.51 2.52 -23.95	46.57 2.51 -16.85	32.92 2.24 -3.76	15.30 0.93 -3.65	25.43 0.33 -21.58	55.22 0.97 -43.55	50.60 2.51 -18.14	34.84 2.66 0.00	33.85 2.68 -0.01	32.07 2.29 -0.30	41.79 2.74 -7.56	42.27 2.66 -10.76	41.85 2.71 -10.20	41.97 2.69 -10.20	42.68 2.67 -9.27	41.25 2.78 -5.54	40.20 2.91 -0.98	37.39 2.79 3.02	47.50 3.35 2.23	49.51 2.98 -0.33	48.67 2.83 -0.06	27.11 1.81 4.91	23.40 1.63 -1.28	30.91 2.20 -2.73
NORTHPORT___3 23553	54.53 2.54 -23.95	46.54 2.49 -16.84	32.89 2.23 -3.75	15.27 0.92 -3.64	25.37 0.32 -21.52	55.17 0.96 -43.50	50.60 2.50 -18.14	34.80 2.61 0.00	33.80 2.63 -0.01	32.08 2.27 -0.33	41.94 2.70 -7.75	42.51 2.64 -11.03	42.31 2.70 -10.68	42.44 2.64 -10.73	43.28 2.63 -9.92	40.69 3.01 -4.75	40.44 2.88 -1.24	37.67 2.82 2.77	47.75 3.37 2.01	49.86 3.00 -0.66	48.93 2.83 -0.32	27.41 1.80 4.60	23.66 1.62 -1.55	31.13 2.19 -2.96
NORTHPORT___4 23650	54.53 2.54 -23.95	46.54 2.49 -16.84	32.89 2.23 -3.75	15.27 0.92 -3.64	25.37 0.32 -21.52	55.17 0.96 -43.50	50.60 2.50 -18.14	34.80 2.61 0.00	33.80 2.63 -0.01	32.08 2.27 -0.33	41.94 2.70 -7.75	42.51 2.64 -11.03	42.31 2.70 -10.68	42.44 2.64 -10.73	43.28 2.63 -9.92	40.69 3.01 -4.75	40.44 2.88 -1.24	37.67 2.82 2.77	47.75 3.37 2.01	49.86 3.00 -0.66	48.93 2.83 -0.32	27.41 1.80 4.60	23.66 1.62 -1.55	31.13 2.19 -2.96
NORTHPORT___IC 23718	54.51 2.52 -23.95	46.57 2.51 -16.85	32.92 2.24 -3.76	15.30 0.93 -3.65	25.43 0.33 -21.58	55.22 0.97 -43.55	50.61 2.51 -18.14	34.85 2.66 0.00	33.86 2.69 -0.01	32.07 2.29 -0.30	41.80 2.75 -7.56	42.28 2.68 -10.76	41.87 2.74 -10.20	41.97 2.69 -10.20	42.68 2.68 -9.27	41.26 2.80 -5.54	40.20 2.91 -0.98	37.40 2.80 3.02	47.51 3.35 2.23	49.50 2.97 -0.33	48.67 2.83 -0.06	27.11 1.81 4.91	23.39 1.62 -1.28	30.91 2.20 -2.73
NORTH___COUNTRY_ESR 323785	27.81 -0.22 0.00	27.09 -0.12 0.00	26.98 0.06 0.00	10.71 0.00 0.00	3.51 -0.01 0.00	10.70 0.00 0.00	30.01 0.05 0.00	32.25 0.06 0.00	31.18 0.02 0.00	29.59 0.11 0.00	31.63 0.14 0.00	28.88 0.04 0.00	29.04 0.11 0.00	29.02 -0.05 0.00	30.89 0.16 0.00	33.14 0.20 0.00	36.45 0.13 0.00	37.53 -0.09 0.00	46.23 -0.16 0.00	46.50 0.29 0.00	46.29 0.51 0.00	30.48 0.27 0.00	20.41 -0.08 0.00	25.71 -0.27 0.00
NPX_GEN_1385_PROXY 323591	10.35 2.43 20.12	2.39 2.41 27.23	-4.22 2.15 33.29	15.28 0.92 -3.65	25.43 0.32 -21.58	55.52 0.99 -43.82	51.67 2.59 -19.14	34.90 2.72 0.00	33.85 2.67 -0.01	31.96 2.18 -0.30	-3.19 2.63 37.31	42.23 2.63 -10.76	8.03 2.61 23.52	8.93 2.59 22.73	9.22 2.56 24.07	6.95 2.66 28.64	7.98 2.78 31.11	37.27 2.66 3.02	47.45 3.30 2.23	49.45 2.92 -0.33	48.60 2.76 -0.06	27.02 1.72 4.91	23.00 1.60 -0.90	30.81 2.10 -2.73
NPX_GEN_CSC 323557	55.31 3.32 -23.95	47.25 3.20 -16.84	33.60 2.93 -3.75	15.54 1.18 -3.64	25.46 0.41 -21.52	55.74 1.26 -43.78	52.51 3.42 -19.14	35.93 3.74 0.00	34.99 3.79 -0.03	33.22 3.35 -0.40	43.34 3.80 -8.05	43.85 3.55 -11.45	43.83 3.57 -11.32	44.07 3.58 -11.42	45.11 3.69 -10.68	52.14 4.04 -15.17	42.18 4.29 -1.57	44.44 4.28 -2.54	51.65 5.17 -0.10	52.00 4.73 -1.07	51.02 4.59 -0.65	28.99 2.87 4.08	24.45 2.29 -1.66	32.26 2.92 -3.35
NSINS_S_GLNS_FALLS 23858	29.68 1.64 0.00	28.73 1.52 0.00	28.30 1.38 0.00	11.29 0.57 0.00	3.72 0.20 0.00	11.34 0.64 0.00	31.73 1.77 0.00	34.06 1.87 0.00	32.64 1.47 0.00	30.65 1.17 0.00	32.74 1.25 0.00	29.97 1.12 0.00	29.97 1.04 0.00	30.35 1.27 0.00	32.02 1.29 0.00	34.45 1.52 0.00	38.14 1.82 0.00	39.94 2.32 0.00	49.41 3.02 0.00	49.18 2.97 0.00	48.59 2.82 0.00	32.14 1.93 0.00	21.81 1.32 0.00	27.55 1.56 0.00
NUCOR_STEEL___DRP 24197	27.83 -0.21 0.00	27.03 -0.18 0.00	26.71 -0.21 0.00	10.64 -0.08 0.00	3.51 -0.02 0.00	10.64 -0.06 0.00	29.70 -0.26 0.00	31.99 -0.20 0.00	30.99 -0.17 0.00	29.31 -0.16 0.00	31.25 -0.24 0.00	28.55 -0.30 0.00	28.69 -0.25 0.00	28.71 -0.36 0.00	30.49 -0.25 0.00	32.62 -0.31 0.00	35.98 -0.34 0.00	37.36 -0.26 0.00	46.08 -0.31 0.00	45.76 -0.44 0.00	45.46 -0.32 0.00	30.02 -0.19 0.00	20.38 -0.11 0.00	26.04 0.05 0.00
NUMBER_THREE_WT_PWR 323818	27.15 -0.89 0.00	26.36 -0.85 0.00	26.10 -0.82 0.00	10.39 -0.33 0.00	3.42 -0.11 0.00	10.39 -0.32 0.00	29.30 -0.65 0.00	31.72 -0.47 0.00	30.70 -0.46 0.00	28.81 -0.66 0.00	30.68 -0.81 0.00	27.81 -1.03 0.00	27.54 -1.39 0.00	27.89 -1.18 0.00	29.59 -1.14 0.00	31.68 -1.25 0.00	35.20 -1.12 0.00	36.50 -1.12 0.00	45.04 -1.35 0.00	45.16 -1.04 0.00	44.78 -1.00 0.00	29.70 -0.52 0.00	20.09 -0.40 0.00	25.23 -0.76 0.00
NYISO_LBMP_REFERENCE 24008	28.04 0.00 0.00	27.21 0.00 0.00	26.92 0.00 0.00	10.72 0.00 0.00	3.53 0.00 0.00	10.70 0.00 0.00	29.95 0.00 0.00	32.19 0.00 0.00	31.16 0.00 0.00	29.47 0.00 0.00	31.49 0.00 0.00	28.85 0.00 0.00	28.93 0.00 0.00	29.07 0.00 0.00	30.73 0.00 0.00	32.93 0.00 0.00	36.31 0.00 0.00	37.62 0.00 0.00	46.39 0.00 0.00	46.20 0.00 0.00	45.78 0.00 0.00	30.21 0.00 0.00	20.49 0.00 0.00	25.99 0.00 0.00
NYPA_BRENTWD____GT 24164	54.90 2.92 -23.95	46.88 2.85 -16.81	33.23 2.58 -3.73	15.40 1.06 -3.62	25.33 0.37 -21.44	55.24 1.11 -43.43	51.04 2.95 -18.14	35.37 3.19 0.00	34.40 3.22 -0.02	32.78 2.83 -0.48	43.54 3.30 -8.75	44.43 3.14 -12.44	45.03 3.15 -12.94	45.38 3.14 -13.17	46.64 3.23 -12.68	45.04 3.43 -8.68	42.35 3.64 -2.39	41.27 3.47 -0.18	50.17 4.16 0.38	52.12 3.78 -2.14	50.95 3.67 -1.51	29.74 2.43 2.91	25.63 2.01 -3.13	32.89 2.64 -4.26

NYPA_GOWANUS____GT5 24156	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NYPA_GOWANUS____GT6 24157	30.20 2.16 0.00	29.35 2.13 0.00	28.83 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.55 0.84 -0.01	32.14 2.19 0.00	37.61 2.47 -2.95	47.74 2.51 -14.07	48.19 2.40 -16.31	48.15 2.61 -14.05	47.51 2.53 -16.13	47.65 2.55 -16.17	47.70 2.51 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.47 -1.89	49.24 3.04 0.00	48.75 2.97 0.00	40.96 2.01 -8.74	22.08 1.59 0.00	28.05 2.06 0.00
NYPA_HARLEM__RVR__GT1 24160	30.19 2.16 0.00	29.29 2.07 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.93 1.97 0.00	34.45 2.26 0.00	33.48 2.31 0.00	31.65 2.18 0.00	33.92 2.42 0.00	31.20 2.35 0.00	31.31 2.37 0.00	31.41 2.33 0.00	33.07 2.34 0.00	35.49 2.56 0.00	39.01 2.69 0.00	40.44 2.81 0.00	49.62 3.23 0.00	48.94 2.73 0.00	48.48 2.70 0.00	32.06 1.85 0.00	21.94 1.45 0.00	27.87 1.88 0.00
NYPA_HARLEM__RVR__GT2 24161	30.19 2.16 0.00	29.29 2.07 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.93 1.97 0.00	34.45 2.26 0.00	33.48 2.31 0.00	31.65 2.18 0.00	33.92 2.42 0.00	31.20 2.35 0.00	31.31 2.37 0.00	31.41 2.33 0.00	33.07 2.34 0.00	35.49 2.56 0.00	39.01 2.69 0.00	40.44 2.81 0.00	49.62 3.23 0.00	48.94 2.73 0.00	48.48 2.70 0.00	32.06 1.85 0.00	21.94 1.45 0.00	27.87 1.88 0.00
NYPA_KENT____GT 24152	30.21 2.17 0.00	29.34 2.12 0.00	28.79 1.88 0.00	11.51 0.79 0.00	3.80 0.28 0.00	11.54 0.83 -0.01	32.10 2.14 0.00	36.40 2.42 -1.79	42.16 2.47 -8.52	41.73 2.37 -9.88	42.58 2.59 -8.51	41.13 2.51 -9.77	41.26 2.53 -9.79	41.34 2.50 -9.76	42.02 2.52 -8.77	42.97 2.73 -7.31	44.40 2.96 -5.12	44.94 3.08 -4.24	51.01 3.48 -1.14	49.24 3.03 0.00	48.73 2.95 0.00	37.51 2.00 -5.30	22.08 1.58 0.00	28.05 2.06 0.00
NYPA_POUCH1____GT 24155	30.11 2.07 0.00	29.31 2.10 0.00	28.89 1.98 0.00	11.55 0.83 0.00	3.82 0.29 0.00	11.58 0.87 -0.01	32.21 2.25 0.00	37.65 2.50 -2.95	47.74 2.50 -14.07	48.17 2.37 -16.31	48.11 2.57 -14.05	47.48 2.50 -16.13	47.61 2.51 -16.17	47.64 2.45 -16.11	47.69 2.48 -14.48	47.69 2.70 -12.07	47.70 2.93 -8.46	47.69 3.06 -7.01	51.59 3.31 -1.89	49.07 2.87 0.00	48.60 2.82 0.00	40.87 1.91 -8.74	22.04 1.54 0.00	27.99 2.01 0.00
NYPA_VERNON____GT2 24162	30.21 2.17 0.00	29.33 2.11 0.00	28.75 1.83 0.00	11.49 0.78 0.00	3.80 0.27 0.00	11.53 0.82 -0.01	32.04 2.09 0.00	35.19 2.38 -0.62	36.57 2.43 -2.98	35.27 2.34 -3.45	37.02 2.56 -2.97	34.74 2.48 -3.42	34.87 2.51 -3.42	34.96 2.48 -3.41	36.29 2.50 -3.06	38.19 2.71 -2.55	41.03 2.93 -1.79	42.15 3.05 -1.48	50.26 3.47 -0.40	49.23 3.03 0.00	48.71 2.93 0.00	34.06 2.00 -1.85	22.07 1.57 0.00	28.04 2.05 0.00
NYPA_VERNON____GT3 24163	30.21 2.17 0.00	29.33 2.11 0.00	28.75 1.83 0.00	11.49 0.78 0.00	3.80 0.27 0.00	11.53 0.82 -0.01	32.04 2.09 0.00	35.19 2.38 -0.62	36.57 2.43 -2.98	35.27 2.34 -3.45	37.02 2.56 -2.97	34.74 2.48 -3.42	34.87 2.51 -3.42	34.96 2.48 -3.41	36.29 2.50 -3.06	38.19 2.71 -2.55	41.03 2.93 -1.79	42.15 3.05 -1.48	50.26 3.47 -0.40	49.23 3.03 0.00	48.71 2.93 0.00	34.06 2.00 -1.85	22.07 1.57 0.00	28.04 2.05 0.00
NYPA____ASTORIA_CC1 323568	30.19 2.16 0.00	29.30 2.09 0.00	28.72 1.80 0.00	11.48 0.76 0.00	3.80 0.27 0.00	11.52 0.80 -0.01	32.00 2.05 0.00	34.50 2.32 0.00	33.54 2.38 0.00	31.77 2.29 0.00	33.99 2.50 0.00	31.28 2.43 0.00	31.40 2.46 0.00	31.50 2.43 0.00	33.18 2.45 0.00	35.58 2.65 0.00	39.17 2.85 0.00	40.59 2.97 0.00	49.77 3.38 0.00	49.15 2.94 0.00	48.63 2.86 0.00	32.16 1.95 0.00	22.04 1.55 0.00	28.00 2.01 0.00
NYPA____ASTORIA_CC2 323569	30.19 2.16 0.00	29.30 2.09 0.00	28.72 1.80 0.00	11.48 0.76 0.00	3.80 0.27 0.00	11.52 0.80 -0.01	32.00 2.05 0.00	34.50 2.32 0.00	33.54 2.38 0.00	31.77 2.29 0.00	33.99 2.50 0.00	31.28 2.43 0.00	31.40 2.46 0.00	31.50 2.43 0.00	33.18 2.45 0.00	35.58 2.65 0.00	39.17 2.85 0.00	40.59 2.97 0.00	49.77 3.38 0.00	49.15 2.94 0.00	48.63 2.86 0.00	32.16 1.95 0.00	22.04 1.55 0.00	28.00 2.01 0.00
NYPA____HOLTSVILL 23794	54.89 2.91 -23.95	46.88 2.83 -16.84	33.24 2.57 -3.75	15.41 1.05 -3.64	25.42 0.37 -21.53	55.31 1.10 -43.50	51.04 2.94 -18.14	35.39 3.21 0.00	34.44 3.25 -0.03	32.73 2.87 -0.39	42.78 3.30 -7.99	43.35 3.14 -11.37	43.29 3.16 -11.19	43.50 3.15 -11.28	44.48 3.23 -10.52	51.29 3.47 -14.89	41.48 3.66 -1.51	43.59 3.61 -2.37	50.71 4.32 0.01	51.12 3.93 -0.98	50.16 3.79 -0.59	28.46 2.43 4.18	24.45 2.01 -1.94	31.89 2.62 -3.28
NYPA____HELLGATE_GT1 24158	30.19 2.16 0.00	29.29 2.07 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.93 1.97 0.00	34.45 2.26 0.00	33.48 2.31 0.00	31.65 2.18 0.00	33.92 2.42 0.00	31.20 2.35 0.00	31.31 2.37 0.00	31.41 2.33 0.00	33.07 2.34 0.00	35.49 2.56 0.00	39.01 2.69 0.00	40.44 2.81 0.00	49.62 3.23 0.00	48.94 2.73 0.00	48.48 2.70 0.00	32.06 1.85 0.00	21.94 1.45 0.00	27.87 1.88 0.00
NYPA____HELLGATE_GT2 24159	30.19 2.16 0.00	29.29 2.07 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.48 0.77 -0.01	31.93 1.97 0.00	34.45 2.26 0.00	33.48 2.31 0.00	31.65 2.18 0.00	33.92 2.42 0.00	31.20 2.35 0.00	31.31 2.37 0.00	31.41 2.33 0.00	33.07 2.34 0.00	35.49 2.56 0.00	39.01 2.69 0.00	40.44 2.81 0.00	49.62 3.23 0.00	48.94 2.73 0.00	48.48 2.70 0.00	32.06 1.85 0.00	21.94 1.45 0.00	27.87 1.88 0.00
NYS_BARGE____HYD 23848	24.85 -1.98 1.21	25.18 -2.03 0.00	25.02 -1.89 0.00	9.96 -0.75 0.00	3.28 -0.25 0.00	9.87 -0.71 0.12	21.76 -1.99 6.21	19.71 -2.20 10.28	19.09 -1.98 10.10	18.09 -1.94 9.45	20.08 -2.10 9.31	16.57 -2.19 10.09	21.41 -1.96 5.56	18.31 -1.93 8.83	21.40 -1.92 7.41	30.52 -2.42 0.00	33.59 -2.73 0.00	34.29 -3.33 0.00	41.95 -4.44 0.00	42.34 -3.87 0.00	41.91 -3.87 0.00	27.66 -2.55 0.00	18.76 -1.73 0.00	24.59 -1.40 0.00
OAK ORCHARD____HYD 24046	26.90 -1.14 0.00	26.15 -1.07 0.00	25.91 -1.01 0.00	10.31 -0.41 0.00	3.39 -0.14 0.00	10.30 -0.40 0.00	28.80 -1.15 0.00	30.92 -1.26 0.00	30.05 -1.11 0.00	28.39 -1.09 0.00	30.30 -1.20 0.00	27.57 -1.27 0.00	27.79 -1.15 0.00	27.97 -1.11 0.00	29.67 -1.06 0.00	31.64 -1.29 0.00	34.87 -1.45 0.00	35.94 -1.69 0.00	44.16 -2.23 0.00	44.30 -1.90 0.00	43.86 -1.92 0.00	28.93 -1.28 0.00	19.59 -0.90 0.00	25.31 -0.67 0.00

OAKDALE___35_KV_LOAD 356122	27.96 -0.07 0.00	27.16 -0.06 0.00	26.81 -0.11 0.00	10.68 -0.04 0.00	3.52 0.00 0.00	10.69 -0.02 0.00	29.92 -0.03 0.00	32.17 -0.02 0.00	31.19 0.02 0.00	29.48 0.00 0.00	31.52 0.02 -0.01	28.75 -0.10 0.00	28.94 0.00 -0.01	29.04 -0.04 0.00	30.73 -0.03 -0.02	32.84 -0.09 0.00	36.20 -0.12 0.00	37.48 -0.14 0.00	46.18 -0.21 0.00	46.08 -0.12 0.00	45.55 -0.23 0.00	30.08 -0.13 0.00	20.48 0.00 0.00	26.19 0.21 0.00
OCC_CHEM___DRP 24175	24.29 -2.41 1.34	24.98 -2.23 0.00	24.85 -2.07 0.00	9.89 -0.83 0.00	3.24 -0.29 0.00	9.69 -0.88 0.13	20.52 -2.55 6.88	17.99 -2.83 11.36	17.42 -2.59 11.15	16.51 -2.49 10.47	18.59 -2.67 10.24	14.98 -2.69 11.17	20.37 -2.45 6.12	16.85 -2.46 9.76	20.20 -2.46 8.07	30.07 -2.86 0.00	33.04 -3.28 0.00	33.64 -3.98 0.00	41.18 -5.21 0.00	41.62 -4.58 0.00	41.21 -4.57 0.00	27.19 -3.02 0.00	18.43 -2.06 0.00	24.23 -1.76 0.00
OH_GEN_PROXY 24063	24.63 -2.26 1.16	25.12 -2.10 0.00	24.96 -1.95 0.00	9.94 -0.78 0.00	3.26 -0.27 0.00	10.05 -0.81 -0.16	22.64 -2.34 4.97	19.73 -2.58 9.88	19.11 -2.35 9.70	18.14 -2.26 9.07	20.12 -2.42 8.94	16.69 -2.47 9.68	21.35 -2.24 5.34	18.35 -2.24 8.48	21.34 -2.25 7.14	30.27 -2.66 0.00	33.27 -3.05 0.00	34.08 -3.54 0.00	41.73 -4.66 0.00	42.12 -4.09 0.00	41.68 -4.09 0.00	27.51 -2.70 0.00	18.27 -1.85 0.37	24.43 -1.56 0.00
OLIN_CORP_DRP 24177	24.40 -2.35 1.29	24.85 -2.36 0.00	24.71 -2.21 0.00	9.84 -0.88 0.00	3.24 -0.29 0.00	9.74 -0.83 0.13	21.02 -2.35 6.58	18.64 -2.64 10.89	18.02 -2.44 10.70	17.14 -2.33 10.00	19.13 -2.49 9.88	15.61 -2.56 10.67	20.73 -2.31 5.90	17.40 -2.30 9.37	20.53 -2.29 7.91	30.12 -2.81 0.00	33.16 -3.16 0.00	33.76 -3.86 0.00	41.26 -5.13 0.00	41.65 -4.56 0.00	41.21 -4.57 0.00	27.22 -3.00 0.00	18.47 -2.03 0.00	24.23 -1.75 0.00
OLIN_CORP_DSASP 323712	24.30 -2.40 1.34	24.98 -2.23 0.00	24.85 -2.07 0.00	9.89 -0.83 0.00	3.24 -0.29 0.00	9.70 -0.87 0.13	20.56 -2.51 6.88	18.07 -2.76 11.36	17.49 -2.52 11.15	16.57 -2.44 10.47	18.65 -2.61 10.24	15.05 -2.62 11.17	20.43 -2.39 6.12	16.93 -2.37 9.76	20.27 -2.39 8.07	30.08 -2.86 0.00	33.03 -3.29 0.00	33.65 -3.97 0.00	41.17 -5.22 0.00	41.62 -4.59 0.00	41.20 -4.58 0.00	27.18 -3.03 0.00	18.43 -2.06 0.00	24.23 -1.76 0.00
ONEIDA_HERK_LFGE 323681	28.00 -0.04 0.00	27.15 -0.06 0.00	26.85 -0.07 0.00	10.69 -0.02 0.00	3.52 -0.01 0.00	10.70 0.00 0.00	30.05 0.09 0.00	32.43 0.24 0.00	31.38 0.22 0.00	29.55 0.07 0.00	31.53 0.04 0.00	28.75 -0.10 0.00	28.70 -0.24 0.00	28.94 -0.14 0.00	30.64 -0.09 0.00	32.80 -0.13 0.00	36.29 -0.02 0.00	37.63 0.01 0.00	46.44 0.05 0.00	46.38 0.18 0.00	45.97 0.19 0.00	30.40 0.18 0.00	20.61 0.12 0.00	26.05 0.06 0.00
ONEIDA___115KV_TB4 55905	28.44 0.40 0.00	27.58 0.36 0.00	27.24 0.32 0.00	10.85 0.13 0.00	3.57 0.05 0.00	10.87 0.16 0.00	30.46 0.51 0.00	32.95 0.77 0.00	31.89 0.72 0.00	30.05 0.57 0.00	32.11 0.62 0.00	29.31 0.47 0.00	29.37 0.44 0.00	29.59 0.52 0.00	31.26 0.53 0.00	33.41 0.48 0.00	36.86 0.54 0.00	38.25 0.63 0.00	47.18 0.79 0.00	47.12 0.91 0.00	46.70 0.92 0.00	30.84 0.62 0.00	20.93 0.43 0.00	26.55 0.57 0.00
ONONDAGA_REF_OCCRA 23987	27.83 -0.21 0.00	27.00 -0.21 0.00	26.67 -0.25 0.00	10.62 -0.09 0.00	3.50 -0.03 0.00	10.62 -0.08 0.00	29.71 -0.24 0.00	31.97 -0.21 0.00	31.01 -0.15 0.00	29.32 -0.16 0.00	31.30 -0.19 0.00	28.61 -0.24 0.00	28.73 -0.20 0.00	28.88 -0.19 0.00	30.56 -0.18 0.00	32.67 -0.26 0.00	36.03 -0.28 0.00	37.35 -0.27 0.00	46.07 -0.32 0.00	45.91 -0.30 0.00	45.46 -0.32 0.00	30.02 -0.19 0.00	20.41 -0.09 0.00	26.02 0.03 0.00
ONONDAGA___COGEN 23986	27.73 -0.31 0.00	26.92 -0.30 0.00	26.59 -0.33 0.00	10.59 -0.13 0.00	3.49 -0.04 0.00	10.59 -0.12 0.00	29.59 -0.36 0.00	31.83 -0.35 0.00	30.85 -0.31 0.00	29.18 -0.30 0.00	31.14 -0.35 0.00	28.47 -0.38 0.00	28.57 -0.36 0.00	28.72 -0.36 0.00	30.39 -0.34 0.00	32.52 -0.41 0.00	35.88 -0.43 0.00	37.19 -0.43 0.00	45.88 -0.51 0.00	45.66 -0.54 0.00	45.25 -0.53 0.00	29.87 -0.34 0.00	20.31 -0.19 0.00	25.89 -0.09 0.00
ONTARIO___LFGE 23819	28.25 -0.64 -0.85	26.61 -0.60 0.00	26.30 -0.62 0.00	10.48 -0.24 0.00	3.46 -0.07 0.00	10.59 -0.20 -0.09	33.88 -0.48 -4.40	38.84 -0.59 -7.24	37.79 -0.49 -7.12	35.72 -0.42 -6.66	37.54 -0.52 -6.57	35.32 -0.63 -7.11	32.42 -0.46 -3.94	34.87 -0.48 -6.28	35.49 -0.54 -5.29	32.37 -0.56 0.00	35.71 -0.61 0.00	36.99 -0.64 0.00	45.54 -0.85 0.00	45.53 -0.67 0.00	45.03 -0.75 0.00	29.80 -0.41 0.00	20.22 -0.28 0.00	25.94 -0.05 0.00
ORANGEVILLE_WT_PWR 323706	20.43 -2.06 5.55	25.20 -2.01 0.00	24.99 -1.93 0.00	9.98 -0.74 0.00	3.27 -0.25 0.00	9.45 -0.70 0.56	-0.43 -1.84 28.54	-16.95 -2.01 47.13	-16.91 -1.79 46.28	-15.53 -1.74 43.27	-12.98 -1.90 42.58	-19.28 -1.94 46.18	1.59 -1.86 25.49	-13.34 -1.82 40.59	-5.06 -1.81 33.98	30.80 -2.14 0.00	34.01 -2.31 0.00	35.12 -2.50 0.00	43.24 -3.15 0.00	43.63 -2.57 0.00	43.20 -2.58 0.00	28.50 -1.71 0.00	19.35 -1.14 0.00	25.22 -0.77 0.00
ORANGEVILLE___ESR 323794	20.43 -2.06 5.55	25.20 -2.01 0.00	24.99 -1.93 0.00	9.98 -0.74 0.00	3.27 -0.25 0.00	9.45 -0.70 0.56	-0.43 -1.84 28.54	-16.95 -2.01 47.13	-16.91 -1.79 46.28	-15.53 -1.74 43.27	-12.98 -1.90 42.58	-19.28 -1.94 46.18	1.59 -1.86 25.49	-13.34 -1.82 40.59	-5.06 -1.81 33.98	30.80 -2.14 0.00	34.01 -2.31 0.00	35.12 -2.50 0.00	43.24 -3.15 0.00	43.63 -2.57 0.00	43.20 -2.58 0.00	28.50 -1.71 0.00	19.35 -1.14 0.00	25.22 -0.77 0.00
OSWEGATCHIE___HYD 24044	26.86 -1.18 0.00	26.11 -1.11 0.00	25.91 -1.01 0.00	10.30 -0.42 0.00	3.38 -0.14 0.00	10.30 -0.40 0.00	29.09 -0.87 0.00	31.33 -0.86 0.00	30.29 -0.87 0.00	28.54 -0.94 0.00	30.42 -1.07 0.00	27.66 -1.18 0.00	27.54 -1.40 0.00	27.76 -1.32 0.00	29.56 -1.17 0.00	31.70 -1.23 0.00	35.08 -1.23 0.00	36.24 -1.38 0.00	44.73 -1.65 0.00	44.93 -1.28 0.00	44.64 -1.14 0.00	29.48 -0.73 0.00	19.82 -0.67 0.00	24.88 -1.11 0.00
OSWEGO___5 23606	27.32 -0.71 0.00	26.53 -0.68 0.00	26.22 -0.70 0.00	10.44 -0.27 0.00	3.44 -0.09 0.00	10.43 -0.28 0.00	29.13 -0.83 0.00	31.29 -0.90 0.00	30.30 -0.86 0.00	28.66 -0.82 0.00	30.60 -0.89 0.00	27.99 -0.86 0.00	28.09 -0.85 0.00	28.22 -0.85 0.00	29.86 -0.87 0.00	31.96 -0.97 0.00	35.26 -1.06 0.00	36.52 -1.10 0.00	45.03 -1.36 0.00	44.83 -1.37 0.00	44.42 -1.36 0.00	29.34 -0.87 0.00	19.94 -0.55 0.00	25.42 -0.56 0.00
OSWEGO___6 23613	27.32 -0.71 0.00	26.53 -0.68 0.00	26.22 -0.70 0.00	10.44 -0.27 0.00	3.44 -0.09 0.00	10.43 -0.28 0.00	29.13 -0.83 0.00	31.29 -0.90 0.00	30.30 -0.86 0.00	28.66 -0.82 0.00	30.60 -0.89 0.00	27.99 -0.86 0.00	28.09 -0.85 0.00	28.22 -0.85 0.00	29.86 -0.87 0.00	31.96 -0.97 0.00	35.26 -1.06 0.00	36.52 -1.10 0.00	45.03 -1.36 0.00	44.83 -1.37 0.00	44.42 -1.36 0.00	29.34 -0.87 0.00	19.94 -0.55 0.00	25.42 -0.56 0.00

OUTOKUMPU-AB___DRP 24206	24.78 -1.85 1.41	25.43 -1.78 0.00	25.28 -1.64 0.00	10.06 -0.66 0.00	3.30 -0.22 0.00	9.90 -0.67 0.14	20.83 -1.88 7.25	18.12 -2.09 11.97	17.56 -1.85 11.75	16.64 -1.82 11.02	18.77 -1.92 10.81	15.06 -2.03 11.76	20.70 -1.78 6.46	17.02 -1.77 10.29	20.46 -1.71 8.56	30.84 -2.09 0.00	33.91 -2.41 0.00	34.65 -2.97 0.00	42.42 -3.97 0.00	42.80 -3.40 0.00	42.38 -3.40 0.00	27.95 -2.26 0.00	18.95 -1.54 0.00	24.83 -1.16 0.00
OXBOW___BTM 323836	24.55 -2.12 1.37	25.19 -2.02 0.00	25.04 -1.88 0.00	9.97 -0.75 0.00	3.27 -0.26 0.00	9.79 -0.77 0.14	20.70 -2.19 7.07	18.11 -2.41 11.67	17.54 -2.17 11.46	16.62 -2.11 10.75	18.72 -2.24 10.53	15.09 -2.05 11.47	20.59 -2.03 6.29	17.01 -2.02 10.03	20.39 -2.02 8.32	30.46 -2.47 0.00	33.48 -2.84 0.00	34.15 -3.47 0.00	41.81 -4.58 0.00	42.20 -4.01 0.00	41.79 -3.99 0.00	27.57 -2.64 0.00	18.69 -1.81 0.00	24.52 -1.47 0.00
OXBOW___ 24026	24.53 -2.14 1.37	25.19 -2.02 0.00	25.04 -1.88 0.00	9.97 -0.75 0.00	3.27 -0.26 0.00	9.79 -0.78 0.14	20.65 -2.23 7.07	18.05 -2.47 11.67	17.47 -2.24 11.46	16.57 -2.16 10.75	18.67 -2.30 10.53	15.02 -2.36 11.47	20.53 -2.11 6.29	16.93 -2.11 10.03	20.33 -2.08 8.32	30.46 -2.47 0.00	33.47 -2.85 0.00	34.14 -3.47 0.00	41.81 -4.58 0.00	42.22 -3.99 0.00	41.79 -3.99 0.00	27.57 -2.64 0.00	18.69 -1.80 0.00	24.52 -1.46 0.00
OXY_CHEM_DSASP 323612	24.29 -2.41 1.34	24.98 -2.23 0.00	24.85 -2.07 0.00	9.89 -0.83 0.00	3.24 -0.29 0.00	9.69 -0.88 0.13	20.52 -2.55 6.88	17.99 -2.83 11.36	17.42 -2.59 11.15	16.51 -2.49 10.47	18.59 -2.67 10.24	14.98 -2.69 11.17	20.37 -2.45 6.12	16.85 -2.46 9.76	20.20 -2.46 8.07	30.07 -2.86 0.00	33.04 -3.28 0.00	33.64 -3.98 0.00	41.18 -5.21 0.00	41.62 -4.58 0.00	41.21 -4.57 0.00	27.19 -3.02 0.00	18.43 -2.06 0.00	24.23 -1.76 0.00
OZONE_PARK_ESR 323760	30.36 2.32 0.00	29.45 2.24 0.00	28.87 1.95 0.00	11.54 0.82 0.00	3.81 0.29 0.00	11.56 0.86 0.00	32.21 2.25 0.00	34.75 2.57 0.00	33.80 2.64 0.00	32.00 2.53 0.00	34.22 2.73 0.00	31.48 2.63 0.00	31.61 2.67 0.00	31.71 2.64 0.00	33.39 2.66 0.00	35.83 2.89 0.00	39.47 3.15 0.00	40.90 3.28 0.00	50.19 3.80 0.00	49.59 3.38 0.00	49.07 3.30 0.00	32.41 2.20 0.00	22.20 1.70 0.00	28.21 2.23 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.29 -2.41 1.34	24.98 -2.23 0.00	24.85 -2.07 0.00	9.89 -0.83 0.00	3.24 -0.29 0.00	9.69 -0.88 0.13	20.52 -2.55 6.88	17.99 -2.83 11.36	17.42 -2.59 11.15	16.51 -2.49 10.47	18.59 -2.67 10.24	14.98 -2.69 11.17	20.37 -2.45 6.12	16.85 -2.46 9.76	20.20 -2.46 8.07	30.07 -2.86 0.00	33.04 -3.28 0.00	33.64 -3.98 0.00	41.18 -5.21 0.00	41.62 -4.58 0.00	41.21 -4.57 0.00	27.19 -3.02 0.00	18.43 -2.06 0.00	24.23 -1.76 0.00
PACKARD__115KV_DUPONT_184 80571	24.29 -2.41 1.34	24.98 -2.23 0.00	24.85 -2.07 0.00	9.89 -0.83 0.00	3.24 -0.29 0.00	9.69 -0.88 0.13	20.52 -2.55 6.88	17.99 -2.83 11.36	17.42 -2.59 11.15	16.51 -2.49 10.47	18.59 -2.67 10.24	14.98 -2.69 11.17	20.37 -2.45 6.12	16.85 -2.46 9.76	20.20 -2.46 8.07	30.07 -2.86 0.00	33.04 -3.28 0.00	33.64 -3.98 0.00	41.18 -5.21 0.00	41.62 -4.58 0.00	41.21 -4.57 0.00	27.19 -3.02 0.00	18.43 -2.06 0.00	24.23 -1.76 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.18 2.14 0.00	29.27 2.05 0.00	28.66 1.74 0.00	11.46 0.74 0.00	3.79 0.26 0.00	11.49 0.78 -0.01	31.98 2.02 0.00	34.48 2.29 0.00	33.51 2.35 0.00	31.69 2.21 0.00	33.94 2.45 0.00	31.24 2.39 0.00	31.32 2.39 0.00	31.45 2.38 0.00	33.10 2.37 0.00	35.51 2.58 0.00	39.03 2.71 0.00	40.45 2.83 0.00	49.64 3.25 0.00	49.02 2.81 0.00	48.54 2.76 0.00	32.11 1.89 0.00	21.97 1.48 0.00	27.92 1.93 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.76 2.73 0.00	29.90 2.68 0.00	29.29 2.37 0.00	11.72 1.00 0.00	3.87 0.35 0.00	11.77 1.06 -0.01	32.78 2.83 0.00	35.37 3.18 0.00	34.35 3.19 0.00	32.45 2.97 0.00	34.76 3.27 0.00	31.95 3.10 0.00	32.04 3.11 0.00	32.15 3.08 0.00	33.83 3.10 0.00	36.30 3.37 0.00	39.89 3.57 0.00	41.30 3.68 0.00	50.68 4.29 0.00	50.04 3.83 0.00	49.53 3.75 0.00	32.73 2.52 0.00	22.44 1.95 0.00	28.54 2.55 0.00
PATROON__115KV_TB1 80586	28.77 0.74 0.00	27.91 0.70 0.00	27.50 0.58 0.00	10.97 0.26 0.00	3.62 0.09 0.00	10.98 0.27 0.00	30.58 0.63 0.00	32.85 0.66 0.00	31.69 0.53 0.00	29.91 0.43 0.00	31.96 0.46 0.00	29.39 0.54 0.00	29.39 0.45 0.00	29.62 0.55 0.00	31.19 0.46 0.00	33.38 0.45 0.00	36.89 0.57 0.00	38.36 0.74 0.00	47.37 0.98 0.00	47.00 0.80 0.00	46.48 0.70 0.00	30.79 0.57 0.00	21.11 0.62 0.00	26.79 0.81 0.00
PATTRSNVILLE___SOLAR 323815	29.01 0.96 0.00	28.14 0.93 0.00	27.76 0.85 0.00	11.06 0.35 0.00	3.65 0.12 0.00	11.06 0.36 0.00	30.89 0.94 0.00	33.16 0.97 0.00	31.93 0.77 0.00	30.01 0.53 0.00	31.97 0.48 0.00	29.30 0.46 0.00	29.28 0.34 0.00	29.58 0.51 0.00	31.37 0.63 0.00	33.67 0.74 0.00	37.23 0.91 0.00	38.64 1.02 0.00	47.84 1.45 0.00	47.64 1.43 0.00	47.23 1.45 0.00	31.22 1.01 0.00	21.24 0.75 0.00	26.94 0.95 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.18 -1.40 1.46	25.85 -1.36 0.00	25.65 -1.27 0.00	10.21 -0.51 0.00	3.36 -0.17 0.00	10.06 -0.50 0.15	21.15 -1.31 7.50	18.35 -1.46 12.38	17.76 -1.25 12.15	16.86 -1.23 11.39	19.01 -1.30 11.18	15.20 -1.50 12.15	21.01 -1.24 6.68	17.16 -1.26 10.65	20.69 -1.17 8.87	31.37 -1.56 0.00	34.52 -1.80 0.00	35.44 -2.18 0.00	43.45 -2.94 0.00	43.78 -2.42 0.00	43.31 -2.47 0.00	28.57 -1.64 0.00	19.37 -1.12 0.00	25.28 -0.70 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.01 1.97 0.00	29.12 1.91 0.00	28.59 1.68 0.00	11.42 0.70 0.00	3.77 0.24 0.00	11.44 0.73 0.00	31.86 1.91 0.00	34.37 2.18 0.00	33.36 2.20 0.00	31.55 2.08 0.00	33.76 2.27 0.00	31.04 2.20 0.00	31.19 2.25 0.00	31.29 2.22 0.00	32.96 2.23 0.00	35.34 2.41 0.00	38.99 2.68 0.00	40.45 2.83 0.00	49.70 3.31 0.00	49.14 2.94 0.00	48.61 2.83 0.00	32.10 1.88 0.00	21.98 1.48 0.00	27.90 1.91 0.00
PEEKSKILL___ 23653	29.84 1.81 0.00	28.97 1.75 0.00	28.43 1.51 0.00	11.36 0.64 0.00	3.75 0.22 0.00	11.37 0.66 0.00	31.66 1.70 0.00	34.12 1.93 0.00	33.12 1.95 0.00	31.33 1.85 0.00	33.53 2.04 0.00	30.83 1.98 0.00	30.96 2.02 0.00	31.06 1.99 0.00	32.73 2.00 0.00	35.12 2.20 0.00	38.73 2.42 0.00	40.16 2.54 0.00	49.32 2.93 0.00	48.75 2.54 0.00	48.21 2.44 0.00	31.85 1.64 0.00	21.82 1.33 0.00	27.73 1.75 0.00
PGE MADISON___WINDPWR 24146	28.73 0.40 -0.29	27.78 0.57 0.00	27.45 0.53 0.00	10.92 0.20 0.00	3.60 0.07 0.00	11.06 0.32 -0.03	32.67 1.19 -1.52	35.82 1.13 -2.51	34.52 0.89 -2.47	32.33 0.55 -2.31	34.22 0.45 -2.28	31.62 0.31 -2.46	31.01 0.71 -1.37	32.20 0.95 -2.17	33.61 1.03 -1.84	33.75 0.81 0.00	37.06 0.74 0.00	38.86 1.24 0.00	48.33 1.94 0.00	48.60 2.40 0.00	48.22 2.44 0.00	31.79 1.58 0.00	21.50 1.01 0.00	27.54 1.55 0.00

PIERCEFIELD___HYD 23852	27.07 -0.97 0.00	26.32 -0.89 0.00	26.21 -0.71 0.00	10.41 -0.31 0.00	3.41 -0.12 0.00	10.41 -0.30 0.00	29.41 -0.55 0.00	31.56 -0.62 0.00	30.48 -0.69 0.00	28.83 -0.65 0.00	30.79 -0.70 0.00	28.12 -0.72 0.00	28.12 -0.82 0.00	28.17 -0.90 0.00	30.09 -0.64 0.00	32.34 -0.60 0.00	35.60 -0.72 0.00	36.58 -1.04 0.00	45.19 -1.20 0.00	45.39 -0.81 0.00	45.18 -0.60 0.00	29.73 -0.49 0.00	19.88 -0.62 0.00	24.97 -1.02 0.00
PINELAWN_CC_1 323563	54.80 2.82 -23.95	46.66 2.73 -16.71	33.05 2.46 -3.67	15.29 1.01 -3.56	24.94 0.35 -21.06	54.88 1.06 -43.12	50.92 2.82 -18.14	35.25 3.06 0.00	34.27 3.10 -0.02	32.94 2.60 -0.86	45.83 2.93 -11.42	47.80 2.74 -16.21	50.84 2.76 -19.14	51.67 2.71 -19.89	53.91 2.69 -20.48	46.48 2.90 -10.66	45.02 3.10 -5.61	43.73 3.03 -3.07	52.50 3.63 -2.48	55.72 3.28 -6.24	53.71 3.14 -4.78	33.79 2.04 -1.54	29.56 1.83 -7.24	36.25 2.59 -7.67
PJM_GEN_HTP_PROXY 323702	30.10 2.06 0.00	29.21 2.00 0.00	28.64 1.72 0.00	11.45 0.73 0.00	3.78 0.26 0.00	11.00 0.77 0.47	32.97 1.96 -1.05	34.43 2.24 0.00	33.47 2.30 0.00	31.68 2.20 0.00	33.87 2.38 0.00	31.14 2.30 0.00	31.28 2.34 0.00	31.37 2.30 0.00	33.04 2.30 0.00	35.43 2.50 0.00	39.06 2.74 0.00	40.48 2.86 0.00	49.67 3.28 0.00	49.07 2.87 0.00	48.54 2.77 0.00	32.45 1.85 -0.38	21.97 1.48 0.00	27.96 1.97 0.00
PJM_GEN_KEystone 24065	27.99 0.27 0.31	27.51 0.30 0.00	27.10 0.18 0.00	10.82 0.10 0.00	3.57 0.04 0.00	10.31 0.11 0.51	29.65 0.27 0.57	29.81 0.30 2.67	28.92 0.39 2.63	27.37 0.36 2.46	29.48 0.41 2.42	26.50 0.29 2.63	27.91 0.43 1.45	27.14 0.38 2.30	29.21 0.40 1.92	33.30 0.37 0.00	36.51 0.19 0.00	37.65 0.03 0.00	46.21 -0.18 0.00	46.03 -0.17 0.00	45.50 -0.28 0.00	30.42 -0.17 -0.38	20.52 0.03 0.00	26.36 0.38 0.00
PJM_GEN_NEPTUNE_PROXY 323594	54.50 2.51 -23.95	46.55 2.44 -16.90	32.87 2.17 -3.79	15.29 0.90 -3.68	25.61 0.31 -21.77	54.87 0.94 -43.23	51.59 2.44 -19.19	34.85 2.66 0.00	33.89 2.71 -0.01	32.02 2.45 -0.09	40.35 2.81 -6.06	40.16 2.69 -8.63	38.40 2.74 -6.73	38.23 2.71 -6.45	38.42 2.74 -4.94	39.38 2.97 -3.48	38.71 3.20 0.81	36.67 3.22 4.18	46.40 3.84 3.83	47.73 3.49 1.96	47.36 3.35 1.77	25.35 2.18 7.04	21.23 1.80 1.06	29.10 2.33 -0.79
PJM_GEN_VFT_PROXY 323633	30.05 2.01 0.00	29.15 1.93 0.00	28.54 1.62 0.00	11.40 0.69 0.00	3.77 0.24 0.00	10.95 0.73 0.47	32.85 1.85 -1.05	34.02 2.13 0.30	31.94 2.20 1.42	29.94 2.11 1.64	32.36 2.29 1.42	29.45 2.23 1.63	29.58 2.28 1.63	29.69 2.24 1.62	31.51 2.24 1.46	34.16 2.45 1.22	38.14 2.68 0.85	39.71 2.79 0.71	49.40 3.20 0.19	48.99 2.79 0.00	48.48 2.71 0.00	31.54 1.83 0.50	21.95 1.45 0.00	27.91 1.92 0.00
PLATSBURG_115KV_PMLD1 355749	28.09 0.06 0.00	27.31 0.10 0.00	27.18 0.27 0.00	10.81 0.09 0.00	3.55 0.02 0.00	10.83 0.12 0.00	30.28 0.32 0.00	32.56 0.38 0.00	31.44 0.28 0.00	29.87 0.40 0.00	31.92 0.43 0.00	29.09 0.25 0.00	29.32 0.38 0.00	29.19 0.11 0.00	31.16 0.43 0.00	33.43 0.50 0.00	36.74 0.42 0.00	37.94 0.32 0.00	46.71 0.32 0.00	47.00 0.79 0.00	46.72 0.94 0.00	30.78 0.56 0.00	20.61 0.12 0.00	25.96 -0.02 0.00
PLEASANTVLY___LBMP 24000	29.65 1.61 0.00	28.79 1.57 0.00	28.27 1.36 0.00	11.30 0.58 0.00	3.73 0.20 0.00	11.30 0.59 0.00	31.44 1.49 0.00	33.87 1.68 0.00	32.86 1.70 0.00	31.07 1.60 0.00	33.24 1.75 0.00	30.56 1.72 0.00	30.68 1.74 0.00	30.78 1.71 0.00	32.44 1.71 0.00	34.79 1.86 0.00	38.37 2.05 0.00	39.79 2.17 0.00	48.93 2.54 0.00	48.39 2.18 0.00	47.87 2.09 0.00	31.63 1.42 0.00	21.68 1.19 0.00	27.55 1.56 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.94 1.90 0.00	29.06 1.85 0.00	28.51 1.59 0.00	11.39 0.67 0.00	3.76 0.23 0.00	11.41 0.70 0.00	31.75 1.80 0.00	34.24 2.05 0.00	33.25 2.08 0.00	31.45 1.97 0.00	33.66 2.17 0.00	30.95 2.11 0.00	31.08 2.14 0.00	31.18 2.10 0.00	32.85 2.12 0.00	35.23 2.30 0.00	38.84 2.53 0.00	40.27 2.65 0.00	49.46 3.07 0.00	48.89 2.69 0.00	48.35 2.57 0.00	31.95 1.73 0.00	21.89 1.40 0.00	27.82 1.83 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.94 1.90 0.00	29.06 1.85 0.00	28.51 1.59 0.00	11.39 0.67 0.00	3.76 0.23 0.00	11.41 0.70 0.00	31.75 1.80 0.00	34.24 2.05 0.00	33.25 2.08 0.00	31.45 1.97 0.00	33.66 2.17 0.00	30.95 2.11 0.00	31.08 2.14 0.00	31.18 2.10 0.00	32.85 2.12 0.00	35.23 2.30 0.00	38.84 2.53 0.00	40.27 2.65 0.00	49.46 3.07 0.00	48.89 2.69 0.00	48.35 2.57 0.00	31.95 1.73 0.00	21.89 1.40 0.00	27.82 1.83 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.84 1.80 0.00	28.96 1.75 0.00	28.44 1.53 0.00	11.36 0.64 0.00	3.75 0.22 0.00	11.37 0.66 0.00	31.67 1.71 0.00	34.13 1.94 0.00	33.11 1.95 0.00	31.29 1.82 0.00	33.47 1.98 0.00	30.77 1.92 0.00	30.90 1.97 0.00	31.01 1.95 0.00	32.69 1.96 0.00	35.02 2.09 0.00	38.64 2.33 0.00	40.12 2.50 0.00	49.36 2.97 0.00	48.83 2.62 0.00	48.32 2.54 0.00	31.92 1.71 0.00	21.86 1.37 0.00	27.75 1.76 0.00
POLETTI____ 23519	30.07 2.04 0.00	29.19 1.98 0.00	28.61 1.69 0.00	11.44 0.72 0.00	3.78 0.25 0.00	11.46 0.76 0.00	31.87 1.92 0.00	34.37 2.18 0.00	33.42 2.25 0.00	31.64 2.16 0.00	33.83 2.34 0.00	31.14 2.30 0.00	31.28 2.34 0.00	31.37 2.30 0.00	33.02 2.28 0.00	35.40 2.47 0.00	39.01 2.70 0.00	40.43 2.80 0.00	49.61 3.22 0.00	48.98 2.78 0.00	48.46 2.68 0.00	32.04 1.82 0.00	21.95 1.46 0.00	27.92 1.94 0.00
POMONA___ESR 323819	29.82 1.79 0.00	28.95 1.73 0.00	28.40 1.48 0.00	11.35 0.63 0.00	3.75 0.22 0.00	11.36 0.66 0.00	31.65 1.70 0.00	34.10 1.91 0.00	33.08 1.92 0.00	31.32 1.84 0.00	33.52 2.03 0.00	30.83 1.98 0.00	30.96 2.03 0.00	31.06 1.99 0.00	32.75 2.02 0.00	35.14 2.21 0.00	38.77 2.45 0.00	40.19 2.57 0.00	49.33 2.94 0.00	48.79 2.59 0.00	48.24 2.47 0.00	31.86 1.65 0.00	21.83 1.34 0.00	27.73 1.74 0.00
PORT_JEFF_3 23555	54.97 2.98 -23.95	46.96 2.91 -16.84	33.31 2.65 -3.75	15.44 1.08 -3.64	25.43 0.38 -21.52	55.34 1.13 -43.50	51.12 3.02 -18.14	35.48 3.30 0.00	34.53 3.34 -0.03	32.82 2.95 -0.39	42.92 3.39 -8.04	43.50 3.22 -11.43	43.47 3.23 -11.30	43.70 3.23 -11.39	44.71 3.32 -10.65	51.84 3.58 -15.33	41.62 3.74 -1.56	43.91 3.69 -2.60	50.94 4.44 -0.12	51.30 4.04 -1.05	50.33 3.91 -0.64	28.61 2.50 4.10	24.58 2.07 -2.02	32.02 2.70 -3.34
PORT_JEFF_4 23616	54.97 2.98 -23.95	46.96 2.91 -16.84	33.31 2.65 -3.75	15.44 1.08 -3.64	25.43 0.38 -21.52	55.34 1.13 -43.50	51.12 3.02 -18.14	35.48 3.30 0.00	34.53 3.34 -0.03	32.82 2.95 -0.39	42.92 3.39 -8.04	43.50 3.22 -11.43	43.47 3.23 -11.30	43.70 3.23 -11.39	44.71 3.32 -10.65	51.84 3.58 -15.33	41.62 3.74 -1.56	43.91 3.69 -2.60	50.94 4.44 -0.12	51.30 4.04 -1.05	50.33 3.91 -0.64	28.61 2.50 4.10	24.58 2.07 -2.02	32.02 2.70 -3.34

PORT_JEFF_IC 23713	55.02 3.03 -23.95	46.99 2.95 -16.83	33.34 2.68 -3.74	15.45 1.10 -3.63	25.41 0.38 -21.50	55.34 1.15 -43.48	51.17 3.07 -18.14	35.54 3.36 0.00	34.60 3.40 -0.03	32.90 3.01 -0.42	43.12 3.45 -8.18	43.76 3.29 -11.63	43.85 3.30 -11.62	44.10 3.29 -11.74	45.17 3.38 -11.06	53.54 3.66 -16.95	41.79 3.75 -1.73	44.75 3.71 -3.43	51.37 4.46 -0.53	51.51 4.05 -1.26	50.50 3.91 -0.81	28.84 2.50 3.87	24.83 2.11 -2.23	32.25 2.74 -3.52
PPL PILGRIM_ST_GT1 24216	54.90 2.92 -23.95	46.88 2.85 -16.81	33.23 2.58 -3.73	15.40 1.06 -3.62	25.33 0.37 -21.44	55.24 1.11 -43.43	51.04 2.95 -18.14	35.37 3.19 0.00	34.40 3.22 -0.02	32.78 2.83 -0.48	43.54 3.30 -8.75	44.43 3.14 -12.44	45.03 3.15 -12.94	45.38 3.14 -13.17	46.64 3.23 -12.68	45.04 3.43 -8.68	42.35 3.64 -2.39	41.27 3.47 -0.18	50.17 4.16 0.38	52.12 3.78 -2.14	50.95 3.67 -1.51	29.74 2.43 2.91	25.63 2.01 -3.13	32.89 2.64 -4.26
PPL PILGRIM_ST_GT2 24217	54.90 2.92 -23.95	46.88 2.85 -16.81	33.23 2.58 -3.73	15.40 1.06 -3.62	25.33 0.37 -21.44	55.24 1.11 -43.43	51.04 2.95 -18.14	35.37 3.19 0.00	34.40 3.22 -0.02	32.78 2.83 -0.48	43.54 3.30 -8.75	44.43 3.14 -12.44	45.03 3.15 -12.94	45.38 3.14 -13.17	46.64 3.23 -12.68	45.04 3.43 -8.68	42.35 3.64 -2.39	41.27 3.47 -0.18	50.17 4.16 0.38	52.12 3.78 -2.14	50.95 3.67 -1.51	29.74 2.43 2.91	25.63 2.01 -3.13	32.89 2.64 -4.26
PPL_SHRM_GT3 24213	55.30 3.31 -23.95	47.24 3.19 -16.83	33.58 2.92 -3.74	15.54 1.18 -3.63	25.45 0.41 -21.51	55.45 1.26 -43.49	51.50 3.40 -18.14	35.91 3.72 0.00	34.97 3.78 -0.03	33.21 3.33 -0.41	43.37 3.77 -8.11	43.92 3.54 -11.53	43.94 3.54 -11.46	44.19 3.55 -11.57	45.25 3.66 -10.86	52.60 4.02 -15.65	42.24 4.27 -1.65	44.68 4.26 -2.80	51.79 5.16 -0.24	52.09 4.73 -1.16	51.10 4.60 -0.73	29.11 2.88 3.99	24.91 2.29 -2.13	32.34 2.92 -3.43
PPL_SHRM_GT4 24214	55.30 3.31 -23.95	47.24 3.19 -16.83	33.58 2.92 -3.74	15.54 1.18 -3.63	25.45 0.41 -21.51	55.45 1.26 -43.49	51.50 3.40 -18.14	35.91 3.72 0.00	34.97 3.78 -0.03	33.21 3.33 -0.41	43.37 3.77 -8.11	43.92 3.54 -11.53	43.94 3.54 -11.46	44.19 3.55 -11.57	45.25 3.66 -10.86	52.60 4.02 -15.65	42.24 4.27 -1.65	44.68 4.26 -2.80	51.79 5.16 -0.24	52.09 4.73 -1.16	51.10 4.60 -0.73	29.11 2.88 3.99	24.91 2.29 -2.13	32.34 2.92 -3.43
PROJECT___ORANGE 1 24174	27.69 -0.35 0.00	26.87 -0.35 0.00	26.54 -0.38 0.00	10.57 -0.15 0.00	3.48 -0.04 0.00	10.57 -0.14 0.00	29.53 -0.42 0.00	31.78 -0.40 0.00	30.85 -0.31 0.00	29.17 -0.31 0.00	31.15 -0.34 0.00	28.48 -0.37 0.00	28.59 -0.35 0.00	28.74 -0.33 0.00	30.41 -0.33 0.00	32.53 -0.39 0.00	35.89 -0.43 0.00	37.18 -0.44 0.00	45.84 -0.55 0.00	45.66 -0.54 0.00	45.21 -0.56 0.00	29.86 -0.36 0.00	20.31 -0.19 0.00	25.89 -0.10 0.00
PROJECT___ORANGE 2 24166	27.69 -0.35 0.00	26.87 -0.35 0.00	26.54 -0.38 0.00	10.57 -0.15 0.00	3.48 -0.04 0.00	10.57 -0.14 0.00	29.53 -0.42 0.00	31.78 -0.40 0.00	30.85 -0.31 0.00	29.17 -0.31 0.00	31.15 -0.34 0.00	28.48 -0.37 0.00	28.59 -0.35 0.00	28.74 -0.33 0.00	30.41 -0.33 0.00	32.53 -0.39 0.00	35.89 -0.43 0.00	37.18 -0.44 0.00	45.84 -0.55 0.00	45.66 -0.54 0.00	45.21 -0.56 0.00	29.86 -0.36 0.00	20.31 -0.19 0.00	25.89 -0.10 0.00
PUCKETT___SOLAR 323809	28.04 0.01 0.00	27.23 0.01 0.00	26.87 -0.05 0.00	10.71 -0.01 0.00	3.53 0.00 0.00	10.73 0.02 0.00	30.09 0.13 0.00	32.34 0.15 0.00	31.30 0.13 0.00	29.53 0.06 0.00	31.56 0.06 -0.01	28.78 -0.06 0.00	29.01 0.07 0.00	29.12 0.05 0.00	30.83 0.08 -0.02	32.92 -0.01 0.00	36.24 -0.08 0.00	37.77 0.15 0.00	46.64 0.25 0.00	46.66 0.46 0.00	46.10 0.32 0.00	30.42 0.20 0.00	20.66 0.16 0.00	26.43 0.44 0.00
PYRITES___HYD 24023	27.79 -0.25 0.00	27.02 -0.19 0.00	26.91 0.00 0.00	10.69 -0.03 0.00	3.50 -0.03 0.00	10.70 0.00 0.00	30.24 0.28 0.00	32.36 0.17 0.00	31.10 -0.07 0.00	29.36 -0.12 0.00	31.37 -0.12 0.00	28.69 -0.15 0.00	28.58 -0.35 0.00	28.60 -0.47 0.00	30.74 0.01 0.00	33.14 0.20 0.00	36.46 0.14 0.00	37.59 -0.03 0.00	46.47 0.08 0.00	46.74 0.53 0.00	46.59 0.81 0.00	30.62 0.41 0.00	20.43 -0.06 0.00	25.64 -0.34 0.00
QUAKERRD_115KV_BK1 80622	26.49 -1.55 0.00	25.76 -1.45 0.00	25.50 -1.41 0.00	10.15 -0.56 0.00	3.34 -0.19 0.00	10.15 -0.56 0.00	28.35 -1.61 0.00	30.44 -1.75 0.00	29.55 -1.61 0.00	27.94 -1.54 0.00	29.82 -1.66 0.00	27.16 -1.68 0.00	27.36 -1.57 0.00	27.50 -1.57 0.00	29.16 -1.56 0.01	31.17 -1.76 0.00	34.36 -1.96 0.00	35.45 -2.17 0.00	43.59 -2.80 0.00	43.66 -2.54 0.00	43.23 -2.55 0.00	28.50 -1.71 0.00	19.32 -1.17 0.00	24.88 -1.11 0.00
QUENSBRY_115KV_TB8 356137	29.68 1.64 0.00	28.73 1.52 0.00	28.29 1.37 0.00	11.28 0.57 0.00	3.72 0.19 0.00	11.34 0.64 0.00	31.73 1.77 0.00	34.07 1.88 0.00	32.62 1.46 0.00	30.61 1.13 0.00	32.71 1.21 0.00	29.93 1.08 0.00	29.93 1.00 0.00	30.29 1.22 0.00	31.99 1.26 0.00	34.42 1.49 0.00	38.11 1.80 0.00	39.96 2.34 0.00	49.47 3.08 0.00	49.23 3.03 0.00	48.63 2.85 0.00	32.17 1.96 0.00	21.82 1.33 0.00	27.55 1.56 0.00
RAMAPO___LBMP 323565	29.71 1.68 0.00	28.84 1.63 0.00	28.30 1.38 0.00	11.31 0.59 0.00	3.74 0.21 0.00	11.32 0.61 0.00	31.54 1.59 0.00	33.98 1.80 0.00	32.97 1.81 0.00	31.20 1.72 0.00	33.39 1.90 0.00	30.70 1.86 0.00	30.83 1.90 0.00	30.94 1.87 0.00	32.62 1.89 0.00	35.00 2.06 0.00	38.60 2.29 0.00	40.03 2.41 0.00	49.13 2.74 0.00	48.58 2.38 0.00	48.06 2.28 0.00	31.73 1.52 0.00	21.74 1.25 0.00	27.63 1.64 0.00
RANKINE___ 23646	24.62 -1.71 1.70	25.57 -1.65 0.00	25.38 -1.53 0.00	10.11 -0.60 0.00	3.32 -0.21 0.00	9.93 -0.60 0.17	19.55 -1.68 8.72	15.91 -1.87 14.40	15.38 -1.65 14.14	14.63 -1.60 13.25	16.79 -1.70 13.00	12.86 -1.85 14.14	19.59 -1.57 7.77	15.10 -1.58 12.39	18.92 -1.51 10.30	31.07 -1.86 0.00	34.20 -2.12 0.00	35.09 -2.53 0.00	43.03 -3.36 0.00	43.39 -2.82 0.00	42.93 -2.85 0.00	28.32 -1.90 0.00	19.19 -1.30 0.00	25.09 -0.90 0.00
RAVENSWOOD_GT2_1 24244	30.12 2.08 0.00	29.23 2.02 0.00	28.66 1.74 0.00	11.46 0.74 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.94 1.99 0.00	34.46 2.27 0.00	33.50 2.34 0.00	31.71 2.23 0.00	33.91 2.42 0.00	31.19 2.35 0.00	31.32 2.39 0.00	31.42 2.36 0.00	33.10 2.36 0.00	35.49 2.56 0.00	39.12 2.80 0.00	40.53 2.91 0.00	49.74 3.35 0.00	49.13 2.92 0.00	48.60 2.82 0.00	32.12 1.90 0.00	22.00 1.51 0.00	27.97 1.99 0.00
RAVENSWOOD_GT2_2 24245	30.12 2.08 0.00	29.23 2.02 0.00	28.66 1.74 0.00	11.46 0.74 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.94 1.99 0.00	34.46 2.27 0.00	33.50 2.34 0.00	31.71 2.23 0.00	33.91 2.42 0.00	31.19 2.35 0.00	31.32 2.39 0.00	31.42 2.36 0.00	33.10 2.36 0.00	35.49 2.56 0.00	39.12 2.80 0.00	40.53 2.91 0.00	49.74 3.35 0.00	49.13 2.92 0.00	48.60 2.82 0.00	32.12 1.90 0.00	22.00 1.51 0.00	27.97 1.99 0.00

RAVENSWOOD_GT2_3 24246	30.13 2.09 0.00	29.24 2.03 0.00	28.67 1.75 0.00	11.46 0.74 0.00	3.79 0.26 0.00	11.49 0.78 0.00	31.96 2.00 0.00	34.47 2.28 0.00	33.51 2.34 0.00	31.72 2.24 0.00	33.93 2.44 0.00	31.21 2.36 0.00	31.34 2.41 0.00	31.44 2.37 0.00	33.12 2.38 0.00	35.51 2.58 0.00	39.13 2.82 0.00	40.56 2.94 0.00	49.76 3.37 0.00	49.16 2.95 0.00	48.62 2.84 0.00	32.13 1.91 0.00	22.01 1.52 0.00	27.99 2.01 0.00
RAVENSWOOD_GT2_4 24247	30.13 2.09 0.00	29.24 2.03 0.00	28.67 1.75 0.00	11.46 0.74 0.00	3.79 0.26 0.00	11.49 0.78 0.00	31.96 2.00 0.00	34.47 2.28 0.00	33.51 2.34 0.00	31.72 2.24 0.00	33.93 2.44 0.00	31.21 2.36 0.00	31.34 2.41 0.00	31.44 2.37 0.00	33.12 2.38 0.00	35.51 2.58 0.00	39.13 2.82 0.00	40.56 2.94 0.00	49.76 3.37 0.00	49.16 2.95 0.00	48.62 2.84 0.00	32.13 1.91 0.00	22.01 1.52 0.00	27.99 2.01 0.00
RAVENSWOOD_GT3_1 24248	30.12 2.08 0.00	29.23 2.02 0.00	28.66 1.74 0.00	11.46 0.74 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.95 1.99 0.00	34.46 2.27 0.00	33.50 2.34 0.00	31.71 2.23 0.00	33.91 2.42 0.00	31.19 2.35 0.00	31.32 2.39 0.00	31.42 2.36 0.00	33.10 2.36 0.00	35.49 2.56 0.00	39.12 2.80 0.00	40.53 2.91 0.00	49.74 3.35 0.00	49.13 2.92 0.00	48.60 2.82 0.00	32.12 1.90 0.00	22.00 1.51 0.00	27.97 1.99 0.00
RAVENSWOOD_GT3_2 24249	30.12 2.08 0.00	29.23 2.02 0.00	28.66 1.74 0.00	11.46 0.74 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.95 1.99 0.00	34.46 2.27 0.00	33.50 2.34 0.00	31.71 2.23 0.00	33.91 2.42 0.00	31.19 2.35 0.00	31.32 2.39 0.00	31.42 2.36 0.00	33.10 2.36 0.00	35.49 2.56 0.00	39.12 2.80 0.00	40.53 2.91 0.00	49.74 3.35 0.00	49.13 2.92 0.00	48.60 2.82 0.00	32.12 1.90 0.00	22.00 1.51 0.00	27.97 1.99 0.00
RAVENSWOOD_GT3_3 24250	30.16 2.12 0.00	29.27 2.05 0.00	28.70 1.78 0.00	11.47 0.75 0.00	3.79 0.26 0.00	11.49 0.79 0.00	31.99 2.04 0.00	34.51 2.32 0.00	33.54 2.38 0.00	31.75 2.28 0.00	33.97 2.47 0.00	31.24 2.40 0.00	31.38 2.44 0.00	31.47 2.40 0.00	33.15 2.42 0.00	35.55 2.62 0.00	39.17 2.85 0.00	40.60 2.98 0.00	49.82 3.43 0.00	49.21 3.01 0.00	48.68 2.90 0.00	32.16 1.95 0.00	22.03 1.54 0.00	28.02 2.03 0.00
RAVENSWOOD_GT3_4 24251	30.16 2.12 0.00	29.27 2.05 0.00	28.70 1.78 0.00	11.47 0.75 0.00	3.79 0.26 0.00	11.49 0.79 0.00	31.99 2.04 0.00	34.51 2.32 0.00	33.54 2.38 0.00	31.75 2.28 0.00	33.97 2.47 0.00	31.24 2.40 0.00	31.38 2.44 0.00	31.47 2.40 0.00	33.15 2.42 0.00	35.55 2.62 0.00	39.17 2.85 0.00	40.60 2.98 0.00	49.82 3.43 0.00	49.21 3.01 0.00	48.68 2.90 0.00	32.16 1.95 0.00	22.03 1.54 0.00	28.02 2.03 0.00
RAVENSWOOD_GT_1 23729	30.21 2.17 0.00	29.32 2.10 0.00	28.75 1.83 0.00	11.49 0.77 0.00	3.80 0.27 0.00	11.53 0.82 -0.01	32.05 2.10 0.00	35.20 2.38 -0.62	36.59 2.45 -2.98	35.28 2.36 -3.45	37.03 2.57 -2.97	34.75 2.50 -3.42	34.88 2.52 -3.42	34.97 2.49 -3.41	36.29 2.50 -3.06	38.19 2.71 -2.55	41.03 2.93 -1.79	42.15 3.05 -1.48	50.26 3.47 -0.40	49.22 3.02 0.00	48.70 2.93 0.00	34.05 1.99 -1.85	22.07 1.57 0.00	28.04 2.05 0.00
RAVENSWOOD_GT_10 24258	30.12 2.08 0.00	29.22 2.01 0.00	28.66 1.74 0.00	11.45 0.74 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.94 1.99 0.00	34.53 2.27 -0.07	33.84 2.34 -0.34	32.10 2.23 -0.40	34.25 2.42 -0.34	31.58 2.35 -0.40	31.72 2.39 -0.39	31.81 2.35 -0.39	33.45 2.36 -0.35	35.79 2.56 -0.29	39.32 2.80 -0.21	40.70 2.91 -0.17	49.78 3.35 -0.05	49.13 2.92 0.00	48.60 2.82 0.00	32.33 1.90 -0.21	22.00 1.51 0.00	27.97 1.99 0.00
RAVENSWOOD_GT_11 24259	30.12 2.08 0.00	29.22 2.01 0.00	28.66 1.74 0.00	11.45 0.74 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.94 1.99 0.00	34.53 2.27 -0.07	33.84 2.34 -0.34	32.10 2.23 -0.40	34.25 2.42 -0.34	31.58 2.35 -0.40	31.72 2.39 -0.39	31.81 2.35 -0.39	33.45 2.36 -0.35	35.79 2.56 -0.29	39.32 2.80 -0.21	40.70 2.91 -0.17	49.78 3.35 -0.05	49.13 2.92 0.00	48.60 2.82 0.00	32.33 1.90 -0.21	22.00 1.51 0.00	27.97 1.99 0.00
RAVENSWOOD_GT_4 24252	30.11 2.08 0.00	29.22 2.01 0.00	28.65 1.74 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.47 0.77 0.00	31.94 1.98 0.00	34.93 2.27 -0.47	35.75 2.32 -2.27	34.32 2.22 -2.63	36.16 2.41 -2.26	33.77 2.33 -2.60	33.92 2.38 -2.60	34.01 2.34 -2.59	35.41 2.35 -2.33	37.42 2.55 -1.94	40.46 2.78 -1.36	41.66 2.91 -1.13	50.04 3.34 -0.30	49.13 2.92 0.00	48.60 2.82 0.00	33.52 1.90 -1.41	22.00 1.51 0.00	27.97 1.99 0.00
RAVENSWOOD_GT_5 24254	30.11 2.08 0.00	29.22 2.01 0.00	28.65 1.74 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.47 0.77 0.00	31.94 1.98 0.00	34.93 2.27 -0.47	35.75 2.32 -2.27	34.32 2.22 -2.63	36.16 2.41 -2.26	33.77 2.33 -2.60	33.92 2.38 -2.60	34.01 2.34 -2.59	35.41 2.35 -2.33	37.42 2.55 -1.94	40.46 2.78 -1.36	41.66 2.91 -1.13	50.04 3.34 -0.30	49.13 2.92 0.00	48.60 2.82 0.00	33.52 1.90 -1.41	22.00 1.51 0.00	27.97 1.99 0.00
RAVENSWOOD_GT_6 24253	30.11 2.08 0.00	29.22 2.01 0.00	28.65 1.74 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.47 0.77 0.00	31.94 1.98 0.00	34.93 2.27 -0.47	35.75 2.32 -2.27	34.32 2.22 -2.63	36.16 2.41 -2.26	33.77 2.33 -2.60	33.92 2.38 -2.60	34.01 2.34 -2.59	35.41 2.35 -2.33	37.42 2.55 -1.94	40.46 2.78 -1.36	41.66 2.91 -1.13	50.04 3.34 -0.30	49.13 2.92 0.00	48.60 2.82 0.00	33.52 1.90 -1.41	22.00 1.51 0.00	27.97 1.99 0.00
RAVENSWOOD_GT_7 24255	30.11 2.08 0.00	29.22 2.01 0.00	28.65 1.74 0.00	11.45 0.73 0.00	3.79 0.26 0.00	11.47 0.77 0.00	31.94 1.98 0.00	34.93 2.27 -0.47	35.75 2.32 -2.27	34.32 2.22 -2.63	36.16 2.41 -2.26	33.77 2.33 -2.60	33.92 2.38 -2.60	34.01 2.34 -2.59	35.41 2.35 -2.33	37.42 2.55 -1.94	40.46 2.78 -1.36	41.66 2.91 -1.13	50.04 3.34 -0.30	49.13 2.92 0.00	48.60 2.82 0.00	33.52 1.90 -1.41	22.00 1.51 0.00	27.97 1.99 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.12 2.08 0.00	29.22 2.01 0.00	28.66 1.74 0.00	11.45 0.74 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.94 1.99 0.00	34.53 2.27 -0.07	33.84 2.34 -0.34	32.10 2.23 -0.40	34.25 2.42 -0.34	31.58 2.35 -0.40	31.72 2.39 -0.39	31.81 2.35 -0.39	33.45 2.36 -0.35	35.79 2.56 -0.29	39.32 2.80 -0.21	40.70 2.91 -0.17	49.78 3.35 -0.05	49.13 2.92 0.00	48.60 2.82 0.00	32.33 1.90 -0.21	22.00 1.51 0.00	27.97 1.99 0.00
RAVENSWOOD_GT_9 24257	30.12 2.08 0.00	29.22 2.01 0.00	28.66 1.74 0.00	11.45 0.74 0.00	3.79 0.26 0.00	11.48 0.77 0.00	31.94 1.99 0.00	34.53 2.27 -0.07	33.84 2.34 -0.34	32.10 2.23 -0.40	34.25 2.42 -0.34	31.58 2.35 -0.40	31.72 2.39 -0.39	31.81 2.35 -0.39	33.45 2.36 -0.35	35.79 2.56 -0.29	39.32 2.80 -0.21	40.70 2.91 -0.17	49.78 3.35 -0.05	49.13 2.92 0.00	48.60 2.82 0.00	32.33 1.90 -0.21	22.00 1.51 0.00	27.97 1.99 0.00

RAVENSWOOD___1 23533	30.18 2.14 0.00	29.29 2.07 0.00	28.71 1.79 0.00	11.48 0.76 0.00	3.80 0.27 0.00	11.51 0.80 -0.01	32.00 2.04 0.00	33.89 2.32 0.61	30.62 2.39 2.93	28.36 2.29 3.40	31.06 2.49 2.93	27.91 2.42 3.36	28.02 2.45 3.37	28.14 2.43 3.36	30.16 2.45 3.01	33.07 2.66 2.51	37.43 2.87 1.76	39.14 2.98 1.46	49.40 3.40 0.39	49.16 2.96 0.00	48.64 2.87 0.00	30.34 1.95 1.82	22.04 1.55 0.00	28.00 2.01 0.00
RAVENSWOOD___2 23534	30.18 2.14 0.00	29.29 2.07 0.00	28.71 1.79 0.00	11.48 0.76 0.00	3.80 0.27 0.00	11.51 0.80 -0.01	32.00 2.04 0.00	33.89 2.32 0.61	30.62 2.39 2.93	28.36 2.29 3.40	31.06 2.49 2.93	27.91 2.42 3.36	28.02 2.45 3.37	28.14 2.43 3.36	30.16 2.45 3.01	33.07 2.66 2.51	37.43 2.87 1.76	39.14 2.98 1.46	49.40 3.40 0.39	49.16 2.96 0.00	48.64 2.87 0.00	30.34 1.95 1.82	22.04 1.55 0.00	28.00 2.01 0.00
RAVENSWOOD___3 23535	30.12 2.09 0.00	29.23 2.02 0.00	28.66 1.75 0.00	11.46 0.74 0.00	3.79 0.26 0.00	11.48 0.78 0.00	31.94 1.99 0.00	34.45 2.27 0.00	33.48 2.32 0.00	31.70 2.22 0.00	33.91 2.42 0.00	31.19 2.34 0.00	31.32 2.38 0.00	31.42 2.35 0.00	33.09 2.36 0.00	35.49 2.56 0.00	39.12 2.80 0.00	40.53 2.91 0.00	49.75 3.36 0.00	49.13 2.92 0.00	48.60 2.83 0.00	32.12 1.91 0.00	22.00 1.51 0.00	27.97 1.99 0.00
RAVENSWOOD___4 23820	30.18 2.14 0.00	29.29 2.07 0.00	28.71 1.79 0.00	11.48 0.76 0.00	3.80 0.27 0.00	11.51 0.80 -0.01	32.00 2.04 0.00	33.89 2.32 0.61	30.62 2.39 2.93	28.36 2.29 3.40	31.06 2.49 2.93	27.91 2.42 3.36	28.02 2.45 3.37	28.14 2.43 3.36	30.16 2.45 3.01	33.07 2.66 2.51	37.43 2.87 1.76	39.14 2.98 1.46	49.40 3.40 0.39	49.16 2.96 0.00	48.64 2.87 0.00	30.34 1.95 1.82	22.04 1.55 0.00	28.00 2.01 0.00
RCPL_TRUST___DRP 24196	30.10 2.06 0.00	29.21 1.99 0.00	28.64 1.72 0.00	11.45 0.73 0.00	3.78 0.26 0.00	11.47 0.77 0.00	31.92 1.97 0.00	34.44 2.25 0.00	33.47 2.31 0.00	31.68 2.20 0.00	33.88 2.39 0.00	31.15 2.31 0.00	31.29 2.35 0.00	31.38 2.31 0.00	33.05 2.31 0.00	35.44 2.51 0.00	39.06 2.74 0.00	40.48 2.86 0.00	49.67 3.28 0.00	49.07 2.86 0.00	48.54 2.76 0.00	32.07 1.85 0.00	21.97 1.48 0.00	27.96 1.97 0.00
RED___ROCHESTER 323720	27.10 -0.94 0.00	26.33 -0.88 0.00	26.08 -0.84 0.00	10.38 -0.34 0.00	3.41 -0.11 0.00	10.37 -0.33 0.00	29.00 -0.95 0.00	31.16 -1.02 0.00	30.29 -0.87 0.00	28.62 -0.85 0.00	30.55 -0.94 0.00	27.80 -1.04 0.00	28.02 -0.91 0.00	28.21 -0.86 0.00	29.91 -0.81 0.01	31.90 -1.03 0.00	35.16 -1.16 0.00	36.24 -1.38 0.00	44.55 -1.84 0.00	44.68 -1.52 0.00	44.24 -1.54 0.00	29.17 -1.05 0.00	19.74 -0.75 0.00	25.49 -0.49 0.00
REGAN___SOLAR 323812	29.37 1.34 0.00	28.48 1.27 0.00	28.14 1.22 0.00	11.20 0.48 0.00	3.69 0.16 0.00	11.21 0.51 0.00	31.38 1.43 0.00	33.71 1.52 0.00	32.00 0.84 0.00	29.94 0.47 0.00	32.09 0.60 0.00	29.29 0.44 0.00	29.17 0.24 0.00	29.54 0.47 0.00	31.48 0.74 0.00	34.12 1.19 0.00	37.73 1.42 0.00	38.93 1.31 0.00	48.44 2.05 0.00	48.54 2.34 0.00	48.25 2.48 0.00	31.84 1.63 0.00	21.54 1.05 0.00	27.28 1.29 0.00
RENSSELAER___COGEN 23796	28.63 0.60 0.00	27.78 0.57 0.00	27.37 0.45 0.00	10.92 0.21 0.00	3.60 0.07 0.00	10.92 0.22 0.00	30.42 0.47 0.00	32.66 0.47 0.00	31.51 0.35 0.00	29.72 0.25 0.00	31.77 0.28 0.00	29.20 0.36 0.00	29.20 0.27 0.00	29.42 0.35 0.00	30.97 0.24 0.00	33.17 0.24 0.00	36.63 0.31 0.00	38.09 0.47 0.00	47.05 0.67 0.00	46.68 0.48 0.00	46.16 0.39 0.00	30.60 0.39 0.00	21.00 0.51 0.00	26.66 0.67 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.45 2.41 0.00	29.41 2.19 0.00	28.94 2.02 0.00	11.56 0.84 0.00	3.81 0.28 0.00	11.67 0.97 0.00	32.70 2.75 0.00	35.03 2.84 0.00	33.10 1.93 0.00	30.89 1.41 0.00	33.08 1.59 0.00	30.13 1.28 0.00	30.20 1.26 0.00	30.57 1.49 0.00	32.28 1.55 0.00	34.98 2.05 0.00	38.94 2.63 0.00	41.09 3.47 0.00	50.62 4.23 0.00	50.76 4.56 0.00	50.13 4.35 0.00	33.18 2.97 0.00	22.36 1.87 0.00	28.01 2.03 0.00
REVERE_CPPR_DRP 24186	28.59 0.55 0.00	27.70 0.49 0.00	27.37 0.45 0.00	10.90 0.18 0.00	3.59 0.06 0.00	10.92 0.22 0.00	30.66 0.70 0.00	33.14 0.96 0.00	32.07 0.91 0.00	30.19 0.71 0.00	32.26 0.77 0.00	29.42 0.57 0.00	29.44 0.51 0.00	29.68 0.61 0.00	31.42 0.69 0.00	33.59 0.66 0.00	37.11 0.80 0.00	38.47 0.85 0.00	47.50 1.11 0.00	47.45 1.25 0.00	47.03 1.26 0.00	31.07 0.85 0.00	21.06 0.57 0.00	26.67 0.68 0.00
REYNLDPA_13_KV_LD 356490	27.99 -0.05 0.00	27.21 0.00 0.00	27.07 0.15 0.00	10.75 0.04 0.00	3.53 0.00 0.00	10.73 0.03 0.00	30.14 0.19 0.00	32.35 0.16 0.00	31.33 0.16 0.00	29.69 0.21 0.00	31.73 0.24 0.00	29.03 0.18 0.00	29.13 0.19 0.00	29.18 0.10 0.00	31.03 0.29 0.00	33.29 0.36 0.00	36.66 0.35 0.00	37.83 0.21 0.00	46.58 0.19 0.00	46.66 0.45 0.00	46.36 0.59 0.00	30.51 0.30 0.00	20.46 -0.03 0.00	25.82 -0.17 0.00
REYNOLDS_115KV_TB3 80639	28.83 0.79 0.00	27.96 0.75 0.00	27.55 0.64 0.00	11.00 0.28 0.00	3.63 0.10 0.00	10.99 0.29 0.00	30.62 0.67 0.00	32.88 0.69 0.00	31.68 0.52 0.00	29.88 0.40 0.00	31.92 0.43 0.00	29.38 0.54 0.00	29.35 0.42 0.00	29.56 0.49 0.00	31.09 0.36 0.00	33.28 0.34 0.00	36.80 0.49 0.00	38.32 0.70 0.00	47.40 1.01 0.00	47.00 0.80 0.00	46.48 0.70 0.00	30.82 0.61 0.00	21.14 0.65 0.00	26.83 0.84 0.00
RIVERBAY____ 323610	30.76 2.73 0.00	29.90 2.68 0.00	29.29 2.37 0.00	11.72 1.00 0.00	3.87 0.35 0.00	11.77 1.06 -0.01	32.78 2.83 0.00	35.37 3.18 0.00	34.35 3.19 0.00	32.45 2.97 0.00	34.76 3.27 0.00	31.95 3.10 0.00	32.04 3.11 0.00	32.15 3.08 0.00	33.83 3.10 0.00	36.30 3.37 0.00	39.89 3.57 0.00	41.30 3.68 0.00	50.68 4.29 0.00	50.04 3.83 0.00	49.53 3.75 0.00	32.73 2.52 0.00	22.44 1.95 0.00	28.54 2.55 0.00
RIVERSDE_115KV_TB3 55908	28.75 0.71 0.00	27.89 0.67 0.00	27.48 0.56 0.00	10.97 0.25 0.00	3.62 0.09 0.00	10.96 0.26 0.00	30.54 0.59 0.00	32.79 0.61 0.00	31.62 0.46 0.00	29.83 0.36 0.00	31.88 0.39 0.00	29.33 0.49 0.00	29.32 0.38 0.00	29.53 0.46 0.00	31.08 0.34 0.00	33.27 0.34 0.00	36.77 0.45 0.00	38.25 0.63 0.00	47.28 0.89 0.00	46.89 0.68 0.00	46.38 0.60 0.00	30.74 0.52 0.00	21.09 0.59 0.00	26.76 0.78 0.00
ROARING___BROOK_WT_PWR 323790	27.40 -0.64 0.00	26.65 -0.57 0.00	26.51 -0.41 0.00	10.58 -0.14 0.00	3.48 -0.05 0.00	10.51 -0.20 0.00	29.48 -0.47 0.00	31.78 -0.41 0.00	30.70 -0.46 0.00	29.05 -0.43 0.00	30.94 -0.55 0.00	28.28 -0.56 0.00	28.29 -0.65 0.00	28.53 -0.54 0.00	30.06 -0.67 0.00	32.23 -0.70 0.00	35.56 -0.75 0.00	36.83 -0.79 0.00	45.38 -1.02 0.00	45.30 -0.90 0.00	44.96 -0.82 0.00	29.74 -0.47 0.00	20.13 -0.37 0.00	25.45 -0.54 0.00

ROCHESRG_115KV_T4 355643	26.80 -1.24 0.00	26.06 -1.15 0.00	25.83 -1.09 0.00	10.28 -0.44 0.00	3.38 -0.15 0.00	10.26 -0.44 0.00	28.66 -1.29 0.00	29.60 -1.42 1.16	28.61 -1.28 1.27	26.48 -1.24 1.76	28.41 -1.34 1.74	25.54 -1.42 1.88	27.34 -1.28 0.32	27.81 -1.25 0.00	29.51 -1.22 0.01	31.51 -1.42 0.00	34.72 -1.60 0.00	35.77 -1.85 0.00	43.97 -2.43 0.00	44.10 -2.10 0.00	43.67 -2.11 0.00	28.80 -1.41 0.00	19.51 -0.98 0.00	25.21 -0.77 0.00
ROCHESTER_9_IC 23652	26.94 -1.09 0.00	26.20 -1.01 0.00	25.96 -0.96 0.00	10.33 -0.38 0.00	3.40 -0.13 0.00	10.32 -0.39 0.00	28.83 -1.12 0.00	30.96 -1.23 0.00	30.07 -1.09 0.00	28.43 -1.05 0.00	30.34 -1.15 0.00	27.60 -1.25 0.00	27.83 -1.10 0.00	27.99 -1.08 0.00	29.70 -1.03 0.01	31.71 -1.22 0.00	34.95 -1.36 0.00	36.02 -1.60 0.00	44.26 -2.13 0.00	44.40 -1.80 0.00	43.96 -1.82 0.00	28.99 -1.22 0.00	19.63 -0.86 0.00	25.36 -0.63 0.00
ROCKVIEW_13_KV_LD 356306	30.09 2.05 0.00	29.20 1.99 0.00	28.65 1.73 0.00	11.45 0.73 0.00	3.78 0.26 0.00	11.47 0.76 0.00	31.92 1.97 0.00	34.42 2.24 0.00	33.45 2.29 0.00	31.64 2.17 0.00	33.90 2.41 0.00	31.16 2.31 0.00	31.31 2.38 0.00	31.37 2.30 0.00	33.06 2.33 0.00	35.46 2.53 0.00	39.09 2.78 0.00	40.56 2.94 0.00	49.74 3.35 0.00	49.16 2.95 0.00	48.62 2.84 0.00	32.11 1.89 0.00	21.99 1.50 0.00	27.97 1.98 0.00
ROME____115KV_TB2 80656	28.59 0.55 0.00	27.70 0.49 0.00	27.37 0.45 0.00	10.90 0.18 0.00	3.59 0.06 0.00	10.92 0.22 0.00	30.66 0.70 0.00	33.14 0.96 0.00	32.07 0.91 0.00	30.19 0.71 0.00	32.26 0.77 0.00	29.42 0.57 0.00	29.44 0.51 0.00	29.68 0.61 0.00	31.42 0.69 0.00	33.59 0.66 0.00	37.11 0.80 0.00	38.47 0.85 0.00	47.50 1.11 0.00	47.45 1.25 0.00	47.03 1.26 0.00	31.07 0.85 0.00	21.06 0.57 0.00	26.67 0.68 0.00
ROSETON___1 23587	29.67 1.63 0.00	28.80 1.59 0.00	28.28 1.36 0.00	11.30 0.58 0.00	3.73 0.20 0.00	11.30 0.60 0.00	31.46 1.51 0.00	33.90 1.71 0.00	32.89 1.72 0.00	31.11 1.63 0.00	33.28 1.79 0.00	30.60 1.76 0.00	30.72 1.79 0.00	30.83 1.76 0.00	32.50 1.76 0.00	34.85 1.92 0.00	38.44 2.13 0.00	39.86 2.24 0.00	48.99 2.60 0.00	48.45 2.25 0.00	47.93 2.15 0.00	31.67 1.46 0.00	21.70 1.21 0.00	27.57 1.58 0.00
ROSETON___2 23588	29.67 1.63 0.00	28.80 1.59 0.00	28.28 1.36 0.00	11.30 0.58 0.00	3.73 0.20 0.00	11.30 0.60 0.00	31.46 1.51 0.00	33.90 1.71 0.00	32.89 1.72 0.00	31.11 1.63 0.00	33.28 1.79 0.00	30.60 1.76 0.00	30.72 1.79 0.00	30.83 1.76 0.00	32.50 1.76 0.00	34.85 1.92 0.00	38.44 2.13 0.00	39.86 2.24 0.00	48.99 2.60 0.00	48.45 2.25 0.00	47.93 2.15 0.00	31.67 1.46 0.00	21.70 1.21 0.00	27.57 1.58 0.00
ROTRRDAM_115KV_TB3 80664	28.92 0.89 0.00	28.06 0.84 0.00	27.67 0.75 0.00	11.03 0.32 0.00	3.63 0.11 0.00	11.03 0.33 0.00	30.78 0.82 0.00	33.06 0.87 0.00	31.88 0.72 0.00	30.07 0.59 0.00	32.09 0.60 0.00	29.45 0.61 0.00	29.47 0.53 0.00	29.68 0.61 0.00	31.35 0.62 0.00	33.60 0.67 0.00	37.14 0.83 0.00	38.59 0.97 0.00	47.73 1.34 0.00	47.40 1.20 0.00	46.93 1.15 0.00	31.06 0.84 0.00	21.17 0.68 0.00	26.87 0.88 0.00
RUSSELL___1 23602	27.09 -0.95 0.00	26.34 -0.88 0.00	26.08 -0.83 0.00	10.38 -0.34 0.00	3.41 -0.11 0.00	10.37 -0.34 0.00	28.98 -0.97 0.00	31.12 -1.06 0.00	30.25 -0.91 0.00	28.59 -0.88 0.00	30.52 -0.97 0.00	27.76 -1.08 0.00	27.99 -0.94 0.00	28.16 -0.91 0.00	29.88 -0.84 0.01	31.90 -1.03 0.00	35.15 -1.16 0.00	36.24 -1.38 0.00	44.55 -1.85 0.00	44.69 -1.52 0.00	44.24 -1.54 0.00	29.17 -1.04 0.00	19.74 -0.75 0.00	25.49 -0.49 0.00
RUSSELL___2 23532	27.09 -0.95 0.00	26.34 -0.88 0.00	26.08 -0.83 0.00	10.38 -0.34 0.00	3.41 -0.11 0.00	10.37 -0.34 0.00	28.98 -0.97 0.00	31.12 -1.06 0.00	30.25 -0.91 0.00	28.59 -0.88 0.00	30.52 -0.97 0.00	27.76 -1.08 0.00	27.99 -0.94 0.00	28.16 -0.91 0.00	29.88 -0.84 0.01	31.90 -1.03 0.00	35.15 -1.16 0.00	36.24 -1.38 0.00	44.55 -1.85 0.00	44.69 -1.52 0.00	44.24 -1.54 0.00	29.17 -1.04 0.00	19.74 -0.75 0.00	25.49 -0.49 0.00
RUSSELL___3 23549	27.09 -0.95 0.00	26.34 -0.88 0.00	26.08 -0.83 0.00	10.38 -0.34 0.00	3.41 -0.11 0.00	10.37 -0.34 0.00	28.98 -0.97 0.00	31.12 -1.06 0.00	30.25 -0.91 0.00	28.59 -0.88 0.00	30.52 -0.97 0.00	27.76 -1.08 0.00	27.99 -0.94 0.00	28.16 -0.91 0.00	29.88 -0.84 0.01	31.90 -1.03 0.00	35.15 -1.16 0.00	36.24 -1.38 0.00	44.55 -1.85 0.00	44.69 -1.52 0.00	44.24 -1.54 0.00	29.17 -1.04 0.00	19.74 -0.75 0.00	25.49 -0.49 0.00
RUSSELL___4 23556	27.09 -0.95 0.00	26.34 -0.88 0.00	26.08 -0.83 0.00	10.38 -0.34 0.00	3.41 -0.11 0.00	10.37 -0.34 0.00	28.98 -0.97 0.00	31.12 -1.06 0.00	30.25 -0.91 0.00	28.59 -0.88 0.00	30.52 -0.97 0.00	27.76 -1.08 0.00	27.99 -0.94 0.00	28.16 -0.91 0.00	29.88 -0.84 0.01	31.90 -1.03 0.00	35.15 -1.16 0.00	36.24 -1.38 0.00	44.55 -1.85 0.00	44.69 -1.52 0.00	44.24 -1.54 0.00	29.17 -1.04 0.00	19.74 -0.75 0.00	25.49 -0.49 0.00
RUSSELL___STATION 23914	27.09 -0.95 0.00	26.34 -0.88 0.00	26.08 -0.83 0.00	10.38 -0.34 0.00	3.41 -0.11 0.00	10.37 -0.34 0.00	28.98 -0.97 0.00	31.12 -1.06 0.00	30.25 -0.91 0.00	28.59 -0.88 0.00	30.52 -0.97 0.00	27.76 -1.08 0.00	27.99 -0.94 0.00	28.16 -0.91 0.00	29.88 -0.84 0.01	31.90 -1.03 0.00	35.15 -1.16 0.00	36.24 -1.38 0.00	44.55 -1.85 0.00	44.69 -1.52 0.00	44.24 -1.54 0.00	29.17 -1.04 0.00	19.74 -0.75 0.00	25.49 -0.49 0.00
S SALMON___HYD 24043	27.37 -0.66 0.00	26.60 -0.61 0.00	26.27 -0.65 0.00	10.45 -0.27 0.00	3.44 -0.09 0.00	10.43 -0.28 0.00	29.20 -0.75 0.00	31.44 -0.74 0.00	30.50 -0.66 0.00	28.81 -0.66 0.00	30.74 -0.75 0.00	27.95 -0.89 0.00	27.89 -1.04 0.00	28.17 -0.90 0.00	29.82 -0.91 0.00	31.84 -1.09 0.00	35.25 -1.07 0.00	36.63 -0.99 0.00	45.16 -1.23 0.00	45.14 -1.06 0.00	44.72 -1.06 0.00	29.59 -0.63 0.00	20.13 -0.36 0.00	25.52 -0.47 0.00
S.PERRY__115KV_TB1 80734	32.97 -0.85 -5.78	26.40 -0.82 0.00	26.15 -0.76 0.00	10.41 -0.31 0.00	3.44 -0.10 0.00	11.07 -0.22 -0.58	59.27 -0.47 -29.79	80.80 -0.50 -49.12	79.00 -0.40 -48.24	74.10 -0.43 -45.06	75.24 -0.64 -44.39	76.17 -0.77 -48.10	54.78 -0.77 -26.62	70.68 -0.79 -42.39	65.58 -0.76 -35.60	32.01 -0.92 0.00	35.46 -0.85 0.00	36.72 -0.90 0.00	45.27 -1.12 0.00	45.86 -0.35 0.00	45.50 -0.28 0.00	30.03 -0.19 0.00	20.30 -0.20 0.00	26.23 0.24 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	24.43 -1.99 1.62	25.35 -1.87 0.00	25.18 -1.74 0.00	10.03 -0.69 0.00	3.29 -0.23 0.00	9.83 -0.71 0.16	19.57 -2.03 8.35	16.18 -2.26 13.75	15.63 -2.03 13.50	14.84 -1.95 12.68	17.03 -2.08 12.38	13.13 -2.18 13.54	19.62 -1.92 7.40	15.32 -1.92 11.83	19.12 -1.88 9.74	30.69 -2.24 0.00	33.77 -2.56 0.00	34.59 -3.03 0.00	42.38 -4.01 0.00	42.76 -3.44 0.00	42.33 -3.44 0.00	27.93 -2.28 0.00	18.93 -1.57 0.00	24.77 -1.21 0.00

SAWYER___23_KV_LOAD 55526	24.43 -1.99 1.62	25.35 -1.87 0.00	25.18 -1.74 0.00	10.03 -0.69 0.00	3.29 -0.23 0.00	9.83 -0.71 0.16	19.57 -2.03 8.35	16.18 -2.26 13.75	15.63 -2.03 13.50	14.84 -1.95 12.68	17.03 -2.08 12.38	13.13 -2.18 13.54	19.62 -1.92 7.40	15.32 -1.92 11.83	19.12 -1.88 9.74	30.69 -2.24 0.00	33.77 -2.56 0.00	34.59 -3.03 0.00	42.38 -4.01 0.00	42.76 -3.44 0.00	42.33 -3.44 0.00	27.93 -2.28 0.00	18.93 -1.57 0.00	24.77 -1.21 0.00
SELKIRK___I 23801	28.77 0.73 0.00	27.91 0.70 0.00	27.53 0.62 0.00	10.98 0.26 0.00	3.62 0.09 0.00	10.98 0.27 0.00	30.60 0.65 0.00	32.81 0.63 0.00	31.61 0.45 0.00	29.81 0.34 0.00	31.82 0.33 0.00	29.14 0.30 0.00	29.18 0.24 0.00	29.44 0.37 0.00	31.04 0.30 0.00	33.27 0.33 0.00	36.71 0.39 0.00	38.12 0.50 0.00	47.22 0.83 0.00	46.93 0.73 0.00	46.47 0.69 0.00	30.77 0.56 0.00	21.07 0.58 0.00	26.74 0.76 0.00
SELKIRK___II 23799	28.72 0.68 0.00	27.86 0.64 0.00	27.46 0.54 0.00	10.96 0.24 0.00	3.61 0.09 0.00	10.95 0.25 0.00	30.51 0.56 0.00	32.77 0.58 0.00	31.63 0.47 0.00	29.86 0.38 0.00	31.90 0.41 0.00	29.30 0.45 0.00	29.32 0.39 0.00	29.51 0.44 0.00	31.10 0.37 0.00	33.32 0.39 0.00	36.79 0.47 0.00	38.21 0.59 0.00	47.21 0.82 0.00	46.85 0.65 0.00	46.36 0.58 0.00	30.70 0.49 0.00	21.03 0.54 0.00	26.70 0.71 0.00
SENECA OSWGO___HYD 24041	27.36 -0.68 0.00	26.56 -0.66 0.00	26.23 -0.68 0.00	10.45 -0.27 0.00	3.44 -0.09 0.00	10.44 -0.26 0.00	29.18 -0.77 0.00	31.39 -0.79 0.00	30.42 -0.74 0.00	28.75 -0.73 0.00	30.70 -0.79 0.00	28.05 -0.79 0.00	28.10 -0.84 0.00	28.29 -0.78 0.00	29.90 -0.83 0.00	32.02 -0.91 0.00	35.35 -0.97 0.00	36.63 -0.99 0.00	45.18 -1.22 0.00	45.01 -1.19 0.00	44.58 -1.20 0.00	29.44 -0.77 0.00	20.02 -0.48 0.00	25.50 -0.48 0.00
SENECA___115KV_TB3 355854	24.67 -1.67 1.70	25.60 -1.62 0.00	25.42 -1.50 0.00	10.13 -0.59 0.00	3.33 -0.20 0.00	9.94 -0.59 0.17	19.58 -1.65 8.72	15.96 -1.83 14.40	15.42 -1.60 14.14	14.68 -1.54 13.25	16.84 -1.65 13.00	12.91 -1.80 14.14	19.63 -1.53 7.77	15.15 -1.53 12.39	18.97 -1.46 10.30	31.12 -1.81 0.00	34.27 -2.04 0.00	35.15 -2.47 0.00	43.10 -3.29 0.00	43.46 -2.74 0.00	43.00 -2.77 0.00	28.37 -1.84 0.00	19.22 -1.27 0.00	25.13 -0.86 0.00
SENECA___ENERGY 23797	27.71 -0.72 -0.39	26.53 -0.68 0.00	26.22 -0.69 0.00	10.45 -0.27 0.00	3.44 -0.08 0.00	10.50 -0.25 -0.04	31.25 -0.70 -2.00	34.73 -0.77 -3.31	33.74 -0.70 -3.27	31.94 -0.61 -3.07	33.83 -0.69 -3.03	31.36 -0.76 -3.28	30.10 -0.64 -1.81	31.27 -0.67 -2.87	32.47 -0.68 -2.42	32.19 -0.75 0.00	35.49 -0.83 0.00	36.74 -0.88 0.00	45.26 -1.13 0.00	45.13 -1.07 0.00	44.69 -1.09 0.00	29.55 -0.66 0.00	20.06 -0.43 0.00	25.68 -0.31 0.00
SHOEMAKER___GT 23640	29.47 1.43 0.00	28.60 1.39 0.00	28.09 1.17 0.00	11.21 0.49 0.00	3.70 0.17 0.00	11.21 0.51 0.00	31.25 1.30 0.00	33.66 1.47 0.00	32.65 1.48 0.00	30.88 1.40 0.00	33.08 1.58 0.00	30.39 1.54 0.00	30.53 1.59 0.00	30.62 1.55 0.00	32.27 1.54 0.00	34.61 1.68 0.00	38.19 1.88 0.00	39.61 1.99 0.00	48.70 2.31 0.00	48.22 2.01 0.00	47.70 1.93 0.00	31.51 1.30 0.00	21.56 1.07 0.00	27.39 1.40 0.00
SHOEMAKR_138KV_BK 111 55601	29.47 1.44 0.00	28.60 1.39 0.00	28.09 1.17 0.00	11.21 0.49 0.00	3.70 0.17 0.00	11.21 0.51 0.00	31.26 1.31 0.00	33.67 1.49 0.00	32.66 1.50 0.00	30.90 1.43 0.00	33.09 1.60 0.00	30.41 1.57 0.00	30.53 1.60 0.00	30.63 1.56 0.00	32.29 1.56 0.00	34.62 1.69 0.00	38.21 1.90 0.00	39.63 2.01 0.00	48.71 2.32 0.00	48.22 2.01 0.00	47.72 1.94 0.00	31.51 1.30 0.00	21.57 1.08 0.00	27.39 1.41 0.00
SHOREHAM_IC_1 23715	55.30 3.31 -23.95	47.24 3.19 -16.83	33.58 2.92 -3.74	15.54 1.18 -3.63	25.45 0.41 -21.51	55.45 1.26 -43.49	51.50 3.40 -18.14	35.91 3.72 0.00	34.97 3.78 -0.03	33.21 3.33 -0.41	43.37 3.77 -8.11	43.92 3.54 -11.53	43.94 3.54 -11.46	44.19 3.55 -11.57	45.25 3.66 -10.86	52.60 4.02 -15.65	42.24 4.27 -1.65	44.68 4.26 -2.80	51.79 5.16 -0.24	52.09 4.73 -1.16	51.10 4.60 -0.73	29.11 2.88 3.99	24.91 2.29 -2.13	32.34 2.92 -3.43
SHOREHAM_IC_2 23716	55.30 3.31 -23.95	47.24 3.20 -16.83	33.58 2.92 -3.74	15.54 1.18 -3.63	25.45 0.41 -21.51	55.45 1.26 -43.49	51.52 3.42 -18.14	35.91 3.73 0.00	34.98 3.79 -0.03	33.22 3.34 -0.41	43.37 3.78 -8.11	43.93 3.55 -11.53	43.95 3.56 -11.46	44.20 3.55 -11.57	45.25 3.66 -10.86	52.61 4.02 -15.65	42.24 4.27 -1.65	44.69 4.27 -2.80	51.79 5.17 -0.24	52.09 4.72 -1.16	51.10 4.60 -0.73	29.10 2.87 3.99	24.90 2.28 -2.13	32.34 2.92 -3.43
SISSONVILLE____ 23735	27.07 -0.97 0.00	26.32 -0.89 0.00	26.21 -0.71 0.00	10.41 -0.31 0.00	3.41 -0.12 0.00	10.41 -0.30 0.00	29.41 -0.55 0.00	31.56 -0.62 0.00	30.48 -0.69 0.00	28.83 -0.65 0.00	30.79 -0.70 0.00	28.12 -0.72 0.00	28.12 -0.82 0.00	28.17 -0.90 0.00	30.09 -0.64 0.00	32.34 -0.60 0.00	35.60 -0.72 0.00	36.58 -1.04 0.00	45.19 -1.20 0.00	45.39 -0.81 0.00	45.18 -0.60 0.00	29.73 -0.49 0.00	19.88 -0.62 0.00	24.97 -1.02 0.00
SITHE_IND_GS1 24169	27.20 -0.84 0.00	26.40 -0.81 0.00	26.10 -0.82 0.00	10.40 -0.32 0.00	3.42 -0.10 0.00	10.38 -0.33 0.00	28.97 -0.98 0.00	31.10 -1.09 0.00	30.11 -1.05 0.00	28.47 -1.00 0.00	30.41 -1.09 0.00	27.81 -1.03 0.00	27.91 -1.02 0.00	28.06 -1.01 0.00	29.68 -1.06 0.00	31.77 -1.16 0.00	35.04 -1.27 0.00	36.30 -1.32 0.00	44.75 -1.64 0.00	44.55 -1.66 0.00	44.12 -1.66 0.00	29.14 -1.07 0.00	19.83 -0.66 0.00	25.29 -0.70 0.00
SITHE_IND_GS2 24170	27.20 -0.84 0.00	26.40 -0.81 0.00	26.10 -0.82 0.00	10.40 -0.32 0.00	3.42 -0.10 0.00	10.38 -0.33 0.00	28.97 -0.98 0.00	31.10 -1.09 0.00	30.11 -1.05 0.00	28.47 -1.00 0.00	30.41 -1.09 0.00	27.81 -1.03 0.00	27.91 -1.02 0.00	28.06 -1.01 0.00	29.68 -1.06 0.00	31.77 -1.16 0.00	35.04 -1.27 0.00	36.30 -1.32 0.00	44.75 -1.64 0.00	44.55 -1.66 0.00	44.12 -1.66 0.00	29.14 -1.07 0.00	19.83 -0.66 0.00	25.29 -0.70 0.00
SITHE_IND_GS3 24171	27.20 -0.84 0.00	26.40 -0.81 0.00	26.10 -0.82 0.00	10.40 -0.32 0.00	3.42 -0.10 0.00	10.38 -0.33 0.00	28.97 -0.98 0.00	31.10 -1.09 0.00	30.11 -1.05 0.00	28.47 -1.00 0.00	30.41 -1.09 0.00	27.81 -1.03 0.00	27.91 -1.02 0.00	28.06 -1.01 0.00	29.68 -1.06 0.00	31.77 -1.16 0.00	35.04 -1.27 0.00	36.30 -1.32 0.00	44.75 -1.64 0.00	44.55 -1.66 0.00	44.12 -1.66 0.00	29.14 -1.07 0.00	19.83 -0.66 0.00	25.29 -0.70 0.00
SITHE_IND_GS4 24172	27.20 -0.84 0.00	26.40 -0.81 0.00	26.10 -0.82 0.00	10.40 -0.32 0.00	3.42 -0.10 0.00	10.38 -0.33 0.00	28.97 -0.98 0.00	31.10 -1.09 0.00	30.11 -1.05 0.00	28.47 -1.00 0.00	30.41 -1.09 0.00	27.81 -1.03 0.00	27.91 -1.02 0.00	28.06 -1.01 0.00	29.68 -1.06 0.00	31.77 -1.16 0.00	35.04 -1.27 0.00	36.30 -1.32 0.00	44.75 -1.64 0.00	44.55 -1.66 0.00	44.12 -1.66 0.00	29.14 -1.07 0.00	19.83 -0.66 0.00	25.29 -0.70 0.00

SITHE___BATAVIA 24024	26.22 -1.02 0.80	26.15 -1.06 0.00	25.94 -0.98 0.00	10.33 -0.39 0.00	3.40 -0.13 0.00	10.29 -0.34 0.08	24.96 -0.87 4.12	24.43 -0.92 6.84	23.69 -0.75 6.72	22.36 -0.82 6.29	24.26 -1.03 6.20	20.79 -1.34 6.72	24.15 -1.10 3.69	22.12 -1.09 5.86	24.82 -1.00 4.92	31.61 -1.32 0.00	34.91 -1.41 0.00	35.85 -1.77 0.00	44.03 -2.36 0.00	44.36 -1.84 0.00	43.94 -1.84 0.00	28.98 -1.23 0.00	19.60 -0.89 0.00	25.51 -0.48 0.00
SITHE___INDEPEND 23800	27.20 -0.84 0.00	26.40 -0.81 0.00	26.10 -0.82 0.00	10.40 -0.32 0.00	3.42 -0.10 0.00	10.38 -0.33 0.00	28.97 -0.98 0.00	31.10 -1.09 0.00	30.11 -1.05 0.00	28.47 -1.01 0.00	30.41 -1.09 0.00	27.81 -1.04 0.00	27.91 -1.03 0.00	28.05 -1.03 0.00	29.68 -1.06 0.00	31.77 -1.16 0.00	35.05 -1.27 0.00	36.30 -1.32 0.00	44.74 -1.65 0.00	44.54 -1.66 0.00	44.12 -1.66 0.00	29.15 -1.07 0.00	19.83 -0.66 0.00	25.29 -0.70 0.00
SITHE___MASSENA 23902	27.85 -0.19 0.00	27.09 -0.13 0.00	26.95 0.04 0.00	10.70 -0.01 0.00	3.51 -0.02 0.00	10.69 -0.01 0.00	30.13 0.18 0.00	32.34 0.15 0.00	31.29 0.13 0.00	29.64 0.17 0.00	31.67 0.18 0.00	28.97 0.12 0.00	29.05 0.12 0.00	29.09 0.02 0.00	30.97 0.24 0.00	33.25 0.32 0.00	36.61 0.30 0.00	37.64 0.02 0.00	46.39 0.00 0.00	46.49 0.28 0.00	46.22 0.44 0.00	30.41 0.19 0.00	20.38 -0.12 0.00	25.69 -0.30 0.00
SITHE___OGDNSBRG 24021	27.98 -0.06 0.00	27.20 -0.02 0.00	27.09 0.17 0.00	10.76 0.04 0.00	3.53 0.00 0.00	10.76 0.06 0.00	30.39 0.43 0.00	32.49 0.30 0.00	31.25 0.08 0.00	29.55 0.08 0.00	31.56 0.07 0.00	28.89 0.05 0.00	28.84 -0.10 0.00	28.86 -0.21 0.00	30.95 0.21 0.00	33.37 0.44 0.00	36.74 0.43 0.00	37.85 0.23 0.00	46.75 0.36 0.00	47.00 0.79 0.00	46.81 1.03 0.00	30.77 0.55 0.00	20.54 0.05 0.00	25.81 -0.18 0.00
SITHE___STERLING 23777	28.44 0.40 0.00	27.58 0.36 0.00	27.24 0.32 0.00	10.85 0.13 0.00	3.57 0.05 0.00	10.87 0.16 0.00	30.46 0.51 0.00	32.95 0.77 0.00	31.89 0.73 0.00	30.05 0.57 0.00	32.11 0.62 0.00	29.31 0.46 0.00	29.38 0.44 0.00	29.59 0.52 0.00	31.26 0.53 0.00	33.41 0.48 0.00	36.86 0.54 0.00	38.25 0.63 0.00	47.18 0.79 0.00	47.12 0.91 0.00	46.70 0.92 0.00	30.84 0.62 0.00	20.93 0.44 0.00	26.55 0.57 0.00
SLEIGHT__34_KV_TB1 80719	27.06 -0.98 0.00	26.29 -0.92 0.00	26.02 -0.89 0.00	10.36 -0.36 0.00	3.41 -0.11 0.00	10.36 -0.34 0.00	29.01 -0.95 0.00	31.19 -0.99 0.00	30.29 -0.88 0.00	28.64 -0.84 0.00	30.55 -0.93 0.00	27.83 -1.02 0.00	28.00 -0.93 0.00	28.13 -0.95 0.00	29.83 -0.90 0.01	31.89 -1.04 0.00	35.17 -1.14 0.00	36.34 -1.28 0.00	44.73 -1.66 0.00	44.74 -1.46 0.00	44.29 -1.49 0.00	29.22 -0.99 0.00	19.80 -0.70 0.00	25.43 -0.56 0.00
SMITHTWN_69_KV_BK 1 55830	55.01 3.02 -23.95	46.98 2.94 -16.83	33.33 2.67 -3.74	15.44 1.09 -3.63	25.39 0.38 -21.49	55.32 1.15 -43.47	51.16 3.07 -18.14	35.52 3.33 0.00	34.57 3.37 -0.04	32.90 2.98 -0.44	43.21 3.44 -8.28	43.90 3.28 -11.77	44.08 3.29 -11.86	44.34 3.28 -12.00	45.47 3.38 -11.36	57.75 3.66 -21.15	41.96 3.79 -1.86	46.76 3.77 -5.37	52.27 4.53 -1.36	51.76 4.13 -1.42	50.71 4.00 -0.94	29.06 2.55 3.70	24.99 2.11 -2.39	32.37 2.74 -3.65
SOUTH CAIRO___GT 23612	29.64 1.60 0.00	28.68 1.47 0.00	28.27 1.35 0.00	11.28 0.56 0.00	3.72 0.19 0.00	11.30 0.60 0.00	31.62 1.67 0.00	34.01 1.83 0.00	32.80 1.63 0.00	30.91 1.43 0.00	32.76 1.27 0.00	29.92 1.07 0.00	29.88 0.94 0.00	30.37 1.30 0.00	32.15 1.42 0.00	34.51 1.58 0.00	37.87 1.55 0.00	39.25 1.63 0.00	48.95 2.56 0.00	48.79 2.59 0.00	48.43 2.65 0.00	31.99 1.78 0.00	21.83 1.33 0.00	27.63 1.64 0.00
SOUTH HAMPTN___IC 23720	55.53 3.54 -23.95	47.46 3.41 -16.84	33.76 3.10 -3.75	15.58 1.23 -3.64	25.48 0.44 -21.52	55.56 1.35 -43.50	51.82 3.72 -18.14	36.25 4.06 0.00	35.36 4.17 -0.03	33.56 3.69 -0.40	43.68 4.13 -8.06	44.13 3.82 -11.47	44.19 3.91 -11.35	44.40 3.88 -11.45	45.44 3.99 -10.72	52.47 4.34 -15.20	42.55 4.64 -1.59	44.83 4.65 -2.56	52.09 5.58 -0.11	52.35 5.06 -1.09	51.29 4.84 -0.67	29.03 2.88 4.06	24.84 2.30 -2.05	32.24 2.89 -3.37
SOUTHDOW_115KV_TB1 355954	26.01 -1.09 0.94	26.05 -1.17 0.00	25.96 -0.96 0.00	10.41 -0.31 0.00	3.41 -0.11 0.00	10.28 -0.33 0.10	24.37 -0.73 4.85	23.31 -0.87 8.00	22.76 -0.55 7.86	21.55 -0.55 7.37	23.69 -0.58 7.22	20.21 -0.76 7.87	24.16 -0.46 4.31	21.77 -0.43 6.87	24.88 -0.16 5.69	32.58 -0.35 0.00	35.78 -0.54 0.00	36.73 -0.89 0.00	45.02 -1.37 0.00	45.28 -0.92 0.00	44.77 -1.01 0.00	29.48 -0.73 0.00	19.96 -0.53 0.00	25.87 -0.12 0.00
SOUTHOLD_69_KV_BK 2 55809	55.64 3.65 -23.95	47.54 3.50 -16.84	33.82 3.16 -3.75	15.56 1.21 -3.64	25.48 0.44 -21.52	55.59 1.39 -43.50	51.98 3.88 -18.14	36.43 4.25 0.00	35.62 4.42 -0.03	33.78 3.91 -0.40	43.88 4.33 -8.06	44.29 3.97 -11.47	44.42 4.13 -11.36	44.59 4.06 -11.45	45.62 4.17 -10.72	52.58 4.45 -15.20	42.72 4.81 -1.59	45.01 4.83 -2.56	52.25 5.75 -0.12	52.36 5.07 -1.09	51.24 4.79 -0.67	28.84 2.69 4.06	24.69 2.15 -2.06	32.02 2.66 -3.37
SOUTHOLD___IC 23719	55.64 3.65 -23.95	47.54 3.49 -16.84	33.82 3.16 -3.75	15.56 1.21 -3.64	25.48 0.44 -21.52	55.59 1.39 -43.50	51.98 3.88 -18.14	36.43 4.25 0.00	35.61 4.42 -0.03	33.78 3.91 -0.40	43.87 4.32 -8.06	44.28 3.97 -11.47	44.40 4.11 -11.36	44.59 4.06 -11.45	45.62 4.16 -10.72	52.58 4.44 -15.20	42.72 4.81 -1.59	45.01 4.82 -2.56	52.25 5.75 -0.12	52.37 5.08 -1.09	51.25 4.80 -0.67	28.84 2.69 4.06	24.70 2.15 -2.06	32.02 2.66 -3.37
SOUTH_FORK_WT_PWR 323839	55.56 3.58 -23.95	47.47 3.42 -16.84	33.72 3.05 -3.75	15.49 1.14 -3.64	25.47 0.42 -21.52	55.55 1.35 -43.50	51.91 3.81 -18.14	36.35 4.16 0.00	35.58 4.39 -0.03	33.75 3.88 -0.40	43.81 4.26 -8.06	44.20 3.89 -11.47	44.37 4.08 -11.35	44.54 4.02 -11.45	45.54 4.09 -10.72	52.43 4.30 -15.20	42.57 4.66 -1.59	44.87 4.69 -2.56	52.00 5.49 -0.12	51.99 4.70 -1.09	50.83 4.38 -0.67	28.43 2.28 4.06	24.43 1.89 -2.05	31.65 2.29 -3.37
SPIERFLS_115KV_TB 1 80737	29.52 1.48 0.00	28.59 1.38 0.00	28.16 1.24 0.00	11.23 0.51 0.00	3.70 0.18 0.00	11.28 0.58 0.00	31.54 1.59 0.00	33.87 1.69 0.00	32.47 1.31 0.00	30.51 1.03 0.00	32.58 1.09 0.00	29.84 0.99 0.00	29.84 0.91 0.00	30.18 1.11 0.00	31.88 1.14 0.00	34.26 1.33 0.00	37.94 1.62 0.00	39.70 2.08 0.00	49.15 2.76 0.00	48.90 2.69 0.00	48.33 2.56 0.00	31.97 1.75 0.00	21.70 1.21 0.00	27.42 1.43 0.00
ST LAWRENCE____ 23600	27.75 -0.29 0.00	26.97 -0.24 0.00	26.82 -0.10 0.00	10.66 -0.06 0.00	3.50 -0.03 0.00	10.63 -0.07 0.00	29.85 -0.11 0.00	32.05 -0.13 0.00	31.05 -0.12 0.00	29.42 -0.06 0.00	31.44 -0.05 0.00	28.77 -0.08 0.00	28.87 -0.07 0.00	28.95 -0.13 0.00	30.72 -0.02 0.00	32.96 0.03 0.00	36.30 -0.01 0.00	37.48 -0.14 0.00	46.17 -0.22 0.00	46.23 0.02 0.00	45.92 0.15 0.00	30.22 0.01 0.00	20.29 -0.20 0.00	25.59 -0.39 0.00

STATE_CA_115KV_115_LB 55624	28.77 0.74 0.00	27.91 0.70 0.00	27.50 0.59 0.00	10.97 0.26 0.00	3.62 0.09 0.00	10.98 0.27 0.00	30.59 0.63 0.00	32.85 0.66 0.00	31.70 0.54 0.00	29.91 0.43 0.00	31.96 0.47 0.00	29.39 0.54 0.00	29.39 0.45 0.00	29.63 0.56 0.00	31.19 0.46 0.00	33.39 0.46 0.00	36.89 0.57 0.00	38.36 0.74 0.00	47.38 0.99 0.00	47.00 0.80 0.00	46.48 0.70 0.00	30.79 0.58 0.00	21.12 0.62 0.00	26.79 0.81 0.00
STATE_ST_34_KV_LOAD 55959	27.83 -0.21 0.00	27.03 -0.19 0.00	26.71 -0.21 0.00	10.64 -0.08 0.00	3.51 -0.02 0.00	10.64 -0.06 0.00	29.72 -0.23 0.00	32.00 -0.19 0.00	31.00 -0.16 0.00	29.33 -0.15 0.00	31.27 -0.22 0.00	28.55 -0.29 0.00	28.70 -0.23 0.00	28.74 -0.33 0.00	30.49 -0.24 0.00	32.64 -0.29 0.00	36.00 -0.31 0.00	37.37 -0.25 0.00	46.10 -0.29 0.00	45.82 -0.39 0.00	45.49 -0.29 0.00	30.04 -0.17 0.00	20.39 -0.10 0.00	26.06 0.07 0.00
STATION_5_MISC_HYD 23604	26.96 -1.08 0.00	26.20 -1.01 0.00	25.96 -0.96 0.00	10.33 -0.38 0.00	3.40 -0.13 0.00	10.32 -0.38 0.00	28.86 -1.09 0.00	31.00 -1.19 0.00	30.12 -1.04 0.00	28.46 -1.02 0.00	30.37 -1.12 0.00	27.64 -1.20 0.00	27.86 -1.07 0.00	28.04 -1.03 0.00	29.73 -0.99 0.01	31.72 -1.21 0.00	34.95 -1.37 0.00	36.01 -1.60 0.00	44.27 -2.12 0.00	44.40 -1.80 0.00	43.96 -1.82 0.00	28.99 -1.22 0.00	19.63 -0.86 0.00	25.36 -0.63 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.13 -0.91 0.00	26.36 -0.86 0.00	26.09 -0.83 0.00	10.39 -0.33 0.00	3.42 -0.11 0.00	10.39 -0.32 0.00	29.08 -0.87 0.00	31.24 -0.94 0.00	30.33 -0.83 0.00	28.70 -0.78 0.00	30.64 -0.85 0.00	27.91 -0.93 0.00	28.09 -0.85 0.00	28.21 -0.86 0.00	29.89 -0.84 0.00	31.97 -0.96 0.00	35.25 -1.06 0.00	36.42 -1.20 0.00	44.81 -1.58 0.00	44.85 -1.36 0.00	44.40 -1.38 0.00	29.31 -0.90 0.00	19.86 -0.64 0.00	25.53 -0.46 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.83 -1.21 0.00	26.09 -1.13 0.00	25.84 -1.08 0.00	10.29 -0.43 0.00	3.38 -0.14 0.00	10.27 -0.43 0.00	28.71 -1.25 0.00	30.82 -1.36 0.00	29.94 -1.22 0.00	28.32 -1.16 0.00	30.23 -1.26 0.00	27.50 -1.34 0.00	27.73 -1.20 0.00	27.88 -1.19 0.00	29.59 -1.14 0.00	31.60 -1.33 0.00	34.83 -1.48 0.00	35.90 -1.72 0.00	44.13 -2.27 0.00	44.24 -1.96 0.00	43.80 -1.98 0.00	28.89 -1.32 0.00	19.56 -0.93 0.00	25.24 -0.75 0.00
STA_56___34_KV_BUS2 355983	26.83 -1.21 0.00	26.09 -1.13 0.00	25.84 -1.08 0.00	10.29 -0.43 0.00	3.38 -0.14 0.00	10.27 -0.43 0.00	28.71 -1.25 0.00	30.82 -1.36 0.00	29.94 -1.22 0.00	28.32 -1.16 0.00	30.23 -1.26 0.00	27.50 -1.34 0.00	27.73 -1.20 0.00	27.88 -1.19 0.00	29.59 -1.14 0.00	31.60 -1.33 0.00	34.83 -1.48 0.00	35.90 -1.72 0.00	44.13 -2.27 0.00	44.24 -1.96 0.00	43.80 -1.98 0.00	28.89 -1.32 0.00	19.56 -0.93 0.00	25.24 -0.75 0.00
STA_67___115KV_BK2 355882	26.89 -1.15 0.00	26.14 -1.07 0.00	25.91 -1.01 0.00	10.31 -0.41 0.00	3.39 -0.14 0.00	10.29 -0.41 0.00	28.77 -1.19 0.00	30.88 -1.31 0.00	29.99 -1.17 0.00	28.35 -1.13 0.00	30.26 -1.23 0.00	27.52 -1.32 0.00	27.76 -1.18 0.00	27.91 -1.16 0.00	29.62 -1.10 0.01	31.63 -1.30 0.00	34.84 -1.47 0.00	35.91 -1.71 0.00	44.14 -2.25 0.00	44.28 -1.92 0.00	43.84 -1.94 0.00	28.91 -1.30 0.00	19.58 -0.91 0.00	25.30 -0.69 0.00
STA_7___115KV_9TRANS 80674	27.09 -0.95 0.00	26.34 -0.88 0.00	26.08 -0.83 0.00	10.38 -0.34 0.00	3.41 -0.11 0.00	10.37 -0.34 0.00	28.98 -0.97 0.00	31.12 -1.06 0.00	30.25 -0.91 0.00	28.59 -0.88 0.00	30.52 -0.97 0.00	27.76 -1.08 0.00	27.99 -0.94 0.00	28.16 -0.91 0.00	29.88 -0.84 0.01	31.90 -1.03 0.00	35.15 -1.16 0.00	36.24 -1.38 0.00	44.55 -1.85 0.00	44.69 -1.52 0.00	44.24 -1.54 0.00	29.17 -1.04 0.00	19.74 -0.75 0.00	25.49 -0.49 0.00
STA_82___115KV_TB1 80780	26.89 -1.15 0.00	26.14 -1.07 0.00	25.91 -1.01 0.00	10.31 -0.41 0.00	3.39 -0.14 0.00	10.29 -0.41 0.00	28.77 -1.18 0.00	30.88 -1.31 0.00	30.00 -1.17 0.00	28.35 -1.13 0.00	30.27 -1.23 0.00	27.52 -1.33 0.00	27.76 -1.18 0.00	27.91 -1.16 0.00	29.63 -1.10 0.00	31.63 -1.30 0.00	34.86 -1.45 0.00	35.92 -1.70 0.00	44.15 -2.24 0.00	44.30 -1.91 0.00	43.86 -1.92 0.00	28.92 -1.29 0.00	19.59 -0.90 0.00	25.30 -0.68 0.00
STEEL___WIND 323596	24.67 -1.67 1.70	25.58 -1.63 0.00	25.39 -1.53 0.00	10.12 -0.60 0.00	3.32 -0.20 0.00	9.93 -0.60 0.17	19.59 -1.63 8.72	15.99 -1.80 14.40	15.45 -1.57 14.14	14.69 -1.53 13.25	16.84 -1.65 13.00	12.92 -1.78 14.14	19.63 -1.53 7.77	15.19 -1.50 12.39	18.98 -1.45 10.30	31.06 -1.87 0.00	34.22 -2.10 0.00	35.12 -2.50 0.00	43.08 -3.32 0.00	43.41 -2.79 0.00	42.95 -2.83 0.00	28.34 -1.87 0.00	19.20 -1.29 0.00	25.11 -0.88 0.00
STEPHTWN_115KV_BK_2 55603	28.96 0.93 0.00	28.08 0.86 0.00	27.75 0.83 0.00	11.04 0.32 0.00	3.64 0.11 0.00	11.08 0.38 0.00	30.87 0.92 0.00	33.19 1.00 0.00	31.97 0.81 0.00	30.15 0.67 0.00	32.23 0.74 0.00	29.59 0.74 0.00	29.70 0.77 0.00	29.93 0.85 0.00	31.55 0.82 0.00	33.72 0.78 0.00	37.32 1.00 0.00	38.70 1.08 0.00	47.86 1.47 0.00	47.50 1.29 0.00	46.89 1.11 0.00	31.00 0.79 0.00	21.26 0.77 0.00	27.02 1.03 0.00
STEBEN_REC_LFGE 323667	29.77 -2.03 -3.76	25.30 -1.92 0.00	25.02 -1.89 0.00	9.96 -0.75 0.00	3.30 -0.23 0.00	10.50 -0.59 -0.38	47.95 -1.43 -19.42	62.53 -1.62 -31.96	61.22 -1.32 -31.38	57.60 -1.21 -29.33	59.04 -1.38 -28.93	58.84 -1.31 -31.31	45.07 -1.22 -17.36	55.37 -1.34 -27.64	52.68 -1.32 -23.27	31.44 -1.49 0.00	34.84 -1.48 0.00	36.29 -1.33 0.00	44.73 -1.66 0.00	45.19 -1.02 0.00	44.77 -1.01 0.00	29.56 -0.65 0.00	20.08 -0.41 0.00	25.98 -0.01 0.00
STILLWATER___SOLAR 323814	29.36 1.32 0.00	28.46 1.25 0.00	28.05 1.14 0.00	11.19 0.47 0.00	3.69 0.16 0.00	11.21 0.50 0.00	31.29 1.34 0.00	33.59 1.40 0.00	32.28 1.12 0.00	30.40 0.92 0.00	32.43 0.93 0.00	29.77 0.93 0.00	29.73 0.80 0.00	30.03 0.96 0.00	31.66 0.92 0.00	33.94 1.01 0.00	37.60 1.29 0.00	39.23 1.61 0.00	48.62 2.23 0.00	48.29 2.09 0.00	47.76 1.98 0.00	31.62 1.40 0.00	21.54 1.05 0.00	27.32 1.33 0.00
STONY___BROOK 24151	55.04 3.05 -23.95	47.00 2.96 -16.83	33.37 2.71 -3.74	15.46 1.11 -3.63	25.41 0.38 -21.50	55.34 1.16 -43.48	51.19 3.10 -18.14	35.56 3.38 0.00	34.61 3.41 -0.04	32.92 3.02 -0.42	43.18 3.47 -8.21	43.83 3.30 -11.68	43.94 3.30 -11.71	44.21 3.31 -11.83	45.31 3.41 -11.17	54.60 3.69 -17.97	41.90 3.81 -1.78	45.30 3.77 -3.91	51.67 4.54 -0.74	51.67 4.14 -1.32	50.65 4.02 -0.86	28.96 2.56 3.81	24.91 2.14 -2.29	32.32 2.77 -3.57
STURGEON_POOL_HYD 23609	29.98 1.94 0.00	29.10 1.88 0.00	28.55 1.64 0.00	11.41 0.69 0.00	3.77 0.24 0.00	11.41 0.71 0.00	31.80 1.84 0.00	34.30 2.11 0.00	33.32 2.16 0.00	31.53 2.06 0.00	33.74 2.25 0.00	31.05 2.20 0.00	31.21 2.28 0.00	31.29 2.22 0.00	32.97 2.23 0.00	35.34 2.41 0.00	38.98 2.66 0.00	40.42 2.81 0.00	49.64 3.25 0.00	49.09 2.88 0.00	48.56 2.78 0.00	32.06 1.84 0.00	21.95 1.46 0.00	27.87 1.88 0.00

ST_LAW_115_BK7_LBMP 345037	27.71 -0.33 0.00	26.93 -0.28 0.00	26.79 -0.13 0.00	10.64 -0.07 0.00	3.49 -0.03 0.00	10.62 -0.08 0.00	29.83 -0.13 0.00	32.03 -0.16 0.00	31.02 -0.14 0.00	29.39 -0.09 0.00	31.42 -0.07 0.00	28.74 -0.11 0.00	28.84 -0.10 0.00	28.91 -0.16 0.00	30.71 -0.03 0.00	32.95 0.02 0.00	36.29 -0.02 0.00	37.43 -0.19 0.00	46.11 -0.28 0.00	46.20 -0.01 0.00	45.91 0.13 0.00	30.21 0.00 0.00	20.27 -0.22 0.00	25.54 -0.44 0.00
ST_LAW_115_BK8_LBMP 345038	27.71 -0.33 0.00	26.93 -0.28 0.00	26.79 -0.13 0.00	10.64 -0.07 0.00	3.49 -0.03 0.00	10.62 -0.08 0.00	29.83 -0.13 0.00	32.03 -0.16 0.00	31.02 -0.14 0.00	29.39 -0.09 0.00	31.42 -0.07 0.00	28.74 -0.11 0.00	28.84 -0.10 0.00	28.91 -0.16 0.00	30.71 -0.03 0.00	32.95 0.02 0.00	36.29 -0.02 0.00	37.43 -0.19 0.00	46.11 -0.28 0.00	46.20 -0.01 0.00	45.91 0.13 0.00	30.21 0.00 0.00	20.27 -0.22 0.00	25.54 -0.44 0.00
ST_LAW_230_BK5_LBMP 345035	27.75 -0.29 0.00	26.97 -0.24 0.00	26.82 -0.10 0.00	10.66 -0.06 0.00	3.50 -0.03 0.00	10.63 -0.07 0.00	29.85 -0.11 0.00	32.05 -0.13 0.00	31.05 -0.12 0.00	29.42 -0.06 0.00	31.44 -0.05 0.00	28.77 -0.08 0.00	28.87 -0.07 0.00	28.95 -0.13 0.00	30.72 -0.02 0.00	32.96 0.03 0.00	36.30 -0.01 0.00	37.48 -0.14 0.00	46.17 -0.22 0.00	46.23 0.02 0.00	45.92 0.15 0.00	30.22 0.01 0.00	20.29 -0.20 0.00	25.59 -0.39 0.00
ST_LAW_230_BK6_LBMP 345036	27.75 -0.29 0.00	26.97 -0.24 0.00	26.82 -0.10 0.00	10.66 -0.06 0.00	3.50 -0.03 0.00	10.63 -0.07 0.00	29.85 -0.11 0.00	32.05 -0.13 0.00	31.05 -0.12 0.00	29.42 -0.06 0.00	31.44 -0.05 0.00	28.77 -0.08 0.00	28.87 -0.07 0.00	28.95 -0.13 0.00	30.72 -0.02 0.00	32.96 0.03 0.00	36.30 -0.01 0.00	37.48 -0.14 0.00	46.17 -0.22 0.00	46.23 0.02 0.00	45.92 0.15 0.00	30.22 0.01 0.00	20.29 -0.20 0.00	25.59 -0.39 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.63 1.59 0.00	28.76 1.54 0.00	28.23 1.31 0.00	11.27 0.55 0.00	3.72 0.19 0.00	11.28 0.57 0.00	31.44 1.48 0.00	33.87 1.69 0.00	32.87 1.71 0.00	31.11 1.63 0.00	33.29 1.80 0.00	30.60 1.76 0.00	30.73 1.80 0.00	30.84 1.77 0.00	32.50 1.77 0.00	34.88 1.95 0.00	38.48 2.16 0.00	39.90 2.28 0.00	49.00 2.61 0.00	48.48 2.28 0.00	47.96 2.19 0.00	31.67 1.46 0.00	21.68 1.19 0.00	27.54 1.56 0.00
SWANROAD_115KV_TB1 355699	24.46 -2.31 1.26	24.87 -2.34 0.00	24.72 -2.20 0.00	9.84 -0.88 0.00	3.24 -0.28 0.00	9.76 -0.81 0.13	21.19 -2.29 6.48	18.88 -2.59 10.72	18.25 -2.38 10.53	17.35 -2.28 9.85	19.35 -2.43 9.71	15.82 -2.52 10.51	20.87 -2.27 5.80	17.59 -2.26 9.21	20.73 -2.24 7.76	30.16 -2.77 0.00	33.21 -3.11 0.00	33.79 -3.83 0.00	41.31 -5.08 0.00	41.69 -4.51 0.00	41.26 -4.51 0.00	27.25 -2.97 0.00	18.49 -2.00 0.00	24.26 -1.72 0.00
SYNERGY___BIOGAS 323694	26.18 -1.05 0.80	26.15 -1.07 0.00	25.94 -0.98 0.00	10.33 -0.39 0.00	3.40 -0.13 0.00	10.28 -0.34 0.08	24.94 -0.90 4.12	24.37 -0.98 6.84	23.63 -0.82 6.72	22.31 -0.87 6.29	24.23 -1.07 6.20	20.72 -1.41 6.72	24.09 -1.15 3.69	22.05 -1.17 5.86	24.76 -1.05 4.92	31.61 -1.32 0.00	34.90 -1.42 0.00	35.85 -1.78 0.00	44.03 -2.36 0.00	44.36 -1.84 0.00	43.95 -1.83 0.00	28.98 -1.23 0.00	19.60 -0.89 0.00	25.51 -0.48 0.00
SYRACUSE___ENERGY_ST1 323597	27.73 -0.31 0.00	26.92 -0.30 0.00	26.59 -0.33 0.00	10.59 -0.13 0.00	3.49 -0.04 0.00	10.59 -0.12 0.00	29.59 -0.36 0.00	31.83 -0.35 0.00	30.85 -0.31 0.00	29.18 -0.30 0.00	31.14 -0.35 0.00	28.47 -0.38 0.00	28.57 -0.36 0.00	28.72 -0.36 0.00	30.39 -0.34 0.00	32.52 -0.41 0.00	35.88 -0.43 0.00	37.19 -0.43 0.00	45.88 -0.51 0.00	45.66 -0.54 0.00	45.25 -0.53 0.00	29.87 -0.34 0.00	20.31 -0.19 0.00	25.89 -0.09 0.00
SYRACUSE___ENERGY_ST2 323598	27.73 -0.31 0.00	26.92 -0.30 0.00	26.59 -0.33 0.00	10.59 -0.13 0.00	3.49 -0.04 0.00	10.59 -0.12 0.00	29.59 -0.36 0.00	31.83 -0.35 0.00	30.85 -0.31 0.00	29.18 -0.30 0.00	31.14 -0.35 0.00	28.47 -0.38 0.00	28.57 -0.36 0.00	28.72 -0.36 0.00	30.39 -0.34 0.00	32.52 -0.41 0.00	35.88 -0.43 0.00	37.19 -0.43 0.00	45.88 -0.51 0.00	45.66 -0.54 0.00	45.25 -0.53 0.00	29.87 -0.34 0.00	20.31 -0.19 0.00	25.89 -0.09 0.00
SYRACUSE___POWER 24017	27.81 -0.23 0.00	26.98 -0.23 0.00	26.65 -0.27 0.00	10.61 -0.10 0.00	3.50 -0.03 0.00	10.61 -0.09 0.00	29.67 -0.28 0.00	31.94 -0.25 0.00	30.97 -0.19 0.00	29.29 -0.19 0.00	31.27 -0.22 0.00	28.58 -0.27 0.00	28.70 -0.23 0.00	28.85 -0.22 0.00	30.52 -0.21 0.00	32.64 -0.29 0.00	36.00 -0.31 0.00	37.31 -0.31 0.00	46.02 -0.37 0.00	45.85 -0.35 0.00	45.41 -0.37 0.00	29.99 -0.22 0.00	20.39 -0.11 0.00	25.99 0.00 0.00
TALLMAN_138KV_BK151 55660	29.79 1.76 0.00	28.92 1.71 0.00	28.37 1.45 0.00	11.34 0.62 0.00	3.75 0.22 0.00	11.35 0.64 0.00	31.62 1.67 0.00	34.08 1.90 0.00	33.08 1.92 0.00	31.29 1.82 0.00	33.49 2.00 0.00	30.80 1.96 0.00	30.94 2.00 0.00	31.04 1.97 0.00	32.73 2.00 0.00	35.13 2.20 0.00	38.73 2.42 0.00	40.16 2.54 0.00	49.28 2.89 0.00	48.73 2.53 0.00	48.20 2.42 0.00	31.82 1.61 0.00	21.80 1.31 0.00	27.70 1.72 0.00
TEALLAVE_115KV_TB7 355573	27.66 -0.37 0.00	26.84 -0.37 0.00	26.53 -0.39 0.00	10.56 -0.15 0.00	3.48 -0.05 0.00	10.56 -0.15 0.00	29.52 -0.44 0.00	31.77 -0.42 0.00	30.82 -0.34 0.00	29.15 -0.33 0.00	31.13 -0.36 0.00	28.45 -0.39 0.00	28.56 -0.37 0.00	28.72 -0.35 0.00	30.38 -0.35 0.00	32.51 -0.42 0.00	35.86 -0.46 0.00	37.16 -0.46 0.00	45.81 -0.57 0.00	45.64 -0.56 0.00	45.19 -0.59 0.00	29.84 -0.37 0.00	20.29 -0.20 0.00	25.88 -0.11 0.00
TELGRAPH_34_KV_EAST 80808	25.31 -1.67 1.05	25.54 -1.67 0.00	25.36 -1.56 0.00	10.10 -0.62 0.00	3.32 -0.20 0.00	10.02 -0.58 0.11	22.94 -1.62 5.41	21.44 -1.80 8.95	20.76 -1.61 8.79	19.66 -1.59 8.23	21.64 -1.74 8.11	18.14 -1.92 8.78	22.41 -1.68 4.84	19.70 -1.69 7.68	22.67 -1.61 6.45	30.92 -2.01 0.00	34.09 -2.23 0.00	34.89 -2.73 0.00	42.74 -3.65 0.00	43.10 -3.10 0.00	42.66 -3.12 0.00	28.16 -2.06 0.00	19.07 -1.42 0.00	24.92 -1.07 0.00
TEMPLE___115KV_TB 2 55572	27.69 -0.35 0.00	26.87 -0.35 0.00	26.54 -0.38 0.00	10.57 -0.15 0.00	3.48 -0.04 0.00	10.57 -0.14 0.00	29.53 -0.42 0.00	31.78 -0.40 0.00	30.85 -0.31 0.00	29.17 -0.31 0.00	31.15 -0.34 0.00	28.48 -0.37 0.00	28.59 -0.35 0.00	28.74 -0.33 0.00	30.41 -0.33 0.00	32.53 -0.39 0.00	35.89 -0.43 0.00	37.18 -0.44 0.00	45.84 -0.55 0.00	45.66 -0.54 0.00	45.21 -0.56 0.00	29.86 -0.36 0.00	20.31 -0.19 0.00	25.89 -0.10 0.00
TIANA___69_KV_BK 1 55817	55.48 3.49 -23.95	47.41 3.36 -16.84	33.73 3.07 -3.75	15.58 1.23 -3.64	25.47 0.43 -21.52	55.53 1.33 -43.50	51.76 3.66 -18.14	36.18 3.99 0.00	35.28 4.08 -0.03	33.48 3.61 -0.40	43.61 4.06 -8.06	44.09 3.78 -11.47	44.14 3.85 -11.36	44.33 3.81 -11.45	45.38 3.93 -10.72	52.43 4.29 -15.20	42.48 4.57 -1.59	44.77 4.59 -2.56	52.02 5.52 -0.12	52.32 5.03 -1.09	51.28 4.83 -0.67	29.08 2.93 4.06	24.87 2.32 -2.06	32.30 2.94 -3.37

TILDEN___115KV_TB1 80814	27.81 -0.23 0.00	26.98 -0.23 0.00	26.65 -0.27 0.00	10.61 -0.10 0.00	3.50 -0.03 0.00	10.61 -0.09 0.00	29.67 -0.28 0.00	31.94 -0.25 0.00	30.97 -0.19 0.00	29.29 -0.19 0.00	31.27 -0.22 0.00	28.58 -0.27 0.00	28.70 -0.23 0.00	28.85 -0.22 0.00	30.52 -0.21 0.00	32.64 -0.29 0.00	36.00 -0.31 0.00	37.31 -0.31 0.00	46.02 -0.37 0.00	45.85 -0.35 0.00	45.41 -0.37 0.00	29.99 -0.22 0.00	20.39 -0.11 0.00	25.99 0.00 0.00
TRIGEN___CC 323695	54.49 2.50 -23.95	45.74 2.42 -16.11	32.35 2.15 -3.29	14.79 0.89 -3.18	22.66 0.31 -18.82	52.92 0.93 -41.28	50.52 2.42 -18.14	34.86 2.68 0.00	33.91 2.73 -0.01	35.13 2.51 -3.14	61.29 2.83 -26.97	69.74 2.71 -38.19	87.16 2.76 -55.47	91.06 2.74 -59.25	99.91 2.78 -66.40	65.14 3.01 -29.20	64.11 3.27 -24.52	64.02 3.33 -23.06	70.76 3.97 -20.40	80.13 3.61 -30.32	73.25 3.46 -24.02	59.89 2.27 -27.41	53.49 1.83 -31.16	55.87 2.37 -27.52
TRINITY__115KV__4 BK 55933	28.67 0.63 0.00	27.81 0.60 0.00	27.41 0.49 0.00	10.94 0.22 0.00	3.60 0.08 0.00	10.94 0.23 0.00	30.46 0.51 0.00	32.72 0.53 0.00	31.55 0.39 0.00	29.77 0.29 0.00	31.81 0.32 0.00	29.26 0.42 0.00	29.25 0.31 0.00	29.46 0.40 0.00	31.02 0.28 0.00	33.21 0.28 0.00	36.69 0.37 0.00	38.16 0.54 0.00	47.14 0.75 0.00	46.76 0.55 0.00	46.25 0.47 0.00	30.65 0.44 0.00	21.03 0.53 0.00	26.69 0.71 0.00
UNION___PROCESSING_DRP 323587	26.89 -1.15 0.00	26.15 -1.07 0.00	25.91 -1.01 0.00	10.31 -0.41 0.00	3.39 -0.14 0.00	10.30 -0.41 0.00	28.78 -1.18 0.00	30.88 -1.30 0.00	30.01 -1.16 0.00	28.35 -1.12 0.00	30.27 -1.23 0.00	27.52 -1.33 0.00	27.76 -1.18 0.00	27.92 -1.15 0.00	29.63 -1.10 0.00	31.64 -1.29 0.00	34.87 -1.45 0.00	35.93 -1.69 0.00	44.16 -2.23 0.00	44.30 -1.90 0.00	43.87 -1.91 0.00	28.93 -1.29 0.00	19.59 -0.90 0.00	25.31 -0.67 0.00
UPPER HUDSON___HYD 24058	29.52 1.48 0.00	28.59 1.38 0.00	28.16 1.24 0.00	11.23 0.51 0.00	3.70 0.18 0.00	11.28 0.58 0.00	31.54 1.59 0.00	33.87 1.69 0.00	32.47 1.31 0.00	30.50 1.03 0.00	32.57 1.09 0.00	29.84 0.99 0.00	29.84 0.90 0.00	30.18 1.11 0.00	31.87 1.14 0.00	34.26 1.33 0.00	37.93 1.62 0.00	39.70 2.08 0.00	49.15 2.76 0.00	48.90 2.69 0.00	48.33 2.55 0.00	31.97 1.75 0.00	21.70 1.21 0.00	27.42 1.43 0.00
UPPER RAQUET___HYD 24056	27.07 -0.97 0.00	26.32 -0.89 0.00	26.21 -0.71 0.00	10.41 -0.31 0.00	3.41 -0.12 0.00	10.41 -0.30 0.00	29.41 -0.55 0.00	31.56 -0.62 0.00	30.48 -0.69 0.00	28.82 -0.65 0.00	30.79 -0.70 0.00	28.12 -0.73 0.00	28.12 -0.82 0.00	28.17 -0.91 0.00	30.09 -0.64 0.00	32.33 -0.60 0.00	35.59 -0.72 0.00	36.58 -1.04 0.00	45.19 -1.19 0.00	45.39 -0.82 0.00	45.18 -0.60 0.00	29.73 -0.49 0.00	19.88 -0.62 0.00	24.96 -1.02 0.00
VALLEY44_115KV_TB2 355964	26.45 -0.87 0.72	26.46 -0.76 0.00	26.21 -0.71 0.00	10.45 -0.27 0.00	3.44 -0.08 0.00	10.40 -0.23 0.07	25.77 -0.51 3.67	25.47 -0.65 6.06	24.71 -0.50 5.95	23.39 -0.49 5.60	25.48 -0.53 5.47	21.97 -0.90 5.97	24.98 -0.69 3.27	23.11 -0.75 5.21	25.76 -0.67 4.31	31.95 -0.98 0.00	35.04 -1.28 0.00	36.02 -1.60 0.00	44.24 -2.15 0.00	44.46 -1.75 0.00	43.92 -1.85 0.00	29.01 -1.20 0.00	19.74 -0.75 0.00	25.70 -0.28 0.00
VALLEY___115KV_TB 1-4 80826	28.32 0.28 0.00	27.44 0.22 0.00	26.95 0.03 0.00	10.75 0.04 0.00	3.55 0.02 0.00	10.79 0.09 0.00	30.09 0.14 0.00	32.29 0.10 0.00	31.08 -0.08 0.00	29.18 -0.29 0.00	31.11 -0.38 0.00	28.54 -0.30 0.00	28.61 -0.33 0.00	28.81 -0.26 0.00	30.42 -0.31 0.00	32.65 -0.28 0.00	36.04 -0.28 0.00	37.45 -0.17 0.00	46.46 0.07 0.00	46.21 0.00 0.00	45.74 -0.04 0.00	30.23 0.02 0.00	20.71 0.22 0.00	26.24 0.25 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.02 0.98 0.00	28.15 0.94 0.00	27.76 0.84 0.00	11.06 0.35 0.00	3.65 0.12 0.00	11.07 0.37 0.00	30.97 1.02 0.00	33.34 1.15 0.00	32.30 1.14 0.00	30.55 1.07 0.00	32.66 1.17 0.00	29.93 1.08 0.00	30.11 1.17 0.00	30.21 1.13 0.00	31.93 1.19 -0.01	34.20 1.27 0.00	37.69 1.37 0.00	39.06 1.44 0.00	48.20 1.81 0.00	47.91 1.71 0.00	47.45 1.68 0.00	31.29 1.08 0.00	21.29 0.80 0.00	27.05 1.06 0.00
VISCHER___FERRY HYD 24020	29.03 1.00 0.00	28.16 0.94 0.00	27.75 0.83 0.00	11.07 0.35 0.00	3.65 0.12 0.00	11.07 0.37 0.00	30.88 0.93 0.00	33.14 0.96 0.00	31.89 0.73 0.00	30.04 0.57 0.00	32.08 0.59 0.00	29.49 0.65 0.00	29.45 0.52 0.00	29.67 0.60 0.00	31.21 0.48 0.00	33.43 0.50 0.00	37.04 0.72 0.00	38.64 1.02 0.00	47.90 1.52 0.00	47.53 1.33 0.00	46.99 1.21 0.00	31.15 0.94 0.00	21.30 0.81 0.00	27.03 1.05 0.00
V_A_10_SYNC_DSASP 323832	25.33 -1.85 0.86	25.50 -1.71 0.00	25.33 -1.59 0.00	10.09 -0.63 0.00	3.31 -0.21 0.00	9.96 -0.65 0.09	23.61 -1.90 4.44	22.73 -2.09 7.36	22.04 -1.89 7.23	20.90 -1.82 6.76	22.85 -1.97 6.67	19.61 -2.02 7.22	23.12 -1.83 3.98	20.95 -1.81 6.31	23.61 -1.81 5.32	30.78 -2.15 0.00	33.86 -2.46 0.00	34.75 -2.87 0.00	42.61 -3.78 0.00	42.90 -3.31 0.00	42.46 -3.31 0.00	28.02 -2.19 0.00	18.99 -1.50 0.00	24.77 -1.22 0.00
V_CMM_10_SYNC_DSASP 323787	27.84 -0.19 0.00	27.07 -0.15 0.00	26.93 0.01 0.00	10.70 -0.02 0.00	3.51 -0.02 0.00	10.68 -0.03 0.00	29.98 0.03 0.00	32.19 0.00 0.00	31.17 0.01 0.00	29.53 0.06 0.00	31.58 0.08 0.00	28.88 0.04 0.00	28.98 0.05 0.00	29.04 -0.03 0.00	30.87 0.13 0.00	33.12 0.19 0.00	36.48 0.16 0.00	37.63 0.01 0.00	46.34 -0.04 0.00	46.43 0.22 0.00	46.13 0.35 0.00	30.37 0.15 0.00	20.36 -0.13 0.00	25.68 -0.31 0.00
V_CMP_10_SYNC_DSASP 323788	28.09 0.06 0.00	27.31 0.10 0.00	27.18 0.27 0.00	10.81 0.09 0.00	3.55 0.02 0.00	10.83 0.12 0.00	30.28 0.32 0.00	32.57 0.38 0.00	31.44 0.28 0.00	29.87 0.39 0.00	31.92 0.43 0.00	29.09 0.25 0.00	29.32 0.38 0.00	29.18 0.11 0.00	31.16 0.43 0.00	33.43 0.50 0.00	36.74 0.42 0.00	37.94 0.32 0.00	46.71 0.32 0.00	47.00 0.79 0.00	46.72 0.94 0.00	30.78 0.56 0.00	20.61 0.12 0.00	25.96 -0.02 0.00
V_D_10_SYNC_DSASP 323841	27.85 -0.19 0.00	27.09 -0.12 0.00	26.96 0.04 0.00	10.71 -0.01 0.00	3.51 -0.02 0.00	10.70 -0.01 0.00	30.13 0.18 0.00	32.34 0.15 0.00	31.30 0.13 0.00	29.64 0.17 0.00	31.68 0.18 0.00	28.97 0.12 0.00	29.06 0.12 0.00	29.10 0.03 0.00	30.97 0.24 0.00	33.25 0.32 0.00	36.61 0.30 0.00	37.65 0.03 0.00	46.40 0.01 0.00	46.50 0.29 0.00	46.23 0.45 0.00	30.41 0.20 0.00	20.38 -0.11 0.00	25.70 -0.29 0.00
V_E_10_SYNC_DSASP 323830	28.73 0.40 -0.29	27.78 0.57 0.00	27.45 0.53 0.00	10.92 0.20 0.00	3.60 0.07 0.00	11.06 0.32 -0.03	32.67 1.19 -1.52	35.82 1.13 -2.51	34.52 0.89 -2.47	32.33 0.55 -2.31	34.22 0.45 -2.28	31.62 0.31 -2.46	31.01 0.71 -1.37	32.20 0.95 -2.17	33.61 1.03 -1.84	33.75 0.81 0.00	37.06 0.74 0.00	38.86 1.24 0.00	48.33 1.94 0.00	48.60 2.40 0.00	48.22 2.44 0.00	31.79 1.58 0.00	21.50 1.01 0.00	27.54 1.55 0.00

V_F_30_NSYNC___DSASP 323816	29.39 1.35 0.00	28.50 1.29 0.00	28.10 1.18 0.00	11.20 0.48 0.00	3.69 0.17 0.00	11.23 0.52 0.00	31.35 1.39 0.00	33.65 1.46 0.00	32.35 1.18 0.00	30.46 0.98 0.00	32.50 1.01 0.00	29.83 0.99 0.00	29.82 0.88 0.00	30.10 1.03 0.00	31.74 1.01 0.00	34.04 1.11 0.00	37.70 1.38 0.00	39.31 1.70 0.00	48.71 2.32 0.00	48.40 2.19 0.00	47.85 2.08 0.00	31.68 1.46 0.00	21.58 1.09 0.00	27.36 1.37 0.00
V_F_30_SYNC_DSASP 323786	28.77 0.74 0.00	27.91 0.70 0.00	27.50 0.58 0.00	10.97 0.26 0.00	3.62 0.09 0.00	10.98 0.27 0.00	30.58 0.63 0.00	32.85 0.66 0.00	31.69 0.53 0.00	29.91 0.43 0.00	31.96 0.46 0.00	29.39 0.54 0.00	29.39 0.45 0.00	29.62 0.55 0.00	31.19 0.46 0.00	33.38 0.45 0.00	36.89 0.57 0.00	38.36 0.74 0.00	47.37 0.98 0.00	47.00 0.80 0.00	46.48 0.70 0.00	30.79 0.57 0.00	21.11 0.62 0.00	26.79 0.81 0.00
V_XM_10_SYNC_DSASP 323789	28.09 0.06 0.00	27.31 0.10 0.00	27.18 0.27 0.00	10.81 0.09 0.00	3.55 0.02 0.00	10.83 0.12 0.00	30.28 0.32 0.00	32.57 0.38 0.00	31.44 0.28 0.00	29.87 0.39 0.00	31.92 0.43 0.00	29.09 0.25 0.00	29.32 0.38 0.00	29.18 0.11 0.00	31.16 0.43 0.00	33.43 0.50 0.00	36.74 0.42 0.00	37.94 0.32 0.00	46.71 0.32 0.00	47.00 0.79 0.00	46.72 0.94 0.00	30.78 0.56 0.00	20.61 0.12 0.00	25.96 -0.02 0.00
W.BABYLN_69_KV_BK1 56697	55.03 3.04 -23.95	46.87 2.95 -16.70	33.25 2.67 -3.66	15.37 1.10 -3.55	24.94 0.38 -21.03	54.95 1.15 -43.09	51.18 3.08 -18.14	35.53 3.34 0.00	34.59 3.41 -0.02	33.45 3.00 -0.97	47.23 3.44 -12.30	49.54 3.23 -17.47	53.29 3.25 -21.11	54.29 3.22 -22.00	56.86 3.32 -22.81	48.70 3.55 -12.21	46.70 3.80 -6.59	45.84 3.77 -4.44	54.49 4.51 -3.58	57.89 4.18 -7.51	55.62 4.04 -5.80	35.91 2.64 -3.06	31.29 2.13 -8.66	37.66 2.81 -8.86
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.88 1.84 0.00	28.99 1.78 0.00	28.45 1.53 0.00	11.37 0.65 0.00	3.76 0.23 0.00	11.38 0.68 0.00	31.72 1.77 0.00	34.19 2.01 0.00	33.20 2.04 0.00	31.41 1.93 0.00	33.62 2.13 0.00	30.92 2.08 0.00	31.05 2.12 0.00	31.15 2.07 0.00	32.84 2.11 0.00	35.24 2.31 0.00	38.87 2.55 0.00	40.30 2.68 0.00	49.46 3.07 0.00	48.91 2.70 0.00	48.38 2.61 0.00	31.94 1.73 0.00	21.88 1.38 0.00	27.79 1.81 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.13 2.09 0.00	29.24 2.03 0.00	28.67 1.75 0.00	11.46 0.74 0.00	3.79 0.26 0.00	11.49 0.78 0.00	31.97 2.02 0.00	34.49 2.30 0.00	33.53 2.37 0.00	31.74 2.27 0.00	33.95 2.45 0.00	31.22 2.37 0.00	31.35 2.41 0.00	31.44 2.37 0.00	33.10 2.37 0.00	35.50 2.57 0.00	39.13 2.81 0.00	40.56 2.94 0.00	49.76 3.37 0.00	49.14 2.94 0.00	48.61 2.83 0.00	32.12 1.90 0.00	22.00 1.51 0.00	27.99 2.00 0.00
W50THST__13_KV_LOAD 356117	30.23 2.20 0.00	29.34 2.13 0.00	28.78 1.86 0.00	11.50 0.78 0.00	3.80 0.27 0.00	11.54 0.83 0.00	32.12 2.17 0.00	34.66 2.47 0.00	33.72 2.56 0.00	31.94 2.46 0.00	34.15 2.66 0.00	31.41 2.57 0.00	31.55 2.61 0.00	31.63 2.56 0.00	33.29 2.56 0.00	35.70 2.76 0.00	39.34 3.02 0.00	40.77 3.15 0.00	50.01 3.62 0.00	49.38 3.17 0.00	48.82 3.04 0.00	32.25 2.03 0.00	22.09 1.60 0.00	28.10 2.11 0.00
WADING RIVER_IC_1 23522	55.32 3.34 -23.95	47.27 3.22 -16.84	33.61 2.94 -3.75	15.54 1.19 -3.64	25.46 0.41 -21.52	55.47 1.27 -43.50	51.54 3.44 -18.14	35.94 3.75 0.00	35.01 3.82 -0.03	33.24 3.37 -0.39	43.35 3.82 -8.05	43.86 3.57 -11.45	43.84 3.59 -11.32	44.07 3.59 -11.41	45.13 3.72 -10.68	52.15 4.06 -15.16	42.19 4.30 -1.57	44.45 4.29 -2.53	51.67 5.19 -0.09	52.03 4.76 -1.07	51.05 4.62 -0.65	29.01 2.88 4.09	24.82 2.30 -2.03	32.28 2.94 -3.35
WADING RIVER_IC_2 23547	55.32 3.34 -23.95	47.27 3.22 -16.84	33.61 2.94 -3.75	15.54 1.19 -3.64	25.46 0.41 -21.52	55.47 1.27 -43.50	51.54 3.44 -18.14	35.94 3.75 0.00	35.01 3.82 -0.03	33.24 3.37 -0.39	43.35 3.82 -8.05	43.86 3.57 -11.45	43.84 3.59 -11.32	44.07 3.59 -11.41	45.13 3.72 -10.68	52.15 4.06 -15.16	42.19 4.30 -1.57	44.45 4.29 -2.53	51.67 5.19 -0.09	52.03 4.76 -1.07	51.05 4.62 -0.65	29.01 2.88 4.09	24.82 2.30 -2.03	32.28 2.94 -3.35
WADING RIVER_IC_3 23601	55.32 3.34 -23.95	47.27 3.22 -16.84	33.61 2.94 -3.75	15.54 1.19 -3.64	25.46 0.41 -21.52	55.47 1.27 -43.50	51.54 3.44 -18.14	35.94 3.75 0.00	35.01 3.82 -0.03	33.24 3.37 -0.39	43.35 3.82 -8.05	43.86 3.57 -11.45	43.84 3.59 -11.32	44.07 3.59 -11.41	45.13 3.72 -10.68	52.15 4.06 -15.16	42.19 4.30 -1.57	44.45 4.29 -2.53	51.67 5.19 -0.09	52.03 4.76 -1.07	51.05 4.62 -0.65	29.01 2.88 4.09	24.82 2.30 -2.03	32.28 2.94 -3.35
WALDENNY_12_KV_BK2 80841	24.72 -1.67 1.65	25.59 -1.62 0.00	25.41 -1.51 0.00	10.12 -0.60 0.00	3.32 -0.20 0.00	9.95 -0.59 0.17	19.86 -1.63 8.46	16.40 -1.82 13.96	15.87 -1.58 13.71	15.10 -1.53 12.85	17.25 -1.63 12.61	13.36 -1.77 13.71	19.90 -1.50 7.54	15.56 -1.50 12.01	19.30 -1.43 10.01	31.14 -1.79 0.00	34.28 -2.04 0.00	35.13 -2.49 0.00	43.05 -3.34 0.00	43.40 -2.80 0.00	42.95 -2.83 0.00	28.33 -1.88 0.00	19.20 -1.29 0.00	25.10 -0.88 0.00
WALDEN___HYDRO 24148	29.80 1.76 0.00	28.92 1.71 0.00	28.38 1.47 0.00	11.33 0.61 0.00	3.74 0.22 0.00	11.34 0.64 0.00	31.62 1.67 0.00	34.08 1.89 0.00	33.09 1.93 0.00	31.29 1.81 0.00	33.49 2.00 0.00	30.79 1.95 0.00	30.94 2.00 0.00	31.03 1.97 0.00	32.70 1.97 0.00	35.07 2.14 0.00	38.70 2.38 0.00	40.15 2.53 0.00	49.32 2.94 0.00	48.80 2.60 0.00	48.29 2.51 0.00	31.88 1.67 0.00	21.82 1.33 0.00	27.71 1.72 0.00
WARRENSBURG____ 23737	29.52 1.48 0.00	28.59 1.38 0.00	28.16 1.24 0.00	11.23 0.51 0.00	3.70 0.18 0.00	11.28 0.58 0.00	31.54 1.59 0.00	33.87 1.69 0.00	32.47 1.31 0.00	30.51 1.03 0.00	32.58 1.09 0.00	29.84 0.99 0.00	29.84 0.91 0.00	30.18 1.11 0.00	31.88 1.14 0.00	34.26 1.33 0.00	37.94 1.62 0.00	39.70 2.08 0.00	49.15 2.76 0.00	48.90 2.69 0.00	48.33 2.56 0.00	31.97 1.75 0.00	21.70 1.21 0.00	27.42 1.43 0.00
WATERSIDE___6 8 9 23538	30.17 2.13 0.00	29.28 2.07 0.00	28.71 1.79 0.00	11.48 0.76 0.00	3.80 0.27 0.00	11.51 0.80 -0.01	32.00 2.05 0.00	33.90 2.33 0.61	30.63 2.40 2.93	28.37 2.30 3.40	31.07 2.51 2.93	27.93 2.44 3.36	28.04 2.47 3.37	28.16 2.44 3.36	30.17 2.45 3.01	33.07 2.66 2.51	37.42 2.87 1.76	39.14 2.98 1.46	49.39 3.39 0.39	49.16 2.95 0.00	48.64 2.86 0.00	30.33 1.94 1.82	22.03 1.54 0.00	28.00 2.01 0.00
WATKINRD_115KV_LN8_ILLION 55919	28.29 0.25 0.00	27.42 0.21 0.00	26.99 0.07 0.00	10.76 0.05 0.00	3.55 0.02 0.00	10.78 0.08 0.00	30.10 0.15 0.00	32.30 0.12 0.00	31.13 -0.03 0.00	29.29 -0.19 0.00	31.25 -0.24 0.00	28.66 -0.19 0.00	28.71 -0.22 0.00	28.90 -0.16 0.00	30.54 -0.20 0.00	32.75 -0.18 0.00	36.16 -0.16 0.00	37.56 -0.06 0.00	46.52 0.13 0.00	46.27 0.07 0.00	45.80 0.02 0.00	30.26 0.05 0.00	20.69 0.20 0.00	26.23 0.25 0.00

WDELAWARE___HYD 323627	29.99 1.96 0.00	29.25 2.03 0.00	28.73 1.81 0.00	11.48 0.76 0.00	3.79 0.26 0.00	11.50 0.79 0.00	32.08 2.13 0.00	34.59 2.40 0.00	33.59 2.43 0.00	31.75 2.28 0.00	34.04 2.55 0.00	31.30 2.46 0.00	31.48 2.54 0.00	31.55 2.47 0.00	33.23 2.49 0.00	35.60 2.67 0.00	39.32 3.00 0.00	40.81 3.20 0.00	50.20 3.81 0.00	49.68 3.47 0.00	49.13 3.35 0.00	32.39 2.17 0.00	22.11 1.62 0.00	28.07 2.08 0.00
WEST BABYLON___IC 23714	55.03 3.04 -23.95	46.87 2.95 -16.70	33.25 2.67 -3.66	15.37 1.10 -3.55	24.94 0.38 -21.03	54.95 1.15 -43.09	51.18 3.08 -18.14	35.53 3.34 0.00	34.59 3.41 -0.02	33.45 3.00 -0.97	47.23 3.44 -12.30	49.54 3.23 -17.47	53.29 3.25 -21.11	54.29 3.22 -22.00	56.86 3.32 -22.81	48.70 3.55 -12.21	46.70 3.80 -6.59	45.84 3.77 -4.44	54.49 4.51 -3.58	57.89 4.18 -7.51	55.62 4.04 -5.80	35.91 2.64 -3.06	31.29 2.13 -8.66	37.66 2.81 -8.86
WEST CANADA___HYD 24049	28.09 0.05 0.00	27.26 0.05 0.00	26.92 0.01 0.00	10.73 0.01 0.00	3.53 0.01 0.00	10.72 0.01 0.00	29.95 -0.01 0.00	32.17 -0.02 0.00	31.13 -0.03 0.00	29.42 -0.06 0.00	31.42 -0.07 0.00	28.79 -0.06 0.00	28.86 -0.07 0.00	29.02 -0.05 0.00	30.64 -0.09 0.00	32.84 -0.09 0.00	36.24 -0.07 0.00	37.57 -0.05 0.00	46.34 -0.05 0.00	46.11 -0.09 0.00	45.65 -0.12 0.00	30.17 -0.04 0.00	20.53 0.04 0.00	26.06 0.07 0.00
WESTERN_NY_WIND 24143	26.08 -1.10 0.87	26.10 -1.11 0.00	25.90 -1.02 0.00	10.31 -0.41 0.00	3.39 -0.13 0.00	10.26 -0.36 0.09	24.57 -0.95 4.43	23.80 -1.03 7.36	23.08 -0.86 7.23	21.80 -0.91 6.77	23.70 -1.12 6.67	20.16 -1.46 7.22	23.78 -1.18 3.97	21.56 -1.21 6.31	24.35 -1.09 5.29	31.55 -1.38 0.00	34.84 -1.47 0.00	35.78 -1.84 0.00	43.94 -2.45 0.00	44.29 -1.92 0.00	43.86 -1.92 0.00	28.93 -1.29 0.00	19.57 -0.92 0.00	25.47 -0.52 0.00
WESTOVER___LESR 323668	28.02 -0.02 0.00	27.21 0.00 0.00	26.85 -0.06 0.00	10.70 -0.01 0.00	3.53 0.00 0.00	10.71 0.01 0.00	29.99 0.04 0.00	32.24 0.05 0.00	31.26 0.10 0.00	29.54 0.07 0.00	31.59 0.09 -0.01	28.79 -0.06 0.00	29.00 0.06 0.00	29.09 0.01 0.00	30.78 0.03 -0.02	32.90 -0.03 0.00	36.27 -0.05 0.00	37.53 -0.09 0.00	46.26 -0.13 0.00	46.16 -0.04 0.00	45.63 -0.14 0.00	30.13 -0.08 0.00	20.53 0.03 0.00	26.25 0.26 0.00
WETHRSFD_WT_PWR 323626	20.17 -2.06 5.81	25.20 -2.01 0.00	25.00 -1.92 0.00	9.98 -0.74 0.00	3.27 -0.25 0.00	9.43 -0.69 0.59	-1.79 -1.83 29.91	-19.21 -1.99 49.40	-19.13 -1.78 48.51	-17.60 -1.73 45.35	-15.03 -1.90 44.63	-21.49 -1.93 48.40	0.37 -1.85 26.71	-15.29 -1.82 42.54	-6.70 -1.81 35.63	30.80 -2.13 0.00	34.02 -2.29 0.00	35.17 -2.45 0.00	43.29 -3.10 0.00	43.68 -2.52 0.00	43.25 -2.53 0.00	28.54 -1.67 0.00	19.39 -1.11 0.00	25.24 -0.74 0.00
WHAVSTOR_138KV_BK127 55557	29.77 1.74 0.00	28.90 1.68 0.00	28.36 1.44 0.00	11.33 0.61 0.00	3.75 0.22 0.00	11.34 0.64 0.00	31.60 1.65 0.00	34.06 1.87 0.00	33.06 1.89 0.00	31.26 1.79 0.00	33.46 1.97 0.00	30.78 1.93 0.00	30.90 1.97 0.00	31.01 1.94 0.00	32.69 1.96 0.00	35.08 2.15 0.00	38.68 2.36 0.00	40.11 2.49 0.00	49.23 2.84 0.00	48.67 2.46 0.00	48.15 2.37 0.00	31.80 1.58 0.00	21.78 1.29 0.00	27.69 1.70 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.77 1.74 0.00	28.90 1.68 0.00	28.36 1.44 0.00	11.33 0.61 0.00	3.75 0.22 0.00	11.34 0.64 0.00	31.60 1.65 0.00	34.06 1.87 0.00	33.06 1.89 0.00	31.26 1.79 0.00	33.46 1.97 0.00	30.78 1.93 0.00	30.90 1.97 0.00	31.01 1.94 0.00	32.69 1.96 0.00	35.08 2.15 0.00	38.68 2.36 0.00	40.11 2.49 0.00	49.23 2.84 0.00	48.67 2.46 0.00	48.15 2.37 0.00	31.80 1.58 0.00	21.78 1.29 0.00	27.69 1.70 0.00
WHITEHAL_115KV_TB1 80871	30.15 2.11 0.00	29.17 1.96 0.00	28.69 1.77 0.00	11.45 0.73 0.00	3.78 0.25 0.00	11.54 0.84 0.00	32.31 2.36 0.00	34.66 2.48 0.00	32.84 1.68 0.00	30.64 1.17 0.00	32.79 1.30 0.00	29.88 1.03 0.00	29.92 0.98 0.00	30.25 1.17 0.00	31.96 1.23 0.00	34.58 1.65 0.00	38.44 2.13 0.00	40.67 3.05 0.00	50.34 3.94 0.00	50.20 4.00 0.00	49.47 3.69 0.00	32.80 2.59 0.00	22.13 1.64 0.00	27.79 1.81 0.00
WHITEPLN_13_KV_LOAD 356215	30.18 2.14 0.00	29.28 2.06 0.00	28.72 1.80 0.00	11.48 0.76 0.00	3.79 0.27 0.00	11.50 0.79 0.00	32.03 2.08 0.00	34.56 2.37 0.00	33.58 2.42 0.00	31.77 2.29 0.00	34.02 2.53 0.00	31.27 2.43 0.00	31.41 2.48 0.00	31.49 2.41 0.00	33.19 2.46 0.00	35.61 2.68 0.00	39.26 2.95 0.00	40.72 3.10 0.00	49.97 3.58 0.00	49.40 3.20 0.00	48.84 3.07 0.00	32.25 2.03 0.00	22.07 1.58 0.00	28.06 2.07 0.00
WM_FLOYD_69_KV_BK2 356380	55.25 3.26 -23.95	47.20 3.16 -16.83	33.54 2.88 -3.74	15.52 1.17 -3.63	25.44 0.41 -21.51	55.43 1.24 -43.49	51.46 3.36 -18.14	35.85 3.66 0.00	34.92 3.73 -0.03	33.17 3.29 -0.41	43.35 3.73 -8.12	43.91 3.50 -11.56	43.97 3.54 -11.50	44.21 3.53 -11.61	45.30 3.66 -10.90	52.34 3.99 -15.42	42.20 4.22 -1.67	44.53 4.20 -2.71	51.67 5.07 -0.21	52.04 4.65 -1.19	51.03 4.50 -0.75	29.09 2.84 3.95	24.91 2.27 -2.15	32.36 2.92 -3.45
WOODARD___115KV_TB2 355635	27.62 -0.42 0.00	26.81 -0.41 0.00	26.48 -0.44 0.00	10.55 -0.17 0.00	3.47 -0.05 0.00	10.54 -0.17 0.00	29.46 -0.50 0.00	31.71 -0.47 0.00	30.76 -0.40 0.00	29.10 -0.38 0.00	31.07 -0.42 0.00	28.40 -0.45 0.00	28.51 -0.43 0.00	28.66 -0.41 0.00	30.32 -0.42 0.00	32.45 -0.48 0.00	35.79 -0.52 0.00	37.10 -0.51 0.00	45.75 -0.64 0.00	45.56 -0.64 0.00	45.12 -0.66 0.00	29.80 -0.41 0.00	20.26 -0.23 0.00	25.82 -0.17 0.00
WOODMERE_69_KV_BK1 55827	54.75 2.76 -23.95	46.19 2.68 -16.29	32.71 2.39 -3.40	15.00 0.99 -3.29	23.37 0.34 -19.50	53.51 1.02 -41.79	50.78 2.68 -18.14	35.13 2.94 0.00	34.19 3.01 -0.01	38.52 2.80 -6.24	87.96 3.15 -53.32	107.43 3.01 -75.58	144.14 3.05 -112.15	151.92 2.93 -119.92	164.71 2.98 -130.99	94.58 3.26 -58.39	91.87 3.53 -52.01	97.56 3.62 -56.32	100.85 4.35 -50.11	116.55 3.96 -66.39	102.62 3.80 -53.04	105.86 2.51 -73.14	96.76 2.00 -74.28	91.83 2.57 -63.28
YORK___WARBASSE 23770	30.19 2.16 0.00	29.34 2.13 0.00	28.84 1.92 0.00	11.53 0.81 0.00	3.81 0.28 0.00	11.56 0.85 -0.01	32.16 2.20 0.00	37.62 2.48 -2.95	47.75 2.52 -14.07	48.20 2.40 -16.31	48.16 2.62 -14.05	47.52 2.54 -16.13	47.66 2.56 -16.17	47.70 2.52 -16.11	47.75 2.54 -14.48	47.76 2.76 -12.07	47.77 2.99 -8.46	47.74 3.11 -7.01	51.75 3.48 -1.89	49.24 3.03 0.00	48.74 2.96 0.00	40.96 2.00 -8.74	22.08 1.59 0.00	28.05 2.06 0.00