

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/02/2025

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	29.17	26.76	27.19	28.80	30.10	32.59	37.28	47.83	34.14	30.70	32.24	33.47	29.00	30.16	29.51	30.87	36.25	37.46	52.74	70.31	62.36	62.81	58.48	33.24
24138	1.91	1.74	1.71	1.80	1.78	2.05	2.31	3.12	2.37	2.35	2.23	2.69	2.64	2.85	2.96	3.20	3.64	3.73	4.92	6.19	5.35	5.11	4.48	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.38	-0.32	0.00	-1.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	29.19	26.77	27.21	28.82	30.13	32.60	37.29	47.82	34.14	30.67	32.19	33.41	28.94	30.09	29.46	30.79	36.17	37.39	52.66	70.24	62.32	62.80	58.47	33.24
24260	1.93	1.76	1.73	1.82	1.80	2.07	2.31	3.11	2.37	2.31	2.20	2.64	2.58	2.78	2.91	3.12	3.57	3.66	4.84	6.12	5.32	5.10	4.48	2.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-0.32	0.00	-1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	29.19	26.77	27.21	28.82	30.13	32.60	37.29	47.82	34.14	30.67	32.19	33.41	28.94	30.09	29.46	30.79	36.17	37.39	52.66	70.24	62.32	62.80	58.47	33.24
24261	1.93	1.76	1.73	1.82	1.80	2.07	2.31	3.11	2.37	2.31	2.20	2.64	2.58	2.78	2.91	3.12	3.57	3.66	4.84	6.12	5.32	5.10	4.48	2.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.37	-0.32	0.00	-1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	28.77	26.40	27.01	28.61	29.99	32.34	37.01	47.23	33.63	29.81	27.84	31.79	27.49	27.14	27.98	29.38	34.65	36.01	51.32	68.69	60.90	61.79	57.41	32.48
24011	1.51	1.38	1.52	1.62	1.67	1.80	2.04	2.53	1.85	1.45	1.21	1.34	1.13	1.27	1.42	1.70	2.05	2.28	3.50	4.57	3.89	4.09	3.42	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.92	26.56	27.18	28.81	30.19	32.54	37.21	47.43	33.80	29.95	27.98	31.91	27.54	27.18	28.05	29.53	34.81	36.22	51.69	69.15	61.31	62.26	57.80	32.62
23798	1.66	1.54	1.69	1.81	1.86	2.00	2.24	2.73	2.02	1.60	1.35	1.46	1.18	1.31	1.50	1.86	2.21	2.49	3.87	5.03	4.30	4.57	3.81	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.77	26.40	27.01	28.61	29.99	32.34	37.01	47.23	33.63	29.81	27.84	31.79	27.49	27.14	27.98	29.38	34.65	36.01	51.32	68.69	60.90	61.79	57.41	32.48
24028	1.51	1.38	1.52	1.62	1.67	1.80	2.04	2.53	1.85	1.45	1.21	1.34	1.13	1.27	1.42	1.70	2.05	2.28	3.50	4.57	3.89	4.09	3.42	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.52	26.20	26.79	28.41	29.73	32.08	36.48	46.54	33.16	29.59	28.17	31.66	27.36	27.14	27.55	28.77	33.96	35.19	50.09	66.85	59.21	60.14	56.04	31.84
23527	1.26	1.18	1.31	1.42	1.40	1.55	1.51	1.83	1.39	1.23	1.05	1.16	1.00	1.06	1.00	1.10	1.36	1.46	2.27	2.72	2.20	2.45	2.04	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	-0.05	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	27.67	25.41	25.95	27.46	28.78	31.03	35.41	45.17	32.19	28.72	26.95	30.84	26.77	26.42	27.15	28.35	33.30	34.46	48.85	65.29	57.94	58.66	54.69	31.21
24190	0.40	0.39	0.46	0.47	0.45	0.49	0.43	0.47	0.41	0.37	0.32	0.39	0.41	0.54	0.60	0.68	0.70	0.73	1.03	1.17	0.93	0.96	0.69	0.44
	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
AKWESSNE_115KV_BK	27.03	24.76	25.23	13.55	28.14	30.33	34.92	44.85	31.74	28.26	26.55	30.26	25.99	25.13	3.20	-13.34	31.12	33.05	46.89	63.29	56.43	57.54	53.88	30.54
355683	-0.23	-0.26	-0.26	-0.30	-0.19	-0.20	-0.06	0.15	-0.03	-0.10	-0.08	-0.19	-0.37	-0.59	-0.62	-0.69	-0.66	-0.68	-0.93	-0.83	-0.57	-0.16	-0.11	-0.23
	0.00	0.00	0.00	13.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	22.73	40.33	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	28.18	25.88	26.43	27.98	29.32	31.62	36.13	46.07	32.76	29.06	27.00	30.89	26.78	26.45	27.29	28.45	33.55	34.77	49.54	66.44	59.03	59.74	55.75	31.79
323833	0.92	0.86	0.94	0.98	0.99	1.09	1.15	1.37	0.99	0.71	0.37	0.44	0.42	0.58	0.74	0.78	0.95	1.04	1.72	2.32	2.02	2.04	1.76	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	28.17	25.87	26.41	27.97	29.32	31.61	36.11	46.06	32.76	29.06	27.00	30.89	26.78	26.45	27.29	28.45	33.54	34.77	49.53	66.41	59.01	59.72	55.74	31.78
323834	0.91	0.85	0.93	0.98	0.99	1.07	1.14	1.36	0.98	0.70	0.37	0.43	0.42	0.58	0.74	0.78	0.94	1.04	1.72	2.29	2.01	2.02	1.74	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	27.67	25.41	25.95	27.46	28.78	31.03	35.41	45.17	32.19	28.72	26.95	30.84	26.77	26.42	27.15	28.35	33.30	34.46	48.85	65.29	57.94	58.66	54.69	31.21
23571	0.40	0.39	0.46	0.47	0.45	0.49	0.43	0.47	0.41	0.37	0.32	0.39	0.41	0.54	0.60	0.68	0.70	0.73	1.03	1.17	0.93	0.96	0.69	0.44
	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

ALBANY___2 23572	27.67 0.40 0.00	25.41 0.39 0.00	25.95 0.46 0.00	27.46 0.47 0.00	28.78 0.45 0.00	31.03 0.49 0.00	35.41 0.43 0.00	45.17 0.47 0.00	32.19 0.41 0.00	28.72 0.37 0.00	26.95 0.32 0.00	30.84 0.39 0.00	26.77 0.41 0.00	26.42 0.54 0.00	27.15 0.60 0.00	28.35 0.68 0.00	33.30 0.70 0.00	34.46 0.73 0.00	48.85 1.03 0.00	65.29 1.17 0.00	57.94 0.93 0.00	58.66 0.96 0.00	54.69 0.69 0.00	31.21 0.44 0.00
ALBANY___3 23573	27.67 0.40 0.00	25.41 0.39 0.00	25.95 0.46 0.00	27.46 0.47 0.00	28.78 0.45 0.00	31.03 0.49 0.00	35.41 0.43 0.00	45.17 0.47 0.00	32.19 0.41 0.00	28.72 0.37 0.00	26.95 0.32 0.00	30.84 0.39 0.00	26.77 0.41 0.00	26.42 0.54 0.00	27.15 0.60 0.00	28.35 0.68 0.00	33.30 0.70 0.00	34.46 0.73 0.00	48.85 1.03 0.00	65.29 1.17 0.00	57.94 0.93 0.00	58.66 0.96 0.00	54.69 0.69 0.00	31.21 0.44 0.00
ALBANY___4 23574	27.67 0.40 0.00	25.41 0.39 0.00	25.95 0.46 0.00	27.46 0.47 0.00	28.78 0.45 0.00	31.03 0.49 0.00	35.41 0.43 0.00	45.17 0.47 0.00	32.19 0.41 0.00	28.72 0.37 0.00	26.95 0.32 0.00	30.84 0.39 0.00	26.77 0.41 0.00	26.42 0.54 0.00	27.15 0.60 0.00	28.35 0.68 0.00	33.30 0.70 0.00	34.46 0.73 0.00	48.85 1.03 0.00	65.29 1.17 0.00	57.94 0.93 0.00	58.66 0.96 0.00	54.69 0.69 0.00	31.21 0.44 0.00
ALBANY___LFGE 323615	27.91 0.65 0.00	25.64 0.62 0.00	26.17 0.69 0.00	27.71 0.71 0.00	29.03 0.70 0.00	31.32 0.78 0.00	35.76 0.78 0.00	45.64 0.94 0.00	32.52 0.75 0.00	29.00 0.65 0.00	27.19 0.56 0.00	31.16 0.70 0.00	27.03 0.67 0.00	26.68 0.81 0.00	27.41 0.86 0.00	28.63 0.96 0.00	33.68 1.08 0.00	34.87 1.13 0.00	49.42 1.60 0.00	66.05 1.93 0.00	58.60 1.59 0.00	59.31 1.61 0.00	55.28 1.29 0.00	31.52 0.75 0.00
ALCOA_PA_115KV_PL-6C 55860	27.11 -0.15 0.00	24.95 -0.20 -0.13	26.80 -0.21 -1.52	15.16 -0.25 11.59	29.82 -0.12 -1.61	31.41 -0.11 -0.98	35.04 0.07 0.00	45.02 0.32 0.00	31.85 0.07 0.00	28.34 -0.02 0.00	26.57 -0.05 0.00	30.26 -0.19 0.00	25.99 -0.37 0.00	25.12 -0.60 0.15	3.91 -0.65 21.99	-12.24 -0.61 39.30	30.95 -0.63 1.02	33.08 -0.66 0.00	46.79 -1.03 0.00	63.29 -0.84 0.00	56.48 -0.53 0.00	57.78 0.08 0.00	54.10 0.11 0.00	30.66 -0.11 0.00
ALCOA_RYNLDS___DRP 24188	27.11 -0.15 0.00	24.95 -0.20 -0.13	26.80 -0.21 -1.52	15.16 -0.25 11.59	29.82 -0.12 -1.61	31.41 -0.11 -0.98	35.04 0.07 0.00	45.02 0.32 0.00	31.85 0.07 0.00	28.34 -0.02 0.00	26.57 -0.05 0.00	30.26 -0.19 0.00	25.99 -0.37 0.00	25.12 -0.60 0.15	3.91 -0.65 21.99	-12.24 -0.61 39.30	30.95 -0.63 1.02	33.08 -0.66 0.00	46.79 -1.03 0.00	63.29 -0.84 0.00	56.48 -0.53 0.00	57.78 0.08 0.00	54.10 0.11 0.00	30.66 0.00 0.00
ALCOA___DSASP 323711	27.11 -0.15 0.00	24.95 -0.20 -0.13	26.80 -0.21 -1.52	15.16 -0.25 11.59	29.82 -0.12 -1.61	31.41 -0.11 -0.98	35.04 0.07 0.00	45.02 0.32 0.00	31.85 0.08 0.00	28.34 -0.01 0.00	26.58 -0.05 0.00	30.26 -0.19 0.00	25.99 -0.37 0.00	25.12 -0.60 0.15	3.91 -0.65 21.99	-12.24 -0.61 39.30	30.95 -0.63 1.02	33.08 -0.66 0.00	46.79 -1.03 0.00	63.29 -0.84 0.00	56.48 -0.53 0.00	57.77 0.07 0.00	54.10 0.11 0.00	30.66 -0.11 0.00
ALLEGHENY___COGEN 23514	26.95 -0.31 0.00	24.79 -0.23 0.00	24.91 -0.58 0.00	26.32 -0.68 0.00	27.76 -0.57 0.00	30.03 -0.50 0.00	34.58 -0.39 0.00	44.28 -0.42 0.00	31.32 -0.46 0.00	28.67 -0.53 -0.84	25.99 -0.64 -0.01	29.72 -0.73 0.00	27.50 -0.77 -1.92	27.63 -0.89 -2.65	27.21 -0.90 -1.56	28.63 -1.02 -1.97	34.32 -0.99 -2.71	33.46 -0.27 0.00	47.44 -0.38 0.00	63.80 -0.32 0.00	57.17 0.17 0.00	57.32 -0.38 0.00	54.05 0.05 0.00	31.05 0.27 0.00
ALTAMONT_115KV_TB 2 55880	27.90 0.64 0.00	25.63 0.61 0.00	26.15 0.66 0.00	27.70 0.70 0.00	29.02 0.69 0.00	31.28 0.74 0.00	35.74 0.76 0.00	45.63 0.93 0.00	32.49 0.71 0.00	28.97 0.61 0.00	27.16 0.53 0.00	31.10 0.64 0.00	26.98 0.62 0.00	26.61 0.74 0.00	27.36 0.80 0.00	28.56 0.89 0.00	33.61 1.01 0.00	34.78 1.05 0.00	49.29 1.48 0.00	65.97 1.85 0.00	58.58 1.57 0.00	59.30 1.60 0.00	55.34 1.34 0.00	31.52 0.75 0.00
ALTONA_WT_PWR 323606	26.71 -0.55 0.00	20.21 -0.83 3.97	-21.11 -1.03 45.57	-21.08 -1.13 46.95	-21.11 -1.04 48.40	-0.06 -1.06 29.54	34.17 -0.80 0.00	44.26 -0.44 0.00	31.35 -0.43 0.00	27.76 -0.59 0.00	26.08 -0.55 0.00	29.70 -0.76 0.00	25.37 -0.99 0.00	24.50 -1.21 0.16	2.39 -1.33 22.84	-14.21 -1.39 40.48	17.90 -1.53 13.17	32.25 -1.49 0.00	45.92 -1.90 0.00	62.08 -2.04 0.00	55.66 -1.34 0.00	56.90 -0.80 0.00	53.14 -0.85 0.00	30.28 -0.49 0.00
AMERICAN_REF_FUEL 24010	25.15 -2.11 0.00	23.22 -1.80 0.00	23.26 -2.23 0.00	24.62 -2.38 0.00	26.04 -2.29 0.00	28.10 -2.44 0.00	32.02 -2.96 0.00	40.83 -3.87 0.00	29.61 -2.17 0.00	26.34 -1.77 0.24	25.19 -1.44 0.00	28.54 -1.91 0.00	24.10 -1.80 0.46	23.47 -1.78 0.63	24.36 -1.82 0.37	25.11 -2.09 0.47	29.56 -2.40 0.64	30.58 -3.15 0.00	43.14 -4.68 0.00	58.24 -5.88 0.00	51.71 -5.30 0.00	51.84 -5.86 0.00	49.80 -4.20 0.00	28.90 -1.87 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.57 -1.69 0.00	23.53 -1.49 0.00	23.39 -2.10 0.00	24.89 -2.11 0.00	26.39 -1.94 0.00	29.01 -1.53 0.00	33.52 -1.46 0.00	42.67 -2.03 0.00	30.76 -1.02 0.00	27.43 -0.70 0.22	25.94 -0.69 0.00	29.45 -1.01 0.00	25.20 -0.73 0.42	24.41 -0.87 0.59	25.32 -0.87 0.37	26.16 -1.05 0.46	30.79 -1.18 0.64	32.40 -1.34 0.00	46.13 -1.69 0.00	62.21 -1.91 0.00	55.06 -1.95 0.00	55.08 -2.62 0.00	52.05 -1.94 0.00	30.19 -0.59 0.00
ARTHUR KILL_GT_1 23520	29.24 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.87 1.87 0.00	30.20 1.87 0.00	32.66 2.12 0.00	37.35 2.37 0.00	47.79 3.09 0.00	34.12 2.34 0.00	30.61 2.25 -0.01	32.05 2.05 -3.37	33.32 2.54 -0.33	28.80 2.44 -0.01	30.37 2.54 -1.96	45.20 2.57 -16.08	45.17 2.77 -14.73	50.47 3.13 -14.74	46.64 3.22 -9.69	57.72 4.23 -5.67	69.44 5.33 0.01	61.66 4.65 0.00	62.19 4.49 0.00	58.11 4.11 0.00	33.18 2.40 0.00
ARTHUR_KILL_2 23512	29.17 1.90 0.00	26.76 1.74 0.00	27.18 1.69 0.00	28.81 1.81 0.00	30.13 1.80 0.00	32.58 2.05 0.00	37.24 2.27 0.00	47.67 2.97 0.00	34.03 2.25 0.00	30.54 2.17 -0.01	31.98 1.98 -3.37	33.25 2.47 -0.33	28.74 2.37 -0.01	30.32 2.49 -1.96	45.12 2.49 -16.08	45.09 2.69 -14.73	50.38 3.03 -14.74	46.54 3.12 -9.69	57.57 4.07 -5.67	69.21 5.09 0.01	61.45 4.44 0.00	62.00 4.30 0.00	57.93 3.93 0.00	33.09 2.31 0.00
ARTHUR_KILL_3 23513	28.91 1.65 0.00	26.53 1.51 0.00	26.95 1.47 0.00	28.55 1.56 0.00	29.85 1.53 0.00	32.30 1.77 0.00	36.90 1.93 0.00	47.31 2.60 0.00	33.75 1.98 0.00	30.32 1.97 0.00	31.85 1.85 -3.37	33.01 2.23 -0.32	28.60 2.24 0.00	30.30 2.48 -1.95	48.78 2.58 -19.65	45.20 2.81 -14.72	50.53 3.19 -14.74	46.70 3.27 -9.70	57.82 4.33 -5.68	69.53 5.41 0.00	61.72 4.71 0.00	62.23 4.53 0.00	57.90 3.91 0.00	32.94 2.17 0.00

ARTHUR_KILL_COGEN 323718	29.24 1.98 0.00	26.83 1.81 0.00	27.24 1.76 0.00	28.88 1.88 0.00	30.20 1.87 0.00	32.66 2.12 0.00	37.34 2.37 0.00	47.79 3.09 0.00	34.12 2.34 0.00	30.61 2.25 -0.01	32.05 2.05 -3.37	33.32 2.54 -0.33	28.79 2.43 -0.01	30.37 2.54 -1.96	45.19 2.56 -16.08	45.17 2.77 -14.73	50.47 3.13 -14.74	46.65 3.22 -9.69	57.72 4.23 -5.67	69.44 5.33 0.01	61.66 4.66 0.00	62.20 4.50 0.00	58.11 4.11 0.00	33.18 2.40 0.00
ASHOKAN____ 23654	28.47 1.21 0.00	26.10 1.09 0.00	26.61 1.12 0.00	28.17 1.17 0.00	29.50 1.18 0.00	31.85 1.31 0.00	36.46 1.49 0.00	46.67 1.97 0.00	33.28 1.51 0.00	29.60 1.25 0.00	27.60 0.97 0.00	31.44 0.99 0.00	27.34 0.98 0.00	27.19 1.32 0.00	27.98 1.43 0.00	29.23 1.56 0.00	34.70 2.10 0.00	36.13 2.40 0.00	51.14 3.33 0.00	68.51 4.38 0.00	60.94 3.93 0.00	61.48 3.78 0.00	57.19 3.20 0.00	32.41 1.63 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.04 1.77 0.00	26.65 1.63 0.00	27.08 1.60 0.00	28.67 1.67 0.00	29.92 1.59 0.00	32.37 1.84 0.00	37.06 2.09 0.00	47.53 2.83 0.00	33.94 2.16 0.00	30.45 2.08 -0.01	31.92 1.92 -3.37	33.18 2.35 -0.37	28.69 2.33 -0.01	30.48 2.53 -2.07	32.58 2.66 -3.37	30.51 2.84 0.00	35.80 3.20 0.00	37.00 3.27 0.00	52.12 4.31 0.00	69.59 5.46 0.00	61.78 4.77 0.00	62.29 4.59 0.00	58.08 4.09 0.00	33.01 2.24 0.00
ASTORIA_EAST_ENERGY_CC2 323582	29.04 1.77 0.00	26.65 1.63 0.00	27.08 1.59 0.00	28.67 1.67 0.00	29.92 1.59 0.00	32.37 1.84 0.00	37.06 2.09 0.00	47.53 2.83 0.00	33.94 2.16 0.00	30.44 2.08 -0.01	31.92 1.92 -3.37	33.18 2.35 -0.37	28.69 2.32 -0.01	30.48 2.53 -2.07	32.58 2.66 -3.37	30.51 2.84 0.00	35.80 3.20 0.00	37.00 3.27 0.00	52.12 4.31 0.00	69.58 5.46 0.00	61.78 4.77 0.00	62.29 4.59 0.00	58.08 4.09 0.00	33.01 2.24 0.00
ASTORIA_GT2_1 24094	29.04 1.77 0.00	26.66 1.64 0.00	27.09 1.60 0.00	28.67 1.67 0.00	29.93 1.61 0.00	32.39 1.85 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.08 -0.01	31.95 1.95 -3.37	33.20 2.37 -0.37	28.71 2.35 -0.01	30.49 2.54 -2.07	32.60 2.68 -3.37	30.54 2.87 0.00	35.82 3.22 0.00	36.99 3.26 0.00	52.14 4.32 0.00	69.62 5.50 0.00	61.81 4.81 0.00	62.31 4.61 0.00	58.11 4.11 0.00	33.03 2.26 0.00
ASTORIA_GT2_2 24095	29.04 1.77 0.00	26.66 1.64 0.00	27.09 1.60 0.00	28.67 1.67 0.00	29.93 1.61 0.00	32.39 1.85 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.08 -0.01	31.95 1.95 -3.37	33.20 2.37 -0.37	28.71 2.35 -0.01	30.49 2.54 -2.07	32.60 2.68 -3.37	30.54 2.87 0.00	35.82 3.22 0.00	36.99 3.26 0.00	52.14 4.32 0.00	69.62 5.50 0.00	61.81 4.81 0.00	62.31 4.61 0.00	58.11 4.11 0.00	33.03 2.26 0.00
ASTORIA_GT2_3 24096	29.04 1.77 0.00	26.66 1.64 0.00	27.09 1.60 0.00	28.67 1.67 0.00	29.93 1.61 0.00	32.39 1.85 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.08 -0.01	31.95 1.95 -3.37	33.20 2.37 -0.37	28.71 2.35 -0.01	30.49 2.54 -2.07	32.60 2.68 -3.37	30.54 2.87 0.00	35.82 3.22 0.00	36.99 3.26 0.00	52.14 4.32 0.00	69.62 5.50 0.00	61.81 4.81 0.00	62.31 4.61 0.00	58.11 4.11 0.00	33.03 2.26 0.00
ASTORIA_GT2_4 24097	29.04 1.77 0.00	26.66 1.64 0.00	27.09 1.60 0.00	28.67 1.67 0.00	29.93 1.61 0.00	32.39 1.85 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.08 -0.01	31.95 1.95 -3.37	33.20 2.37 -0.37	28.71 2.35 -0.01	30.49 2.54 -2.07	32.60 2.68 -3.37	30.54 2.87 0.00	35.82 3.22 0.00	36.99 3.26 0.00	52.14 4.32 0.00	69.62 5.50 0.00	61.81 4.81 0.00	62.31 4.61 0.00	58.11 4.11 0.00	33.03 2.26 0.00
ASTORIA_GT3_1 24098	29.04 1.77 0.00	26.66 1.64 0.00	27.09 1.60 0.00	28.67 1.67 0.00	29.93 1.61 0.00	32.39 1.85 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.08 -0.01	31.95 1.95 -3.37	33.20 2.37 -0.37	28.71 2.35 -0.01	30.49 2.54 -2.07	32.60 2.68 -3.37	30.54 2.87 0.00	35.82 3.22 0.00	36.99 3.26 0.00	52.14 4.32 0.00	69.62 5.50 0.00	61.81 4.81 0.00	62.31 4.61 0.00	58.11 4.11 0.00	33.03 2.26 0.00
ASTORIA_GT3_2 24099	29.04 1.77 0.00	26.66 1.64 0.00	27.09 1.60 0.00	28.67 1.67 0.00	29.93 1.61 0.00	32.39 1.85 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.08 -0.01	31.95 1.95 -3.37	33.20 2.37 -0.37	28.71 2.35 -0.01	30.49 2.54 -2.07	32.60 2.68 -3.37	30.54 2.87 0.00	35.82 3.22 0.00	36.99 3.26 0.00	52.14 4.32 0.00	69.62 5.50 0.00	61.81 4.81 0.00	62.31 4.61 0.00	58.11 4.11 0.00	33.03 2.26 0.00
ASTORIA_GT3_3 24100	29.04 1.77 0.00	26.66 1.64 0.00	27.09 1.60 0.00	28.67 1.67 0.00	29.93 1.61 0.00	32.39 1.85 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.08 -0.01	31.95 1.95 -3.37	33.20 2.37 -0.37	28.71 2.35 -0.01	30.49 2.54 -2.07	32.60 2.68 -3.37	30.54 2.87 0.00	35.82 3.22 0.00	36.99 3.26 0.00	52.14 4.32 0.00	69.62 5.50 0.00	61.81 4.81 0.00	62.31 4.61 0.00	58.11 4.11 0.00	33.03 2.26 0.00
ASTORIA_GT3_4 24101	29.04 1.77 0.00	26.66 1.64 0.00	27.09 1.60 0.00	28.67 1.67 0.00	29.93 1.61 0.00	32.39 1.85 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.08 -0.01	31.95 1.95 -3.37	33.20 2.37 -0.37	28.71 2.35 -0.01	30.49 2.54 -2.07	32.60 2.68 -3.37	30.54 2.87 0.00	35.82 3.22 0.00	36.99 3.26 0.00	52.14 4.32 0.00	69.62 5.50 0.00	61.81 4.81 0.00	62.31 4.61 0.00	58.11 4.11 0.00	33.03 2.26 0.00
ASTORIA_GT4_1 24102	29.04 1.77 0.00	26.66 1.64 0.00	27.09 1.60 0.00	28.67 1.67 0.00	29.93 1.61 0.00	32.39 1.85 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.08 -0.01	31.95 1.95 -3.37	33.20 2.37 -0.37	28.71 2.35 -0.01	30.49 2.54 -2.07	32.60 2.68 -3.37	30.54 2.87 0.00	35.82 3.22 0.00	36.99 3.26 0.00	52.14 4.32 0.00	69.62 5.50 0.00	61.81 4.81 0.00	62.31 4.61 0.00	58.11 4.11 0.00	33.03 2.26 0.00
ASTORIA_GT4_2 24103	29.04 1.77 0.00	26.66 1.64 0.00	27.09 1.60 0.00	28.67 1.67 0.00	29.93 1.61 0.00	32.39 1.85 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.08 -0.01	31.95 1.95 -3.37	33.20 2.37 -0.37	28.71 2.35 -0.01	30.49 2.54 -2.07	32.60 2.68 -3.37	30.54 2.87 0.00	35.82 3.22 0.00	36.99 3.26 0.00	52.14 4.32 0.00	69.62 5.50 0.00	61.81 4.81 0.00	62.31 4.61 0.00	58.11 4.11 0.00	33.03 2.26 0.00
ASTORIA_GT4_3 24104	29.04 1.77 0.00	26.66 1.64 0.00	27.09 1.60 0.00	28.67 1.67 0.00	29.93 1.61 0.00	32.39 1.85 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.08 -0.01	31.95 1.95 -3.37	33.20 2.37 -0.37	28.71 2.35 -0.01	30.49 2.54 -2.07	32.60 2.68 -3.37	30.54 2.87 0.00	35.82 3.22 0.00	36.99 3.26 0.00	52.14 4.32 0.00	69.62 5.50 0.00	61.81 4.81 0.00	62.31 4.61 0.00	58.11 4.11 0.00	33.03 2.26 0.00

ASTORIA_GT4_4 24105	29.04 1.77 0.00	26.66 1.64 0.00	27.09 1.60 0.00	28.67 1.67 0.00	29.93 1.61 0.00	32.39 1.85 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.08 -0.01	31.95 1.95 -3.37	33.20 2.37 -0.37	28.71 2.35 -0.01	30.49 2.54 -2.07	32.60 2.68 -3.37	30.54 2.87 0.00	35.82 3.22 0.00	36.99 3.26 0.00	52.14 4.32 0.00	69.62 5.50 0.00	61.81 4.81 0.00	62.31 4.61 0.00	58.11 4.11 0.00	33.03 2.26 0.00
ASTORIA_GT_1 23523	29.07 1.80 0.00	26.68 1.66 0.00	27.12 1.63 0.00	28.70 1.70 0.00	29.96 1.63 0.00	32.43 1.89 0.00	37.12 2.15 0.00	47.62 2.92 0.00	34.00 2.22 0.00	30.49 2.13 -0.01	32.00 2.00 -3.37	33.25 2.43 -0.37	28.76 2.39 -0.01	30.53 2.59 -2.07	32.65 2.73 -3.37	30.59 2.91 0.00	35.88 3.28 0.00	37.06 3.33 0.00	52.23 4.41 0.00	69.72 5.60 0.00	61.89 4.89 0.00	62.39 4.69 0.00	58.19 4.20 0.00	33.07 2.30 0.00
ASTORIA_GT_10 24110	29.09 1.83 0.00	26.68 1.66 0.00	27.11 1.62 0.00	28.71 1.71 0.00	30.01 1.68 0.00	32.47 1.93 0.00	37.13 2.15 0.00	47.61 2.91 0.00	34.02 2.24 0.00	30.56 2.20 -0.01	32.06 2.06 -3.37	33.24 2.46 -0.33	28.81 2.44 -0.01	29.95 2.63 -1.45	29.31 2.75 0.00	30.63 2.96 0.00	35.93 3.33 0.00	37.13 3.40 0.00	52.28 4.46 0.00	69.73 5.61 0.00	61.89 4.88 0.00	62.37 4.67 0.00	58.11 4.12 0.00	33.07 2.29 0.00
ASTORIA_GT_11 24225	29.09 1.83 0.00	26.68 1.66 0.00	27.11 1.62 0.00	28.71 1.71 0.00	30.01 1.68 0.00	32.47 1.93 0.00	37.13 2.15 0.00	47.61 2.91 0.00	34.02 2.24 0.00	30.56 2.20 -0.01	32.06 2.06 -3.37	33.24 2.46 -0.33	28.81 2.44 -0.01	29.95 2.63 -1.45	29.31 2.75 0.00	30.63 2.96 0.00	35.93 3.33 0.00	37.13 3.40 0.00	52.28 4.46 0.00	69.73 5.61 0.00	61.89 4.88 0.00	62.37 4.67 0.00	58.11 4.12 0.00	33.07 2.29 0.00
ASTORIA_GT_12 24226	29.09 1.83 0.00	26.68 1.66 0.00	27.11 1.62 0.00	28.71 1.71 0.00	30.01 1.68 0.00	32.47 1.93 0.00	37.13 2.15 0.00	47.61 2.91 0.00	34.02 2.24 0.00	30.56 2.20 -0.01	32.06 2.06 -3.37	33.24 2.46 -0.33	28.81 2.44 -0.01	29.95 2.63 -1.45	29.31 2.75 0.00	30.63 2.96 0.00	35.93 3.33 0.00	37.13 3.40 0.00	52.28 4.46 0.00	69.73 5.61 0.00	61.89 4.88 0.00	62.37 4.67 0.00	58.11 4.12 0.00	33.07 2.29 0.00
ASTORIA_GT_13 24227	29.09 1.83 0.00	26.68 1.66 0.00	27.11 1.62 0.00	28.71 1.71 0.00	30.01 1.68 0.00	32.47 1.93 0.00	37.13 2.15 0.00	47.61 2.91 0.00	34.02 2.24 0.00	30.56 2.20 -0.01	32.06 2.06 -3.37	33.24 2.46 -0.33	28.81 2.44 -0.01	29.95 2.63 -1.45	29.31 2.75 0.00	30.63 2.96 0.00	35.93 3.33 0.00	37.13 3.40 0.00	52.28 4.46 0.00	69.73 5.61 0.00	61.89 4.88 0.00	62.37 4.67 0.00	58.11 4.12 0.00	33.07 2.29 0.00
ASTORIA_GT_5 24106	29.07 1.80 0.00	26.68 1.66 0.00	27.12 1.63 0.00	28.70 1.70 0.00	29.96 1.63 0.00	32.43 1.89 0.00	37.12 2.15 0.00	47.62 2.92 0.00	34.00 2.22 0.00	30.49 2.13 -0.01	32.00 2.00 -3.37	33.25 2.43 -0.37	28.76 2.39 -0.01	30.53 2.59 -2.07	32.65 2.73 -3.37	30.59 2.91 0.00	35.88 3.28 0.00	37.06 3.33 0.00	52.23 4.41 0.00	69.72 5.60 0.00	61.89 4.89 0.00	62.39 4.69 0.00	58.19 4.20 0.00	33.07 2.30 0.00
ASTORIA_GT_7 24107	29.07 1.80 0.00	26.68 1.66 0.00	27.12 1.63 0.00	28.70 1.70 0.00	29.96 1.63 0.00	32.43 1.89 0.00	37.12 2.15 0.00	47.62 2.92 0.00	34.00 2.22 0.00	30.49 2.13 -0.01	32.00 2.00 -3.37	33.25 2.43 -0.37	28.76 2.39 -0.01	30.53 2.59 -2.07	32.65 2.73 -3.37	30.59 2.91 0.00	35.88 3.28 0.00	37.06 3.33 0.00	52.23 4.41 0.00	69.72 5.60 0.00	61.89 4.89 0.00	62.39 4.69 0.00	58.19 4.20 0.00	33.07 2.30 0.00
ASTORIA_GT_8 24108	29.07 1.80 0.00	26.68 1.66 0.00	27.12 1.63 0.00	28.70 1.70 0.00	29.96 1.63 0.00	32.43 1.89 0.00	37.12 2.15 0.00	47.62 2.92 0.00	34.00 2.22 0.00	30.49 2.13 -0.01	32.00 2.00 -3.37	33.25 2.43 -0.37	28.76 2.39 -0.01	30.53 2.59 -2.07	32.65 2.73 -3.37	30.59 2.91 0.00	35.88 3.28 0.00	37.06 3.33 0.00	52.23 4.41 0.00	69.72 5.60 0.00	61.89 4.89 0.00	62.39 4.69 0.00	58.19 4.20 0.00	33.07 2.30 0.00
ASTORIA___2 24149	29.05 1.78 0.00	26.66 1.64 0.00	27.09 1.60 0.00	28.67 1.67 0.00	29.93 1.60 0.00	32.39 1.86 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.09 -0.01	31.93 1.93 -3.37	33.19 2.36 -0.37	28.70 2.33 -0.01	30.48 2.54 -2.07	32.59 2.68 -3.37	30.53 2.86 0.00	35.82 3.22 0.00	37.01 3.28 0.00	52.14 4.32 0.00	69.63 5.50 0.00	61.81 4.80 0.00	62.33 4.63 0.00	58.11 4.11 0.00	33.03 2.25 0.00
ASTORIA___3 23516	29.09 1.83 0.00	26.68 1.66 0.00	27.11 1.62 0.00	28.71 1.71 0.00	30.01 1.69 0.00	32.46 1.92 0.00	37.13 2.15 0.00	47.61 2.91 0.00	34.02 2.24 0.00	30.57 2.21 -0.01	32.05 2.05 -3.37	33.24 2.46 -0.33	28.80 2.44 -0.01	29.96 2.64 -1.45	29.30 2.75 0.00	30.63 2.96 0.00	35.93 3.33 0.00	37.13 3.40 0.00	52.28 4.46 0.00	69.74 5.61 0.00	61.89 4.88 0.00	62.37 4.68 0.00	58.11 4.12 0.00	33.07 2.29 0.00
ASTORIA___4 23517	29.09 1.83 0.00	26.68 1.66 0.00	27.11 1.62 0.00	28.71 1.71 0.00	30.01 1.68 0.00	32.47 1.93 0.00	37.13 2.15 0.00	47.61 2.91 0.00	34.02 2.24 0.00	30.56 2.20 -0.01	32.06 2.06 -3.37	33.24 2.46 -0.33	28.81 2.44 -0.01	29.95 2.63 -1.45	29.31 2.75 0.00	30.63 2.96 0.00	35.93 3.33 0.00	37.13 3.40 0.00	52.28 4.46 0.00	69.73 5.61 0.00	61.89 4.88 0.00	62.37 4.67 0.00	58.11 4.12 0.00	33.07 2.29 0.00
ASTORIA___5 23518	29.09 1.83 0.00	26.68 1.66 0.00	27.11 1.62 0.00	28.71 1.71 0.00	30.01 1.69 0.00	32.46 1.92 0.00	37.13 2.15 0.00	47.61 2.91 0.00	34.02 2.24 0.00	30.57 2.21 -0.01	32.05 2.05 -3.37	33.24 2.46 -0.33	28.80 2.44 -0.01	29.96 2.64 -1.45	29.30 2.75 0.00	30.63 2.96 0.00	35.93 3.33 0.00	37.13 3.40 0.00	52.28 4.46 0.00	69.74 5.61 0.00	61.89 4.88 0.00	62.37 4.68 0.00	58.11 4.12 0.00	33.07 2.29 0.00
AST_ENERGY_2_CC3 323677	29.01 1.74 0.00	26.61 1.59 0.00	27.04 1.56 0.00	28.64 1.65 0.00	29.92 1.60 0.00	32.37 1.83 0.00	37.00 2.02 0.00	47.42 2.72 0.00	33.86 2.08 0.00	30.43 2.07 0.00	31.94 1.94 -3.37	33.12 2.34 -0.32	28.68 2.32 0.00	29.87 2.56 -1.44	29.20 2.65 0.00	30.52 2.84 0.00	35.84 3.24 0.00	37.05 3.32 0.00	52.19 4.37 0.00	69.60 5.48 0.00	61.77 4.77 0.00	62.26 4.56 0.00	57.99 3.99 0.00	32.99 2.21 0.00
AST_ENERGY_2_CC4 323678	29.01 1.74 0.00	26.61 1.59 0.00	27.04 1.56 0.00	28.64 1.65 0.00	29.92 1.60 0.00	32.37 1.83 0.00	37.00 2.02 0.00	47.42 2.72 0.00	33.86 2.08 0.00	30.43 2.07 0.00	31.94 1.94 -3.37	33.12 2.34 -0.32	28.68 2.32 0.00	29.87 2.56 -1.44	29.20 2.65 0.00	30.52 2.84 0.00	35.84 3.24 0.00	37.05 3.32 0.00	52.19 4.37 0.00	69.60 5.48 0.00	61.77 4.77 0.00	62.26 4.56 0.00	57.99 3.99 0.00	32.99 2.21 0.00

ATHENS_STG_1 23668	28.14 0.87 0.00	25.84 0.82 0.00	26.35 0.87 0.00	27.92 0.92 0.00	29.22 0.89 0.00	31.48 0.94 0.00	35.95 0.97 0.00	45.97 1.26 0.00	32.74 0.97 0.00	29.29 0.94 0.00	28.00 0.86 -0.50	31.54 1.03 -0.05	27.40 1.04 0.00	27.31 1.22 -0.22	27.76 1.20 0.00	28.97 1.29 0.00	34.04 1.44 0.00	35.23 1.49 0.00	49.84 2.02 0.00	66.60 2.47 0.00	59.13 2.12 0.00	59.80 2.10 0.00	55.78 1.79 0.00	31.76 0.99 0.00
ATHENS_STG_2 23670	28.14 0.87 0.00	25.84 0.82 0.00	26.35 0.87 0.00	27.92 0.92 0.00	29.22 0.89 0.00	31.48 0.94 0.00	35.95 0.97 0.00	45.97 1.26 0.00	32.74 0.97 0.00	29.29 0.94 0.00	28.00 0.86 -0.50	31.54 1.03 -0.05	27.40 1.04 0.00	27.31 1.22 -0.22	27.76 1.20 0.00	28.97 1.29 0.00	34.04 1.44 0.00	35.23 1.49 0.00	49.84 2.02 0.00	66.60 2.47 0.00	59.13 2.12 0.00	59.80 2.10 0.00	55.78 1.79 0.00	31.76 0.99 0.00
ATHENS_STG_3 23677	28.14 0.87 0.00	25.84 0.82 0.00	26.35 0.87 0.00	27.92 0.92 0.00	29.22 0.89 0.00	31.48 0.94 0.00	35.95 0.97 0.00	45.97 1.26 0.00	32.74 0.97 0.00	29.29 0.94 0.00	28.00 0.86 -0.50	31.54 1.03 -0.05	27.40 1.04 0.00	27.31 1.22 -0.22	27.76 1.20 0.00	28.97 1.29 0.00	34.04 1.44 0.00	35.23 1.49 0.00	49.84 2.02 0.00	66.60 2.47 0.00	59.13 2.12 0.00	59.80 2.10 0.00	55.78 1.79 0.00	31.76 0.99 0.00
AUBURN____LFGE 323710	26.96 -0.30 0.00	24.81 -0.21 0.00	25.22 -0.27 0.00	26.74 -0.26 0.00	28.09 -0.24 0.00	30.32 -0.22 0.00	34.75 -0.22 0.00	44.17 -0.53 0.00	31.27 -0.50 0.00	27.89 -0.46 0.00	26.23 -0.39 0.00	30.03 -0.42 0.00	26.11 -0.33 -0.08	25.69 -0.29 -0.11	26.34 -0.28 -0.06	27.32 -0.43 -0.08	32.34 -0.37 -0.11	33.38 -0.36 0.00	48.10 -0.45 -0.73	63.65 -0.47 0.00	56.51 -0.49 0.00	56.94 -0.76 0.00	53.37 -0.62 0.00	30.60 -0.17 0.00
BABYLON_RES_REC 323704	29.22 1.95 0.00	26.85 1.82 0.00	27.29 1.80 0.00	28.89 1.90 0.00	30.20 1.87 0.00	32.74 2.20 0.00	37.30 2.33 0.00	47.69 2.98 0.00	33.97 2.19 0.00	31.62 2.25 -1.02	39.19 2.16 -10.40	39.36 2.56 -6.34	35.10 2.38 -6.36	44.59 2.58 -16.14	50.26 2.46 -21.25	40.71 2.52 -10.53	45.00 2.66 -9.73	48.28 2.80 -11.76	65.49 3.79 -13.88	74.31 4.59 -5.60	77.39 4.30 -16.09	142.72 4.65 -80.37	57.90 3.90 0.00	33.32 2.55 0.00
BALL_HILL_WT_PWR 323825	25.78 -1.48 0.00	23.77 -1.25 0.00	23.68 -1.80 0.00	25.23 -1.77 0.00	26.67 -1.65 0.00	29.03 -1.51 0.00	33.36 -1.61 0.00	42.56 -2.15 0.00	30.63 -1.15 0.00	27.20 -0.88 0.27	25.95 -0.68 0.00	29.52 -0.94 0.00	25.04 -0.80 0.52	24.18 -0.96 0.73	25.06 -1.01 0.48	25.83 -1.23 0.61	30.42 -1.35 0.84	32.03 -1.70 0.00	45.36 -2.46 0.00	61.15 -2.98 0.00	54.16 -2.85 0.00	54.23 -3.47 0.00	51.48 -2.52 0.00	29.80 -0.97 0.00
BARON_WINDS____WT_PWR 323822	26.11 -1.16 0.00	23.96 -1.06 0.00	24.18 -1.30 0.00	25.59 -1.41 0.00	26.80 -1.52 0.00	28.91 -1.62 0.00	33.12 -1.85 0.00	42.34 -2.36 0.00	30.04 -1.73 0.00	25.16 -1.71 1.49	25.11 -1.50 0.01	28.80 -1.65 0.00	21.71 -1.46 3.20	20.07 -1.37 4.43	22.67 -1.29 2.60	22.82 -1.55 3.29	26.67 -1.41 4.52	32.66 -1.07 0.00	46.36 -1.63 -0.18	62.46 -1.67 0.00	55.26 -1.74 0.00	55.38 -2.32 0.00	52.15 -1.85 0.00	30.10 -0.67 0.00
BARRETT_IC_1 23704	28.96 1.70 0.00	26.63 1.61 0.00	27.07 1.59 0.00	28.67 1.67 0.00	29.97 1.64 0.00	32.43 1.89 0.00	36.94 1.96 0.00	47.21 2.51 0.00	33.66 1.88 0.00	42.77 1.95 -12.47	118.36 1.91 -89.83	117.53 2.19 -84.89	108.51 2.15 -79.99	234.23 2.34 -206.02	366.65 2.34 -337.76	147.62 2.47 -117.48	147.47 2.71 -112.16	159.12 2.91 -122.47	193.92 3.90 -142.20	126.33 4.82 -57.38	202.73 4.43 -141.29	238.68 4.63 -176.35	57.90 3.90 -0.01	33.12 2.28 -0.06
BARRETT_IC_10 23701	28.96 1.70 0.00	26.63 1.61 0.00	27.07 1.59 0.00	28.67 1.67 0.00	29.97 1.64 0.00	32.43 1.89 0.00	36.94 1.96 0.00	47.21 2.51 0.00	33.66 1.88 0.00	34.53 1.95 -4.22	61.18 1.91 -32.64	59.17 2.19 -26.52	55.50 2.15 -26.99	75.25 2.34 -47.04	12.88 2.34 16.01	70.28 2.47 -40.13	72.23 2.71 -36.92	77.26 2.91 -40.62	98.88 3.90 -47.16	87.98 4.82 -19.03	109.71 4.43 -48.27	160.51 4.63 -98.18	57.90 3.90 -0.01	33.12 2.28 -0.06
BARRETT_IC_11 23702	28.96 1.70 0.00	26.63 1.61 0.00	27.07 1.59 0.00	28.67 1.67 0.00	29.97 1.64 0.00	32.43 1.89 0.00	36.94 1.96 0.00	47.21 2.51 0.00	33.66 1.88 0.00	34.53 1.95 -4.22	61.18 1.91 -32.64	59.17 2.19 -26.52	55.50 2.15 -26.99	75.25 2.34 -47.04	12.88 2.34 16.01	70.28 2.47 -40.13	72.23 2.71 -36.92	77.26 2.91 -40.62	98.88 3.90 -47.16	87.98 4.82 -19.03	109.71 4.43 -48.27	160.51 4.63 -98.18	57.90 3.90 -0.01	33.12 2.28 -0.06
BARRETT_IC_12 23703	28.96 1.70 0.00	26.63 1.61 0.00	27.07 1.59 0.00	28.67 1.67 0.00	29.97 1.64 0.00	32.43 1.89 0.00	36.94 1.96 0.00	47.21 2.51 0.00	33.66 1.88 0.00	34.53 1.95 -4.22	61.18 1.91 -32.64	59.17 2.19 -26.52	55.50 2.15 -26.99	75.25 2.34 -47.04	12.88 2.34 16.01	70.28 2.47 -40.13	72.23 2.71 -36.92	77.26 2.91 -40.62	98.88 3.90 -47.16	87.98 4.82 -19.03	109.71 4.43 -48.27	160.51 4.63 -98.18	57.90 3.90 -0.01	33.12 2.28 -0.06
BARRETT_IC_2 23705	28.96 1.70 0.00	26.63 1.61 0.00	27.07 1.59 0.00	28.67 1.67 0.00	29.97 1.64 0.00	32.43 1.89 0.00	36.94 1.96 0.00	47.21 2.51 0.00	33.66 1.88 0.00	42.77 1.95 -12.47	118.36 1.91 -89.83	117.53 2.19 -84.89	108.51 2.15 -79.99	234.23 2.34 -206.02	366.65 2.34 -337.76	147.62 2.47 -117.48	147.47 2.71 -112.16	159.12 2.91 -122.47	193.92 3.90 -142.20	126.33 4.82 -57.38	202.73 4.43 -141.29	238.68 4.63 -176.35	57.90 3.90 -0.01	33.12 2.28 -0.06
BARRETT_IC_3 23706	28.96 1.70 0.00	26.63 1.61 0.00	27.07 1.59 0.00	28.67 1.67 0.00	29.97 1.64 0.00	32.43 1.89 0.00	36.94 1.96 0.00	47.21 2.51 0.00	33.66 1.88 0.00	42.77 1.95 -12.47	118.36 1.91 -89.83	117.53 2.19 -84.89	108.51 2.15 -79.99	234.23 2.34 -206.02	366.65 2.34 -337.76	147.62 2.47 -117.48	147.47 2.71 -112.16	159.12 2.91 -122.47	193.92 3.90 -142.20	126.33 4.82 -57.38	202.73 4.43 -141.29	238.68 4.63 -176.35	57.90 3.90 -0.01	33.12 2.28 -0.06
BARRETT_IC_4 23707	28.96 1.70 0.00	26.63 1.61 0.00	27.07 1.59 0.00	28.67 1.67 0.00	29.97 1.64 0.00	32.43 1.89 0.00	36.94 1.96 0.00	47.21 2.51 0.00	33.66 1.88 0.00	42.77 1.95 -12.47	118.36 1.91 -89.83	117.53 2.19 -84.89	108.51 2.15 -79.99	234.23 2.34 -206.02	366.65 2.34 -337.76	147.62 2.47 -117.48	147.47 2.71 -112.16	159.12 2.91 -122.47	193.92 3.90 -142.20	126.33 4.82 -57.38	202.73 4.43 -141.29	238.68 4.63 -176.35	57.90 3.90 -0.01	33.12 2.28 -0.06
BARRETT_IC_5 23708	28.96 1.70 0.00	26.63 1.61 0.00	27.07 1.59 0.00	28.67 1.67 0.00	29.97 1.64 0.00	32.43 1.89 0.00	36.94 1.96 0.00	47.21 2.51 0.00	33.66 1.88 0.00	42.77 1.95 -12.47	118.36 1.91 -89.83	117.53 2.19 -84.89	108.51 2.15 -79.99	234.23 2.34 -206.02	366.65 2.34 -337.76	147.62 2.47 -117.48	147.47 2.71 -112.16	159.12 2.91 -122.47	193.92 3.90 -142.20	126.33 4.82 -57.38	202.73 4.43 -141.29	238.68 4.63 -176.35	57.90 3.90 -0.01	33.12 2.28 -0.06

BARRETT_IC_6 23709	28.96 1.70 0.00	26.63 1.61 0.00	27.07 1.59 0.00	28.67 1.67 0.00	29.97 1.64 0.00	32.43 1.89 0.00	36.94 1.96 0.00	47.21 2.51 0.00	33.66 1.88 0.00	42.77 1.95 -12.47	118.36 1.91 -89.83	117.53 2.19 -84.89	108.51 2.15 -79.99	234.23 2.34 -206.02	366.65 2.34 -337.76	147.62 2.47 -117.48	147.47 2.71 -112.16	159.12 2.91 -122.47	193.92 3.90 -142.20	126.33 4.82 -57.38	202.73 4.43 -141.29	238.68 4.63 -176.35	57.90 3.90 -0.01	33.12 2.28 -0.06
BARRETT_IC_7 23710	28.96 1.70 0.00	26.63 1.61 0.00	27.07 1.58 0.00	28.67 1.67 0.00	29.97 1.64 0.00	32.43 1.89 0.00	36.94 1.96 0.00	47.22 2.52 0.00	33.66 1.88 0.00	42.76 1.93 -12.47	118.38 1.92 -89.83	117.55 2.21 -84.89	108.52 2.16 -79.99	234.26 2.37 -206.02	366.69 2.38 -337.76	147.63 2.48 -117.48	147.47 2.71 -112.16	159.11 2.91 -122.47	193.92 3.90 -142.20	126.33 4.82 -57.38	202.73 4.43 -141.29	238.67 4.62 -176.35	57.90 3.90 -0.01	33.12 2.29 -0.06
BARRETT_IC_8 23711	28.96 1.70 0.00	26.63 1.61 0.00	27.07 1.59 0.00	28.67 1.67 0.00	29.97 1.64 0.00	32.43 1.89 0.00	36.94 1.96 0.00	47.21 2.51 0.00	33.66 1.88 0.00	42.77 1.95 -12.47	118.36 1.91 -89.83	117.53 2.19 -84.89	108.51 2.15 -79.99	234.23 2.34 -206.02	366.65 2.34 -337.76	147.62 2.47 -117.48	147.47 2.71 -112.16	159.12 2.91 -122.47	193.92 3.90 -142.20	126.33 4.82 -57.38	202.73 4.43 -141.29	238.68 4.63 -176.35	57.90 3.90 -0.01	33.12 2.28 -0.06
BARRETT_IC_9 23700	28.96 1.70 0.00	26.63 1.61 0.00	27.07 1.59 0.00	28.67 1.67 0.00	29.97 1.64 0.00	32.43 1.89 0.00	36.94 1.96 0.00	47.21 2.51 0.00	33.66 1.88 0.00	34.53 1.95 -4.22	61.18 1.91 -32.64	59.17 2.19 -26.52	55.50 2.15 -26.99	75.25 2.34 -47.04	12.88 2.34 16.01	70.28 2.47 -40.13	72.23 2.71 -36.92	77.26 2.91 -40.62	98.88 3.90 -47.16	87.98 4.82 -19.03	109.71 4.43 -48.27	160.51 4.63 -98.18	57.90 3.90 -0.01	33.12 2.28 -0.06
BARRETT___1 23545	28.96 1.70 0.00	26.63 1.61 0.00	27.07 1.59 0.00	28.67 1.67 0.00	29.97 1.64 0.00	32.43 1.89 0.00	36.94 1.96 0.00	47.21 2.51 0.00	33.66 1.88 0.00	42.77 1.95 -12.47	118.36 1.91 -89.83	117.53 2.19 -84.89	108.51 2.15 -79.99	234.23 2.34 -206.02	366.65 2.34 -337.76	147.62 2.47 -117.48	147.47 2.71 -112.16	159.12 2.91 -122.47	193.92 3.90 -142.20	126.33 4.82 -57.38	202.73 4.43 -141.29	238.68 4.63 -176.35	57.90 3.90 -0.01	33.12 2.28 -0.06
BARRETT___2 23546	28.96 1.70 0.00	26.63 1.61 0.00	27.07 1.59 0.00	28.67 1.67 0.00	29.97 1.64 0.00	32.43 1.89 0.00	36.94 1.96 0.00	47.21 2.51 0.00	33.66 1.88 0.00	34.53 1.95 -4.22	61.18 1.91 -32.64	59.17 2.19 -26.52	55.50 2.15 -26.99	75.25 2.34 -47.04	12.88 2.34 16.01	70.28 2.47 -40.13	72.23 2.71 -36.92	77.26 2.91 -40.62	98.88 3.90 -47.16	87.98 4.82 -19.03	109.71 4.43 -48.27	160.51 4.63 -98.18	57.90 3.90 -0.01	33.12 2.28 -0.06
BATAVIA__115KV_TB1 55881	26.16 -1.10 0.00	24.13 -0.89 0.00	24.19 -1.29 0.00	25.62 -1.38 0.00	27.10 -1.22 0.00	29.31 -1.23 0.00	33.60 -1.38 0.00	42.95 -1.75 0.00	31.05 -0.72 0.00	27.76 -0.42 0.18	26.18 -0.45 0.00	29.83 -0.62 0.00	25.14 -0.90 0.32	24.48 -0.95 0.44	25.19 -1.11 0.26	26.08 -1.27 0.33	30.69 -1.46 0.45	32.01 -1.73 0.00	45.27 -2.55 0.00	61.29 -2.84 0.00	54.59 -2.42 0.00	54.74 -2.96 0.00	52.14 -1.86 0.00	30.08 -0.69 0.00
BAYONEEC___CTG1 323682	29.01 1.75 0.00	26.61 1.59 0.00	27.04 1.56 0.00	28.65 1.65 0.00	29.95 1.62 0.00	32.40 1.86 0.00	37.03 2.06 0.00	47.46 2.76 0.00	33.88 2.10 0.00	30.43 2.08 0.00	31.96 1.96 -3.37	33.14 2.36 -0.32	28.69 2.33 0.00	29.88 2.56 -1.44	29.21 2.66 0.00	30.55 2.88 0.00	35.88 3.28 0.00	37.10 3.36 0.00	52.25 4.43 0.00	69.69 5.56 0.00	61.84 4.83 0.00	62.35 4.65 0.00	58.05 4.06 0.00	33.03 2.25 0.00
BAYONEEC___CTG10 323750	29.01 1.75 0.00	26.61 1.59 0.00	27.04 1.56 0.00	28.65 1.65 0.00	29.95 1.62 0.00	32.40 1.86 0.00	37.03 2.06 0.00	47.46 2.76 0.00	33.88 2.10 0.00	30.43 2.08 0.00	31.96 1.96 -3.37	33.14 2.36 -0.32	28.69 2.33 0.00	29.88 2.56 -1.44	29.21 2.66 0.00	30.55 2.88 0.00	35.88 3.28 0.00	37.10 3.36 0.00	52.25 4.43 0.00	69.69 5.56 0.00	61.84 4.83 0.00	62.35 4.65 0.00	58.05 4.06 0.00	33.03 2.25 0.00
BAYONEEC___CTG2 323683	29.01 1.75 0.00	26.61 1.59 0.00	27.04 1.56 0.00	28.65 1.65 0.00	29.95 1.62 0.00	32.40 1.86 0.00	37.03 2.06 0.00	47.46 2.76 0.00	33.88 2.10 0.00	30.43 2.08 0.00	31.96 1.96 -3.37	33.14 2.36 -0.32	28.69 2.33 0.00	29.88 2.56 -1.44	29.21 2.66 0.00	30.55 2.88 0.00	35.88 3.28 0.00	37.10 3.36 0.00	52.25 4.43 0.00	69.69 5.56 0.00	61.84 4.83 0.00	62.35 4.65 0.00	58.05 4.06 0.00	33.03 2.25 0.00
BAYONEEC___CTG3 323684	29.01 1.75 0.00	26.61 1.59 0.00	27.04 1.56 0.00	28.65 1.65 0.00	29.95 1.62 0.00	32.40 1.86 0.00	37.03 2.06 0.00	47.46 2.76 0.00	33.88 2.10 0.00	30.43 2.08 0.00	31.96 1.96 -3.37	33.14 2.36 -0.32	28.69 2.33 0.00	29.88 2.56 -1.44	29.21 2.66 0.00	30.55 2.88 0.00	35.88 3.28 0.00	37.10 3.36 0.00	52.25 4.43 0.00	69.69 5.56 0.00	61.84 4.83 0.00	62.35 4.65 0.00	58.05 4.06 0.00	33.03 2.25 0.00
BAYONEEC___CTG4 323685	29.01 1.75 0.00	26.61 1.59 0.00	27.04 1.56 0.00	28.65 1.65 0.00	29.95 1.62 0.00	32.40 1.86 0.00	37.03 2.06 0.00	47.46 2.76 0.00	33.88 2.10 0.00	30.43 2.08 0.00	31.96 1.96 -3.37	33.14 2.36 -0.32	28.69 2.33 0.00	29.88 2.56 -1.44	29.21 2.66 0.00	30.55 2.88 0.00	35.88 3.28 0.00	37.10 3.36 0.00	52.25 4.43 0.00	69.69 5.56 0.00	61.84 4.83 0.00	62.35 4.65 0.00	58.05 4.06 0.00	33.03 2.25 0.00
BAYONEEC___CTG5 323686	29.01 1.75 0.00	26.61 1.59 0.00	27.04 1.56 0.00	28.65 1.65 0.00	29.95 1.62 0.00	32.40 1.86 0.00	37.03 2.06 0.00	47.46 2.76 0.00	33.88 2.10 0.00	30.43 2.08 0.00	31.96 1.96 -3.37	33.14 2.36 -0.32	28.69 2.33 0.00	29.88 2.56 -1.44	29.21 2.66 0.00	30.55 2.88 0.00	35.88 3.28 0.00	37.10 3.36 0.00	52.25 4.43 0.00	69.69 5.56 0.00	61.84 4.83 0.00	62.35 4.65 0.00	58.05 4.06 0.00	33.03 2.25 0.00
BAYONEEC___CTG6 323687	29.01 1.75 0.00	26.61 1.59 0.00	27.04 1.56 0.00	28.65 1.65 0.00	29.95 1.62 0.00	32.40 1.86 0.00	37.03 2.06 0.00	47.46 2.76 0.00	33.88 2.10 0.00	30.43 2.08 0.00	31.96 1.96 -3.37	33.14 2.36 -0.32	28.69 2.33 0.00	29.88 2.56 -1.44	29.21 2.66 0.00	30.55 2.88 0.00	35.88 3.28 0.00	37.10 3.36 0.00	52.25 4.43 0.00	69.69 5.56 0.00	61.84 4.83 0.00	62.35 4.65 0.00	58.05 4.06 0.00	33.03 2.25 0.00
BAYONEEC___CTG7 323688	29.01 1.75 0.00	26.61 1.59 0.00	27.04 1.56 0.00	28.65 1.65 0.00	29.95 1.62 0.00	32.40 1.86 0.00	37.03 2.06 0.00	47.46 2.76 0.00	33.88 2.10 0.00	30.43 2.08 0.00	31.96 1.96 -3.37	33.14 2.36 -0.32	28.69 2.33 0.00	29.88 2.56 -1.44	29.21 2.66 0.00	30.55 2.88 0.00	35.88 3.28 0.00	37.10 3.36 0.00	52.25 4.43 0.00	69.69 5.56 0.00	61.84 4.83 0.00	62.35 4.65 0.00	58.05 4.06 0.00	33.03 2.25 0.00

BAYONEEC___CTG8 323689	29.01 1.75 0.00	26.61 1.59 0.00	27.04 1.56 0.00	28.65 1.65 0.00	29.95 1.62 0.00	32.40 1.86 0.00	37.03 2.06 0.00	47.46 2.76 0.00	33.88 2.10 0.00	30.43 2.08 0.00	31.96 1.96 -3.37	33.14 2.36 -0.32	28.69 2.33 0.00	29.88 2.56 -1.44	29.21 2.66 0.00	30.55 2.88 0.00	35.88 3.28 0.00	37.10 3.36 0.00	52.25 4.43 0.00	69.69 5.56 0.00	61.84 4.83 0.00	62.35 4.65 0.00	58.05 4.06 0.00	33.03 2.25 0.00
BAYONEEC___CTG9 323749	29.01 1.75 0.00	26.61 1.59 0.00	27.04 1.56 0.00	28.65 1.65 0.00	29.95 1.62 0.00	32.40 1.86 0.00	37.03 2.06 0.00	47.46 2.76 0.00	33.88 2.10 0.00	30.43 2.08 0.00	31.96 1.96 -3.37	33.14 2.36 -0.32	28.69 2.33 0.00	29.88 2.56 -1.44	29.21 2.66 0.00	30.55 2.88 0.00	35.88 3.28 0.00	37.10 3.36 0.00	52.25 4.43 0.00	69.69 5.56 0.00	61.84 4.83 0.00	62.35 4.65 0.00	58.05 4.06 0.00	33.03 2.25 0.00
BEACON___LESR 323632	28.07 0.81 0.00	25.73 0.71 0.00	26.32 0.83 0.00	27.89 0.89 0.00	29.23 0.90 0.00	31.53 1.00 0.00	36.04 1.07 0.00	45.96 1.26 0.00	32.69 0.91 0.00	29.12 0.77 0.00	27.28 0.65 0.00	31.25 0.80 0.00	27.08 0.72 0.00	26.77 0.90 0.00	27.54 0.99 0.00	28.77 1.09 0.00	33.92 1.32 0.00	35.09 1.36 0.00	49.75 1.93 0.00	66.58 2.45 0.00	59.01 2.01 0.00	59.70 2.00 0.00	55.64 1.65 0.00	31.70 0.92 0.00
BEAVER RIVER___HYD 24048	26.11 -1.16 0.00	23.94 -1.32 -0.24	26.82 -1.45 -2.78	23.92 -1.51 1.57	29.76 -1.52 -2.95	30.90 -1.44 -1.80	33.51 -1.47 0.00	42.89 -1.82 0.00	30.37 -1.41 0.00	27.08 -1.28 0.00	25.16 -1.47 0.00	28.72 -1.73 0.00	24.96 -1.40 0.00	24.19 -1.64 0.05	18.43 -1.84 6.28	8.31 -2.14 17.22	29.07 -2.57 0.96	31.25 -2.48 0.00	45.75 -2.49 -0.42	63.08 -1.04 0.00	56.57 -0.43 0.00	57.15 -0.55 0.00	53.40 -0.59 0.00	30.20 -0.58 0.00
BEEBEE_GT_13 23619	26.20 -1.06 0.00	24.16 -0.86 0.00	24.30 -1.19 0.00	25.73 -1.27 0.00	27.20 -1.12 0.00	29.37 -1.16 0.00	33.71 -1.27 0.00	43.10 -1.60 0.00	31.06 -0.72 0.00	27.82 -0.46 0.07	26.31 -0.32 0.00	29.96 -0.49 0.00	25.65 -0.72 0.00	25.16 -0.71 0.00	25.77 -0.78 0.00	26.78 -0.89 0.00	31.59 -1.01 0.00	32.48 -1.26 0.00	45.95 -1.87 0.00	61.81 -2.31 0.00	54.91 -2.09 0.00	55.20 -2.50 0.00	52.16 -1.84 0.00	29.99 -0.78 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.37 2.10 0.00	26.93 1.91 0.00	27.34 1.85 0.00	28.96 1.96 0.00	30.28 1.96 0.00	32.77 2.24 0.00	37.50 2.52 0.00	48.07 3.37 0.00	34.36 2.58 0.00	30.86 2.50 -0.01	32.34 2.34 -3.37	33.59 2.81 -0.33	29.09 2.73 -0.01	31.03 2.89 -2.27	61.44 2.99 -31.90	54.78 3.20 -23.90	60.17 3.64 -23.93	53.20 3.73 -15.74	61.97 4.94 -9.21	70.39 6.26 0.00	62.46 5.45 0.00	62.94 5.24 0.00	58.68 4.69 0.00	33.41 2.63 0.00
BETHLEHEM___GRP 23843	27.67 0.40 0.00	25.41 0.39 0.00	25.95 0.46 0.00	27.46 0.47 0.00	28.78 0.45 0.00	31.03 0.49 0.00	35.41 0.43 0.00	45.17 0.47 0.00	32.19 0.41 0.00	28.72 0.37 0.00	26.95 0.32 0.00	30.84 0.39 0.00	26.77 0.41 0.00	26.42 0.54 0.00	27.15 0.60 0.00	28.35 0.68 0.00	33.30 0.70 0.00	34.46 0.73 0.00	48.85 1.03 0.00	65.29 1.17 0.00	57.94 0.93 0.00	58.66 0.96 0.00	54.69 0.69 0.00	31.21 0.44 0.00
BETHLEHEM___GS1 323560	27.67 0.40 0.00	25.41 0.39 0.00	25.95 0.46 0.00	27.47 0.47 0.00	28.77 0.45 0.00	31.03 0.49 0.00	35.41 0.43 0.00	45.17 0.47 0.00	32.19 0.41 0.00	28.72 0.36 0.00	26.94 0.31 0.00	30.85 0.39 0.00	26.77 0.40 0.00	26.41 0.54 0.00	27.15 0.60 0.00	28.35 0.68 0.00	33.30 0.70 0.00	34.46 0.73 0.00	48.85 1.03 0.00	65.30 1.17 0.00	57.94 0.93 0.00	58.66 0.96 0.00	54.69 0.70 0.00	31.21 0.44 0.00
BETHLEHEM___GS2 323561	27.67 0.40 0.00	25.41 0.39 0.00	25.95 0.46 0.00	27.47 0.47 0.00	28.77 0.45 0.00	31.03 0.49 0.00	35.41 0.43 0.00	45.17 0.47 0.00	32.19 0.41 0.00	28.72 0.36 0.00	26.94 0.31 0.00	30.85 0.39 0.00	26.77 0.40 0.00	26.41 0.54 0.00	27.15 0.60 0.00	28.35 0.68 0.00	33.30 0.70 0.00	34.46 0.73 0.00	48.85 1.03 0.00	65.30 1.17 0.00	57.94 0.93 0.00	58.66 0.96 0.00	54.69 0.70 0.00	31.21 0.44 0.00
BETHLEHEM___GS3 323562	27.67 0.40 0.00	25.41 0.39 0.00	25.95 0.46 0.00	27.47 0.47 0.00	28.77 0.45 0.00	31.03 0.49 0.00	35.41 0.43 0.00	45.17 0.47 0.00	32.19 0.41 0.00	28.72 0.36 0.00	26.94 0.31 0.00	30.85 0.39 0.00	26.77 0.40 0.00	26.41 0.54 0.00	27.15 0.60 0.00	28.35 0.68 0.00	33.30 0.70 0.00	34.46 0.73 0.00	48.85 1.03 0.00	65.30 1.17 0.00	57.94 0.93 0.00	58.66 0.96 0.00	54.69 0.70 0.00	31.21 0.44 0.00
BETHLEHEM___STEEL 23779	25.66 -1.61 0.00	23.67 -1.35 0.00	23.70 -1.79 0.00	25.11 -1.89 0.00	26.55 -1.78 0.00	28.67 -1.86 0.00	32.84 -2.13 0.00	41.98 -2.72 0.00	30.30 -1.48 0.00	26.87 -1.18 0.30	25.69 -0.94 0.00	29.24 -1.21 0.00	24.52 -1.27 0.58	23.89 -1.18 0.80	24.88 -1.20 0.47	25.66 -1.42 0.60	30.21 -1.57 0.82	31.70 -2.04 0.00	44.78 -3.04 0.00	60.40 -3.72 0.00	53.58 -3.43 0.00	53.71 -3.99 0.00	51.18 -2.81 0.00	29.61 -1.16 0.00
BETHLHEM_115KV_TB1 79974	27.72 0.45 0.00	25.45 0.43 0.00	26.00 0.51 0.00	27.52 0.52 0.00	28.82 0.50 0.00	31.08 0.54 0.00	35.47 0.50 0.00	45.27 0.56 0.00	32.26 0.48 0.00	28.78 0.42 0.00	27.00 0.37 0.00	30.90 0.45 0.00	26.82 0.46 0.00	26.47 0.59 0.00	27.21 0.65 0.00	28.41 0.73 0.00	33.38 0.78 0.00	34.54 0.81 0.00	48.96 1.14 0.00	65.44 1.31 0.00	58.09 1.09 0.00	58.80 1.11 0.00	54.84 0.84 0.00	31.28 0.51 0.00
BETHPAGE_CC_5 323564	29.16 1.90 0.00	26.79 1.77 0.00	27.23 1.74 0.00	28.84 1.84 0.00	30.15 1.82 0.00	32.66 2.13 0.00	37.23 2.26 0.00	47.62 2.92 0.00	33.94 2.16 0.00	31.65 2.21 -1.08	39.63 2.16 -10.84	39.75 2.55 -6.74	35.52 2.39 -6.77	45.77 2.62 -17.29	52.75 2.62 -23.58	41.62 2.76 -11.19	47.62 2.93 -12.08	51.90 3.15 -15.02	69.98 4.28 -17.88	76.62 5.29 -7.21	82.01 4.85 -20.15	150.48 4.97 -87.81	58.12 4.13 0.00	33.25 2.47 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.71 -1.55 0.00	23.71 -1.31 0.00	23.75 -1.74 0.00	25.15 -1.85 0.00	26.60 -1.73 0.00	28.73 -1.81 0.00	32.92 -2.06 0.00	42.08 -2.62 0.00	30.36 -1.42 0.00	26.94 -1.13 0.28	25.73 -0.90 0.00	29.30 -1.15 0.00	24.61 -1.20 0.55	24.01 -1.11 0.76	24.98 -1.13 0.44	25.77 -1.34 0.56	30.36 -1.47 0.77	31.80 -1.94 0.00	44.92 -2.90 0.00	60.60 -3.53 0.00	53.72 -3.29 0.00	53.87 -3.83 0.00	51.29 -2.70 0.00	29.67 -1.10 0.00
BINGHAMTON___COGEN 23790	27.02 -0.24 0.00	24.83 -0.19 0.00	25.21 -0.28 0.00	26.79 -0.20 0.00	28.08 -0.24 0.00	30.30 -0.24 0.00	34.69 -0.29 0.00	44.33 -0.38 0.00	31.52 -0.26 0.00	28.13 -0.22 0.00	26.46 -0.17 0.00	30.28 -0.18 0.00	26.25 -0.11 0.00	25.83 -0.04 0.00	26.54 -0.01 0.00	27.58 -0.10 0.00	32.58 -0.02 0.00	33.69 -0.04 0.00	48.13 -0.02 -0.32	64.14 0.02 0.00	56.81 -0.19 0.00	57.20 -0.50 0.00	53.60 -0.39 0.00	30.72 -0.05 0.00

BIXINCNT_115KV_LOAD 355685	25.95 -1.31 0.00	23.84 -1.18 0.00	23.80 -1.69 0.00	25.06 -1.94 0.00	26.58 -1.75 0.00	28.76 -1.78 0.00	33.14 -1.83 0.00	42.39 -2.32 0.00	30.35 -1.43 0.00	26.81 -1.36 0.19	25.45 -1.18 0.00	29.33 -1.12 0.00	24.97 -1.02 0.37	24.49 -0.86 0.51	25.34 -0.91 0.30	26.12 -1.16 0.39	30.90 -1.18 0.53	32.26 -1.48 0.00	45.78 -2.04 0.00	61.68 -2.44 0.00	54.62 -2.39 0.00	54.72 -2.98 0.00	51.81 -2.18 0.00	30.02 -0.76 0.00
BLACK RIVER___HYD 24047	26.12 -1.14 0.00	23.89 -1.30 -0.17	25.96 -1.46 -1.93	24.43 -1.51 1.06	28.83 -1.55 -2.05	30.34 -1.45 -1.25	33.53 -1.45 0.00	42.84 -1.86 0.00	30.40 -1.38 0.00	27.05 -1.30 0.00	24.83 -1.79 0.00	28.65 -1.81 0.00	24.87 -1.49 0.00	24.06 -1.79 0.03	20.16 -2.09 4.29	13.52 -2.41 11.73	29.04 -2.89 0.67	30.83 -2.90 0.00	45.73 -2.78 -0.69	63.34 -0.78 0.00	56.83 -0.17 0.00	57.32 -0.38 0.00	53.51 -0.49 0.00	30.29 -0.49 0.00
BLACKRVR_115KV_TB2 79977	26.12 -1.14 0.00	23.89 -1.30 -0.17	25.95 -1.47 -1.93	24.43 -1.51 1.06	28.83 -1.55 -2.05	30.34 -1.45 -1.25	33.53 -1.45 0.00	42.84 -1.86 0.00	30.40 -1.38 0.00	27.05 -1.30 0.00	24.84 -1.79 0.00	28.64 -1.81 0.00	24.87 -1.49 0.00	24.06 -1.79 0.03	20.16 -2.09 4.29	13.53 -2.41 11.73	29.04 -2.89 0.67	30.83 -2.90 0.00	45.74 -2.78 -0.69	63.34 -0.78 0.00	56.83 -0.17 0.00	57.32 -0.38 0.00	53.50 -0.49 0.00	30.29 -0.49 0.00
BLDWN_LI_69_KV_BK4 356085	29.13 1.86 0.00	26.76 1.74 0.00	27.20 1.71 0.00	28.80 1.80 0.00	30.10 1.78 0.00	32.61 2.08 0.00	37.16 2.19 0.00	47.53 2.83 0.00	33.88 2.10 0.00	34.36 2.12 -3.89	59.03 2.11 -30.29	58.75 2.46 -25.84	53.46 2.32 -24.77	91.93 2.50 -63.55	129.67 2.56 -100.56	67.95 2.73 -37.55	73.24 2.95 -37.68	80.35 3.12 -43.49	103.27 4.27 -51.18	90.08 5.31 -20.65	114.92 4.88 -53.02	185.91 5.02 -123.20	58.32 4.32 0.00	33.29 2.50 -0.01
BLISS_WT_PWR 323608	25.91 -1.35 0.00	23.77 -1.25 0.00	23.70 -1.79 0.00	24.90 -2.10 0.00	26.44 -1.89 0.00	28.62 -1.92 0.00	33.04 -1.93 0.00	42.24 -2.46 0.00	30.20 -1.57 0.00	26.59 -1.58 0.19	25.29 -1.34 0.00	29.18 -1.27 0.00	24.93 -1.06 0.37	24.42 -0.94 0.51	25.32 -0.93 0.30	26.06 -1.23 0.39	30.83 -1.25 0.53	32.21 -1.52 0.00	45.78 -2.04 0.00	61.68 -2.45 0.00	54.63 -2.38 0.00	54.70 -3.00 0.00	51.79 -2.21 0.00	30.01 -0.76 0.00
BLUESTONE___WT_PWR 323821	26.15 -1.12 0.00	23.81 -1.21 0.00	24.38 -1.11 0.00	26.49 -0.51 0.00	27.69 -0.64 0.00	29.83 -0.71 0.00	34.73 -0.24 0.00	44.82 0.12 0.00	32.00 0.22 0.00	28.44 0.08 0.00	26.81 0.18 0.00	30.48 0.03 0.00	26.45 0.09 0.00	25.86 -0.01 0.00	26.66 0.11 0.00	27.72 0.04 0.00	33.03 0.43 0.00	34.33 0.60 0.00	49.59 1.48 -0.29	66.92 2.80 0.00	59.83 2.82 0.00	59.66 1.96 0.00	56.13 2.14 0.00	31.95 1.17 0.00
BLUE_CIRC_CHEM_DRP 24182	27.99 0.72 0.00	25.71 0.69 0.00	26.25 0.76 0.00	27.79 0.80 0.00	29.12 0.79 0.00	31.39 0.85 0.00	35.85 0.88 0.00	45.74 1.04 0.00	32.54 0.77 0.00	28.95 0.59 0.00	27.03 0.40 0.00	30.92 0.47 0.00	26.82 0.46 0.00	26.46 0.58 0.00	27.26 0.70 0.00	28.44 0.77 0.00	33.47 0.87 0.00	34.67 0.94 0.00	49.25 1.43 0.00	65.96 1.84 0.00	58.57 1.57 0.00	59.30 1.60 0.00	55.34 1.34 0.00	31.56 0.78 0.00
BOC_GAS_DRP 24189	27.82 0.56 0.00	25.56 0.54 0.00	26.08 0.59 0.00	27.61 0.62 0.00	28.93 0.60 0.00	31.18 0.64 0.00	35.61 0.63 0.00	45.48 0.77 0.00	32.38 0.61 0.00	28.91 0.55 0.00	27.12 0.49 0.00	31.04 0.59 0.00	26.95 0.59 0.00	26.58 0.71 0.00	27.33 0.78 0.00	28.53 0.86 0.00	33.54 0.94 0.00	34.71 0.97 0.00	49.16 1.34 0.00	65.74 1.61 0.00	58.38 1.37 0.00	59.08 1.38 0.00	55.14 1.14 0.00	31.42 0.65 0.00
BOONVILLE_115KV_TB1 79983	27.10 -0.16 0.00	24.84 -0.27 -0.09	26.20 -0.34 -1.06	26.52 -0.33 0.14	29.11 -0.34 -1.12	30.98 -0.24 -0.68	34.81 -0.17 0.00	44.47 -0.23 0.00	31.54 -0.24 0.00	28.14 -0.22 0.00	26.37 -0.26 0.00	30.07 -0.38 0.00	26.10 -0.26 0.00	25.51 -0.35 0.01	24.58 -0.40 1.58	27.43 -0.51 -0.27	31.56 -0.70 0.34	33.21 -0.53 0.00	47.83 -0.22 -0.22	64.80 0.68 0.00	57.81 0.80 0.00	58.34 0.64 0.00	54.53 0.53 0.00	30.96 0.19 0.00
BORALEX_4TH_BRANCH 23824	28.52 1.26 0.00	26.20 1.17 0.00	26.80 1.31 0.00	28.41 1.42 0.00	29.73 1.40 0.00	32.08 1.55 0.00	36.48 1.51 0.00	46.54 1.83 0.00	33.16 1.39 0.00	29.58 1.23 0.00	28.17 1.05 -0.49	31.66 1.16 -0.05	27.36 1.00 0.00	27.14 1.06 -0.21	27.55 1.00 0.00	28.77 1.10 0.00	33.96 1.36 0.00	35.19 1.46 0.00	50.09 2.27 0.00	66.85 2.72 0.00	59.21 2.20 0.00	60.15 2.45 0.00	56.04 2.04 0.00	31.85 1.07 0.00
BOWLINE___1 23526	28.73 1.47 0.00	26.37 1.35 0.00	26.79 1.31 0.00	28.41 1.41 0.00	29.73 1.40 0.00	32.15 1.61 0.00	36.71 1.73 0.00	46.99 2.28 0.00	33.48 1.70 0.00	30.02 1.67 5.85	22.35 1.57 0.56	31.79 1.89 0.00	28.26 1.90 0.00	25.48 2.11 2.51	28.74 2.19 0.00	30.08 2.41 0.00	35.34 2.74 0.00	36.60 2.87 0.00	51.68 3.86 0.00	68.92 4.79 0.00	61.27 4.26 0.00	61.81 4.11 0.00	57.46 3.47 0.00	32.66 1.89 0.00
BOWLINE___2 23595	28.74 1.47 0.00	26.37 1.35 0.00	26.79 1.31 0.00	28.41 1.41 0.00	29.73 1.40 0.00	32.15 1.61 0.00	36.71 1.74 0.00	46.99 2.28 0.00	33.48 1.70 0.00	30.02 1.67 5.85	22.35 1.57 0.56	31.79 1.89 0.00	28.26 1.90 0.00	25.47 2.11 2.51	28.74 2.19 0.00	30.08 2.41 0.00	35.34 2.74 0.00	36.60 2.87 0.00	51.67 3.86 0.00	68.92 4.79 0.00	61.27 4.26 0.00	61.81 4.11 0.00	57.46 3.47 0.00	32.66 1.89 0.00
BRADY___115KV_TB2 356060	27.22 -0.05 0.00	25.21 -0.11 -0.30	28.85 -0.13 -3.49	17.47 -0.16 9.36	32.03 -0.01 -3.71	32.84 0.04 -2.27	35.27 0.30 0.00	45.32 0.61 0.00	31.98 0.20 0.00	28.42 0.06 0.00	26.50 -0.13 0.00	30.09 -0.37 0.00	25.84 -0.52 0.00	24.97 -0.76 0.15	5.01 -0.85 20.69	-10.60 -0.80 37.47	30.17 -0.87 1.56	32.84 -0.89 0.00	46.54 -1.28 0.00	63.48 -0.64 0.00	56.82 -0.19 0.00	58.16 0.46 0.00	54.42 0.42 0.00	30.80 0.03 0.00
BRANSCOMB___SOLAR 323811	28.51 1.25 0.00	26.17 1.15 0.00	26.75 1.26 0.00	28.33 1.33 0.00	29.70 1.37 0.00	32.04 1.50 0.00	36.64 1.67 0.00	46.77 2.06 0.00	33.28 1.50 0.00	29.52 1.16 0.00	27.57 0.94 0.00	31.50 1.05 0.00	27.27 0.91 0.00	26.94 1.07 0.00	27.72 1.17 0.00	29.01 1.33 0.00	34.23 1.63 0.00	35.53 1.80 0.00	50.58 2.77 0.00	67.70 3.58 0.00	60.04 3.03 0.00	60.88 3.18 0.00	56.65 2.66 0.00	32.15 1.38 0.00
BRDGHMPT_69_KV_BK1 55812	29.97 2.70 -0.01	27.66 2.64 0.00	28.11 2.62 0.00	29.77 2.77 0.00	31.11 2.79 0.00	33.75 3.22 0.00	38.50 3.52 0.00	49.08 4.38 0.00	34.87 3.10 0.00	31.81 3.03 -0.43	35.74 2.80 -6.31	36.08 3.24 -2.39	31.95 3.00 -2.59	35.58 3.22 -6.49	35.02 3.31 -5.16	36.06 3.48 -4.91	40.62 3.91 -4.10	43.50 4.39 -5.38	60.35 6.12 -6.41	74.57 7.87 -2.58	72.80 7.25 -8.54	132.80 7.24 -67.86	60.20 6.21 0.00	34.36 3.59 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	29.41 2.15 0.00	27.04 2.02 0.00	27.48 2.00 0.00	29.11 2.11 0.00	30.41 2.08 0.00	32.97 2.43 0.00	37.55 2.58 0.00	47.98 3.27 0.00	34.14 2.36 0.00	31.26 2.40 -0.50	35.78 2.31 -6.84	36.07 2.72 -2.90	32.02 2.58 -3.08	36.38 2.74 -7.76	36.70 2.79 -7.36	36.24 2.93 -5.64	40.65 3.14 -4.92	43.51 3.43 -6.35	60.10 4.72 -7.56	72.67 5.50 -3.04	71.77 5.06 -9.71	132.97 5.42 -69.85	58.65 4.65 0.00	33.54 2.77 0.00
BRISTLHL_115KV_TB1 79998	26.56 -0.70 0.00	24.37 -0.65 0.00	24.81 -0.68 0.00	26.28 -0.72 0.00	27.54 -0.79 0.00	29.73 -0.81 0.00	34.01 -0.96 0.00	43.41 -1.29 0.00	30.82 -0.96 0.00	27.42 -0.93 0.00	25.75 -0.88 0.00	29.55 -0.91 0.00	25.63 -0.72 0.00	25.25 -0.63 0.00	25.87 -0.68 0.00	26.50 -0.83 0.34	31.63 -0.97 0.00	32.72 -1.01 0.00	47.88 -1.45 -1.51	62.31 -1.82 0.00	55.39 -1.61 0.00	55.90 -1.81 0.00	52.38 -1.62 0.00	30.02 -0.75 0.00
BROOKHAVEN___DRP 24191	29.47 2.20 -0.01	27.10 2.08 0.00	27.53 2.05 0.00	29.16 2.17 0.00	30.46 2.13 0.00	33.01 2.48 0.00	37.62 2.65 0.00	47.96 3.26 0.00	34.11 2.33 0.00	31.15 2.37 -0.42	35.14 2.22 -6.29	35.38 2.56 -2.37	31.39 2.45 -2.57	34.97 2.65 -6.45	34.36 2.71 -5.10	35.41 2.85 -4.89	39.76 3.08 -4.07	42.54 3.46 -5.35	58.95 4.76 -6.37	72.60 5.91 -2.57	71.01 5.49 -8.51	131.11 5.61 -67.80	58.70 4.70 0.00	33.57 2.80 0.00
BROOKLYN_NAVY_YARD 23515	28.99 1.72 0.00	26.59 1.57 0.00	27.02 1.53 0.00	28.62 1.62 0.00	29.89 1.57 0.00	32.34 1.81 0.00	36.97 1.99 0.00	47.40 2.70 0.00	33.83 2.06 0.00	30.40 2.04 0.00	31.93 1.93 -3.37	33.16 2.32 -0.39	28.67 2.31 0.00	30.71 2.54 -2.31	33.78 2.62 -4.61	30.50 2.83 0.00	35.82 3.22 0.00	37.03 3.30 0.00	52.16 4.34 0.00	69.57 5.45 0.00	61.74 4.73 0.00	62.24 4.54 0.00	57.99 4.00 0.00	32.99 2.22 0.00
BROOKLYN___ARMY_DRP 323595	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.65 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.34 -0.01	32.19 2.19 -3.37	33.42 2.64 -0.33	28.94 2.57 -0.01	30.88 2.73 -2.27	61.28 2.83 -31.90	54.61 3.04 -23.90	59.96 3.43 -23.93	52.98 3.51 -15.74	61.67 4.64 -9.21	69.99 5.86 0.00	62.11 5.11 0.00	62.59 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
BROOME_2_LFGE 323671	27.02 -0.24 0.00	24.83 -0.19 0.00	25.21 -0.28 0.00	26.79 -0.21 0.00	28.08 -0.25 0.00	30.30 -0.24 0.00	34.69 -0.29 0.00	44.33 -0.37 0.00	31.52 -0.26 0.00	28.13 -0.22 0.00	26.46 -0.17 0.00	30.28 -0.18 0.00	26.25 -0.11 0.00	25.82 -0.05 0.00	26.55 0.00 0.00	27.57 -0.10 0.00	32.58 -0.03 0.00	33.69 -0.04 0.00	48.13 -0.02 -0.32	64.14 0.01 0.00	56.81 -0.19 0.00	57.20 -0.50 0.00	53.60 -0.39 0.00	30.72 -0.05 0.00
BROOME___LFGE 323600	27.02 -0.24 0.00	24.83 -0.19 0.00	25.21 -0.28 0.00	26.79 -0.21 0.00	28.08 -0.25 0.00	30.30 -0.24 0.00	34.69 -0.29 0.00	44.33 -0.37 0.00	31.52 -0.26 0.00	28.13 -0.22 0.00	26.46 -0.17 0.00	30.28 -0.18 0.00	26.25 -0.11 0.00	25.82 -0.05 0.00	26.55 0.00 0.00	27.57 -0.10 0.00	32.58 -0.03 0.00	33.69 -0.04 0.00	48.13 -0.02 -0.32	64.14 0.01 0.00	56.81 -0.19 0.00	57.20 -0.50 0.00	53.60 -0.39 0.00	30.72 -0.05 0.00
BROWNFLS_115KV_TB_3_5 80003	25.97 -1.29 0.00	24.08 -1.37 -0.44	29.03 -1.46 -5.01	22.24 -1.54 3.22	32.12 -1.52 -5.32	32.28 -1.50 -3.25	33.52 -1.45 0.00	43.00 -1.70 0.00	30.42 -1.36 0.00	27.08 -1.27 0.00	25.22 -1.41 0.00	28.72 -1.73 0.00	24.83 -1.53 0.00	24.02 -1.77 0.08	12.61 -1.93 12.01	0.28 -2.12 25.27	28.34 -2.50 1.76	31.26 -2.47 0.00	45.20 -2.91 -0.30	61.94 -2.18 0.00	55.57 -1.44 0.00	56.50 -1.20 0.00	52.81 -1.19 0.00	29.86 -0.91 0.00
BROWNSV1_27_KV_LOAD 356125	29.23 1.97 0.00	26.81 1.79 0.00	27.23 1.75 0.00	28.85 1.85 0.00	30.15 1.83 0.00	32.64 2.10 0.00	37.34 2.36 0.00	47.88 3.18 0.00	34.20 2.42 0.00	30.71 2.36 0.00	32.23 2.23 -3.37	33.45 2.67 -0.32	28.97 2.61 0.00	30.13 2.82 -1.44	29.49 2.94 0.00	30.83 3.16 0.00	36.22 3.62 0.00	37.45 3.72 0.00	52.76 4.94 0.00	70.38 6.25 0.00	62.45 5.44 0.00	62.92 5.22 0.00	58.58 4.59 0.00	33.32 2.54 0.00
BURROWS___LYONSDAL 23803	26.81 -0.45 0.00	24.55 -0.59 -0.12	26.21 -0.67 -1.40	25.89 -0.69 0.42	29.11 -0.69 -1.48	30.83 -0.61 -0.90	34.40 -0.58 0.00	43.96 -0.74 0.00	31.16 -0.61 0.00	27.81 -0.54 0.00	26.04 -0.59 0.00	29.68 -0.77 0.00	25.79 -0.57 0.00	25.15 -0.70 0.02	23.26 -0.79 2.50	22.37 -0.97 4.34	30.92 -1.22 0.46	32.68 -1.05 0.00	47.27 -0.81 -0.26	64.38 0.26 0.00	57.51 0.50 0.00	58.02 0.32 0.00	54.23 0.24 0.00	30.76 -0.02 0.00
CAITHNESS_CC_1 323624	29.39 2.11 -0.01	27.02 2.01 0.00	27.46 1.98 0.00	29.08 2.08 0.00	30.38 2.05 0.00	32.92 2.39 0.00	37.50 2.53 0.00	47.82 3.12 0.00	34.01 2.24 0.00	31.08 2.30 -0.42	35.07 2.16 -6.28	35.32 2.51 -2.36	31.32 2.39 -2.56	34.89 2.61 -6.41	34.23 2.64 -5.04	35.33 2.79 -4.87	39.64 2.98 -4.05	42.39 3.34 -5.32	58.73 4.57 -6.34	72.32 5.64 -2.55	70.72 5.24 -8.48	130.81 5.37 -67.74	58.48 4.48 0.00	33.44 2.67 0.00
CALPINE BETH_PAGE_GT4 24209	29.13 1.86 0.00	26.76 1.74 0.00	27.20 1.72 0.00	28.81 1.82 0.00	30.11 1.79 0.00	32.63 2.09 0.00	37.19 2.22 0.00	47.57 2.87 0.00	33.92 2.14 0.00	32.03 2.18 -1.50	42.49 2.13 -13.74	42.50 2.50 -9.54	38.16 2.37 -9.44	52.58 2.58 -24.12	64.21 2.58 -35.08	45.55 2.71 -15.17	51.07 2.83 -15.64	55.97 3.03 -19.20	74.82 4.13 -22.87	78.43 5.08 -9.22	86.89 4.67 -25.21	159.17 4.74 -96.73	57.94 3.95 0.00	33.19 2.42 -0.01
CALPINE_BETH_PAGE_GT_4 323586	29.13 1.86 0.00	26.76 1.74 0.00	27.20 1.72 0.00	28.81 1.82 0.00	30.12 1.79 0.00	32.63 2.09 0.00	37.19 2.22 0.00	47.57 2.87 0.00	33.91 2.14 0.00	32.04 2.18 -1.50	42.49 2.13 -13.74	42.51 2.52 -9.54	38.16 2.37 -9.44	52.58 2.59 -24.12	64.21 2.58 -35.08	45.56 2.72 -15.17	51.08 2.83 -15.64	55.97 3.04 -19.20	74.82 4.12 -22.87	78.43 5.09 -9.22	86.89 4.66 -25.21	159.18 4.75 -96.73	57.94 3.94 0.00	33.19 2.41 -0.01
CALPINE_BP_GT1 23823	29.13 1.86 0.00	26.76 1.74 0.00	27.20 1.72 0.00	28.81 1.82 0.00	30.12 1.79 0.00	32.63 2.09 0.00	37.19 2.22 0.00	47.57 2.87 0.00	33.91 2.14 0.00	32.04 2.18 -1.50	42.49 2.13 -13.74	42.51 2.52 -9.54	38.16 2.37 -9.44	52.58 2.59 -24.12	64.21 2.58 -35.08	45.56 2.72 -15.17	51.08 2.83 -15.64	55.97 3.04 -19.20	74.82 4.12 -22.87	78.43 5.09 -9.22	86.89 4.66 -25.21	159.18 4.75 -96.73	57.94 3.94 0.00	33.19 2.41 -0.01
CALSPAN___DRP 24200	25.66 -1.61 0.00	23.67 -1.35 0.00	23.70 -1.79 0.00	25.11 -1.89 0.00	26.55 -1.78 0.00	28.67 -1.86 0.00	32.84 -2.13 0.00	41.98 -2.72 0.00	30.30 -1.48 0.00	26.87 -1.18 0.30	25.69 -0.94 0.00	29.24 -1.21 0.00	24.52 -1.27 0.58	23.89 -1.18 0.80	24.88 -1.20 0.47	25.66 -1.42 0.60	30.21 -1.57 0.82	31.70 -2.04 0.00	44.78 -3.04 0.00	60.40 -3.72 0.00	53.58 -3.43 0.00	53.71 -3.99 0.00	51.18 -2.81 0.00	29.61 -1.16 0.00

CALVERTON___SOLAR 323806	29.56 2.29 -0.01	27.19 2.17 0.00	27.62 2.14 0.00	29.25 2.25 0.00	30.56 2.23 0.00	33.13 2.60 0.00	37.75 2.78 0.00	48.12 3.42 0.00	34.21 2.44 0.00	31.25 2.47 -0.42	35.21 2.29 -6.30	35.48 2.65 -2.38	31.46 2.51 -2.58	35.06 2.72 -6.46	34.44 2.77 -5.11	35.50 2.93 -4.89	39.88 3.19 -4.08	42.68 3.59 -5.36	59.16 4.96 -6.38	72.92 6.22 -2.57	71.30 5.77 -8.52	131.39 5.87 -67.82	58.93 4.94 0.00	33.69 2.92 0.00
CANDIGU_WT_PWR 323617	26.11 -1.16 0.00	23.96 -1.06 0.00	24.18 -1.30 0.00	25.59 -1.41 0.00	26.80 -1.52 0.00	28.91 -1.62 0.00	33.12 -1.85 0.00	42.34 -2.36 0.00	30.04 -1.73 0.00	25.16 -1.71 1.49	25.11 -1.50 0.01	28.80 -1.65 0.00	21.71 -1.46 3.20	20.07 -1.37 4.43	22.67 -1.29 2.60	22.82 -1.55 3.29	26.67 -1.41 4.52	32.66 -1.07 0.00	46.36 -1.63 -0.18	62.46 -1.67 0.00	55.26 -1.74 0.00	55.38 -2.32 0.00	52.15 -1.85 0.00	30.10 -0.67 0.00
CARR STREET_E_SYR 24060	26.81 -0.46 0.00	24.60 -0.43 0.00	25.03 -0.46 0.00	26.54 -0.46 0.00	27.82 -0.51 0.00	30.02 -0.52 0.00	34.35 -0.62 0.00	43.83 -0.87 0.00	31.10 -0.67 0.00	27.75 -0.61 0.00	26.08 -0.55 0.00	29.86 -0.60 0.00	25.94 -0.43 0.00	25.53 -0.34 0.00	26.20 -0.35 0.00	27.18 -0.49 0.00	32.08 -0.52 0.00	33.09 -0.64 0.00	47.49 -0.91 -0.58	62.93 -1.19 0.00	55.92 -1.09 0.00	56.41 -1.29 0.00	52.99 -1.00 0.00	30.36 -0.41 0.00
CARTHAGE___PAPER 23857	26.29 -0.97 0.00	24.07 -1.15 -0.20	26.46 -1.29 -2.26	24.41 -1.33 1.26	29.38 -1.35 -2.40	30.77 -1.23 -1.47	33.78 -1.19 0.00	43.20 -1.51 0.00	30.61 -1.17 0.00	27.26 -1.09 0.00	25.19 -1.44 0.00	28.86 -1.59 0.00	25.06 -1.30 0.00	24.25 -1.58 0.04	19.67 -1.82 5.07	11.69 -2.12 13.86	29.24 -2.58 0.78	31.23 -2.50 0.00	46.06 -2.34 -0.59	63.64 -0.49 0.00	57.09 0.09 0.00	57.65 -0.05 0.00	53.81 -0.18 0.00	30.43 -0.34 0.00
CASSADAGA_WT_PWR 323784	25.65 -1.61 0.00	23.59 -1.43 0.00	23.42 -2.06 0.00	24.90 -2.10 0.00	26.44 -1.88 0.00	29.29 -1.25 0.00	33.92 -1.05 0.00	43.27 -1.43 0.00	31.18 -0.59 0.00	27.76 -0.40 0.20	26.04 -0.58 0.00	29.62 -0.84 0.00	25.43 -0.54 0.39	24.67 -0.65 0.55	25.57 -0.64 0.34	26.41 -0.82 0.43	31.04 -0.97 0.60	32.70 -1.03 0.00	46.58 -1.24 0.00	62.78 -1.34 0.00	55.56 -1.45 0.00	55.56 -2.14 0.00	52.41 -1.59 0.00	30.39 -0.38 0.00
CE_DUNWOOD___DRP 24194	28.89 1.62 0.00	26.51 1.49 0.00	26.95 1.47 0.00	28.56 1.56 0.00	29.86 1.54 0.00	32.30 1.77 0.00	36.90 1.92 0.00	47.26 2.55 0.00	33.71 1.93 0.00	30.24 1.89 0.00	31.92 1.77 -3.52	32.92 2.13 -0.34	28.47 2.11 0.00	29.68 2.30 -1.51	28.95 2.39 0.00	30.28 2.60 0.00	35.56 2.96 0.00	36.81 3.08 0.00	51.95 4.13 0.00	69.29 5.16 0.00	61.54 4.53 0.00	62.08 4.38 0.00	57.76 3.77 0.00	32.84 2.07 0.00
CE_MILLWOOD___DRP 24193	28.82 1.55 0.00	26.45 1.43 0.00	26.90 1.41 0.00	28.50 1.50 0.00	29.81 1.48 0.00	32.23 1.70 0.00	36.82 1.85 0.00	47.16 2.45 0.00	33.61 1.84 0.00	30.15 1.80 0.00	31.88 1.69 -3.56	32.82 2.03 -0.34	28.38 2.02 0.00	29.60 2.21 -1.52	28.86 2.30 0.00	30.18 2.51 0.00	35.45 2.85 0.00	36.70 2.97 0.00	51.81 3.99 0.00	69.11 4.98 0.00	61.39 4.38 0.00	61.94 4.24 0.00	57.63 3.64 0.00	32.76 1.98 0.00
CE_NYC2_DRP 24202	29.10 1.84 0.00	26.69 1.67 0.00	27.12 1.64 0.00	28.72 1.73 0.00	30.02 1.70 0.00	32.49 1.95 0.00	37.15 2.18 0.00	47.63 2.93 0.00	34.04 2.26 0.00	30.57 2.21 -0.01	32.07 2.08 -3.37	33.26 2.48 -0.33	28.82 2.46 -0.01	29.96 2.65 -1.45	29.33 2.77 0.00	30.64 2.97 0.00	35.95 3.35 0.00	37.15 3.42 0.00	52.32 4.51 0.00	69.78 5.66 0.00	61.93 4.92 0.00	62.41 4.71 0.00	58.14 4.15 0.00	33.09 2.32 0.00
CE_NYC_DRP 24195	29.07 1.81 0.00	26.67 1.65 0.00	27.10 1.61 0.00	28.71 1.71 0.00	30.01 1.68 0.00	32.47 1.93 0.00	37.13 2.16 0.00	47.60 2.90 0.00	33.99 2.21 0.00	30.53 2.17 0.00	32.07 2.06 -3.37	33.25 2.48 -0.32	28.81 2.45 0.00	29.87 2.65 -1.35	25.71 2.76 3.60	27.95 2.98 2.70	33.29 3.39 2.70	35.44 3.48 1.78	51.38 4.60 1.04	69.91 5.79 0.00	62.04 5.03 0.00	62.52 4.82 0.00	58.20 4.21 0.00	33.10 2.33 0.00
CHAFFEE___LFGE 323603	26.10 -1.16 0.00	24.15 -0.87 0.00	24.22 -1.26 0.00	25.79 -1.20 0.00	27.23 -1.10 0.00	29.47 -1.06 0.00	33.81 -1.16 0.00	42.80 -1.90 0.00	30.24 -1.53 0.00	26.79 -1.32 0.25	25.61 -1.02 0.00	29.18 -1.28 0.00	24.63 -1.26 0.47	24.10 -1.11 0.66	25.15 -1.02 0.39	25.92 -1.27 0.49	30.56 -1.37 0.67	31.90 -1.84 0.00	45.06 -2.76 0.00	60.75 -3.37 0.00	53.89 -3.12 0.00	54.02 -3.68 0.00	51.42 -2.57 0.00	29.73 -1.04 0.00
CHATEAUG_35_KV_LOAD 355732	26.59 -0.67 0.00	19.83 -0.93 4.26	-24.50 -1.05 48.93	-23.36 -1.15 49.21	-24.71 -1.07 51.96	-2.28 -1.11 31.71	34.13 -0.84 0.00	44.18 -0.52 0.00	31.26 -0.52 0.00	27.88 -0.48 0.00	26.07 -0.55 0.00	29.53 -0.93 0.00	25.24 -1.12 0.00	24.38 -1.34 0.16	2.69 -1.46 22.40	-13.70 -1.50 39.87	18.75 -1.66 12.20	32.07 -1.66 0.00	45.65 -2.17 0.00	61.78 -2.34 0.00	55.44 -1.57 0.00	56.64 -1.06 0.00	52.97 -1.02 0.00	30.19 -0.58 0.00
CHATEAUG_WT_PWR 323614	26.60 -0.66 0.00	20.15 -0.91 3.96	-21.02 -1.07 45.44	-21.02 -1.15 46.86	-21.02 -1.09 48.26	-0.03 -1.12 29.45	34.09 -0.88 0.00	44.13 -0.57 0.00	31.25 -0.52 0.00	27.91 -0.44 0.00	26.13 -0.50 0.00	29.57 -0.88 0.00	25.29 -1.07 0.00	24.44 -1.27 0.16	2.31 -1.39 22.86	-14.28 -1.44 40.51	17.80 -1.59 13.21	32.14 -1.60 0.00	45.76 -2.06 0.00	61.81 -2.31 0.00	55.41 -1.60 0.00	56.62 -1.09 0.00	52.91 -1.08 0.00	30.18 -0.59 0.00
CHAT_HIGH_FALL_HYD 323578	26.59 -0.67 0.00	19.83 -0.93 4.26	-24.50 -1.05 48.93	-23.36 -1.15 49.21	-24.71 -1.07 51.96	-2.28 -1.11 31.71	34.13 -0.84 0.00	44.18 -0.52 0.00	31.26 -0.52 0.00	27.88 -0.48 0.00	26.07 -0.55 0.00	29.53 -0.93 0.00	25.24 -1.12 0.00	24.38 -1.34 0.16	2.69 -1.46 22.40	-13.70 -1.50 39.87	18.75 -1.66 12.20	32.07 -1.66 0.00	45.65 -2.17 0.00	61.78 -2.34 0.00	55.44 -1.57 0.00	56.64 -1.06 0.00	52.97 -1.02 0.00	30.19 -0.58 0.00
CHAUTAUQUA___LFGE 323629	25.84 -1.43 0.00	23.81 -1.21 0.00	23.70 -1.78 0.00	25.26 -1.74 0.00	26.72 -1.61 0.00	29.19 -1.35 0.00	33.60 -1.37 0.00	42.85 -1.85 0.00	30.85 -0.93 0.00	27.43 -0.67 0.25	26.07 -0.56 0.00	29.65 -0.80 0.00	25.25 -0.63 0.48	24.44 -0.76 0.67	25.36 -0.78 0.42	26.16 -0.98 0.53	30.84 -1.03 0.73	32.43 -1.31 0.00	46.02 -1.80 0.00	62.03 -2.10 0.00	54.89 -2.12 0.00	54.93 -2.77 0.00	51.96 -2.03 0.00	30.11 -0.66 0.00
CHERRYST_13_KV_LD 356241	29.14 1.88 0.00	26.74 1.72 0.00	27.16 1.68 0.00	28.77 1.78 0.00	30.08 1.75 0.00	32.55 2.02 0.00	37.23 2.26 0.00	47.75 3.05 0.00	34.10 2.33 0.00	30.64 2.28 0.00	32.16 2.16 -3.37	33.37 2.59 -0.32	28.91 2.55 0.00	30.07 2.75 -1.44	29.42 2.87 0.00	30.76 3.09 0.00	36.13 3.53 0.00	37.35 3.62 0.00	52.60 4.78 0.00	70.12 5.99 0.00	62.21 5.20 0.00	62.68 4.98 0.00	58.36 4.37 0.00	33.19 2.41 0.00

CHESTROR_138KV_BK263 355645	28.58 1.32 0.00	26.23 1.21 0.00	26.68 1.19 0.00	28.27 1.27 0.00	29.58 1.26 0.00	31.98 1.45 0.00	36.53 1.56 0.00	46.75 2.04 0.00	33.29 1.52 0.00	29.82 1.47 0.00	24.03 1.38 3.97	31.71 1.63 0.38	28.02 1.66 0.00	26.03 1.86 1.70	28.49 1.93 0.00	29.81 2.14 0.00	35.05 2.45 0.00	36.30 2.57 0.00	51.30 3.48 0.00	68.48 4.36 0.00	60.93 3.92 0.00	61.50 3.80 0.00	57.20 3.20 0.00	32.50 1.73 0.00
CH_MIDHUDSON___DRP 24192	28.76 1.50 0.00	26.39 1.37 0.00	26.87 1.38 0.00	28.46 1.46 0.00	29.78 1.45 0.00	32.17 1.63 0.00	36.76 1.79 0.00	47.06 2.36 0.00	33.55 1.78 0.00	30.05 1.69 0.00	28.20 1.57 0.00	32.32 1.87 0.00	28.17 1.81 0.00	27.87 2.00 0.00	28.63 2.08 0.00	29.93 2.26 0.00	35.21 2.61 0.00	36.47 2.74 0.00	51.58 3.77 0.00	68.86 4.74 0.00	61.15 4.15 0.00	61.73 4.03 0.00	57.44 3.45 0.00	32.63 1.86 0.00
CH_MISC_IPPS 23765	28.88 1.62 0.00	26.50 1.48 0.00	26.96 1.48 0.00	28.57 1.57 0.00	29.89 1.57 0.00	32.31 1.78 0.00	36.93 1.95 0.00	47.29 2.58 0.00	33.71 1.93 0.00	30.18 1.83 0.00	28.32 1.69 0.00	32.47 2.02 0.00	28.30 1.94 0.00	28.03 2.16 0.00	28.80 2.25 0.00	30.14 2.47 0.00	35.46 2.86 0.00	36.73 2.99 0.00	51.93 4.11 0.00	69.33 5.20 0.00	61.59 4.58 0.00	62.14 4.44 0.00	57.81 3.81 0.00	32.82 2.05 0.00
CH_RES_BVR_FALLS 23983	26.61 -0.65 0.00	24.33 -0.69 0.00	24.81 -0.68 0.00	6.71 -0.70 19.60	27.73 -0.60 0.00	29.88 -0.65 0.00	34.34 -0.63 0.00	43.87 -0.83 0.00	31.14 -0.64 0.00	27.84 -0.51 0.00	26.17 -0.46 0.00	29.89 -0.57 0.00	25.83 -0.53 0.00	24.83 -0.80 0.24	-8.41 -0.81 34.15	-32.78 -0.79 59.66	30.43 -0.95 1.23	32.82 -0.91 0.00	46.68 -1.14 0.00	63.04 -1.08 0.00	56.17 -0.84 0.00	57.16 -0.54 0.00	53.50 -0.49 0.00	30.37 -0.40 0.00
CH_RES_NIAGARA 23895	25.02 -2.24 0.00	23.11 -1.91 0.00	23.16 -2.32 0.00	24.51 -2.49 0.00	25.94 -2.39 0.00	27.97 -2.57 0.00	32.00 -2.98 0.00	40.87 -3.84 0.00	29.59 -2.19 0.00	26.37 -1.74 0.24	25.17 -1.45 0.00	28.60 -1.86 0.00	24.06 -1.85 0.45	23.50 -1.75 0.62	24.35 -1.84 0.36	25.16 -2.05 0.46	29.56 -2.41 0.63	30.63 -3.10 0.00	43.18 -4.64 0.00	58.25 -5.87 0.00	51.71 -5.30 0.00	51.86 -5.83 0.00	49.67 -4.33 0.00	28.77 -2.00 0.00
CH_RES_SYRACUSE 23985	26.89 -0.37 0.00	24.68 -0.34 0.00	25.12 -0.37 0.00	26.63 -0.37 0.00	27.92 -0.41 0.00	30.13 -0.41 0.00	34.50 -0.48 0.00	43.98 -0.73 0.00	31.20 -0.58 0.00	27.81 -0.55 0.00	26.15 -0.48 0.00	29.94 -0.52 0.00	25.99 -0.37 0.00	25.59 -0.28 0.00	26.25 -0.30 0.00	27.23 -0.44 0.00	32.18 -0.42 0.00	33.26 -0.47 0.00	48.09 -0.63 -0.91	63.32 -0.80 0.00	56.24 -0.77 0.00	56.74 -0.96 0.00	53.17 -0.82 0.00	30.46 -0.31 0.00
CLINTON_WT_PWR 323605	26.60 -0.66 0.00	20.15 -0.91 3.96	-21.02 -1.07 45.44	-21.02 -1.15 46.86	-21.02 -1.09 48.26	-0.03 -1.12 29.45	34.09 -0.88 0.00	44.13 -0.57 0.00	31.25 -0.52 0.00	27.91 -0.44 0.00	26.13 -0.50 0.00	29.57 -0.88 0.00	25.29 -1.07 0.00	24.44 -1.27 0.16	2.31 -1.39 22.86	-14.28 -1.44 40.51	17.80 -1.59 13.21	32.14 -1.60 0.00	45.76 -2.06 0.00	61.81 -2.31 0.00	55.41 -1.60 0.00	56.62 -1.09 0.00	52.91 -1.08 0.00	30.18 -0.59 0.00
CLINTON___LFGE 323618	26.86 -0.40 0.00	20.31 -0.67 4.04	-21.76 -0.89 46.36	-21.47 -0.99 47.48	-21.81 -0.90 49.23	-0.41 -0.91 30.05	34.39 -0.59 0.00	44.59 -0.11 0.00	31.66 -0.12 0.00	28.46 0.10 0.00	26.57 -0.06 0.00	29.88 -0.57 0.00	25.51 -0.85 0.00	24.63 -1.08 0.16	2.63 -1.19 22.74	-13.92 -1.25 40.34	18.27 -1.39 12.95	32.40 -1.33 0.00	46.14 -1.67 0.00	62.45 -1.68 0.00	56.04 -0.97 0.00	57.28 -0.42 0.00	53.46 -0.54 0.00	30.45 -0.32 0.00
COBBLENY_34_KV_TB1 80064	26.10 -1.16 0.00	24.15 -0.87 0.00	24.23 -1.26 0.00	25.79 -1.20 0.00	27.24 -1.09 0.00	29.47 -1.06 0.00	33.82 -1.16 0.00	42.81 -1.90 0.00	30.24 -1.54 0.00	26.82 -1.28 0.25	25.59 -1.04 0.00	29.20 -1.25 0.00	24.59 -1.30 0.47	24.13 -1.09 0.66	25.11 -1.05 0.39	25.92 -1.27 0.49	30.56 -1.37 0.67	31.89 -1.84 0.00	45.07 -2.75 0.00	60.76 -3.36 0.00	53.89 -3.12 0.00	54.04 -3.66 0.00	51.42 -2.58 0.00	29.73 -1.04 0.00
COFFEEN___115KV_TB3 355620	26.27 -1.00 0.00	24.03 -1.16 -0.16	26.04 -1.32 -1.87	24.62 -1.36 1.02	28.92 -1.40 -1.99	30.48 -1.27 -1.22	33.74 -1.23 0.00	43.11 -1.60 0.00	30.61 -1.16 0.00	27.21 -1.14 0.00	24.88 -1.75 0.00	28.74 -1.71 0.00	24.91 -1.45 0.00	24.11 -1.73 0.03	20.31 -2.08 4.16	13.92 -2.39 11.36	29.09 -2.87 0.65	30.84 -2.89 0.00	45.82 -2.71 -0.71	63.60 -0.53 0.00	57.12 0.12 0.00	57.61 -0.09 0.00	53.73 -0.26 0.00	30.41 -0.36 0.00
COLDSPRG_115KV_BK1 355956	26.31 -0.95 0.00	24.26 -0.76 0.00	24.21 -1.27 0.00	25.77 -1.23 0.00	27.27 -1.06 0.00	29.81 -0.73 0.00	34.33 -0.64 0.00	43.91 -0.79 0.00	31.60 -0.18 0.00	28.22 -0.01 0.13	26.59 -0.04 0.00	30.33 -0.12 0.00	26.00 -0.11 0.25	25.37 -0.15 0.36	26.14 -0.19 0.22	27.01 -0.38 0.28	31.88 -0.33 0.38	33.21 -0.52 0.00	47.04 -0.77 0.00	63.33 -0.80 0.00	55.98 -1.03 0.00	56.04 -1.66 0.00	52.88 -1.11 0.00	30.59 -0.18 0.00
COLONIE_LFGE___ 323577	28.18 0.92 0.00	25.88 0.86 0.00	26.45 0.97 0.00	28.02 1.02 0.00	29.34 1.01 0.00	31.66 1.12 0.00	36.18 1.21 0.00	46.17 1.47 0.00	32.89 1.11 0.00	29.29 0.94 0.00	27.43 0.80 0.00	31.36 0.91 0.00	27.18 0.82 0.00	26.80 0.93 0.00	27.49 0.94 0.00	28.72 1.04 0.00	33.84 1.24 0.00	35.09 1.35 0.00	49.82 2.00 0.00	66.57 2.44 0.00	59.04 2.03 0.00	59.87 2.17 0.00	55.77 1.78 0.00	31.71 0.94 0.00
COOPERNY_115KV_TB1 80082	28.36 1.09 0.00	26.02 1.00 0.00	26.46 0.98 0.00	28.05 1.05 0.00	29.37 1.04 0.00	31.73 1.20 0.00	36.24 1.27 0.00	46.38 1.67 0.00	33.02 1.25 0.00	29.57 1.22 0.00	25.25 1.15 2.53	31.58 1.37 0.24	27.76 1.40 0.00	26.37 1.58 1.08	28.19 1.64 0.00	29.47 1.80 0.00	34.64 2.04 0.00	35.89 2.15 0.00	50.73 2.91 0.00	67.76 3.64 0.00	60.35 3.34 0.00	60.92 3.22 0.00	56.71 2.72 0.00	32.23 1.46 0.00
COPENHAGEN_WT_PWR 323753	25.88 -1.38 0.00	23.64 -1.53 -0.15	25.54 -1.72 -1.77	24.26 -1.78 0.96	28.35 -1.86 -1.88	29.90 -1.78 -1.15	33.12 -1.86 0.00	42.33 -2.38 0.00	30.04 -1.73 0.00	26.74 -1.61 0.00	24.62 -2.01 0.00	28.42 -2.04 0.00	24.72 -1.64 0.00	23.90 -1.94 0.03	20.36 -2.28 3.92	14.35 -2.63 10.69	28.86 -3.13 0.61	30.63 -3.10 0.00	45.51 -3.06 -0.74	62.96 -1.17 0.00	56.47 -0.54 0.00	56.95 -0.75 0.00	53.17 -0.83 0.00	30.12 -0.65 0.00
CORNELL_____ 23752	27.27 0.01 0.00	25.03 0.01 0.00	25.43 -0.06 0.00	26.98 -0.02 0.00	28.29 -0.04 0.00	30.54 0.00 0.00	35.00 0.03 0.00	44.65 -0.06 0.00	31.54 -0.24 0.00	28.12 -0.33 -0.09	26.38 -0.25 0.00	30.26 -0.20 0.00	26.48 -0.09 -0.21	25.98 -0.18 -0.29	26.80 0.08 -0.17	27.73 -0.15 -0.22	32.92 0.02 -0.30	33.95 0.22 0.00	48.81 0.53 -0.46	65.09 0.96 0.00	57.76 0.75 0.00	58.10 0.40 0.00	54.39 0.39 0.00	31.11 0.34 0.00

CORONA_69_KV_TB1 355595	29.14 1.88 0.00	26.77 1.75 0.00	27.21 1.73 0.00	28.82 1.83 0.00	30.13 1.80 0.00	32.62 2.08 0.00	37.20 2.22 0.00	47.58 2.88 0.00	33.92 2.14 0.00	41.17 2.15 -10.66	106.05 2.15 -77.28	104.89 2.49 -71.95	97.02 2.40 -68.26	203.97 2.62 -175.49	317.09 2.67 -287.87	132.09 2.80 -101.61	122.35 3.14 -86.61	126.52 3.37 -89.42	154.14 4.57 -101.75	110.88 5.70 -41.05	165.97 5.21 -103.76	261.40 5.27 -198.42	58.37 4.37 0.00	33.34 2.53 -0.04
CORTLAND_115KV_TB3 80093	27.19 -0.07 0.00	24.95 -0.07 0.00	25.37 -0.12 0.00	26.93 -0.07 0.00	28.23 -0.10 0.00	30.46 -0.08 0.00	34.89 -0.08 0.00	44.55 -0.16 0.00	31.57 -0.20 0.00	28.13 -0.26 -0.04	26.43 -0.19 0.00	30.28 -0.17 0.00	26.29 -0.07 0.00	25.82 -0.05 0.00	26.58 0.03 0.00	27.56 -0.11 0.00	32.56 -0.04 0.00	33.76 0.03 0.00	48.49 0.16 -0.51	64.47 0.34 0.00	57.23 0.22 0.00	57.64 -0.06 0.00	53.96 -0.03 0.00	30.88 0.11 0.00
COXSACKIE___GT 23611	28.54 1.28 0.00	26.19 1.17 0.00	26.74 1.25 0.00	28.30 1.30 0.00	29.68 1.36 0.00	32.05 1.51 0.00	36.72 1.74 0.00	46.94 2.23 0.00	33.44 1.67 0.00	29.61 1.26 0.00	27.36 0.73 0.00	31.18 0.73 0.00	26.97 0.60 0.00	26.79 0.92 0.00	27.66 1.11 0.00	28.93 1.26 0.00	34.23 1.63 0.00	35.37 1.64 0.00	50.48 2.66 0.00	67.77 3.65 0.00	60.38 3.38 0.00	61.06 3.36 0.00	56.83 2.84 0.00	32.33 1.56 0.00
CPV_VALLEY___CC1 323721	28.40 1.14 0.00	26.07 1.05 0.00	26.51 1.03 0.00	28.10 1.10 0.00	29.41 1.08 0.00	31.79 1.25 0.00	36.28 1.31 0.00	46.42 1.72 0.00	33.07 1.29 0.00	29.63 1.28 0.00	24.90 1.21 2.93	31.62 1.45 0.28	27.84 1.48 0.00	26.30 1.68 1.26	28.30 1.75 0.00	29.60 1.93 0.00	34.78 2.18 0.00	36.02 2.29 0.00	50.91 3.09 0.00	67.97 3.84 0.00	60.55 3.55 0.00	61.12 3.42 0.00	56.86 2.87 0.00	32.32 1.54 0.00
CPV_VALLEY___CC2 323722	28.40 1.14 0.00	26.07 1.05 0.00	26.51 1.03 0.00	28.10 1.10 0.00	29.41 1.08 0.00	31.79 1.25 0.00	36.28 1.31 0.00	46.42 1.72 0.00	33.07 1.29 0.00	29.63 1.28 0.00	24.90 1.21 2.93	31.62 1.45 0.28	27.84 1.48 0.00	26.30 1.68 1.26	28.30 1.75 0.00	29.60 1.93 0.00	34.78 2.18 0.00	36.02 2.29 0.00	50.91 3.09 0.00	67.97 3.84 0.00	60.55 3.55 0.00	61.12 3.42 0.00	56.86 2.87 0.00	32.32 1.54 0.00
CRESCENT___HYD 24018	28.18 0.92 0.00	25.88 0.86 0.00	26.45 0.97 0.00	28.02 1.02 0.00	29.34 1.01 0.00	31.66 1.12 0.00	36.18 1.21 0.00	46.17 1.47 0.00	32.89 1.11 0.00	29.29 0.94 0.00	27.43 0.80 0.00	31.36 0.91 0.00	27.18 0.82 0.00	26.80 0.93 0.00	27.49 0.94 0.00	28.72 1.04 0.00	33.84 1.24 0.00	35.09 1.35 0.00	49.82 2.00 0.00	66.57 2.44 0.00	59.04 2.03 0.00	59.87 2.17 0.00	55.77 1.78 0.00	31.71 0.94 0.00
CRICKET___VALLEY_CC1 323756	28.58 1.32 0.00	26.24 1.22 0.00	26.74 1.26 0.00	28.32 1.32 0.00	29.62 1.29 0.00	31.98 1.45 0.00	36.52 1.55 0.00	46.71 2.00 0.00	33.29 1.52 0.00	29.82 1.47 0.00	28.95 1.36 -0.97	32.17 1.62 -0.09	27.91 1.55 0.00	28.01 1.72 -0.41	28.32 1.77 0.00	29.58 1.91 0.00	34.80 2.20 0.00	36.09 2.35 0.00	51.10 3.28 0.00	68.21 4.09 0.00	60.52 3.51 0.00	61.17 3.47 0.00	56.91 2.91 0.00	32.31 1.54 0.00
CRICKET___VALLEY_CC2 323757	28.58 1.32 0.00	26.24 1.22 0.00	26.74 1.26 0.00	28.32 1.32 0.00	29.62 1.29 0.00	31.98 1.45 0.00	36.52 1.55 0.00	46.71 2.00 0.00	33.29 1.52 0.00	29.82 1.47 0.00	28.95 1.36 -0.97	32.17 1.62 -0.09	27.91 1.55 0.00	28.01 1.72 -0.41	28.32 1.77 0.00	29.58 1.91 0.00	34.80 2.20 0.00	36.09 2.35 0.00	51.10 3.28 0.00	68.21 4.09 0.00	60.52 3.51 0.00	61.17 3.47 0.00	56.91 2.91 0.00	32.31 1.54 0.00
CRICKET___VALLEY_CC3 323758	28.58 1.32 0.00	26.24 1.22 0.00	26.74 1.26 0.00	28.32 1.32 0.00	29.62 1.29 0.00	31.98 1.45 0.00	36.52 1.55 0.00	46.71 2.00 0.00	33.29 1.52 0.00	29.82 1.47 0.00	28.95 1.36 -0.97	32.17 1.62 -0.09	27.91 1.55 0.00	28.01 1.72 -0.41	28.32 1.77 0.00	29.58 1.91 0.00	34.80 2.20 0.00	36.09 2.35 0.00	51.10 3.28 0.00	68.21 4.09 0.00	60.52 3.51 0.00	61.17 3.47 0.00	56.91 2.91 0.00	32.31 1.54 0.00
CRUCIBLE_METL_DRP 24180	26.89 -0.37 0.00	24.68 -0.34 0.00	25.12 -0.37 0.00	26.63 -0.37 0.00	27.92 -0.40 0.00	30.13 -0.41 0.00	34.50 -0.48 0.00	43.98 -0.72 0.00	31.20 -0.58 0.00	27.81 -0.54 0.00	26.15 -0.48 0.00	29.94 -0.51 0.00	25.99 -0.37 0.00	25.59 -0.28 0.00	26.25 -0.30 0.00	27.23 -0.44 0.00	32.18 -0.42 0.00	33.26 -0.47 0.00	48.09 -0.63 -0.91	63.32 -0.80 0.00	56.24 -0.77 0.00	56.75 -0.95 0.00	53.17 -0.82 0.00	30.46 -0.31 0.00
DAHOWA___HYDRO 323763	28.59 1.33 0.00	26.25 1.23 0.00	26.83 1.35 0.00	28.43 1.43 0.00	29.80 1.47 0.00	32.14 1.61 0.00	36.78 1.80 0.00	46.94 2.24 0.00	33.40 1.63 0.00	29.62 1.27 0.00	27.66 1.03 0.00	31.60 1.15 0.00	27.34 0.98 0.00	27.01 1.14 0.00	27.79 1.24 0.00	29.11 1.44 0.00	34.35 1.75 0.00	35.67 1.94 0.00	50.82 3.00 0.00	68.03 3.90 0.00	60.32 3.31 0.00	61.15 3.45 0.00	56.88 2.88 0.00	32.24 1.47 0.00
DANC___LFGE 323619	26.12 -1.15 0.00	23.91 -1.22 -0.10	25.35 -1.34 -1.21	24.98 -1.40 0.62	28.13 -1.48 -1.28	29.88 -1.44 -0.78	33.43 -1.54 0.00	42.75 -1.96 0.00	30.35 -1.42 0.00	27.03 -1.33 0.00	25.07 -1.56 0.00	28.85 -1.60 0.00	25.08 -1.28 0.00	24.41 -1.45 0.02	22.28 -1.68 2.59	18.69 -1.95 7.03	29.86 -2.33 0.41	31.42 -2.32 0.00	46.29 -2.46 -0.92	62.67 -1.46 0.00	56.04 -0.97 0.00	56.58 -1.12 0.00	52.93 -1.07 0.00	30.11 -0.66 0.00
DANSKAMMER___1 23586	28.88 1.62 0.00	26.50 1.48 0.00	26.96 1.48 0.00	28.57 1.57 0.00	29.89 1.57 0.00	32.31 1.78 0.00	36.93 1.95 0.00	47.29 2.58 0.00	33.71 1.93 0.00	30.18 1.83 0.00	28.32 1.69 0.00	32.47 2.02 0.00	28.30 1.94 0.00	28.03 2.16 0.00	28.80 2.25 0.00	30.14 2.47 0.00	35.46 2.86 0.00	36.73 2.99 0.00	51.93 4.11 0.00	69.33 5.20 0.00	61.59 4.58 0.00	62.14 4.44 0.00	57.81 3.81 0.00	32.82 2.05 0.00
DANSKAMMER___2 23589	28.88 1.62 0.00	26.50 1.48 0.00	26.96 1.48 0.00	28.57 1.57 0.00	29.89 1.57 0.00	32.31 1.78 0.00	36.93 1.95 0.00	47.29 2.58 0.00	33.71 1.93 0.00	30.18 1.83 0.00	28.32 1.69 0.00	32.47 2.02 0.00	28.30 1.94 0.00	28.03 2.16 0.00	28.80 2.25 0.00	30.14 2.47 0.00	35.46 2.86 0.00	36.73 2.99 0.00	51.93 4.11 0.00	69.33 5.20 0.00	61.59 4.58 0.00	62.14 4.44 0.00	57.81 3.81 0.00	32.82 2.05 0.00
DANSKAMMER___3 23590	28.88 1.62 0.00	26.50 1.48 0.00	26.96 1.48 0.00	28.57 1.57 0.00	29.89 1.57 0.00	32.31 1.78 0.00	36.93 1.95 0.00	47.29 2.58 0.00	33.71 1.93 0.00	30.18 1.83 0.00	28.32 1.69 0.00	32.47 2.02 0.00	28.30 1.94 0.00	28.03 2.16 0.00	28.80 2.25 0.00	30.14 2.47 0.00	35.46 2.86 0.00	36.73 2.99 0.00	51.93 4.11 0.00	69.33 5.20 0.00	61.59 4.58 0.00	62.14 4.44 0.00	57.81 3.81 0.00	32.82 2.05 0.00

DANSKAMMER___4 23591	28.88 1.62 0.00	26.50 1.48 0.00	26.96 1.48 0.00	28.57 1.57 0.00	29.89 1.57 0.00	32.31 1.78 0.00	36.93 1.95 0.00	47.29 2.58 0.00	33.71 1.93 0.00	30.18 1.83 0.00	28.32 1.69 0.00	32.47 2.02 0.00	28.30 1.94 0.00	28.03 2.16 0.00	28.80 2.25 0.00	30.14 2.47 0.00	35.46 2.86 0.00	36.73 2.99 0.00	51.93 4.11 0.00	69.33 5.20 0.00	61.59 4.58 0.00	62.14 4.44 0.00	57.81 3.81 0.00	32.82 2.05 0.00
DANSKAMMER___DIESEL 23592	28.88 1.62 0.00	26.50 1.48 0.00	26.96 1.48 0.00	28.57 1.57 0.00	29.89 1.57 0.00	32.31 1.78 0.00	36.93 1.95 0.00	47.29 2.58 0.00	33.71 1.93 0.00	30.18 1.82 0.00	28.32 1.69 0.00	32.47 2.02 0.00	28.31 1.95 0.00	28.03 2.15 0.00	28.81 2.26 0.00	30.13 2.46 0.00	35.46 2.86 0.00	36.73 2.99 0.00	51.93 4.11 0.00	69.33 5.20 0.00	61.59 4.58 0.00	62.14 4.44 0.00	57.81 3.81 0.00	32.82 2.05 0.00
DARBY___SOLAR 323810	28.52 1.26 0.00	26.19 1.17 0.00	26.76 1.28 0.00	28.35 1.35 0.00	29.72 1.39 0.00	32.05 1.52 0.00	36.66 1.69 0.00	46.79 2.08 0.00	33.29 1.51 0.00	29.53 1.18 0.00	27.58 0.95 0.00	31.52 1.07 0.00	27.28 0.92 0.00	26.95 1.08 0.00	27.73 1.18 0.00	29.04 1.36 0.00	34.26 1.66 0.00	35.58 1.85 0.00	50.64 2.83 0.00	67.77 3.64 0.00	60.10 3.09 0.00	60.94 3.24 0.00	56.71 2.72 0.00	32.17 1.40 0.00
DASHVILLE___HYD 23610	28.63 1.37 0.00	26.27 1.25 0.00	26.74 1.26 0.00	28.32 1.32 0.00	29.64 1.31 0.00	32.01 1.47 0.00	36.58 1.60 0.00	46.83 2.13 0.00	33.38 1.60 0.00	29.88 1.53 0.00	27.53 1.42 0.52	32.06 1.65 0.05	28.01 1.65 0.00	27.50 1.85 0.22	28.47 1.92 0.00	29.78 2.11 0.00	35.06 2.46 0.00	36.34 2.61 0.00	51.35 3.53 0.00	68.55 4.42 0.00	60.93 3.92 0.00	61.47 3.77 0.00	57.23 3.23 0.00	32.48 1.71 0.00
DELAWARE___LFGE 323621	27.54 0.28 0.00	25.28 0.26 0.00	25.77 0.29 0.00	27.36 0.36 0.00	28.68 0.36 0.00	30.90 0.36 0.00	35.42 0.45 0.00	45.32 0.61 0.00	32.23 0.46 0.00	28.76 0.40 0.00	27.01 0.38 0.00	30.92 0.47 0.00	26.83 0.47 0.00	26.42 0.54 0.00	27.11 0.56 0.00	28.22 0.55 0.00	33.27 0.67 0.00	34.48 0.75 0.00	49.03 1.04 -0.17	65.50 1.37 0.00	58.18 1.18 0.00	58.75 1.05 0.00	55.00 1.00 0.00	31.39 0.62 0.00
DERFIELD_115KV_TB7 355931	27.23 -0.03 0.00	24.99 -0.03 0.00	25.48 -0.01 0.00	27.62 0.00 -0.62	28.32 -0.01 0.00	30.52 -0.02 0.00	34.94 -0.04 0.00	44.61 -0.09 0.00	31.74 -0.04 0.00	28.32 -0.04 0.00	26.59 -0.04 0.00	30.42 -0.03 0.00	26.35 -0.01 0.00	25.89 0.01 -0.01	27.68 0.01 -1.12	30.11 0.02 -2.41	32.64 0.00 -0.04	33.74 0.01 0.00	47.87 0.05 0.00	64.18 0.06 0.00	57.03 0.02 0.00	57.70 0.00 0.00	53.94 -0.05 0.00	30.76 -0.02 0.00
DOGLEVILLE___HYD 23807	26.77 -0.50 0.00	24.58 -0.44 0.00	25.12 -0.36 0.00	27.38 -0.24 -0.62	27.95 -0.37 0.00	30.16 -0.38 0.00	34.62 -0.35 0.00	44.31 -0.39 0.00	31.16 -0.62 0.00	27.41 -0.94 0.00	25.54 -1.09 0.00	29.46 -1.00 0.00	25.53 -0.83 0.00	25.14 -0.74 -0.01	26.92 -0.75 -1.12	29.42 -0.66 -2.41	31.95 -0.69 -0.04	33.24 -0.49 0.00	47.53 -0.29 0.00	64.27 0.15 0.00	57.11 0.10 0.00	57.57 -0.12 0.00	53.69 -0.31 0.00	30.50 -0.27 0.00
DUNKIRK__115KV_TB_200 55889	25.86 -1.40 0.00	23.84 -1.18 0.00	23.74 -1.74 0.00	25.31 -1.69 0.00	26.76 -1.56 0.00	29.20 -1.34 0.00	33.58 -1.40 0.00	42.83 -1.87 0.00	30.83 -0.95 0.00	27.43 -0.67 0.25	26.06 -0.57 0.00	29.67 -0.78 0.00	25.21 -0.66 0.49	24.44 -0.74 0.69	25.32 -0.81 0.43	26.14 -0.99 0.54	30.81 -1.05 0.74	32.41 -1.33 0.00	45.96 -1.86 0.00	61.93 -2.19 0.00	54.81 -2.21 0.00	54.84 -2.86 0.00	51.90 -2.09 0.00	30.06 -0.71 0.00
DUNKIRK___1 23563	25.86 -1.40 0.00	23.84 -1.18 0.00	23.74 -1.74 0.00	25.31 -1.69 0.00	26.76 -1.56 0.00	29.20 -1.34 0.00	33.58 -1.40 0.00	42.83 -1.87 0.00	30.83 -0.95 0.00	27.43 -0.67 0.25	26.06 -0.57 0.00	29.67 -0.78 0.00	25.21 -0.66 0.49	24.44 -0.74 0.69	25.32 -0.81 0.43	26.14 -0.99 0.54	30.81 -1.05 0.74	32.41 -1.33 0.00	45.96 -1.86 0.00	61.93 -2.19 0.00	54.81 -2.21 0.00	54.84 -2.86 0.00	51.90 -2.09 0.00	30.06 -0.71 0.00
DUNKIRK___2 23564	25.86 -1.40 0.00	23.84 -1.18 0.00	23.74 -1.74 0.00	25.31 -1.69 0.00	26.76 -1.56 0.00	29.20 -1.34 0.00	33.58 -1.40 0.00	42.83 -1.87 0.00	30.83 -0.95 0.00	27.43 -0.67 0.25	26.06 -0.57 0.00	29.67 -0.78 0.00	25.21 -0.66 0.49	24.44 -0.74 0.69	25.32 -0.81 0.43	26.14 -0.99 0.54	30.81 -1.05 0.74	32.41 -1.33 0.00	45.96 -1.86 0.00	61.93 -2.19 0.00	54.81 -2.21 0.00	54.84 -2.86 0.00	51.90 -2.09 0.00	30.06 -0.71 0.00
DUNKIRK___3 23565	25.83 -1.43 0.00	23.82 -1.20 0.00	23.77 -1.72 0.00	25.30 -1.69 0.00	26.74 -1.58 0.00	29.10 -1.44 0.00	33.42 -1.56 0.00	42.65 -2.05 0.00	30.69 -1.09 0.00	27.28 -0.80 0.27	25.97 -0.66 0.00	29.59 -0.87 0.00	25.05 -0.79 0.52	24.30 -0.84 0.73	25.17 -0.92 0.46	25.98 -1.10 0.58	30.62 -1.18 0.80	32.21 -1.52 0.00	45.63 -2.19 0.00	61.47 -2.65 0.00	54.42 -2.59 0.00	54.49 -3.21 0.00	51.64 -2.35 0.00	29.90 -0.87 0.00
DUNKIRK___4 23566	25.83 -1.43 0.00	23.82 -1.20 0.00	23.77 -1.72 0.00	25.30 -1.69 0.00	26.74 -1.58 0.00	29.10 -1.44 0.00	33.42 -1.56 0.00	42.65 -2.05 0.00	30.69 -1.09 0.00	27.28 -0.80 0.27	25.97 -0.66 0.00	29.59 -0.87 0.00	25.05 -0.79 0.52	24.30 -0.84 0.73	25.17 -0.92 0.46	25.98 -1.10 0.58	30.62 -1.18 0.80	32.21 -1.52 0.00	45.63 -2.19 0.00	61.47 -2.65 0.00	54.42 -2.59 0.00	54.49 -3.21 0.00	51.64 -2.35 0.00	29.90 -0.87 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.98 1.72 0.00	26.60 1.58 0.00	27.04 1.55 0.00	28.65 1.65 0.00	29.95 1.62 0.00	32.39 1.86 0.00	37.01 2.04 0.00	47.42 2.72 0.00	33.83 2.06 0.00	30.36 2.00 0.00	31.91 1.90 -3.37	33.04 2.26 -0.32	28.60 2.24 0.00	29.76 2.44 -1.44	29.10 2.54 0.00	30.43 2.76 0.00	35.73 3.13 0.00	36.98 3.25 0.00	52.17 4.35 0.00	69.57 5.45 0.00	61.78 4.77 0.00	62.30 4.60 0.00	57.98 3.99 0.00	32.97 2.20 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.72 1.46 0.00	26.36 1.34 0.00	26.81 1.32 0.00	28.40 1.41 0.00	29.73 1.40 0.00	32.14 1.60 0.00	36.72 1.74 0.00	47.00 2.30 0.00	33.48 1.70 0.00	29.99 1.64 0.00	26.50 1.52 1.65	32.10 1.80 0.16	28.16 1.80 0.00	27.16 2.00 0.71	28.64 2.09 0.00	29.98 2.30 0.00	35.25 2.65 0.00	36.51 2.78 0.00	51.62 3.80 0.00	68.90 4.77 0.00	61.28 4.27 0.00	61.81 4.11 0.00	57.50 3.51 0.00	32.66 1.89 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.04 1.78 0.00	26.64 1.62 0.00	27.07 1.58 0.00	28.66 1.66 0.00	29.94 1.62 0.00	32.41 1.87 0.00	37.09 2.12 0.00	47.57 2.87 0.00	33.95 2.17 0.00	30.46 2.10 -0.01	31.96 1.96 -3.37	33.17 2.39 -0.33	28.71 2.35 -0.01	29.83 2.52 -1.44	29.20 2.65 0.00	30.51 2.84 0.00	35.81 3.21 0.00	37.00 3.26 0.00	52.14 4.32 0.00	69.62 5.50 0.00	61.81 4.81 0.00	62.31 4.61 0.00	58.07 4.07 0.00	33.00 2.23 0.00

E179THST_13_KV_LOAD 356214	29.15 1.88 0.00	26.73 1.71 0.00	27.16 1.68 0.00	28.75 1.75 0.00	30.04 1.72 0.00	32.52 1.98 0.00	37.22 2.25 0.00	47.75 3.05 0.00	34.09 2.31 0.00	30.59 2.23 -0.01	32.09 2.09 -3.37	33.31 2.54 -0.33	28.85 2.48 -0.01	29.96 2.65 -1.44	29.34 2.79 0.00	30.66 2.99 0.00	35.99 3.39 0.00	37.17 3.44 0.00	52.38 4.56 0.00	69.95 5.82 0.00	62.10 5.10 0.00	62.60 4.90 0.00	58.33 4.33 0.00	33.15 2.37 0.00
EAST HAMPTON___GT 23717	30.07 2.79 -0.01	27.86 2.84 0.00	28.31 2.82 0.00	29.98 2.99 0.00	31.35 3.02 0.00	34.02 3.48 0.00	38.80 3.83 0.00	49.49 4.78 0.00	35.16 3.38 0.00	32.08 3.30 -0.43	35.94 3.01 -6.31	36.35 3.51 -2.39	32.15 3.20 -2.59	35.80 3.44 -6.49	35.24 3.53 -5.16	36.30 3.72 -4.91	40.91 4.21 -4.10	43.83 4.72 -5.38	60.84 6.61 -6.41	75.25 8.55 -2.58	73.40 7.85 -8.54	133.40 7.84 -67.87	60.72 6.73 0.00	34.63 3.86 0.00
EAST RIVER___6 23660	29.12 1.85 0.00	26.71 1.69 0.00	27.13 1.65 0.00	28.75 1.75 0.00	30.06 1.73 0.00	32.52 1.99 0.00	37.20 2.23 0.00	47.71 3.01 0.00	34.07 2.29 0.00	30.62 2.26 0.00	32.13 2.13 -3.37	33.35 2.57 -0.32	28.88 2.52 0.00	30.06 2.74 -1.44	29.41 2.86 0.00	30.75 3.08 0.00	36.12 3.52 0.00	37.33 3.60 0.00	52.57 4.76 0.00	70.11 5.99 0.00	62.20 5.19 0.00	62.68 4.98 0.00	58.35 4.36 0.00	33.17 2.40 0.00
EAST RIVER___7 23524	29.12 1.85 0.00	26.71 1.69 0.00	27.13 1.65 0.00	28.75 1.75 0.00	30.06 1.73 0.00	32.52 1.99 0.00	37.20 2.23 0.00	47.71 3.01 0.00	34.07 2.29 0.00	30.62 2.26 0.00	32.13 2.13 -3.37	33.35 2.57 -0.32	28.88 2.52 0.00	30.06 2.74 -1.44	29.41 2.86 0.00	30.75 3.08 0.00	36.12 3.52 0.00	37.33 3.60 0.00	52.57 4.76 0.00	70.11 5.99 0.00	62.20 5.19 0.00	62.68 4.98 0.00	58.35 4.36 0.00	33.17 2.40 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.89 1.62 0.00	26.51 1.49 0.00	26.95 1.47 0.00	28.56 1.56 0.00	29.86 1.54 0.00	32.30 1.77 0.00	36.90 1.92 0.00	47.26 2.55 0.00	33.71 1.93 0.00	30.24 1.89 0.00	31.92 1.77 -3.52	32.92 2.13 -0.34	28.47 2.11 0.00	29.68 2.30 -1.51	28.95 2.39 0.00	30.28 2.60 0.00	35.56 2.96 0.00	36.81 3.08 0.00	51.95 4.13 0.00	69.29 5.16 0.00	61.54 4.53 0.00	62.08 4.38 0.00	57.76 3.77 0.00	32.84 2.07 0.00
EAST_HAMPTON___DIESEL 23722	30.06 2.78 -0.01	27.86 2.85 0.00	28.31 2.83 0.00	30.00 3.00 0.00	31.35 3.02 0.00	34.02 3.49 0.00	38.81 3.84 0.00	49.50 4.80 0.00	35.16 3.39 0.00	32.08 3.30 -0.43	35.95 3.02 -6.31	36.36 3.52 -2.39	32.16 3.21 -2.59	35.80 3.44 -6.49	35.25 3.53 -5.16	36.31 3.73 -4.91	40.92 4.22 -4.10	43.84 4.73 -5.38	60.86 6.63 -6.41	75.28 8.58 -2.58	73.43 7.87 -8.54	133.41 7.85 -67.87	60.73 6.74 0.00	34.64 3.87 0.00
EAST_POINT___SOLAR 323840	28.86 1.59 0.00	26.45 1.44 0.00	26.92 1.44 0.00	28.54 1.55 0.00	29.98 1.66 0.00	32.40 1.86 0.00	37.33 2.35 0.00	47.67 2.97 0.00	33.05 1.27 0.00	28.99 0.64 0.00	27.21 0.58 0.00	31.34 0.89 0.00	27.07 0.71 0.00	26.51 0.63 0.00	27.23 0.67 0.00	28.47 0.80 0.00	34.03 1.43 0.00	34.88 1.15 0.00	50.27 2.45 0.00	68.53 4.41 0.00	61.16 4.15 0.00	61.88 4.18 0.00	57.89 3.89 0.00	32.92 2.15 0.00
EAST_PULASKI___ESR 323781	26.40 -0.86 0.00	24.16 -0.86 0.00	24.57 -0.92 0.00	25.26 -0.97 0.77	27.29 -1.04 0.00	29.49 -1.05 0.00	33.81 -1.17 0.00	43.21 -1.49 0.00	30.70 -1.08 0.00	27.33 -1.02 0.00	25.54 -1.09 0.00	29.30 -1.15 0.00	25.45 -0.91 0.00	24.92 -0.94 0.01	24.17 -1.09 1.29	22.94 -1.28 3.45	30.85 -1.54 0.22	32.22 -1.51 0.00	47.29 -1.82 -1.29	62.50 -1.63 0.00	55.71 -1.30 0.00	56.28 -1.42 0.00	52.71 -1.28 0.00	30.12 -0.66 0.00
EAST_RIVER___1 323558	29.08 1.81 0.00	26.67 1.66 0.00	27.10 1.62 0.00	28.71 1.72 0.00	30.01 1.69 0.00	32.47 1.93 0.00	37.13 2.16 0.00	47.60 2.90 0.00	33.99 2.21 0.00	30.53 2.18 0.00	32.06 2.05 -3.37	33.26 2.48 -0.32	28.79 2.43 0.00	29.98 2.66 -1.44	29.31 2.76 0.00	30.65 2.98 0.00	35.99 3.39 0.00	37.22 3.49 0.00	52.42 4.60 0.00	69.92 5.79 0.00	62.04 5.03 0.00	62.52 4.82 0.00	58.20 4.21 0.00	33.10 2.33 0.00
EAST_RIVER___2 323559	29.12 1.85 0.00	26.71 1.69 0.00	27.13 1.65 0.00	28.75 1.75 0.00	30.06 1.73 0.00	32.52 1.99 0.00	37.20 2.23 0.00	47.71 3.01 0.00	34.07 2.29 0.00	30.62 2.26 0.00	32.13 2.13 -3.37	33.35 2.57 -0.32	28.88 2.52 0.00	30.06 2.74 -1.44	29.41 2.86 0.00	30.75 3.08 0.00	36.12 3.52 0.00	37.33 3.60 0.00	52.57 4.76 0.00	70.11 5.99 0.00	62.20 5.19 0.00	62.68 4.98 0.00	58.35 4.36 0.00	33.17 2.40 0.00
EAST___DELAWARE_HYD 23607	28.93 1.66 0.00	26.50 1.48 0.00	26.97 1.49 0.00	28.59 1.59 0.00	29.94 1.62 0.00	32.39 1.85 0.00	37.03 2.05 0.00	47.37 2.66 0.00	33.84 2.07 0.00	30.28 1.92 0.00	26.98 1.87 1.51	32.54 2.23 0.14	28.48 2.11 0.00	27.50 2.28 0.65	28.78 2.23 0.00	30.07 2.40 0.00	35.43 2.83 0.00	36.70 2.97 0.00	52.08 4.26 0.00	69.58 5.46 0.00	61.92 4.91 0.00	62.46 4.76 0.00	58.07 4.08 0.00	32.97 2.20 0.00
EIGHT_POINT___WT_PWR 323820	26.07 -1.19 0.00	23.96 -1.06 0.00	24.12 -1.36 0.00	25.24 -1.76 0.00	26.45 -1.88 0.00	28.48 -2.05 0.00	32.70 -2.27 0.00	41.77 -2.93 0.00	29.62 -2.15 0.00	26.88 -2.31 -0.84	24.61 -2.02 -0.01	28.26 -2.19 0.00	26.26 -1.98 -1.87	26.65 -1.81 -2.59	26.28 -1.80 -1.52	27.51 -2.09 -1.93	33.51 -1.75 -2.65	32.44 -1.30 0.00	46.15 -1.85 -0.18	62.37 -1.76 0.00	55.15 -1.85 0.00	55.04 -2.66 0.00	51.90 -2.09 0.00	30.11 -0.66 0.00
ELBRIDGE_115KV_TB2 80188	26.74 -0.52 0.00	24.57 -0.45 0.00	25.00 -0.48 0.00	26.51 -0.49 0.00	27.79 -0.53 0.00	29.99 -0.55 0.00	34.32 -0.65 0.00	43.73 -0.97 0.00	31.02 -0.76 0.00	27.67 -0.69 0.00	26.01 -0.62 0.00	29.77 -0.68 0.00	25.84 -0.53 0.00	25.42 -0.45 0.00	26.09 -0.46 0.00	27.08 -0.60 0.00	31.98 -0.63 0.00	33.07 -0.67 0.00	47.82 -0.93 -0.93	62.92 -1.21 0.00	55.88 -1.13 0.00	56.35 -1.35 0.00	52.82 -1.17 0.00	30.28 -0.49 0.00
ELEC_TRO_TEK 24086	29.02 1.76 0.00	26.66 1.64 0.00	27.10 1.61 0.00	28.71 1.71 0.00	30.01 1.68 0.00	32.50 1.96 0.00	37.05 2.08 0.00	47.41 2.70 0.00	33.79 2.02 0.00	32.60 2.07 -2.17	47.12 2.07 -18.42	46.61 2.42 -13.74	42.38 2.33 -13.69	63.47 2.55 -35.05	83.89 2.61 -54.73	52.47 2.75 -22.04	67.18 3.00 -31.58	79.58 3.19 -42.66	104.35 4.28 -52.24	90.51 5.31 -21.07	117.06 4.87 -55.18	217.17 4.91 -154.57	58.04 4.04 0.00	33.14 2.36 -0.01
ELLENBURG_WT_PWR 323604	26.60 -0.66 0.00	20.15 -0.91 3.96	-21.02 -1.07 45.44	-21.02 -1.15 46.86	-21.02 -1.09 48.26	-0.03 -1.12 29.45	34.09 -0.88 0.00	44.13 -0.57 0.00	31.25 -0.52 0.00	27.91 -0.44 0.00	26.13 -0.50 0.00	29.57 -0.88 0.00	25.29 -1.07 0.00	24.44 -1.27 0.16	2.31 -1.39 22.86	-14.28 -1.44 40.51	17.80 -1.59 13.21	32.14 -1.60 0.00	45.76 -2.06 0.00	61.81 -2.31 0.00	55.41 -1.60 0.00	56.62 -1.09 0.00	52.91 -1.08 0.00	30.18 -0.59 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.57 -1.69 0.00	23.59 -1.43 0.00	23.62 -1.86 0.00	25.02 -1.97 0.00	26.47 -1.86 0.00	28.58 -1.96 0.00	32.74 -2.24 0.00	41.83 -2.88 0.00	30.21 -1.57 0.00	26.80 -1.24 0.31	25.63 -1.00 0.00	29.16 -1.29 0.00	24.41 -1.35 0.61	23.77 -1.26 0.84	24.76 -1.30 0.49	25.54 -1.50 0.62	30.04 -1.71 0.86	31.53 -2.20 0.00	44.54 -3.28 0.00	60.06 -4.07 0.00	53.28 -3.73 0.00	53.43 -4.27 0.00	50.95 -3.04 0.00	29.48 -1.29 0.00
EMPIRE_CC_1 323656	28.16 0.90 0.00	25.87 0.85 0.00	26.44 0.95 0.00	27.98 0.99 0.00	29.31 0.98 0.00	31.61 1.07 0.00	36.05 1.08 0.00	45.99 1.29 0.00	32.76 0.98 0.00	29.24 0.88 0.00	27.95 0.79 -0.53	31.42 0.92 -0.05	27.20 0.84 0.00	27.05 0.95 -0.23	27.53 0.98 0.00	28.76 1.09 0.00	33.85 1.25 0.00	35.05 1.32 0.00	49.72 1.90 0.00	66.39 2.26 0.00	58.88 1.87 0.00	59.70 2.00 0.00	55.65 1.65 0.00	31.67 0.90 0.00
EMPIRE_CC_2 323658	28.16 0.90 0.00	25.87 0.85 0.00	26.44 0.95 0.00	27.98 0.99 0.00	29.31 0.98 0.00	31.61 1.07 0.00	36.05 1.08 0.00	45.99 1.29 0.00	32.76 0.98 0.00	29.24 0.88 0.00	27.95 0.79 -0.53	31.42 0.92 -0.05	27.20 0.84 0.00	27.05 0.95 -0.23	27.53 0.98 0.00	28.76 1.09 0.00	33.85 1.25 0.00	35.05 1.32 0.00	49.72 1.90 0.00	66.39 2.26 0.00	58.88 1.87 0.00	59.70 2.00 0.00	55.65 1.65 0.00	31.67 0.90 0.00
ENORWICH_115KV_TB1 80156	26.74 -0.53 0.00	24.45 -0.57 0.00	25.04 -0.45 0.00	26.91 -0.09 0.00	28.38 0.05 0.00	30.78 0.24 0.00	35.97 0.99 0.00	46.51 1.81 0.00	33.23 1.46 0.00	29.50 1.14 0.00	27.61 0.98 0.00	31.46 1.01 0.00	27.25 0.89 0.00	26.44 0.57 0.00	27.27 0.72 0.00	28.57 0.90 0.00	34.05 1.45 0.00	35.00 1.27 0.00	50.97 2.80 -0.35	68.52 4.39 0.00	61.04 4.03 0.00	61.07 3.37 0.00	57.04 3.04 0.00	32.44 1.67 0.00
ERIE_ST__34_KV_TB1-2 80199	25.79 -1.47 0.00	23.79 -1.23 0.00	23.83 -1.65 0.00	25.26 -1.74 0.00	26.71 -1.62 0.00	28.85 -1.69 0.00	33.07 -1.90 0.00	42.32 -2.39 0.00	30.54 -1.24 0.00	27.15 -0.94 0.27	25.90 -0.73 0.00	29.52 -0.94 0.00	24.80 -1.05 0.51	24.16 -0.99 0.71	25.11 -1.02 0.42	25.92 -1.22 0.53	30.58 -1.30 0.73	31.93 -1.80 0.00	45.09 -2.73 0.00	60.80 -3.33 0.00	53.89 -3.12 0.00	54.01 -3.69 0.00	51.40 -2.59 0.00	29.72 -1.05 0.00
ERIE_WT_PWR 323693	25.65 -1.61 0.00	23.66 -1.36 0.00	23.69 -1.80 0.00	25.09 -1.91 0.00	26.53 -1.80 0.00	28.66 -1.87 0.00	32.84 -2.13 0.00	41.95 -2.75 0.00	30.30 -1.48 0.00	26.82 -1.23 0.30	25.69 -0.93 0.00	29.21 -1.24 0.00	24.53 -1.25 0.58	23.85 -1.22 0.80	24.90 -1.19 0.47	25.64 -1.43 0.60	30.21 -1.58 0.82	31.67 -2.07 0.00	44.76 -3.06 0.00	60.37 -3.75 0.00	53.56 -3.44 0.00	53.73 -3.97 0.00	51.21 -2.78 0.00	29.62 -1.16 0.00
ESPRGFLD_115KV_TB1 80157	28.08 0.82 0.00	25.76 0.74 0.00	26.21 0.73 0.00	27.84 0.84 0.00	29.25 0.92 0.00	31.53 1.00 0.00	36.33 1.35 0.00	46.56 1.86 0.00	32.99 1.21 0.00	29.26 0.91 0.00	27.50 0.87 0.00	31.57 1.12 0.00	27.28 0.92 0.00	26.75 0.88 0.00	27.38 0.83 0.00	28.37 0.69 0.00	33.66 1.06 0.00	34.96 1.23 0.00	49.63 1.81 0.00	66.94 2.81 0.00	59.59 2.58 0.00	60.22 2.52 0.00	56.49 2.50 0.00	32.22 1.45 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.24 -0.02 0.00	25.01 -0.01 0.00	25.41 -0.07 0.00	26.96 -0.04 0.00	28.27 -0.05 0.00	30.52 -0.02 0.00	34.97 0.00 0.00	44.61 -0.09 0.00	31.53 -0.25 0.00	28.10 -0.33 -0.08	26.37 -0.26 0.00	30.24 -0.22 0.00	26.43 -0.11 -0.18	25.95 -0.17 -0.25	26.74 0.04 -0.14	27.68 -0.17 -0.18	32.83 -0.03 -0.25	33.88 0.15 0.00	48.70 0.41 -0.48	64.90 0.78 0.00	57.60 0.59 0.00	57.98 0.28 0.00	54.27 0.27 0.00	31.04 0.27 0.00
ETNA____115KV_TB2 80207	27.24 -0.02 0.00	25.01 -0.01 0.00	25.41 -0.07 0.00	26.96 -0.04 0.00	28.27 -0.05 0.00	30.52 -0.02 0.00	34.97 0.00 0.00	44.61 -0.09 0.00	31.53 -0.25 0.00	28.10 -0.33 -0.08	26.37 -0.26 0.00	30.24 -0.22 0.00	26.43 -0.11 -0.18	25.95 -0.17 -0.25	26.74 0.04 -0.14	27.68 -0.17 -0.18	32.83 -0.03 -0.25	33.88 0.15 0.00	48.70 0.41 -0.48	64.90 0.78 0.00	57.60 0.59 0.00	57.98 0.28 0.00	54.27 0.27 0.00	31.04 0.27 0.00
EUCLID____115KV_TB2 356179	26.73 -0.54 0.00	24.52 -0.50 0.00	24.96 -0.52 0.00	26.46 -0.53 0.00	27.73 -0.59 0.00	29.92 -0.62 0.00	34.24 -0.73 0.00	43.68 -1.02 0.00	31.01 -0.77 0.00	27.65 -0.70 0.00	25.99 -0.64 0.00	29.74 -0.71 0.00	25.84 -0.52 0.00	25.44 -0.43 0.00	26.10 -0.45 0.00	26.89 -0.59 0.19	31.97 -0.64 0.00	33.01 -0.72 0.00	47.41 -1.00 -0.59	62.83 -1.30 0.00	55.82 -1.19 0.00	56.33 -1.37 0.00	52.83 -1.17 0.00	30.27 -0.50 0.00
E_CANADA_CAP_HY 24051	28.61 1.34 0.00	26.25 1.23 0.00	26.71 1.23 0.00	28.32 1.32 0.00	29.76 1.43 0.00	32.12 1.59 0.00	36.99 2.02 0.00	47.34 2.63 0.00	33.35 1.57 0.00	29.40 1.04 0.00	27.59 0.96 0.00	31.75 1.29 0.00	27.39 1.03 0.00	26.85 0.98 0.00	27.42 0.87 0.00	28.35 0.68 0.00	33.82 1.21 0.00	35.17 1.44 0.00	50.03 2.21 0.00	67.78 3.65 0.00	60.41 3.41 0.00	61.20 3.50 0.00	57.44 3.45 0.00	32.73 1.95 0.00
E_CANADA_MHWK_HY 24050	26.77 -0.50 0.00	24.58 -0.44 0.00	25.12 -0.36 0.00	27.38 -0.24 -0.62	27.95 -0.37 0.00	30.16 -0.38 0.00	34.62 -0.35 0.00	44.31 -0.39 0.00	31.16 -0.62 0.00	27.41 -0.94 0.00	25.54 -1.09 0.00	29.46 -1.00 0.00	25.53 -0.83 0.00	25.14 -0.74 -0.01	26.92 -0.75 -1.12	29.42 -0.66 -2.41	31.95 -0.69 -0.04	33.25 -0.49 0.00	47.53 -0.29 0.00	64.27 0.15 0.00	57.11 0.10 0.00	57.57 -0.12 0.00	53.69 -0.30 0.00	30.50 -0.27 0.00
E_FISHKILL___LBMP 23776	28.64 1.37 0.00	26.29 1.27 0.00	26.76 1.27 0.00	28.35 1.35 0.00	29.65 1.33 0.00	32.04 1.50 0.00	36.59 1.62 0.00	46.83 2.13 0.00	33.38 1.60 0.00	29.91 1.55 0.00	28.67 1.46 -0.58	32.26 1.75 -0.06	28.09 1.73 0.00	28.02 1.90 -0.25	28.52 1.97 0.00	29.81 2.14 0.00	35.04 2.44 0.00	36.28 2.55 0.00	51.28 3.46 0.00	68.44 4.31 0.00	60.79 3.78 0.00	61.38 3.68 0.00	57.12 3.13 0.00	32.47 1.70 0.00
FALCON___SEABRD_CC1 323796	26.89 -0.37 0.00	20.38 -0.64 4.00	-21.27 -0.89 45.87	-21.13 -0.97 47.16	-21.28 -0.89 48.72	-0.10 -0.90 29.73	34.38 -0.59 0.00	44.52 -0.18 0.00	31.66 -0.12 0.00	28.51 0.15 0.00	26.63 0.00 0.00	29.92 -0.53 0.00	25.55 -0.81 0.00	24.67 -1.04 0.16	2.61 -1.15 22.80	-13.95 -1.19 40.43	18.20 -1.32 13.09	32.47 -1.26 0.00	46.22 -1.60 0.00	62.48 -1.65 0.00	56.00 -1.01 0.00	57.24 -0.46 0.00	53.44 -0.56 0.00	30.45 -0.32 0.00
FALCON___SEABRD_CC2 323797	26.89 -0.37 0.00	20.38 -0.64 4.00	-21.27 -0.89 45.87	-21.13 -0.97 47.16	-21.28 -0.89 48.72	-0.10 -0.90 29.73	34.38 -0.59 0.00	44.52 -0.18 0.00	31.66 -0.12 0.00	28.51 0.15 0.00	26.63 0.00 0.00	29.92 -0.53 0.00	25.55 -0.81 0.00	24.67 -1.04 0.16	2.61 -1.15 22.80	-13.95 -1.19 40.43	18.20 -1.32 13.09	32.47 -1.26 0.00	46.22 -1.60 0.00	62.48 -1.65 0.00	56.00 -1.01 0.00	57.24 -0.46 0.00	53.44 -0.56 0.00	30.45 -0.32 0.00

FAR ROCKAWAY___4 23548	29.41 2.15 0.00	27.01 1.99 0.00	27.45 1.97 0.00	29.07 2.07 0.00	30.40 2.07 0.00	32.92 2.39 0.00	37.57 2.60 0.00	48.06 3.35 0.00	34.26 2.48 0.00	42.01 2.45 -11.20	110.07 2.43 -81.00	108.98 2.76 -75.77	100.68 2.58 -71.74	213.19 2.80 -184.53	332.10 2.85 -302.70	137.18 3.01 -106.49	126.24 3.38 -90.26	129.88 3.62 -92.53	157.86 4.96 -105.08	112.72 6.20 -42.39	169.28 5.65 -106.62	253.87 5.71 -190.46	58.76 4.76 0.00	33.55 2.74 -0.04
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.06 1.79 0.00	26.66 1.64 0.00	27.09 1.60 0.00	28.69 1.69 0.00	29.99 1.66 0.00	32.45 1.92 0.00	37.10 2.13 0.00	47.58 2.88 0.00	33.96 2.18 0.00	30.50 2.14 0.00	32.04 2.04 -3.37	33.21 2.44 -0.32	28.77 2.41 0.00	29.93 2.62 -1.44	29.28 2.72 0.00	30.61 2.94 0.00	35.95 3.35 0.00	37.17 3.44 0.00	52.36 4.55 0.00	69.84 5.71 0.00	61.98 4.97 0.00	62.46 4.76 0.00	58.16 4.16 0.00	33.08 2.31 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.06 1.80 0.00	26.66 1.64 0.00	27.10 1.61 0.00	28.70 1.70 0.00	30.00 1.67 0.00	32.46 1.92 0.00	37.11 2.14 0.00	47.58 2.88 0.00	33.96 2.18 0.00	30.50 2.14 0.00	32.04 2.04 -3.37	33.21 2.44 -0.32	28.77 2.41 0.00	29.93 2.62 -1.44	29.28 2.73 0.00	30.62 2.95 0.00	35.95 3.35 0.00	37.17 3.44 0.00	52.38 4.56 0.00	69.86 5.73 0.00	61.99 4.98 0.00	62.48 4.78 0.00	58.19 4.20 0.00	33.09 2.32 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.05 1.78 0.00	26.65 1.63 0.00	27.07 1.59 0.00	28.68 1.69 0.00	29.98 1.66 0.00	32.44 1.90 0.00	37.09 2.11 0.00	47.55 2.85 0.00	33.94 2.17 0.00	30.49 2.13 0.00	32.02 2.02 -3.37	33.20 2.42 -0.32	28.76 2.40 0.00	29.92 2.60 -1.44	29.26 2.71 0.00	30.60 2.92 0.00	35.94 3.33 0.00	37.15 3.42 0.00	52.34 4.52 0.00	69.79 5.67 0.00	61.95 4.94 0.00	62.42 4.72 0.00	58.14 4.14 0.00	33.07 2.29 0.00
FARRAGUT___LBMP 323566	29.03 1.77 0.00	26.63 1.61 0.00	27.06 1.58 0.00	28.66 1.67 0.00	29.96 1.64 0.00	32.42 1.89 0.00	37.07 2.09 0.00	47.51 2.81 0.00	33.91 2.13 0.00	30.46 2.10 0.00	31.98 1.98 -3.37	33.17 2.39 -0.32	28.73 2.37 0.00	29.89 2.57 -1.44	29.23 2.68 0.00	30.57 2.89 0.00	35.89 3.29 0.00	37.11 3.38 0.00	52.29 4.47 0.00	69.74 5.62 0.00	61.90 4.89 0.00	62.38 4.68 0.00	58.09 4.10 0.00	33.04 2.27 0.00
FENNER___WINDPWR 24204	27.29 0.03 0.00	25.00 -0.02 0.00	25.43 -0.06 0.00	26.97 -0.03 0.00	28.30 -0.03 0.00	30.53 0.00 0.00	35.05 0.08 0.00	44.82 0.11 0.00	31.76 -0.01 0.00	28.32 -0.03 0.00	26.57 -0.06 0.00	30.39 -0.06 0.00	26.37 0.01 0.00	25.86 -0.02 0.00	26.57 0.02 0.00	28.13 -0.04 -0.50	32.55 -0.05 0.00	33.81 0.08 0.00	48.69 0.46 -0.41	64.99 0.86 0.00	57.79 0.78 0.00	58.26 0.56 0.00	54.44 0.44 0.00	31.07 0.30 0.00
FIBERTEK___ENERGY 23856	26.89 -0.37 0.00	24.68 -0.34 0.00	25.12 -0.37 0.00	26.63 -0.37 0.00	27.92 -0.40 0.00	30.13 -0.41 0.00	34.50 -0.48 0.00	43.98 -0.72 0.00	31.20 -0.58 0.00	27.81 -0.54 0.00	26.15 -0.48 0.00	29.94 -0.51 0.00	25.99 -0.37 0.00	25.59 -0.28 0.00	26.25 -0.30 0.00	27.23 -0.44 0.00	32.18 -0.42 0.00	33.26 -0.47 0.00	48.09 -0.63 -0.91	63.32 -0.80 0.00	56.24 -0.77 0.00	56.75 -0.95 0.00	53.17 -0.82 0.00	30.46 -0.31 0.00
FITZPATRICK___ 23598	26.35 -0.91 0.00	24.20 -0.82 0.00	24.64 -0.85 0.00	26.12 -0.88 0.00	27.37 -0.96 0.00	29.52 -1.02 0.00	33.76 -1.21 0.00	43.06 -1.65 0.00	30.59 -1.19 0.00	27.28 -1.08 0.00	25.63 -1.00 0.00	29.32 -1.13 0.00	25.42 -0.94 0.00	24.98 -0.89 0.00	25.60 -0.96 0.00	26.60 -1.07 0.00	31.37 -1.24 0.00	32.43 -1.31 0.00	41.77 -1.86 4.19	61.62 -2.51 0.00	54.77 -2.24 0.00	55.33 -2.37 0.00	51.87 -2.13 0.00	29.75 -1.02 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.93 1.66 0.00	26.53 1.52 0.00	27.00 1.51 0.00	28.61 1.61 0.00	29.94 1.61 0.00	32.37 1.83 0.00	36.99 2.01 0.00	47.36 2.65 0.00	33.77 1.99 0.00	30.24 1.88 0.00	28.38 1.75 0.00	32.53 2.08 0.00	28.36 2.00 0.00	28.08 2.21 0.00	28.87 2.31 0.00	30.20 2.52 0.00	35.54 2.94 0.00	36.80 3.07 0.00	52.05 4.23 0.00	69.46 5.33 0.00	61.69 4.69 0.00	62.25 4.55 0.00	57.90 3.90 0.00	32.88 2.11 0.00
FORT ORANGE___ 23900	27.92 0.65 0.00	25.64 0.62 0.00	26.17 0.69 0.00	27.71 0.71 0.00	29.03 0.70 0.00	31.30 0.77 0.00	35.76 0.78 0.00	45.63 0.93 0.00	32.51 0.73 0.00	28.97 0.62 0.00	27.09 0.46 0.00	31.00 0.55 0.00	26.90 0.54 0.00	26.55 0.68 0.00	27.31 0.75 0.00	28.54 0.87 0.00	33.56 0.96 0.00	34.74 1.00 0.00	49.32 1.50 0.00	65.99 1.87 0.00	58.61 1.60 0.00	59.31 1.61 0.00	55.29 1.29 0.00	31.51 0.74 0.00
FORT_DRUM_COGEN 23780	26.13 -1.13 0.00	23.90 -1.29 -0.17	26.02 -1.46 -1.99	24.40 -1.50 1.10	28.90 -1.55 -2.12	30.39 -1.44 -1.29	33.54 -1.44 0.00	42.85 -1.85 0.00	30.41 -1.37 0.00	27.05 -1.30 0.00	24.88 -1.75 0.00	28.66 -1.79 0.00	24.89 -1.47 0.00	24.07 -1.77 0.03	20.05 -2.06 4.44	13.16 -2.38 12.13	29.05 -2.86 0.69	30.87 -2.87 0.00	45.75 -2.74 -0.67	63.33 -0.79 0.00	56.83 -0.18 0.00	57.33 -0.37 0.00	53.51 -0.49 0.00	30.29 -0.49 0.00
FOX_HILLS___ESR 323835	29.23 1.96 0.00	26.81 1.78 0.00	27.23 1.74 0.00	28.85 1.85 0.00	30.17 1.84 0.00	32.63 2.10 0.00	37.32 2.35 0.00	47.80 3.10 0.00	34.13 2.35 0.00	30.64 2.28 -0.01	32.11 2.11 -3.37	33.35 2.57 -0.33	28.86 2.49 -0.01	30.45 2.62 -1.96	45.32 2.68 -16.08	45.28 2.88 -14.73	59.22 3.26 -23.35	52.82 3.35 -15.74	61.44 4.40 -9.21	69.66 5.54 0.00	61.83 4.83 0.00	62.35 4.65 0.00	58.21 4.21 0.00	33.19 2.41 0.00
FPL_FAR_ROCK_GT1 24212	29.41 2.15 0.00	27.01 1.99 0.00	27.45 1.97 0.00	29.07 2.08 0.00	30.40 2.07 0.00	32.92 2.39 0.00	37.57 2.60 0.00	48.05 3.35 0.00	34.26 2.48 0.00	42.02 2.46 -11.20	110.05 2.42 -81.00	108.98 2.76 -75.77	100.68 2.58 -71.74	213.18 2.78 -184.53	332.08 2.83 -302.70	137.17 3.01 -106.49	126.24 3.38 -90.26	129.89 3.63 -92.53	157.86 4.96 -105.08	112.72 6.20 -42.39	169.27 5.64 -106.62	253.87 5.71 -190.46	58.76 4.76 0.00	33.55 2.73 -0.04
FPL_FAR_ROCK_GT2 23815	29.41 2.15 0.00	27.01 1.99 0.00	27.45 1.97 0.00	29.07 2.08 0.00	30.40 2.07 0.00	32.92 2.39 0.00	37.57 2.60 0.00	48.05 3.35 0.00	34.26 2.48 0.00	42.02 2.46 -11.20	110.05 2.42 -81.00	108.98 2.76 -75.77	100.68 2.58 -71.74	213.18 2.78 -184.53	332.08 2.83 -302.70	137.17 3.01 -106.49	126.24 3.38 -90.26	129.89 3.63 -92.53	157.86 4.96 -105.08	112.72 6.20 -42.39	169.27 5.64 -106.62	253.87 5.71 -190.46	58.76 4.76 0.00	33.55 2.73 -0.04
FRANKLIN_FALL_HYD 24054	26.65 -0.61 0.00	26.99 -0.82 -2.79	56.59 -0.95 -32.05	37.59 -1.03 -11.61	61.43 -0.94 -34.04	50.37 -0.94 -20.77	34.33 -0.64 0.00	44.47 -0.24 0.00	31.46 -0.31 0.00	28.05 -0.31 0.00	26.13 -0.50 0.00	29.58 -0.88 0.00	25.30 -1.06 0.00	24.46 -1.26 0.15	3.82 -1.41 21.32	-12.14 -1.46 38.35	21.23 -1.60 9.77	32.13 -1.60 0.00	45.72 -2.10 0.00	62.03 -2.09 0.00	55.65 -1.35 0.00	56.90 -0.80 0.00	53.16 -0.83 0.00	30.21 -0.56 0.00

FREEPORT_EQUS_GT1 23764	29.16 1.90 0.00	26.79 1.77 0.00	27.22 1.74 0.00	28.83 1.83 0.00	30.14 1.81 0.00	32.65 2.12 0.00	37.22 2.25 0.00	47.61 2.91 0.00	33.94 2.16 0.00	33.37 2.19 -2.83	51.72 2.14 -22.95	51.55 2.52 -18.58	46.69 2.37 -17.95	74.78 2.57 -46.34	102.44 2.61 -73.28	58.13 2.78 -27.68	64.10 3.01 -28.49	70.62 3.15 -33.74	92.04 4.29 -39.94	85.56 5.33 -16.11	104.02 4.89 -42.12	179.34 5.00 -116.64	58.32 4.33 0.00	33.29 2.51 -0.01
FREEPORT___CT2 23818	29.16 1.90 0.00	26.79 1.77 0.00	27.22 1.74 0.00	28.83 1.83 0.00	30.14 1.81 0.00	32.65 2.12 0.00	37.22 2.25 0.00	47.61 2.91 0.00	33.94 2.16 0.00	33.37 2.19 -2.83	51.72 2.14 -22.95	51.55 2.52 -18.58	46.69 2.37 -17.95	74.78 2.57 -46.34	102.44 2.61 -73.28	58.13 2.78 -27.68	64.10 3.01 -28.49	70.62 3.15 -33.74	92.04 4.29 -39.94	85.56 5.33 -16.11	104.02 4.89 -42.12	179.34 5.00 -116.64	58.32 4.33 0.00	33.29 2.51 -0.01
FRESHKLS_33_KV_LOAD 356253	29.24 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.87 1.87 0.00	30.20 1.87 0.00	32.66 2.12 0.00	37.35 2.37 0.00	47.79 3.09 0.00	34.12 2.34 0.00	30.61 2.25 -0.01	32.05 2.05 -3.37	33.32 2.54 -0.33	28.80 2.44 -0.01	30.37 2.54 -1.96	45.20 2.57 -16.08	45.17 2.77 -14.73	50.47 3.13 -14.74	46.64 3.22 -9.69	57.72 4.23 -5.67	69.44 5.33 0.01	61.66 4.65 0.00	62.19 4.49 0.00	58.11 4.11 0.00	33.18 2.40 0.00
FULTON COGEN____ 23766	26.56 -0.70 0.00	24.37 -0.65 0.00	24.81 -0.68 0.00	26.28 -0.72 0.00	27.54 -0.79 0.00	29.73 -0.81 0.00	34.01 -0.96 0.00	43.41 -1.29 0.00	30.82 -0.96 0.00	27.42 -0.93 0.00	25.75 -0.88 0.00	29.55 -0.91 0.00	25.63 -0.72 0.00	25.25 -0.63 0.00	25.87 -0.68 0.00	26.50 -0.83 0.34	31.63 -0.97 0.00	32.72 -1.01 0.00	47.88 -1.45 -1.51	62.31 -1.82 0.00	55.39 -1.61 0.00	55.90 -1.81 0.00	52.38 -1.62 0.00	30.02 -0.75 0.00
FULTON___LFGE 323630	28.70 1.44 0.00	26.34 1.32 0.00	26.82 1.34 0.00	28.42 1.42 0.00	29.84 1.52 0.00	32.23 1.69 0.00	37.06 2.09 0.00	47.41 2.71 0.00	33.25 1.47 0.00	29.06 0.71 0.00	27.22 0.60 0.00	31.34 0.89 0.00	27.11 0.75 0.00	26.60 0.72 0.00	27.24 0.68 0.00	28.34 0.67 0.00	33.80 1.20 0.00	35.12 1.39 0.00	50.11 2.29 0.00	68.12 4.00 0.00	60.74 3.73 0.00	61.48 3.78 0.00	57.48 3.49 0.00	32.70 1.93 0.00
G.F.CEMENT___DRP 24184	28.77 1.51 0.00	26.40 1.38 0.00	27.01 1.52 0.00	28.61 1.62 0.00	29.99 1.67 0.00	32.34 1.80 0.00	37.01 2.04 0.00	47.23 2.53 0.00	33.63 1.85 0.00	29.81 1.45 0.00	27.84 1.21 0.00	31.79 1.34 0.00	27.49 1.13 0.00	27.14 1.27 0.00	27.98 1.42 0.00	29.38 1.70 0.00	34.65 2.05 0.00	36.01 2.28 0.00	51.32 3.50 0.00	68.69 4.57 0.00	60.90 3.89 0.00	61.79 4.09 0.00	57.41 3.42 0.00	32.48 1.71 0.00
GARDENVILLE___LBMP 24039	25.62 -1.64 0.00	23.63 -1.39 0.00	23.66 -1.82 0.00	25.07 -1.92 0.00	26.51 -1.82 0.00	28.64 -1.90 0.00	32.81 -2.17 0.00	41.92 -2.78 0.00	30.26 -1.52 0.00	26.79 -1.22 0.34	25.64 -0.99 0.00	29.19 -1.26 0.00	24.39 -1.30 0.67	23.73 -1.21 0.93	24.76 -1.25 0.54	25.52 -1.46 0.69	30.03 -1.63 0.94	31.65 -2.08 0.00	44.72 -3.10 0.00	60.32 -3.80 0.00	53.50 -3.51 0.00	53.65 -4.05 0.00	51.11 -2.89 0.00	29.58 -1.20 0.00
GARDNVLA_35_KV_LD 355827	25.69 -1.57 0.00	23.69 -1.33 0.00	23.72 -1.76 0.00	25.13 -1.87 0.00	26.58 -1.75 0.00	28.70 -1.83 0.00	32.88 -2.09 0.00	42.04 -2.66 0.00	30.35 -1.43 0.00	26.93 -1.14 0.29	25.73 -0.90 0.00	29.28 -1.17 0.00	24.59 -1.23 0.55	23.98 -1.14 0.75	24.95 -1.16 0.44	25.74 -1.37 0.56	30.32 -1.52 0.77	31.76 -1.98 0.00	44.85 -2.97 0.00	60.51 -3.62 0.00	53.66 -3.34 0.00	53.82 -3.88 0.00	51.27 -2.73 0.00	29.66 -1.11 0.00
GELCKHM___115KV_LOAD 80723	26.79 -0.47 0.00	24.59 -0.43 0.00	25.03 -0.46 0.00	26.53 -0.47 0.00	27.81 -0.52 0.00	30.00 -0.53 0.00	34.34 -0.63 0.00	43.80 -0.90 0.00	31.08 -0.69 0.00	27.72 -0.64 0.00	26.05 -0.57 0.00	29.82 -0.63 0.00	25.91 -0.45 0.00	25.50 -0.38 0.00	26.15 -0.40 0.00	26.94 -0.54 0.20	32.05 -0.56 0.00	33.11 -0.62 0.00	47.67 -0.86 -0.71	63.03 -1.10 0.00	55.99 -1.02 0.00	56.50 -1.20 0.00	52.96 -1.04 0.00	30.34 -0.43 0.00
GENERAL___MILLS 23808	25.66 -1.61 0.00	23.67 -1.35 0.00	23.70 -1.79 0.00	25.11 -1.89 0.00	26.55 -1.78 0.00	28.67 -1.86 0.00	32.84 -2.13 0.00	41.98 -2.72 0.00	30.30 -1.48 0.00	26.87 -1.18 0.30	25.69 -0.94 0.00	29.24 -1.21 0.00	24.52 -1.27 0.58	23.89 -1.18 0.80	24.88 -1.20 0.47	25.66 -1.42 0.60	30.21 -1.57 0.82	31.70 -2.04 0.00	44.78 -3.04 0.00	60.40 -3.72 0.00	53.58 -3.43 0.00	53.71 -3.99 0.00	51.18 -2.81 0.00	29.61 -1.16 0.00
GE_PLASTICS___DRP 24183	27.85 0.59 0.00	25.58 0.56 0.00	26.11 0.63 0.00	27.65 0.65 0.00	28.96 0.64 0.00	31.22 0.69 0.00	35.64 0.67 0.00	45.51 0.81 0.00	32.42 0.64 0.00	28.92 0.56 0.00	27.11 0.48 0.00	31.03 0.57 0.00	26.93 0.57 0.00	26.57 0.69 0.00	27.32 0.77 0.00	28.52 0.85 0.00	33.54 0.94 0.00	34.71 0.97 0.00	49.20 1.38 0.00	65.79 1.66 0.00	58.40 1.39 0.00	59.13 1.43 0.00	55.15 1.16 0.00	31.44 0.67 0.00
GILBOA___1 23756	27.84 0.58 0.00	25.57 0.55 0.00	26.15 0.66 0.00	27.70 0.71 0.00	29.01 0.68 0.00	31.19 0.65 0.00	35.64 0.66 0.00	45.54 0.84 0.00	32.42 0.64 0.00	28.97 0.61 0.00	27.19 0.56 0.00	31.13 0.68 0.00	27.04 0.68 0.00	26.76 0.89 0.00	27.46 0.91 0.00	28.62 0.95 0.00	33.59 0.99 0.00	34.71 0.97 0.00	49.06 1.24 0.00	65.60 1.48 0.00	58.26 1.25 0.00	58.99 1.29 0.00	55.17 1.18 0.00	31.47 0.69 0.00
GILBOA___2 23757	27.84 0.58 0.00	25.57 0.55 0.00	26.15 0.66 0.00	27.70 0.71 0.00	29.01 0.68 0.00	31.19 0.65 0.00	35.64 0.66 0.00	45.54 0.84 0.00	32.42 0.64 0.00	28.97 0.61 0.00	27.19 0.56 0.00	31.13 0.68 0.00	27.04 0.68 0.00	26.76 0.89 0.00	27.46 0.91 0.00	28.62 0.95 0.00	33.59 0.99 0.00	34.71 0.97 0.00	49.06 1.24 0.00	65.60 1.48 0.00	58.26 1.25 0.00	58.99 1.29 0.00	55.17 1.18 0.00	31.47 0.69 0.00
GILBOA___3 23758	27.84 0.58 0.00	25.57 0.55 0.00	26.15 0.66 0.00	27.70 0.71 0.00	29.01 0.68 0.00	31.19 0.65 0.00	35.64 0.66 0.00	45.54 0.84 0.00	32.42 0.64 0.00	28.97 0.61 0.00	27.19 0.56 0.00	31.13 0.68 0.00	27.04 0.68 0.00	26.76 0.89 0.00	27.46 0.91 0.00	28.62 0.95 0.00	33.59 0.99 0.00	34.71 0.97 0.00	49.06 1.24 0.00	65.60 1.48 0.00	58.26 1.25 0.00	58.99 1.29 0.00	55.17 1.18 0.00	31.47 0.69 0.00
GILBOA___4 23759	27.84 0.58 0.00	25.57 0.55 0.00	26.15 0.66 0.00	27.70 0.71 0.00	29.01 0.68 0.00	31.19 0.65 0.00	35.64 0.66 0.00	45.54 0.84 0.00	32.42 0.64 0.00	28.97 0.61 0.00	27.19 0.56 0.00	31.13 0.68 0.00	27.04 0.68 0.00	26.76 0.89 0.00	27.46 0.91 0.00	28.62 0.95 0.00	33.59 0.99 0.00	34.71 0.97 0.00	49.06 1.24 0.00	65.60 1.48 0.00	58.26 1.25 0.00	58.99 1.29 0.00	55.17 1.18 0.00	31.47 0.69 0.00

GILBOA____ 23599	27.84 0.58 0.00	25.57 0.55 0.00	26.15 0.66 0.00	27.70 0.71 0.00	29.01 0.68 0.00	31.19 0.65 0.00	35.64 0.67 0.00	45.55 0.85 0.00	32.42 0.64 0.00	28.96 0.61 0.00	27.19 0.56 0.00	31.13 0.68 0.00	27.04 0.68 0.00	26.76 0.88 0.00	27.46 0.91 0.00	28.62 0.95 0.00	33.59 0.99 0.00	34.71 0.97 0.00	49.06 1.24 0.00	65.61 1.48 0.00	58.26 1.25 0.00	58.99 1.29 0.00	55.17 1.18 0.00	31.47 0.69 0.00
GINNA____ 23603	25.16 -2.10 0.00	23.18 -1.84 0.00	23.33 -2.16 0.00	24.70 -2.30 0.00	26.10 -2.22 0.00	28.21 -2.33 0.00	32.41 -2.57 0.00	41.42 -3.29 0.00	29.82 -1.96 0.00	26.70 -1.60 0.06	25.26 -1.36 0.00	28.73 -1.72 0.00	24.62 -1.75 0.00	24.11 -1.77 0.00	24.71 -1.84 0.00	25.67 -2.00 0.00	30.33 -2.27 0.00	31.21 -2.52 0.00	44.21 -3.61 0.00	59.41 -4.71 0.00	52.77 -4.24 0.00	53.06 -4.64 0.00	50.04 -3.95 0.00	28.73 -2.04 0.00
GLEN PARK____ 23778	26.20 -1.07 0.00	23.96 -1.23 -0.16	25.98 -1.39 -1.89	24.54 -1.43 1.03	28.86 -1.47 -2.01	30.41 -1.35 -1.23	33.64 -1.33 0.00	42.99 -1.71 0.00	30.52 -1.26 0.00	27.13 -1.22 0.00	24.84 -1.79 0.00	28.68 -1.77 0.00	24.87 -1.49 0.00	24.06 -1.78 0.03	20.25 -2.11 4.20	13.78 -2.43 11.46	29.03 -2.92 0.65	30.80 -2.93 0.00	45.74 -2.79 -0.71	63.46 -0.66 0.00	56.98 -0.03 0.00	57.47 -0.23 0.00	53.62 -0.37 0.00	30.34 -0.43 0.00
GLENDALE_27_KV_LOAD 356172	29.20 1.93 0.00	26.78 1.76 0.00	27.20 1.71 0.00	28.80 1.81 0.00	30.11 1.78 0.00	32.58 2.05 0.00	37.28 2.30 0.00	47.81 3.10 0.00	34.17 2.39 0.00	30.70 2.34 -0.01	32.20 2.20 -3.37	33.40 2.62 -0.33	28.92 2.56 -0.01	30.06 2.75 -1.45	29.43 2.87 0.00	30.75 3.08 0.00	36.08 3.48 0.00	37.30 3.57 0.00	52.53 4.71 0.00	70.06 5.94 0.00	62.16 5.15 0.00	62.64 4.94 0.00	58.39 4.39 0.00	33.23 2.45 0.00
GLENWOOD_IC_1_G5 23712	29.09 1.83 0.00	26.72 1.70 0.00	27.15 1.67 0.00	28.76 1.76 0.00	30.08 1.75 0.00	32.56 2.02 0.00	37.16 2.18 0.00	47.57 2.86 0.00	33.93 2.16 0.00	32.86 2.14 -2.36	48.36 2.02 -19.72	48.04 2.48 -15.11	43.68 2.41 -14.90	67.00 2.63 -38.50	90.72 2.72 -61.45	54.28 2.90 -23.71	59.67 3.24 -23.83	65.72 3.31 -28.68	86.27 4.45 -33.99	83.37 5.53 -13.71	99.17 4.94 -37.22	199.26 4.90 -136.67	58.26 4.26 0.00	33.19 2.41 -0.01
GLENWOOD_IC_2_G1 23688	28.99 1.73 0.00	26.62 1.60 0.00	27.05 1.57 0.00	28.66 1.66 0.00	29.97 1.64 0.00	32.43 1.90 0.00	37.03 2.05 0.00	47.41 2.70 0.00	33.81 2.03 0.00	30.45 2.02 -0.07	32.40 1.94 -3.82	33.51 2.32 -0.73	29.04 2.26 -0.43	30.84 2.48 -2.49	30.88 2.55 -1.78	31.12 2.74 -0.70	36.33 3.07 -0.66	37.74 3.22 -0.79	53.07 4.32 -0.94	69.88 5.38 -0.38	62.89 4.80 -1.09	67.83 4.72 -5.41	57.99 3.99 0.00	33.02 2.25 0.00
GLENWOOD_IC_3_G1 23689	28.99 1.73 0.00	26.62 1.60 0.00	27.05 1.57 0.00	28.66 1.66 0.00	29.97 1.64 0.00	32.43 1.90 0.00	37.03 2.05 0.00	47.41 2.70 0.00	33.81 2.03 0.00	30.45 2.02 -0.07	32.40 1.94 -3.82	33.51 2.32 -0.73	29.04 2.26 -0.43	30.84 2.48 -2.49	30.88 2.55 -1.78	31.12 2.74 -0.70	36.33 3.07 -0.66	37.74 3.22 -0.79	53.07 4.32 -0.94	69.88 5.38 -0.38	62.89 4.80 -1.09	67.83 4.72 -5.41	57.99 3.99 0.00	33.02 2.25 0.00
GLENWOOD___4 23550	29.09 1.83 0.00	26.72 1.70 0.00	27.15 1.67 0.00	28.76 1.76 0.00	30.08 1.75 0.00	32.56 2.02 0.00	37.16 2.18 0.00	47.57 2.86 0.00	33.93 2.16 0.00	32.86 2.15 -2.36	48.40 2.05 -19.72	48.05 2.49 -15.11	43.68 2.41 -14.90	67.00 2.63 -38.50	90.72 2.72 -61.45	54.28 2.90 -23.71	59.68 3.24 -23.83	65.76 3.35 -28.68	86.32 4.51 -33.99	83.43 5.60 -13.71	99.24 5.01 -37.22	199.35 4.98 -136.67	58.26 4.26 0.00	33.19 2.41 -0.01
GLENWOOD___5 23614	29.09 1.83 0.00	26.72 1.70 0.00	27.15 1.67 0.00	28.76 1.76 0.00	30.08 1.75 0.00	32.56 2.02 0.00	37.16 2.18 0.00	47.57 2.86 0.00	33.93 2.16 0.00	32.86 2.15 -2.36	48.40 2.05 -19.72	48.05 2.49 -15.11	43.68 2.41 -14.90	67.00 2.63 -38.50	90.72 2.72 -61.45	54.28 2.90 -23.71	59.68 3.24 -23.83	65.76 3.35 -28.68	86.32 4.51 -33.99	83.43 5.60 -13.71	99.24 5.01 -37.22	199.35 4.98 -136.67	58.26 4.26 0.00	33.19 2.41 -0.01
GLOBAL GREEN_PORT_GT1 23814	30.05 2.78 -0.01	27.78 2.76 0.00	28.23 2.74 0.00	29.90 2.90 0.00	31.26 2.93 0.00	33.91 3.37 0.00	38.69 3.72 0.00	49.34 4.64 0.00	35.06 3.28 0.00	32.00 3.21 -0.43	35.87 2.93 -6.31	36.25 3.41 -2.39	32.08 3.13 -2.59	35.72 3.36 -6.49	35.17 3.45 -5.17	36.22 3.64 -4.91	40.81 4.11 -4.10	43.71 4.59 -5.38	60.67 6.44 -6.41	75.03 8.32 -2.58	73.20 7.65 -8.54	133.20 7.63 -67.87	60.53 6.54 0.00	34.52 3.75 0.00
GLOBE___DSASP 323697	24.95 -2.31 0.00	23.04 -1.98 0.00	23.09 -2.39 0.00	24.43 -2.56 0.00	25.87 -2.46 0.00	27.89 -2.65 0.00	31.90 -3.08 0.00	40.74 -3.97 0.00	29.50 -2.28 0.00	26.30 -1.82 0.24	25.10 -1.53 0.00	28.51 -1.94 0.00	23.99 -1.92 0.44	23.44 -1.82 0.62	24.29 -1.91 0.36	25.09 -2.13 0.46	29.48 -2.50 0.63	30.52 -3.21 0.00	43.03 -4.79 0.00	58.05 -6.08 0.00	51.54 -5.47 0.00	51.69 -6.01 0.00	49.51 -4.48 0.00	28.68 -2.09 0.00
GOETHSLN___LBMP 323567	28.91 1.64 0.00	26.53 1.51 0.00	26.95 1.47 0.00	28.55 1.55 0.00	29.85 1.52 0.00	32.30 1.77 0.00	36.90 1.93 0.00	47.30 2.60 0.00	33.75 1.97 0.00	30.31 1.95 0.00	31.85 1.85 -3.37	33.00 2.22 -0.32	28.60 2.24 0.00	29.77 2.46 -1.44	29.13 2.57 0.00	30.48 2.80 0.00	35.78 3.17 0.00	36.99 3.26 0.00	52.14 4.33 0.00	69.52 5.39 0.00	61.72 4.71 0.00	62.20 4.50 0.00	57.90 3.90 0.00	32.93 2.16 0.00
GOLAH___69_KV_TB 1_2 80279	26.25 -1.01 0.00	24.21 -0.81 0.00	24.33 -1.16 0.00	25.75 -1.25 0.00	27.23 -1.09 0.00	29.43 -1.11 0.00	33.77 -1.20 0.00	43.20 -1.50 0.00	31.12 -0.66 0.00	27.89 -0.40 0.07	26.35 -0.28 0.00	29.98 -0.48 0.00	25.54 -0.74 0.08	25.01 -0.77 0.09	25.68 -0.87 0.00	26.71 -0.97 0.00	31.49 -1.12 0.00	32.41 -1.32 0.00	45.91 -1.91 0.00	61.81 -2.31 0.00	54.99 -2.02 0.00	55.26 -2.43 0.00	52.30 -1.70 0.00	30.08 -0.70 0.00
GOODYEAR_LAKE_HYD 323669	27.71 0.45 0.00	25.42 0.40 0.00	25.90 0.41 0.00	27.49 0.49 0.00	28.85 0.52 0.00	31.10 0.56 0.00	35.73 0.76 0.00	45.76 1.05 0.00	32.52 0.74 0.00	28.97 0.61 0.00	27.21 0.58 0.00	31.18 0.73 0.00	27.02 0.66 0.00	26.56 0.69 0.00	27.25 0.70 0.00	28.35 0.68 0.00	33.48 0.88 0.00	34.72 0.98 0.00	49.37 1.41 -0.14	66.09 1.96 0.00	58.75 1.74 0.00	59.30 1.60 0.00	55.53 1.54 0.00	31.69 0.91 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.05 -0.21 0.00	24.85 -0.16 0.00	25.23 -0.25 0.00	26.83 -0.17 0.00	28.12 -0.21 0.00	30.34 -0.20 0.00	34.72 -0.25 0.00	44.37 -0.33 0.00	31.54 -0.23 0.00	28.16 -0.19 0.00	26.49 -0.14 0.00	30.31 -0.14 0.00	26.28 -0.08 0.00	25.88 0.01 0.00	26.60 0.05 0.00	27.61 -0.06 0.00	32.64 0.04 0.00	33.73 0.00 0.00	48.21 0.07 -0.32	64.25 0.13 0.00	56.90 -0.11 0.00	57.26 -0.44 0.00	53.65 -0.34 0.00	30.76 -0.01 0.00

GOUDEY___7 23579	27.05 -0.21 0.00	24.85 -0.16 0.00	25.23 -0.25 0.00	26.83 -0.17 0.00	28.12 -0.21 0.00	30.34 -0.20 0.00	34.72 -0.25 0.00	44.37 -0.33 0.00	31.54 -0.23 0.00	28.16 -0.19 0.00	26.49 -0.14 0.00	30.31 -0.14 0.00	26.28 -0.08 0.00	25.88 0.01 0.00	26.60 0.05 0.00	27.61 -0.06 0.00	32.64 0.04 0.00	33.73 0.00 0.00	48.21 0.07 -0.32	64.25 0.13 0.00	56.90 -0.11 0.00	57.26 -0.44 0.00	53.65 -0.34 0.00	30.76 -0.01 0.00
GOUDEY___8 23580	27.05 -0.21 0.00	24.85 -0.16 0.00	25.23 -0.25 0.00	26.83 -0.17 0.00	28.12 -0.21 0.00	30.34 -0.20 0.00	34.72 -0.25 0.00	44.37 -0.33 0.00	31.54 -0.23 0.00	28.16 -0.19 0.00	26.49 -0.14 0.00	30.31 -0.14 0.00	26.28 -0.08 0.00	25.88 0.01 0.00	26.60 0.05 0.00	27.61 -0.06 0.00	32.64 0.04 0.00	33.73 0.00 0.00	48.21 0.07 -0.32	64.25 0.13 0.00	56.90 -0.11 0.00	57.26 -0.44 0.00	53.65 -0.34 0.00	30.76 -0.01 0.00
GOWANUS_GT1_1 24077	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.65 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.34 -0.01	32.19 2.19 -3.37	33.42 2.64 -0.33	28.94 2.57 -0.01	30.88 2.73 -2.27	61.28 2.83 -31.90	54.61 3.04 -23.90	59.96 3.43 -23.93	52.98 3.51 -15.74	61.67 4.64 -9.21	69.99 5.86 0.00	62.11 5.11 0.00	62.59 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT1_2 24078	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.65 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.34 -0.01	32.19 2.19 -3.37	33.42 2.64 -0.33	28.94 2.57 -0.01	30.88 2.73 -2.27	61.28 2.83 -31.90	54.61 3.04 -23.90	59.96 3.43 -23.93	52.98 3.51 -15.74	61.67 4.64 -9.21	69.99 5.86 0.00	62.11 5.11 0.00	62.59 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT1_3 24079	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.65 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.34 -0.01	32.19 2.19 -3.37	33.42 2.64 -0.33	28.94 2.57 -0.01	30.88 2.73 -2.27	61.28 2.83 -31.90	54.61 3.04 -23.90	59.96 3.43 -23.93	52.98 3.51 -15.74	61.67 4.64 -9.21	69.99 5.86 0.00	62.11 5.11 0.00	62.59 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT1_4 24080	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.65 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.34 -0.01	32.19 2.19 -3.37	33.42 2.64 -0.33	28.94 2.57 -0.01	30.88 2.73 -2.27	61.28 2.83 -31.90	54.61 3.04 -23.90	59.96 3.43 -23.93	52.98 3.51 -15.74	61.67 4.64 -9.21	69.99 5.86 0.00	62.11 5.11 0.00	62.59 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT1_5 24084	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.65 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.34 -0.01	32.19 2.19 -3.37	33.42 2.64 -0.33	28.94 2.57 -0.01	30.88 2.73 -2.27	61.28 2.83 -31.90	54.61 3.04 -23.90	59.96 3.43 -23.93	52.98 3.51 -15.74	61.67 4.64 -9.21	69.99 5.86 0.00	62.11 5.11 0.00	62.59 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT1_6 24111	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.65 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.34 -0.01	32.19 2.19 -3.37	33.42 2.64 -0.33	28.94 2.57 -0.01	30.88 2.73 -2.27	61.28 2.83 -31.90	54.61 3.04 -23.90	59.96 3.43 -23.93	52.98 3.51 -15.74	61.67 4.64 -9.21	69.99 5.86 0.00	62.11 5.11 0.00	62.59 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT1_7 24112	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.65 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.34 -0.01	32.19 2.19 -3.37	33.42 2.64 -0.33	28.94 2.57 -0.01	30.88 2.73 -2.27	61.28 2.83 -31.90	54.61 3.04 -23.90	59.96 3.43 -23.93	52.98 3.51 -15.74	61.67 4.64 -9.21	69.99 5.86 0.00	62.11 5.11 0.00	62.59 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT1_8 24113	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.65 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.34 -0.01	32.19 2.19 -3.37	33.42 2.64 -0.33	28.94 2.57 -0.01	30.88 2.73 -2.27	61.28 2.83 -31.90	54.61 3.04 -23.90	59.96 3.43 -23.93	52.98 3.51 -15.74	61.67 4.64 -9.21	69.99 5.86 0.00	62.11 5.11 0.00	62.59 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT2_1 24114	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT2_2 24115	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT2_3 24116	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT2_4 24117	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT2_5 24118	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00

GOWANUS_GT2_6 24119	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT2_7 24120	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT2_8 24121	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT3_1 24122	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT3_2 24123	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT3_3 24124	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT3_4 24125	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT3_5 24126	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64																		

GOWANUS_GT4_5 24134	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.65 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.34 -0.01	32.19 2.19 -3.37	33.42 2.64 -0.33	28.94 2.57 -0.01	30.88 2.73 -2.27	61.28 2.83 -31.90	54.61 3.04 -23.90	59.96 3.43 -23.93	52.98 3.51 -15.74	61.67 4.64 -9.21	69.99 5.86 0.00	62.11 5.11 0.00	62.59 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT4_6 24135	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.65 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.34 -0.01	32.19 2.19 -3.37	33.42 2.64 -0.33	28.94 2.57 -0.01	30.88 2.73 -2.27	61.28 2.83 -31.90	54.61 3.04 -23.90	59.96 3.43 -23.93	52.98 3.51 -15.74	61.67 4.64 -9.21	69.99 5.86 0.00	62.11 5.11 0.00	62.59 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT4_7 24136	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.65 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.34 -0.01	32.19 2.19 -3.37	33.42 2.64 -0.33	28.94 2.57 -0.01	30.88 2.73 -2.27	61.28 2.83 -31.90	54.61 3.04 -23.90	59.96 3.43 -23.93	52.98 3.51 -15.74	61.67 4.64 -9.21	69.99 5.86 0.00	62.11 5.11 0.00	62.59 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GOWANUS_GT4_8 24137	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.65 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.34 -0.01	32.19 2.19 -3.37	33.42 2.64 -0.33	28.94 2.57 -0.01	30.88 2.73 -2.27	61.28 2.83 -31.90	54.61 3.04 -23.90	59.96 3.43 -23.93	52.98 3.51 -15.74	61.67 4.64 -9.21	69.99 5.86 0.00	62.11 5.11 0.00	62.59 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GREATVR_69_KV_BK1 356245	29.61 2.34 -0.01	27.19 2.17 0.00	27.63 2.15 0.00	29.26 2.26 0.00	30.58 2.25 0.00	33.15 2.61 0.00	37.79 2.82 0.00	48.27 3.57 0.00	34.35 2.57 0.00	31.51 2.59 -0.56	36.31 2.44 -7.24	36.61 2.87 -3.28	32.52 2.72 -3.45	37.44 2.87 -8.70	38.38 2.92 -8.90	36.93 3.07 -6.19	41.49 3.36 -5.52	44.45 3.65 -7.07	61.32 5.08 -8.41	73.75 6.24 -3.39	73.34 5.76 -10.57	134.97 5.96 -71.31	59.06 5.06 0.00	33.76 2.98 0.00
GREENBSH_115KV_TB3 55895	27.79 0.53 0.00	25.53 0.51 0.00	26.07 0.58 0.00	27.60 0.60 0.00	28.91 0.58 0.00	31.17 0.64 0.00	35.58 0.61 0.00	45.39 0.69 0.00	32.34 0.56 0.00	28.85 0.50 0.00	27.06 0.43 0.00	30.97 0.52 0.00	26.88 0.52 0.00	26.52 0.65 0.00	27.27 0.71 0.00	28.47 0.79 0.00	33.46 0.85 0.00	34.63 0.90 0.00	49.09 1.27 0.00	65.61 1.49 0.00	58.23 1.22 0.00	58.97 1.27 0.00	54.96 0.97 0.00	31.35 0.58 0.00
GREENDGE_115KV_TB5 80291	26.69 -0.57 0.00	24.51 -0.51 0.00	24.77 -0.72 0.00	26.26 -0.74 0.00	27.58 -0.74 0.00	29.81 -0.73 0.00	34.22 -0.75 0.00	43.73 -0.98 0.00	31.11 -0.67 0.00	28.05 -0.66 -0.35	26.04 -0.59 0.00	29.76 -0.69 0.00	26.51 -0.66 -0.81	26.45 -0.55 -1.13	26.64 -0.57 -0.66	27.70 -0.81 -0.84	33.20 -0.55 -1.15	33.12 -0.62 0.00	47.30 -0.79 -0.27	63.08 -1.05 0.00	55.87 -1.14 0.00	56.14 -1.55 0.00	52.80 -1.19 0.00	30.50 -0.28 0.00
GREENIDGE___3 23582	26.69 -0.57 0.00	24.51 -0.51 0.00	24.77 -0.72 0.00	26.26 -0.74 0.00	27.58 -0.74 0.00	29.81 -0.73 0.00	34.22 -0.75 0.00	43.73 -0.98 0.00	31.11 -0.67 0.00	28.05 -0.66 -0.35	26.04 -0.59 0.00	29.76 -0.69 0.00	26.51 -0.66 -0.81	26.45 -0.55 -1.13	26.64 -0.57 -0.66	27.70 -0.81 -0.84	33.20 -0.55 -1.15	33.12 -0.62 0.00	47.30 -0.79 -0.27	63.08 -1.05 0.00	55.87 -1.14 0.00	56.14 -1.55 0.00	52.80 -1.19 0.00	30.50 -0.28 0.00
GREENIDGE___4 23583	26.69 -0.57 0.00	24.51 -0.50 0.00	24.77 -0.72 0.00	26.26 -0.74 0.00	27.58 -0.74 0.00	29.81 -0.73 0.00	34.22 -0.75 0.00	43.73 -0.98 0.00	31.11 -0.67 0.00	28.04 -0.67 -0.35	26.05 -0.58 0.00	29.76 -0.70 0.00	26.52 -0.65 -0.81	26.44 -0.55 -1.13	26.65 -0.57 -0.66	27.70 -0.81 -0.84	33.20 -0.55 -1.15	33.12 -0.62 0.00	47.30 -0.79 -0.27	63.08 -1.05 0.00	55.87 -1.14 0.00	56.13 -1.57 0.00	52.80 -1.19 0.00	30.50 -0.28 0.00
GREENLWN_69_KV_BK 3 55738	29.00 1.75 0.00	26.68 1.66 0.00	27.14 1.66 0.00	28.75 1.75 0.00	30.04 1.72 0.00	32.55 2.02 0.00	37.09 2.12 0.00	47.39 2.68 0.00	33.75 1.97 0.00	30.88 2.02 -0.51	35.51 2.02 -6.86	35.76 2.39 -2.92	31.74 2.28 -3.10	36.17 2.50 -7.80	36.46 2.54 -7.36	36.04 2.68 -5.68	40.41 2.86 -4.96	43.23 3.09 -6.40	59.64 4.20 -7.62	72.32 5.13 -3.07	71.51 4.72 -9.79	132.87 4.83 -70.34	57.93 3.93 0.00	33.10 2.33 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.65 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.34 -0.01	32.19 2.19 -3.37	33.42 2.64 -0.33	28.94 2.57 -0.01	30.88 2.73 -2.27	61.28 2.83 -31.90	54.61 3.04 -23.90	59.96 3.43 -23.93	52.98 3.51 -15.74	61.67 4.64 -9.21	69.99 5.86 0.00	62.11 5.11 0.00	62.59 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
GRISSOM___SOLAR 323813	28.69 1.43 0.00	26.33 1.31 0.00	26.82 1.34 0.00	28.42 1.42 0.00	29.83 1.51 0.00	32.21 1.67 0.00	37.02 2.05 0.00	47.32 2.62 0.00	33.16 1.39 0.00	28.92 0.57 0.00	27.09 0.47 0.00	31.17 0.72 0.00	26.98 0.62 0.00	26.48 0.61 0.00	27.12 0.57 0.00	28.30 0.63 0.00	33.75 1.15 0.00	35.04 1.31 0.00	50.04 2.22 0.00	68.06 3.93 0.00	60.68 3.68 0.00	61.41 3.71 0.00	57.39 3.40 0.00	32.64 1.87 0.00
GROVEVILLE___HYD 323602	28.93 1.66 0.00	26.53 1.52 0.00	27.00 1.51 0.00	28.61 1.61 0.00	29.94 1.61 0.00	32.37 1.83 0.00	36.99 2.01 0.00	47.36 2.65 0.00	33.77 1.99 0.00	30.24 1.88 0.00	28.38 1.75 0.00	32.53 2.08 0.00	28.36 2.00 0.00	28.08 2.21 0.00	28.87 2.31 0.00	30.20 2.52 0.00	35.54 2.94 0.00	36.80 3.07 0.00	52.05 4.23 0.00	69.46 5.33 0.00	61.69 4.69 0.00	62.25 4.55 0.00	57.90 3.90 0.00	32.88 2.11 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.89 -0.37 0.00	24.68 -0.34 0.00	25.12 -0.37 0.00	26.63 -0.37 0.00	27.92 -0.40 0.00	30.13 -0.41 0.00	34.50 -0.48 0.00	43.98 -0.72 0.00	31.20 -0.58 0.00	27.81 -0.54 0.00	26.15 -0.48 0.00	29.94 -0.51 0.00	25.99 -0.37 0.00	25.59 -0.28 0.00	26.25 -0.30 0.00	27.23 -0.44 0.00	32.18 -0.42 0.00	33.26 -0.47 0.00	48.09 -0.63 -0.91	63.32 -0.80 0.00	56.24 -0.77 0.00	56.75 -0.95 0.00	53.17 -0.82 0.00	30.46 -0.31 0.00
HAMLTNNY_34_KV_TB 80303	26.91 -0.35 0.00	24.69 -0.33 0.00	25.09 -0.40 0.00	26.59 -0.41 0.00	27.90 -0.42 0.00	30.12 -0.42 0.00	34.53 -0.45 0.00	44.01 -0.70 0.00	31.24 -0.54 0.00	27.90 -0.45 0.00	26.27 -0.36 0.00	30.05 -0.40 0.00	25.98 -0.38 0.00	25.54 -0.33 0.00	26.20 -0.36 0.00	27.21 -0.46 0.00	32.12 -0.48 0.00	33.22 -0.51 0.00	47.95 -0.74 -0.87	63.19 -0.93 0.00	56.11 -0.90 0.00	56.58 -1.12 0.00	53.08 -0.92 0.00	30.45 -0.32 0.00

HAMPSHIRE___PAPER_HYD 323593	25.97 -1.29 0.00	24.08 -1.37 -0.44	29.03 -1.46 -5.01	22.24 -1.55 3.22	32.12 -1.52 -5.32	32.28 -1.50 -3.25	33.52 -1.45 0.00	43.00 -1.70 0.00	30.42 -1.36 0.00	27.08 -1.27 0.00	25.22 -1.41 0.00	28.73 -1.73 0.00	24.83 -1.53 0.00	24.02 -1.76 0.08	12.61 -1.93 12.01	0.28 -2.12 25.27	28.34 -2.50 1.76	31.27 -2.47 0.00	45.20 -2.91 -0.30	61.94 -2.18 0.00	55.57 -1.43 0.00	56.49 -1.21 0.00	52.81 -1.19 0.00	29.86 -0.91 0.00
HARDSCRABBLE_WT_PWR 323673	26.75 -0.51 0.00	24.57 -0.45 0.00	25.12 -0.36 0.00	27.41 -0.21 -0.62	28.00 -0.33 0.00	30.19 -0.35 0.00	34.66 -0.31 0.00	44.39 -0.31 0.00	31.30 -0.48 0.00	27.62 -0.73 0.00	25.80 -0.83 0.00	29.70 -0.75 0.00	25.71 -0.65 0.00	25.28 -0.61 -0.01	27.02 -0.66 -1.12	29.49 -0.60 -2.41	32.00 -0.65 -0.04	33.37 -0.37 0.00	47.61 -0.21 0.00	64.33 0.21 0.00	57.16 0.16 0.00	57.66 -0.04 0.00	53.83 -0.17 0.00	30.60 -0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.80 1.54 0.00	26.42 1.40 0.00	26.86 1.37 0.00	28.46 1.47 0.00	29.80 1.47 0.00	32.21 1.68 0.00	36.81 1.84 0.00	47.12 2.42 0.00	33.58 1.80 0.00	30.10 1.74 0.00	23.93 1.65 4.35	32.02 1.99 0.42	28.35 1.98 0.00	26.20 2.20 1.86	28.87 2.31 0.00	30.22 2.54 0.00	35.54 2.94 0.00	36.81 3.08 0.00	51.98 4.16 0.00	69.33 5.20 0.00	61.66 4.65 0.00	62.16 4.46 0.00	57.76 3.77 0.00	32.80 2.03 0.00
HARSNRAD_115KV_TB1 81005	25.40 -1.86 0.00	23.45 -1.57 0.00	23.48 -2.00 0.00	24.86 -2.14 0.00	26.31 -2.01 0.00	28.39 -2.14 0.00	32.43 -2.55 0.00	41.41 -3.29 0.00	29.98 -1.80 0.00	26.71 -1.41 0.24	25.45 -1.18 0.00	28.90 -1.56 0.00	24.32 -1.59 0.45	23.73 -1.52 0.62	24.58 -1.61 0.36	25.39 -1.82 0.46	29.88 -2.10 0.63	31.03 -2.70 0.00	43.78 -4.04 0.00	59.12 -5.01 0.00	52.51 -4.49 0.00	52.67 -5.03 0.00	50.43 -3.57 0.00	29.23 -1.54 0.00
HARZA MOOSE___RIVER 24016	26.81 -0.45 0.00	24.55 -0.59 -0.12	26.21 -0.67 -1.40	25.89 -0.69 0.42	29.11 -0.69 -1.48	30.83 -0.61 -0.90	34.40 -0.58 0.00	43.96 -0.74 0.00	31.16 -0.61 0.00	27.81 -0.54 0.00	26.04 -0.59 0.00	29.68 -0.77 0.00	25.79 -0.57 0.00	25.15 -0.70 0.02	23.26 -0.79 2.50	22.37 -0.97 4.34	30.92 -1.22 0.46	32.68 -1.05 0.00	47.27 -0.81 -0.26	64.38 0.26 0.00	57.51 0.50 0.00	58.02 0.32 0.00	54.23 0.24 0.00	30.76 -0.02 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	26.80 -0.47 0.00	24.59 -0.43 0.00	25.02 -0.46 0.00	26.53 -0.47 0.00	27.80 -0.52 0.00	30.00 -0.54 0.00	34.33 -0.64 0.00	43.80 -0.90 0.00	31.10 -0.68 0.00	27.73 -0.63 0.00	26.07 -0.56 0.00	29.84 -0.61 0.00	25.92 -0.44 0.00	25.52 -0.35 0.00	26.19 -0.36 0.00	27.17 -0.50 0.00	32.08 -0.53 0.00	33.11 -0.62 0.00	47.53 -0.87 -0.58	63.00 -1.13 0.00	55.96 -1.05 0.00	56.47 -1.23 0.00	52.96 -1.04 0.00	30.35 -0.43 0.00
HELLGATE_13_KV_LD 55870	29.23 1.96 0.00	26.81 1.79 0.00	27.23 1.74 0.00	28.84 1.84 0.00	30.14 1.82 0.00	32.62 2.09 0.00	37.32 2.35 0.00	47.88 3.17 0.00	34.23 2.45 0.00	30.75 2.38 -0.01	32.24 2.24 -3.37	33.45 2.67 -0.33	28.99 2.63 -0.01	30.13 2.82 -1.45	29.50 2.95 0.00	30.83 3.16 0.00	36.18 3.58 0.00	37.38 3.65 0.00	52.63 4.81 0.00	70.20 6.08 0.00	62.29 5.28 0.00	62.76 5.06 0.00	58.48 4.49 0.00	33.26 2.49 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.23 1.96 0.00	26.81 1.79 0.00	27.23 1.74 0.00	28.84 1.84 0.00	30.14 1.82 0.00	32.62 2.09 0.00	37.32 2.35 0.00	47.88 3.17 0.00	34.23 2.45 0.00	30.75 2.38 -0.01	32.24 2.24 -3.37	33.45 2.67 -0.33	28.99 2.63 -0.01	30.13 2.82 -1.45	29.50 2.95 0.00	30.83 3.16 0.00	36.18 3.58 0.00	37.38 3.65 0.00	52.63 4.81 0.00	70.20 6.08 0.00	62.29 5.28 0.00	62.76 5.06 0.00	58.48 4.49 0.00	33.26 2.49 0.00
HEMPSTEAD___ 23647	28.99 1.73 0.00	26.64 1.62 0.00	27.07 1.59 0.00	28.68 1.68 0.00	29.99 1.66 0.00	32.47 1.93 0.00	37.03 2.05 0.00	47.38 2.68 0.00	33.78 2.01 0.00	32.59 2.05 -2.19	47.12 1.99 -18.50	46.89 2.38 -14.06	42.45 2.28 -13.81	63.80 2.50 -35.43	83.77 2.56 -54.67	52.23 2.72 -21.84	58.65 2.96 -23.09	65.05 3.11 -28.21	85.63 4.20 -33.61	82.86 5.18 -13.56	98.02 4.72 -36.29	183.69 4.76 -121.24	57.97 3.98 0.00	33.08 2.30 -0.01
HICKLING___1 23621	26.78 -0.48 0.00	24.61 -0.41 0.00	24.87 -0.61 0.00	26.44 -0.56 0.00	27.70 -0.63 0.00	29.91 -0.63 0.00	34.26 -0.72 0.00	43.81 -0.90 0.00	31.11 -0.66 0.00	27.79 -0.68 -0.11	26.10 -0.52 0.00	29.88 -0.57 0.00	26.13 -0.50 -0.26	25.89 -0.35 -0.36	26.48 -0.28 -0.21	27.42 -0.51 -0.27	32.69 -0.28 -0.37	33.52 -0.22 0.00	47.83 -0.26 -0.27	63.96 -0.17 0.00	56.46 -0.55 0.00	56.60 -1.10 0.00	53.10 -0.90 0.00	30.60 -0.18 0.00
HICKLING___2 23622	26.78 -0.48 0.00	24.61 -0.41 0.00	24.87 -0.61 0.00	26.44 -0.56 0.00	27.70 -0.63 0.00	29.91 -0.63 0.00	34.26 -0.72 0.00	43.81 -0.90 0.00	31.11 -0.66 0.00	27.79 -0.68 -0.11	26.10 -0.52 0.00	29.88 -0.57 0.00	26.13 -0.50 -0.26	25.89 -0.35 -0.36	26.48 -0.28 -0.21	27.42 -0.51 -0.27	32.69 -0.28 -0.37	33.52 -0.22 0.00	47.83 -0.26 -0.27	63.96 -0.17 0.00	56.46 -0.55 0.00	56.60 -1.10 0.00	53.10 -0.90 0.00	30.60 -0.18 0.00
HIGH FALLS___HY 23754	28.98 1.71 0.00	26.58 1.56 0.00	27.01 1.53 0.00	28.62 1.62 0.00	29.96 1.63 0.00	32.39 1.85 0.00	37.05 2.07 0.00	47.45 2.75 0.00	33.82 2.04 0.00	30.25 1.90 0.00	27.60 1.75 0.78	32.44 2.07 0.07	28.38 2.03 0.00	27.81 2.28 0.33	28.86 2.31 0.00	30.20 2.53 0.00	35.55 2.94 0.00	36.88 3.14 0.00	52.24 4.42 0.00	69.77 5.65 0.00	62.10 5.09 0.00	62.59 4.89 0.00	58.19 4.20 0.00	33.04 2.26 0.00
HIGH_RIVER___SOLAR 323847	28.43 1.17 0.00	26.09 1.07 0.00	26.59 1.11 0.00	28.18 1.18 0.00	29.57 1.25 0.00	31.91 1.38 0.00	36.59 1.61 0.00	46.73 2.02 0.00	32.91 1.13 0.00	28.86 0.50 0.00	26.88 0.25 0.00	31.17 0.71 0.00	26.81 0.45 0.00	26.50 0.63 0.00	27.12 0.57 0.00	28.14 0.47 0.00	33.62 1.02 0.00	35.03 1.30 0.00	49.92 2.11 0.00	67.43 3.31 0.00	60.01 3.00 0.00	60.75 3.05 0.00	56.73 2.74 0.00	32.28 1.51 0.00
HILLBURN___GT 23639	28.81 1.55 0.00	26.44 1.42 0.00	26.86 1.38 0.00	28.48 1.48 0.00	29.80 1.48 0.00	32.24 1.70 0.00	36.82 1.84 0.00	47.14 2.44 0.00	33.59 1.81 0.00	30.13 1.78 0.00	23.47 1.68 4.83	32.02 2.04 0.46	28.39 2.03 0.00	26.04 2.24 2.07	28.88 2.33 0.00	30.23 2.56 0.00	35.52 2.92 0.00	36.79 3.06 0.00	51.95 4.13 0.00	69.24 5.11 0.00	61.57 4.56 0.00	62.09 4.39 0.00	57.70 3.70 0.00	32.78 2.01 0.00
HILLSIDE_115KV_TB1 80332	26.63 -0.63 0.00	24.49 -0.53 0.00	24.78 -0.71 0.00	26.40 -0.60 0.00	27.64 -0.69 0.00	29.84 -0.70 0.00	34.12 -0.85 0.00	43.63 -1.08 0.00	31.01 -0.77 0.00	27.75 -0.71 -0.10	26.06 -0.57 0.00	29.82 -0.63 0.00	26.08 -0.51 -0.23	25.85 -0.35 -0.32	26.45 -0.29 -0.19	27.42 -0.50 -0.24	32.59 -0.34 -0.33	33.35 -0.38 0.00	47.61 -0.48 -0.28	63.53 -0.59 0.00	56.04 -0.96 0.00	56.21 -1.49 0.00	52.69 -1.31 0.00	30.34 -0.43 0.00

HISHELDN_WT_PWR 323625	25.58 -1.69 0.00	23.53 -1.49 0.00	23.58 -1.91 0.00	24.98 -2.02 0.00	26.33 -2.00 0.00	28.43 -2.11 0.00	32.59 -2.38 0.00	41.69 -3.01 0.00	29.86 -1.91 0.00	25.84 -1.78 0.73	25.14 -1.48 0.01	28.68 -1.77 0.00	23.19 -1.65 1.52	22.15 -1.61 2.11	23.73 -1.58 1.23	24.25 -1.86 1.57	28.48 -1.97 2.15	31.63 -2.11 0.00	44.77 -3.05 0.00	60.53 -3.60 0.00	53.70 -3.31 0.00	53.84 -3.86 0.00	51.19 -2.80 0.00	29.63 -1.14 0.00
HOLTSVILLE_IC_1 23690	29.35 2.07 -0.01	26.98 1.96 0.00	27.42 1.94 0.00	29.04 2.04 0.00	30.34 2.01 0.00	32.88 2.35 0.00	37.45 2.48 0.00	47.79 3.09 0.00	34.00 2.23 0.00	31.05 2.27 -0.42	35.04 2.16 -6.25	35.31 2.52 -2.33	31.30 2.39 -2.54	34.83 2.61 -6.35	34.13 2.64 -4.94	35.29 2.79 -4.83	39.59 2.97 -4.01	42.29 3.28 -5.28	58.57 4.47 -6.28	72.12 5.46 -2.53	70.50 5.07 -8.42	130.59 5.24 -67.64	58.36 4.37 0.00	33.38 2.61 0.00
HOLTSVILLE_IC_10 23699	29.49 2.22 -0.01	27.10 2.09 0.00	27.54 2.05 0.00	29.16 2.17 0.00	30.47 2.15 0.00	33.04 2.50 0.00	37.64 2.67 0.00	48.03 3.33 0.00	34.16 2.39 0.00	31.24 2.43 -0.45	35.40 2.29 -6.48	35.68 2.67 -2.56	31.65 2.54 -2.75	35.51 2.73 -6.91	35.20 2.78 -5.87	35.76 2.93 -5.15	40.15 3.17 -4.37	42.94 3.51 -5.70	59.41 4.81 -6.79	72.80 5.94 -2.73	71.44 5.51 -8.93	131.87 5.64 -68.53	58.74 4.75 0.00	33.57 2.80 0.00
HOLTSVILLE_IC_2 23691	29.35 2.07 -0.01	26.98 1.96 0.00	27.42 1.94 0.00	29.04 2.04 0.00	30.34 2.01 0.00	32.88 2.35 0.00	37.45 2.48 0.00	47.79 3.09 0.00	34.00 2.23 0.00	31.05 2.27 -0.42	35.04 2.16 -6.25	35.31 2.52 -2.33	31.30 2.39 -2.54	34.83 2.61 -6.35	34.13 2.64 -4.94	35.29 2.79 -4.83	39.59 2.97 -4.01	42.29 3.28 -5.28	58.57 4.47 -6.28	72.12 5.46 -2.53	70.50 5.07 -8.42	130.59 5.24 -67.64	58.36 4.37 0.00	33.38 2.61 0.00
HOLTSVILLE_IC_3 23692	29.35 2.07 -0.01	26.98 1.96 0.00	27.42 1.94 0.00	29.04 2.04 0.00	30.34 2.01 0.00	32.88 2.35 0.00	37.45 2.48 0.00	47.79 3.09 0.00	34.00 2.23 0.00	31.05 2.27 -0.42	35.04 2.16 -6.25	35.31 2.52 -2.33	31.30 2.39 -2.54	34.83 2.61 -6.35	34.13 2.64 -4.94	35.29 2.79 -4.83	39.59 2.97 -4.01	42.29 3.28 -5.28	58.57 4.47 -6.28	72.12 5.46 -2.53	70.50 5.07 -8.42	130.59 5.24 -67.64	58.36 4.37 0.00	33.38 2.61 0.00
HOLTSVILLE_IC_4 23693	29.35 2.07 -0.01	26.98 1.96 0.00	27.42 1.94 0.00	29.04 2.04 0.00	30.34 2.01 0.00	32.88 2.35 0.00	37.45 2.48 0.00	47.79 3.09 0.00	34.00 2.23 0.00	31.05 2.27 -0.42	35.04 2.16 -6.25	35.31 2.52 -2.33	31.30 2.39 -2.54	34.83 2.61 -6.35	34.13 2.64 -4.94	35.29 2.79 -4.83	39.59 2.97 -4.01	42.29 3.28 -5.28	58.57 4.47 -6.28	72.12 5.46 -2.53	70.50 5.07 -8.42	130.59 5.24 -67.64	58.36 4.37 0.00	33.38 2.61 0.00
HOLTSVILLE_IC_5 23694	29.35 2.07 -0.01	26.98 1.96 0.00	27.42 1.94 0.00	29.04 2.04 0.00	30.34 2.01 0.00	32.88 2.35 0.00	37.45 2.48 0.00	47.79 3.09 0.00	34.00 2.23 0.00	31.05 2.27 -0.42	35.04 2.16 -6.25	35.31 2.52 -2.33	31.30 2.39 -2.54	34.83 2.61 -6.35	34.13 2.64 -4.94	35.29 2.79 -4.83	39.59 2.97 -4.01	42.29 3.28 -5.28	58.57 4.47 -6.28	72.12 5.46 -2.53	70.50 5.07 -8.42	130.59 5.24 -67.64	58.36 4.37 0.00	33.38 2.61 0.00
HOLTSVILLE_IC_6 23695	29.49 2.22 -0.01	27.10 2.09 0.00	27.54 2.05 0.00	29.16 2.17 0.00	30.47 2.15 0.00	33.04 2.50 0.00	37.64 2.67 0.00	48.03 3.33 0.00	34.16 2.39 0.00	31.24 2.43 -0.45	35.40 2.29 -6.48	35.68 2.67 -2.56	31.65 2.54 -2.75	35.51 2.73 -6.91	35.20 2.78 -5.87	35.76 2.93 -5.15	40.15 3.17 -4.37	42.94 3.51 -5.70	59.41 4.81 -6.79	72.80 5.94 -2.73	71.44 5.51 -8.93	131.87 5.64 -68.53	58.74 4.75 0.00	33.57 2.80 0.00
HOLTSVILLE_IC_7 23696	29.49 2.22 -0.01	27.10 2.09 0.00	27.54 2.05 0.00	29.16 2.17 0.00	30.47 2.15 0.00	33.04 2.50 0.00	37.64 2.67 0.00	48.03 3.33 0.00	34.16 2.39 0.00	31.24 2.43 -0.45	35.40 2.29 -6.48	35.68 2.67 -2.56	31.65 2.54 -2.75	35.51 2.73 -6.91	35.20 2.78 -5.87	35.76 2.93 -5.15	40.15 3.17 -4.37	42.94 3.51 -5.70	59.41 4.81 -6.79	72.80 5.94 -2.73	71.44 5.51 -8.93	131.87 5.64 -68.53	58.74 4.75 0.00	33.57 2.80 0.00
HOLTSVILLE_IC_8 23697	29.49 2.22 -0.01	27.10 2.09 0.00	27.54 2.05 0.00	29.16 2.17 0.00	30.47 2.15 0.00	33.04 2.50 0.00	37.64 2.67 0.00	48.03 3.33 0.00	34.16 2.39 0.00	31.24 2.43 -0.45	35.40 2.29 -6.48	35.68 2.67 -2.56	31.65 2.54 -2.75	35.51 2.73 -6.91	35.20 2.78 -5.87	35.76 2.93 -5.15	40.15 3.17 -4.37	42.94 3.51 -5.70	59.41 4.81 -6.79	72.80 5.94 -2.73	71.44 5.51 -8.93	131.87 5.64 -68.53	58.74 4.75 0.00	33.57 2.80 0.00
HOLTSVILLE_IC_9 23698	29.49 2.22 -0.01	27.10 2.09 0.00	27.54 2.05 0.00	29.16 2.17 0.00	30.47 2.15 0.00	33.04 2.50 0.00	37.64 2.67 0.00	48.03 3.33 0.00	34.16 2.39 0.00	31.24 2.43 -0.45	35.40 2.29 -6.48	35.68 2.67 -2.56	31.65 2.54 -2.75	35.51 2.73 -6.91	35.20 2.78 -5.87	35.76 2.93 -5.15	40.15 3.17 -4.37	42.94 3.51 -5.70	59.41 4.81 -6.79	72.80 5.94 -2.73	71.44 5.51 -8.93	131.87 5.64 -68.53	58.74 4.75 0.00	33.57 2.80 0.00
HOMER_HL_115KV_TB2 355744	26.21 -1.05 0.00	24.24 -0.78 0.00	24.31 -1.18 0.00	25.87 -1.12 0.00	27.31 -1.02 0.00	29.55 -0.99 0.00	33.89 -1.08 0.00	43.33 -1.38 0.00	31.06 -0.71 0.00	27.77 -0.52 0.07	26.23 -0.40 0.00	30.01 -0.44 0.00	25.76 -0.47 0.13	25.20 -0.49 0.19	25.92 -0.52 0.11	26.80 -0.73 0.14	31.70 -0.70 0.20	32.77 -0.96 0.00	46.34 -1.48 0.00	62.26 -1.86 0.00	55.00 -2.01 0.00	55.12 -2.58 0.00	52.04 -1.96 0.00	30.08 -0.70 0.00
HOWARD_WT_PWR 323690	26.09 -1.17 0.00	23.99 -1.03 0.00	24.15 -1.34 0.00	25.26 -1.74 0.00	26.47 -1.86 0.00	28.47 -2.06 0.00	32.70 -2.27 0.00	41.76 -2.94 0.00	29.65 -2.13 0.00	26.82 -2.30 -0.77	24.64 -2.00 -0.01	28.28 -2.17 0.00	26.12 -1.96 -1.72	26.49 -1.76 -2.38	26.19 -1.76 -1.40	27.36 -2.08 -1.77	33.35 -1.68 -2.43	32.44 -1.29 0.00	46.18 -1.83 -0.19	62.40 -1.72 0.00	55.19 -1.82 0.00	55.07 -2.62 0.00	51.93 -2.07 0.00	30.12 -0.65 0.00
HQ_GEN_CEDARS 23644	27.09 -0.17 0.00	25.00 -0.23 -0.20	27.58 -0.23 -2.33	16.04 -0.28 10.67	30.65 -0.14 -2.47	31.91 -0.14 -1.51	35.02 0.04 0.00	44.99 0.29 0.00	31.83 0.05 0.00	28.32 -0.04 0.00	26.54 -0.08 0.00	30.21 -0.24 0.00	25.95 -0.41 0.00	25.07 -0.65 0.15	4.40 -0.69 21.46	-11.55 -0.67 38.55	30.66 -0.70 1.24	33.01 -0.73 0.00	46.62 -1.20 0.00	63.10 -1.03 0.00	56.35 -0.66 0.00	57.78 0.08 0.00	54.09 0.10 0.00	30.65 -0.12 0.00
HQ_GEN_CEDARS_PROXY 323590	26.28 -0.17 0.81	25.00 -0.22 -0.20	27.58 -0.23 -2.33	16.04 -0.28 10.67	30.66 -0.14 -2.47	31.91 -0.14 -1.51	35.02 0.04 0.00	45.00 0.29 0.00	31.83 0.05 0.00	28.32 -0.04 0.00	26.55 -0.08 0.00	30.21 -0.24 0.00	25.95 -0.41 0.00	25.07 -0.65 0.15	4.39 -0.70 21.46	-11.55 -0.67 38.55	30.66 -0.70 1.24	33.00 -0.73 0.00	46.62 -1.20 0.00	63.10 -1.02 0.00	56.35 -0.66 0.00	57.78 0.08 0.00	54.09 0.10 0.00	30.28 -0.12 0.37

HQ_GEN_IMPORT 323601	27.25 -0.01 0.00	24.98 -0.04 0.00	25.44 -0.05 0.00	25.13 -0.07 1.79	28.31 -0.01 0.00	30.51 -0.03 0.00	35.05 0.08 0.00	44.91 0.21 0.00	31.86 0.09 0.00	28.40 0.05 0.00	26.67 0.04 0.00	30.45 -0.01 0.00	26.24 -0.13 0.00	25.57 -0.28 0.02	23.04 -0.30 3.21	21.46 -0.28 5.93	32.19 -0.30 0.11	33.43 -0.30 0.00	47.40 -0.42 0.00	63.74 -0.39 0.00	56.75 -0.26 0.00	55.73 -0.08 1.89	52.49 -0.01 1.50	30.65 -0.12 0.00
HQ_GEN_WHEEL 23651	27.25 -0.01 0.00	24.98 -0.04 0.00	25.44 -0.05 0.00	25.13 -0.07 1.79	28.31 -0.01 0.00	30.51 -0.03 0.00	35.05 0.08 0.00	44.91 0.21 0.00	31.86 0.09 0.00	28.40 0.05 0.00	26.67 0.04 0.00	30.45 -0.01 0.00	26.24 -0.13 0.00	25.57 -0.28 0.02	23.04 -0.30 3.21	21.46 -0.28 5.93	32.19 -0.30 0.11	33.43 -0.30 0.00	47.40 -0.42 0.00	63.74 -0.39 0.00	56.75 -0.26 0.00	55.73 -0.08 1.89	52.49 -0.01 1.50	30.65 -0.12 0.00
HUDSON AVE_GT_3 23810	29.07 1.81 0.00	26.67 1.65 0.00	27.10 1.61 0.00	28.71 1.71 0.00	30.01 1.68 0.00	32.46 1.93 0.00	37.12 2.15 0.00	47.60 2.90 0.00	33.98 2.21 0.00	30.52 2.17 0.00	32.04 2.04 -3.37	33.23 2.45 -0.32	28.78 2.42 0.00	29.95 2.63 -1.44	29.29 2.74 0.00	30.63 2.95 0.00	35.97 3.37 0.00	37.19 3.46 0.00	52.38 4.56 0.00	69.87 5.75 0.00	62.01 5.00 0.00	62.48 4.78 0.00	58.20 4.20 0.00	33.10 2.33 0.00
HUDSON AVE_GT_4 23540	29.07 1.81 0.00	26.67 1.65 0.00	27.10 1.61 0.00	28.71 1.71 0.00	30.01 1.68 0.00	32.46 1.93 0.00	37.12 2.15 0.00	47.60 2.90 0.00	33.98 2.21 0.00	30.52 2.17 0.00	32.04 2.04 -3.37	33.23 2.45 -0.32	28.78 2.42 0.00	29.95 2.63 -1.44	29.29 2.74 0.00	30.63 2.95 0.00	35.97 3.37 0.00	37.19 3.46 0.00	52.38 4.56 0.00	69.87 5.75 0.00	62.01 5.00 0.00	62.48 4.78 0.00	58.20 4.20 0.00	33.10 2.33 0.00
HUDSON AVE_GT_5 23657	29.07 1.81 0.00	26.67 1.65 0.00	27.10 1.61 0.00	28.71 1.71 0.00	30.01 1.68 0.00	32.46 1.93 0.00	37.12 2.15 0.00	47.60 2.90 0.00	33.98 2.21 0.00	30.52 2.17 0.00	32.04 2.04 -3.37	33.23 2.45 -0.32	28.78 2.42 0.00	29.95 2.63 -1.44	29.29 2.74 0.00	30.63 2.95 0.00	35.97 3.37 0.00	37.19 3.46 0.00	52.38 4.56 0.00	69.87 5.75 0.00	62.01 5.00 0.00	62.48 4.78 0.00	58.20 4.20 0.00	33.10 2.33 0.00
HUDSON_AVE_10 24168	28.99 1.73 0.00	26.58 1.57 0.00	27.02 1.53 0.00	28.62 1.62 0.00	29.89 1.56 0.00	32.34 1.81 0.00	36.97 2.00 0.00	47.40 2.70 0.00	33.83 2.06 0.00	30.39 2.04 0.00	31.93 1.94 -3.37	33.15 2.31 -0.39	28.69 2.33 0.00	30.69 2.52 -2.31	33.77 2.60 -4.61	30.50 2.83 0.00	35.83 3.22 0.00	37.03 3.29 0.00	52.16 4.34 0.00	69.58 5.45 0.00	61.74 4.73 0.00	62.23 4.53 0.00	57.99 4.00 0.00	32.99 2.22 0.00
HUDSON___115KV_TB 4 355613	28.21 0.94 0.00	25.90 0.88 0.00	26.43 0.95 0.00	27.98 0.98 0.00	29.32 1.00 0.00	31.64 1.10 0.00	36.18 1.21 0.00	46.19 1.48 0.00	32.89 1.12 0.00	29.24 0.89 0.00	27.19 0.56 0.00	31.06 0.61 0.00	26.94 0.58 0.00	26.63 0.76 0.00	27.43 0.88 0.00	28.70 1.03 0.00	33.79 1.19 0.00	34.97 1.24 0.00	49.81 1.99 0.00	66.80 2.68 0.00	59.44 2.43 0.00	60.12 2.43 0.00	56.01 2.01 0.00	31.90 1.12 0.00
HUNTER MOUNT___DRP 323613	28.25 0.99 0.00	25.93 0.91 0.00	26.48 1.00 0.00	28.03 1.03 0.00	29.38 1.06 0.00	31.70 1.17 0.00	36.27 1.30 0.00	46.33 1.62 0.00	32.99 1.21 0.00	29.27 0.91 0.00	27.19 0.56 0.00	31.02 0.57 0.00	26.87 0.51 0.00	26.59 0.72 0.00	27.42 0.86 0.00	28.66 0.99 0.00	33.82 1.22 0.00	35.02 1.29 0.00	49.87 2.05 0.00	66.91 2.79 0.00	59.52 2.52 0.00	60.23 2.53 0.00	56.11 2.12 0.00	31.94 1.17 0.00
HUNTINGTON_RES_REC 323705	29.18 1.93 0.01	26.86 1.84 0.00	27.30 1.82 0.00	28.91 1.92 0.00	30.21 1.89 0.00	32.74 2.21 0.00	37.31 2.34 0.00	47.64 2.94 0.00	33.92 2.14 0.00	31.02 2.21 -0.45	35.24 2.10 -6.51	35.52 2.49 -2.58	31.49 2.36 -2.77	35.40 2.58 -6.96	35.14 2.63 -5.97	35.64 2.78 -5.19	40.01 3.00 -4.41	42.78 3.30 -5.75	59.16 4.50 -6.84	72.39 5.52 -2.75	71.08 5.08 -8.99	131.74 5.21 -68.83	58.31 4.31 0.00	33.31 2.54 0.00
HUNTLEY___63 23557	25.54 -1.73 0.00	23.57 -1.45 0.00	23.60 -1.89 0.00	24.98 -2.02 0.00	26.43 -1.90 0.00	28.53 -2.01 0.00	32.65 -2.32 0.00	41.71 -2.99 0.00	30.18 -1.59 0.00	26.87 -1.23 0.26	25.64 -0.99 0.00	29.13 -1.32 0.00	24.48 -1.40 0.48	23.90 -1.31 0.66	24.79 -1.37 0.39	25.61 -1.57 0.49	30.12 -1.81 0.67	31.32 -2.41 0.00	44.20 -3.62 0.00	59.68 -4.45 0.00	52.98 -4.03 0.00	53.13 -4.57 0.00	50.78 -3.21 0.00	29.40 -1.38 0.00
HUNTLEY___64 23558	25.54 -1.73 0.00	23.57 -1.45 0.00	23.60 -1.89 0.00	24.98 -2.02 0.00	26.43 -1.90 0.00	28.53 -2.01 0.00	32.65 -2.32 0.00	41.71 -2.99 0.00	30.18 -1.59 0.00	26.87 -1.23 0.26	25.64 -0.99 0.00	29.13 -1.32 0.00	24.48 -1.40 0.48	23.90 -1.31 0.66	24.79 -1.37 0.39	25.61 -1.57 0.49	30.12 -1.81 0.67	31.32 -2.41 0.00	44.20 -3.62 0.00	59.68 -4.45 0.00	52.98 -4.03 0.00	53.13 -4.57 0.00	50.78 -3.21 0.00	29.40 -1.38 0.00
HUNTLEY___65 23559	25.54 -1.73 0.00	23.57 -1.45 0.00	23.60 -1.89 0.00	24.98 -2.02 0.00	26.43 -1.90 0.00	28.53 -2.01 0.00	32.65 -2.32 0.00	41.71 -2.99 0.00	30.18 -1.59 0.00	26.87 -1.23 0.26	25.64 -0.99 0.00	29.13 -1.32 0.00	24.48 -1.40 0.48	23.90 -1.31 0.66	24.79 -1.37 0.39	25.61 -1.57 0.49	30.12 -1.81 0.67	31.32 -2.41 0.00	44.20 -3.62 0.00	59.68 -4.45 0.00	52.98 -4.03 0.00	53.13 -4.57 0.00	50.78 -3.21 0.00	29.40 -1.38 0.00
HUNTLEY___66 23560	25.54 -1.73 0.00	23.57 -1.45 0.00	23.60 -1.89 0.00	24.98 -2.02 0.00	26.43 -1.90 0.00	28.53 -2.01 0.00	32.65 -2.32 0.00	41.71 -2.99 0.00	30.18 -1.59 0.00	26.87 -1.23 0.26	25.64 -0.99 0.00	29.13 -1.32 0.00	24.48 -1.40 0.48	23.90 -1.31 0.66	24.79 -1.37 0.39	25.61 -1.57 0.49	30.12 -1.81 0.67	31.32 -2.41 0.00	44.20 -3.62 0.00	59.68 -4.45 0.00	52.98 -4.03 0.00	53.13 -4.57 0.00	50.78 -3.21 0.00	29.40 -1.38 0.00
HUNTLEY___67 23561	25.42 -1.84 0.00	23.46 -1.56 0.00	23.50 -1.99 0.00	24.89 -2.11 0.00	26.33 -2.00 0.00	28.41 -2.12 0.00	32.53 -2.45 0.00	41.55 -3.15 0.00	30.04 -1.74 0.00	26.68 -1.38 0.29	25.50 -1.13 0.00	29.00 -1.45 0.00	24.31 -1.49 0.56	23.68 -1.42 0.77	24.64 -1.47 0.45	25.42 -1.68 0.57	29.89 -1.93 0.78	31.27 -2.46 0.00	44.15 -3.68 0.00	59.54 -4.58 0.00	52.84 -4.16 0.00	52.99 -4.71 0.00	50.58 -3.42 0.00	29.28 -1.49 0.00
HUNTLEY___68 23562	25.42 -1.84 0.00	23.46 -1.56 0.00	23.50 -1.99 0.00	24.89 -2.11 0.00	26.33 -2.00 0.00	28.41 -2.12 0.00	32.53 -2.45 0.00	41.55 -3.15 0.00	30.04 -1.74 0.00	26.68 -1.38 0.29	25.50 -1.13 0.00	29.00 -1.45 0.00	24.31 -1.49 0.56	23.68 -1.42 0.77	24.64 -1.47 0.45	25.42 -1.68 0.57	29.89 -1.93 0.78	31.27 -2.46 0.00	44.15 -3.68 0.00	59.54 -4.58 0.00	52.84 -4.16 0.00	52.99 -4.71 0.00	50.58 -3.42 0.00	29.28 -1.49 0.00

HYLAND___LFGE 323620	27.04 -0.22 0.00	24.87 -0.15 0.00	24.98 -0.51 0.00	26.39 -0.61 0.00	27.84 -0.49 0.00	30.13 -0.41 0.00	34.70 -0.27 0.00	44.44 -0.26 0.00	31.38 -0.40 0.00	28.71 -0.49 -0.84	25.97 -0.67 -0.01	29.69 -0.77 0.00	27.47 -0.81 -1.92	27.61 -0.92 -2.65	27.17 -0.94 -1.56	28.61 -1.04 -1.97	34.28 -1.03 -2.71	33.54 -0.19 0.00	47.55 -0.27 0.00	63.94 -0.18 0.00	57.40 0.39 0.00	57.56 -0.13 0.00	54.25 0.26 0.00	31.16 0.38 0.00
INDECK___CORINTH 23802	28.66 1.40 0.00	26.30 1.28 0.00	26.89 1.40 0.00	28.49 1.49 0.00	29.86 1.54 0.00	32.21 1.67 0.00	36.87 1.89 0.00	47.07 2.36 0.00	33.51 1.73 0.00	29.72 1.36 0.00	27.77 1.14 0.00	31.73 1.28 0.00	27.45 1.08 0.00	27.10 1.22 0.00	27.93 1.37 0.00	29.32 1.64 0.00	34.57 1.97 0.00	35.92 2.18 0.00	51.13 3.31 0.00	68.45 4.33 0.00	60.70 3.70 0.00	61.55 3.86 0.00	57.23 3.24 0.00	32.39 1.61 0.00
INDECK___ILION 23567	27.06 -0.20 0.00	24.84 -0.17 0.00	25.35 -0.14 0.00	27.56 -0.06 -0.62	28.20 -0.12 0.00	30.41 -0.13 0.00	34.86 -0.11 0.00	44.59 -0.11 0.00	31.56 -0.21 0.00	28.01 -0.34 0.00	26.23 -0.40 0.00	30.11 -0.35 0.00	26.07 -0.29 0.00	25.62 -0.26 -0.01	27.41 -0.26 -1.12	29.86 -0.23 -2.41	32.39 -0.25 -0.04	33.61 -0.13 0.00	47.82 0.00 0.00	64.35 0.22 0.00	57.17 0.16 0.00	57.75 0.05 0.00	53.96 -0.04 0.00	30.72 -0.06 0.00
INDECK___OLEAN 23982	26.21 -1.05 0.00	24.24 -0.78 0.00	24.31 -1.18 0.00	25.87 -1.12 0.00	27.30 -1.03 0.00	29.55 -0.99 0.00	33.89 -1.08 0.00	43.32 -1.39 0.00	31.06 -0.71 0.00	27.74 -0.56 0.07	26.24 -0.38 0.00	29.99 -0.46 0.00	25.79 -0.43 0.13	25.17 -0.52 0.19	25.94 -0.50 0.11	26.80 -0.72 0.14	31.70 -0.70 0.20	32.77 -0.96 0.00	46.34 -1.48 0.00	62.25 -1.88 0.00	55.00 -2.00 0.00	55.08 -2.61 0.00	52.04 -1.95 0.00	30.08 -0.69 0.00
INDECK___OSWEGO 23783	26.40 -0.86 0.00	24.22 -0.80 0.00	24.66 -0.83 0.00	25.77 -0.86 0.36	27.39 -0.94 0.00	29.54 -0.99 0.00	33.79 -1.18 0.00	43.11 -1.59 0.00	30.63 -1.15 0.00	27.29 -1.07 0.00	25.61 -1.02 0.00	29.34 -1.11 0.00	25.47 -0.89 0.00	25.04 -0.83 0.00	25.05 -0.91 0.59	25.08 -1.06 1.54	31.35 -1.23 0.02	32.46 -1.27 0.00	47.98 -1.74 -1.89	61.96 -2.17 0.00	55.09 -1.92 0.00	55.64 -2.06 0.00	52.14 -1.86 0.00	29.88 -0.90 0.00
INDECK___YERKES 23781	25.56 -1.71 0.00	23.59 -1.42 0.00	23.61 -1.87 0.00	25.01 -1.99 0.00	26.45 -1.88 0.00	28.55 -1.99 0.00	32.67 -2.31 0.00	41.72 -2.98 0.00	30.22 -1.56 0.00	26.85 -1.25 0.26	25.69 -0.94 0.00	29.14 -1.31 0.00	24.55 -1.33 0.48	23.90 -1.31 0.66	24.85 -1.31 0.39	25.63 -1.55 0.49	30.15 -1.78 0.67	31.35 -2.38 0.00	44.24 -3.57 0.00	59.73 -4.39 0.00	53.04 -3.97 0.00	53.18 -4.52 0.00	50.84 -3.15 0.00	29.42 -1.35 0.00
INDIAN POINT_GT_1 24139	28.79 1.53 0.00	26.43 1.41 0.00	26.87 1.38 0.00	28.47 1.47 0.00	29.79 1.46 0.00	32.21 1.67 0.00	36.78 1.81 0.00	47.11 2.41 0.00	33.58 1.80 0.00	30.11 1.76 0.00	32.02 1.66 -3.73	32.80 1.99 -0.36	28.35 1.99 0.00	29.65 2.18 -1.60	28.83 2.28 0.00	30.16 2.48 0.00	35.43 2.83 0.00	36.68 2.95 0.00	51.78 3.96 0.00	69.06 4.94 0.00	61.37 4.36 0.00	61.90 4.20 0.00	57.59 3.59 0.00	32.73 1.96 0.00
INDIAN POINT_GT_2 23659	28.79 1.53 0.00	26.43 1.41 0.00	26.87 1.38 0.00	28.47 1.47 0.00	29.79 1.46 0.00	32.21 1.67 0.00	36.78 1.81 0.00	47.11 2.41 0.00	33.58 1.80 0.00	30.11 1.76 0.00	32.02 1.66 -3.73	32.80 1.99 -0.36	28.35 1.99 0.00	29.65 2.18 -1.60	28.83 2.28 0.00	30.16 2.48 0.00	35.43 2.83 0.00	36.68 2.95 0.00	51.78 3.96 0.00	69.06 4.94 0.00	61.37 4.36 0.00	61.90 4.20 0.00	57.59 3.59 0.00	32.73 1.96 0.00
INDIAN POINT_GT_3 24019	28.79 1.53 0.00	26.43 1.41 0.00	26.87 1.38 0.00	28.47 1.47 0.00	29.79 1.46 0.00	32.21 1.67 0.00	36.78 1.81 0.00	47.11 2.41 0.00	33.58 1.80 0.00	30.11 1.76 0.00	32.02 1.66 -3.73	32.80 1.99 -0.36	28.35 1.99 0.00	29.65 2.18 -1.60	28.83 2.28 0.00	30.16 2.48 0.00	35.43 2.83 0.00	36.68 2.95 0.00	51.78 3.96 0.00	69.06 4.94 0.00	61.37 4.36 0.00	61.90 4.20 0.00	57.59 3.59 0.00	32.73 1.96 0.00
INDIAN POINT___2 23530	28.77 1.51 0.00	26.41 1.39 0.00	26.85 1.36 0.00	28.46 1.46 0.00	29.77 1.45 0.00	32.19 1.65 0.00	36.76 1.79 0.00	47.07 2.36 0.00	33.55 1.77 0.00	30.10 1.74 0.00	33.48 1.63 -5.22	32.92 1.97 -0.50	28.32 1.96 0.00	30.27 2.17 -2.24	28.81 2.26 0.00	30.15 2.47 0.00	35.42 2.81 0.00	36.66 2.93 0.00	51.77 3.94 0.00	69.02 4.90 0.00	61.36 4.35 0.00	61.89 4.19 0.00	57.56 3.57 0.00	32.72 1.95 0.00
INDIAN POINT___3 23531	28.77 1.51 0.00	26.41 1.39 0.00	26.85 1.37 0.00	28.46 1.46 0.00	29.77 1.45 0.00	32.19 1.65 0.00	36.76 1.79 0.00	47.07 2.37 0.00	33.55 1.77 0.00	30.09 1.73 0.00	32.11 1.64 -3.85	32.79 1.96 -0.37	28.32 1.96 0.00	29.67 2.15 -1.65	28.79 2.24 0.00	30.12 2.45 0.00	35.39 2.79 0.00	36.64 2.91 0.00	51.73 3.91 0.00	69.00 4.87 0.00	61.31 4.30 0.00	61.85 4.15 0.00	57.53 3.54 0.00	32.71 1.94 0.00
INGHAM_C_115KV_TB7 356103	26.77 -0.50 0.00	24.58 -0.44 0.00	25.12 -0.36 0.00	27.38 -0.24 -0.62	27.95 -0.37 0.00	30.16 -0.38 0.00	34.62 -0.35 0.00	44.31 -0.39 0.00	31.16 -0.62 0.00	27.41 -0.94 0.00	25.54 -1.09 0.00	29.46 -1.00 0.00	25.53 -0.83 0.00	25.14 -0.74 -0.01	26.92 -0.75 -1.12	29.42 -0.66 -2.41	31.95 -0.69 -0.04	33.24 -0.49 0.00	47.53 -0.29 0.00	64.27 0.15 0.00	57.11 0.10 0.00	57.57 -0.12 0.00	53.69 -0.31 0.00	30.50 -0.27 0.00
IP CORINTH___1 23988	28.66 1.40 0.00	26.31 1.29 0.00	26.89 1.40 0.00	28.49 1.49 0.00	29.86 1.54 0.00	32.21 1.67 0.00	36.87 1.89 0.00	47.07 2.37 0.00	33.51 1.73 0.00	29.72 1.36 0.00	27.77 1.14 0.00	31.73 1.28 0.00	27.45 1.09 0.00	27.10 1.23 0.00	27.93 1.38 0.00	29.31 1.64 0.00	34.57 1.97 0.00	35.92 2.19 0.00	51.13 3.31 0.00	68.46 4.33 0.00	60.70 3.70 0.00	61.55 3.85 0.00	57.23 3.24 0.00	32.39 1.61 0.00
IP___TICONDEROGA 23804	29.61 2.34 0.00	27.18 2.17 0.00	27.85 2.36 0.00	29.56 2.56 0.00	30.97 2.64 0.00	33.34 2.81 0.00	38.10 3.13 0.00	48.39 3.69 0.00	34.56 2.79 0.00	30.55 2.19 0.00	28.57 1.94 0.00	32.56 2.11 0.00	28.06 1.70 0.00	27.50 1.63 0.00	28.48 1.93 0.00	30.22 2.54 0.00	35.55 2.95 0.00	37.21 3.48 0.00	52.92 5.10 0.00	70.89 6.76 0.00	62.97 5.97 0.00	64.16 6.46 0.00	59.37 5.38 0.00	33.27 2.50 0.00
ISLIP_RES_REC 323679	29.62 2.35 -0.01	27.22 2.21 0.00	27.66 2.18 0.00	29.29 2.29 0.00	30.61 2.28 0.00	33.19 2.65 0.00	37.82 2.85 0.00	48.27 3.57 0.00	34.34 2.56 0.00	31.42 2.59 -0.48	35.71 2.44 -6.64	35.98 2.82 -2.71	31.93 2.67 -2.90	36.02 2.87 -7.28	35.97 2.91 -6.51	36.12 3.08 -5.37	40.58 3.36 -4.61	43.42 3.70 -5.99	60.04 5.09 -7.13	73.34 6.34 -2.87	72.14 5.86 -9.27	132.80 5.98 -69.12	59.04 5.05 0.00	33.73 2.96 0.00

JAMAICA__27_KV_LOAD 355505	29.00 1.73 0.00	26.61 1.58 0.00	27.03 1.55 0.00	28.63 1.63 0.00	29.86 1.54 0.00	32.32 1.78 0.00	36.93 1.95 0.00	47.39 2.69 0.00	33.81 2.04 0.00	30.37 2.02 0.00	31.93 1.93 -3.37	33.13 2.27 -0.41	28.72 2.36 0.00	30.88 2.49 -2.52	34.85 2.52 -5.78	30.47 2.80 0.00	35.76 3.15 0.00	36.95 3.22 0.00	52.02 4.21 0.00	69.45 5.32 0.00	61.63 4.62 0.00	62.13 4.43 0.00	57.99 4.00 0.00	33.03 2.26 0.00
JANIS__SOLAR 323808	27.41 0.15 0.00	25.14 0.12 0.00	25.54 0.06 0.00	27.10 0.10 0.00	28.42 0.09 0.00	30.69 0.16 0.00	35.20 0.22 0.00	44.84 0.13 0.00	31.37 -0.41 0.00	27.86 -0.57 -0.08	26.13 -0.50 0.00	30.04 -0.41 0.00	26.26 -0.28 -0.18	25.68 -0.43 -0.25	26.62 -0.08 -0.14	27.59 -0.26 -0.18	32.71 -0.14 -0.25	34.25 0.52 0.00	49.59 1.37 -0.41	66.60 2.47 0.00	59.25 2.24 0.00	59.44 1.74 0.00	55.58 1.58 0.00	31.71 0.94 0.00
JARVIS____ 23743	27.23 -0.03 0.00	24.99 -0.03 0.00	25.48 -0.01 0.00	27.62 0.00 -0.62	28.32 -0.01 0.00	30.52 -0.02 0.00	34.94 -0.04 0.00	44.61 -0.09 0.00	31.74 -0.04 0.00	28.32 -0.04 0.00	26.59 -0.04 0.00	30.42 -0.03 0.00	26.35 -0.01 0.00	25.89 0.01 -0.01	27.68 0.01 -1.12	30.11 0.02 -2.41	32.64 -0.01 -0.04	33.74 0.01 0.00	47.87 0.05 0.00	64.18 0.06 0.00	57.03 0.02 0.00	57.70 0.00 0.00	53.94 -0.05 0.00	30.76 -0.02 0.00
JENNISON____1 23625	26.71 -0.55 0.00	24.41 -0.61 0.00	24.93 -0.55 0.00	26.84 -0.16 0.00	28.13 -0.19 0.00	30.37 -0.17 0.00	35.22 0.24 0.00	45.33 0.63 0.00	32.31 0.53 0.00	28.75 0.40 0.00	27.02 0.39 0.00	30.79 0.34 0.00	26.70 0.34 0.00	26.12 0.25 0.00	26.90 0.34 0.00	28.01 0.34 0.00	33.29 0.69 0.00	34.50 0.76 0.00	49.72 1.60 -0.29	66.82 2.70 0.00	59.54 2.53 0.00	59.59 1.89 0.00	55.89 1.89 0.00	31.85 1.08 0.00
JENNISON____2 23626	26.71 -0.55 0.00	24.41 -0.61 0.00	24.93 -0.55 0.00	26.84 -0.16 0.00	28.13 -0.19 0.00	30.37 -0.17 0.00	35.22 0.24 0.00	45.33 0.63 0.00	32.31 0.53 0.00	28.75 0.40 0.00	27.02 0.39 0.00	30.79 0.34 0.00	26.70 0.34 0.00	26.12 0.25 0.00	26.90 0.34 0.00	28.01 0.34 0.00	33.29 0.69 0.00	34.50 0.76 0.00	49.72 1.60 -0.29	66.82 2.70 0.00	59.54 2.53 0.00	59.59 1.89 0.00	55.89 1.89 0.00	31.85 1.08 0.00
JERICOHO_RISE_WT_PWR 323719	26.52 -0.74 0.00	19.77 -0.98 4.27	-24.63 -1.11 49.00	-23.47 -1.22 49.26	-24.84 -1.14 52.04	-2.40 -1.19 31.75	34.02 -0.96 0.00	44.05 -0.65 0.00	31.17 -0.60 0.00	27.82 -0.54 0.00	26.05 -0.58 0.00	29.52 -0.94 0.00	25.23 -1.13 0.00	24.38 -1.34 0.16	2.69 -1.47 22.39	-13.69 -1.50 39.86	18.76 -1.66 12.18	32.06 -1.67 0.00	45.65 -2.17 0.00	61.69 -2.44 0.00	55.29 -1.72 0.00	56.49 -1.21 0.00	52.82 -1.18 0.00	30.10 -0.67 0.00
KATONAH__115KV_46KV_TB4 355592	28.86 1.60 0.00	26.48 1.46 0.00	26.94 1.46 0.00	28.54 1.54 0.00	29.85 1.53 0.00	32.28 1.74 0.00	36.88 1.91 0.00	47.24 2.54 0.00	33.70 1.92 0.00	30.21 1.85 0.00	30.08 1.74 -1.71	32.68 2.07 -0.16	28.38 2.02 0.00	28.82 2.22 -0.73	28.86 2.31 0.00	30.18 2.51 0.00	35.49 2.89 0.00	36.74 3.01 0.00	51.89 4.08 0.00	69.23 5.11 0.00	61.47 4.46 0.00	62.00 4.30 0.00	57.70 3.71 0.00	32.78 2.01 0.00
KCE_NY_1 323755	28.55 1.28 0.00	26.19 1.17 0.00	26.77 1.29 0.00	28.37 1.37 0.00	29.76 1.43 0.00	32.11 1.58 0.00	36.72 1.75 0.00	46.83 2.13 0.00	33.31 1.53 0.00	29.57 1.21 0.00	27.66 1.03 0.00	31.68 1.23 0.00	27.41 1.05 0.00	27.17 1.30 0.00	27.88 1.32 0.00	29.13 1.46 0.00	34.40 1.80 0.00	35.69 1.95 0.00	50.75 2.93 0.00	67.87 3.75 0.00	60.14 3.14 0.00	60.97 3.27 0.00	56.73 2.73 0.00	32.25 1.48 0.00
KCE_NY_6_ESR 323823	25.65 -1.61 0.00	23.66 -1.36 0.00	23.69 -1.80 0.00	25.09 -1.91 0.00	26.53 -1.80 0.00	28.66 -1.87 0.00	32.84 -2.13 0.00	41.95 -2.75 0.00	30.30 -1.48 0.00	26.82 -1.23 0.30	25.69 -0.93 0.00	29.21 -1.24 0.00	24.53 -1.25 0.58	23.85 -1.22 0.80	24.90 -1.19 0.47	25.64 -1.43 0.60	30.21 -1.58 0.82	31.67 -2.07 0.00	44.76 -3.06 0.00	60.37 -3.75 0.00	53.56 -3.44 0.00	53.73 -3.97 0.00	51.21 -2.78 0.00	29.62 -1.16 0.00
KEDC_PORT_JEFF_GT2 24210	29.48 2.20 -0.01	27.09 2.08 0.00	27.53 2.05 0.00	29.15 2.15 0.00	30.46 2.14 0.00	33.02 2.48 0.00	37.62 2.65 0.00	48.01 3.31 0.00	34.16 2.38 0.00	31.22 2.42 -0.44	35.32 2.28 -6.40	35.58 2.65 -2.48	31.56 2.52 -2.68	35.32 2.73 -6.72	34.87 2.77 -5.55	35.65 2.94 -5.04	40.03 3.18 -4.25	42.80 3.51 -5.55	59.11 4.68 -6.61	72.54 5.75 -2.66	71.08 5.32 -8.75	131.43 5.48 -68.25	58.72 4.72 0.00	33.56 2.79 0.00
KEDC_PORT_JEFF_GT3 24211	29.48 2.20 -0.01	27.09 2.08 0.00	27.53 2.05 0.00	29.15 2.15 0.00	30.46 2.14 0.00	33.02 2.48 0.00	37.62 2.65 0.00	48.01 3.31 0.00	34.16 2.38 0.00	31.22 2.42 -0.44	35.32 2.28 -6.40	35.58 2.65 -2.48	31.56 2.52 -2.68	35.32 2.73 -6.72	34.87 2.77 -5.55	35.65 2.94 -5.04	40.03 3.18 -4.25	42.80 3.51 -5.55	59.11 4.68 -6.61	72.54 5.75 -2.66	71.08 5.32 -8.75	131.43 5.48 -68.25	58.72 4.72 0.00	33.56 2.79 0.00
KEDC_GLWD_GT4 24219	29.09 1.83 0.00	26.72 1.70 0.00	27.15 1.67 0.00	28.76 1.77 0.00	30.08 1.75 0.00	32.56 2.02 0.00	37.16 2.18 0.00	47.56 2.86 0.00	33.93 2.16 0.00	32.87 2.15 -2.36	48.36 2.02 -19.72	48.05 2.48 -15.11	43.67 2.40 -14.90	67.01 2.63 -38.50	90.72 2.72 -61.45	54.28 2.90 -23.71	59.67 3.24 -23.83	65.72 3.31 -28.68	86.26 4.45 -33.99	83.36 5.53 -13.71	99.16 4.94 -37.22	199.27 4.90 -136.67	58.26 4.26 0.00	33.19 2.41 -0.01
KEDC_GLWD_GT5 24220	29.09 1.83 0.00	26.72 1.70 0.00	27.15 1.67 0.00	28.76 1.77 0.00	30.08 1.75 0.00	32.56 2.02 0.00	37.16 2.18 0.00	47.56 2.86 0.00	33.93 2.16 0.00	32.87 2.15 -2.36	48.36 2.02 -19.72	48.05 2.48 -15.11	43.67 2.40 -14.90	67.01 2.63 -38.50	90.72 2.72 -61.45	54.28 2.90 -23.71	59.67 3.24 -23.83	65.72 3.31 -28.68	86.26 4.45 -33.99	83.36 5.53 -13.71	99.16 4.94 -37.22	199.27 4.90 -136.67	58.26 4.26 0.00	33.19 2.41 -0.01
KENSICO____ 23655	28.89 1.62 0.00	26.51 1.49 0.00	26.95 1.47 0.00	28.56 1.56 0.00	29.86 1.54 0.00	32.30 1.77 0.00	36.90 1.92 0.00	47.26 2.55 0.00	33.71 1.93 0.00	30.24 1.89 0.00	31.92 1.77 -3.52	32.92 2.13 -0.34	28.47 2.11 0.00	29.68 2.30 -1.51	28.95 2.39 0.00	30.28 2.60 0.00	35.56 2.96 0.00	36.81 3.08 0.00	51.95 4.13 0.00	69.29 5.16 0.00	61.54 4.53 0.00	62.08 4.38 0.00	57.76 3.77 0.00	32.84 2.07 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.96 1.70 0.00	26.55 1.53 0.00	27.00 1.52 0.00	28.62 1.62 0.00	29.96 1.63 0.00	32.39 1.85 0.00	37.04 2.07 0.00	47.43 2.73 0.00	33.79 2.02 0.00	30.22 1.86 0.00	27.17 1.70 1.16	32.35 2.01 0.11	28.32 1.96 0.00	27.56 2.18 0.50	28.79 2.24 0.00	30.10 2.43 0.00	35.45 2.85 0.00	36.75 3.02 0.00	52.12 4.30 0.00	69.63 5.51 0.00	61.95 4.95 0.00	62.48 4.78 0.00	58.11 4.12 0.00	32.98 2.21 0.00

KIAC_JFK_GT1 23816	28.86 1.59 0.00	26.47 1.45 0.00	26.91 1.42 0.00	28.49 1.50 0.00	29.72 1.40 0.00	32.13 1.59 0.00	36.60 1.62 0.00	46.97 2.26 0.00	33.51 1.74 0.00	30.11 1.75 0.00	31.77 1.77 -3.37	32.96 2.10 -0.41	28.56 2.20 0.00	30.73 2.34 -2.52	34.70 2.37 -5.78	30.28 2.61 0.00	35.45 2.85 0.00	36.63 2.89 0.00	51.56 3.74 0.00	68.82 4.69 0.00	61.07 4.06 0.00	61.57 3.87 0.00	57.48 3.48 0.00	32.84 2.07 0.00
KIAC_JFK_GT2 23817	28.86 1.59 0.00	26.47 1.45 0.00	26.91 1.42 0.00	28.49 1.50 0.00	29.72 1.40 0.00	32.13 1.59 0.00	36.60 1.62 0.00	46.97 2.26 0.00	33.51 1.74 0.00	30.11 1.75 0.00	31.77 1.77 -3.37	32.96 2.10 -0.41	28.56 2.20 0.00	30.73 2.34 -2.52	34.70 2.37 -5.78	30.28 2.61 0.00	35.45 2.85 0.00	36.63 2.89 0.00	51.56 3.74 0.00	68.82 4.69 0.00	61.07 4.06 0.00	61.57 3.87 0.00	57.48 3.48 0.00	32.84 2.07 0.00
KIAC_JFK____ 323774	28.85 1.59 0.00	26.47 1.45 0.00	26.90 1.42 0.00	28.50 1.50 0.00	29.72 1.40 0.00	32.12 1.59 0.00	36.60 1.62 0.00	46.96 2.26 0.00	33.51 1.74 0.00	30.12 1.77 0.00	31.76 1.76 -3.37	32.98 2.12 -0.41	28.52 2.16 0.00	30.77 2.38 -2.52	34.76 2.44 -5.78	30.28 2.61 0.00	35.45 2.85 0.00	36.63 2.90 0.00	51.56 3.74 0.00	68.82 4.69 0.00	61.07 4.07 0.00	61.57 3.88 0.00	57.48 3.48 0.00	32.84 2.07 0.00
KINTIGH__24_KV_GSU 356498	25.66 -1.60 0.00	23.69 -1.33 0.00	23.78 -1.70 0.00	25.18 -1.81 0.00	26.64 -1.69 0.00	28.75 -1.79 0.00	32.92 -2.06 0.00	42.06 -2.65 0.00	30.36 -1.42 0.00	27.10 -1.09 0.17	25.77 -0.86 0.00	29.32 -1.13 0.00	24.84 -1.24 0.29	24.28 -1.19 0.40	25.07 -1.25 0.23	25.95 -1.43 0.30	30.52 -1.67 0.41	31.61 -2.12 0.00	44.67 -3.15 0.00	60.13 -3.99 0.00	53.37 -3.64 0.00	53.59 -4.11 0.00	51.01 -2.99 0.00	29.45 -1.32 0.00
KINTIGH____ 23543	25.64 -1.62 0.00	23.67 -1.35 0.00	23.76 -1.73 0.00	25.16 -1.83 0.00	26.62 -1.71 0.00	28.72 -1.82 0.00	32.89 -2.08 0.00	42.01 -2.69 0.00	30.33 -1.44 0.00	27.07 -1.11 0.17	25.75 -0.88 0.00	29.29 -1.16 0.00	24.82 -1.25 0.29	24.26 -1.22 0.40	25.05 -1.27 0.23	25.93 -1.45 0.30	30.49 -1.71 0.41	31.58 -2.15 0.00	44.63 -3.19 0.00	60.09 -4.03 0.00	53.32 -3.69 0.00	53.55 -4.15 0.00	50.96 -3.04 0.00	29.42 -1.35 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	26.86 -0.40 0.00	20.31 -0.67 4.04	-21.76 -0.89 46.36	-21.47 -0.98 47.48	-21.80 -0.90 49.23	-0.41 -0.91 30.05	34.39 -0.58 0.00	44.59 -0.11 0.00	31.66 -0.12 0.00	28.46 0.10 0.00	26.57 -0.06 0.00	29.88 -0.57 0.00	25.51 -0.85 0.00	24.63 -1.08 0.16	2.63 -1.19 22.74	-13.93 -1.26 40.34	18.27 -1.39 12.95	32.40 -1.33 0.00	46.14 -1.67 0.00	62.44 -1.68 0.00	56.04 -0.97 0.00	57.28 -0.42 0.00	53.46 -0.54 0.00	30.45 -0.32 0.00
LACHUTE____HYDRO 323717	29.61 2.34 0.00	27.18 2.17 0.00	27.85 2.36 0.00	29.56 2.56 0.00	30.97 2.64 0.00	33.34 2.81 0.00	38.10 3.13 0.00	48.39 3.69 0.00	34.56 2.78 0.00	30.55 2.19 0.00	28.57 1.94 0.00	32.56 2.11 0.00	28.06 1.70 0.00	27.50 1.63 0.00	28.48 1.93 0.00	30.22 2.55 0.00	35.55 2.95 0.00	37.21 3.48 0.00	52.92 5.10 0.00	70.89 6.76 0.00	62.97 5.97 0.00	64.16 6.46 0.00	59.37 5.38 0.00	33.27 2.50 0.00
LAWRNCALV_115KV_TB1 80681	26.51 -0.76 0.00	24.76 -0.79 -0.54	30.82 -0.83 -6.16	19.75 -0.90 6.35	34.08 -0.80 -6.54	33.72 -0.81 -4.00	34.30 -0.67 0.00	44.12 -0.58 0.00	31.18 -0.59 0.00	27.73 -0.62 0.00	25.91 -0.72 0.00	29.44 -1.02 0.00	25.28 -1.08 0.00	24.42 -1.32 0.13	6.19 -1.43 18.93	-8.77 -1.44 35.00	28.70 -1.63 2.28	32.08 -1.65 0.00	45.64 -2.32 -0.14	61.96 -2.16 0.00	55.43 -1.57 0.00	56.82 -0.88 0.00	53.15 -0.84 0.00	30.08 -0.69 0.00
LEDERLE____ 23769	28.88 1.62 0.00	26.50 1.48 0.00	26.92 1.44 0.00	28.54 1.55 0.00	29.88 1.55 0.00	32.32 1.78 0.00	36.91 1.94 0.00	47.27 2.56 0.00	33.69 1.91 0.00	30.22 1.86 0.00	22.77 1.76 5.62	32.03 2.11 0.54	28.46 2.10 0.00	25.77 2.30 2.41	28.97 2.41 0.00	30.32 2.64 0.00	35.62 3.02 0.00	36.89 3.16 0.00	52.09 4.27 0.00	69.44 5.31 0.00	61.73 4.72 0.00	62.25 4.55 0.00	57.85 3.85 0.00	32.86 2.09 0.00
LIGHTHSE_115KV_TB6 355974	26.35 -0.91 0.00	24.09 -0.93 0.00	24.48 -1.00 0.00	25.02 -1.06 0.92	27.19 -1.14 0.00	29.41 -1.13 0.00	33.73 -1.24 0.00	43.14 -1.56 0.00	30.66 -1.12 0.00	27.29 -1.06 0.00	25.46 -1.17 0.00	29.22 -1.23 0.00	25.39 -0.97 0.00	24.84 -1.03 0.01	23.82 -1.18 1.56	22.12 -1.38 4.17	30.68 -1.66 0.26	32.08 -1.65 0.00	46.97 -1.91 -1.06	62.55 -1.57 0.00	55.78 -1.23 0.00	56.38 -1.32 0.00	52.80 -1.20 0.00	30.14 -0.63 0.00
LINDEN COGEN____ 23786	28.90 1.64 0.00	26.52 1.50 0.00	26.94 1.46 0.00	28.54 1.55 0.00	29.84 1.51 0.00	32.29 1.75 0.00	36.89 1.92 0.00	47.28 2.57 0.00	33.74 1.96 0.00	30.30 1.95 0.00	31.83 1.83 -3.37	32.99 2.22 -0.32	28.58 2.22 0.00	29.78 2.46 -1.44	29.11 2.56 0.00	30.46 2.79 0.00	35.76 3.16 0.00	36.98 3.25 0.00	52.13 4.31 0.00	69.49 5.36 0.00	61.69 4.69 0.00	62.19 4.49 0.00	57.86 3.87 0.00	32.92 2.15 0.00
LINDHRST_69_KV_BK1 356055	29.37 2.11 0.00	26.98 1.96 0.00	27.41 1.92 0.00	29.02 2.03 0.00	30.33 2.01 0.00	32.88 2.34 0.00	37.47 2.50 0.00	47.91 3.21 0.00	34.14 2.37 0.00	31.77 2.38 -1.04	39.45 2.30 -10.53	39.61 2.70 -6.46	35.38 2.54 -6.48	45.08 2.72 -16.49	51.35 2.75 -22.05	41.27 2.88 -10.71	45.61 3.11 -9.89	49.05 3.37 -11.95	66.55 4.62 -14.10	75.50 5.69 -5.69	78.65 5.29 -16.35	144.85 5.46 -81.69	58.57 4.58 0.00	33.50 2.73 0.00
LIPA_MISC_IPP 23656	29.47 2.20 -0.01	27.10 2.08 0.00	27.53 2.05 0.00	29.16 2.17 0.00	30.46 2.13 0.00	33.01 2.48 0.00	37.62 2.65 0.00	47.96 3.26 0.00	34.11 2.33 0.00	31.15 2.37 -0.42	35.14 2.22 -6.29	35.38 2.56 -2.37	31.39 2.45 -2.57	34.97 2.65 -6.45	34.36 2.71 -5.10	35.41 2.85 -4.89	39.76 3.08 -4.07	42.54 3.46 -5.35	58.95 4.76 -6.37	72.60 5.91 -2.57	71.01 5.49 -8.51	131.11 5.61 -67.80	58.70 4.70 0.00	33.57 2.80 0.00
LISF____SOLAR 323691	29.52 2.24 -0.01	27.14 2.12 0.00	27.57 2.09 0.00	29.19 2.19 0.00	30.50 2.18 0.00	33.07 2.53 0.00	37.68 2.70 0.00	48.03 3.33 0.00	34.15 2.37 0.00	31.20 2.41 -0.43	35.20 2.24 -6.33	35.45 2.58 -2.41	31.43 2.46 -2.61	35.09 2.67 -6.55	34.53 2.72 -5.26	35.49 2.87 -4.95	39.86 3.12 -4.14	42.68 3.52 -5.43	59.13 4.85 -6.46	72.77 6.05 -2.60	71.22 5.61 -8.60	131.39 5.73 -67.96	58.78 4.78 0.00	33.61 2.84 0.00
LITTLE FALLS____HYD 24013	26.77 -0.50 0.00	24.58 -0.44 0.00	25.12 -0.36 0.00	27.38 -0.24 -0.62	27.95 -0.37 0.00	30.16 -0.38 0.00	34.62 -0.35 0.00	44.31 -0.39 0.00	31.16 -0.62 0.00	27.41 -0.94 0.00	25.54 -1.09 0.00	29.46 -1.00 0.00	25.53 -0.83 0.00	25.14 -0.74 -0.01	26.92 -0.75 -1.12	29.42 -0.66 -2.41	31.95 -0.69 -0.04	33.24 -0.49 0.00	47.53 0.15 0.00	64.27 0.10 0.00	57.11 0.10 0.00	57.57 -0.12 0.00	53.69 -0.31 0.00	30.50 -0.27 0.00

LITTLRIV_115KV_TB1 356100	26.90 -0.36 0.00	25.18 -0.43 -0.59	31.82 -0.46 -6.79	20.85 -0.51 5.64	35.17 -0.37 -7.21	34.62 -0.31 -4.40	34.91 -0.06 0.00	44.89 0.19 0.00	31.67 -0.11 0.00	28.11 -0.24 0.00	26.15 -0.48 0.00	29.59 -0.86 0.00	25.42 -0.94 0.00	24.56 -1.18 0.13	6.70 -1.34 18.52	-8.05 -1.31 34.41	28.68 -1.47 2.45	32.25 -1.49 0.00	45.98 -1.99 -0.15	62.84 -1.28 0.00	56.33 -0.68 0.00	57.70 0.00 0.00	53.94 -0.05 0.00	30.49 -0.28 0.00
LI_NEWBRDGE___DRP 323616	28.93 1.67 0.00	26.58 1.56 0.00	27.03 1.54 0.00	28.63 1.63 0.00	29.92 1.60 0.00	32.41 1.87 0.00	36.94 1.97 0.00	47.24 2.54 0.00	33.66 1.89 0.00	30.40 1.94 -0.10	32.62 1.94 -4.05	32.93 2.28 -0.20	29.06 2.20 -0.50	29.27 2.41 -0.98	24.33 2.46 4.68	32.04 2.59 -1.78	36.03 2.79 -0.64	38.00 2.99 -1.27	53.38 4.04 -1.52	69.70 4.96 -0.61	65.20 4.60 -3.60	121.75 4.70 -59.35	57.82 3.82 0.00	33.02 2.25 0.01
LOCKPORT_115KV_TB60_63_64 80432	25.42 -1.84 0.00	23.47 -1.55 0.00	23.51 -1.98 0.00	24.88 -2.11 0.00	26.33 -2.00 0.00	28.42 -2.11 0.00	32.44 -2.53 0.00	41.42 -3.28 0.00	30.01 -1.77 0.00	26.75 -1.38 0.23	25.47 -1.16 0.00	28.92 -1.54 0.00	24.36 -1.58 0.42	23.79 -1.51 0.58	24.61 -1.61 0.34	25.42 -1.82 0.43	29.93 -2.09 0.59	31.02 -2.72 0.00	43.75 -4.07 0.00	59.10 -5.02 0.00	52.51 -4.49 0.00	52.67 -5.03 0.00	50.45 -3.54 0.00	29.24 -1.53 0.00
LOCKPORT___CC1 323769	25.41 -1.86 0.00	23.45 -1.57 0.00	23.48 -2.00 0.00	24.86 -2.14 0.00	26.30 -2.03 0.00	28.39 -2.14 0.00	32.43 -2.55 0.00	41.40 -3.30 0.00	29.98 -1.80 0.00	26.66 -1.45 0.24	25.47 -1.16 0.00	28.88 -1.58 0.00	24.36 -1.55 0.45	23.72 -1.54 0.62	24.62 -1.57 0.36	25.39 -1.82 0.46	29.89 -2.08 0.63	31.03 -2.70 0.00	43.78 -4.04 0.00	59.11 -5.01 0.00	52.52 -4.49 0.00	52.65 -5.05 0.00	50.44 -3.56 0.00	29.23 -1.54 0.00
LOCKPORT___CC2 323770	25.41 -1.86 0.00	23.45 -1.57 0.00	23.48 -2.00 0.00	24.86 -2.14 0.00	26.30 -2.03 0.00	28.39 -2.14 0.00	32.43 -2.55 0.00	41.40 -3.30 0.00	29.98 -1.80 0.00	26.66 -1.45 0.24	25.47 -1.16 0.00	28.88 -1.58 0.00	24.36 -1.55 0.45	23.72 -1.54 0.62	24.62 -1.57 0.36	25.39 -1.82 0.46	29.89 -2.08 0.63	31.03 -2.70 0.00	43.78 -4.04 0.00	59.11 -5.01 0.00	52.52 -4.49 0.00	52.65 -5.05 0.00	50.44 -3.56 0.00	29.23 -1.54 0.00
LOCKPORT___CC3 323771	25.41 -1.86 0.00	23.45 -1.57 0.00	23.48 -2.00 0.00	24.86 -2.14 0.00	26.30 -2.03 0.00	28.39 -2.14 0.00	32.43 -2.55 0.00	41.40 -3.30 0.00	29.98 -1.80 0.00	26.66 -1.45 0.24	25.47 -1.16 0.00	28.88 -1.58 0.00	24.36 -1.55 0.45	23.72 -1.54 0.62	24.62 -1.57 0.36	25.39 -1.82 0.46	29.89 -2.08 0.63	31.03 -2.70 0.00	43.78 -4.04 0.00	59.11 -5.01 0.00	52.52 -4.49 0.00	52.65 -5.05 0.00	50.44 -3.56 0.00	29.23 -1.54 0.00
LOCUSVLY_69_KV_BK2 55797	29.16 1.90 0.00	26.78 1.76 0.00	27.22 1.73 0.00	28.83 1.83 0.00	30.14 1.81 0.00	32.63 2.10 0.00	37.23 2.26 0.00	47.65 2.94 0.00	33.98 2.21 0.00	32.46 2.22 -1.88	45.19 2.16 -16.40	44.98 2.57 -11.96	40.69 2.47 -11.86	58.99 2.69 -30.42	75.89 2.78 -46.56	49.67 2.95 -19.05	54.90 3.29 -19.01	60.20 3.46 -23.00	79.76 4.66 -27.28	80.88 5.76 -11.00	92.41 5.20 -30.20	181.65 5.19 -118.77	58.38 4.39 0.00	33.29 2.52 -0.01
LONG_LAKE_PHOENIX 24014	26.56 -0.70 0.00	24.37 -0.65 0.00	24.81 -0.68 0.00	26.28 -0.72 0.00	27.54 -0.79 0.00	29.73 -0.81 0.00	34.01 -0.96 0.00	43.41 -1.29 0.00	30.82 -0.96 0.00	27.42 -0.93 0.00	25.75 -0.88 0.00	29.55 -0.91 0.00	25.63 -0.72 0.00	25.25 -0.63 0.00	25.87 -0.68 0.00	26.50 -0.83 0.34	31.63 -0.97 0.00	32.72 -1.01 0.00	47.88 -1.45 -1.51	62.31 -1.82 0.00	55.39 -1.61 0.00	55.90 -1.81 0.00	52.38 -1.62 0.00	30.02 -0.75 0.00
LOVETT___3 23632	28.75 1.49 0.00	26.39 1.37 0.00	26.82 1.34 0.00	28.43 1.43 0.00	29.75 1.42 0.00	32.17 1.64 0.00	36.73 1.76 0.00	47.02 2.32 0.00	33.51 1.74 0.00	30.05 1.69 0.00	22.27 1.60 5.96	31.81 1.93 0.57	28.30 1.94 0.00	25.45 2.13 2.55	28.78 2.23 0.00	30.11 2.44 0.00	35.37 2.77 0.00	36.63 2.89 0.00	51.72 3.90 0.00	68.96 4.84 0.00	61.30 4.29 0.00	61.83 4.13 0.00	57.51 3.51 0.00	32.68 1.91 0.00
LOVETT___4 23642	28.75 1.49 0.00	26.39 1.37 0.00	26.82 1.34 0.00	28.43 1.43 0.00	29.75 1.42 0.00	32.17 1.64 0.00	36.73 1.76 0.00	47.02 2.32 0.00	33.51 1.74 0.00	30.05 1.69 0.00	22.27 1.60 5.96	31.81 1.93 0.57	28.30 1.94 0.00	25.45 2.13 2.55	28.78 2.23 0.00	30.11 2.44 0.00	35.37 2.77 0.00	36.63 2.89 0.00	51.72 3.90 0.00	68.96 4.84 0.00	61.30 4.29 0.00	61.83 4.13 0.00	57.51 3.51 0.00	32.68 1.91 0.00
LOVETT___5 23593	28.75 1.49 0.00	26.39 1.37 0.00	26.82 1.34 0.00	28.43 1.43 0.00	29.75 1.42 0.00	32.17 1.64 0.00	36.73 1.76 0.00	47.02 2.32 0.00	33.51 1.74 0.00	30.05 1.69 0.00	22.27 1.60 5.96	31.81 1.93 0.57	28.30 1.94 0.00	25.45 2.13 2.55	28.78 2.23 0.00	30.11 2.44 0.00	35.37 2.77 0.00	36.63 2.89 0.00	51.72 3.90 0.00	68.96 4.84 0.00	61.30 4.29 0.00	61.83 4.13 0.00	57.51 3.51 0.00	32.68 1.91 0.00
LOWER RAQUET___HYD 24057	26.32 -0.94 0.00	24.68 -0.98 -0.64	31.84 -1.02 -7.38	20.92 -1.10 4.97	35.16 -1.01 -7.84	34.29 -1.03 -4.78	34.08 -0.89 0.00	43.84 -0.86 0.00	30.97 -0.81 0.00	27.54 -0.82 0.00	25.70 -0.93 0.00	29.18 -1.27 0.00	25.07 -1.29 0.00	24.21 -1.54 0.13	6.76 -1.66 18.12	-7.89 -1.70 33.86	28.07 -1.93 2.60	31.79 -1.94 0.00	45.28 -2.69 -0.16	61.59 -2.54 0.00	55.15 -1.86 0.00	56.51 -1.19 0.00	52.85 -1.14 0.00	29.89 -0.88 0.00
LOWER___HUDSON 24059	28.18 0.92 0.00	25.88 0.86 0.00	26.45 0.97 0.00	28.02 1.02 0.00	29.34 1.01 0.00	31.66 1.12 0.00	36.18 1.21 0.00	46.17 1.47 0.00	32.89 1.11 0.00	29.29 0.94 0.00	27.43 0.80 0.00	31.36 0.91 0.00	27.18 0.82 0.00	26.80 0.93 0.00	27.49 0.94 0.00	28.72 1.04 0.00	33.84 1.24 0.00	35.09 1.35 0.00	49.82 2.00 0.00	66.57 2.44 0.00	59.04 2.03 0.00	59.87 2.17 0.00	55.77 1.78 0.00	31.71 0.94 0.00
LOWVILLE_115KV_TB2 356335	26.31 -0.95 0.00	24.05 -1.16 -0.18	26.31 -1.28 -2.10	24.67 -1.32 1.01	29.23 -1.33 -2.23	30.67 -1.23 -1.36	33.70 -1.28 0.00	43.11 -1.59 0.00	30.52 -1.25 0.00	27.25 -1.10 0.00	25.47 -1.16 0.00	28.97 -1.48 0.00	25.23 -1.13 0.00	24.49 -1.35 0.03	20.62 -1.50 4.43	27.25 -1.81 -1.40	29.67 -2.21 0.72	31.68 -2.05 0.00	46.28 -1.89 -0.34	63.77 -0.36 0.00	57.15 0.15 0.00	57.64 -0.06 0.00	53.89 -0.11 0.00	30.46 -0.31 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.54 1.28 0.00	26.20 1.18 0.00	26.76 1.28 0.00	28.35 1.35 0.00	29.73 1.40 0.00	32.07 1.53 0.00	36.69 1.72 0.00	46.82 2.12 0.00	33.30 1.53 0.00	29.58 1.22 0.00	27.67 1.04 0.00	31.66 1.20 0.00	27.41 1.05 0.00	27.09 1.22 0.00	27.85 1.30 0.00	29.12 1.45 0.00	34.37 1.77 0.00	35.66 1.93 0.00	50.68 2.86 0.00	67.83 3.71 0.00	60.15 3.14 0.00	60.94 3.24 0.00	56.74 2.75 0.00	32.23 1.46 0.00

LUTHERNY_35_KV_BK2 355980	28.55 1.28 0.00	26.19 1.17 0.00	26.78 1.29 0.00	28.37 1.36 0.00	29.76 1.44 0.00	32.11 1.58 0.00	36.72 1.75 0.00	46.84 2.13 0.00	33.31 1.53 0.00	29.57 1.21 0.00	27.66 1.03 0.00	31.68 1.23 0.00	27.41 1.05 0.00	27.17 1.30 0.00	27.88 1.32 0.00	29.13 1.46 0.00	34.40 1.80 0.00	35.68 1.95 0.00	50.75 2.93 0.00	67.87 3.75 0.00	60.14 3.14 0.00	60.97 3.27 0.00	56.73 2.73 0.00	32.25 1.48 0.00
LWR___OSWEGATCHIE_HYD 23850	25.97 -1.29 0.00	24.08 -1.37 -0.44	29.03 -1.46 -5.01	22.24 -1.54 3.22	32.12 -1.52 -5.32	32.28 -1.50 -3.25	33.52 -1.45 0.00	43.00 -1.70 0.00	30.42 -1.36 0.00	27.08 -1.27 0.00	25.22 -1.41 0.00	28.72 -1.73 0.00	24.83 -1.53 0.00	24.02 -1.77 0.08	12.61 -1.93 12.01	0.28 -2.12 25.27	28.34 -2.50 1.76	31.26 -2.47 0.00	45.20 -2.91 -0.30	61.94 -2.18 0.00	55.57 -1.44 0.00	56.50 -1.20 0.00	52.81 -1.19 0.00	29.86 -0.91 0.00
LYONS_FALL_HYD 23570	26.81 -0.45 0.00	24.55 -0.59 -0.12	26.21 -0.67 -1.40	25.89 -0.69 0.42	29.11 -0.69 -1.48	30.83 -0.61 -0.90	34.40 -0.58 0.00	43.96 -0.74 0.00	31.16 -0.61 0.00	27.81 -0.54 0.00	26.04 -0.59 0.00	29.68 -0.77 0.00	25.79 -0.57 0.00	25.15 -0.70 0.02	23.26 -0.79 2.50	22.37 -0.96 4.34	30.92 -1.22 0.46	32.68 -1.05 0.00	47.27 -0.82 -0.26	64.38 0.26 0.00	57.51 0.50 0.00	58.02 0.32 0.00	54.24 0.24 0.00	30.76 -0.02 0.00
MADISON___COUNTY_LFGE 323628	27.54 0.28 0.00	25.23 0.21 0.00	25.66 0.18 0.00	27.21 0.21 0.00	28.55 0.22 0.00	30.83 0.29 0.00	35.40 0.43 0.00	45.20 0.50 0.00	32.01 0.23 0.00	28.55 0.19 0.00	26.79 0.16 0.00	30.64 0.19 0.00	26.57 0.21 0.00	26.06 0.19 0.00	26.75 0.20 0.00	28.77 0.16 -0.94	32.72 0.12 0.00	34.03 0.30 0.00	48.91 0.77 -0.32	65.44 1.32 0.00	58.24 1.24 0.00	58.71 1.02 0.00	54.86 0.87 0.00	31.27 0.49 0.00
MALONE___115KV_TB1 356076	26.65 -0.61 0.00	26.99 -0.82 -2.79	56.59 -0.95 -32.05	37.59 -1.03 -11.61	61.43 -0.94 -34.04	50.37 -0.94 -20.77	34.33 -0.64 0.00	44.47 -0.24 0.00	31.46 -0.31 0.00	28.05 -0.31 0.00	26.13 -0.50 0.00	29.58 -0.88 0.00	25.30 -1.06 0.00	24.46 -1.26 0.15	3.82 -1.41 21.32	-12.14 -1.46 38.35	21.23 -1.60 9.77	32.13 -1.60 0.00	45.72 -2.10 0.00	62.03 -2.09 0.00	55.65 -1.35 0.00	56.90 -0.80 0.00	53.16 -0.83 0.00	30.21 -0.56 0.00
MAPLEWOD_115KV_TB3 80458	28.09 0.82 0.00	25.80 0.78 0.00	26.34 0.86 0.00	27.88 0.89 0.00	29.20 0.88 0.00	31.51 0.98 0.00	35.99 1.02 0.00	45.97 1.27 0.00	32.74 0.97 0.00	29.18 0.83 0.00	27.35 0.72 0.00	31.31 0.86 0.00	27.15 0.79 0.00	26.77 0.90 0.00	27.54 0.98 0.00	28.76 1.08 0.00	33.84 1.24 0.00	35.04 1.30 0.00	49.71 1.89 0.00	66.45 2.32 0.00	58.96 1.95 0.00	59.71 2.01 0.00	55.64 1.65 0.00	31.70 0.92 0.00
MAPLE_RIDGE_WT_1 323574	26.49 -0.77 0.00	24.20 -0.82 0.00	24.69 -0.80 0.00	4.54 -0.79 21.66	27.62 -0.71 0.00	29.76 -0.78 0.00	34.18 -0.79 0.00	43.71 -1.00 0.00	31.01 -0.76 0.00	27.73 -0.62 0.00	26.08 -0.55 0.00	29.83 -0.63 0.00	25.85 -0.51 0.00	24.80 -0.80 0.27	-12.06 -0.80 37.81	-39.00 -0.78 65.90	30.28 -0.97 1.36	32.81 -0.92 0.00	46.73 -1.09 0.00	63.11 -1.01 0.00	56.23 -0.78 0.00	57.18 -0.52 0.00	53.50 -0.50 0.00	30.39 -0.38 0.00
MAPLE_RIDGE_WT_2 323611	26.49 -0.77 0.00	24.20 -0.82 0.00	24.69 -0.80 0.00	4.54 -0.79 21.66	27.62 -0.71 0.00	29.76 -0.78 0.00	34.18 -0.79 0.00	43.71 -1.00 0.00	31.01 -0.76 0.00	27.73 -0.62 0.00	26.08 -0.55 0.00	29.83 -0.63 0.00	25.85 -0.51 0.00	24.80 -0.80 0.27	-12.06 -0.80 37.81	-39.00 -0.78 65.90	30.28 -0.97 1.36	32.81 -0.92 0.00	46.73 -1.09 0.00	63.11 -1.01 0.00	56.23 -0.78 0.00	57.18 -0.52 0.00	53.50 -0.50 0.00	30.39 -0.38 0.00
MARBLE_RIVER_WT_PWR 323696	26.57 -0.69 0.00	20.15 -0.91 3.96	-21.00 -1.04 45.45	-21.00 -1.13 46.87	-21.00 -1.06 48.27	-0.03 -1.11 29.46	34.07 -0.91 0.00	44.11 -0.59 0.00	31.22 -0.55 0.00	27.81 -0.55 0.00	26.06 -0.57 0.00	29.57 -0.89 0.00	25.29 -1.07 0.00	24.44 -1.27 0.16	2.30 -1.40 22.85	-14.28 -1.45 40.51	17.82 -1.58 13.21	32.16 -1.58 0.00	45.77 -2.05 0.00	61.84 -2.28 0.00	55.43 -1.58 0.00	56.62 -1.09 0.00	52.93 -1.07 0.00	30.17 -0.60 0.00
MARSHVLE_115KV_TB1 80742	28.66 1.40 0.00	26.29 1.27 0.00	26.77 1.28 0.00	28.38 1.38 0.00	29.82 1.49 0.00	32.19 1.66 0.00	37.06 2.09 0.00	47.43 2.72 0.00	33.34 1.57 0.00	29.35 0.99 0.00	27.52 0.90 0.00	31.69 1.24 0.00	27.35 0.99 0.00	26.81 0.94 0.00	27.41 0.86 0.00	28.38 0.72 0.00	33.88 1.27 0.00	35.19 1.45 0.00	50.12 2.30 0.00	67.98 3.85 0.00	60.59 3.58 0.00	61.37 3.67 0.00	57.54 3.55 0.00	32.77 2.00 0.00
MARSH_HILL_WT_PWR 323713	26.07 -1.19 0.00	23.96 -1.06 0.00	24.12 -1.36 0.00	25.24 -1.76 0.00	26.45 -1.88 0.00	28.48 -2.05 0.00	32.70 -2.27 0.00	41.77 -2.93 0.00	29.62 -2.15 0.00	26.88 -2.31 -0.84	24.61 -2.02 -0.01	28.26 -2.19 0.00	26.26 -1.98 -1.87	26.65 -1.82 -2.60	26.28 -1.80 -1.52	27.51 -2.09 -1.93	33.51 -1.75 -2.65	32.44 -1.30 0.00	46.15 -1.85 -0.18	62.37 -1.76 0.00	55.15 -1.85 0.00	55.04 -2.66 0.00	51.90 -2.09 0.00	30.11 -0.66 0.00
MCINTYRE_115KV_TB2 80467	27.29 0.02 0.00	25.47 -0.06 -0.51	31.25 -0.08 -5.84	20.18 -0.11 6.71	34.59 0.06 -6.20	34.47 0.15 -3.79	35.45 0.48 0.00	45.56 0.86 0.00	32.11 0.33 0.00	28.48 0.12 0.00	26.46 -0.17 0.00	29.95 -0.50 0.00	25.71 -0.65 0.00	24.83 -0.90 0.13	6.38 -1.03 19.14	-8.58 -0.96 35.29	29.33 -1.08 2.19	32.64 -1.09 0.00	46.46 -1.50 -0.13	63.59 -0.54 0.00	57.04 0.04 0.00	58.44 0.74 0.00	54.63 0.64 0.00	30.87 0.10 0.00
MECO_____69_KV_BK1 80468	28.95 1.68 0.00	26.55 1.53 0.00	27.03 1.54 0.00	28.65 1.65 0.00	30.10 1.77 0.00	32.51 1.98 0.00	37.42 2.45 0.00	47.88 3.18 0.00	33.57 1.79 0.00	29.17 0.82 0.00	27.25 0.62 0.00	31.46 1.01 0.00	27.28 0.91 0.00	26.78 0.91 0.00	27.39 0.84 0.00	28.32 0.65 0.00	33.94 1.34 0.00	35.47 1.74 0.00	50.52 2.70 0.00	68.80 4.68 0.00	61.40 4.39 0.00	62.13 4.44 0.00	58.04 4.05 0.00	33.00 2.23 0.00
MENANDS___115KV_TB5 355628	27.97 0.71 0.00	25.68 0.67 0.00	26.24 0.75 0.00	27.77 0.77 0.00	29.09 0.76 0.00	31.37 0.83 0.00	35.81 0.84 0.00	45.70 1.00 0.00	32.57 0.80 0.00	29.06 0.70 0.00	27.25 0.62 0.00	31.19 0.74 0.00	27.06 0.70 0.00	26.70 0.83 0.00	27.43 0.88 0.00	28.64 0.97 0.00	33.70 1.09 0.00	34.87 1.14 0.00	49.45 1.63 0.00	66.06 1.94 0.00	58.62 1.61 0.00	59.36 1.67 0.00	55.33 1.34 0.00	31.53 0.76 0.00
MG INDUSTRY___DRP 24185	27.99 0.72 0.00	25.71 0.69 0.00	26.25 0.76 0.00	27.79 0.80 0.00	29.12 0.79 0.00	31.39 0.85 0.00	35.85 0.88 0.00	45.74 1.04 0.00	32.54 0.77 0.00	28.95 0.59 0.00	27.03 0.40 0.00	30.92 0.47 0.00	26.82 0.46 0.00	26.46 0.58 0.00	27.26 0.70 0.00	28.44 0.77 0.00	33.47 0.87 0.00	34.67 0.94 0.00	49.25 1.43 0.00	65.96 1.84 0.00	58.57 1.57 0.00	59.30 1.60 0.00	55.34 1.34 0.00	31.56 0.78 0.00

MID___OSWEGATCHIE_HYD 23849	25.97 -1.29 0.00	24.08 -1.37 -0.44	29.03 -1.46 -5.01	22.24 -1.54 3.22	32.12 -1.52 -5.32	32.28 -1.50 -3.25	33.52 -1.45 0.00	43.00 -1.70 0.00	30.42 -1.36 0.00	27.08 -1.27 0.00	25.22 -1.41 0.00	28.72 -1.73 0.00	24.83 -1.53 0.00	24.02 -1.77 0.08	12.61 -1.93 12.01	0.28 -2.12 25.27	28.34 -2.50 1.76	31.26 -2.47 0.00	45.20 -2.91 -0.30	61.94 -2.18 0.00	55.57 -1.44 0.00	56.50 -1.20 0.00	52.81 -1.19 0.00	29.86 -0.91 0.00
MID___RAQUETTE_HYD 23851	26.32 -0.94 0.00	24.68 -0.98 -0.64	31.85 -1.02 -7.38	20.92 -1.10 4.97	35.16 -1.01 -7.84	34.29 -1.03 -4.78	34.08 -0.89 0.00	43.84 -0.86 0.00	30.97 -0.81 0.00	27.54 -0.82 0.00	25.70 -0.93 0.00	29.18 -1.27 0.00	25.07 -1.29 0.00	24.21 -1.54 0.13	6.76 -1.66 18.12	-7.89 -1.69 33.86	28.07 -1.93 2.60	31.79 -1.94 0.00	45.28 -2.69 -0.16	61.58 -2.54 0.00	55.14 -1.87 0.00	56.51 -1.19 0.00	52.85 -1.14 0.00	29.89 -0.88 0.00
MILLIKEN___1 23584	27.24 -0.02 0.00	25.02 0.00 0.00	25.43 -0.06 0.00	26.97 -0.02 0.00	28.30 -0.03 0.00	30.54 0.01 0.00	35.01 0.03 0.00	44.63 -0.07 0.00	31.53 -0.25 0.00	28.12 -0.30 -0.07	26.39 -0.24 0.00	30.26 -0.19 0.00	26.41 -0.10 -0.15	25.94 -0.14 -0.21	26.72 0.05 -0.12	27.65 -0.17 -0.15	32.80 -0.01 -0.21	33.86 0.13 0.00	48.72 0.36 -0.54	64.85 0.72 0.00	57.55 0.54 0.00	57.91 0.21 0.00	54.20 0.21 0.00	31.02 0.24 0.00
MILLIKEN___2 23585	27.24 -0.02 0.00	25.02 0.00 0.00	25.43 -0.06 0.00	26.97 -0.02 0.00	28.30 -0.03 0.00	30.54 0.01 0.00	35.01 0.03 0.00	44.63 -0.07 0.00	31.53 -0.25 0.00	28.12 -0.30 -0.07	26.39 -0.24 0.00	30.26 -0.19 0.00	26.41 -0.10 -0.15	25.94 -0.14 -0.21	26.72 0.05 -0.12	27.65 -0.17 -0.15	32.80 -0.01 -0.21	33.86 0.13 0.00	48.72 0.36 -0.54	64.85 0.72 0.00	57.55 0.54 0.00	57.91 0.21 0.00	54.20 0.21 0.00	31.02 0.24 0.00
MILLIKEN___DIESEL 23629	27.24 -0.02 0.00	25.02 0.00 0.00	25.43 -0.06 0.00	26.97 -0.02 0.00	28.30 -0.03 0.00	30.54 0.01 0.00	35.01 0.03 0.00	44.63 -0.07 0.00	31.53 -0.25 0.00	28.12 -0.30 -0.07	26.39 -0.24 0.00	30.26 -0.19 0.00	26.41 -0.10 -0.15	25.94 -0.14 -0.21	26.72 0.05 -0.12	27.65 -0.17 -0.15	32.80 -0.01 -0.21	33.86 0.13 0.00	48.72 0.36 -0.54	64.85 0.72 0.00	57.55 0.54 0.00	57.91 0.21 0.00	54.20 0.21 0.00	31.02 0.24 0.00
MILLSEAT___LFGE 323607	25.91 -1.35 0.00	23.91 -1.11 0.00	23.95 -1.53 0.00	25.36 -1.64 0.00	26.83 -1.49 0.00	29.01 -1.53 0.00	33.21 -1.76 0.00	42.44 -2.26 0.00	30.73 -1.05 0.00	27.39 -0.77 0.20	25.96 -0.67 0.00	29.51 -0.95 0.00	24.92 -1.09 0.35	24.23 -1.16 0.48	25.02 -1.25 0.28	25.84 -1.47 0.36	30.43 -1.68 0.49	31.67 -2.06 0.00	44.75 -3.07 0.00	60.56 -3.56 0.00	53.92 -3.08 0.00	54.05 -3.65 0.00	51.59 -2.40 0.00	29.80 -0.97 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.82 1.55 0.00	26.45 1.43 0.00	26.90 1.41 0.00	28.50 1.50 0.00	29.81 1.48 0.00	32.23 1.70 0.00	36.82 1.85 0.00	47.16 2.45 0.00	33.61 1.84 0.00	30.15 1.80 0.00	31.88 1.69 -3.56	32.82 2.03 -0.34	28.38 2.02 0.00	29.60 2.21 -1.52	28.86 2.30 0.00	30.18 2.51 0.00	35.45 2.85 0.00	36.70 2.97 0.00	51.81 3.99 0.00	69.11 4.98 0.00	61.39 4.38 0.00	61.94 4.24 0.00	57.63 3.64 0.00	32.76 1.98 0.00
MILLWOOD_13_KV_LOAD 356217	28.85 1.59 0.00	26.48 1.46 0.00	26.92 1.44 0.00	28.52 1.53 0.00	29.84 1.52 0.00	32.27 1.74 0.00	36.87 1.89 0.00	47.20 2.50 0.00	33.66 1.88 0.00	30.19 1.83 0.00	31.92 1.73 -3.56	32.86 2.07 -0.34	28.41 2.05 0.00	29.63 2.24 -1.52	28.89 2.33 0.00	30.21 2.54 0.00	35.51 2.91 0.00	36.76 3.03 0.00	51.90 4.09 0.00	69.22 5.09 0.00	61.49 4.48 0.00	62.02 4.32 0.00	57.71 3.72 0.00	32.80 2.03 0.00
MODEL_CITY_ENERGY 24167	25.22 -2.04 0.00	23.29 -1.73 0.00	23.32 -2.17 0.00	24.68 -2.31 0.00	26.12 -2.21 0.00	28.18 -2.36 0.00	32.12 -2.85 0.00	40.98 -3.72 0.00	29.72 -2.06 0.00	26.44 -1.68 0.24	25.26 -1.37 0.00	28.63 -1.82 0.00	24.18 -1.75 0.44	23.55 -1.72 0.61	24.43 -1.77 0.35	25.20 -2.03 0.45	29.66 -2.33 0.62	30.69 -3.05 0.00	43.28 -4.54 0.00	58.44 -5.69 0.00	51.92 -5.09 0.00	52.04 -5.66 0.00	49.96 -4.03 0.00	28.99 -1.78 0.00
MODERN_LFGE___ 323580	25.22 -2.04 0.00	23.29 -1.73 0.00	23.32 -2.17 0.00	24.68 -2.31 0.00	26.12 -2.21 0.00	28.18 -2.36 0.00	32.12 -2.85 0.00	40.98 -3.72 0.00	29.72 -2.06 0.00	26.44 -1.68 0.24	25.26 -1.37 0.00	28.63 -1.82 0.00	24.18 -1.75 0.44	23.55 -1.72 0.61	24.43 -1.77 0.35	25.20 -2.03 0.45	29.66 -2.33 0.62	30.69 -3.05 0.00	43.28 -4.54 0.00	58.44 -5.69 0.00	51.92 -5.09 0.00	52.04 -5.66 0.00	49.96 -4.03 0.00	28.99 -1.78 0.00
MOHAWK_PAPER___DRP 24187	28.09 0.82 0.00	25.80 0.78 0.00	26.34 0.86 0.00	27.88 0.89 0.00	29.20 0.88 0.00	31.51 0.98 0.00	35.99 1.02 0.00	45.97 1.27 0.00	32.74 0.97 0.00	29.18 0.83 0.00	27.35 0.72 0.00	31.31 0.86 0.00	27.15 0.79 0.00	26.77 0.90 0.00	27.54 0.98 0.00	28.76 1.08 0.00	33.84 1.24 0.00	35.04 1.30 0.00	49.71 1.89 0.00	66.45 2.32 0.00	58.96 1.95 0.00	59.71 2.01 0.00	55.64 1.65 0.00	31.70 0.92 0.00
MOHICAN___35_KV_115KV_LD 80490	28.77 1.51 0.00	26.40 1.38 0.00	27.01 1.52 0.00	28.61 1.62 0.00	29.99 1.67 0.00	32.34 1.80 0.00	37.01 2.04 0.00	47.23 2.53 0.00	33.63 1.85 0.00	29.81 1.45 0.00	27.84 1.21 0.00	31.79 1.34 0.00	27.49 1.13 0.00	27.14 1.27 0.00	27.98 1.42 0.00	29.38 1.70 0.00	34.65 2.05 0.00	36.01 2.28 0.00	51.32 3.50 0.00	68.69 4.57 0.00	60.90 3.89 0.00	61.79 4.09 0.00	57.41 3.42 0.00	32.48 1.71 0.00
MONGAUP___HYD 23641	28.76 1.50 0.00	26.38 1.36 0.00	26.82 1.34 0.00	28.43 1.43 0.00	29.77 1.44 0.00	32.18 1.64 0.00	36.79 1.82 0.00	47.08 2.37 0.00	33.47 1.69 0.00	29.84 1.48 0.00	24.14 1.24 3.73	31.52 1.43 0.36	27.81 1.45 0.00	25.95 1.67 1.60	28.29 1.73 0.00	29.68 2.01 0.00	34.95 2.35 0.00	36.20 2.47 0.00	51.13 3.31 0.00	68.64 4.52 0.00	61.22 4.22 0.00	62.02 4.32 0.00	57.61 3.61 0.00	32.75 1.98 0.00
MONTAUK___DIESEL 23721	30.07 2.80 -0.01	27.85 2.83 0.00	28.30 2.82 0.00	29.99 2.99 0.00	31.34 3.01 0.00	34.02 3.48 0.00	38.80 3.83 0.00	49.49 4.78 0.00	35.16 3.38 0.00	32.06 3.28 -0.43	35.95 3.01 -6.31	36.33 3.49 -2.39	32.16 3.21 -2.59	35.78 3.42 -6.49	35.26 3.54 -5.16	36.30 3.72 -4.91	40.91 4.21 -4.10	43.83 4.72 -5.38	60.84 6.61 -6.41	75.26 8.55 -2.58	73.40 7.85 -8.54	133.39 7.83 -67.87	60.72 6.73 0.00	34.64 3.87 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.65 -1.61 0.00	23.59 -1.43 0.00	23.43 -2.05 0.00	24.91 -2.09 0.00	26.45 -1.88 0.00	29.30 -1.24 0.00	33.92 -1.05 0.00	43.28 -1.42 0.00	31.18 -0.60 0.00	27.79 -0.36 0.20	26.03 -0.59 0.00	29.64 -0.81 0.00	25.40 -0.56 0.39	24.70 -0.62 0.55	25.55 -0.66 0.34	26.42 -0.82 0.43	31.04 -0.97 0.60	32.70 -1.03 0.00	46.59 -1.23 0.00	62.79 -1.33 0.00	55.55 -1.46 0.00	55.57 -2.13 0.00	52.41 -1.58 0.00	30.39 -0.38 0.00

MORRIS_RIDGE___SOLAR 323848	25.89 -1.37 0.00	23.78 -1.24 0.00	23.92 -1.56 0.00	25.30 -1.70 0.00	26.57 -1.76 0.00	28.67 -1.86 0.00	32.88 -2.09 0.00	42.01 -2.69 0.00	29.81 -1.97 0.00	25.14 -1.94 1.26	24.88 -1.74 0.01	28.55 -1.90 0.00	21.95 -1.71 2.70	20.50 -1.63 3.74	22.76 -1.60 2.19	23.02 -1.87 2.78	26.95 -1.84 3.82	32.20 -1.53 0.00	45.65 -2.29 -0.12	61.60 -2.52 0.00	54.64 -2.36 0.00	54.75 -2.95 0.00	51.76 -2.23 0.00	29.93 -0.85 0.00
MORTIMER_115KV_TB3 55949	26.16 -1.10 0.00	24.12 -0.90 0.00	24.26 -1.22 0.00	25.68 -1.32 0.00	27.15 -1.18 0.00	29.32 -1.22 0.00	33.65 -1.32 0.00	43.04 -1.67 0.00	31.00 -0.78 0.00	27.77 -0.52 0.07	26.25 -0.38 0.00	29.90 -0.55 0.00	25.58 -0.78 0.00	25.10 -0.77 0.00	25.71 -0.84 0.00	26.72 -0.95 0.00	31.51 -1.09 0.00	32.41 -1.32 0.00	45.86 -1.96 0.00	61.68 -2.45 0.00	54.80 -2.21 0.00	55.08 -2.61 0.00	52.08 -1.91 0.00	29.93 -0.84 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.01 1.75 0.00	26.62 1.59 0.00	27.05 1.56 0.00	28.66 1.66 0.00	29.96 1.63 0.00	32.40 1.87 0.00	37.04 2.07 0.00	47.48 2.78 0.00	33.89 2.11 0.00	30.42 2.07 0.00	31.95 1.96 -3.36	33.12 2.34 -0.32	28.68 2.32 0.00	29.83 2.52 -1.44	29.18 2.63 0.00	30.51 2.84 0.00	35.83 3.23 0.00	37.06 3.32 0.00	52.23 4.41 0.00	69.65 5.53 0.00	61.84 4.83 0.00	62.34 4.64 0.00	58.04 4.05 0.00	33.01 2.24 0.00
MUNSVILLE_WIND_PWR 323609	26.63 -0.64 0.00	24.35 -0.67 0.00	24.94 -0.55 0.00	26.80 -0.20 0.00	28.30 -0.03 0.00	30.72 0.18 0.00	35.96 0.99 0.00	46.57 1.87 0.00	33.33 1.56 0.00	29.58 1.23 0.00	27.69 1.06 0.00	31.51 1.06 0.00	27.27 0.91 0.00	26.43 0.56 0.00	27.27 0.72 0.00	28.57 0.90 0.00	34.22 1.61 0.00	35.13 1.40 0.00	51.28 3.11 -0.35	68.99 4.86 0.00	61.46 4.45 0.00	61.47 3.77 0.00	57.35 3.36 0.00	32.60 1.82 0.00
N SALMON___HYD 24042	26.65 -0.61 0.00	26.99 -0.82 -2.79	56.59 -0.95 -32.05	37.59 -1.03 -11.61	61.43 -0.94 -34.04	50.36 -0.95 -20.77	34.33 -0.64 0.00	44.47 -0.24 0.00	31.46 -0.31 0.00	28.05 -0.30 0.00	26.13 -0.50 0.00	29.58 -0.88 0.00	25.30 -1.06 0.00	24.46 -1.26 0.15	3.82 -1.41 21.32	-12.14 -1.46 38.35	21.23 -1.60 9.77	32.13 -1.60 0.00	45.72 -2.10 0.00	62.03 -2.09 0.00	55.65 -1.35 0.00	56.89 -0.81 0.00	53.16 -0.83 0.00	30.21 -0.56 0.00
N.AKRON__115KV_KNAPP 355671	25.80 -1.47 0.00	23.80 -1.22 0.00	23.85 -1.64 0.00	25.25 -1.75 0.00	26.71 -1.61 0.00	28.87 -1.67 0.00	33.01 -1.96 0.00	42.18 -2.53 0.00	30.54 -1.23 0.00	27.27 -0.88 0.21	25.84 -0.78 0.00	29.39 -1.06 0.00	24.76 -1.23 0.37	24.17 -1.19 0.52	24.96 -1.29 0.30	25.77 -1.51 0.38	30.34 -1.73 0.53	31.51 -2.22 0.00	44.51 -3.31 0.00	60.19 -3.93 0.00	53.53 -3.48 0.00	53.67 -4.03 0.00	51.30 -2.70 0.00	29.67 -1.11 0.00
N.E_GEN_SANDY PD 24062	28.45 1.18 0.00	26.13 1.11 0.00	26.69 1.21 0.00	28.25 1.25 0.00	29.57 1.25 0.00	31.91 1.37 0.00	36.39 1.42 0.00	46.46 1.75 0.00	33.10 1.33 0.00	29.60 1.24 0.00	28.48 1.12 -0.73	31.84 1.32 -0.07	27.58 1.22 0.00	27.52 1.34 -0.31	27.92 1.37 0.00	29.15 1.48 0.00	34.33 1.73 0.00	35.57 1.84 0.00	50.46 2.63 0.00	67.34 3.21 0.00	59.70 2.70 0.00	58.70 2.81 1.80	54.83 2.34 1.50	31.67 1.23 0.33
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.80 1.53 0.00	26.43 1.41 0.00	26.86 1.38 0.00	28.48 1.48 0.00	29.79 1.47 0.00	32.22 1.68 0.00	36.79 1.82 0.00	47.10 2.40 0.00	33.57 1.79 0.00	30.10 1.75 0.00	22.52 1.65 5.76	31.89 1.99 0.55	28.36 2.00 0.00	25.61 2.20 2.47	28.86 2.31 0.00	30.20 2.53 0.00	35.49 2.89 0.00	36.75 3.02 0.00	51.89 4.08 0.00	69.18 5.06 0.00	61.50 4.49 0.00	62.03 4.33 0.00	57.67 3.67 0.00	32.76 1.98 0.00
N.QUEENS_27_KV_LOAD 356247	29.07 1.80 0.00	26.68 1.66 0.00	27.12 1.63 0.00	28.70 1.70 0.00	29.96 1.63 0.00	32.43 1.89 0.00	37.12 2.15 0.00	47.62 2.92 0.00	34.00 2.22 0.00	30.49 2.13 -0.01	32.00 2.00 -3.37	33.25 2.43 -0.37	28.76 2.39 -0.01	30.53 2.59 -2.07	32.65 2.73 -3.37	30.59 2.91 0.00	35.88 3.28 0.00	37.06 3.33 0.00	52.23 4.41 0.00	69.72 5.60 0.00	61.89 4.89 0.00	62.39 4.69 0.00	58.19 4.20 0.00	33.07 2.30 0.00
N.TROY___115KV_TB1 355778	28.18 0.92 0.00	25.88 0.86 0.00	26.45 0.97 0.00	28.02 1.02 0.00	29.34 1.01 0.00	31.66 1.12 0.00	36.18 1.21 0.00	46.18 1.47 0.00	32.89 1.11 0.00	29.29 0.93 0.00	27.43 0.80 0.00	31.36 0.91 0.00	27.18 0.82 0.00	26.80 0.93 0.00	27.48 0.93 0.00	28.72 1.05 0.00	33.85 1.24 0.00	35.08 1.35 0.00	49.81 1.99 0.00	66.57 2.44 0.00	59.04 2.03 0.00	59.87 2.17 0.00	55.77 1.78 0.00	31.72 0.95 0.00
NARROWS_GT1_1 24228	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NARROWS_GT1_2 24229	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NARROWS_GT1_3 24230	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NARROWS_GT1_4 24231	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NARROWS_GT1_5 24232	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00

NARROWS_GT1_6 24233	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NARROWS_GT1_7 24234	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NARROWS_GT1_8 24235	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NARROWS_GT2_1 24236	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NARROWS_GT2_2 24237	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NARROWS_GT2_3 24238	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NARROWS_GT2_4 24239	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NARROWS_GT2_5 24240	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NARROWS_GT2_6 24241	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NARROWS_GT2_7 24242	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NARROWS_GT2_8 24243	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.25 0.99 0.00	25.93 0.91 0.00	26.48 1.00 0.00	28.03 1.03 0.00	29.38 1.06 0.00	31.70 1.17 0.00	36.27 1.30 0.00	46.33 1.62 0.00	32.99 1.21 0.00	29.27 0.91 0.00	27.19 0.56 0.00	31.02 0.57 0.00	26.87 0.51 0.00	26.59 0.72 0.00	27.42 0.86 0.00	28.66 0.99 0.00	33.82 1.22 0.00	35.02 1.29 0.00	49.87 2.05 0.00	66.91 2.79 0.00	59.52 2.52 0.00	60.23 2.53 0.00	56.11 2.12 0.00	31.94 1.17 0.00
NCHELSEA_115KV_TR2 355582	28.89 1.63 0.00	26.51 1.49 0.00	26.97 1.49 0.00	28.57 1.57 0.00	29.90 1.58 0.00	32.32 1.79 0.00	36.94 1.97 0.00	47.30 2.60 0.00	33.72 1.94 0.00	30.20 1.84 0.00	28.33 1.70 0.00	32.49 2.03 0.00	28.33 1.96 0.00	28.04 2.17 0.00	28.83 2.27 0.00	30.15 2.48 0.00	35.48 2.88 0.00	36.74 3.00 0.00	51.96 4.14 0.00	69.36 5.24 0.00	61.61 4.60 0.00	62.16 4.46 0.00	57.83 3.84 0.00	32.83 2.06 0.00
NEG CAPITAL___MECHNVIL 23645	28.55 1.29 0.00	26.21 1.19 0.00	26.77 1.29 0.00	28.35 1.36 0.00	29.73 1.41 0.00	32.08 1.54 0.00	36.70 1.73 0.00	46.87 2.17 0.00	33.34 1.57 0.00	29.62 1.27 0.00	27.71 1.09 0.00	31.70 1.25 0.00	27.46 1.09 0.00	27.14 1.27 0.00	27.88 1.33 0.00	29.15 1.48 0.00	34.42 1.82 0.00	35.71 1.98 0.00	50.77 2.95 0.00	67.91 3.78 0.00	60.21 3.20 0.00	61.02 3.32 0.00	56.81 2.82 0.00	32.26 1.49 0.00
NEG CENTRAL_HIGH_ACRES 23767	25.87 -1.40 0.00	23.85 -1.17 0.00	24.01 -1.48 0.00	25.43 -1.57 0.00	26.86 -1.46 0.00	29.02 -1.52 0.00	33.32 -1.65 0.00	42.61 -2.09 0.00	30.64 -1.14 0.00	27.40 -0.91 0.05	25.94 -0.69 0.00	29.49 -0.96 0.00	25.29 -1.07 0.00	24.78 -1.09 0.00	25.41 -1.14 0.00	26.38 -1.30 0.00	31.17 -1.43 0.00	32.06 -1.67 0.00	45.46 -2.36 0.00	61.05 -3.07 0.00	54.22 -2.79 0.00	54.52 -3.18 0.00	51.42 -2.57 0.00	29.53 -1.24 0.00

NEG CENTRAL___DRP 24199	26.76 -0.50 0.00	24.59 -0.43 0.00	24.91 -0.58 0.00	26.42 -0.58 0.00	27.75 -0.58 0.00	29.97 -0.56 0.00	34.39 -0.58 0.00	43.89 -0.81 0.00	31.21 -0.57 0.00	27.93 -0.50 -0.07	26.20 -0.43 0.00	29.96 -0.49 0.00	26.08 -0.46 -0.18	25.72 -0.40 -0.25	26.27 -0.43 -0.15	27.25 -0.61 -0.19	32.38 -0.48 -0.26	33.18 -0.55 0.00	47.67 -0.70 -0.55	63.23 -0.89 0.00	56.07 -0.94 0.00	56.44 -1.26 0.00	52.98 -1.01 0.00	30.46 -0.31 0.00
NEG CENTRAL___INDECK 23768	26.79 -0.47 0.00	24.65 -0.37 0.00	24.77 -0.72 0.00	26.16 -0.83 0.00	27.60 -0.73 0.00	29.84 -0.69 0.00	34.34 -0.63 0.00	43.97 -0.73 0.00	31.20 -0.58 0.00	28.58 -0.62 -0.85	26.04 -0.59 -0.01	29.79 -0.66 0.00	27.57 -0.72 -1.92	27.70 -0.84 -2.67	27.27 -0.85 -1.56	28.69 -0.97 -1.98	34.41 -0.92 -2.72	33.30 -0.43 0.00	47.21 -0.61 0.00	63.52 -0.60 0.00	56.74 -0.27 0.00	56.87 -0.83 0.00	53.63 -0.36 0.00	30.83 0.06 0.00
NEG CENTRAL___SENECA 23627	26.71 -0.55 0.00	24.56 -0.46 0.00	24.81 -0.68 0.00	26.31 -0.69 0.00	27.67 -0.66 0.00	29.90 -0.64 0.00	34.33 -0.64 0.00	43.87 -0.83 0.00	31.25 -0.53 0.00	27.99 -0.47 -0.11	26.25 -0.38 0.00	29.99 -0.47 0.00	26.15 -0.50 -0.28	25.85 -0.42 -0.39	26.34 -0.44 -0.23	27.32 -0.64 -0.29	32.55 -0.45 -0.40	33.19 -0.54 0.00	47.45 -0.66 -0.29	63.30 -0.83 0.00	56.09 -0.91 0.00	56.38 -1.32 0.00	52.99 -1.01 0.00	30.50 -0.27 0.00
NEG CENTRAL___STATE_STREET 24147	26.96 -0.30 0.00	24.81 -0.21 0.00	25.22 -0.27 0.00	26.74 -0.26 0.00	28.09 -0.24 0.00	30.32 -0.22 0.00	34.75 -0.22 0.00	44.17 -0.53 0.00	31.27 -0.50 0.00	27.89 -0.46 0.00	26.23 -0.39 0.00	30.03 -0.42 0.00	26.11 -0.33 -0.08	25.69 -0.29 -0.11	26.34 -0.28 -0.06	27.32 -0.43 -0.08	32.34 -0.37 -0.11	33.38 -0.36 0.00	48.10 -0.45 -0.73	63.65 -0.47 0.00	56.51 -0.49 0.00	56.94 -0.76 0.00	53.37 -0.62 0.00	30.60 -0.17 0.00
NEG MILLWOOD___DRP 24198	28.95 1.68 0.00	26.56 1.54 0.00	27.02 1.53 0.00	28.62 1.62 0.00	29.95 1.62 0.00	32.38 1.84 0.00	37.02 2.05 0.00	47.42 2.72 0.00	33.82 2.05 0.00	30.30 1.95 0.00	29.07 1.82 -0.62	32.66 2.15 -0.06	28.44 2.08 0.00	28.40 2.26 -0.27	28.93 2.38 0.00	30.26 2.59 0.00	35.59 2.99 0.00	36.86 3.13 0.00	52.09 4.27 0.00	69.51 5.39 0.00	61.73 4.72 0.00	62.28 4.58 0.00	57.93 3.94 0.00	32.89 2.12 0.00
NEG NORTH_FLCN_SEA 23793	26.89 -0.37 0.00	20.38 -0.64 4.00	-21.27 -0.89 45.87	-21.13 -0.97 47.16	-21.28 -0.89 48.72	-0.10 -0.90 29.73	34.38 -0.59 0.00	44.52 -0.18 0.00	31.65 -0.12 0.00	28.51 0.15 0.00	26.62 -0.01 0.00	29.92 -0.54 0.00	25.55 -0.81 0.00	24.67 -1.04 0.16	2.60 -1.15 22.80	-13.95 -1.19 40.43	18.20 -1.32 13.09	32.47 -1.26 0.00	46.22 -1.60 0.00	62.47 -1.65 0.00	56.00 -1.01 0.00	57.24 -0.46 0.00	53.43 -0.56 0.00	30.45 -0.32 0.00
NEG NORTH_KES_CHATEGAY 23792	26.59 -0.67 0.00	19.83 -0.93 4.26	-24.50 -1.05 48.93	-23.36 -1.15 49.21	-24.71 -1.07 51.96	-2.28 -1.11 31.71	34.13 -0.84 0.00	44.18 -0.52 0.00	31.26 -0.52 0.00	27.88 -0.48 0.00	26.07 -0.55 0.00	29.53 -0.93 0.00	25.24 -1.12 0.00	24.38 -1.34 0.16	2.69 -1.46 22.40	-13.70 -1.50 39.87	18.75 -1.66 12.20	32.07 -1.66 0.00	45.65 -2.17 0.00	61.78 -2.34 0.00	55.44 -1.57 0.00	56.64 -1.06 0.00	52.97 -1.02 0.00	30.19 -0.58 0.00
NEG NORTH___ALICE_FALLS 23915	26.86 -0.40 0.00	20.31 -0.67 4.04	-21.76 -0.89 46.36	-21.47 -0.98 47.48	-21.80 -0.90 49.23	-0.41 -0.91 30.05	34.39 -0.58 0.00	44.59 -0.11 0.00	31.66 -0.12 0.00	28.46 0.10 0.00	26.57 -0.06 0.00	29.88 -0.57 0.00	25.51 -0.85 0.00	24.63 -1.08 0.16	2.63 -1.19 22.74	-13.93 -1.26 40.34	18.27 -1.39 12.95	32.40 -1.33 0.00	46.14 -1.67 0.00	62.44 -1.68 0.00	56.04 -0.97 0.00	57.28 -0.42 0.00	53.46 -0.54 0.00	30.45 -0.32 0.00
NEG NORTH___LWR_SARANAC 23913	26.86 -0.40 0.00	20.31 -0.67 4.04	-21.76 -0.89 46.36	-21.47 -0.98 47.48	-21.80 -0.90 49.23	-0.41 -0.91 30.05	34.39 -0.58 0.00	44.59 -0.11 0.00	31.66 -0.12 0.00	28.46 0.10 0.00	26.57 -0.06 0.00	29.88 -0.57 0.00	25.51 -0.85 0.00	24.63 -1.08 0.16	2.63 -1.19 22.74	-13.93 -1.26 40.34	18.27 -1.39 12.95	32.40 -1.33 0.00	46.14 -1.67 0.00	62.44 -1.68 0.00	56.04 -0.97 0.00	57.28 -0.42 0.00	53.46 -0.54 0.00	30.45 -0.32 0.00
NEG NORTH___PLATTSBURG 23628	26.86 -0.40 0.00	20.31 -0.67 4.04	-21.76 -0.89 46.36	-21.47 -0.99 47.48	-21.81 -0.90 49.23	-0.41 -0.91 30.05	34.39 -0.59 0.00	44.59 -0.11 0.00	31.66 -0.12 0.00	28.46 0.10 0.00	26.57 -0.06 0.00	29.88 -0.57 0.00	25.51 -0.85 0.00	24.63 -1.08 0.16	2.63 -1.19 22.74	-13.92 -1.25 40.34	18.27 -1.39 12.95	32.40 -1.33 0.00	46.14 -1.67 0.00	62.45 -1.68 0.00	56.04 -0.97 0.00	57.28 -0.42 0.00	53.46 -0.54 0.00	30.45 -0.32 0.00
NEG WEST_LEA_LOCKPORT 23791	25.40 -1.86 0.00	23.45 -1.57 0.00	23.48 -2.00 0.00	24.86 -2.14 0.00	26.31 -2.01 0.00	28.39 -2.14 0.00	32.43 -2.55 0.00	41.41 -3.29 0.00	29.98 -1.80 0.00	26.71 -1.41 0.24	25.45 -1.18 0.00	28.90 -1.56 0.00	24.32 -1.59 0.45	23.73 -1.52 0.62	24.58 -1.61 0.36	25.39 -1.82 0.46	29.88 -2.10 0.63	31.03 -2.70 0.00	43.78 -4.04 0.00	59.12 -5.01 0.00	52.51 -4.49 0.00	52.67 -5.03 0.00	50.43 -3.57 0.00	29.23 -1.54 0.00
NEG WEST___LANCASTR 23811	25.70 -1.57 0.00	23.72 -1.30 0.00	23.78 -1.71 0.00	25.23 -1.77 0.00	26.65 -1.68 0.00	28.77 -1.76 0.00	32.96 -2.02 0.00	42.15 -2.56 0.00	30.36 -1.42 0.00	26.99 -1.13 0.24	25.72 -0.91 0.00	29.32 -1.13 0.00	24.75 -1.16 0.46	24.17 -1.07 0.63	25.08 -1.10 0.37	25.87 -1.33 0.47	30.52 -1.43 0.65	31.82 -1.91 0.00	44.91 -2.91 0.00	60.56 -3.57 0.00	53.65 -3.36 0.00	53.76 -3.94 0.00	51.07 -2.92 0.00	29.54 -1.23 0.00
NEG_PENN_ALLEGHNY 23528	27.08 -0.18 0.00	24.88 -0.14 0.00	25.26 -0.23 0.00	26.84 -0.16 0.00	28.13 -0.20 0.00	30.37 -0.17 0.00	34.77 -0.20 0.00	44.43 -0.27 0.00	31.59 -0.18 0.00	28.20 -0.16 0.00	26.52 -0.11 0.00	30.35 -0.11 0.00	26.30 -0.06 0.00	25.85 -0.03 0.00	26.58 0.03 0.00	27.60 -0.07 0.00	32.62 0.02 0.00	33.71 -0.02 0.00	48.19 0.05 -0.32	64.22 0.10 0.00	56.86 -0.14 0.00	57.25 -0.45 0.00	53.65 -0.35 0.00	30.73 -0.04 0.00
NEG___GEN_MONROE 24207	26.25 -1.01 0.00	24.21 -0.81 0.00	24.33 -1.16 0.00	25.75 -1.25 0.00	27.23 -1.09 0.00	29.43 -1.11 0.00	33.77 -1.20 0.00	43.20 -1.50 0.00	31.12 -0.66 0.00	27.89 -0.40 0.07	26.35 -0.28 0.00	29.98 -0.48 0.00	25.54 -0.74 0.08	25.01 -0.77 0.09	25.68 -0.87 0.00	26.71 -0.97 0.00	31.49 -1.12 0.00	32.41 -1.32 0.00	45.91 -1.91 0.00	61.81 -2.31 0.00	54.99 -2.02 0.00	55.26 -2.43 0.00	52.30 -1.70 0.00	30.08 -0.70 0.00
NEPA___ENERGY 23901	26.02 -1.25 0.00	24.01 -1.01 0.00	24.00 -1.49 0.00	25.64 -1.36 0.00	27.02 -1.30 0.00	29.36 -1.18 0.00	33.62 -1.36 0.00	42.91 -1.79 0.00	30.83 -0.95 0.00	27.43 -0.68 0.24	26.09 -0.53 0.00	29.76 -0.70 0.00	25.30 -0.59 0.47	24.65 -0.57 0.65	25.55 -0.59 0.41	26.37 -0.78 0.52	31.13 -0.76 0.71	32.62 -1.11 0.00	46.23 -1.59 0.00	62.13 -2.00 0.00	54.85 -2.16 0.00	54.85 -2.85 0.00	51.79 -2.21 0.00	29.98 -0.79 0.00

NEVERSINK___HYD 23608	29.02 1.76 0.00	26.60 1.58 0.00	27.08 1.59 0.00	28.71 1.71 0.00	30.06 1.74 0.00	32.53 1.99 0.00	37.18 2.20 0.00	47.55 2.85 0.00	33.94 2.16 0.00	30.34 1.98 0.00	26.98 1.90 1.55	32.58 2.28 0.15	28.51 2.15 0.00	27.51 2.30 0.66	28.80 2.24 0.00	30.08 2.41 0.00	35.44 2.84 0.00	36.70 2.97 0.00	52.09 4.27 0.00	69.59 5.47 0.00	61.94 4.93 0.00	62.47 4.77 0.00	58.11 4.12 0.00	32.98 2.21 0.00
NEWKRMKL_115KV_TB1 55635	27.84 0.58 0.00	25.57 0.55 0.00	26.11 0.62 0.00	27.63 0.63 0.00	28.95 0.62 0.00	31.23 0.69 0.00	35.65 0.67 0.00	45.49 0.79 0.00	32.42 0.64 0.00	28.91 0.55 0.00	27.12 0.49 0.00	31.06 0.61 0.00	26.95 0.59 0.00	26.60 0.73 0.00	27.33 0.78 0.00	28.54 0.87 0.00	33.57 0.96 0.00	34.75 1.02 0.00	49.25 1.43 0.00	65.81 1.68 0.00	58.40 1.39 0.00	59.11 1.41 0.00	55.10 1.11 0.00	31.43 0.66 0.00
NEWTON___FALLS_HYD 23847	25.97 -1.29 0.00	24.08 -1.37 -0.44	29.03 -1.46 -5.01	22.24 -1.54 3.22	32.12 -1.52 -5.32	32.28 -1.50 -3.25	33.52 -1.45 0.00	43.00 -1.70 0.00	30.42 -1.36 0.00	27.08 -1.27 0.00	25.22 -1.41 0.00	28.72 -1.73 0.00	24.83 -1.53 0.00	24.02 -1.77 0.08	12.61 -1.93 12.01	0.28 -2.12 25.27	28.34 -2.50 1.76	31.26 -2.47 0.00	45.20 -2.91 -0.30	61.94 -2.18 0.00	55.57 -1.44 0.00	56.50 -1.20 0.00	52.81 -1.19 0.00	29.86 -0.91 0.00
NGRID_A1_DSASP 323792	25.02 -2.24 0.00	23.10 -1.92 0.00	23.16 -2.33 0.00	24.51 -2.49 0.00	25.94 -2.39 0.00	27.97 -2.57 0.00	31.99 -2.98 0.00	40.86 -3.84 0.00	29.59 -2.18 0.00	26.32 -1.79 0.24	25.20 -1.43 0.00	28.58 -1.88 0.00	24.10 -1.81 0.45	23.47 -1.78 0.62	24.39 -1.80 0.36	25.16 -2.05 0.46	29.54 -2.42 0.63	30.63 -3.10 0.00	43.18 -4.64 0.00	58.24 -5.88 0.00	51.71 -5.30 0.00	51.86 -5.84 0.00	49.67 -4.33 0.00	28.77 -2.00 0.00
NGRID_A2_DSASP 323793	25.02 -2.24 0.00	23.10 -1.92 0.00	23.16 -2.33 0.00	24.51 -2.49 0.00	25.94 -2.39 0.00	27.97 -2.57 0.00	31.99 -2.98 0.00	40.86 -3.84 0.00	29.59 -2.18 0.00	26.32 -1.79 0.24	25.20 -1.43 0.00	28.58 -1.88 0.00	24.10 -1.81 0.45	23.47 -1.78 0.62	24.39 -1.80 0.36	25.16 -2.05 0.46	29.54 -2.42 0.63	30.63 -3.10 0.00	43.18 -4.64 0.00	58.24 -5.88 0.00	51.71 -5.30 0.00	51.86 -5.84 0.00	49.67 -4.33 0.00	28.77 -2.00 0.00
NGRID_A4_DSASP 323807	25.02 -2.24 0.00	23.10 -1.92 0.00	23.16 -2.33 0.00	24.51 -2.49 0.00	25.94 -2.39 0.00	27.97 -2.57 0.00	31.99 -2.98 0.00	40.86 -3.84 0.00	29.59 -2.18 0.00	26.32 -1.79 0.24	25.20 -1.43 0.00	28.58 -1.88 0.00	24.10 -1.81 0.45	23.47 -1.78 0.62	24.39 -1.80 0.36	25.16 -2.05 0.46	29.54 -2.42 0.63	30.63 -3.10 0.00	43.18 -4.64 0.00	58.24 -5.88 0.00	51.71 -5.30 0.00	51.86 -5.84 0.00	49.67 -4.33 0.00	28.77 -2.00 0.00
NIAGARA_115E_LBMP 323715	25.11 -2.15 0.00	23.19 -1.83 0.00	23.22 -2.26 0.00	24.58 -2.42 0.00	26.01 -2.32 0.00	28.06 -2.48 0.00	31.94 -3.03 0.00	40.74 -3.96 0.00	29.54 -2.23 0.00	26.30 -1.81 0.24	25.13 -1.49 0.00	28.48 -1.97 0.00	24.06 -1.85 0.45	23.43 -1.82 0.62	24.32 -1.88 0.36	25.06 -2.15 0.46	29.51 -2.47 0.63	30.51 -3.22 0.00	43.01 -4.81 0.00	58.06 -6.06 0.00	51.57 -5.43 0.00	51.70 -5.99 0.00	49.69 -4.30 0.00	28.85 -1.93 0.00
NIAGARA_115W_LBMP 323714	24.95 -2.31 0.00	23.03 -1.99 0.00	23.09 -2.39 0.00	24.43 -2.57 0.00	25.86 -2.47 0.00	27.88 -2.65 0.00	31.90 -3.08 0.00	40.73 -3.97 0.00	29.50 -2.27 0.00	26.25 -1.87 0.24	25.12 -1.50 0.00	28.49 -1.96 0.00	24.04 -1.87 0.44	23.41 -1.85 0.62	24.33 -1.86 0.36	25.09 -2.12 0.46	29.46 -2.52 0.63	30.52 -3.21 0.00	43.03 -4.78 0.00	58.05 -6.08 0.00	51.54 -5.47 0.00	51.69 -6.01 0.00	49.51 -4.49 0.00	28.68 -2.09 0.00
NIAGARA_230_LBMP 323716	25.20 -2.06 0.00	23.27 -1.75 0.00	23.31 -2.17 0.00	24.68 -2.31 0.00	26.12 -2.20 0.00	28.18 -2.36 0.00	32.22 -2.76 0.00	41.15 -3.56 0.00	29.78 -1.99 0.00	26.48 -1.64 0.23	25.34 -1.29 0.00	28.75 -1.71 0.00	24.27 -1.67 0.42	23.63 -1.65 0.59	24.54 -1.66 0.34	25.32 -1.91 0.44	29.75 -2.26 0.60	30.88 -2.86 0.00	43.55 -4.27 0.00	58.71 -5.41 0.00	52.12 -4.89 0.00	52.27 -5.42 0.00	50.03 -3.97 0.00	28.97 -1.80 0.00
NIAGARA___115KV_198_GIBSON 55903	24.95 -2.31 0.00	23.04 -1.98 0.00	23.09 -2.39 0.00	24.43 -2.56 0.00	25.87 -2.46 0.00	27.89 -2.65 0.00	31.90 -3.08 0.00	40.74 -3.97 0.00	29.50 -2.28 0.00	26.30 -1.82 0.24	25.10 -1.53 0.00	28.51 -1.94 0.00	23.99 -1.92 0.44	23.44 -1.82 0.62	24.29 -1.91 0.36	25.09 -2.13 0.46	29.48 -2.50 0.63	30.52 -3.21 0.00	43.03 -4.79 0.00	58.05 -6.08 0.00	51.54 -5.47 0.00	51.69 -6.01 0.00	49.51 -4.48 0.00	28.68 -2.09 0.00
NIAGARA____ 23760	25.20 -2.06 0.00	23.27 -1.75 0.00	23.31 -2.17 0.00	24.68 -2.31 0.00	26.12 -2.20 0.00	28.18 -2.36 0.00	32.22 -2.76 0.00	41.15 -3.56 0.00	29.78 -1.99 0.00	26.48 -1.64 0.23	25.34 -1.29 0.00	28.75 -1.71 0.00	24.26 -1.67 0.43	23.62 -1.65 0.60	24.54 -1.66 0.35	25.32 -1.91 0.44	29.74 -2.26 0.60	30.88 -2.86 0.00	43.55 -4.27 0.00	58.71 -5.41 0.00	52.12 -4.89 0.00	52.27 -5.42 0.00	50.03 -3.97 0.00	28.97 -1.80 0.00
NINE_MILE_1 23575	26.35 -0.91 0.00	24.20 -0.82 0.00	24.64 -0.85 0.00	26.12 -0.88 0.00	27.36 -0.96 0.00	29.52 -1.02 0.00	33.76 -1.21 0.00	43.06 -1.65 0.00	30.58 -1.19 0.00	27.28 -1.08 0.00	25.63 -1.00 0.00	29.32 -1.13 0.00	25.42 -0.94 0.00	24.98 -0.90 0.00	25.60 -0.96 0.00	26.60 -1.07 0.00	31.37 -1.24 0.00	32.42 -1.31 0.00	41.71 -1.86 4.24	61.61 -2.51 0.00	54.77 -2.24 0.00	55.32 -2.37 0.01	51.87 -2.13 0.00	29.75 -1.03 0.00
NINE_MILE_2 23744	26.35 -0.91 0.00	24.20 -0.82 0.00	24.64 -0.85 0.00	26.12 -0.88 0.00	27.37 -0.95 0.00	29.52 -1.02 0.00	33.77 -1.21 0.00	43.06 -1.64 0.00	30.59 -1.19 0.00	27.28 -1.08 0.00	25.63 -1.00 0.00	29.32 -1.13 0.00	25.43 -0.94 0.00	24.98 -0.89 0.00	25.60 -0.96 0.00	26.60 -1.07 0.00	31.37 -1.24 0.00	32.43 -1.31 0.00	41.66 -1.86 4.31	61.62 -2.51 0.00	54.77 -2.24 0.00	55.32 -2.37 0.01	51.87 -2.13 0.00	29.75 -1.02 0.00
NM_CAPITAL___DRP 24208	27.91 0.65 0.00	25.63 0.61 0.00	26.18 0.70 0.00	27.71 0.71 0.00	29.03 0.70 0.00	31.30 0.77 0.00	35.73 0.76 0.00	45.61 0.91 0.00	32.50 0.73 0.00	28.99 0.63 0.00	27.19 0.56 0.00	31.12 0.67 0.00	27.01 0.65 0.00	26.65 0.78 0.00	27.38 0.83 0.00	28.59 0.92 0.00	33.62 1.02 0.00	34.80 1.06 0.00	49.33 1.51 0.00	65.92 1.80 0.00	58.48 1.48 0.00	59.23 1.53 0.00	55.21 1.21 0.00	31.47 0.70 0.00
NM_CENTRAL___DRP 24181	26.83 -0.44 0.00	24.61 -0.41 0.00	25.05 -0.44 0.00	26.56 -0.44 0.00	27.83 -0.50 0.00	30.03 -0.51 0.00	34.38 -0.59 0.00	43.86 -0.84 0.00	31.14 -0.64 0.00	27.78 -0.58 0.00	26.10 -0.53 0.00	29.88 -0.57 0.00	25.96 -0.40 0.00	25.55 -0.32 0.00	26.22 -0.34 0.00	27.20 -0.48 0.00	32.11 -0.49 0.00	33.15 -0.59 0.00	47.62 -0.80 -0.59	63.09 -1.03 0.00	56.04 -0.96 0.00	56.53 -1.17 0.00	53.04 -0.95 0.00	30.39 -0.38 0.00

NM_FRONTIER___DRP 24179	24.95 -2.31 0.00	23.04 -1.98 0.00	23.09 -2.39 0.00	24.43 -2.56 0.00	25.87 -2.46 0.00	27.89 -2.65 0.00	31.90 -3.08 0.00	40.74 -3.97 0.00	29.50 -2.28 0.00	26.30 -1.82 0.24	25.10 -1.53 0.00	28.51 -1.94 0.00	23.99 -1.92 0.44	23.44 -1.82 0.62	24.29 -1.91 0.36	25.09 -2.13 0.46	29.48 -2.50 0.63	30.52 -3.21 0.00	43.03 -4.79 0.00	58.05 -6.08 0.00	51.54 -5.47 0.00	51.69 -6.01 0.00	49.51 -4.48 0.00	28.68 -2.09 0.00
NM_ST_REGIS___HYD 24053	26.41 -0.85 0.00	25.17 -0.94 -1.09	36.94 -1.01 -12.46	24.35 -1.09 1.56	40.57 -0.99 -13.23	37.61 -1.00 -8.07	34.15 -0.82 0.00	44.03 -0.67 0.00	31.11 -0.66 0.00	27.68 -0.68 0.00	25.80 -0.83 0.00	29.27 -1.18 0.00	25.12 -1.24 0.00	24.25 -1.49 0.13	6.15 -1.62 18.78	-8.77 -1.66 34.79	26.66 -1.87 4.08	31.85 -1.88 0.00	45.39 -2.57 -0.14	61.69 -2.43 0.00	55.29 -1.71 0.00	56.63 -1.07 0.00	52.94 -1.05 0.00	29.98 -0.79 0.00
NORTHPORT___1 23551	29.10 1.83 0.00	26.79 1.77 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.15 1.83 0.00	32.67 2.14 0.00	37.12 2.15 0.00	47.43 2.73 0.00	33.76 1.98 0.00	30.77 2.06 -0.36	34.58 2.10 -5.85	34.84 2.43 -1.95	30.83 2.31 -2.16	33.85 2.52 -5.46	32.75 2.55 -3.65	34.61 2.66 -4.27	38.67 2.68 -3.39	41.24 2.96 -4.54	57.27 4.04 -5.41	71.20 4.90 -2.18	69.14 4.60 -7.54	128.64 4.82 -66.11	57.92 3.93 0.00	33.15 2.38 0.00
NORTHPORT___2 23552	29.10 1.83 0.00	26.79 1.77 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.15 1.83 0.00	32.67 2.14 0.00	37.12 2.15 0.00	47.43 2.73 0.00	33.76 1.98 0.00	30.77 2.06 -0.36	34.58 2.10 -5.85	34.84 2.43 -1.95	30.83 2.31 -2.16	33.85 2.52 -5.46	32.75 2.55 -3.65	34.61 2.66 -4.27	38.67 2.68 -3.39	41.24 2.96 -4.54	57.27 4.04 -5.41	71.20 4.90 -2.18	69.14 4.60 -7.54	128.64 4.82 -66.11	57.92 3.93 0.00	33.15 2.38 0.00
NORTHPORT___3 23553	28.97 1.71 0.00	26.66 1.64 0.00	27.12 1.64 0.00	28.72 1.73 0.00	30.02 1.69 0.00	32.52 1.99 0.00	37.03 2.06 0.00	47.30 2.60 0.00	33.67 1.90 0.00	30.67 1.96 -0.36	34.42 1.95 -5.84	34.69 2.31 -1.93	30.73 2.22 -2.15	33.67 2.44 -5.37	32.30 2.47 -3.29	34.54 2.60 -4.26	38.71 2.74 -3.37	41.22 2.97 -4.52	57.24 4.04 -5.38	71.19 4.89 -2.17	69.04 4.50 -7.53	129.01 4.65 -66.66	57.76 3.77 0.00	33.00 2.24 0.01
NORTHPORT___4 23650	28.97 1.71 0.00	26.66 1.64 0.00	27.12 1.64 0.00	28.72 1.73 0.00	30.02 1.69 0.00	32.52 1.99 0.00	37.03 2.06 0.00	47.30 2.60 0.00	33.67 1.90 0.00	30.67 1.96 -0.36	34.42 1.95 -5.84	34.69 2.31 -1.93	30.73 2.22 -2.15	33.67 2.44 -5.37	32.30 2.47 -3.29	34.54 2.60 -4.26	38.71 2.74 -3.37	41.22 2.97 -4.52	57.24 4.04 -5.38	71.19 4.89 -2.17	69.04 4.50 -7.53	129.01 4.65 -66.66	57.76 3.77 0.00	33.00 2.24 0.01
NORTHPORT___IC 23718	29.10 1.84 0.00	26.78 1.76 0.00	27.24 1.75 0.00	28.87 1.87 0.00	30.15 1.82 0.00	32.67 2.14 0.00	37.12 2.15 0.00	47.43 2.72 0.00	33.76 1.98 0.00	30.76 2.04 -0.36	34.58 2.10 -5.85	34.83 2.43 -1.95	30.84 2.32 -2.16	33.85 2.51 -5.46	32.76 2.55 -3.65	34.60 2.66 -4.27	38.68 2.68 -3.39	41.24 2.96 -4.54	57.27 4.04 -5.41	71.20 4.90 -2.18	69.15 4.61 -7.54	128.63 4.82 -66.11	57.92 3.93 0.00	33.15 2.38 0.00
NORTH___COUNTRY_ESR 323785	26.52 -0.74 0.00	19.77 -0.98 4.27	-24.63 -1.11 49.00	-23.47 -1.22 49.26	-24.84 -1.14 52.04	-2.40 -1.19 31.75	34.02 -0.96 0.00	44.05 -0.65 0.00	31.17 -0.60 0.00	27.82 -0.54 0.00	26.05 -0.58 0.00	29.52 -0.94 0.00	25.23 -1.13 0.00	24.38 -1.34 0.16	2.69 -1.47 22.39	-13.69 -1.50 39.86	18.76 -1.66 12.18	32.06 -1.67 0.00	45.65 -2.17 0.00	61.69 -2.44 0.00	55.29 -1.72 0.00	56.49 -1.21 0.00	52.82 -1.18 0.00	30.10 -0.67 0.00
NPX_GEN_1385_PROXY 323591	28.06 1.60 0.81	26.59 1.57 0.00	27.21 1.72 0.00	28.85 1.85 0.00	30.11 1.78 0.00	32.84 2.30 0.00	37.13 2.15 0.00	47.76 3.06 0.00	33.86 2.09 0.00	30.76 2.05 -0.36	34.55 2.08 -5.85	34.44 2.04 -1.95	30.47 1.95 -2.16	33.42 2.09 -5.46	32.30 2.09 -3.65	34.13 2.18 -4.27	38.23 2.24 -3.39	40.79 2.52 -4.54	56.72 3.49 -5.41	70.42 4.11 -2.18	68.67 4.13 -7.54	128.53 4.72 -66.11	57.71 3.72 0.00	32.44 2.04 0.37
NPX_GEN_CSC 323557	28.79 2.32 0.79	27.22 2.20 0.00	27.66 2.17 0.00	29.28 2.28 0.00	30.59 2.26 0.00	33.16 2.63 0.00	37.80 2.83 0.00	48.18 3.48 0.00	34.25 2.47 0.00	31.29 2.51 -0.43	35.26 2.33 -6.30	35.52 2.69 -2.38	31.49 2.55 -2.58	35.10 2.76 -6.47	34.48 2.81 -5.12	35.53 2.97 -4.89	39.93 3.24 -4.08	42.74 3.65 -5.36	59.26 5.06 -6.38	73.05 6.35 -2.57	71.41 5.88 -8.52	131.50 5.98 -67.82	59.02 5.03 0.00	33.36 2.96 0.37
NSINS_S_GLNS_FALLS 23858	28.75 1.49 0.00	26.38 1.37 0.00	26.97 1.49 0.00	28.58 1.59 0.00	29.96 1.63 0.00	32.30 1.77 0.00	36.98 2.00 0.00	47.20 2.49 0.00	33.60 1.82 0.00	29.80 1.44 0.00	27.83 1.20 0.00	31.79 1.34 0.00	27.49 1.13 0.00	27.14 1.27 0.00	27.98 1.43 0.00	29.39 1.71 0.00	34.65 2.05 0.00	36.01 2.27 0.00	51.30 3.48 0.00	68.66 4.54 0.00	60.87 3.87 0.00	61.75 4.06 0.00	57.39 3.40 0.00	32.47 1.69 0.00
NUCOR_STEEL___DRP 24197	26.95 -0.31 0.00	24.81 -0.21 0.00	25.23 -0.25 0.00	26.75 -0.25 0.00	28.09 -0.23 0.00	30.33 -0.21 0.00	34.74 -0.23 0.00	44.15 -0.55 0.00	31.25 -0.53 0.00	27.88 -0.47 0.00	26.21 -0.42 0.00	30.01 -0.44 0.00	26.02 -0.34 0.00	25.57 -0.30 0.00	26.27 -0.29 0.00	27.23 -0.44 0.00	32.21 -0.39 0.00	33.35 -0.38 0.00	48.10 -0.50 -0.79	63.58 -0.55 0.00	56.46 -0.55 0.00	56.90 -0.80 0.00	53.34 -0.66 0.00	30.57 -0.21 0.00
NUMBER_THREE_WT_PWR 323818	26.23 -1.03 0.00	23.97 -1.24 -0.19	26.30 -1.37 -2.18	24.52 -1.41 1.07	29.21 -1.43 -2.31	30.62 -1.32 -1.41	33.58 -1.39 0.00	42.97 -1.73 0.00	30.43 -1.35 0.00	27.17 -1.19 0.00	25.38 -1.25 0.00	28.88 -1.57 0.00	25.16 -1.20 0.00	24.41 -1.43 0.03	20.34 -1.59 4.63	9.59 -1.91 16.17	29.53 -2.32 0.75	31.57 -2.17 0.00	46.15 -2.03 -0.35	63.64 -0.49 0.00	57.05 0.04 0.00	57.54 -0.16 0.00	53.80 -0.19 0.00	30.40 -0.37 0.00
NYISO_LBMP_REFERENCE 24008	27.26 0.00 0.00	25.02 0.00 0.00	25.49 0.00 0.00	27.00 0.00 0.00	28.33 0.00 0.00	30.54 0.00 0.00	34.97 0.00 0.00	44.70 0.00 0.00	31.78 0.00 0.00	28.35 0.00 0.00	26.63 0.00 0.00	30.45 0.00 0.00	26.36 0.00 0.00	25.87 0.00 0.00	26.55 0.00 0.00	27.67 0.00 0.00	32.60 0.00 0.00	33.73 0.00 0.00	47.82 0.00 0.00	64.12 0.00 0.00	57.01 0.00 0.00	57.70 0.00 0.00	53.99 0.00 0.00	30.77 0.00 0.00
NYPA_BRENTWD____GT 24164	29.41 2.15 0.00	27.04 2.02 0.00	27.48 2.00 0.00	29.11 2.11 0.00	30.41 2.08 0.00	32.97 2.43 0.00	37.55 2.58 0.00	47.97 3.27 0.00	34.14 2.36 0.00	31.26 2.41 -0.50	35.78 2.31 -6.84	36.08 2.73 -2.90	32.02 2.58 -3.08	36.39 2.76 -7.76	36.70 2.79 -7.36	36.24 2.93 -5.64	40.65 3.14 -4.92	43.51 3.43 -6.35	60.09 4.72 -7.56	72.66 5.49 -3.04	71.77 5.06 -9.71	132.98 5.43 -69.85	58.65 4.66 0.00	33.53 2.76 0.00

NYPA_GOWANUS____GT5 24156	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NYPA_GOWANUS____GT6 24157	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.64 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.35 -0.01	32.18 2.19 -3.37	33.42 2.64 -0.33	28.92 2.56 -0.01	30.89 2.74 -2.27	61.27 2.83 -31.90	54.60 3.03 -23.90	59.96 3.43 -23.93	52.99 3.52 -15.74	61.67 4.64 -9.21	69.98 5.86 0.00	62.11 5.11 0.00	62.60 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00
NYPA_HARLEM__RVR__GT1 24160	29.05 1.78 0.00	26.66 1.64 0.00	27.08 1.59 0.00	28.67 1.67 0.00	29.94 1.61 0.00	32.40 1.86 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.09 -0.01	31.93 1.93 -3.37	33.17 2.37 -0.35	28.70 2.34 -0.01	30.16 2.54 -1.75	30.84 2.67 -1.63	30.52 2.85 0.00	35.81 3.21 0.00	37.01 3.28 0.00	52.14 4.32 0.00	69.63 5.50 0.00	61.81 4.80 0.00	62.33 4.63 0.00	58.09 4.10 0.00	33.02 2.25 0.00
NYPA_HARLEM__RVR__GT2 24161	29.05 1.78 0.00	26.66 1.64 0.00	27.08 1.59 0.00	28.67 1.67 0.00	29.94 1.61 0.00	32.40 1.86 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.09 -0.01	31.93 1.93 -3.37	33.17 2.37 -0.35	28.70 2.34 -0.01	30.16 2.54 -1.75	30.84 2.67 -1.63	30.52 2.85 0.00	35.81 3.21 0.00	37.01 3.28 0.00	52.14 4.32 0.00	69.63 5.50 0.00	61.81 4.80 0.00	62.33 4.63 0.00	58.09 4.10 0.00	33.02 2.25 0.00
NYPA_KENT____GT 24152	29.19 1.92 0.00	26.77 1.75 0.00	27.19 1.71 0.00	28.80 1.81 0.00	30.11 1.78 0.00	32.58 2.05 0.00	37.26 2.29 0.00	47.78 3.07 0.00	34.14 2.36 0.00	30.66 2.30 -0.01	32.14 2.14 -3.37	33.36 2.58 -0.33	28.89 2.52 -0.01	30.53 2.71 -1.95	48.68 2.80 -19.33	45.16 3.01 -14.48	50.50 3.40 -14.50	46.77 3.50 -9.53	58.00 4.60 -5.58	69.92 5.80 0.00	62.06 5.05 0.00	62.54 4.85 0.00	58.30 4.30 0.00	33.18 2.40 0.00
NYPA_POUCH1____GT 24155	29.23 1.96 0.00	26.81 1.79 0.00	27.23 1.74 0.00	28.85 1.85 0.00	30.17 1.84 0.00	32.63 2.10 0.00	37.32 2.35 0.00	47.80 3.10 0.00	34.13 2.35 0.00	30.64 2.28 -0.01	32.10 2.10 -3.37	33.35 2.57 -0.33	28.84 2.48 -0.01	30.46 2.63 -1.96	45.30 2.67 -16.08	45.28 2.88 -14.73	59.21 3.26 -23.35	52.83 3.36 -15.74	61.43 4.40 -9.21	69.66 5.54 0.00	61.83 4.82 0.00	62.36 4.66 0.00	58.20 4.21 0.00	33.19 2.41 0.00
NYPA_VERNON____GT2 24162	29.13 1.86 0.00	26.71 1.69 0.00	27.14 1.65 0.00	28.75 1.75 0.00	30.05 1.73 0.00	32.51 1.98 0.00	37.19 2.21 0.00	47.68 2.98 0.00	34.07 2.29 0.00	30.62 2.26 -0.01	32.10 2.11 -3.37	33.30 2.53 -0.33	28.85 2.48 -0.01	30.18 2.69 -1.62	36.10 2.80 -6.75	35.73 3.00 -5.06	41.06 3.40 -5.06	40.53 3.47 -3.33	54.33 4.56 -1.95	69.86 5.73 0.00	61.98 4.97 0.00	62.48 4.78 0.00	58.22 4.22 0.00	33.12 2.35 0.00
NYPA_VERNON____GT3 24163	29.13 1.86 0.00	26.71 1.69 0.00	27.14 1.65 0.00	28.75 1.75 0.00	30.05 1.73 0.00	32.51 1.98 0.00	37.19 2.21 0.00	47.68 2.98 0.00	34.07 2.29 0.00	30.62 2.26 -0.01	32.10 2.11 -3.37	33.30 2.53 -0.33	28.85 2.48 -0.01	30.18 2.69 -1.62	36.10 2.80 -6.75	35.73 3.00 -5.06	41.06 3.40 -5.06	40.53 3.47 -3.33	54.33 4.56 -1.95	69.86 5.73 0.00	61.98 4.97 0.00	62.48 4.78 0.00	58.22 4.22 0.00	33.12 2.35 0.00
NYPA__ASTORIA_CC1 323568	29.09 1.83 0.00	26.68 1.66 0.00	27.11 1.62 0.00	28.71 1.71 0.00	30.01 1.69 0.00	32.46 1.92 0.00	37.13 2.15 0.00	47.61 2.91 0.00	34.02 2.24 0.00	30.57 2.21 -0.01	32.05 2.05 -3.37	33.24 2.46 -0.33	28.80 2.44 -0.01	29.96 2.64 -1.45	29.30 2.75 0.00	30.63 2.96 0.00	35.93 3.33 0.00	37.13 3.40 0.00	52.28 4.46 0.00	69.74 5.61 0.00	61.89 4.88 0.00	62.37 4.68 0.00	58.11 4.12 0.00	33.07 2.29 0.00
NYPA__ASTORIA_CC2 323569	29.09 1.83 0.00	26.68 1.66 0.00	27.11 1.62 0.00	28.71 1.71 0.00	30.01 1.69 0.00	32.46 1.92 0.00	37.13 2.15 0.00	47.61 2.91 0.00	34.02 2.24 0.00	30.57 2.21 -0.01	32.05 2.05 -3.37	33.24 2.46 -0.33	28.80 2.44 -0.01	29.96 2.64 -1.45	29.30 2.75 0.00	30.63 2.96 0.00	35.93 3.33 0.00	37.13 3.40 0.00	52.28 4.46 0.00	69.74 5.61 0.00	61.89 4.88 0.00	62.37 4.68 0.00	58.11 4.12 0.00	33.07 2.29 0.00
NYPA__HOLTSVILL 23794	29.35 2.07 -0.01	26.98 1.96 0.00	27.42 1.94 0.00	29.04 2.04 0.00	30.34 2.01 0.00	32.88 2.35 0.00	37.45 2.48 0.00	47.79 3.09 0.00	34.00 2.23 0.00	31.04 2.27 -0.42	35.03 2.15 -6.25	35.29 2.51 -2.33	31.29 2.39 -2.54	34.83 2.60 -6.35	34.12 2.63 -4.94	35.29 2.78 -4.83	39.58 2.96 -4.01	42.28 3.27 -5.28	58.55 4.45 -6.28	72.10 5.45 -2.53	70.49 5.07 -8.42	130.58 5.23 -67.64	58.34 4.35 0.00	33.38 2.61 0.00
NYPA____HELLGATE_GT1 24158	29.05 1.78 0.00	26.66 1.64 0.00	27.08 1.59 0.00	28.67 1.67 0.00	29.94 1.61 0.00	32.40 1.86 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.09 -0.01	31.93 1.93 -3.37	33.17 2.37 -0.35	28.70 2.34 -0.01	30.16 2.54 -1.75	30.84 2.67 -1.63	30.52 2.85 0.00	35.81 3.21 0.00	37.01 3.28 0.00	52.14 4.32 0.00	69.63 5.50 0.00	61.81 4.80 0.00	62.33 4.63 0.00	58.09 4.10 0.00	33.02 2.25 0.00
NYPA____HELLGATE_GT2 24159	29.05 1.78 0.00	26.66 1.64 0.00	27.08 1.59 0.00	28.67 1.67 0.00	29.94 1.61 0.00	32.40 1.86 0.00	37.08 2.11 0.00	47.55 2.85 0.00	33.95 2.17 0.00	30.45 2.09 -0.01	31.93 1.93 -3.37	33.17 2.37 -0.35	28.70 2.34 -0.01	30.16 2.54 -1.75	30.84 2.67 -1.63	30.52 2.85 0.00	35.81 3.21 0.00	37.01 3.28 0.00	52.14 4.32 0.00	69.63 5.50 0.00	61.81 4.80 0.00	62.33 4.63 0.00	58.09 4.10 0.00	33.02 2.25 0.00
NYS_BARGE__HYD 23848	25.42 -1.84 0.00	23.47 -1.55 0.00	23.50 -1.99 0.00	24.88 -2.12 0.00	26.32 -2.00 0.00	28.42 -2.12 0.00	32.43 -2.54 0.00	41.42 -3.28 0.00	30.01 -1.77 0.00	26.71 -1.42 0.23	25.49 -1.14 0.00	28.89 -1.56 0.00	24.41 -1.54 0.42	23.77 -1.53 0.58	24.65 -1.56 0.34	25.43 -1.82 0.43	29.94 -2.08 0.59	31.01 -2.72 0.00	43.76 -4.06 0.00	59.09 -5.04 0.00	52.52 -4.49 0.00	52.65 -5.05 0.00	50.46 -3.54 0.00	29.24 -1.53 0.00
OAK ORCHARD__HYD 24046	26.16 -1.10 0.00	24.12 -0.90 0.00	24.25 -1.23 0.00	25.68 -1.32 0.00	27.15 -1.18 0.00	29.32 -1.22 0.00	33.65 -1.32 0.00	43.03 -1.67 0.00	31.00 -0.78 0.00	27.74 -0.55 0.07	26.28 -0.35 0.00	29.88 -0.57 0.00	25.61 -0.75 0.00	25.09 -0.78 0.00	25.74 -0.81 0.00	26.72 -0.95 0.00	31.53 -1.08 0.00	32.40 -1.33 0.00	45.86 -1.96 0.00	61.67 -2.45 0.00	54.79 -2.21 0.00	55.08 -2.62 0.00	52.08 -1.91 0.00	29.93 -0.84 0.00

OAKDALE___35_KV_LOAD 356122	26.98 -0.28 0.00	24.79 -0.23 0.00	25.18 -0.31 0.00	26.76 -0.24 0.00	28.05 -0.27 0.00	30.26 -0.28 0.00	34.64 -0.34 0.00	44.27 -0.43 0.00	31.47 -0.30 0.00	28.10 -0.25 0.00	26.43 -0.19 0.00	30.25 -0.21 0.00	26.23 -0.13 0.00	25.83 -0.05 0.00	26.54 -0.01 0.00	27.56 -0.12 0.00	32.57 -0.03 0.00	33.66 -0.07 0.00	48.07 -0.06 -0.32	64.08 -0.05 0.00	56.76 -0.25 0.00	57.15 -0.55 0.00	53.55 -0.44 0.00	30.70 -0.07 0.00
OCC_CHEM___DRP 24175	25.02 -2.24 0.00	23.11 -1.91 0.00	23.16 -2.32 0.00	24.51 -2.49 0.00	25.94 -2.39 0.00	27.97 -2.57 0.00	32.00 -2.98 0.00	40.87 -3.84 0.00	29.59 -2.19 0.00	26.37 -1.74 0.24	25.17 -1.45 0.00	28.60 -1.86 0.00	24.06 -1.85 0.45	23.50 -1.75 0.62	24.35 -1.84 0.36	25.16 -2.05 0.46	29.56 -2.41 0.63	30.63 -3.10 0.00	43.18 -4.64 0.00	58.25 -5.87 0.00	51.71 -5.30 0.00	51.86 -5.83 0.00	49.67 -4.33 0.00	28.77 -2.00 0.00
OH_GEN_PROXY 24063	24.44 -2.02 0.81	23.31 -1.71 0.00	23.36 -2.12 0.00	24.74 -2.25 0.00	26.18 -2.15 0.00	28.24 -2.30 0.00	32.31 -2.66 0.00	41.28 -3.42 0.00	29.85 -1.93 0.00	26.56 -1.58 0.21	25.39 -1.23 0.00	28.82 -1.63 0.00	24.37 -1.60 0.39	23.75 -1.59 0.53	24.65 -1.59 0.31	25.43 -1.85 0.40	29.89 -2.17 0.54	30.99 -2.74 0.00	43.73 -4.09 0.00	58.94 -5.19 0.00	52.32 -4.69 0.00	52.47 -5.23 0.00	50.14 -3.85 0.00	28.64 -1.76 0.37
OLIN_CORP_DRP 24177	25.15 -2.12 0.00	23.23 -1.79 0.00	23.26 -2.22 0.00	24.62 -2.38 0.00	26.06 -2.27 0.00	28.10 -2.43 0.00	32.02 -2.96 0.00	40.84 -3.86 0.00	29.60 -2.18 0.00	26.39 -1.72 0.24	25.16 -1.47 0.00	28.56 -1.89 0.00	24.06 -1.85 0.46	23.48 -1.76 0.63	24.32 -1.86 0.37	25.12 -2.09 0.47	29.54 -2.42 0.64	30.59 -3.15 0.00	43.14 -4.69 0.00	58.25 -5.87 0.00	51.71 -5.30 0.00	51.85 -5.84 0.00	49.80 -4.20 0.00	28.90 -1.87 0.00
OLIN_CORP_DSASP 323712	25.02 -2.24 0.00	23.10 -1.92 0.00	23.16 -2.33 0.00	24.51 -2.49 0.00	25.94 -2.39 0.00	27.97 -2.57 0.00	31.99 -2.98 0.00	40.86 -3.84 0.00	29.59 -2.18 0.00	26.32 -1.79 0.24	25.20 -1.43 0.00	28.58 -1.88 0.00	24.10 -1.81 0.45	23.47 -1.78 0.62	24.39 -1.80 0.36	25.16 -2.05 0.46	29.54 -2.42 0.63	30.63 -3.10 0.00	43.18 -4.64 0.00	58.24 -5.88 0.00	51.71 -5.30 0.00	51.86 -5.84 0.00	49.67 -4.33 0.00	28.77 -2.00 0.00
ONEIDA_HERK_LFGE 323681	27.13 -0.13 0.00	24.86 -0.25 -0.09	26.17 -0.31 -1.00	26.61 -0.30 0.09	29.08 -0.31 -1.06	30.97 -0.21 -0.65	34.83 -0.14 0.00	44.50 -0.20 0.00	31.57 -0.21 0.00	28.16 -0.19 0.00	26.39 -0.23 0.00	30.11 -0.34 0.00	26.13 -0.23 0.00	25.54 -0.32 0.01	24.78 -0.37 1.41	27.61 -0.47 -0.41	31.64 -0.65 0.32	33.26 -0.47 0.00	47.85 -0.18 -0.21	64.78 0.66 0.00	57.79 0.78 0.00	58.33 0.63 0.00	54.52 0.52 0.00	30.96 0.19 0.00
ONEIDA___115KV_TB4 55905	27.54 0.28 0.00	25.23 0.21 0.00	25.66 0.18 0.00	27.21 0.21 0.00	28.55 0.22 0.00	30.83 0.29 0.00	35.40 0.43 0.00	45.20 0.50 0.00	32.01 0.23 0.00	28.55 0.19 0.00	26.79 0.16 0.00	30.64 0.19 0.00	26.57 0.21 0.00	26.06 0.19 0.00	26.75 0.20 0.00	28.77 0.16 -0.94	32.72 0.12 0.00	34.03 0.30 0.00	48.91 0.77 -0.32	65.44 1.32 0.00	58.24 1.24 0.00	58.71 1.02 0.00	54.86 0.87 0.00	31.27 0.49 0.00
ONONDAGA_REF_OCCRA 23987	26.96 -0.30 0.00	24.74 -0.28 0.00	25.17 -0.32 0.00	26.69 -0.31 0.00	27.96 -0.37 0.00	30.19 -0.35 0.00	34.57 -0.41 0.00	44.10 -0.60 0.00	31.28 -0.49 0.00	27.89 -0.47 0.00	26.22 -0.40 0.00	30.03 -0.43 0.00	26.07 -0.29 0.00	25.65 -0.22 0.00	26.34 -0.21 0.00	27.33 -0.34 0.00	32.27 -0.33 0.00	33.36 -0.38 0.00	47.97 -0.49 -0.64	63.52 -0.61 0.00	56.44 -0.57 0.00	56.92 -0.78 0.00	53.35 -0.64 0.00	30.55 -0.22 0.00
ONONDAGA___COGEN 23986	26.89 -0.37 0.00	24.68 -0.34 0.00	25.12 -0.37 0.00	26.63 -0.37 0.00	27.92 -0.40 0.00	30.13 -0.41 0.00	34.50 -0.48 0.00	43.98 -0.72 0.00	31.20 -0.58 0.00	27.81 -0.54 0.00	26.15 -0.48 0.00	29.94 -0.51 0.00	25.99 -0.37 0.00	25.59 -0.28 0.00	26.25 -0.30 0.00	27.23 -0.44 0.00	32.18 -0.42 0.00	33.26 -0.47 0.00	48.09 -0.63 -0.91	63.32 -0.80 0.00	56.24 -0.77 0.00	56.75 -0.95 0.00	53.17 -0.82 0.00	30.46 -0.31 0.00
ONTARIO___LFGE 23819	26.71 -0.55 0.00	24.55 -0.47 0.00	24.81 -0.68 0.00	26.31 -0.69 0.00	27.66 -0.67 0.00	29.90 -0.64 0.00	34.33 -0.64 0.00	43.87 -0.84 0.00	31.25 -0.52 0.00	27.97 -0.49 -0.11	26.25 -0.38 0.00	29.98 -0.47 0.00	26.16 -0.49 -0.28	25.84 -0.42 -0.39	26.35 -0.43 -0.23	27.31 -0.65 -0.29	32.55 -0.45 -0.40	33.19 -0.54 0.00	47.45 -0.66 -0.29	63.30 -0.82 0.00	56.09 -0.91 0.00	56.38 -1.32 0.00	52.99 -1.01 0.00	30.50 -0.27 0.00
ORANGEVILLE_WT_PWR 323706	25.63 -1.63 0.00	23.56 -1.46 0.00	23.62 -1.86 0.00	25.00 -2.00 0.00	26.33 -2.00 0.00	28.44 -2.10 0.00	32.62 -2.36 0.00	41.70 -3.00 0.00	29.78 -2.00 0.00	25.56 -1.91 0.88	25.00 -1.62 0.01	28.57 -1.88 0.00	22.79 -1.71 1.86	21.62 -1.67 2.58	23.40 -1.64 1.51	23.84 -1.92 1.91	27.98 -1.99 2.63	31.74 -2.00 0.00	44.92 -2.90 0.00	60.78 -3.35 0.00	53.91 -3.10 0.00	54.05 -3.65 0.00	51.33 -2.67 0.00	29.70 -1.08 0.00
ORANGEVILLE___ESR 323794	25.63 -1.63 0.00	23.56 -1.46 0.00	23.62 -1.86 0.00	25.00 -2.00 0.00	26.33 -2.00 0.00	28.44 -2.10 0.00	32.62 -2.36 0.00	41.70 -3.00 0.00	29.78 -2.00 0.00	25.56 -1.91 0.88	25.00 -1.62 0.01	28.57 -1.88 0.00	22.79 -1.71 1.86	21.62 -1.67 2.58	23.40 -1.64 1.51	23.84 -1.92 1.91	27.98 -1.99 2.63	31.74 -2.00 0.00	44.92 -2.90 0.00	60.78 -3.35 0.00	53.91 -3.10 0.00	54.05 -3.65 0.00	51.33 -2.67 0.00	29.70 -1.08 0.00
OSWEGATCHIE___HYD 24044	25.97 -1.29 0.00	24.08 -1.37 -0.44	29.03 -1.46 -5.01	22.24 -1.55 3.22	32.12 -1.52 -5.32	32.28 -1.50 -3.25	33.52 -1.45 0.00	43.00 -1.70 0.00	30.42 -1.36 0.00	27.08 -1.27 0.00	25.22 -1.41 0.00	28.73 -1.73 0.00	24.83 -1.53 0.00	24.02 -1.76 0.08	12.61 -1.93 12.01	0.28 -2.12 25.27	28.34 -2.50 1.76	31.27 -2.47 0.00	45.20 -2.91 -0.30	61.94 -2.18 0.00	55.57 -1.43 0.00	56.49 -1.21 0.00	52.81 -1.19 0.00	29.86 -0.91 0.00
OSWEGO___5 23606	26.52 -0.74 0.00	24.34 -0.68 0.00	24.78 -0.70 0.00	26.27 -0.72 0.00	27.54 -0.79 0.00	29.70 -0.84 0.00	33.98 -0.99 0.00	43.35 -1.36 0.00	30.79 -0.99 0.00	27.46 -0.90 0.00	25.80 -0.83 0.00	29.52 -0.93 0.00	25.59 -0.77 0.00	25.15 -0.72 0.00	25.79 -0.76 0.00	26.79 -0.88 0.00	31.60 -1.00 0.00	32.67 -1.07 0.00	49.49 -1.51 -3.18	62.12 -2.01 0.00	55.21 -1.80 0.00	55.77 -1.94 -0.01	52.28 -1.72 0.00	29.96 -0.81 0.00
OSWEGO___6 23613	26.52 -0.74 0.00	24.34 -0.68 0.00	24.78 -0.70 0.00	26.27 -0.72 0.00	27.54 -0.79 0.00	29.70 -0.84 0.00	33.98 -0.99 0.00	43.35 -1.36 0.00	30.79 -0.99 0.00	27.46 -0.90 0.00	25.80 -0.83 0.00	29.52 -0.93 0.00	25.59 -0.77 0.00	25.15 -0.72 0.00	25.79 -0.76 0.00	26.79 -0.88 0.00	31.60 -1.00 0.00	32.67 -1.07 0.00	49.49 -1.51 -3.18	62.12 -2.01 0.00	55.21 -1.80 0.00	55.77 -1.94 -0.01	52.28 -1.72 0.00	29.96 -0.81 0.00

OUTOKUMPU-AB___DRP 24206	25.54 -1.73 0.00	23.57 -1.45 0.00	23.60 -1.89 0.00	24.98 -2.02 0.00	26.43 -1.90 0.00	28.53 -2.01 0.00	32.65 -2.32 0.00	41.71 -2.99 0.00	30.18 -1.59 0.00	26.87 -1.23 0.26	25.64 -0.99 0.00	29.13 -1.32 0.00	24.48 -1.40 0.48	23.90 -1.31 0.66	24.79 -1.37 0.39	25.61 -1.57 0.49	30.12 -1.81 0.67	31.32 -2.41 0.00	44.20 -3.62 0.00	59.68 -4.45 0.00	52.98 -4.03 0.00	53.13 -4.57 0.00	50.78 -3.21 0.00	29.40 -1.38 0.00
OXBOW___BTM 323836	25.26 -2.00 0.00	23.33 -1.69 0.00	23.36 -2.13 0.00	24.73 -2.27 0.00	26.16 -2.17 0.00	28.23 -2.31 0.00	32.31 -2.67 0.00	41.27 -3.44 0.00	29.88 -1.90 0.00	26.56 -1.54 0.25	25.43 -1.20 0.00	28.83 -1.62 0.00	24.31 -1.59 0.46	23.67 -1.56 0.64	24.60 -1.58 0.38	25.37 -1.83 0.48	29.82 -2.13 0.65	30.96 -2.77 0.00	43.67 -4.15 0.00	58.93 -5.20 0.00	52.32 -4.69 0.00	52.44 -5.26 0.00	50.19 -3.80 0.00	29.06 -1.71 0.00
OXBOW___ 24026	25.26 -2.00 0.00	23.33 -1.69 0.00	23.36 -2.12 0.00	24.73 -2.27 0.00	26.17 -2.16 0.00	28.23 -2.30 0.00	32.30 -2.67 0.00	41.27 -3.43 0.00	29.87 -1.90 0.00	26.61 -1.49 0.25	25.40 -1.23 0.00	28.85 -1.60 0.00	24.27 -1.63 0.46	23.69 -1.54 0.64	24.56 -1.62 0.38	25.37 -1.83 0.48	29.82 -2.12 0.65	30.97 -2.77 0.00	43.67 -4.15 0.00	58.93 -5.19 0.00	52.30 -4.70 0.00	52.47 -5.23 0.00	50.19 -3.81 0.00	29.06 -1.71 0.00
OXY_CHEM_DSASP 323612	25.02 -2.24 0.00	23.11 -1.91 0.00	23.16 -2.32 0.00	24.51 -2.49 0.00	25.94 -2.39 0.00	27.97 -2.57 0.00	32.00 -2.98 0.00	40.87 -3.84 0.00	29.59 -2.19 0.00	26.37 -1.74 0.24	25.17 -1.45 0.00	28.60 -1.86 0.00	24.06 -1.85 0.45	23.50 -1.75 0.62	24.35 -1.84 0.36	25.16 -2.05 0.46	29.56 -2.41 0.63	30.63 -3.10 0.00	43.18 -4.64 0.00	58.25 -5.87 0.00	51.71 -5.30 0.00	51.86 -5.83 0.00	49.67 -4.33 0.00	28.77 -2.00 0.00
OZONE_PARK_ESR 323760	29.25 1.99 0.00	26.83 1.81 0.00	27.25 1.77 0.00	28.87 1.87 0.00	30.17 1.85 0.00	32.65 2.11 0.00	37.36 2.38 0.00	47.91 3.20 0.00	34.21 2.43 0.00	30.73 2.37 0.00	32.23 2.23 -3.37	33.45 2.67 -0.32	28.97 2.61 0.00	30.13 2.82 -1.44	29.49 2.94 0.00	30.83 3.16 0.00	36.24 3.63 0.00	37.47 3.73 0.00	52.79 4.98 0.00	70.41 6.29 0.00	62.48 5.48 0.00	62.95 5.25 0.00	58.63 4.64 0.00	33.33 2.56 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.02 -2.24 0.00	23.11 -1.91 0.00	23.16 -2.32 0.00	24.51 -2.49 0.00	25.94 -2.39 0.00	27.97 -2.57 0.00	32.00 -2.98 0.00	40.87 -3.84 0.00	29.59 -2.19 0.00	26.37 -1.74 0.24	25.17 -1.45 0.00	28.60 -1.86 0.00	24.06 -1.85 0.45	23.50 -1.75 0.62	24.35 -1.84 0.36	25.16 -2.05 0.46	29.56 -2.41 0.63	30.63 -3.10 0.00	43.18 -4.64 0.00	58.25 -5.87 0.00	51.71 -5.30 0.00	51.86 -5.83 0.00	49.67 -4.33 0.00	28.77 -2.00 0.00
PACKARD__115KV_DUPONT_184 80571	25.02 -2.24 0.00	23.11 -1.91 0.00	23.16 -2.32 0.00	24.51 -2.49 0.00	25.94 -2.39 0.00	27.97 -2.57 0.00	32.00 -2.98 0.00	40.87 -3.84 0.00	29.59 -2.19 0.00	26.37 -1.74 0.24	25.17 -1.45 0.00	28.60 -1.86 0.00	24.06 -1.85 0.45	23.50 -1.75 0.62	24.35 -1.84 0.36	25.16 -2.05 0.46	29.56 -2.41 0.63	30.63 -3.10 0.00	43.18 -4.64 0.00	58.25 -5.87 0.00	51.71 -5.30 0.00	51.86 -5.83 0.00	49.67 -4.33 0.00	28.77 -2.00 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.04 1.77 0.00	26.63 1.61 0.00	27.06 1.57 0.00	28.64 1.65 0.00	29.93 1.61 0.00	32.40 1.87 0.00	37.08 2.10 0.00	47.55 2.85 0.00	33.94 2.17 0.00	30.45 2.08 -0.01	31.95 1.95 -3.37	33.16 2.38 -0.33	28.70 2.33 -0.01	29.81 2.50 -1.44	29.18 2.63 0.00	30.50 2.83 0.00	35.79 3.19 0.00	36.97 3.24 0.00	52.12 4.30 0.00	69.59 5.46 0.00	61.78 4.77 0.00	62.28 4.58 0.00	58.05 4.05 0.00	32.99 2.22 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.46 2.20 0.00	27.01 1.99 0.00	27.49 2.00 0.00	29.12 2.12 0.00	30.44 2.12 0.00	32.99 2.45 0.00	37.77 2.80 0.00	48.40 3.70 0.00	34.51 2.73 0.00	30.90 2.54 -0.01	32.39 2.39 -3.37	33.68 2.90 -0.33	29.29 2.93 -0.01	30.38 3.06 -1.44	29.75 3.19 0.00	31.09 3.41 0.00	36.52 3.91 0.00	37.78 4.05 0.00	53.17 5.35 0.00	71.00 6.87 0.00	63.07 6.06 0.00	63.53 5.83 0.00	59.22 5.23 0.00	33.64 2.87 0.00
PATROON__115KV_TB1 80586	27.91 0.65 0.00	25.63 0.62 0.00	26.17 0.69 0.00	27.71 0.71 0.00	29.03 0.70 0.00	31.32 0.78 0.00	35.76 0.78 0.00	45.64 0.94 0.00	32.52 0.75 0.00	28.99 0.64 0.00	27.19 0.56 0.00	31.16 0.70 0.00	27.03 0.67 0.00	26.68 0.81 0.00	27.42 0.86 0.00	28.63 0.96 0.00	33.68 1.08 0.00	34.87 1.14 0.00	49.42 1.60 0.00	66.05 1.93 0.00	58.60 1.59 0.00	59.30 1.61 0.00	55.28 1.29 0.00	31.52 0.75 0.00
PATTRSNVILLE___SOLAR 323815	28.58 1.32 0.00	26.22 1.21 0.00	26.72 1.24 0.00	28.31 1.32 0.00	29.73 1.40 0.00	32.09 1.55 0.00	36.83 1.86 0.00	47.06 2.35 0.00	33.08 1.30 0.00	28.89 0.53 0.00	26.90 0.27 0.00	31.23 0.77 0.00	26.87 0.51 0.00	26.57 0.69 0.00	27.11 0.55 0.00	28.11 0.44 0.00	33.65 1.05 0.00	35.13 1.39 0.00	50.04 2.22 0.00	67.82 3.69 0.00	60.43 3.42 0.00	61.16 3.46 0.00	57.14 3.15 0.00	32.51 1.74 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.75 -1.51 0.00	23.75 -1.27 0.00	23.81 -1.68 0.00	25.25 -1.75 0.00	26.68 -1.65 0.00	28.82 -1.72 0.00	33.01 -1.97 0.00	42.21 -2.50 0.00	30.44 -1.33 0.00	27.06 -1.04 0.26	25.81 -0.82 0.00	29.42 -1.04 0.00	24.74 -1.12 0.50	24.13 -1.05 0.69	25.07 -1.08 0.41	25.86 -1.30 0.52	30.50 -1.39 0.71	31.84 -1.89 0.00	44.97 -2.85 0.00	60.63 -3.49 0.00	53.74 -3.27 0.00	53.87 -3.83 0.00	51.24 -2.75 0.00	29.64 -1.13 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.95 1.68 0.00	26.56 1.54 0.00	27.02 1.53 0.00	28.62 1.62 0.00	29.95 1.62 0.00	32.38 1.84 0.00	37.02 2.05 0.00	47.42 2.72 0.00	33.82 2.05 0.00	30.30 1.95 0.00	29.07 1.82 -0.62	32.66 2.15 -0.06	28.44 2.08 0.00	28.40 2.26 -0.27	28.93 2.38 0.00	30.26 2.59 0.00	35.59 2.99 0.00	36.86 3.13 0.00	52.09 4.27 0.00	69.51 5.39 0.00	61.73 4.72 0.00	62.28 4.58 0.00	57.93 3.94 0.00	32.89 2.12 0.00
PEEKSKILL___ 23653	28.79 1.53 0.00	26.43 1.41 0.00	26.87 1.38 0.00	28.47 1.47 0.00	29.79 1.46 0.00	32.20 1.67 0.00	36.79 1.82 0.00	47.11 2.41 0.00	33.58 1.80 0.00	30.12 1.77 0.00	32.02 1.66 -3.73	32.80 1.99 -0.36	28.34 1.98 0.00	29.65 2.18 -1.60	28.82 2.26 0.00	30.15 2.48 0.00	35.43 2.83 0.00	36.68 2.95 0.00	51.78 3.96 0.00	69.06 4.94 0.00	61.37 4.36 0.00	61.91 4.21 0.00	57.58 3.59 0.00	32.74 1.96 0.00
PGE MADISON___WINDPWR 24146	26.63 -0.64 0.00	24.35 -0.67 0.00	24.94 -0.55 0.00	26.80 -0.20 0.00	28.30 -0.03 0.00	30.72 0.18 0.00	35.96 0.99 0.00	46.57 1.87 0.00	33.33 1.56 0.00	29.58 1.23 0.00	27.69 1.06 0.00	31.51 1.06 0.00	27.27 0.91 0.00	26.43 0.56 0.00	27.27 0.72 0.00	28.57 0.90 0.00	34.22 1.61 0.00	35.13 1.40 0.00	51.28 3.11 -0.35	68.99 4.86 0.00	61.46 4.45 0.00	61.47 3.77 0.00	57.35 3.36 0.00	32.60 1.82 0.00

PIERCEFIELD___HYD 23852	26.32 -0.94 0.00	24.68 -0.98 -0.64	31.85 -1.02 -7.38	20.92 -1.10 4.97	35.16 -1.01 -7.84	34.29 -1.03 -4.78	34.08 -0.89 0.00	43.84 -0.86 0.00	30.97 -0.81 0.00	27.54 -0.82 0.00	25.70 -0.93 0.00	29.18 -1.27 0.00	25.07 -1.29 0.00	24.21 -1.54 0.13	6.76 -1.66 18.12	-7.89 -1.69 33.86	28.07 -1.93 2.60	31.79 -1.94 0.00	45.28 -2.69 -0.16	61.58 -2.54 0.00	55.14 -1.87 0.00	56.51 -1.19 0.00	52.85 -1.14 0.00	29.89 -0.88 0.00
PINELAWN_CC_1 323563	29.22 1.95 0.00	26.85 1.82 0.00	27.29 1.80 0.00	28.89 1.90 0.00	30.20 1.87 0.00	32.74 2.20 0.00	37.30 2.33 0.00	47.69 2.98 0.00	33.97 2.19 0.00	31.62 2.25 -1.02	39.19 2.16 -10.40	39.36 2.56 -6.34	35.10 2.38 -6.36	44.59 2.58 -16.14	50.26 2.46 -21.25	40.71 2.52 -10.53	45.00 2.66 -9.73	48.28 2.80 -11.76	65.49 3.79 -13.88	74.31 4.59 -5.60	77.39 4.30 -16.09	142.72 4.65 -80.37	57.90 3.90 0.00	33.32 2.55 0.00
PJM_GEN_HTTP_PROXY 323702	29.01 1.75 0.00	26.62 1.59 0.00	27.05 1.56 0.00	28.65 1.66 0.00	29.96 1.63 0.00	32.41 1.87 0.00	37.04 2.07 0.00	47.50 2.79 0.00	33.89 2.11 0.00	30.43 2.08 0.00	31.96 1.96 -3.38	33.15 2.37 -0.32	28.69 2.33 0.00	29.87 2.55 -1.45	29.20 2.65 0.00	30.54 2.87 0.00	35.86 3.26 0.00	37.07 3.34 0.00	52.25 4.43 0.00	69.71 5.58 0.00	61.84 4.84 0.00	60.45 4.64 1.89	56.55 4.05 1.50	33.01 2.24 0.00
PJM_GEN_KEystone 24065	27.34 0.08 0.00	25.17 0.15 0.00	25.45 -0.04 0.00	27.04 0.04 0.00	28.38 0.05 0.00	30.68 0.14 0.00	35.03 0.06 0.00	44.80 0.10 0.00	32.02 0.24 0.00	28.64 0.35 0.06	21.48 0.42 5.57	30.42 0.50 0.53	26.81 0.56 0.11	24.02 0.68 2.54	27.21 0.74 0.09	28.32 0.76 0.11	33.34 0.89 0.16	34.51 0.77 0.00	48.76 0.94 0.00	65.20 1.08 0.00	57.82 0.81 0.00	59.67 0.46 -1.52	52.95 0.45 1.50	31.17 0.40 0.00
PJM_GEN_NEPTUNE_PROXY 323594	28.91 1.65 0.00	26.57 1.55 0.00	27.01 1.53 0.00	28.61 1.61 0.00	29.90 1.58 0.00	32.39 1.85 0.00	36.91 1.94 0.00	47.20 2.50 0.00	33.64 1.86 0.00	30.39 1.93 -0.10	32.60 1.92 -4.05	32.92 2.27 -0.20	29.03 2.17 -0.50	29.26 2.41 -0.98	24.32 2.44 4.68	32.02 2.57 -1.78	36.00 2.77 -0.64	37.98 2.98 -1.27	53.35 4.01 -1.52	69.65 4.91 -0.61	65.17 4.56 -3.60	119.83 4.68 -57.46	56.28 3.78 1.50	32.99 2.23 0.01
PJM_GEN_VFT_PROXY 323633	28.90 1.64 0.00	26.52 1.50 0.00	26.94 1.46 0.00	28.54 1.55 0.00	29.84 1.51 0.00	32.29 1.75 0.00	36.89 1.92 0.00	47.28 2.57 0.00	33.74 1.96 0.00	30.30 1.95 0.00	31.83 1.83 -3.37	32.99 2.22 -0.32	28.58 2.22 0.00	29.78 2.46 -1.44	29.11 2.56 0.00	30.46 2.79 0.00	35.76 3.16 0.00	36.98 3.25 0.00	52.13 4.31 0.00	69.49 5.36 0.00	61.69 4.69 0.00	60.30 4.49 1.89	56.37 3.87 1.50	32.92 2.15 0.00
PLATSBURG_115KV_PMLD1 355749	26.88 -0.39 0.00	20.36 -0.66 4.00	-21.27 -0.90 45.87	-21.14 -0.98 47.15	-21.30 -0.91 48.71	-0.10 -0.92 29.73	34.35 -0.63 0.00	44.49 -0.21 0.00	31.63 -0.15 0.00	28.49 0.13 0.00	26.60 -0.03 0.00	29.89 -0.56 0.00	25.54 -0.82 0.00	24.65 -1.06 0.16	2.59 -1.16 22.80	-13.98 -1.22 40.43	18.18 -1.33 13.09	32.46 -1.27 0.00	46.19 -1.63 0.00	62.42 -1.71 0.00	55.96 -1.05 0.00	57.20 -0.50 0.00	53.40 -0.60 0.00	30.44 -0.34 0.00
PLEASANTVLY___LBMP 24000	28.62 1.36 0.00	26.27 1.25 0.00	26.74 1.26 0.00	28.33 1.34 0.00	29.64 1.32 0.00	32.02 1.48 0.00	36.58 1.60 0.00	46.81 2.11 0.00	33.37 1.59 0.00	29.89 1.54 0.00	29.07 1.44 -1.00	32.27 1.72 -0.10	28.06 1.70 0.00	28.17 1.87 -0.43	28.49 1.93 0.00	29.76 2.09 0.00	34.99 2.39 0.00	36.24 2.51 0.00	51.23 3.41 0.00	68.38 4.25 0.00	60.72 3.72 0.00	61.32 3.62 0.00	57.07 3.08 0.00	32.44 1.67 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.80 1.54 0.00	26.43 1.41 0.00	26.89 1.40 0.00	28.48 1.49 0.00	29.80 1.47 0.00	32.20 1.66 0.00	36.79 1.82 0.00	47.11 2.41 0.00	33.60 1.83 0.00	30.13 1.78 0.00	29.85 1.68 -1.55	32.59 1.99 -0.15	28.32 1.96 0.00	28.68 2.15 -0.66	28.79 2.24 0.00	30.10 2.43 0.00	35.38 2.78 0.00	36.63 2.90 0.00	51.75 3.93 0.00	69.01 4.88 0.00	61.29 4.27 0.00	61.83 4.13 0.00	57.55 3.56 0.00	32.70 1.93 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.80 1.54 0.00	26.43 1.41 0.00	26.89 1.40 0.00	28.48 1.49 0.00	29.80 1.47 0.00	32.20 1.66 0.00	36.79 1.82 0.00	47.11 2.41 0.00	33.60 1.83 0.00	30.13 1.78 0.00	29.85 1.68 -1.55	32.59 1.99 -0.15	28.32 1.96 0.00	28.68 2.15 -0.66	28.79 2.24 0.00	30.10 2.43 0.00	35.38 2.78 0.00	36.63 2.90 0.00	51.75 3.93 0.00	69.01 4.88 0.00	61.29 4.27 0.00	61.83 4.13 0.00	57.55 3.56 0.00	32.70 1.93 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.85 1.59 0.00	26.47 1.45 0.00	26.94 1.46 0.00	28.54 1.54 0.00	29.86 1.54 0.00	32.28 1.74 0.00	36.89 1.92 0.00	47.23 2.53 0.00	33.68 1.90 0.00	30.15 1.79 0.00	28.28 1.65 0.00	32.40 1.94 0.00	28.23 1.87 0.00	27.92 2.04 0.00	28.69 2.13 0.00	30.01 2.35 0.00	35.33 2.73 0.00	36.61 2.88 0.00	51.81 3.99 0.00	69.19 5.07 0.00	61.45 4.44 0.00	62.01 4.31 0.00	57.70 3.70 0.00	32.76 1.99 0.00
POLETTI____ 23519	29.01 1.74 0.00	26.61 1.59 0.00	27.04 1.56 0.00	28.64 1.65 0.00	29.92 1.60 0.00	32.36 1.83 0.00	37.00 2.03 0.00	47.42 2.72 0.00	33.86 2.08 0.00	30.42 2.06 0.00	31.95 1.95 -3.37	33.11 2.34 -0.32	28.69 2.33 0.00	29.87 2.55 -1.44	29.19 2.64 0.00	30.52 2.85 0.00	35.84 3.24 0.00	37.05 3.32 0.00	52.19 4.37 0.00	69.60 5.48 0.00	61.78 4.77 0.00	62.26 4.56 0.00	57.99 3.99 0.00	32.99 2.22 0.00
POMONA___ESR 323819	28.79 1.53 0.00	26.43 1.41 0.00	26.86 1.38 0.00	28.48 1.48 0.00	29.80 1.47 0.00	32.22 1.68 0.00	36.79 1.82 0.00	47.10 2.40 0.00	33.57 1.79 0.00	30.11 1.75 0.00	22.52 1.65 5.76	31.89 1.99 0.55	28.35 1.99 0.00	25.62 2.21 2.47	28.86 2.30 0.00	30.20 2.53 0.00	35.49 2.89 0.00	36.75 3.02 0.00	51.89 4.07 0.00	69.18 5.06 0.00	61.50 4.49 0.00	62.03 4.33 0.00	57.67 3.67 0.00	32.76 1.98 0.00
PORT_JEFF_3 23555	29.44 2.17 -0.01	27.07 2.05 0.00	27.51 2.02 0.00	29.12 2.13 0.00	30.44 2.11 0.00	32.98 2.44 0.00	37.58 2.61 0.00	47.96 3.26 0.00	34.12 2.35 0.00	31.17 2.39 -0.43	35.20 2.26 -6.31	35.47 2.63 -2.39	31.45 2.49 -2.59	35.07 2.71 -6.50	34.47 2.74 -5.17	35.49 2.90 -4.91	39.84 3.14 -4.11	42.57 3.46 -5.39	58.89 4.66 -6.41	72.43 5.72 -2.58	70.86 5.30 -8.55	131.05 5.47 -67.88	58.63 4.64 0.00	33.53 2.76 0.00
PORT_JEFF_4 23616	29.44 2.17 -0.01	27.07 2.05 0.00	27.51 2.02 0.00	29.12 2.13 0.00	30.44 2.11 0.00	32.98 2.44 0.00	37.58 2.61 0.00	47.96 3.26 0.00	34.12 2.35 0.00	31.17 2.39 -0.43	35.20 2.26 -6.31	35.47 2.63 -2.39	31.45 2.49 -2.59	35.07 2.71 -6.50	34.47 2.74 -5.17	35.49 2.90 -4.91	39.84 3.14 -4.11	42.57 3.46 -5.39	58.89 4.66 -6.41	72.43 5.72 -2.58	70.86 5.30 -8.55	131.05 5.47 -67.88	58.63 4.64 0.00	33.53 2.76 0.00

PORT_JEFF_IC 23713	29.48 2.20 -0.01	27.09 2.07 0.00	27.53 2.05 0.00	29.15 2.15 0.00	30.46 2.13 0.00	33.02 2.48 0.00	37.62 2.65 0.00	48.01 3.31 0.00	34.16 2.39 0.00	31.20 2.40 -0.44	35.31 2.28 -6.40	35.56 2.63 -2.48	31.56 2.52 -2.68	35.30 2.72 -6.72	34.88 2.78 -5.55	35.64 2.93 -5.04	40.03 3.18 -4.25	42.79 3.51 -5.55	59.10 4.67 -6.61	72.54 5.75 -2.66	71.08 5.32 -8.75	131.42 5.47 -68.25	58.72 4.73 0.00	33.57 2.80 0.00
PPL PILGRIM_ST_GT1 24216	29.41 2.15 0.00	27.04 2.02 0.00	27.48 2.00 0.00	29.11 2.11 0.00	30.41 2.08 0.00	32.97 2.43 0.00	37.55 2.58 0.00	47.97 3.27 0.00	34.14 2.36 0.00	31.26 2.41 -0.50	35.78 2.31 -6.84	36.08 2.73 -2.90	32.02 2.58 -3.08	36.39 2.76 -7.76	36.70 2.79 -7.36	36.24 2.93 -5.64	40.65 3.14 -4.92	43.51 3.43 -6.35	60.09 4.72 -7.56	72.66 5.49 -3.04	71.77 5.06 -9.71	132.98 5.43 -69.85	58.65 4.66 0.00	33.53 2.76 0.00
PPL PILGRIM_ST_GT2 24217	29.41 2.15 0.00	27.04 2.02 0.00	27.48 2.00 0.00	29.11 2.11 0.00	30.41 2.08 0.00	32.97 2.43 0.00	37.55 2.58 0.00	47.97 3.27 0.00	34.14 2.36 0.00	31.26 2.41 -0.50	35.78 2.31 -6.84	36.08 2.73 -2.90	32.02 2.58 -3.08	36.39 2.76 -7.76	36.70 2.79 -7.36	36.24 2.93 -5.64	40.65 3.14 -4.92	43.51 3.43 -6.35	60.09 4.72 -7.56	72.66 5.49 -3.04	71.77 5.06 -9.71	132.98 5.43 -69.85	58.65 4.66 0.00	33.53 2.76 0.00
PPL_SHRM_GT3 24213	29.59 2.32 -0.01	27.21 2.20 0.00	27.64 2.16 0.00	29.27 2.27 0.00	30.58 2.25 0.00	33.15 2.61 0.00	37.78 2.81 0.00	48.16 3.46 0.00	34.24 2.46 0.00	31.27 2.48 -0.43	35.29 2.31 -6.35	35.53 2.65 -2.43	31.51 2.53 -2.63	35.18 2.72 -6.58	34.65 2.78 -5.32	35.57 2.93 -4.96	39.98 3.21 -4.16	42.80 3.61 -5.45	59.35 5.04 -6.49	73.06 6.32 -2.61	71.48 5.85 -8.63	131.68 5.96 -68.02	58.98 4.99 0.00	33.72 2.95 0.00
PPL_SHRM_GT4 24214	29.59 2.32 -0.01	27.21 2.20 0.00	27.64 2.16 0.00	29.27 2.27 0.00	30.58 2.25 0.00	33.15 2.61 0.00	37.78 2.81 0.00	48.16 3.46 0.00	34.24 2.46 0.00	31.27 2.48 -0.43	35.29 2.31 -6.35	35.53 2.65 -2.43	31.51 2.53 -2.63	35.18 2.72 -6.58	34.65 2.78 -5.32	35.57 2.93 -4.96	39.98 3.21 -4.16	42.80 3.61 -5.45	59.35 5.04 -6.49	73.06 6.32 -2.61	71.48 5.85 -8.63	131.68 5.96 -68.02	58.98 4.99 0.00	33.72 2.95 0.00
PROJECT___ORANGE 1 24174	26.84 -0.42 0.00	24.62 -0.40 0.00	25.05 -0.43 0.00	26.57 -0.43 0.00	27.85 -0.48 0.00	30.05 -0.49 0.00	34.39 -0.58 0.00	43.87 -0.83 0.00	31.14 -0.63 0.00	27.78 -0.57 0.00	26.11 -0.52 0.00	29.89 -0.56 0.00	25.96 -0.40 0.00	25.57 -0.30 0.00	26.24 -0.31 0.00	27.22 -0.45 0.00	32.14 -0.46 0.00	33.18 -0.55 0.00	47.63 -0.77 -0.59	63.12 -1.00 0.00	56.06 -0.95 0.00	56.57 -1.13 0.00	53.05 -0.94 0.00	30.39 -0.38 0.00
PROJECT___ORANGE 2 24166	26.84 -0.42 0.00	24.62 -0.40 0.00	25.05 -0.43 0.00	26.57 -0.43 0.00	27.85 -0.48 0.00	30.05 -0.49 0.00	34.39 -0.58 0.00	43.87 -0.83 0.00	31.14 -0.63 0.00	27.78 -0.57 0.00	26.11 -0.52 0.00	29.89 -0.56 0.00	25.96 -0.40 0.00	25.57 -0.30 0.00	26.24 -0.31 0.00	27.22 -0.45 0.00	32.14 -0.46 0.00	33.18 -0.55 0.00	47.63 -0.77 -0.59	63.12 -1.00 0.00	56.06 -0.95 0.00	56.57 -1.13 0.00	53.05 -0.94 0.00	30.39 -0.38 0.00
PUCKETT___SOLAR 323809	26.98 -0.28 0.00	24.75 -0.27 0.00	25.17 -0.32 0.00	26.86 -0.14 0.00	28.15 -0.17 0.00	30.38 -0.16 0.00	34.94 -0.04 0.00	44.73 0.02 0.00	31.78 0.00 0.00	28.29 -0.06 0.00	26.52 -0.11 0.00	30.39 -0.07 0.00	26.29 -0.07 0.00	25.88 0.01 0.00	26.61 0.05 0.00	27.71 0.03 0.00	32.74 0.14 0.00	33.92 0.19 0.00	48.69 0.55 -0.31	65.14 1.02 0.00	57.83 0.82 0.00	58.11 0.42 0.00	54.47 0.48 0.00	31.15 0.37 0.00
PYRITES___HYD 24023	27.08 -0.18 0.00	25.34 -0.26 -0.58	31.81 -0.29 -6.62	20.83 -0.33 5.84	35.19 -0.17 -7.03	34.73 -0.10 -4.29	35.17 0.20 0.00	45.21 0.51 0.00	31.88 0.10 0.00	28.28 -0.07 0.00	26.29 -0.34 0.00	29.71 -0.75 0.00	25.51 -0.86 0.00	24.65 -1.09 0.13	6.67 -1.25 18.63	-8.09 -1.19 34.57	28.84 -1.36 2.40	32.35 -1.38 0.00	46.14 -1.83 -0.15	63.21 -0.92 0.00	56.70 -0.31 0.00	58.07 0.37 0.00	54.28 0.28 0.00	30.68 -0.10 0.00
QUAKERRD_115KV_BK1 80622	25.76 -1.51 0.00	23.74 -1.28 0.00	23.91 -1.58 0.00	25.31 -1.69 0.00	26.74 -1.58 0.00	28.89 -1.65 0.00	33.16 -1.82 0.00	42.39 -2.32 0.00	30.49 -1.28 0.00	27.32 -0.98 0.06	25.81 -0.82 0.00	29.40 -1.06 0.00	25.17 -1.19 0.00	24.69 -1.18 0.00	25.30 -1.25 0.00	26.28 -1.39 0.00	31.02 -1.58 0.00	31.92 -1.81 0.00	45.21 -2.61 0.00	60.75 -3.38 0.00	53.96 -3.05 0.00	54.28 -3.42 0.00	51.21 -2.78 0.00	29.43 -1.34 0.00
QUENSBRY_115KV_TB8 356137	28.79 1.53 0.00	26.43 1.41 0.00	27.02 1.54 0.00	28.64 1.64 0.00	30.02 1.70 0.00	32.36 1.83 0.00	37.04 2.07 0.00	47.27 2.56 0.00	33.66 1.88 0.00	29.85 1.49 0.00	27.88 1.25 0.00	31.84 1.39 0.00	27.53 1.17 0.00	27.17 1.30 0.00	28.03 1.48 0.00	29.44 1.77 0.00	34.72 2.12 0.00	36.09 2.36 0.00	51.44 3.62 0.00	68.83 4.71 0.00	61.02 4.01 0.00	61.92 4.22 0.00	57.52 3.53 0.00	32.51 1.74 0.00
RAMAPO___LBMP 323565	28.69 1.43 0.00	26.33 1.31 0.00	26.76 1.28 0.00	28.38 1.38 0.00	29.70 1.37 0.00	32.11 1.58 0.00	36.66 1.69 0.00	46.92 2.22 0.00	33.42 1.65 0.00	29.97 1.61 0.00	22.77 1.52 5.38	31.77 1.84 0.52	28.22 1.86 0.00	25.62 2.05 2.30	28.70 2.15 0.00	30.04 2.37 0.00	35.29 2.69 0.00	36.55 2.81 0.00	51.61 3.79 0.00	68.81 4.68 0.00	61.20 4.19 0.00	61.74 4.04 0.00	57.40 3.41 0.00	32.62 1.85 0.00
RANKINE____ 23646	25.66 -1.61 0.00	23.67 -1.35 0.00	23.70 -1.79 0.00	25.11 -1.89 0.00	26.55 -1.78 0.00	28.67 -1.86 0.00	32.84 -2.13 0.00	41.98 -2.72 0.00	30.30 -1.48 0.00	26.87 -1.18 0.30	25.69 -0.94 0.00	29.24 -1.21 0.00	24.52 -1.27 0.58	23.89 -1.18 0.80	24.88 -1.20 0.47	25.66 -1.42 0.60	30.21 -1.57 0.82	31.70 -2.04 0.00	44.78 -3.04 0.00	60.40 -3.72 0.00	53.58 -3.43 0.00	53.71 -3.99 0.00	51.18 -2.81 0.00	29.61 -1.16 0.00
RAVENSWOOD_GT2_1 24244	29.02 1.76 0.00	26.62 1.60 0.00	27.06 1.57 0.00	28.66 1.66 0.00	29.96 1.64 0.00	32.41 1.88 0.00	37.07 2.09 0.00	47.50 2.79 0.00	33.91 2.13 0.00	30.44 2.09 0.00	31.98 1.98 -3.37	33.15 2.37 -0.32	28.71 2.34 0.00	29.87 2.55 -1.44	29.21 2.66 0.00	30.54 2.87 0.00	35.86 3.26 0.00	37.09 3.35 0.00	52.26 4.44 0.00	69.70 5.57 0.00	61.86 4.85 0.00	62.36 4.66 0.00	58.08 4.08 0.00	33.02 2.25 0.00
RAVENSWOOD_GT2_2 24245	29.02 1.76 0.00	26.62 1.60 0.00	27.06 1.57 0.00	28.66 1.66 0.00	29.96 1.64 0.00	32.41 1.88 0.00	37.07 2.09 0.00	47.50 2.79 0.00	33.91 2.13 0.00	30.44 2.09 0.00	31.98 1.98 -3.37	33.15 2.37 -0.32	28.71 2.34 0.00	29.87 2.55 -1.44	29.21 2.66 0.00	30.54 2.87 0.00	35.86 3.26 0.00	37.09 3.35 0.00	52.26 4.44 0.00	69.70 5.57 0.00	61.86 4.85 0.00	62.36 4.66 0.00	58.08 4.08 0.00	33.02 2.25 0.00

RAVENSWOOD_GT2_3 24246	29.03 1.77 0.00	26.64 1.62 0.00	27.07 1.59 0.00	28.68 1.68 0.00	29.98 1.65 0.00	32.43 1.89 0.00	37.07 2.10 0.00	47.52 2.82 0.00	33.92 2.15 0.00	30.47 2.11 0.00	31.99 1.99 -3.37	33.17 2.39 -0.32	28.73 2.37 0.00	29.88 2.57 -1.44	29.23 2.68 0.00	30.56 2.89 0.00	35.89 3.29 0.00	37.10 3.37 0.00	52.28 4.46 0.00	69.74 5.62 0.00	61.90 4.89 0.00	62.38 4.69 0.00	58.10 4.10 0.00	33.04 2.27 0.00
RAVENSWOOD_GT2_4 24247	29.03 1.77 0.00	26.64 1.62 0.00	27.07 1.59 0.00	28.68 1.68 0.00	29.98 1.65 0.00	32.43 1.89 0.00	37.07 2.10 0.00	47.52 2.82 0.00	33.92 2.15 0.00	30.47 2.11 0.00	31.99 1.99 -3.37	33.17 2.39 -0.32	28.73 2.37 0.00	29.88 2.57 -1.44	29.23 2.68 0.00	30.56 2.89 0.00	35.89 3.29 0.00	37.10 3.37 0.00	52.28 4.46 0.00	69.74 5.62 0.00	61.90 4.89 0.00	62.38 4.69 0.00	58.10 4.10 0.00	33.04 2.27 0.00
RAVENSWOOD_GT3_1 24248	29.02 1.76 0.00	26.62 1.60 0.00	27.06 1.57 0.00	28.66 1.67 0.00	29.96 1.64 0.00	32.42 1.88 0.00	37.07 2.09 0.00	47.50 2.79 0.00	33.91 2.13 0.00	30.44 2.09 0.00	31.98 1.98 -3.37	33.15 2.38 -0.32	28.71 2.35 0.00	29.87 2.56 -1.44	29.21 2.66 0.00	30.54 2.87 0.00	35.86 3.26 0.00	37.09 3.36 0.00	52.26 4.44 0.00	69.70 5.58 0.00	61.87 4.86 0.00	62.36 4.66 0.00	58.08 4.08 0.00	33.03 2.25 0.00
RAVENSWOOD_GT3_2 24249	29.02 1.76 0.00	26.62 1.60 0.00	27.06 1.57 0.00	28.66 1.67 0.00	29.96 1.64 0.00	32.42 1.88 0.00	37.07 2.09 0.00	47.50 2.79 0.00	33.91 2.13 0.00	30.44 2.09 0.00	31.98 1.98 -3.37	33.15 2.38 -0.32	28.71 2.35 0.00	29.87 2.56 -1.44	29.21 2.66 0.00	30.54 2.87 0.00	35.86 3.26 0.00	37.09 3.36 0.00	52.26 4.44 0.00	69.70 5.58 0.00	61.87 4.86 0.00	62.36 4.66 0.00	58.08 4.08 0.00	33.03 2.25 0.00
RAVENSWOOD_GT3_3 24250	29.05 1.79 0.00	26.65 1.63 0.00	27.08 1.60 0.00	28.69 1.69 0.00	29.99 1.66 0.00	32.44 1.90 0.00	37.10 2.13 0.00	47.55 2.84 0.00	33.94 2.17 0.00	30.48 2.13 0.00	32.01 2.01 -3.37	33.19 2.42 -0.32	28.75 2.39 0.00	29.91 2.59 -1.44	29.22 2.66 0.00	30.54 2.87 0.00	35.88 3.28 0.00	37.13 3.40 0.00	52.33 4.51 0.00	69.79 5.66 0.00	61.94 4.93 0.00	62.44 4.74 0.00	58.15 4.16 0.00	33.08 2.30 0.00
RAVENSWOOD_GT3_4 24251	29.05 1.79 0.00	26.65 1.63 0.00	27.08 1.60 0.00	28.69 1.69 0.00	29.99 1.66 0.00	32.44 1.90 0.00	37.10 2.13 0.00	47.55 2.84 0.00	33.94 2.17 0.00	30.48 2.13 0.00	32.01 2.01 -3.37	33.19 2.42 -0.32	28.75 2.39 0.00	29.91 2.59 -1.44	29.22 2.66 0.00	30.54 2.87 0.00	35.88 3.28 0.00	37.13 3.40 0.00	52.33 4.51 0.00	69.79 5.66 0.00	61.94 4.93 0.00	62.44 4.74 0.00	58.15 4.16 0.00	33.08 2.30 0.00
RAVENSWOOD_GT_1 23729	29.13 1.86 0.00	26.71 1.69 0.00	27.14 1.65 0.00	28.75 1.75 0.00	30.04 1.72 0.00	32.51 1.98 0.00	37.19 2.21 0.00	47.68 2.98 0.00	34.07 2.29 0.00	30.61 2.25 -0.01	32.11 2.11 -3.37	33.30 2.52 -0.33	28.86 2.49 -0.01	30.18 2.68 -1.62	36.10 2.80 -6.75	35.73 3.00 -5.06	41.06 3.40 -5.06	40.53 3.47 -3.33	54.33 4.56 -1.95	69.86 5.74 0.00	61.98 4.97 0.00	62.47 4.78 0.00	58.22 4.23 0.00	33.12 2.35 0.00
RAVENSWOOD_GT_10 24258	29.02 1.76 0.00	26.62 1.60 0.00	27.05 1.57 0.00	28.66 1.66 0.00	29.96 1.63 0.00	32.41 1.88 0.00	37.06 2.09 0.00	47.50 2.79 0.00	33.90 2.12 0.00	30.44 2.09 0.00	31.97 1.98 -3.37	33.14 2.37 -0.32	28.71 2.34 0.00	29.88 2.55 -1.46	29.99 2.66 -0.78	31.12 2.87 -0.58	36.44 3.26 -0.58	37.47 3.35 -0.39	52.49 4.44 -0.22	69.70 5.57 0.00	61.87 4.86 0.00	62.36 4.66 0.00	58.08 4.08 0.00	33.02 2.25 0.00
RAVENSWOOD_GT_11 24259	29.02 1.76 0.00	26.62 1.60 0.00	27.05 1.57 0.00	28.66 1.66 0.00	29.96 1.63 0.00	32.41 1.88 0.00	37.06 2.09 0.00	47.50 2.79 0.00	33.90 2.12 0.00	30.44 2.09 0.00	31.97 1.98 -3.37	33.14 2.37 -0.32	28.71 2.34 0.00	29.88 2.55 -1.46	29.99 2.66 -0.78	31.12 2.87 -0.58	36.44 3.26 -0.58	37.47 3.35 -0.39	52.49 4.44 -0.22	69.70 5.57 0.00	61.87 4.86 0.00	62.36 4.66 0.00	58.08 4.08 0.00	33.02 2.25 0.00
RAVENSWOOD_GT_4 24252	29.01 1.75 0.00	26.62 1.60 0.00	27.05 1.56 0.00	28.65 1.66 0.00	29.96 1.63 0.00	32.41 1.87 0.00	37.04 2.07 0.00	47.49 2.79 0.00	33.89 2.11 0.00	30.42 2.07 0.00	31.96 1.97 -3.37	33.14 2.36 -0.32	28.70 2.34 0.00	29.99 2.54 -1.57	34.34 2.65 -5.14	34.39 2.86 -3.85	39.72 3.26 -3.85	39.62 3.35 -2.53	53.75 4.44 -1.48	69.70 5.58 0.00	61.87 4.86 0.00	62.36 4.66 0.00	58.07 4.08 0.00	33.02 2.25 0.00
RAVENSWOOD_GT_5 24254	29.01 1.75 0.00	26.62 1.60 0.00	27.05 1.56 0.00	28.65 1.66 0.00	29.96 1.63 0.00	32.41 1.87 0.00	37.04 2.07 0.00	47.49 2.79 0.00	33.89 2.11 0.00	30.42 2.07 0.00	31.96 1.97 -3.37	33.14 2.36 -0.32	28.70 2.34 0.00	29.99 2.54 -1.57	34.34 2.65 -5.14	34.39 2.86 -3.85	39.72 3.26 -3.85	39.62 3.35 -2.53	53.75 4.44 -1.48	69.70 5.58 0.00	61.87 4.86 0.00	62.36 4.66 0.00	58.07 4.08 0.00	33.02 2.25 0.00
RAVENSWOOD_GT_6 24253	29.01 1.75 0.00	26.62 1.60 0.00	27.05 1.56 0.00	28.65 1.66 0.00	29.96 1.63 0.00	32.41 1.87 0.00	37.04 2.07 0.00	47.49 2.79 0.00	33.89 2.11 0.00	30.42 2.07 0.00	31.96 1.97 -3.37	33.14 2.36 -0.32	28.70 2.34 0.00	29.99 2.54 -1.57	34.34 2.65 -5.14	34.39 2.86 -3.85	39.72 3.26 -3.85	39.62 3.35 -2.53	53.75 4.44 -1.48	69.70 5.58 0.00	61.87 4.86 0.00	62.36 4.66 0.00	58.07 4.08 0.00	33.02 2.25 0.00
RAVENSWOOD_GT_7 24255	29.01 1.75 0.00	26.62 1.60 0.00	27.05 1.56 0.00	28.65 1.66 0.00	29.96 1.63 0.00	32.41 1.87 0.00	37.04 2.07 0.00	47.49 2.79 0.00	33.89 2.11 0.00	30.42 2.07 0.00	31.96 1.97 -3.37	33.14 2.36 -0.32	28.70 2.34 0.00	29.99 2.54 -1.57	34.34 2.65 -5.14	34.39 2.86 -3.85	39.72 3.26 -3.85	39.62 3.35 -2.53	53.75 4.44 -1.48	69.70 5.58 0.00	61.87 4.86 0.00	62.36 4.66 0.00	58.07 4.08 0.00	33.02 2.25 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.02 1.76 0.00	26.62 1.60 0.00	27.05 1.57 0.00	28.66 1.66 0.00	29.96 1.63 0.00	32.41 1.88 0.00	37.06 2.09 0.00	47.50 2.79 0.00	33.90 2.12 0.00	30.44 2.09 0.00	31.97 1.98 -3.37	33.14 2.37 -0.32	28.71 2.34 0.00	29.88 2.55 -1.46	29.99 2.66 -0.78	31.12 2.87 -0.58	36.44 3.26 -0.58	37.47 3.35 -0.39	52.49 4.44 -0.22	69.70 5.57 0.00	61.87 4.86 0.00	62.36 4.66 0.00	58.08 4.08 0.00	33.02 2.25 0.00
RAVENSWOOD_GT_9 24257	29.02 1.76 0.00	26.62 1.60 0.00	27.05 1.57 0.00	28.66 1.66 0.00	29.96 1.63 0.00	32.41 1.88 0.00	37.06 2.09 0.00	47.50 2.79 0.00	33.90 2.12 0.00	30.44 2.09 0.00	31.97 1.98 -3.37	33.14 2.37 -0.32	28.71 2.34 0.00	29.88 2.55 -1.46	29.99 2.66 -0.78	31.12 2.87 -0.58	36.44 3.26 -0.58	37.47 3.35 -0.39	52.49 4.44 -0.22	69.70 5.57 0.00	61.87 4.86 0.00	62.36 4.66 0.00	58.08 4.08 0.00	33.02 2.25 0.00

RAVENSWOOD___1 23533	29.08 1.81 0.00	26.67 1.65 0.00	27.10 1.61 0.00	28.70 1.71 0.00	30.00 1.68 0.00	32.46 1.92 0.00	37.12 2.15 0.00	47.60 2.90 0.00	34.00 2.22 0.00	30.55 2.19 -0.01	32.04 2.04 -3.37	33.22 2.45 -0.33	28.77 2.41 -0.01	29.76 2.62 -1.28	22.63 2.72 6.64	25.63 2.93 4.98	30.93 3.31 4.98	33.85 3.39 3.28	50.36 4.46 1.92	69.73 5.60 0.00	61.89 4.88 0.00	62.37 4.67 0.00	58.11 4.12 0.00	33.06 2.29 0.00
RAVENSWOOD___2 23534	29.08 1.81 0.00	26.67 1.65 0.00	27.10 1.61 0.00	28.70 1.71 0.00	30.00 1.68 0.00	32.46 1.92 0.00	37.12 2.15 0.00	47.60 2.90 0.00	34.00 2.22 0.00	30.55 2.19 -0.01	32.04 2.04 -3.37	33.22 2.45 -0.33	28.77 2.41 -0.01	29.76 2.62 -1.28	22.63 2.72 6.64	25.63 2.93 4.98	30.93 3.31 4.98	33.85 3.39 3.28	50.36 4.46 1.92	69.73 5.60 0.00	61.89 4.88 0.00	62.37 4.67 0.00	58.11 4.12 0.00	33.06 2.29 0.00
RAVENSWOOD___3 23535	29.02 1.76 0.00	26.63 1.61 0.00	27.06 1.57 0.00	28.67 1.67 0.00	29.97 1.64 0.00	32.42 1.88 0.00	37.07 2.09 0.00	47.50 2.80 0.00	33.91 2.13 0.00	30.46 2.10 0.00	31.97 1.98 -3.37	33.15 2.38 -0.32	28.70 2.34 0.00	29.87 2.56 -1.44	29.21 2.66 0.00	30.54 2.87 0.00	35.86 3.26 0.00	37.09 3.36 0.00	52.26 4.44 0.00	69.71 5.58 0.00	61.87 4.86 0.00	62.37 4.67 0.00	58.08 4.08 0.00	33.02 2.25 0.00
RAVENSWOOD___4 23820	29.08 1.81 0.00	26.67 1.65 0.00	27.10 1.61 0.00	28.70 1.71 0.00	30.00 1.68 0.00	32.46 1.92 0.00	37.12 2.15 0.00	47.60 2.90 0.00	34.00 2.22 0.00	30.55 2.19 -0.01	32.04 2.04 -3.37	33.22 2.45 -0.33	28.77 2.41 -0.01	29.76 2.62 -1.28	22.63 2.72 6.64	25.63 2.93 4.98	30.93 3.31 4.98	33.85 3.39 3.28	50.36 4.46 1.92	69.73 5.60 0.00	61.89 4.88 0.00	62.37 4.67 0.00	58.11 4.12 0.00	33.06 2.29 0.00
RCPL_TRUST___DRP 24196	29.01 1.75 0.00	26.62 1.59 0.00	27.05 1.56 0.00	28.65 1.66 0.00	29.95 1.63 0.00	32.40 1.87 0.00	37.04 2.07 0.00	47.49 2.79 0.00	33.89 2.11 0.00	30.43 2.07 0.00	31.97 1.97 -3.38	33.14 2.37 -0.32	28.70 2.34 0.00	29.86 2.54 -1.45	29.20 2.65 0.00	30.54 2.87 0.00	35.86 3.26 0.00	37.07 3.34 0.00	52.25 4.43 0.00	69.70 5.58 0.00	61.84 4.84 0.00	62.33 4.64 0.00	58.05 4.05 0.00	33.01 2.24 0.00
RED___ROCHESTER 323720	26.32 -0.95 0.00	24.26 -0.76 0.00	24.40 -1.09 0.00	25.83 -1.16 0.00	27.31 -1.02 0.00	29.50 -1.04 0.00	33.86 -1.11 0.00	43.30 -1.40 0.00	31.21 -0.57 0.00	27.92 -0.36 0.07	26.46 -0.17 0.00	30.10 -0.36 0.00	25.79 -0.57 0.00	25.27 -0.60 0.00	25.92 -0.64 0.00	26.92 -0.75 0.00	31.76 -0.84 0.00	32.67 -1.07 0.00	46.22 -1.60 0.00	62.18 -1.95 0.00	55.22 -1.79 0.00	55.50 -2.20 0.00	52.42 -1.57 0.00	30.13 -0.65 0.00
REGAN___SOLAR 323812	28.85 1.58 0.00	26.46 1.44 0.00	26.95 1.47 0.00	28.56 1.56 0.00	29.99 1.67 0.00	32.39 1.86 0.00	37.26 2.29 0.00	47.62 2.92 0.00	33.29 1.51 0.00	28.88 0.53 0.00	27.06 0.43 0.00	31.18 0.73 0.00	27.05 0.69 0.00	26.48 0.60 0.00	27.17 0.61 0.00	28.20 0.53 0.00	33.74 1.14 0.00	35.13 1.39 0.00	50.19 2.37 0.00	68.49 4.37 0.00	61.12 4.11 0.00	61.86 4.16 0.00	57.77 3.78 0.00	32.85 2.08 0.00
RENSSELAER___COGEN 23796	27.79 0.53 0.00	25.53 0.51 0.00	26.07 0.58 0.00	27.59 0.60 0.00	28.90 0.58 0.00	31.17 0.64 0.00	35.58 0.60 0.00	45.39 0.69 0.00	32.34 0.57 0.00	28.85 0.50 0.00	27.05 0.42 0.00	30.97 0.52 0.00	26.87 0.51 0.00	26.52 0.65 0.00	27.26 0.71 0.00	28.47 0.79 0.00	33.46 0.85 0.00	34.63 0.90 0.00	49.09 1.27 0.00	65.62 1.49 0.00	58.23 1.22 0.00	58.97 1.27 0.00	54.96 0.97 0.00	31.35 0.58 0.00
REPUBLIC_115KV_BARTNBK 55605	29.77 2.51 0.00	27.34 2.32 0.00	27.98 2.49 0.00	29.70 2.70 0.00	31.13 2.81 0.00	33.54 3.00 0.00	38.33 3.36 0.00	48.72 4.02 0.00	34.80 3.02 0.00	30.73 2.37 0.00	28.74 2.11 0.00	32.76 2.31 0.00	28.29 1.92 0.00	27.66 1.79 0.00	28.66 2.11 0.00	30.41 2.73 0.00	35.77 3.17 0.00	37.46 3.72 0.00	53.22 5.40 0.00	71.36 7.24 0.00	63.39 6.38 0.00	64.56 6.86 0.00	59.71 5.72 0.00	33.46 2.69 0.00
REVERE_CPPR_DRP 24186	27.69 0.43 0.00	25.33 0.31 0.00	25.74 0.25 0.00	26.89 0.30 0.41	28.63 0.31 0.00	30.96 0.43 0.00	35.60 0.63 0.00	45.45 0.75 0.00	32.19 0.42 0.00	28.71 0.36 0.00	26.94 0.31 0.00	30.74 0.29 0.00	26.69 0.33 0.00	26.13 0.27 0.00	26.14 0.26 0.67	28.35 0.21 -0.46	32.56 0.15 0.20	34.17 0.44 0.00	49.12 1.02 -0.29	65.96 1.84 0.00	58.74 1.73 0.00	59.21 1.51 0.00	55.33 1.33 0.00	31.47 0.70 0.00
REYNLDPA_13_KV_LD 356490	27.09 -0.17 0.00	24.82 -0.20 0.00	25.28 -0.21 0.00	13.60 -0.25 13.15	28.20 -0.12 0.00	30.41 -0.13 0.00	34.99 0.02 0.00	44.95 0.25 0.00	31.82 0.04 0.00	28.32 -0.03 0.00	26.61 -0.02 0.00	30.32 -0.13 0.00	26.05 -0.31 0.00	25.18 -0.53 0.16	3.26 -0.57 22.73	-13.29 -0.63 40.33	31.26 -0.52 0.82	33.20 -0.53 0.00	47.10 -0.72 0.00	63.57 -0.55 0.00	56.69 -0.32 0.00	57.77 0.07 0.00	54.10 0.10 0.00	30.67 -0.10 0.00
REYNOLDS_115KV_TB3 80639	28.00 0.74 0.00	25.72 0.70 0.00	26.28 0.79 0.00	27.82 0.82 0.00	29.14 0.81 0.00	31.42 0.88 0.00	35.85 0.88 0.00	45.75 1.05 0.00	32.60 0.83 0.00	29.09 0.73 0.00	27.27 0.64 0.00	31.22 0.76 0.00	27.08 0.72 0.00	26.70 0.83 0.00	27.44 0.88 0.00	28.65 0.98 0.00	33.71 1.11 0.00	34.89 1.16 0.00	49.48 1.66 0.00	66.08 1.96 0.00	58.63 1.62 0.00	59.40 1.70 0.00	55.37 1.38 0.00	31.54 0.77 0.00
RIVERBAY____ 323610	29.46 2.20 0.00	27.01 1.99 0.00	27.49 2.00 0.00	29.12 2.12 0.00	30.44 2.12 0.00	32.99 2.45 0.00	37.77 2.80 0.00	48.40 3.70 0.00	34.51 2.73 0.00	30.90 2.54 -0.01	32.39 2.39 -3.37	33.68 2.90 -0.33	29.29 2.93 -0.01	30.38 3.06 -1.44	29.75 3.19 0.00	31.09 3.41 0.00	36.52 3.91 0.00	37.78 4.05 0.00	53.17 5.35 0.00	71.00 6.87 0.00	63.07 6.06 0.00	63.53 5.83 0.00	59.22 5.23 0.00	33.64 2.87 0.00
RIVERSDE_115KV_TB3 55908	27.91 0.65 0.00	25.63 0.61 0.00	26.18 0.70 0.00	27.71 0.71 0.00	29.03 0.70 0.00	31.30 0.77 0.00	35.73 0.76 0.00	45.61 0.91 0.00	32.50 0.73 0.00	28.99 0.63 0.00	27.19 0.56 0.00	31.12 0.67 0.00	27.01 0.65 0.00	26.65 0.78 0.00	27.38 0.83 0.00	28.59 0.92 0.00	33.62 1.02 0.00	34.80 1.06 0.00	49.33 1.51 0.00	65.92 1.80 0.00	58.48 1.48 0.00	59.23 1.53 0.00	55.21 1.21 0.00	31.47 0.70 0.00
ROARING___BROOK_WT_PWR 323790	26.49 -0.77 0.00	24.20 -0.82 0.00	24.69 -0.80 0.00	4.54 -0.79 21.66	27.62 -0.71 0.00	29.76 -0.78 0.00	34.18 -0.79 0.00	43.71 -1.00 0.00	31.01 -0.76 0.00	27.73 -0.62 0.00	26.08 -0.55 0.00	29.83 -0.63 0.00	25.85 -0.51 0.00	24.80 -0.80 0.27	-12.06 -0.80 37.81	-39.00 -0.78 65.90	30.28 -0.97 1.36	32.81 -0.92 0.00	46.73 -1.09 0.00	63.11 -1.01 0.00	56.23 -0.78 0.00	57.18 -0.52 0.00	53.50 -0.50 0.00	30.39 -0.38 0.00

ROCHESRG_115KV_T4 355643	26.08 -1.19 0.00	24.04 -0.98 0.00	24.19 -1.30 0.00	25.61 -1.39 0.00	27.07 -1.26 0.00	29.23 -1.31 0.00	33.53 -1.45 0.00	42.86 -1.84 0.00	30.88 -0.90 0.00	27.65 -0.63 0.08	26.16 -0.47 0.00	29.78 -0.67 0.00	25.43 -0.86 0.08	24.92 -0.85 0.11	25.58 -0.91 0.06	26.56 -1.03 0.08	31.30 -1.19 0.11	32.29 -1.45 0.00	45.68 -2.14 0.00	61.44 -2.69 0.00	54.58 -2.43 0.00	54.88 -2.82 0.00	51.89 -2.11 0.00	29.84 -0.93 0.00
ROCHESTER_9_IC 23652	26.20 -1.06 0.00	24.16 -0.86 0.00	24.30 -1.19 0.00	25.73 -1.27 0.00	27.20 -1.12 0.00	29.37 -1.16 0.00	33.71 -1.27 0.00	43.10 -1.60 0.00	31.06 -0.72 0.00	27.82 -0.46 0.07	26.31 -0.32 0.00	29.96 -0.49 0.00	25.65 -0.72 0.00	25.16 -0.71 0.00	25.77 -0.78 0.00	26.78 -0.89 0.00	31.59 -1.01 0.00	32.48 -1.26 0.00	45.95 -1.87 0.00	61.81 -2.31 0.00	54.91 -2.09 0.00	55.20 -2.50 0.00	52.16 -1.84 0.00	29.99 -0.78 0.00
ROCKVIEW_13_KV_LD 356306	29.06 1.80 0.00	26.67 1.65 0.00	27.10 1.61 0.00	28.71 1.71 0.00	30.02 1.70 0.00	32.47 1.93 0.00	37.11 2.14 0.00	47.55 2.85 0.00	33.93 2.15 0.00	30.46 2.11 0.00	31.99 1.99 -3.37	33.15 2.37 -0.32	28.70 2.34 0.00	29.86 2.54 -1.44	29.20 2.65 0.00	30.54 2.87 0.00	35.88 3.27 0.00	37.12 3.39 0.00	52.38 4.56 0.00	69.83 5.70 0.00	62.01 5.00 0.00	62.52 4.82 0.00	58.17 4.17 0.00	33.06 2.29 0.00
ROME____115KV_TB2 80656	27.69 0.43 0.00	25.33 0.31 0.00	25.74 0.25 0.00	26.89 0.30 0.41	28.63 0.31 0.00	30.96 0.43 0.00	35.60 0.63 0.00	45.45 0.75 0.00	32.19 0.42 0.00	28.71 0.36 0.00	26.94 0.31 0.00	30.74 0.29 0.00	26.69 0.33 0.00	26.13 0.27 0.00	26.14 0.26 0.67	28.35 0.21 -0.46	32.56 0.15 0.20	34.17 0.44 0.00	49.12 1.02 -0.29	65.96 1.84 0.00	58.74 1.73 0.00	59.21 1.51 0.00	55.33 1.33 0.00	31.47 0.70 0.00
ROSETON___1 23587	28.58 1.32 0.00	26.23 1.22 0.00	26.71 1.22 0.00	28.29 1.30 0.00	29.61 1.28 0.00	31.98 1.45 0.00	36.52 1.55 0.00	46.75 2.04 0.00	33.31 1.54 0.00	29.85 1.50 0.00	28.02 1.40 0.00	32.13 1.67 0.00	28.02 1.66 0.00	27.72 1.85 0.00	28.46 1.91 0.00	29.75 2.08 0.00	34.97 2.37 0.00	36.21 2.48 0.00	51.18 3.36 0.00	68.30 4.18 0.00	60.70 3.69 0.00	61.29 3.59 0.00	57.05 3.05 0.00	32.42 1.65 0.00
ROSETON___2 23588	28.58 1.32 0.00	26.23 1.22 0.00	26.71 1.22 0.00	28.29 1.30 0.00	29.61 1.28 0.00	31.98 1.45 0.00	36.52 1.55 0.00	46.75 2.04 0.00	33.31 1.54 0.00	29.85 1.50 0.00	28.02 1.40 0.00	32.13 1.67 0.00	28.02 1.66 0.00	27.72 1.85 0.00	28.46 1.91 0.00	29.75 2.08 0.00	34.97 2.37 0.00	36.21 2.48 0.00	51.18 3.36 0.00	68.30 4.18 0.00	60.70 3.69 0.00	61.29 3.59 0.00	57.05 3.05 0.00	32.42 1.65 0.00
ROTRDAM_115KV_TB3 80664	28.06 0.80 0.00	25.77 0.74 0.00	26.30 0.81 0.00	27.85 0.85 0.00	29.19 0.86 0.00	31.47 0.93 0.00	35.99 1.01 0.00	45.97 1.27 0.00	32.69 0.91 0.00	29.09 0.74 0.00	27.26 0.63 0.00	31.23 0.78 0.00	27.07 0.71 0.00	26.69 0.82 0.00	27.44 0.88 0.00	28.65 0.98 0.00	33.77 1.17 0.00	34.99 1.26 0.00	49.61 1.79 0.00	66.46 2.33 0.00	59.02 2.01 0.00	59.76 2.06 0.00	55.76 1.77 0.00	31.73 0.96 0.00
RUSSELL___1 23602	26.32 -0.94 0.00	24.26 -0.76 0.00	24.40 -1.09 0.00	25.83 -1.16 0.00	27.32 -1.01 0.00	29.50 -1.04 0.00	33.86 -1.11 0.00	43.30 -1.40 0.00	31.20 -0.57 0.00	27.96 -0.33 0.07	26.44 -0.19 0.00	30.11 -0.34 0.00	25.76 -0.60 0.00	25.27 -0.60 0.00	25.89 -0.66 0.00	26.92 -0.76 0.00	31.76 -0.84 0.00	32.67 -1.06 0.00	46.22 -1.59 0.00	62.18 -1.94 0.00	55.22 -1.79 0.00	55.50 -2.20 0.00	52.42 -1.57 0.00	30.12 -0.65 0.00
RUSSELL___2 23532	26.32 -0.94 0.00	24.26 -0.76 0.00	24.40 -1.09 0.00	25.83 -1.16 0.00	27.32 -1.01 0.00	29.50 -1.04 0.00	33.86 -1.11 0.00	43.30 -1.40 0.00	31.20 -0.57 0.00	27.96 -0.33 0.07	26.44 -0.19 0.00	30.11 -0.34 0.00	25.76 -0.60 0.00	25.27 -0.60 0.00	25.89 -0.66 0.00	26.92 -0.76 0.00	31.76 -0.84 0.00	32.67 -1.06 0.00	46.22 -1.59 0.00	62.18 -1.94 0.00	55.22 -1.79 0.00	55.50 -2.20 0.00	52.42 -1.57 0.00	30.12 -0.65 0.00
RUSSELL___3 23549	26.32 -0.94 0.00	24.26 -0.76 0.00	24.40 -1.09 0.00	25.83 -1.16 0.00	27.32 -1.01 0.00	29.50 -1.04 0.00	33.86 -1.11 0.00	43.30 -1.40 0.00	31.20 -0.57 0.00	27.96 -0.33 0.07	26.44 -0.19 0.00	30.11 -0.34 0.00	25.76 -0.60 0.00	25.27 -0.60 0.00	25.89 -0.66 0.00	26.92 -0.76 0.00	31.76 -0.84 0.00	32.67 -1.06 0.00	46.22 -1.59 0.00	62.18 -1.94 0.00	55.22 -1.79 0.00	55.50 -2.20 0.00	52.42 -1.57 0.00	30.12 -0.65 0.00
RUSSELL___4 23556	26.32 -0.94 0.00	24.26 -0.76 0.00	24.40 -1.09 0.00	25.83 -1.16 0.00	27.32 -1.01 0.00	29.50 -1.04 0.00	33.86 -1.11 0.00	43.30 -1.40 0.00	31.20 -0.57 0.00	27.96 -0.33 0.07	26.44 -0.19 0.00	30.11 -0.34 0.00	25.76 -0.60 0.00	25.27 -0.60 0.00	25.89 -0.66 0.00	26.92 -0.76 0.00	31.76 -0.84 0.00	32.67 -1.06 0.00	46.22 -1.59 0.00	62.18 -1.94 0.00	55.22 -1.79 0.00	55.50 -2.20 0.00	52.42 -1.57 0.00	30.12 -0.65 0.00
RUSSELL___STATION 23914	26.32 -0.94 0.00	24.26 -0.76 0.00	24.40 -1.09 0.00	25.83 -1.16 0.00	27.32 -1.01 0.00	29.50 -1.04 0.00	33.86 -1.11 0.00	43.30 -1.40 0.00	31.20 -0.57 0.00	27.96 -0.33 0.07	26.44 -0.19 0.00	30.11 -0.34 0.00	25.76 -0.60 0.00	25.27 -0.60 0.00	25.89 -0.66 0.00	26.92 -0.76 0.00	31.76 -0.84 0.00	32.67 -1.06 0.00	46.22 -1.59 0.00	62.18 -1.94 0.00	55.22 -1.79 0.00	55.50 -2.20 0.00	52.42 -1.57 0.00	30.12 -0.65 0.00
S SALMON___HYD 24043	26.35 -0.92 0.00	24.09 -0.93 0.00	24.48 -1.00 0.00	25.02 -1.06 0.92	27.20 -1.13 0.00	29.41 -1.13 0.00	33.73 -1.24 0.00	43.14 -1.56 0.00	30.66 -1.12 0.00	27.30 -1.06 0.00	25.46 -1.17 0.00	29.22 -1.23 0.00	25.39 -0.97 0.00	24.84 -1.03 0.01	23.83 -1.17 1.56	22.12 -1.38 4.17	30.68 -1.66 0.26	32.08 -1.65 0.00	46.97 -1.91 -1.06	62.56 -1.57 0.00	55.78 -1.23 0.00	56.38 -1.32 0.00	52.80 -1.20 0.00	30.14 -0.63 0.00
S.PERRY__115KV_TB1 80734	26.79 -0.48 0.00	24.65 -0.37 0.00	24.78 -0.71 0.00	26.17 -0.82 0.00	27.61 -0.72 0.00	29.85 -0.69 0.00	34.34 -0.63 0.00	43.97 -0.73 0.00	31.20 -0.58 0.00	28.62 -0.58 -0.85	26.02 -0.61 -0.01	29.81 -0.65 0.00	27.54 -0.74 -1.92	27.72 -0.82 -2.67	27.25 -0.86 -1.56	28.69 -0.96 -1.98	34.40 -0.93 -2.72	33.30 -0.43 0.00	47.21 -0.60 0.00	63.54 -0.59 0.00	56.74 -0.27 0.00	56.87 -0.82 0.00	53.62 -0.37 0.00	30.83 0.06 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.48 -1.78 0.00	23.52 -1.50 0.00	23.55 -1.93 0.00	24.94 -2.06 0.00	26.39 -1.94 0.00	28.48 -2.06 0.00	32.60 -2.37 0.00	41.66 -3.05 0.00	30.11 -1.67 0.00	26.75 -1.32 0.29	25.57 -1.06 0.00	29.07 -1.38 0.00	24.37 -1.43 0.56	23.75 -1.35 0.77	24.70 -1.40 0.45	25.49 -1.61 0.57	29.96 -1.85 0.78	31.36 -2.38 0.00	44.25 -3.57 0.00	59.68 -4.44 0.00	52.96 -4.05 0.00	53.12 -4.58 0.00	50.72 -3.27 0.00	29.36 -1.41 0.00

SAWYER___23_KV_LOAD 55526	25.48 -1.78 0.00	23.52 -1.50 0.00	23.55 -1.93 0.00	24.94 -2.06 0.00	26.39 -1.94 0.00	28.48 -2.06 0.00	32.60 -2.37 0.00	41.66 -3.05 0.00	30.11 -1.67 0.00	26.75 -1.32 0.29	25.57 -1.06 0.00	29.07 -1.38 0.00	24.37 -1.43 0.56	23.75 -1.35 0.77	24.70 -1.40 0.45	25.49 -1.61 0.57	29.96 -1.85 0.78	31.36 -2.38 0.00	44.25 -3.57 0.00	59.68 -4.00 0.00	52.96 -4.05 0.00	53.12 -4.58 0.00	50.72 -3.27 0.00	29.36 -1.41 0.00
SELKIRK___I 23801	27.99 0.72 0.00	25.71 0.69 0.00	26.25 0.77 0.00	27.79 0.80 0.00	29.12 0.80 0.00	31.39 0.85 0.00	35.85 0.88 0.00	45.74 1.04 0.00	32.54 0.77 0.00	28.95 0.59 0.00	27.02 0.39 0.00	30.92 0.47 0.00	26.82 0.45 0.00	26.46 0.59 0.00	27.26 0.70 0.00	28.44 0.77 0.00	33.47 0.87 0.00	34.67 0.94 0.00	49.25 1.43 0.00	65.97 1.84 0.00	58.57 1.56 0.00	59.30 1.60 0.00	55.33 1.34 0.00	31.56 0.79 0.00
SELKIRK___II 23799	27.85 0.59 0.00	25.58 0.56 0.00	26.11 0.63 0.00	27.64 0.64 0.00	28.97 0.64 0.00	31.22 0.69 0.00	35.64 0.67 0.00	45.52 0.81 0.00	32.42 0.64 0.00	28.92 0.56 0.00	27.11 0.48 0.00	31.03 0.58 0.00	26.92 0.56 0.00	26.56 0.69 0.00	27.32 0.77 0.00	28.52 0.85 0.00	33.54 0.94 0.00	34.71 0.97 0.00	49.20 1.38 0.00	65.78 1.66 0.00	58.40 1.39 0.00	59.13 1.43 0.00	55.16 1.16 0.00	31.44 0.67 0.00
SENECA OSWGO___HYD 24041	26.56 -0.70 0.00	24.37 -0.65 0.00	24.81 -0.68 0.00	26.28 -0.72 0.00	27.54 -0.79 0.00	29.73 -0.81 0.00	34.01 -0.96 0.00	43.41 -1.29 0.00	30.82 -0.96 0.00	27.43 -0.93 0.00	25.75 -0.88 0.00	29.55 -0.91 0.00	25.64 -0.72 0.00	25.25 -0.63 0.00	25.87 -0.69 0.00	26.50 -0.84 0.34	31.63 -0.97 0.00	32.72 -1.01 0.00	47.88 -1.45 -1.51	62.30 -1.83 0.00	55.39 -1.61 0.00	55.89 -1.81 0.00	52.38 -1.62 0.00	30.02 -0.75 0.00
SENECA___115KV_TB3 355854	25.70 -1.56 0.00	23.70 -1.32 0.00	23.73 -1.75 0.00	25.14 -1.86 0.00	26.59 -1.74 0.00	28.71 -1.83 0.00	32.90 -2.08 0.00	42.04 -2.66 0.00	30.36 -1.42 0.00	26.92 -1.14 0.30	25.73 -0.90 0.00	29.29 -1.16 0.00	24.55 -1.23 0.58	23.93 -1.14 0.80	24.92 -1.16 0.47	25.70 -1.37 0.60	30.27 -1.52 0.82	31.75 -1.98 0.00	44.84 -2.98 0.00	60.50 -3.62 0.00	53.65 -3.36 0.00	53.81 -3.89 0.00	51.25 -2.74 0.00	29.66 -1.12 0.00
SENECA___ENERGY 23797	26.62 -0.64 0.00	24.45 -0.57 0.00	24.78 -0.71 0.00	26.27 -0.73 0.00	27.59 -0.73 0.00	29.81 -0.78 0.00	34.20 -0.78 0.00	43.68 -1.02 0.00	31.11 -0.67 0.00	27.82 -0.59 -0.05	26.15 -0.48 0.00	29.87 -0.58 0.00	25.95 -0.55 -0.13	25.54 -0.52 -0.19	26.11 -0.56 -0.11	27.10 -0.71 -0.14	32.14 -0.65 -0.19	32.97 -0.76 0.00	47.46 -0.99 -0.63	62.76 -1.37 0.00	55.67 -1.34 0.00	56.05 -1.65 0.00	52.64 -1.36 0.00	30.26 -0.52 0.00
SHOEMAKER___GT 23640	28.51 1.25 0.00	26.16 1.14 0.00	26.61 1.13 0.00	28.21 1.21 0.00	29.52 1.20 0.00	31.91 1.37 0.00	36.44 1.47 0.00	46.64 1.93 0.00	33.20 1.42 0.00	29.72 1.36 0.00	24.15 1.25 3.73	31.55 1.46 0.36	27.84 1.47 0.00	25.98 1.70 1.60	28.31 1.76 0.00	29.64 1.96 0.00	34.86 2.25 0.00	36.09 2.36 0.00	51.01 3.19 0.00	68.22 4.09 0.00	60.72 3.71 0.00	61.30 3.60 0.00	57.04 3.05 0.00	32.41 1.64 0.00
SHOEMAKR_138KV_BK 111 55601	28.52 1.25 0.00	26.17 1.15 0.00	26.62 1.13 0.00	28.21 1.21 0.00	29.52 1.20 0.00	31.91 1.38 0.00	36.44 1.47 0.00	46.64 1.94 0.00	33.21 1.43 0.00	29.72 1.37 0.00	24.30 1.27 3.60	31.60 1.49 0.34	27.88 1.52 0.00	26.05 1.73 1.54	28.35 1.80 0.00	29.66 1.99 0.00	34.89 2.28 0.00	36.12 2.39 0.00	51.06 3.24 0.00	68.23 4.10 0.00	60.75 3.74 0.00	61.31 3.61 0.00	57.05 3.05 0.00	32.42 1.65 0.00
SHOREHAM_IC_1 23715	29.59 2.32 -0.01	27.21 2.20 0.00	27.64 2.16 0.00	29.27 2.27 0.00	30.58 2.25 0.00	33.15 2.61 0.00	37.78 2.81 0.00	48.16 3.46 0.00	34.24 2.46 0.00	31.27 2.48 -0.43	35.29 2.31 -6.35	35.53 2.65 -2.43	31.51 2.53 -2.63	35.18 2.72 -6.58	34.65 2.78 -5.32	35.57 2.93 -4.96	39.98 3.21 -4.16	42.80 3.61 -5.45	59.35 5.04 -6.49	73.06 6.32 -2.61	71.48 5.85 -8.63	131.68 5.96 -68.02	58.98 4.99 0.00	33.72 2.95 0.00
SHOREHAM_IC_2 23716	29.59 2.32 -0.01	27.21 2.19 0.00	27.64 2.15 0.00	29.27 2.27 0.00	30.58 2.25 0.00	33.16 2.62 0.00	37.78 2.81 0.00	48.16 3.46 0.00	34.24 2.47 0.00	31.25 2.47 -0.43	35.29 2.31 -6.35	35.51 2.64 -2.43	31.51 2.53 -2.63	35.17 2.72 -6.58	34.66 2.79 -5.32	35.57 2.93 -4.96	39.98 3.21 -4.16	42.80 3.61 -5.45	59.34 5.03 -6.49	73.05 6.32 -2.61	71.48 5.85 -8.63	131.67 5.95 -68.02	58.98 4.99 0.00	33.72 2.95 0.00
SISSONVILLE____ 23735	26.32 -0.94 0.00	24.68 -0.98 -0.64	31.85 -1.02 -7.38	20.92 -1.10 4.97	35.16 -1.01 -7.84	34.29 -1.03 -4.78	34.08 -0.89 0.00	43.84 -0.86 0.00	30.97 -0.81 0.00	27.54 -0.82 0.00	25.70 -0.93 0.00	29.18 -1.27 0.00	25.07 -1.29 0.00	24.21 -1.54 0.13	6.76 -1.66 18.12	-7.89 -1.69 33.86	28.07 -1.93 2.60	31.79 -1.94 0.00	45.28 -2.69 -0.16	61.58 -2.54 0.00	55.14 -1.87 0.00	56.51 -1.19 0.00	52.85 -1.14 0.00	29.89 -0.88 0.00
SITHE_IND_GS1 24169	26.36 -0.90 0.00	24.21 -0.82 0.00	24.65 -0.84 0.00	26.12 -0.88 0.00	27.40 -0.93 0.00	29.53 -1.01 0.00	33.77 -1.21 0.00	43.06 -1.65 0.00	30.58 -1.19 0.00	27.28 -1.08 0.00	25.63 -1.00 0.00	29.32 -1.13 0.00	25.43 -0.94 0.00	24.98 -0.89 0.00	25.60 -0.96 0.00	26.58 -1.09 0.00	31.34 -1.26 0.00	32.40 -1.33 0.00	41.96 -1.89 3.96	61.57 -2.56 0.00	54.73 -2.28 0.00	55.28 -2.41 0.01	51.84 -2.16 0.00	29.75 -1.02 0.00
SITHE_IND_GS2 24170	26.36 -0.90 0.00	24.21 -0.82 0.00	24.65 -0.84 0.00	26.12 -0.88 0.00	27.40 -0.93 0.00	29.53 -1.01 0.00	33.77 -1.21 0.00	43.06 -1.65 0.00	30.58 -1.19 0.00	27.28 -1.08 0.00	25.63 -1.00 0.00	29.32 -1.13 0.00	25.43 -0.94 0.00	24.98 -0.89 0.00	25.60 -0.96 0.00	26.58 -1.09 0.00	31.34 -1.26 0.00	32.40 -1.33 0.00	41.96 -1.89 3.96	61.57 -2.56 0.00	54.73 -2.28 0.00	55.28 -2.41 0.01	51.84 -2.16 0.00	29.75 -1.02 0.00
SITHE_IND_GS3 24171	26.36 -0.90 0.00	24.21 -0.82 0.00	24.65 -0.84 0.00	26.12 -0.88 0.00	27.40 -0.93 0.00	29.53 -1.01 0.00	33.77 -1.21 0.00	43.06 -1.65 0.00	30.58 -1.19 0.00	27.28 -1.08 0.00	25.63 -1.00 0.00	29.32 -1.13 0.00	25.43 -0.94 0.00	24.98 -0.89 0.00	25.60 -0.96 0.00	26.58 -1.09 0.00	31.34 -1.26 0.00	32.40 -1.33 0.00	41.96 -1.89 3.96	61.57 -2.56 0.00	54.73 -2.28 0.00	55.28 -2.41 0.01	51.84 -2.16 0.00	29.75 -1.02 0.00
SITHE_IND_GS4 24172	26.36 -0.90 0.00	24.21 -0.82 0.00	24.65 -0.84 0.00	26.12 -0.88 0.00	27.40 -0.93 0.00	29.53 -1.01 0.00	33.77 -1.21 0.00	43.06 -1.65 0.00	30.58 -1.19 0.00	27.28 -1.08 0.00	25.63 -1.00 0.00	29.32 -1.13 0.00	25.43 -0.94 0.00	24.98 -0.89 0.00	25.60 -0.96 0.00	26.58 -1.09 0.00	31.34 -1.26 0.00	32.40 -1.33 0.00	41.96 -1.89 3.96	61.57 -2.56 0.00	54.73 -2.28 0.00	55.28 -2.41 0.01	51.84 -2.16 0.00	29.75 -1.02 0.00

SITHE___BATAVIA 24024	26.20 -1.06 0.00	24.16 -0.86 0.00	24.23 -1.26 0.00	25.65 -1.35 0.00	27.13 -1.20 0.00	29.35 -1.19 0.00	33.65 -1.32 0.00	43.02 -1.68 0.00	31.11 -0.67 0.00	27.76 -0.42 0.17	26.25 -0.38 0.00	29.85 -0.60 0.00	25.24 -0.83 0.30	24.54 -0.93 0.41	25.27 -1.04 0.24	26.14 -1.23 0.30	30.79 -1.40 0.41	32.05 -1.68 0.00	45.36 -2.46 0.00	61.38 -2.74 0.00	54.70 -2.31 0.00	54.84 -2.86 0.00	52.22 -1.77 0.00	30.12 -0.65 0.00
SITHE___INDEPEND 23800	26.36 -0.90 0.00	24.20 -0.82 0.00	24.65 -0.84 0.00	26.12 -0.88 0.00	27.40 -0.93 0.00	29.53 -1.01 0.00	33.77 -1.21 0.00	43.05 -1.65 0.00	30.58 -1.19 0.00	27.28 -1.08 0.00	25.63 -1.00 0.00	29.32 -1.13 0.00	25.42 -0.94 0.00	24.98 -0.89 0.00	25.59 -0.96 0.00	26.58 -1.09 0.00	31.34 -1.26 0.00	32.40 -1.33 0.00	41.97 -1.89 3.96	61.57 -2.55 0.00	54.73 -2.28 0.00	55.28 -2.41 0.01	51.84 -2.16 0.00	29.75 -1.02 0.00
SITHE___MASSENA 23902	27.11 -0.15 0.00	24.96 -0.20 -0.14	26.88 -0.21 -1.60	15.26 -0.25 11.50	29.91 -0.12 -1.70	31.46 -0.11 -1.04	35.04 0.07 0.00	45.02 0.32 0.00	31.85 0.08 0.00	28.34 -0.02 0.00	26.57 -0.05 0.00	30.26 -0.20 0.00	25.99 -0.37 0.00	25.11 -0.60 0.15	3.96 -0.66 21.94	-12.17 -0.62 39.22	30.92 -0.64 1.05	33.07 -0.66 0.00	46.79 -1.03 0.00	63.28 -0.85 0.00	56.48 -0.53 0.00	57.79 0.09 0.00	54.11 0.12 0.00	30.66 -0.11 0.00
SITHE___OGDNSBRG 24021	27.27 0.00 0.00	25.39 -0.08 -0.45	30.53 -0.09 -5.14	19.37 -0.12 7.51	33.83 0.04 -5.46	33.98 0.12 -3.33	35.39 0.42 0.00	45.48 0.78 0.00	32.07 0.29 0.00	28.45 0.10 0.00	26.47 -0.16 0.00	29.99 -0.46 0.00	25.74 -0.62 0.00	24.87 -0.86 0.14	5.97 -0.98 19.61	-9.19 -0.91 35.94	29.58 -1.02 2.00	32.70 -1.03 0.00	46.52 -1.43 -0.12	63.56 -0.57 0.00	56.98 -0.03 0.00	58.36 0.66 0.00	54.58 0.58 0.00	30.85 0.08 0.00
SITHE___STERLING 23777	27.54 0.28 0.00	25.23 0.21 0.00	25.66 0.18 0.00	27.21 0.21 0.00	28.55 0.22 0.00	30.83 0.29 0.00	35.40 0.43 0.00	45.20 0.50 0.00	32.01 0.23 0.00	28.55 0.19 0.00	26.79 0.16 0.00	30.63 0.18 0.00	26.57 0.21 0.00	26.06 0.19 0.00	26.76 0.21 0.00	28.77 0.16 -0.94	32.72 0.12 0.00	34.03 0.30 0.00	48.91 0.77 -0.32	65.44 1.32 0.00	58.24 1.23 0.00	58.71 1.01 0.00	54.86 0.87 0.00	31.27 0.49 0.00
SLEIGHT__34_KV_TB1 80719	26.27 -0.99 0.00	24.21 -0.81 0.00	24.42 -1.06 0.00	25.87 -1.13 0.00	27.30 -1.03 0.00	29.49 -1.05 0.00	33.88 -1.09 0.00	43.25 -1.45 0.00	30.99 -0.79 0.00	27.72 -0.59 0.04	26.16 -0.47 0.00	29.81 -0.65 0.00	25.61 -0.75 0.00	25.13 -0.74 0.00	25.75 -0.80 0.00	26.72 -0.95 0.00	31.58 -1.02 0.00	32.57 -1.16 0.00	46.40 -1.59 -0.17	62.14 -1.99 0.00	55.18 -1.83 0.00	55.52 -2.18 0.00	52.26 -1.74 0.00	29.98 -0.79 0.00
SMITHTWN_69_KV_BK 1 55830	29.47 2.19 -0.02	27.09 2.07 0.00	27.52 2.04 0.00	29.15 2.15 0.00	30.46 2.13 0.00	33.03 2.49 0.00	37.63 2.66 0.00	48.04 3.34 0.00	34.20 2.42 0.00	31.26 2.45 -0.45	35.39 2.30 -6.46	35.66 2.67 -2.54	31.64 2.54 -2.73	35.47 2.74 -6.86	35.16 2.81 -5.79	35.77 2.97 -5.13	40.19 3.24 -4.34	42.97 3.57 -5.67	59.44 4.87 -6.75	72.86 6.01 -2.72	71.44 5.54 -8.89	131.90 5.65 -68.55	58.77 4.78 0.00	33.58 2.81 0.00
SOUTH CAIRO___GT 23612	28.50 1.23 0.00	26.14 1.12 0.00	26.70 1.21 0.00	28.25 1.26 0.00	29.63 1.30 0.00	31.99 1.45 0.00	36.64 1.66 0.00	46.81 2.10 0.00	33.33 1.55 0.00	29.51 1.16 0.00	27.31 0.68 0.00	31.13 0.68 0.00	26.94 0.57 0.00	26.72 0.84 0.00	27.58 1.03 0.00	28.82 1.15 0.00	34.06 1.46 0.00	35.27 1.54 0.00	50.33 2.51 0.00	67.57 3.45 0.00	60.22 3.21 0.00	60.91 3.21 0.00	56.71 2.71 0.00	32.26 1.49 0.00
SOUTH HAMPTN___IC 23720	29.87 2.60 -0.01	27.54 2.52 0.00	27.98 2.49 0.00	29.63 2.63 0.00	30.97 2.64 0.00	33.59 3.05 0.00	38.30 3.33 0.00	48.82 4.11 0.00	34.69 2.92 0.00	31.67 2.89 -0.43	35.60 2.66 -6.31	35.93 3.09 -2.39	31.82 2.87 -2.59	35.46 3.09 -6.49	34.88 3.16 -5.16	35.91 3.33 -4.91	40.42 3.72 -4.10	43.29 4.18 -5.38	60.04 5.81 -6.41	74.13 7.43 -2.58	72.40 6.85 -8.54	132.44 6.88 -67.86	59.86 5.86 0.00	34.17 3.40 0.00
SOUTHDOWN_115KV_TB1 355954	26.23 -1.04 0.00	24.15 -0.87 0.00	24.05 -1.43 0.00	25.61 -1.40 0.00	27.12 -1.21 0.00	29.76 -0.78 0.00	34.33 -0.65 0.00	43.88 -0.82 0.00	31.62 -0.16 0.00	28.22 0.03 0.16	26.57 -0.06 0.00	30.28 -0.17 0.00	25.94 -0.12 0.30	25.29 -0.15 0.43	26.08 -0.21 0.26	26.96 -0.38 0.33	31.77 -0.37 0.46	33.19 -0.55 0.00	47.08 -0.73 0.00	63.39 -0.73 0.00	56.07 -0.94 0.00	56.09 -1.61 0.00	52.93 -1.06 0.00	30.64 -0.13 0.00
SOUTHOLD_69_KV_BK 2 55809	30.05 2.78 -0.01	27.77 2.75 0.00	28.22 2.74 0.00	29.90 2.90 0.00	31.25 2.92 0.00	33.91 3.37 0.00	38.69 3.71 0.00	49.34 4.64 0.00	35.06 3.28 0.00	31.98 3.20 -0.43	35.87 2.93 -6.31	36.23 3.39 -2.39	32.08 3.13 -2.59	35.72 3.35 -6.49	35.18 3.46 -5.17	36.22 3.63 -4.91	40.81 4.11 -4.10	43.71 4.59 -5.38	60.67 6.44 -6.41	75.02 8.32 -2.58	73.20 7.65 -8.54	133.20 7.63 -67.87	60.53 6.54 0.00	34.54 3.77 0.00
SOUTHOLD___IC 23719	30.05 2.78 -0.01	27.78 2.76 0.00	28.23 2.74 0.00	29.90 2.90 0.00	31.26 2.93 0.00	33.91 3.37 0.00	38.69 3.72 0.00	49.34 4.64 0.00	35.06 3.28 0.00	32.00 3.21 -0.43	35.87 2.93 -6.31	36.25 3.41 -2.39	32.08 3.13 -2.59	35.72 3.36 -6.49	35.17 3.45 -5.17	36.22 3.64 -4.91	40.81 4.11 -4.10	43.71 4.59 -5.38	60.67 6.44 -6.41	75.03 8.32 -2.58	73.20 7.65 -8.54	133.20 7.63 -67.87	60.53 6.54 0.00	34.52 3.75 0.00
SOUTH_FORK_WT_PWR 323839	30.06 2.78 -0.01	27.86 2.85 0.00	28.31 2.83 0.00	30.00 3.00 0.00	31.35 3.02 0.00	34.02 3.49 0.00	38.81 3.84 0.00	49.50 4.80 0.00	35.16 3.39 0.00	32.08 3.30 -0.43	35.95 3.02 -6.31	36.36 3.52 -2.39	32.16 3.21 -2.59	35.80 3.44 -6.49	35.25 3.53 -5.16	36.31 3.73 -4.91	40.92 4.22 -4.10	43.84 4.73 -5.38	60.86 6.63 -6.41	75.28 8.58 -2.58	73.43 7.87 -8.54	133.41 7.85 -67.87	60.73 6.74 0.00	34.64 3.87 0.00
SPIERFLS_115KV_TB 1 80737	28.66 1.40 0.00	26.31 1.29 0.00	26.89 1.40 0.00	28.49 1.49 0.00	29.86 1.54 0.00	32.21 1.67 0.00	36.87 1.89 0.00	47.07 2.37 0.00	33.51 1.73 0.00	29.72 1.36 0.00	27.77 1.14 0.00	31.73 1.28 0.00	27.45 1.09 0.00	27.10 1.23 0.00	27.93 1.38 0.00	29.31 1.64 0.00	34.57 1.97 0.00	35.92 2.19 0.00	51.13 3.31 0.00	68.46 4.33 0.00	60.70 3.70 0.00	61.55 3.85 0.00	57.23 3.24 0.00	32.39 1.61 0.00
ST LAWRENCE____ 23600	26.88 -0.38 0.00	24.62 -0.40 0.00	25.08 -0.41 0.00	13.26 -0.47 13.27	27.96 -0.37 0.00	30.14 -0.39 0.00	34.69 -0.28 0.00	44.56 -0.14 0.00	31.55 -0.23 0.00	28.09 -0.27 0.00	26.37 -0.27 0.00	30.05 -0.40 0.00	25.82 -0.54 0.00	24.96 -0.75 0.16	2.82 -0.80 22.94	-13.72 -0.77 40.63	31.11 -0.82 0.67	32.88 -0.85 0.00	46.66 -1.16 0.00	62.93 -1.19 0.00	56.12 -0.89 0.00	57.18 -0.52 0.00	53.55 -0.45 0.00	30.37 -0.40 0.00

STATE_CA_115KV_115_LB 55624	27.92 0.65 0.00	25.64 0.62 0.00	26.17 0.69 0.00	27.71 0.71 0.00	29.03 0.70 0.00	31.32 0.78 0.00	35.76 0.78 0.00	45.64 0.94 0.00	32.53 0.76 0.00	29.00 0.65 0.00	27.20 0.57 0.00	31.16 0.70 0.00	27.04 0.68 0.00	26.68 0.81 0.00	27.42 0.87 0.00	28.63 0.96 0.00	33.68 1.08 0.00	34.87 1.14 0.00	49.42 1.60 0.00	66.05 1.93 0.00	58.60 1.60 0.00	59.32 1.62 0.00	55.29 1.29 0.00	31.52 0.75 0.00
STATE_ST_34_KV_LOAD 55959	26.96 -0.30 0.00	24.81 -0.21 0.00	25.22 -0.27 0.00	26.74 -0.26 0.00	28.09 -0.24 0.00	30.32 -0.22 0.00	34.75 -0.22 0.00	44.17 -0.53 0.00	31.27 -0.50 0.00	27.89 -0.46 0.00	26.23 -0.39 0.00	30.03 -0.42 0.00	26.11 -0.33 -0.08	25.69 -0.29 -0.11	26.34 -0.28 -0.06	27.32 -0.43 -0.08	32.34 -0.37 -0.11	33.38 -0.36 0.00	48.10 -0.45 -0.73	63.65 -0.47 0.00	56.51 -0.49 0.00	56.94 -0.76 0.00	53.37 -0.62 0.00	30.60 -0.17 0.00
STATION_5_MISC_HYD 23604	26.20 -1.06 0.00	24.16 -0.86 0.00	24.30 -1.19 0.00	25.73 -1.27 0.00	27.19 -1.13 0.00	29.37 -1.16 0.00	33.71 -1.26 0.00	43.10 -1.60 0.00	31.06 -0.72 0.00	27.79 -0.50 0.07	26.34 -0.29 0.00	29.94 -0.51 0.00	25.67 -0.69 0.00	25.15 -0.72 0.00	25.79 -0.76 0.00	26.79 -0.89 0.00	31.59 -1.01 0.00	32.48 -1.25 0.00	45.96 -1.86 0.00	61.81 -2.32 0.00	54.91 -2.09 0.00	55.19 -2.51 0.00	52.17 -1.83 0.00	29.99 -0.78 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.40 -0.87 0.00	24.30 -0.72 0.00	24.51 -0.98 0.00	25.96 -1.03 0.00	27.38 -0.94 0.00	29.59 -0.95 0.00	33.98 -1.00 0.00	43.43 -1.27 0.00	31.15 -0.63 0.00	27.88 -0.48 0.00	26.28 -0.35 0.00	29.95 -0.50 0.00	25.74 -0.62 0.00	25.27 -0.60 0.00	25.90 -0.65 0.00	26.88 -0.80 0.00	31.82 -0.79 0.00	32.77 -0.96 0.00	46.62 -1.33 -0.13	62.45 -1.67 0.00	55.44 -1.57 0.00	55.74 -1.96 0.00	52.50 -1.49 0.00	30.16 -0.62 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.10 -1.17 0.00	24.06 -0.96 0.00	24.20 -1.29 0.00	25.62 -1.38 0.00	27.09 -1.24 0.00	29.25 -1.29 0.00	33.58 -1.40 0.00	42.95 -1.75 0.00	30.93 -0.84 0.00	27.72 -0.57 0.06	26.21 -0.42 0.00	29.84 -0.61 0.00	25.54 -0.82 0.00	25.06 -0.81 0.00	25.67 -0.88 0.00	26.68 -0.99 0.00	31.47 -1.13 0.00	32.37 -1.36 0.00	45.81 -2.01 0.00	61.58 -2.54 0.00	54.71 -2.30 0.00	55.00 -2.70 0.00	51.94 -2.05 0.00	29.85 -0.92 0.00
STA_56___34_KV_BUS2 355983	26.10 -1.17 0.00	24.06 -0.96 0.00	24.20 -1.29 0.00	25.62 -1.38 0.00	27.09 -1.24 0.00	29.25 -1.29 0.00	33.58 -1.40 0.00	42.95 -1.75 0.00	30.93 -0.84 0.00	27.72 -0.57 0.06	26.21 -0.42 0.00	29.84 -0.61 0.00	25.54 -0.82 0.00	25.06 -0.81 0.00	25.67 -0.88 0.00	26.68 -0.99 0.00	31.47 -1.13 0.00	32.37 -1.36 0.00	45.81 -2.01 0.00	61.58 -2.54 0.00	54.71 -2.30 0.00	55.00 -2.70 0.00	51.94 -2.05 0.00	29.85 -0.92 0.00
STA_67___115KV_BK2 355882	26.15 -1.11 0.00	24.12 -0.91 0.00	24.25 -1.24 0.00	25.68 -1.32 0.00	27.15 -1.18 0.00	29.31 -1.23 0.00	33.64 -1.33 0.00	43.01 -1.69 0.00	30.98 -0.80 0.00	27.76 -0.53 0.07	26.25 -0.38 0.00	29.89 -0.56 0.00	25.58 -0.78 0.00	25.10 -0.77 0.00	25.71 -0.84 0.00	26.72 -0.95 0.00	31.51 -1.09 0.00	32.40 -1.33 0.00	45.85 -1.97 0.00	61.65 -2.48 0.00	54.77 -2.24 0.00	55.06 -2.64 0.00	52.05 -1.94 0.00	29.93 -0.84 0.00
STA_7___115KV_9TRANS 80674	26.32 -0.94 0.00	24.26 -0.76 0.00	24.40 -1.09 0.00	25.83 -1.16 0.00	27.32 -1.01 0.00	29.50 -1.04 0.00	33.86 -1.11 0.00	43.30 -1.40 0.00	31.20 -0.57 0.00	27.96 -0.33 0.07	26.44 -0.19 0.00	30.11 -0.34 0.00	25.76 -0.60 0.00	25.27 -0.60 0.00	25.89 -0.66 0.00	26.92 -0.76 0.00	31.76 -0.84 0.00	32.67 -1.06 0.00	46.22 -1.59 0.00	62.18 -1.94 0.00	55.22 -1.79 0.00	55.50 -2.20 0.00	52.42 -1.57 0.00	30.12 -0.65 0.00
STA_82___115KV_TB1 80780	26.15 -1.11 0.00	24.12 -0.91 0.00	24.25 -1.23 0.00	25.68 -1.32 0.00	27.15 -1.18 0.00	29.31 -1.22 0.00	33.64 -1.33 0.00	43.02 -1.69 0.00	30.99 -0.79 0.00	27.76 -0.53 0.06	26.25 -0.38 0.00	29.90 -0.56 0.00	25.58 -0.78 0.00	25.09 -0.78 0.00	25.71 -0.85 0.00	26.72 -0.96 0.00	31.51 -1.09 0.00	32.40 -1.33 0.00	45.85 -1.97 0.00	61.66 -2.47 0.00	54.78 -2.23 0.00	55.07 -2.63 0.00	52.05 -1.94 0.00	29.93 -0.84 0.00
STEEL___WIND 323596	25.65 -1.61 0.00	23.66 -1.36 0.00	23.69 -1.80 0.00	25.09 -1.91 0.00	26.53 -1.80 0.00	28.66 -1.87 0.00	32.84 -2.13 0.00	41.95 -2.75 0.00	30.30 -1.48 0.00	26.82 -1.23 0.30	25.69 -0.93 0.00	29.21 -1.24 0.00	24.53 -1.25 0.58	23.85 -1.22 0.80	24.90 -1.19 0.47	25.64 -1.43 0.60	30.21 -1.58 0.82	31.67 -2.07 0.00	44.76 -3.06 0.00	60.37 -3.75 0.00	53.56 -3.44 0.00	53.73 -3.97 0.00	51.21 -2.78 0.00	29.62 -1.16 0.00
STEPHTWN_115KV_BK_2 55603	28.07 0.81 0.00	25.73 0.71 0.00	26.31 0.83 0.00	27.88 0.88 0.00	29.23 0.90 0.00	31.53 1.00 0.00	36.04 1.07 0.00	45.96 1.26 0.00	32.69 0.91 0.00	29.12 0.77 0.00	27.28 0.65 0.00	31.25 0.80 0.00	27.08 0.72 0.00	26.77 0.90 0.00	27.54 0.99 0.00	28.76 1.09 0.00	33.92 1.32 0.00	35.09 1.36 0.00	49.75 1.93 0.00	66.57 2.45 0.00	59.01 2.01 0.00	59.69 2.00 0.00	55.64 1.65 0.00	31.70 0.92 0.00
STEUBEN_REC_LFGE 323667	26.25 -1.01 0.00	24.15 -0.87 0.00	24.30 -1.18 0.00	25.46 -1.54 0.00	26.72 -1.60 0.00	28.78 -1.75 0.00	33.09 -1.89 0.00	42.24 -2.46 0.00	30.01 -1.77 0.00	26.99 -1.93 -0.56	24.97 -1.67 0.00	28.67 -1.79 0.00	25.91 -1.70 -1.25	26.13 -1.47 -1.74	26.04 -1.53 -1.02	27.13 -1.83 -1.29	32.94 -1.43 -1.77	32.59 -1.15 0.00	46.51 -1.54 -0.23	62.65 -1.47 0.00	55.43 -1.58 0.00	55.36 -2.34 0.00	52.20 -1.80 0.00	30.26 -0.51 0.00
STILLWATER___SOLAR 323814	28.51 1.25 0.00	26.17 1.15 0.00	26.74 1.25 0.00	28.32 1.33 0.00	29.70 1.38 0.00	32.03 1.50 0.00	36.65 1.68 0.00	46.78 2.08 0.00	33.27 1.49 0.00	29.53 1.18 0.00	27.61 0.98 0.00	31.59 1.13 0.00	27.35 0.98 0.00	27.02 1.15 0.00	27.79 1.23 0.00	29.06 1.39 0.00	34.30 1.70 0.00	35.59 1.86 0.00	50.60 2.79 0.00	67.71 3.59 0.00	60.06 3.06 0.00	60.87 3.17 0.00	56.67 2.67 0.00	32.18 1.41 0.00
STONY___BROOK 24151	29.49 2.22 -0.02	27.11 2.09 0.00	27.54 2.06 0.00	29.17 2.17 0.00	30.47 2.15 0.00	33.04 2.50 0.00	37.65 2.67 0.00	48.05 3.35 0.00	34.19 2.42 0.00	31.26 2.46 -0.44	35.37 2.31 -6.43	35.63 2.68 -2.50	31.61 2.55 -2.70	35.40 2.76 -6.77	35.00 2.81 -5.64	35.72 2.98 -5.07	40.12 3.24 -4.28	42.90 3.57 -5.60	59.29 4.80 -6.67	72.73 5.92 -2.69	71.29 5.47 -8.80	131.66 5.61 -68.36	58.79 4.79 0.00	33.60 2.83 0.00
STURGEON_POOL_HYD 23609	28.70 1.44 0.00	26.33 1.31 0.00	26.80 1.31 0.00	28.39 1.39 0.00	29.70 1.37 0.00	32.07 1.53 0.00	36.65 1.67 0.00	46.94 2.24 0.00	33.47 1.69 0.00	29.97 1.62 0.00	27.61 1.52 0.54	32.20 1.79 0.05	28.13 1.77 0.00	27.64 1.99 0.23	28.60 2.05 0.00	29.90 2.23 0.00	35.18 2.58 0.00	36.45 2.72 0.00	51.51 3.69 0.00	68.75 4.62 0.00	61.11 4.10 0.00	61.64 3.94 0.00	57.37 3.38 0.00	32.57 1.80 0.00

ST_LAW_115_BK7_LBMP 345037	26.86 -0.40 0.00	24.60 -0.42 0.00	25.06 -0.43 0.00	13.36 -0.49 13.15	27.94 -0.39 0.00	30.13 -0.41 0.00	34.68 -0.30 0.00	44.54 -0.16 0.00	31.53 -0.25 0.00	28.06 -0.29 0.00	26.35 -0.28 0.00	30.02 -0.44 0.00	25.78 -0.58 0.00	24.91 -0.80 0.16	2.98 -0.84 22.73	-13.48 -0.82 40.33	30.92 -0.86 0.82	32.84 -0.89 0.00	46.58 -1.24 0.00	62.87 -1.25 0.00	56.07 -0.94 0.00	57.19 -0.51 0.00	53.55 -0.45 0.00	30.36 -0.41 0.00
ST_LAW_115_BK8_LBMP 345038	26.86 -0.40 0.00	24.60 -0.42 0.00	25.06 -0.43 0.00	13.36 -0.49 13.15	27.94 -0.39 0.00	30.13 -0.41 0.00	34.68 -0.30 0.00	44.54 -0.16 0.00	31.53 -0.25 0.00	28.06 -0.29 0.00	26.35 -0.28 0.00	30.02 -0.44 0.00	25.78 -0.58 0.00	24.91 -0.80 0.16	2.98 -0.84 22.73	-13.48 -0.82 40.33	30.92 -0.86 0.82	32.84 -0.89 0.00	46.58 -1.24 0.00	62.87 -1.25 0.00	56.07 -0.94 0.00	57.19 -0.51 0.00	53.55 -0.45 0.00	30.36 -0.41 0.00
ST_LAW_230_BK5_LBMP 345035	26.88 -0.38 0.00	24.62 -0.40 0.00	25.08 -0.41 0.00	13.11 -0.47 13.42	27.96 -0.37 0.00	30.14 -0.39 0.00	34.69 -0.28 0.00	44.56 -0.14 0.00	31.55 -0.23 0.00	28.09 -0.27 0.00	26.37 -0.27 0.00	30.05 -0.40 0.00	25.82 -0.54 0.00	24.96 -0.75 0.16	2.56 -0.80 23.20	-14.09 -0.77 41.00	31.25 -0.82 0.53	32.88 -0.85 0.00	46.66 -1.16 0.00	62.93 -1.19 0.00	56.12 -0.89 0.00	57.18 -0.52 0.00	53.55 -0.45 0.00	30.37 -0.40 0.00
ST_LAW_230_BK6_LBMP 345036	26.88 -0.38 0.00	24.62 -0.40 0.00	25.08 -0.41 0.00	13.11 -0.47 13.42	27.96 -0.37 0.00	30.14 -0.39 0.00	34.69 -0.28 0.00	44.56 -0.14 0.00	31.55 -0.23 0.00	28.09 -0.27 0.00	26.37 -0.27 0.00	30.05 -0.40 0.00	25.82 -0.54 0.00	24.96 -0.75 0.16	2.56 -0.80 23.20	-14.09 -0.77 41.00	31.25 -0.82 0.53	32.88 -0.85 0.00	46.66 -1.16 0.00	62.93 -1.19 0.00	56.12 -0.89 0.00	57.18 -0.52 0.00	53.55 -0.45 0.00	30.37 -0.40 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.62 1.35 0.00	26.26 1.24 0.00	26.70 1.21 0.00	28.30 1.30 0.00	29.63 1.30 0.00	32.02 1.49 0.00	36.57 1.60 0.00	46.79 2.09 0.00	33.34 1.56 0.00	29.88 1.52 0.00	23.93 1.44 4.14	31.77 1.72 0.40	28.10 1.74 0.00	26.03 1.93 1.77	28.58 2.03 0.00	29.90 2.23 0.00	35.15 2.55 0.00	36.41 2.68 0.00	51.44 3.62 0.00	68.62 4.49 0.00	61.05 4.05 0.00	61.59 3.89 0.00	57.29 3.30 0.00	32.55 1.78 0.00
SWANROAD_115KV_TB1 355699	25.17 -2.09 0.00	23.25 -1.77 0.00	23.28 -2.21 0.00	24.64 -2.36 0.00	26.07 -2.25 0.00	28.13 -2.41 0.00	32.05 -2.93 0.00	40.88 -3.82 0.00	29.63 -2.14 0.00	26.42 -1.70 0.24	25.18 -1.45 0.00	28.58 -1.88 0.00	24.08 -1.84 0.44	23.51 -1.75 0.61	24.33 -1.86 0.36	25.14 -2.08 0.45	29.58 -2.40 0.62	30.60 -3.13 0.00	43.15 -4.67 0.00	58.28 -5.84 0.00	51.75 -5.25 0.00	51.91 -5.79 0.00	49.84 -4.15 0.00	28.93 -1.84 0.00
SYNERGY___BIOGAS 323694	26.20 -1.06 0.00	24.16 -0.86 0.00	24.23 -1.26 0.00	25.65 -1.35 0.00	27.14 -1.19 0.00	29.35 -1.19 0.00	33.66 -1.32 0.00	43.03 -1.68 0.00	31.10 -0.67 0.00	27.81 -0.37 0.17	26.23 -0.40 0.00	29.87 -0.58 0.00	25.20 -0.87 0.30	24.55 -0.91 0.41	25.24 -1.08 0.24	26.14 -1.23 0.30	30.77 -1.41 0.41	32.06 -1.68 0.00	45.36 -2.46 0.00	61.39 -2.73 0.00	54.70 -2.31 0.00	54.84 -2.86 0.00	52.22 -1.77 0.00	30.12 -0.65 0.00
SYRACUSE___ENERGY_ST1 323597	26.89 -0.37 0.00	24.68 -0.34 0.00	25.12 -0.37 0.00	26.63 -0.37 0.00	27.92 -0.40 0.00	30.13 -0.41 0.00	34.50 -0.48 0.00	43.98 -0.72 0.00	31.20 -0.58 0.00	27.81 -0.54 0.00	26.15 -0.48 0.00	29.94 -0.51 0.00	25.99 -0.37 0.00	25.59 -0.28 0.00	26.25 -0.30 0.00	27.23 -0.44 0.00	32.18 -0.42 0.00	33.26 -0.47 0.00	48.09 -0.63 -0.91	63.32 -0.80 0.00	56.24 -0.77 0.00	56.75 -0.95 0.00	53.17 -0.82 0.00	30.46 -0.31 0.00
SYRACUSE___ENERGY_ST2 323598	26.89 -0.37 0.00	24.68 -0.34 0.00	25.12 -0.37 0.00	26.63 -0.37 0.00	27.92 -0.40 0.00	30.13 -0.41 0.00	34.50 -0.48 0.00	43.98 -0.72 0.00	31.20 -0.58 0.00	27.81 -0.54 0.00	26.15 -0.48 0.00	29.94 -0.51 0.00	25.99 -0.37 0.00	25.59 -0.28 0.00	26.25 -0.30 0.00	27.23 -0.44 0.00	32.18 -0.42 0.00	33.26 -0.47 0.00	48.09 -0.63 -0.91	63.32 -0.80 0.00	56.24 -0.77 0.00	56.75 -0.95 0.00	53.17 -0.82 0.00	30.46 -0.31 0.00
SYRACUSE___POWER 24017	26.94 -0.33 0.00	24.71 -0.31 0.00	25.15 -0.34 0.00	26.66 -0.34 0.00	27.94 -0.39 0.00	30.16 -0.38 0.00	34.53 -0.44 0.00	44.06 -0.65 0.00	31.25 -0.52 0.00	27.86 -0.49 0.00	26.20 -0.43 0.00	29.99 -0.46 0.00	26.05 -0.31 0.00	25.64 -0.23 0.00	26.32 -0.24 0.00	27.31 -0.37 0.00	32.24 -0.36 0.00	33.31 -0.42 0.00	47.92 -0.55 -0.65	63.45 -0.67 0.00	56.35 -0.66 0.00	56.85 -0.85 0.00	53.29 -0.71 0.00	30.52 -0.26 0.00
TALLMAN_138KV_BK151 55660	28.77 1.51 0.00	26.40 1.38 0.00	26.82 1.34 0.00	28.44 1.44 0.00	29.76 1.44 0.00	32.19 1.65 0.00	36.76 1.79 0.00	47.05 2.35 0.00	33.52 1.75 0.00	30.07 1.72 0.00	22.86 1.62 5.39	31.89 1.95 0.52	28.33 1.97 0.00	25.74 2.17 2.31	28.83 2.28 0.00	30.18 2.50 0.00	35.45 2.85 0.00	36.71 2.98 0.00	51.83 4.01 0.00	69.10 4.97 0.00	61.44 4.43 0.00	61.95 4.25 0.00	57.59 3.59 0.00	32.73 1.95 0.00
TEALLAVE_115KV_TB7 355573	26.83 -0.44 0.00	24.61 -0.41 0.00	25.05 -0.44 0.00	26.56 -0.44 0.00	27.83 -0.50 0.00	30.03 -0.51 0.00	34.38 -0.59 0.00	43.86 -0.84 0.00	31.14 -0.64 0.00	27.78 -0.58 0.00	26.10 -0.53 0.00	29.88 -0.57 0.00	25.96 -0.40 0.00	25.55 -0.32 0.00	26.22 -0.34 0.00	27.20 -0.48 0.00	32.11 -0.49 0.00	33.15 -0.59 0.00	47.62 -0.80 -0.59	63.09 -1.03 0.00	56.04 -0.96 0.00	56.53 -1.17 0.00	53.04 -0.95 0.00	30.39 -0.38 0.00
TELGRAPH_34_KV_EAST 80808	25.70 -1.57 0.00	23.71 -1.31 0.00	23.76 -1.72 0.00	25.16 -1.84 0.00	26.63 -1.70 0.00	28.75 -1.78 0.00	32.86 -2.11 0.00	41.99 -2.72 0.00	30.40 -1.38 0.00	27.13 -1.02 0.21	25.75 -0.88 0.00	29.26 -1.19 0.00	24.68 -1.32 0.37	24.10 -1.26 0.51	24.90 -1.36 0.30	25.74 -1.56 0.38	30.30 -1.78 0.52	31.43 -2.30 0.00	44.36 -3.46 0.00	59.94 -4.18 0.00	53.29 -3.72 0.00	53.43 -4.26 0.00	51.08 -2.92 0.00	29.54 -1.23 0.00
TEMPLE___115KV_TB 2 55572	26.84 -0.42 0.00	24.62 -0.40 0.00	25.05 -0.43 0.00	26.57 -0.43 0.00	27.85 -0.48 0.00	30.05 -0.49 0.00	34.39 -0.58 0.00	43.87 -0.83 0.00	31.14 -0.63 0.00	27.78 -0.57 0.00	26.11 -0.52 0.00	29.89 -0.56 0.00	25.96 -0.40 0.00	25.57 -0.30 0.00	26.24 -0.31 0.00	27.22 -0.45 0.00	32.14 -0.46 0.00	33.18 -0.55 0.00	47.63 -0.77 -0.59	63.12 -1.00 0.00	56.06 -0.95 0.00	56.57 -1.13 0.00	53.05 -0.94 0.00	30.39 -0.38 0.00
TIANA___69_KV_BK 1 55817	29.81 2.53 -0.01	27.44 2.42 0.00	27.88 2.40 0.00	29.53 2.53 0.00	30.85 2.52 0.00	33.47 2.93 0.00	38.16 3.18 0.00	48.64 3.94 0.00	34.57 2.79 0.00	31.55 2.77 -0.43	35.50 2.56 -6.31	35.80 2.96 -2.39	31.74 2.78 -2.59	35.35 2.99 -6.49	34.79 3.07 -5.17	35.81 3.22 -4.91	40.28 3.58 -4.10	43.16 4.04 -5.38	59.82 5.59 -6.41	73.85 7.15 -2.58	72.15 6.60 -8.54	132.19 6.62 -67.87	59.62 5.62 0.00	34.05 3.28 0.00

TILDEN___115KV_TB1 80814	26.94 -0.33 0.00	24.71 -0.31 0.00	25.15 -0.34 0.00	26.66 -0.34 0.00	27.94 -0.39 0.00	30.16 -0.38 0.00	34.53 -0.44 0.00	44.06 -0.65 0.00	31.25 -0.52 0.00	27.86 -0.49 0.00	26.20 -0.43 0.00	29.99 -0.46 0.00	26.05 -0.31 0.00	25.64 -0.23 0.00	26.32 -0.24 0.00	27.31 -0.37 0.00	32.24 -0.36 0.00	33.31 -0.42 0.00	47.92 -0.55 -0.65	63.45 -0.67 0.00	56.35 -0.66 0.00	56.85 -0.85 0.00	53.29 -0.71 0.00	30.52 -0.26 0.00
TRIGEN___CC 323695	29.02 1.76 0.00	26.66 1.64 0.00	27.10 1.61 0.00	28.71 1.71 0.00	30.01 1.68 0.00	32.50 1.96 0.00	37.05 2.08 0.00	47.41 2.70 0.00	33.79 2.02 0.00	32.60 2.07 -2.17	47.12 2.07 -18.42	46.61 2.42 -13.74	42.38 2.33 -13.69	63.47 2.55 -35.05	83.89 2.61 -54.73	52.47 2.75 -22.04	67.18 3.00 -31.58	79.58 3.19 -42.66	104.35 4.28 -52.24	90.51 5.31 -21.07	117.06 4.87 -55.18	217.17 4.91 -154.57	58.04 4.04 0.00	33.14 2.36 -0.01
TRINITY___115KV___4 BK 55933	27.83 0.57 0.00	25.56 0.54 0.00	26.11 0.62 0.00	27.63 0.63 0.00	28.95 0.62 0.00	31.21 0.68 0.00	35.63 0.65 0.00	45.47 0.77 0.00	32.40 0.63 0.00	28.90 0.54 0.00	27.11 0.48 0.00	31.03 0.58 0.00	26.93 0.57 0.00	26.57 0.70 0.00	27.30 0.75 0.00	28.51 0.84 0.00	33.52 0.92 0.00	34.69 0.96 0.00	49.19 1.37 0.00	65.72 1.59 0.00	58.31 1.31 0.00	59.05 1.35 0.00	55.05 1.05 0.00	31.39 0.62 0.00
UNION___PROCESSING_DRP 323587	26.16 -1.10 0.00	24.12 -0.90 0.00	24.26 -1.22 0.00	25.68 -1.32 0.00	27.15 -1.18 0.00	29.32 -1.22 0.00	33.65 -1.32 0.00	43.04 -1.67 0.00	31.00 -0.78 0.00	27.77 -0.52 0.07	26.25 -0.38 0.00	29.90 -0.55 0.00	25.58 -0.78 0.00	25.10 -0.77 0.00	25.71 -0.84 0.00	26.72 -0.95 0.00	31.51 -1.09 0.00	32.41 -1.32 0.00	45.86 -1.96 0.00	61.68 -2.45 0.00	54.80 -2.21 0.00	55.08 -2.61 0.00	52.08 -1.91 0.00	29.93 -0.84 0.00
UPPER HUDSON___HYD 24058	28.66 1.40 0.00	26.30 1.28 0.00	26.89 1.40 0.00	28.49 1.49 0.00	29.86 1.54 0.00	32.21 1.67 0.00	36.87 1.89 0.00	47.07 2.36 0.00	33.51 1.73 0.00	29.72 1.36 0.00	27.77 1.14 0.00	31.73 1.28 0.00	27.45 1.08 0.00	27.10 1.22 0.00	27.93 1.37 0.00	29.32 1.64 0.00	34.57 1.97 0.00	35.92 2.18 0.00	51.13 3.31 0.00	68.45 4.33 0.00	60.70 3.70 0.00	61.55 3.86 0.00	57.23 3.24 0.00	32.39 1.61 0.00
UPPER RAQUET___HYD 24056	26.32 -0.94 0.00	24.68 -0.98 -0.64	31.84 -1.02 -7.38	20.92 -1.10 4.97	35.16 -1.01 -7.84	34.29 -1.03 -4.78	34.08 -0.89 0.00	43.84 -0.86 0.00	30.97 -0.81 0.00	27.54 -0.82 0.00	25.70 -0.93 0.00	29.18 -1.27 0.00	25.07 -1.29 0.00	24.21 -1.54 0.13	6.76 -1.66 18.12	-7.89 -1.70 33.86	28.07 -1.93 2.60	31.79 -1.94 0.00	45.28 -2.69 -0.16	61.59 -2.54 0.00	55.15 -1.86 0.00	56.51 -1.19 0.00	52.85 -1.14 0.00	29.89 -0.88 0.00
VALLEY44_115KV_TB2 355964	26.20 -1.07 0.00	24.23 -0.79 0.00	24.32 -1.17 0.00	25.90 -1.10 0.00	27.32 -1.00 0.00	29.54 -1.00 0.00	33.86 -1.11 0.00	43.31 -1.39 0.00	31.05 -0.73 0.00	27.73 -0.53 0.10	26.19 -0.43 0.00	29.97 -0.48 0.00	25.57 -0.54 0.24	24.99 -0.54 0.34	25.80 -0.55 0.20	26.63 -0.78 0.26	31.48 -0.77 0.35	32.65 -1.08 0.00	46.15 -1.67 0.00	62.03 -2.09 0.00	54.82 -2.19 0.00	54.95 -2.75 0.00	51.93 -2.06 0.00	30.02 -0.75 0.00
VALLEY___115KV_TB 1-4 80826	26.91 -0.36 0.00	24.71 -0.31 0.00	25.24 -0.25 0.00	27.49 -0.13 -0.62	28.10 -0.23 0.00	30.31 -0.23 0.00	34.78 -0.19 0.00	44.51 -0.19 0.00	31.44 -0.33 0.00	27.84 -0.51 0.00	26.04 -0.59 0.00	29.93 -0.53 0.00	25.91 -0.45 0.00	25.47 -0.42 -0.01	27.23 -0.44 -1.12	29.69 -0.39 -2.41	32.22 -0.42 -0.04	33.51 -0.22 0.00	47.75 -0.07 0.00	64.39 0.27 0.00	57.21 0.20 0.00	57.74 0.04 0.00	53.91 -0.08 0.00	30.67 -0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	27.78 0.52 0.00	25.49 0.47 0.00	25.99 0.50 0.00	27.57 0.58 0.00	28.93 0.60 0.00	31.17 0.63 0.00	35.73 0.76 0.00	45.71 1.01 0.00	32.55 0.77 0.00	29.03 0.67 0.00	27.26 0.63 0.00	31.28 0.82 0.00	27.11 0.75 0.00	26.70 0.83 0.00	27.44 0.88 0.00	28.55 0.88 0.00	33.68 1.08 0.00	34.93 1.19 0.00	49.70 1.71 -0.17	66.37 2.24 0.00	58.95 1.94 0.00	59.46 1.76 0.00	55.67 1.68 0.00	31.76 0.98 0.00
VISCHER___FERRY HYD 24020	28.18 0.92 0.00	25.88 0.86 0.00	26.45 0.97 0.00	28.02 1.02 0.00	29.34 1.01 0.00	31.66 1.12 0.00	36.18 1.21 0.00	46.17 1.47 0.00	32.89 1.11 0.00	29.29 0.94 0.00	27.43 0.80 0.00	31.36 0.91 0.00	27.18 0.82 0.00	26.80 0.93 0.00	27.49 0.94 0.00	28.72 1.04 0.00	33.84 1.24 0.00	35.09 1.35 0.00	49.82 2.00 0.00	66.57 2.44 0.00	59.04 2.03 0.00	59.87 2.17 0.00	55.77 1.78 0.00	31.71 0.94 0.00
V_A_10_SYNC_DSASP 323832	25.64 -1.62 0.00	23.67 -1.35 0.00	23.75 -1.74 0.00	25.16 -1.84 0.00	26.61 -1.72 0.00	28.71 -1.82 0.00	32.89 -2.09 0.00	42.01 -2.70 0.00	30.34 -1.44 0.00	27.03 -1.15 0.17	25.77 -0.86 0.00	29.27 -1.18 0.00	24.85 -1.22 0.29	24.25 -1.23 0.40	25.08 -1.24 0.23	25.93 -1.45 0.30	30.51 -1.69 0.41	31.59 -2.14 0.00	44.63 -3.19 0.00	60.09 -4.04 0.00	53.32 -3.69 0.00	53.53 -4.16 0.00	50.96 -3.03 0.00	29.42 -1.35 0.00
V_CMM_10_SYNC_DSASP 323787	27.00 -0.27 0.00	24.72 -0.30 0.00	25.18 -0.30 0.00	13.50 -0.36 13.15	28.09 -0.24 0.00	30.29 -0.25 0.00	34.86 -0.12 0.00	44.78 0.08 0.00	31.69 -0.08 0.00	28.21 -0.15 0.00	26.50 -0.13 0.00	30.20 -0.26 0.00	25.94 -0.42 0.00	25.07 -0.64 0.16	3.15 -0.68 22.73	-13.37 -0.71 40.33	31.09 -0.70 0.82	33.01 -0.72 0.00	46.84 -0.98 0.00	63.21 -0.92 0.00	56.37 -0.63 0.00	57.48 -0.22 0.00	53.83 -0.17 0.00	30.51 -0.26 0.00
V_CMP_10_SYNC_DSASP 323788	26.88 -0.39 0.00	20.36 -0.66 4.00	-21.28 -0.90 45.87	-21.14 -0.99 47.15	-21.29 -0.91 48.71	-0.11 -0.92 29.73	34.35 -0.62 0.00	44.49 -0.21 0.00	31.63 -0.15 0.00	28.49 0.13 0.00	26.61 -0.02 0.00	29.89 -0.56 0.00	25.53 -0.83 0.00	24.65 -1.07 0.16	2.59 -1.16 22.80	-13.98 -1.22 40.43	18.18 -1.33 13.09	32.46 -1.27 0.00	46.19 -1.63 0.00	62.42 -1.71 0.00	55.96 -1.05 0.00	57.19 -0.51 0.00	53.40 -0.60 0.00	30.44 -0.34 0.00
V_D_10_SYNC_DSASP 323841	27.11 -0.15 0.00	24.95 -0.20 -0.13	26.80 -0.21 -1.52	15.16 -0.25 11.59	29.82 -0.12 -1.61	31.41 -0.11 -0.98	35.04 0.07 0.00	45.02 0.32 0.00	31.85 0.08 0.00	28.34 -0.01 0.00	26.58 -0.05 0.00	30.26 -0.19 0.00	25.99 -0.37 0.00	25.12 -0.60 0.15	3.91 -0.65 21.99	-12.24 -0.61 39.30	30.95 -0.63 1.02	33.08 -0.66 0.00	46.79 -1.03 0.00	63.29 -0.84 0.00	56.48 -0.53 0.00	57.77 0.07 0.00	54.10 0.11 0.00	30.66 -0.11 0.00
V_E_10_SYNC_DSASP 323830	26.63 -0.64 0.00	24.35 -0.67 0.00	24.94 -0.55 0.00	26.80 -0.20 0.00	28.30 -0.03 0.00	30.72 0.18 0.00	35.96 0.99 0.00	46.57 1.87 0.00	33.33 1.56 0.00	29.58 1.23 0.00	27.69 1.06 0.00	31.51 1.06 0.00	27.27 0.91 0.00	26.43 0.56 0.00	27.27 0.72 0.00	28.57 0.90 0.00	34.22 1.61 0.00	35.13 1.40 0.00	51.28 3.11 -0.35	68.99 4.86 0.00	61.46 4.45 0.00	61.47 3.77 0.00	57.35 3.36 0.00	32.60 1.82 0.00

V_F_30_NSYNC___DSASP 323816	28.54 1.28 0.00	26.20 1.18 0.00	26.76 1.28 0.00	28.35 1.35 0.00	29.73 1.40 0.00	32.07 1.53 0.00	36.69 1.72 0.00	46.82 2.12 0.00	33.30 1.53 0.00	29.58 1.22 0.00	27.66 1.04 0.00	31.66 1.20 0.00	27.41 1.04 0.00	27.09 1.22 0.00	27.85 1.30 0.00	29.12 1.45 0.00	34.37 1.77 0.00	35.66 1.93 0.00	50.68 2.86 0.00	67.83 3.71 0.00	60.15 3.14 0.00	60.94 3.24 0.00	56.74 2.75 0.00	32.23 1.46 0.00
V_F_30_SYNC_DSASP 323786	27.91 0.65 0.00	25.63 0.62 0.00	26.17 0.69 0.00	27.71 0.71 0.00	29.03 0.70 0.00	31.32 0.78 0.00	35.76 0.78 0.00	45.64 0.94 0.00	32.52 0.75 0.00	28.99 0.64 0.00	27.19 0.56 0.00	31.16 0.70 0.00	27.03 0.67 0.00	26.68 0.81 0.00	27.42 0.86 0.00	28.63 0.96 0.00	33.68 1.08 0.00	34.87 1.14 0.00	49.42 1.60 0.00	66.05 1.93 0.00	58.60 1.59 0.00	59.30 1.61 0.00	55.28 1.29 0.00	31.52 0.75 0.00
V_XM_10_SYNC_DSASP 323789	26.88 -0.39 0.00	20.36 -0.66 4.00	-21.28 -0.90 45.87	-21.14 -0.99 47.15	-21.29 -0.91 48.71	-0.11 -0.92 29.73	34.35 -0.62 0.00	44.49 -0.21 0.00	31.63 -0.15 0.00	28.49 0.13 0.00	26.61 -0.02 0.00	29.89 -0.56 0.00	25.53 -0.83 0.00	24.65 -1.07 0.16	2.59 -1.16 22.80	-13.98 -1.22 40.43	18.18 -1.33 13.09	32.46 -1.27 0.00	46.19 -1.63 0.00	62.42 -1.71 0.00	55.96 -1.05 0.00	57.19 -0.51 0.00	53.40 -0.60 0.00	30.44 -0.34 0.00
W.BABYLN_69_KV_BK1 56697	29.46 2.20 0.00	27.06 2.04 0.00	27.51 2.02 0.00	29.12 2.12 0.00	30.43 2.11 0.00	32.99 2.46 0.00	37.61 2.64 0.00	48.07 3.37 0.00	34.22 2.45 0.00	31.84 2.47 -1.02	39.41 2.37 -10.41	39.58 2.78 -6.35	35.35 2.61 -6.37	44.83 2.78 -16.18	50.73 2.80 -21.38	41.13 2.92 -10.54	45.51 3.17 -9.74	48.92 3.42 -11.77	66.44 4.73 -13.89	75.51 5.79 -5.60	78.49 5.38 -16.10	143.76 5.61 -80.45	58.72 4.73 0.00	33.60 2.83 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.85 1.59 0.00	26.48 1.46 0.00	26.91 1.43 0.00	28.52 1.53 0.00	29.85 1.52 0.00	32.29 1.75 0.00	36.87 1.90 0.00	47.22 2.52 0.00	33.66 1.88 0.00	30.18 1.83 0.00	22.58 1.72 5.77	31.97 2.07 0.55	28.43 2.07 0.00	25.67 2.27 0.00	28.92 2.37 0.00	30.27 2.60 0.00	35.57 2.97 0.00	36.84 3.11 0.00	52.01 4.19 0.00	69.35 5.22 0.00	61.65 4.64 0.00	62.16 4.46 0.00	57.78 3.78 0.00	32.83 2.05 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.05 1.79 0.00	26.65 1.64 0.00	27.08 1.60 0.00	28.69 1.69 0.00	29.99 1.66 0.00	32.46 1.92 0.00	37.11 2.13 0.00	47.58 2.88 0.00	33.95 2.18 0.00	30.50 2.14 0.00	32.04 2.04 -3.38	33.23 2.46 -0.32	28.78 2.42 0.00	29.95 2.63 -1.45	29.29 2.73 0.00	30.62 2.95 0.00	35.96 3.36 0.00	37.18 3.45 0.00	52.38 4.56 0.00	69.86 5.73 0.00	61.98 4.97 0.00	62.46 4.76 0.00	58.16 4.16 0.00	33.07 2.29 0.00
W50THST__13_KV_LOAD 356117	29.17 1.91 0.00	26.76 1.74 0.00	27.19 1.71 0.00	28.80 1.80 0.00	30.11 1.79 0.00	32.59 2.05 0.00	37.29 2.31 0.00	47.84 3.14 0.00	34.16 2.39 0.00	30.71 2.35 0.00	32.24 2.24 -3.38	33.48 2.70 -0.32	29.01 2.65 0.00	30.17 2.85 -1.45	29.52 2.97 0.00	30.87 3.21 0.00	36.26 3.65 0.00	37.47 3.73 0.00	52.75 4.93 0.00	70.31 6.19 0.00	62.36 5.35 0.00	62.80 5.10 0.00	58.48 4.48 0.00	33.24 2.46 0.00
WADING RIVER_IC_1 23522	29.60 2.33 -0.01	27.23 2.21 0.00	27.66 2.18 0.00	29.29 2.29 0.00	30.60 2.28 0.00	33.17 2.63 0.00	37.81 2.84 0.00	48.20 3.49 0.00	34.26 2.48 0.00	31.30 2.52 -0.42	35.26 2.33 -6.30	35.52 2.69 -2.38	31.50 2.56 -2.58	35.10 2.76 -6.46	34.48 2.81 -5.11	35.54 2.98 -4.89	39.94 3.26 -4.08	42.77 3.67 -5.36	59.29 5.09 -6.38	73.09 6.39 -2.57	71.43 5.90 -8.52	131.53 6.01 -67.82	59.05 5.05 0.00	33.76 2.99 0.00
WADING RIVER_IC_2 23547	29.60 2.33 -0.01	27.23 2.21 0.00	27.66 2.18 0.00	29.29 2.29 0.00	30.60 2.28 0.00	33.17 2.63 0.00	37.81 2.84 0.00	48.20 3.49 0.00	34.26 2.48 0.00	31.30 2.52 -0.42	35.26 2.33 -6.30	35.52 2.69 -2.38	31.50 2.56 -2.58	35.10 2.76 -6.46	34.48 2.81 -5.11	35.54 2.98 -4.89	39.94 3.26 -4.08	42.77 3.67 -5.36	59.29 5.09 -6.38	73.09 6.39 -2.57	71.43 5.90 -8.52	131.53 6.01 -67.82	59.05 5.05 0.00	33.76 2.99 0.00
WADING RIVER_IC_3 23601	29.60 2.33 -0.01	27.23 2.21 0.00	27.66 2.18 0.00	29.29 2.29 0.00	30.60 2.28 0.00	33.17 2.63 0.00	37.81 2.84 0.00	48.20 3.49 0.00	34.26 2.48 0.00	31.30 2.52 -0.42	35.26 2.33 -6.30	35.52 2.69 -2.38	31.50 2.56 -2.58	35.10 2.76 -6.46	34.48 2.81 -5.11	35.54 2.98 -4.89	39.94 3.26 -4.08	42.77 3.67 -5.36	59.29 5.09 -6.38	73.09 6.39 -2.57	71.43 5.90 -8.52	131.53 6.01 -67.82	59.05 5.05 0.00	33.76 2.99 0.00
WALDENNY_12_KV_BK2 80841	25.71 -1.55 0.00	23.71 -1.31 0.00	23.75 -1.74 0.00	25.16 -1.84 0.00	26.60 -1.72 0.00	28.73 -1.80 0.00	32.90 -2.07 0.00	42.05 -2.65 0.00	30.38 -1.40 0.00	26.96 -1.10 0.30	25.77 -0.86 0.00	29.32 -1.14 0.00	24.60 -1.20 0.56	23.97 -1.12 0.78	24.95 -1.15 0.46	25.74 -1.36 0.58	30.31 -1.50 0.80	31.74 -2.00 0.00	44.79 -3.03 0.00	60.44 -3.69 0.00	53.62 -3.39 0.00	53.76 -3.93 0.00	51.24 -2.75 0.00	29.66 -1.12 0.00
WALDEN___HYDRO 24148	28.74 1.48 0.00	26.37 1.35 0.00	26.82 1.33 0.00	28.42 1.42 0.00	29.74 1.41 0.00	32.15 1.62 0.00	36.73 1.75 0.00	47.02 2.31 0.00	33.49 1.72 0.00	30.00 1.64 0.00	26.51 1.53 1.65	32.10 1.81 0.16	28.16 1.80 0.00	27.17 2.01 0.71	28.65 2.10 0.00	29.99 2.32 0.00	35.25 2.65 0.00	36.52 2.79 0.00	51.64 3.82 0.00	68.94 4.81 0.00	61.32 4.31 0.00	61.87 4.17 0.00	57.54 3.55 0.00	32.68 1.91 0.00
WARRENSBURG____ 23737	28.66 1.40 0.00	26.31 1.29 0.00	26.89 1.40 0.00	28.49 1.49 0.00	29.86 1.54 0.00	32.21 1.67 0.00	36.87 1.89 0.00	47.07 2.37 0.00	33.51 1.73 0.00	29.72 1.36 0.00	27.77 1.14 0.00	31.73 1.28 0.00	27.45 1.09 0.00	27.10 1.23 0.00	27.93 1.38 0.00	29.31 1.64 0.00	34.57 1.97 0.00	35.92 2.19 0.00	51.13 3.31 0.00	68.46 4.33 0.00	60.70 3.70 0.00	61.55 3.85 0.00	57.23 3.24 0.00	32.39 1.61 0.00
WATERSIDE____6 8 9 23538	29.08 1.81 0.00	26.67 1.65 0.00	27.10 1.61 0.00	28.70 1.70 0.00	30.00 1.67 0.00	32.46 1.93 0.00	37.12 2.15 0.00	47.60 2.90 0.00	34.00 2.22 0.00	30.54 2.18 -0.01	32.04 2.05 -3.37	33.23 2.45 -0.33	28.79 2.42 -0.01	29.75 2.61 -1.28	22.64 2.73 6.64	25.63 2.93 4.98	30.93 3.31 4.98	33.84 3.39 3.28	50.36 4.46 1.92	69.73 5.61 0.00	61.89 4.88 0.00	62.36 4.66 0.00	58.11 4.12 0.00	33.06 2.29 0.00
WATKINRD_115KV_LN8_ILLION 55919	27.06 -0.20 0.00	24.84 -0.17 0.00	25.35 -0.14 0.00	27.56 -0.06 -0.62	28.20 -0.12 0.00	30.41 -0.13 0.00	34.86 -0.11 0.00	44.59 -0.11 0.00	31.56 -0.21 0.00	28.01 -0.34 0.00	26.23 -0.40 0.00	30.11 -0.35 0.00	26.07 -0.29 0.00	25.62 -0.26 -0.01	27.41 -0.26 -1.12	29.86 -0.23 -2.41	32.39 -0.25 -0.04	33.61 -0.13 0.00	47.82 0.00 0.00	64.35 0.22 0.00	57.17 0.16 0.00	57.75 0.05 0.00	53.96 -0.04 0.00	30.72 -0.06 0.00

WDELAWARE___HYD 323627	28.92 1.66 0.00	26.50 1.48 0.00	26.97 1.49 0.00	28.59 1.59 0.00	29.94 1.62 0.00	32.39 1.85 0.00	37.03 2.05 0.00	47.37 2.66 0.00	33.84 2.07 0.00	30.28 1.92 0.00	26.98 1.87 1.52	32.55 2.24 0.15	28.49 2.13 0.00	27.50 2.28 0.65	28.78 2.23 0.00	30.07 2.40 0.00	35.43 2.83 0.00	36.70 2.97 0.00	52.08 4.26 0.00	69.58 5.46 0.00	61.92 4.92 0.00	62.46 4.76 0.00	58.08 4.09 0.00	32.97 2.20 0.00
WEST BABYLON___IC 23714	29.46 2.20 0.00	27.06 2.04 0.00	27.51 2.02 0.00	29.12 2.12 0.00	30.43 2.11 0.00	32.99 2.46 0.00	37.61 2.64 0.00	48.07 3.37 0.00	34.22 2.45 0.00	31.84 2.47 -1.02	39.41 2.37 -10.41	39.58 2.78 -6.35	35.35 2.61 -6.37	44.83 2.78 -16.18	50.73 2.80 -21.38	41.13 2.92 -10.54	45.51 3.17 -9.74	48.92 3.42 -11.77	66.44 4.73 -13.89	75.51 5.79 -5.60	78.49 5.38 -16.10	143.76 5.61 -80.45	58.72 4.73 0.00	33.60 2.83 0.00
WEST CANADA___HYD 24049	27.23 -0.03 0.00	24.99 -0.03 0.00	25.48 -0.01 0.00	27.62 0.00 -0.62	28.32 -0.01 0.00	30.52 -0.02 0.00	34.94 -0.04 0.00	44.61 -0.09 0.00	31.74 -0.04 0.00	28.32 -0.04 0.00	26.59 -0.04 0.00	30.42 -0.03 0.00	26.35 -0.01 0.00	25.89 0.01 -0.01	27.68 0.01 -1.12	30.11 0.02 -2.41	32.64 -0.01 -0.04	33.74 0.01 0.00	47.87 0.05 0.00	64.18 0.06 0.00	57.03 0.02 0.00	57.70 0.00 0.00	53.94 -0.05 0.00	30.76 -0.02 0.00
WESTERN_NY_WIND 24143	26.16 -1.10 0.00	24.13 -0.89 0.00	24.19 -1.29 0.00	25.62 -1.38 0.00	27.10 -1.22 0.00	29.31 -1.23 0.00	33.60 -1.38 0.00	42.95 -1.75 0.00	31.05 -0.72 0.00	27.76 -0.42 0.18	26.18 -0.45 0.00	29.83 -0.62 0.00	25.14 -0.90 0.32	24.48 -0.95 0.44	25.19 -1.11 0.26	26.08 -1.27 0.33	30.69 -1.46 0.45	32.01 -1.73 0.00	45.27 -2.55 0.00	61.29 -2.84 0.00	54.59 -2.42 0.00	54.74 -2.96 0.00	52.14 -1.86 0.00	30.08 -0.69 0.00
WESTOVER___LESR 323668	27.05 -0.21 0.00	24.85 -0.16 0.00	25.23 -0.25 0.00	26.83 -0.17 0.00	28.12 -0.21 0.00	30.34 -0.20 0.00	34.72 -0.25 0.00	44.37 -0.33 0.00	31.54 -0.23 0.00	28.16 -0.19 0.00	26.49 -0.14 0.00	30.31 -0.14 0.00	26.28 -0.08 0.00	25.88 0.01 0.00	26.60 0.05 0.00	27.61 -0.06 0.00	32.64 0.04 0.00	33.73 0.00 0.00	48.21 0.07 -0.32	64.25 0.13 0.00	56.90 -0.11 0.00	57.26 -0.44 0.00	53.65 -0.34 0.00	30.76 -0.01 0.00
WETHRSFD_WT_PWR 323626	25.65 -1.61 0.00	23.58 -1.44 0.00	23.64 -1.84 0.00	25.02 -1.97 0.00	26.34 -1.99 0.00	28.46 -2.08 0.00	32.63 -2.34 0.00	41.72 -2.98 0.00	29.77 -2.01 0.00	25.50 -1.93 0.92	24.97 -1.65 0.01	28.57 -1.89 0.00	22.69 -1.72 1.95	21.50 -1.67 2.70	23.33 -1.64 1.58	23.74 -1.93 2.01	27.86 -1.98 2.75	31.78 -1.96 0.00	44.97 -2.85 0.00	60.86 -3.27 0.00	53.98 -3.02 0.00	54.12 -3.59 0.00	51.37 -2.62 0.00	29.73 -1.05 0.00
WHAVSTOR_138KV_BK127 55557	28.75 1.49 0.00	26.39 1.37 0.00	26.82 1.34 0.00	28.43 1.43 0.00	29.75 1.42 0.00	32.17 1.64 0.00	36.73 1.76 0.00	47.02 2.32 0.00	33.51 1.74 0.00	30.05 1.69 0.00	22.37 1.60 5.86	31.82 1.93 0.56	28.30 1.94 0.00	25.50 2.14 2.51	28.78 2.23 0.00	30.12 2.45 0.00	35.39 2.79 0.00	36.65 2.91 0.00	51.73 3.92 0.00	68.99 4.86 0.00	61.33 4.32 0.00	61.87 4.17 0.00	57.52 3.53 0.00	32.69 1.92 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.75 1.49 0.00	26.39 1.37 0.00	26.82 1.34 0.00	28.43 1.43 0.00	29.75 1.42 0.00	32.17 1.64 0.00	36.73 1.76 0.00	47.02 2.32 0.00	33.51 1.74 0.00	30.05 1.69 0.00	22.37 1.60 5.86	31.82 1.93 0.56	28.30 1.94 0.00	25.50 2.14 2.51	28.78 2.23 0.00	30.12 2.45 0.00	35.39 2.79 0.00	36.65 2.91 0.00	51.73 3.92 0.00	68.99 4.86 0.00	61.33 4.32 0.00	61.87 4.17 0.00	57.52 3.53 0.00	32.69 1.92 0.00
WHITEHAL_115KV_TB1 80871	29.21 1.95 0.00	26.84 1.82 0.00	27.56 2.08 0.00	29.24 2.24 0.00	30.60 2.27 0.00	32.90 2.37 0.00	37.53 2.56 0.00	47.64 2.94 0.00	34.02 2.24 0.00	30.16 1.80 0.00	28.26 1.63 0.00	32.17 1.72 0.00	27.64 1.28 0.00	27.19 1.31 0.00	28.14 1.59 0.00	29.78 2.11 0.00	35.08 2.48 0.00	36.62 2.89 0.00	52.33 4.52 0.00	69.99 5.86 0.00	61.92 4.92 0.00	63.14 5.45 0.00	58.46 4.47 0.00	32.79 2.01 0.00
WHITEPLN_13_KV_LOAD 356215	29.17 1.91 0.00	26.76 1.75 0.00	27.17 1.69 0.00	28.76 1.76 0.00	30.09 1.76 0.00	32.55 2.01 0.00	37.22 2.24 0.00	47.70 3.00 0.00	34.04 2.26 0.00	30.56 2.20 0.00	32.22 2.07 -3.52	33.25 2.46 -0.34	28.77 2.41 0.00	29.98 2.60 -1.51	29.27 2.71 0.00	30.63 2.96 0.00	36.01 3.41 0.00	37.26 3.53 0.00	52.57 4.75 0.00	70.08 5.96 0.00	62.21 5.20 0.00	62.72 5.02 0.00	58.33 4.33 0.00	33.15 2.38 0.00
WM_FLOYD_69_KV_BK2 356380	29.56 2.29 -0.01	27.17 2.15 0.00	27.61 2.12 0.00	29.24 2.24 0.00	30.54 2.22 0.00	33.11 2.57 0.00	37.74 2.77 0.00	48.12 3.41 0.00	34.21 2.43 0.00	31.24 2.45 -0.43	35.27 2.28 -6.36	35.51 2.62 -2.44	31.51 2.51 -2.64	35.19 2.70 -6.61	34.69 2.77 -5.37	35.57 2.91 -4.98	39.96 3.18 -4.18	42.79 3.58 -5.48	59.28 4.94 -6.52	72.94 6.19 -2.62	71.40 5.73 -8.66	131.60 5.84 -68.06	58.89 4.90 0.00	33.67 2.90 0.00
WOODARD__115KV_TB2 355635	26.79 -0.48 0.00	24.57 -0.45 0.00	25.02 -0.46 0.00	26.52 -0.48 0.00	27.79 -0.53 0.00	29.99 -0.54 0.00	34.33 -0.64 0.00	43.80 -0.91 0.00	31.09 -0.69 0.00	27.72 -0.63 0.00	26.05 -0.57 0.00	29.82 -0.63 0.00	25.91 -0.45 0.00	25.51 -0.36 0.00	26.17 -0.39 0.00	27.15 -0.52 0.00	32.06 -0.55 0.00	33.11 -0.62 0.00	47.70 -0.86 -0.74	63.02 -1.10 0.00	55.99 -1.02 0.00	56.50 -1.20 0.00	52.97 -1.02 0.00	30.34 -0.43 0.00
WOODMERE_69_KV_BK1 55827	29.32 2.06 0.00	26.94 1.92 0.00	27.36 1.88 0.00	28.99 1.99 0.00	30.31 1.98 0.00	32.83 2.29 0.00	37.45 2.48 0.00	47.90 3.20 0.00	34.16 2.38 0.00	41.90 2.35 -11.20	109.97 2.34 -81.00	108.91 2.68 -75.77	100.63 2.53 -71.74	213.15 2.75 -184.53	332.05 2.80 -302.70	137.13 2.96 -106.49	126.18 3.31 -90.26	129.83 3.57 -92.53	157.76 4.87 -105.08	112.60 6.08 -42.39	169.17 5.54 -106.62	253.77 5.61 -190.46	58.65 4.66 0.00	33.49 2.68 -0.04
YORK___WARBASSE 23770	29.25 1.98 0.00	26.82 1.80 0.00	27.24 1.76 0.00	28.86 1.86 0.00	30.17 1.84 0.00	32.65 2.11 0.00	37.35 2.37 0.00	47.87 3.16 0.00	34.20 2.42 0.00	30.71 2.34 -0.01	32.19 2.19 -3.37	33.42 2.64 -0.33	28.94 2.57 -0.01	30.88 2.73 -2.27	61.28 2.83 -31.90	54.61 3.04 -23.90	59.96 3.43 -23.93	52.98 3.51 -15.74	61.67 4.64 -9.21	69.99 5.86 0.00	62.11 5.11 0.00	62.59 4.90 0.00	58.38 4.38 0.00	33.24 2.46 0.00