

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/04/2023

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	23.97	21.71	19.98	19.94	21.32	22.82	45.58	31.96	32.14	36.05	30.75	32.45	27.18	24.70	26.27	43.78	35.59	42.31	51.72	37.38	64.91	35.38	42.47	21.84
24138	2.01	1.81	1.71	1.69	1.78	1.91	3.82	2.93	3.04	3.41	2.86	3.01	2.60	2.29	2.43	3.84	3.12	3.63	4.52	3.35	5.90	3.12	3.45	1.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.26	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	23.95	21.68	19.95	19.91	21.28	22.77	45.49	31.91	32.08	35.98	30.70	32.38	27.15	24.70	26.27	43.78	35.57	42.28	51.68	37.38	64.91	35.41	42.51	21.87
24260	1.98	1.78	1.68	1.66	1.74	1.87	3.73	2.88	2.97	3.34	2.81	2.94	2.57	2.29	2.43	3.84	3.10	3.60	4.48	3.34	5.91	3.15	3.49	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.26	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	23.95	21.68	19.95	19.91	21.28	22.77	45.49	31.91	32.08	35.98	30.70	32.38	27.15	24.70	26.27	43.78	35.57	42.28	51.68	37.38	64.91	35.41	42.51	21.87
24261	1.98	1.78	1.68	1.66	1.74	1.87	3.73	2.88	2.97	3.34	2.81	2.94	2.57	2.29	2.43	3.84	3.10	3.60	4.48	3.34	5.91	3.15	3.49	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.26	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	23.20	20.93	19.17	19.17	20.62	22.15	44.30	30.88	30.97	34.69	29.64	31.30	26.20	23.88	25.36	44.20	35.63	43.42	52.60	36.76	65.70	34.88	42.77	21.31
24011	1.24	1.02	0.90	0.92	1.09	1.25	2.53	1.84	1.86	2.05	1.75	1.86	1.61	1.47	1.52	2.59	1.96	2.58	3.37	2.59	4.49	2.22	2.37	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.66	-1.20	-4.42	-2.03	-0.13	-2.21	-0.41	-1.39	-0.02
ADK RESOURCE___RCVRY	23.30	20.98	19.20	19.21	20.68	22.28	44.53	31.02	31.16	34.94	29.88	31.55	26.34	23.99	25.51	42.86	34.63	42.10	50.98	36.91	63.93	34.65	41.63	21.46
23798	1.34	1.07	0.93	0.96	1.15	1.38	2.76	1.99	2.05	2.29	2.00	2.12	1.75	1.58	1.67	2.92	2.15	2.90	3.78	2.87	4.92	2.39	2.62	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.79	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	23.20	20.93	19.17	19.17	20.62	22.15	44.30	30.88	30.97	34.69	29.64	31.30	26.20	23.88	25.36	44.20	35.63	43.42	52.60	36.76	65.70	34.88	42.77	21.31
24028	1.24	1.02	0.90	0.92	1.09	1.25	2.53	1.84	1.86	2.05	1.75	1.86	1.61	1.47	1.52	2.59	1.96	2.58	3.37	2.59	4.49	2.22	2.37	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.66	-1.20	-4.42	-2.03	-0.13	-2.21	-0.41	-1.39	-0.02
ADK_NYS___DAM	23.19	21.04	19.33	19.33	20.77	22.03	43.85	30.52	30.50	34.26	29.30	30.86	25.83	23.61	25.16	42.15	34.19	41.05	49.69	36.01	62.26	34.04	40.89	21.14
23527	1.23	1.14	1.06	1.09	1.23	1.12	2.08	1.49	1.40	1.62	1.41	1.43	1.25	1.20	1.33	2.21	1.71	1.94	2.49	1.97	3.25	1.78	1.88	1.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.70	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	22.37	20.22	18.66	18.65	19.96	21.28	42.48	29.61	29.64	33.26	28.40	29.95	25.04	22.86	24.32	42.40	34.33	41.61	50.29	35.05	62.72	33.31	40.93	20.40
24190	0.41	0.32	0.39	0.40	0.42	0.38	0.71	0.58	0.53	0.62	0.51	0.51	0.46	0.45	0.48	0.77	0.65	0.85	1.04	0.87	1.48	0.64	0.51	0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.68	-1.21	-4.35	-2.05	-0.13	-2.23	-0.41	-1.41	-0.02
AKWESSNE_115KV_BK	21.74	19.73	18.10	18.07	19.33	20.66	41.26	28.54	28.61	32.10	27.46	29.07	24.25	22.09	23.50	39.60	32.25	36.08	46.76	33.46	58.00	31.79	38.73	19.71
355683	-0.22	-0.17	-0.16	-0.17	-0.20	-0.24	-0.50	-0.49	-0.49	-0.54	-0.43	-0.37	-0.34	-0.32	-0.34	-0.62	-0.43	-0.62	-0.79	-0.60	-1.42	-0.54	-0.54	-0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-0.20	-0.27	-0.35	-0.02	-0.41	-0.08	-0.26	0.00
ALBANY___1	22.37	20.22	18.66	18.65	19.96	21.28	42.48	29.61	29.64	33.26	28.40	29.95	25.04	22.86	24.32	42.40	34.33	41.61	50.29	35.05	62.72	33.31	40.93	20.40
23571	0.41	0.32	0.39	0.40	0.42	0.38	0.71	0.58	0.53	0.62	0.51	0.51	0.46	0.45	0.48	0.77	0.65	0.85	1.04	0.87	1.48	0.64	0.51	0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.68	-1.21	-4.35	-2.05	-0.13	-2.23	-0.41	-1.41	-0.02
ALBANY___2	22.37	20.22	18.66	18.65	19.96	21.28	42.48	29.61	29.64	33.26	28.40	29.95	25.04	22.86	24.32	42.40	34.33	41.61	50.29	35.05	62.72	33.31	40.93	20.40
23572	0.41	0.32	0.39	0.40	0.42	0.38	0.71	0.58	0.53	0.62	0.51	0.51	0.46	0.45	0.48	0.77	0.65	0.85	1.04	0.87	1.48	0.64	0.51	0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.68	-1.21	-4.35	-2.05	-0.13	-2.23	-0.41	-1.41	-0.02
ALBANY___3	22.37	20.22	18.66	18.65	19.96	21.28	42.48	29.61	29.64	33.26	28.40	29.95	25.04	22.86	24.32	42.40	34.33	41.61	50.29	35.05	62.72	33.31	40.93	20.40
23573	0.41	0.32	0.39	0.40	0.42	0.38	0.71	0.58	0.53	0.62	0.51	0.51	0.46	0.45	0.48	0.77	0.65	0.85	1.04	0.87	1.48	0.64	0.51	0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.68	-1.21	-4.35	-2.05	-0.13	-2.23	-0.41	-1.41	-0.02

ALBANY___4 23574	22.37 0.41 0.00	20.22 0.32 0.00	18.66 0.39 0.00	18.65 0.40 0.00	19.96 0.42 0.00	21.28 0.38 0.00	42.48 0.71 0.00	29.61 0.58 0.00	29.64 0.53 0.00	33.26 0.62 0.00	28.40 0.51 0.00	29.95 0.51 0.00	25.04 0.46 0.00	22.86 0.45 0.00	24.32 0.48 0.00	42.40 0.77 -1.68	34.33 0.65 -1.21	41.61 0.85 -4.35	50.29 1.04 -2.05	35.05 0.87 -0.13	62.72 1.48 -2.23	33.31 0.64 -0.41	40.93 0.51 -1.41	20.40 0.36 -0.02
ALBANY___LFGE 323615	22.57 0.61 0.00	20.41 0.50 0.00	18.82 0.55 0.00	18.80 0.55 0.00	20.13 0.59 0.00	21.49 0.58 0.00	42.90 1.13 0.00	29.91 0.88 0.00	29.94 0.83 0.00	33.62 0.98 0.00	28.71 0.83 0.00	30.27 0.83 0.00	25.32 0.73 0.00	23.11 0.70 0.00	24.58 0.74 0.00	41.16 1.22 0.00	33.50 1.02 0.00	40.40 1.27 -2.72	48.78 1.58 0.00	35.31 1.27 0.00	61.16 2.15 0.00	33.25 1.00 0.00	39.94 0.93 0.00	20.58 0.57 0.00
ALCOA_PA_115KV_PL-6C 55860	21.76 -0.20 0.00	19.77 -0.13 0.00	18.14 -0.13 0.00	18.11 -0.14 0.00	19.38 -0.16 0.00	20.70 -0.21 0.00	41.35 -0.41 0.00	28.60 -0.43 0.00	28.66 -0.44 0.00	32.15 -0.50 0.00	27.50 -0.39 0.00	29.10 -0.34 0.00	24.27 -0.31 0.00	22.11 -0.31 0.00	23.51 -0.33 0.00	39.71 -0.58 -0.35	32.33 -0.40 -0.25	36.20 -0.56 -0.34	46.92 -0.72 -0.44	33.52 -0.55 -0.03	57.97 -1.55 -0.51	31.87 -0.48 -0.09	38.86 -0.48 -0.32	19.73 -0.28 0.00
ALCOA_RYNLDS___DRP 24188	21.76 -0.20 0.00	19.77 -0.13 0.00	18.14 -0.13 0.00	18.11 -0.14 0.00	19.38 -0.16 0.00	20.70 -0.21 0.00	41.35 -0.41 0.00	28.60 -0.43 0.00	28.66 -0.44 0.00	32.15 -0.50 0.00	27.50 -0.39 0.00	29.10 -0.34 0.00	24.27 -0.31 0.00	22.11 -0.31 0.00	23.51 -0.33 0.00	39.71 -0.58 -0.35	32.33 -0.40 -0.25	36.20 -0.56 -0.34	46.92 -0.72 -0.44	33.52 -0.55 -0.03	57.97 -1.55 -0.51	31.87 -0.48 -0.09	38.86 -0.48 -0.32	19.73 -0.28 0.00
ALCOA___DSASP 323711	21.76 -0.20 0.00	19.78 -0.13 0.00	18.14 -0.13 0.00	18.11 -0.14 0.00	19.38 -0.16 0.00	20.70 -0.21 0.00	41.35 -0.41 0.00	28.60 -0.43 0.00	28.66 -0.44 0.00	32.15 -0.50 0.00	27.50 -0.39 0.00	29.10 -0.34 0.00	24.27 -0.31 0.00	22.11 -0.30 0.00	23.51 -0.33 0.00	39.36 -0.58 0.00	32.08 -0.40 0.00	35.86 -0.56 0.00	46.48 -0.72 0.00	33.49 -0.55 0.00	57.46 -1.55 0.00	31.77 -0.48 0.00	38.53 -0.48 0.00	19.73 -0.28 0.00
ALLEGHENY___COGEN 23514	23.52 1.56 0.00	21.16 1.25 -0.01	19.34 1.05 -0.02	19.27 1.01 -0.01	20.77 1.19 -0.04	22.76 1.67 -0.19	49.72 3.80 -4.15	32.06 2.93 -0.10	32.04 2.86 -0.08	35.39 2.66 -0.08	30.11 2.16 -0.06	31.01 1.57 0.00	25.76 1.18 0.00	22.84 0.43 0.00	24.17 0.34 0.00	35.21 1.37 6.10	29.30 0.97 4.15	32.69 1.26 4.99	42.19 2.34 7.35	35.83 1.79 0.00	63.20 4.19 0.00	34.12 1.87 0.00	41.42 2.41 0.00	20.98 0.97 0.00
ALTAMONT_115KV_TB 2 55880	22.77 0.81 0.00	20.61 0.71 0.00	18.95 0.68 0.00	18.94 0.69 0.00	20.29 0.75 0.00	21.66 0.76 0.00	43.27 1.50 0.00	30.17 1.14 0.00	30.22 1.11 0.00	33.89 1.24 0.00	28.93 1.04 0.00	30.48 1.05 0.00	25.50 0.92 0.00	23.27 0.85 0.00	24.75 0.92 0.00	43.12 1.50 -1.68	34.89 1.21 -1.20	42.25 1.49 -4.34	51.15 1.90 -2.04	35.63 1.46 -0.13	63.82 2.59 -2.22	33.96 1.29 -0.41	41.75 1.34 -1.40	20.79 0.76 -0.02
ALTONA_WT_PWR 323606	22.51 0.55 0.00	20.30 0.40 0.00	18.68 0.41 0.00	18.70 0.45 0.00	20.08 0.54 0.00	21.66 0.76 0.00	43.38 1.61 0.00	30.37 1.33 0.00	30.33 1.22 0.00	33.83 1.18 0.00	28.98 1.09 0.00	30.67 1.24 0.00	25.55 0.97 0.00	23.22 0.81 0.00	24.81 0.98 0.00	41.55 1.60 0.00	34.01 1.53 0.00	38.02 1.60 0.00	49.08 1.87 0.00	35.66 1.62 0.00	61.52 2.52 0.00	33.62 1.37 0.00	40.96 1.94 0.00	20.85 0.84 0.00
AMERICAN_REF_FUEL 24010	20.58 -1.34 0.04	18.76 -1.13 0.01	17.10 -1.14 0.03	17.07 -1.17 0.01	18.30 -1.18 0.06	19.56 -1.08 0.26	39.29 -1.82 0.66	27.81 -1.09 0.14	28.00 -1.00 0.10	31.12 -1.42 0.11	26.60 -1.21 0.08	27.87 -1.57 0.00	23.17 -1.42 0.00	21.07 -1.34 0.00	22.51 -1.32 0.00	8.93 -0.80 30.21	10.90 -1.00 20.58	8.74 -1.11 26.57	9.64 -1.11 36.45	30.14 -1.53 2.37	17.64 -1.80 39.56	23.46 -1.45 7.34	12.73 -1.37 24.92	18.70 -0.95 0.36
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.90 -0.02 0.03	19.97 0.07 0.01	18.31 0.06 0.02	18.26 0.02 0.01	19.75 0.25 0.04	21.23 0.52 0.19	42.77 1.59 0.59	30.40 1.47 0.10	30.67 1.64 0.08	34.09 1.53 0.08	29.08 1.25 0.06	30.15 0.71 0.00	24.99 0.40 0.00	22.71 0.30 0.00	24.49 0.66 0.00	19.59 1.89 22.25	18.42 1.11 15.17	18.29 1.32 19.45	22.40 2.07 26.87	33.79 1.27 1.51	36.92 3.20 25.28	28.80 1.24 4.69	24.93 1.83 15.92	20.40 0.64 0.25
ARTHUR_KILL_GT_1 23520	23.96 2.00 0.00	21.75 1.84 0.00	20.01 1.74 0.00	19.97 1.73 0.00	21.33 1.79 0.00	22.79 1.88 0.00	45.44 3.67 0.00	31.93 2.89 0.00	32.01 2.91 0.00	35.84 3.20 0.00	30.58 2.69 0.00	32.29 2.85 0.00	27.07 2.48 0.00	24.50 2.09 0.00	26.05 2.22 0.00	43.25 3.37 0.06	35.49 3.01 0.00	42.08 3.40 -2.26	51.25 4.05 0.00	37.25 3.21 0.00	64.41 5.40 0.00	35.42 3.16 0.00	42.43 3.42 0.00	21.92 1.91 0.00
ARTHUR_KILL_2 23512	23.91 1.95 0.00	21.70 1.80 0.00	19.97 1.70 0.00	19.93 1.68 0.00	21.28 1.75 0.00	22.73 1.83 0.00	45.33 3.57 0.00	31.84 2.81 0.00	31.93 2.83 0.00	35.76 3.11 0.00	30.52 2.63 0.00	32.21 2.77 0.00	27.00 2.42 0.00	24.43 2.02 0.00	25.98 2.15 0.00	43.14 3.26 0.06	35.39 2.92 0.00	41.99 3.31 -2.26	51.12 3.92 0.00	37.15 3.12 0.00	64.22 5.21 0.00	35.32 3.07 0.00	42.32 3.31 0.00	21.87 1.86 0.00
ARTHUR_KILL_3 23513	23.70 1.74 0.00	21.47 1.57 0.00	19.77 1.50 0.00	19.73 1.48 0.00	21.08 1.54 0.00	22.55 1.64 0.00	45.01 3.24 0.00	31.54 2.51 0.00	31.70 2.59 0.00	35.56 2.91 0.00	30.32 2.42 0.00	31.99 2.55 0.00	26.83 2.25 0.00	24.42 2.01 0.00	25.97 2.13 0.00	43.24 3.30 0.00	35.15 2.67 0.00	41.79 3.12 -2.26	51.03 3.83 0.00	36.92 2.88 0.00	64.14 5.13 0.00	35.00 2.74 0.00	42.00 2.99 0.00	21.62 1.61 0.00
ARTHUR_KILL_COGEN 323718	23.96 2.00 0.00	21.75 1.84 0.00	20.01 1.74 0.00	19.97 1.73 0.00	21.33 1.79 0.00	22.79 1.88 0.00	45.44 3.67 0.00	31.93 2.89 0.00	32.01 2.91 0.00	35.84 3.20 0.00	30.58 2.69 0.00	32.29 2.85 0.00	27.07 2.48 0.00	24.50 2.09 0.00	26.05 2.22 0.00	43.25 3.37 0.06	35.49 3.01 0.00	42.08 3.40 -2.26	51.25 4.05 0.00	37.25 3.21 0.00	64.41 5.40 0.00	35.42 3.16 0.00	42.43 3.42 0.00	21.92 1.91 0.00
ASHOKAN____ 23654	23.59 1.63 0.00	21.28 1.37 0.00	19.54 1.27 0.00	19.53 1.28 0.00	20.95 1.41 0.00	22.44 1.54 0.00	44.86 3.09 0.00	31.35 2.32 0.00	31.41 2.30 0.00	35.26 2.61 0.00	30.08 2.19 0.00	31.54 2.10 0.00	26.29 1.70 0.00	23.85 1.44 0.00	25.39 1.55 0.00	42.60 2.65 0.00	34.56 2.08 0.00	41.34 2.46 -2.46	50.71 3.51 0.00	36.81 2.77 0.00	64.20 5.19 0.00	34.89 2.64 0.00	41.86 2.85 0.00	21.52 1.51 0.00

Astoria_East_Energy_CC1 323581	23.82 1.85 0.00	21.57 1.67 0.00	19.87 1.60 0.00	19.81 1.56 0.00	21.14 1.61 0.00	22.62 1.72 0.00	45.20 3.43 0.00	31.70 2.66 0.00	31.85 2.74 0.00	35.66 3.02 0.00	30.44 2.55 0.00	32.09 2.66 0.00	26.94 2.35 0.00	24.55 2.14 0.00	26.10 2.26 0.00	43.46 3.51 0.00	35.30 2.82 0.00	41.97 3.30 -2.26	51.24 4.04 0.00	37.11 3.07 0.00	64.47 5.47 0.00	35.14 2.89 0.00	42.26 3.25 0.00	21.77 1.76 0.00
Astoria_East_Energy_CC2 323582	23.82 1.86 0.00	21.57 1.67 0.00	19.87 1.60 0.00	19.81 1.56 0.00	21.15 1.61 0.00	22.62 1.72 0.00	45.21 3.44 0.00	31.70 2.67 0.00	31.85 2.75 0.00	35.66 3.02 0.00	30.44 2.55 0.00	32.09 2.66 0.00	26.94 2.35 0.00	24.55 2.14 0.00	26.10 2.26 0.00	43.45 3.51 0.00	35.30 2.82 0.00	41.97 3.30 -2.26	51.24 4.04 0.00	37.11 3.07 0.00	64.47 5.47 0.00	35.14 2.89 0.00	42.26 3.25 0.00	21.77 1.76 0.00
Astoria_GT2_1 24094	23.83 1.87 0.00	21.58 1.68 0.00	19.88 1.62 0.00	19.82 1.57 0.00	21.15 1.61 0.00	22.63 1.73 0.00	45.23 3.46 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.68 3.04 0.00	30.45 2.57 0.00	32.11 2.67 0.00	26.95 2.36 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.52 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.51 5.50 0.00	35.16 2.91 0.00	42.28 3.27 0.00	21.78 1.77 0.00
Astoria_GT2_2 24095	23.83 1.87 0.00	21.58 1.68 0.00	19.88 1.62 0.00	19.82 1.57 0.00	21.15 1.61 0.00	22.63 1.73 0.00	45.23 3.46 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.68 3.04 0.00	30.45 2.57 0.00	32.11 2.67 0.00	26.95 2.36 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.52 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.51 5.50 0.00	35.16 2.91 0.00	42.28 3.27 0.00	21.78 1.77 0.00
Astoria_GT2_3 24096	23.83 1.87 0.00	21.58 1.68 0.00	19.88 1.62 0.00	19.82 1.57 0.00	21.15 1.61 0.00	22.63 1.73 0.00	45.23 3.46 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.68 3.04 0.00	30.45 2.57 0.00	32.11 2.67 0.00	26.95 2.36 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.52 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.51 5.50 0.00	35.16 2.91 0.00	42.28 3.27 0.00	21.78 1.77 0.00
Astoria_GT2_4 24097	23.83 1.87 0.00	21.58 1.68 0.00	19.88 1.62 0.00	19.82 1.57 0.00	21.15 1.61 0.00	22.63 1.73 0.00	45.23 3.46 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.68 3.04 0.00	30.45 2.57 0.00	32.11 2.67 0.00	26.95 2.36 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.52 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.51 5.50 0.00	35.16 2.91 0.00	42.28 3.27 0.00	21.78 1.77 0.00
Astoria_GT3_1 24098	23.83 1.87 0.00	21.58 1.68 0.00	19.88 1.62 0.00	19.82 1.57 0.00	21.15 1.61 0.00	22.63 1.73 0.00	45.23 3.46 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.68 3.04 0.00	30.45 2.57 0.00	32.11 2.67 0.00	26.95 2.36 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.52 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.51 5.50 0.00	35.16 2.91 0.00	42.28 3.27 0.00	21.78 1.77 0.00
Astoria_GT3_2 24099	23.83 1.87 0.00	21.58 1.68 0.00	19.88 1.62 0.00	19.82 1.57 0.00	21.15 1.61 0.00	22.63 1.73 0.00	45.23 3.46 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.68 3.04 0.00	30.45 2.57 0.00	32.11 2.67 0.00	26.95 2.36 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.52 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.51 5.50 0.00	35.16 2.91 0.00	42.28 3.27 0.00	21.78 1.77 0.00
Astoria_GT3_3 24100	23.83 1.87 0.00	21.58 1.68 0.00	19.88 1.62 0.00	19.82 1.57 0.00	21.15 1.61 0.00	22.63 1.73 0.00	45.23 3.46 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.68 3.04 0.00	30.45 2.57 0.00	32.11 2.67 0.00	26.95 2.36 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.52 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.51 5.50 0.00	35.16 2.91 0.00	42.28 3.27 0.00	21.78 1.77 0.00
Astoria_GT3_4 24101	23.83 1.87 0.00	21.58 1.68 0.00	19.88 1.62 0.00	19.82 1.57 0.00	21.15 1.61 0.00	22.63 1.73 0.00	45.23 3.46 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.68 3.04 0.00	30.45 2.57 0.00	32.11 2.67 0.00	26.95 2.36 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.52 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.51 5.50 0.00	35.16 2.91 0.00	42.28 3.27 0.00	21.78 1.77 0.00
Astoria_GT4_1 24102	23.83 1.87 0.00	21.58 1.68 0.00	19.88 1.62 0.00	19.82 1.57 0.00	21.15 1.61 0.00	22.63 1.73 0.00	45.23 3.46 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.68 3.04 0.00	30.45 2.57 0.00	32.11 2.67 0.00	26.95 2.36 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.52 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.51 5.50 0.00	35.16 2.91 0.00	42.28 3.27 0.00	21.78 1.77 0.00
Astoria_GT4_2 24103	23.83 1.87 0.00	21.58 1.68 0.00	19.88 1.62 0.00	19.82 1.57 0.00	21.15 1.61 0.00	22.63 1.73 0.00	45.23 3.46 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.68 3.04 0.00	30.45 2.57 0.00	32.11 2.67 0.00	26.95 2.36 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.52 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.51 5.50 0.00	35.16 2.91 0.00	42.28 3.27 0.00	21.78 1.77 0.00
Astoria_GT4_3 24104	23.83 1.87 0.00	21.58 1.68 0.00	19.88 1.62 0.00	19.82 1.57 0.00	21.15 1.61 0.00	22.63 1.73 0.00	45.23 3.46 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.68 3.04 0.00	30.45 2.57 0.00	32.11 2.67 0.00	26.95 2.36 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.52 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.51 5.50 0.00	35.16 2.91 0.00	42.28 3.27 0.00	21.78 1.77 0.00
Astoria_GT4_4 24105	23.83 1.87 0.00	21.58 1.68 0.00	19.88 1.62 0.00	19.82 1.57 0.00	21.15 1.61 0.00	22.63 1.73 0.00	45.23 3.46 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.68 3.04 0.00	30.45 2.57 0.00	32.11 2.67 0.00	26.95 2.36 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.52 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.51 5.50 0.00	35.16 2.91 0.00	42.28 3.27 0.00	21.78 1.77 0.00
Astoria_GT_1 23523	23.86 1.90 0.00	21.61 1.71 0.00	19.91 1.64 0.00	19.84 1.60 0.00	21.18 1.64 0.00	22.67 1.76 0.00	45.30 3.53 0.00	31.77 2.74 0.00	31.92 2.81 0.00	35.75 3.11 0.00	30.51 2.63 0.00	32.17 2.73 0.00	26.99 2.41 0.00	24.61 2.19 0.00	26.16 2.32 0.00	43.55 3.61 0.00	35.38 2.90 0.00	42.06 3.38 -2.26	51.37 4.17 0.00	37.20 3.16 0.00	64.64 5.63 0.00	35.23 2.97 0.00	42.36 3.35 0.00	21.81 1.81 0.00

ASTORIA_GT_10 24110	23.81 1.85 0.00	21.58 1.68 0.00	19.88 1.61 0.00	19.83 1.58 0.00	21.19 1.65 0.00	22.64 1.74 0.00	45.24 3.47 0.00	31.73 2.70 0.00	31.89 2.79 0.00	35.75 3.10 0.00	30.52 2.63 0.00	32.18 2.74 0.00	26.98 2.40 0.00	24.57 2.16 0.00	26.13 2.29 0.00	43.51 3.56 0.00	35.36 2.88 0.00	42.02 3.35 -2.26	51.34 4.14 0.00	37.15 3.12 0.00	64.51 5.51 0.00	35.19 2.94 0.00	42.25 3.24 0.00	21.74 1.73 0.00
ASTORIA_GT_11 24225	23.81 1.85 0.00	21.58 1.68 0.00	19.88 1.61 0.00	19.83 1.58 0.00	21.19 1.65 0.00	22.64 1.74 0.00	45.24 3.47 0.00	31.73 2.70 0.00	31.89 2.79 0.00	35.75 3.10 0.00	30.52 2.63 0.00	32.18 2.74 0.00	26.98 2.40 0.00	24.57 2.16 0.00	26.13 2.29 0.00	43.51 3.56 0.00	35.36 2.88 0.00	42.02 3.35 -2.26	51.34 4.14 0.00	37.15 3.12 0.00	64.51 5.51 0.00	35.19 2.94 0.00	42.25 3.24 0.00	21.74 1.73 0.00
ASTORIA_GT_12 24226	23.81 1.85 0.00	21.58 1.68 0.00	19.88 1.61 0.00	19.83 1.58 0.00	21.19 1.65 0.00	22.64 1.74 0.00	45.24 3.47 0.00	31.73 2.70 0.00	31.89 2.79 0.00	35.75 3.10 0.00	30.52 2.63 0.00	32.18 2.74 0.00	26.98 2.40 0.00	24.57 2.16 0.00	26.13 2.29 0.00	43.51 3.56 0.00	35.36 2.88 0.00	42.02 3.35 -2.26	51.34 4.14 0.00	37.15 3.12 0.00	64.51 5.51 0.00	35.19 2.94 0.00	42.25 3.24 0.00	21.74 1.73 0.00
ASTORIA_GT_13 24227	23.81 1.85 0.00	21.58 1.68 0.00	19.88 1.61 0.00	19.83 1.58 0.00	21.19 1.65 0.00	22.64 1.74 0.00	45.24 3.47 0.00	31.73 2.70 0.00	31.89 2.79 0.00	35.75 3.10 0.00	30.52 2.63 0.00	32.18 2.74 0.00	26.98 2.40 0.00	24.57 2.16 0.00	26.13 2.29 0.00	43.51 3.56 0.00	35.36 2.88 0.00	42.02 3.35 -2.26	51.34 4.14 0.00	37.15 3.12 0.00	64.51 5.51 0.00	35.19 2.94 0.00	42.25 3.24 0.00	21.74 1.73 0.00
ASTORIA_GT_5 24106	23.86 1.90 0.00	21.61 1.71 0.00	19.91 1.64 0.00	19.84 1.60 0.00	21.18 1.64 0.00	22.67 1.76 0.00	45.30 3.53 0.00	31.77 2.74 0.00	31.92 2.81 0.00	35.75 3.11 0.00	30.51 2.63 0.00	32.17 2.73 0.00	26.99 2.41 0.00	24.61 2.19 0.00	26.16 2.32 0.00	43.55 3.61 0.00	35.38 2.90 0.00	42.06 3.38 -2.26	51.37 4.17 0.00	37.20 3.16 0.00	64.64 5.63 0.00	35.23 2.97 0.00	42.36 3.35 0.00	21.81 1.81 0.00
ASTORIA_GT_7 24107	23.86 1.90 0.00	21.61 1.71 0.00	19.91 1.64 0.00	19.84 1.60 0.00	21.18 1.64 0.00	22.67 1.76 0.00	45.30 3.53 0.00	31.77 2.74 0.00	31.92 2.81 0.00	35.75 3.11 0.00	30.51 2.63 0.00	32.17 2.73 0.00	26.99 2.41 0.00	24.61 2.19 0.00	26.16 2.32 0.00	43.55 3.61 0.00	35.38 2.90 0.00	42.06 3.38 -2.26	51.37 4.17 0.00	37.20 3.16 0.00	64.64 5.63 0.00	35.23 2.97 0.00	42.36 3.35 0.00	21.81 1.81 0.00
ASTORIA_GT_8 24108	23.86 1.90 0.00	21.61 1.71 0.00	19.91 1.64 0.00	19.84 1.60 0.00	21.18 1.64 0.00	22.67 1.76 0.00	45.30 3.53 0.00	31.77 2.74 0.00	31.92 2.81 0.00	35.75 3.11 0.00	30.51 2.63 0.00	32.17 2.73 0.00	26.99 2.41 0.00	24.61 2.19 0.00	26.16 2.32 0.00	43.55 3.61 0.00	35.38 2.90 0.00	42.06 3.38 -2.26	51.37 4.17 0.00	37.20 3.16 0.00	64.64 5.63 0.00	35.23 2.97 0.00	42.36 3.35 0.00	21.81 1.81 0.00
ASTORIA___2 24149	23.83 1.87 0.00	21.58 1.68 0.00	19.88 1.62 0.00	19.82 1.57 0.00	21.15 1.61 0.00	22.63 1.73 0.00	45.23 3.46 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.68 3.04 0.00	30.45 2.57 0.00	32.11 2.67 0.00	26.95 2.36 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.52 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.51 5.50 0.00	35.16 2.91 0.00	42.28 3.27 0.00	21.78 1.77 0.00
ASTORIA___3 23516	23.81 1.85 0.00	21.58 1.68 0.00	19.88 1.61 0.00	19.83 1.58 0.00	21.19 1.65 0.00	22.64 1.74 0.00	45.24 3.47 0.00	31.73 2.70 0.00	31.89 2.79 0.00	35.75 3.10 0.00	30.52 2.63 0.00	32.18 2.74 0.00	26.98 2.40 0.00	24.57 2.16 0.00	26.13 2.29 0.00	43.51 3.56 0.00	35.36 2.88 0.00	42.02 3.35 -2.26	51.34 4.14 0.00	37.15 3.12 0.00	64.51 5.51 0.00	35.19 2.94 0.00	42.25 3.24 0.00	21.74 1.73 0.00
ASTORIA___4 23517	23.81 1.85 0.00	21.58 1.68 0.00	19.88 1.61 0.00	19.83 1.58 0.00	21.19 1.65 0.00	22.64 1.74 0.00	45.24 3.47 0.00	31.73 2.70 0.00	31.90 2.80 0.00	35.75 3.11 0.00	30.50 2.62 0.00	32.18 2.75 0.00	26.98 2.40 0.00	24.57 2.15 0.00	26.13 2.29 0.00	45.69 3.58 -2.17	36.92 2.88 -1.56	44.16 3.36 -4.39	53.98 4.14 -2.64	37.33 3.12 -0.17	67.38 5.50 -2.87	35.72 2.94 -0.53	44.06 3.24 -1.81	21.77 1.74 -0.03
ASTORIA___5 23518	23.81 1.85 0.00	21.58 1.68 0.00	19.88 1.61 0.00	19.83 1.58 0.00	21.19 1.65 0.00	22.64 1.74 0.00	45.24 3.47 0.00	31.73 2.70 0.00	31.89 2.79 0.00	35.75 3.10 0.00	30.52 2.63 0.00	32.18 2.74 0.00	26.98 2.40 0.00	24.57 2.16 0.00	26.13 2.29 0.00	43.51 3.56 0.00	35.36 2.88 0.00	42.02 3.35 -2.26	51.34 4.14 0.00	37.15 3.12 0.00	64.51 5.51 0.00	35.19 2.94 0.00	42.25 3.24 0.00	21.74 1.73 0.00
AST_ENERGY_2_CC3 323677	23.77 1.80 0.00	21.54 1.64 0.00	19.82 1.55 0.00	19.78 1.53 0.00	21.14 1.61 0.00	22.61 1.70 0.00	45.09 3.32 0.00	31.62 2.59 0.00	31.78 2.67 0.00	35.65 3.01 0.00	30.41 2.53 0.00	32.08 2.64 0.00	26.91 2.32 0.00	24.49 2.08 0.00	26.04 2.21 0.00	43.36 3.42 0.00	35.25 2.77 0.00	41.92 3.25 -2.26	51.23 4.03 0.00	37.05 3.01 0.00	64.35 5.34 0.00	35.10 2.85 0.00	42.15 3.14 0.00	21.72 1.71 0.00
AST_ENERGY_2_CC4 323678	23.77 1.80 0.00	21.54 1.64 0.00	19.82 1.55 0.00	19.78 1.53 0.00	21.14 1.61 0.00	22.61 1.70 0.00	45.09 3.32 0.00	31.62 2.59 0.00	31.78 2.67 0.00	35.65 3.01 0.00	30.41 2.53 0.00	32.08 2.64 0.00	26.91 2.32 0.00	24.49 2.08 0.00	26.04 2.21 0.00	43.36 3.42 0.00	35.25 2.77 0.00	41.92 3.25 -2.26	51.23 4.03 0.00	37.05 3.01 0.00	64.35 5.34 0.00	35.10 2.85 0.00	42.15 3.14 0.00	21.72 1.71 0.00
ATHENS_STG_1 23668	23.04 1.07 0.00	20.86 0.95 0.00	19.17 0.90 0.00	19.15 0.90 0.00	20.51 0.97 0.00	21.92 1.01 0.00	43.75 1.98 0.00	30.56 1.53 0.00	30.62 1.52 0.00	34.34 1.70 0.00	29.33 1.44 0.00	30.91 1.47 0.00	25.87 1.28 0.00	23.59 1.17 0.00	25.09 1.25 0.00	41.95 2.01 0.00	34.10 1.62 0.00	40.82 1.95 -2.46	49.65 2.45 0.00	35.88 1.84 0.00	62.30 3.29 0.00	33.95 1.70 0.00	40.85 1.84 0.00	21.02 1.01 0.00
ATHENS_STG_2 23670	23.04 1.07 0.00	20.86 0.95 0.00	19.17 0.90 0.00	19.15 0.90 0.00	20.51 0.97 0.00	21.92 1.01 0.00	43.75 1.98 0.00	30.56 1.53 0.00	30.62 1.52 0.00	34.34 1.70 0.00	29.33 1.44 0.00	30.91 1.47 0.00	25.87 1.28 0.00	23.59 1.17 0.00	25.09 1.25 0.00	41.95 2.01 0.00	34.10 1.62 0.00	40.82 1.95 -2.46	49.65 2.45 0.00	35.88 1.84 0.00	62.30 3.29 0.00	33.95 1.70 0.00	40.85 1.84 0.00	21.02 1.01 0.00

ATHENS_STG_3 23677	23.04 1.07 0.00	20.86 0.95 0.00	19.17 0.90 0.00	19.15 0.90 0.00	20.51 0.97 0.00	21.92 1.01 0.00	43.75 1.98 0.00	30.56 1.53 0.00	30.62 1.52 0.00	34.34 1.70 0.00	29.33 1.44 0.00	30.91 1.47 0.00	25.87 1.28 0.00	23.59 1.17 0.00	25.09 1.25 0.00	41.95 2.01 0.00	34.10 1.62 0.00	40.82 1.95 -2.46	49.65 2.45 0.00	35.88 1.84 0.00	62.30 3.29 0.00	33.95 1.70 0.00	40.85 1.84 0.00	21.02 1.01 0.00
AUBURN____LFGE 323710	22.43 0.45 -0.01	20.17 0.27 0.00	18.51 0.24 0.00	18.48 0.24 0.00	19.82 0.28 0.00	21.43 0.53 0.00	42.98 1.20 0.00	30.11 1.08 0.00	30.08 0.97 0.00	33.80 1.16 0.00	28.72 0.83 0.00	30.17 0.73 0.00	25.27 0.68 0.00	23.00 0.59 0.00	24.48 0.64 0.00	86.63 1.07 -45.61	63.73 0.93 -30.32	78.31 0.97 -40.92	103.68 1.44 -55.04	39.00 1.14 -3.82	125.14 2.28 -63.85	45.19 1.09 -11.85	80.50 1.28 -40.21	21.00 0.57 -0.43
BABYLON_RES_REC 323704	24.26 2.30 0.00	22.02 2.12 0.00	20.17 1.90 0.00	20.11 1.87 0.00	21.57 2.03 0.00	23.15 2.25 0.00	46.00 4.24 0.00	32.34 3.31 0.00	59.78 3.53 -27.15	36.28 3.64 0.00	32.89 3.17 -1.83	38.19 3.31 -5.44	27.47 2.80 -0.08	24.77 2.36 0.00	26.42 2.58 0.00	44.72 4.28 -0.50	35.80 3.32 0.00	42.53 3.85 -2.26	52.05 4.85 0.00	37.89 3.85 0.00	66.46 6.65 -0.80	35.83 3.58 0.00	43.11 4.10 0.00	22.15 2.14 0.00
BABYLON__69_KV_BK2 356345	24.46 2.49 0.00	22.22 2.31 0.00	20.34 2.07 0.00	20.29 2.04 0.00	21.76 2.22 0.00	23.34 2.43 0.00	46.32 4.55 0.00	32.58 3.54 0.00	60.07 3.81 -27.15	36.55 3.91 0.00	33.11 3.39 -1.83	38.44 3.57 -5.44	27.66 3.00 -0.08	24.93 2.52 0.00	26.61 2.77 0.00	47.28 4.67 -2.67	37.65 3.61 -1.56	44.97 4.17 -4.39	55.11 5.27 -2.64	38.40 4.18 -0.18	69.91 7.23 -3.67	36.66 3.87 -0.53	45.28 4.46 -1.81	22.35 2.32 -0.03
BARON_WINDS____WT_PWR 323822	22.31 0.36 0.01	20.28 0.35 -0.02	18.55 0.24 -0.04	18.48 0.22 -0.01	19.89 0.27 -0.08	21.66 0.40 -0.35	39.78 1.02 3.00	30.31 1.09 -0.18	30.40 1.15 -0.14	33.89 1.10 -0.15	28.88 0.89 -0.10	30.06 0.62 0.00	25.02 0.43 0.00	22.82 0.41 0.00	24.39 0.56 0.00	49.77 1.50 -8.33	38.98 0.82 -5.68	45.47 1.04 -8.00	58.73 1.47 -10.06	35.83 1.05 -0.74	73.76 2.38 -12.38	35.59 1.04 -2.30	48.22 1.41 -7.79	20.86 0.60 -0.25
BARRETT_IC_1 23704	23.96 2.00 0.00	21.84 1.93 0.00	20.01 1.74 0.00	19.96 1.72 0.00	21.39 1.86 0.00	22.86 1.96 0.00	45.38 3.61 0.00	31.87 2.84 0.00	59.24 2.99 -27.15	35.82 3.17 0.00	32.56 2.84 -1.83	37.94 3.07 -5.44	27.28 2.61 -0.08	24.63 2.22 0.00	26.26 2.42 0.00	44.26 3.82 -0.50	35.37 2.90 0.00	42.11 3.44 -2.26	51.36 4.16 0.00	37.35 3.30 0.00	65.38 5.57 -0.80	35.40 3.15 0.00	42.52 3.51 0.00	21.88 1.87 0.00
BARRETT_IC_10 23701	23.96 2.00 0.00	21.84 1.93 0.00	20.01 1.74 0.00	19.96 1.72 0.00	21.39 1.86 0.00	22.86 1.96 0.00	45.38 3.61 0.00	31.87 2.84 0.00	59.24 2.99 -27.15	35.82 3.17 0.00	32.56 2.84 -1.83	37.94 3.07 -5.44	27.28 2.61 -0.08	24.63 2.22 0.00	26.26 2.42 0.00	44.26 3.82 -0.50	35.37 2.90 0.00	42.11 3.44 -2.26	51.36 4.16 0.00	37.35 3.30 0.00	65.38 5.57 -0.80	35.40 3.15 0.00	42.52 3.51 0.00	21.88 1.87 0.00
BARRETT_IC_11 23702	23.96 2.00 0.00	21.84 1.93 0.00	20.01 1.74 0.00	19.96 1.72 0.00	21.39 1.86 0.00	22.86 1.96 0.00	45.38 3.61 0.00	31.87 2.84 0.00	59.24 2.99 -27.15	35.82 3.17 0.00	32.56 2.84 -1.83	37.94 3.07 -5.44	27.28 2.61 -0.08	24.63 2.22 0.00	26.26 2.42 0.00	44.26 3.82 -0.50	35.37 2.90 0.00	42.11 3.44 -2.26	51.36 4.16 0.00	37.35 3.30 0.00	65.38 5.57 -0.80	35.40 3.15 0.00	42.52 3.51 0.00	21.88 1.87 0.00
BARRETT_IC_12 23703	23.96 2.00 0.00	21.84 1.93 0.00	20.01 1.74 0.00	19.96 1.72 0.00	21.39 1.86 0.00	22.86 1.96 0.00	45.38 3.61 0.00	31.87 2.84 0.00	59.24 2.99 -27.15	35.82 3.17 0.00	32.56 2.84 -1.83	37.94 3.07 -5.44	27.28 2.61 -0.08	24.63 2.22 0.00	26.26 2.42 0.00	44.26 3.82 -0.50	35.37 2.90 0.00	42.11 3.44 -2.26	51.36 4.16 0.00	37.35 3.30 0.00	65.38 5.57 -0.80	35.40 3.15 0.00	42.52 3.51 0.00	21.88 1.87 0.00
BARRETT_IC_2 23705	23.96 2.00 0.00	21.84 1.93 0.00	20.01 1.74 0.00	19.96 1.72 0.00	21.39 1.86 0.00	22.86 1.96 0.00	45.38 3.61 0.00	31.87 2.84 0.00	59.24 2.99 -27.15	35.82 3.17 0.00	32.56 2.84 -1.83	37.94 3.07 -5.44	27.28 2.61 -0.08	24.63 2.22 0.00	26.26 2.42 0.00	44.26 3.82 -0.50	35.37 2.90 0.00	42.11 3.44 -2.26	51.36 4.16 0.00	37.35 3.30 0.00	65.38 5.57 -0.80	35.40 3.15 0.00	42.52 3.51 0.00	21.88 1.87 0.00
BARRETT_IC_3 23706	23.96 2.00 0.00	21.84 1.93 0.00	20.01 1.74 0.00	19.96 1.72 0.00	21.39 1.86 0.00	22.86 1.96 0.00	45.38 3.61 0.00	31.87 2.84 0.00	59.24 2.99 -27.15	35.82 3.17 0.00	32.56 2.84 -1.83	37.94 3.07 -5.44	27.28 2.61 -0.08	24.63 2.22 0.00	26.26 2.42 0.00	44.26 3.82 -0.50	35.37 2.90 0.00	42.11 3.44 -2.26	51.36 4.16 0.00	37.35 3.30 0.00	65.38 5.57 -0.80	35.40 3.15 0.00	42.52 3.51 0.00	21.88 1.87 0.00
BARRETT_IC_4 23707	23.96 2.00 0.00	21.84 1.93 0.00	20.01 1.74 0.00	19.96 1.72 0.00	21.39 1.86 0.00	22.86 1.96 0.00	45.38 3.61 0.00	31.87 2.84 0.00	59.24 2.99 -27.15	35.82 3.17 0.00	32.56 2.84 -1.83	37.94 3.07 -5.44	27.28 2.61 -0.08	24.63 2.22 0.00	26.26 2.42 0.00	44.26 3.82 -0.50	35.37 2.90 0.00	42.11 3.44 -2.26	51.36 4.16 0.00	37.35 3.30 0.00	65.38 5.57 -0.80	35.40 3.15 0.00	42.52 3.51 0.00	21.88 1.87 0.00
BARRETT_IC_5 23708	23.96 2.00 0.00	21.84 1.93 0.00	20.01 1.74 0.00	19.96 1.72 0.00	21.39 1.86 0.00	22.86 1.96 0.00	45.38 3.61 0.00	31.87 2.84 0.00	59.24 2.99 -27.15	35.82 3.17 0.00	32.56 2.84 -1.83	37.94 3.07 -5.44	27.28 2.61 -0.08	24.63 2.22 0.00	26.26 2.42 0.00	44.26 3.82 -0.50	35.37 2.90 0.00	42.11 3.44 -2.26	51.36 4.16 0.00	37.35 3.30 0.00	65.38 5.57 -0.80	35.40 3.15 0.00	42.52 3.51 0.00	21.88 1.87 0.00
BARRETT_IC_6 23709	23.96 2.00 0.00	21.84 1.93 0.00	20.01 1.74 0.00	19.96 1.72 0.00	21.39 1.86 0.00	22.86 1.96 0.00	45.38 3.61 0.00	31.87 2.84 0.00	59.24 2.99 -27.15	35.82 3.17 0.00	32.56 2.84 -1.83	37.94 3.07 -5.44	27.28 2.61 -0.08	24.63 2.22 0.00	26.26 2.42 0.00	44.26 3.82 -0.50	35.37 2.90 0.00	42.11 3.44 -2.26	51.36 4.16 0.00	37.35 3.30 0.00	65.38 5.57 -0.80	35.40 3.15 0.00	42.52 3.51 0.00	21.88 1.87 0.00
BARRETT_IC_7 23710	23.96 2.00 0.00	21.84 1.93 0.00	20.01 1.74 0.00	19.96 1.72 0.00	21.39 1.86 0.00	22.86 1.96 0.00	45.38 3.61 0.00	31.87 2.84 0.00	59.24 2.99 -27.15	35.82 3.17 0.00	32.56 2.84 -1.83	37.94 3.07 -5.44	27.28 2.61 -0.08	24.63 2.22 0.00	26.26 2.42 0.00	44.26 3.82 -0.50	35.37 2.90 0.00	42.11 3.44 -2.26	51.36 4.16 0.00	37.35 3.30 0.00	65.38 5.57 -0.80	35.40 3.15 0.00	42.52 3.51 0.00	21.88 1.87 0.00

BARRETT_IC_8 23711	23.96 2.00 0.00	21.84 1.93 0.00	20.01 1.74 0.00	19.96 1.72 0.00	21.39 1.86 0.00	22.86 1.96 0.00	45.38 3.61 0.00	31.87 2.84 0.00	59.24 2.99 -27.15	35.82 3.17 0.00	32.56 2.84 -1.83	37.94 3.07 -5.44	27.28 2.61 -0.08	24.63 2.22 0.00	26.26 2.42 0.00	44.26 3.82 -0.50	35.37 2.90 0.00	42.11 3.44 -2.26	51.36 4.16 0.00	37.35 3.30 0.00	65.38 5.57 -0.80	35.40 3.15 0.00	42.52 3.51 0.00	21.88 1.87 0.00
BARRETT_IC_9 23700	23.96 2.00 0.00	21.84 1.93 0.00	20.01 1.74 0.00	19.96 1.72 0.00	21.39 1.86 0.00	22.86 1.96 0.00	45.38 3.61 0.00	31.87 2.84 0.00	59.24 2.99 -27.15	35.82 3.17 0.00	32.56 2.84 -1.83	37.94 3.07 -5.44	27.28 2.61 -0.08	24.63 2.22 0.00	26.26 2.42 0.00	44.26 3.82 -0.50	35.37 2.90 0.00	42.11 3.44 -2.26	51.36 4.16 0.00	37.35 3.30 0.00	65.38 5.57 -0.80	35.40 3.15 0.00	42.52 3.51 0.00	21.88 1.87 0.00
BARRETT___1 23545	23.96 2.00 0.00	21.84 1.93 0.00	20.01 1.74 0.00	19.96 1.72 0.00	21.39 1.86 0.00	22.86 1.96 0.00	45.38 3.61 0.00	31.87 2.84 0.00	59.24 2.99 -27.15	35.82 3.17 0.00	32.56 2.84 -1.83	37.94 3.07 -5.44	27.28 2.61 -0.08	24.63 2.22 0.00	26.26 2.42 0.00	44.26 3.82 -0.50	35.37 2.90 0.00	42.11 3.44 -2.26	51.36 4.16 0.00	37.35 3.30 0.00	65.38 5.57 -0.80	35.40 3.15 0.00	42.52 3.51 0.00	21.88 1.87 0.00
BARRETT___2 23546	23.96 2.00 0.00	21.84 1.93 0.00	20.01 1.74 0.00	19.96 1.72 0.00	21.39 1.86 0.00	22.86 1.96 0.00	45.38 3.61 0.00	31.87 2.84 0.00	59.24 2.99 -27.15	35.82 3.17 0.00	32.56 2.84 -1.83	37.94 3.07 -5.44	27.28 2.61 -0.08	24.63 2.22 0.00	26.26 2.42 0.00	44.26 3.82 -0.50	35.37 2.90 0.00	42.11 3.44 -2.26	51.36 4.16 0.00	37.35 3.30 0.00	65.38 5.57 -0.80	35.40 3.15 0.00	42.52 3.51 0.00	21.88 1.87 0.00
BATAVIA___115KV_TB1 55881	21.70 -0.22 0.05	19.78 -0.12 0.00	18.06 -0.21 0.00	18.00 -0.24 0.00	19.37 -0.17 0.00	20.96 0.05 0.00	42.31 0.60 0.06	29.76 0.73 0.00	29.85 0.75 0.00	33.21 0.56 0.00	28.32 0.43 0.00	29.48 0.04 0.00	24.51 -0.08 0.00	22.26 -0.15 0.00	23.75 -0.08 0.00	2.04 0.71 38.61	6.21 0.40 26.67	1.57 0.54 35.39	1.79 1.06 46.47	31.37 0.44 3.11	8.89 1.77 51.89	23.12 0.50 9.63	7.13 0.79 32.67	19.71 0.12 0.42
BAYONEEC___CTG1 323682	23.80 1.83 0.00	21.55 1.65 0.00	19.83 1.56 0.00	19.79 1.54 0.00	21.15 1.62 0.00	22.63 1.73 0.00	45.17 3.41 0.00	31.67 2.64 0.00	31.83 2.72 0.00	35.70 3.05 0.00	30.45 2.56 0.00	32.13 2.69 0.00	26.95 2.37 0.00	24.52 2.10 0.00	26.07 2.24 0.00	43.42 3.47 0.00	35.28 2.81 0.00	41.96 3.29 -2.26	51.29 4.09 0.00	37.08 3.04 0.00	64.42 5.42 0.00	35.15 2.89 0.00	42.20 3.19 0.00	21.72 1.71 0.00
BAYONEEC___CTG10 323750	23.80 1.83 0.00	21.55 1.65 0.00	19.83 1.56 0.00	19.79 1.54 0.00	21.15 1.62 0.00	22.63 1.73 0.00	45.17 3.41 0.00	31.67 2.64 0.00	31.83 2.72 0.00	35.70 3.05 0.00	30.45 2.56 0.00	32.13 2.69 0.00	26.95 2.37 0.00	24.52 2.10 0.00	26.07 2.24 0.00	43.42 3.47 0.00	35.28 2.81 0.00	41.96 3.29 -2.26	51.29 4.09 0.00	37.08 3.04 0.00	64.42 5.42 0.00	35.15 2.89 0.00	42.20 3.19 0.00	21.72 1.71 0.00
BAYONEEC___CTG2 323683	23.80 1.83 0.00	21.55 1.65 0.00	19.83 1.56 0.00	19.79 1.54 0.00	21.15 1.62 0.00	22.63 1.73 0.00	45.17 3.41 0.00	31.67 2.64 0.00	31.83 2.72 0.00	35.70 3.05 0.00	30.45 2.56 0.00	32.13 2.69 0.00	26.95 2.37 0.00	24.52 2.10 0.00	26.07 2.24 0.00	43.42 3.47 0.00	35.28 2.81 0.00	41.96 3.29 -2.26	51.29 4.09 0.00	37.08 3.04 0.00	64.42 5.42 0.00	35.15 2.89 0.00	42.20 3.19 0.00	21.72 1.71 0.00
BAYONEEC___CTG3 323684	23.80 1.83 0.00	21.55 1.65 0.00	19.83 1.56 0.00	19.79 1.54 0.00	21.15 1.62 0.00	22.63 1.73 0.00	45.17 3.41 0.00	31.67 2.64 0.00	31.83 2.72 0.00	35.70 3.05 0.00	30.45 2.56 0.00	32.13 2.69 0.00	26.95 2.37 0.00	24.52 2.10 0.00	26.07 2.24 0.00	43.42 3.47 0.00	35.28 2.81 0.00	41.96 3.29 -2.26	51.29 4.09 0.00	37.08 3.04 0.00	64.42 5.42 0.00	35.15 2.89 0.00	42.20 3.19 0.00	21.72 1.71 0.00
BAYONEEC___CTG4 323685	23.80 1.83 0.00	21.55 1.65 0.00	19.83 1.56 0.00	19.79 1.54 0.00	21.15 1.62 0.00	22.63 1.73 0.00	45.17 3.41 0.00	31.67 2.64 0.00	31.83 2.72 0.00	35.70 3.05 0.00	30.45 2.56 0.00	32.13 2.69 0.00	26.95 2.37 0.00	24.52 2.10 0.00	26.07 2.24 0.00	43.42 3.47 0.00	35.28 2.81 0.00	41.96 3.29 -2.26	51.29 4.09 0.00	37.08 3.04 0.00	64.42 5.42 0.00	35.15 2.89 0.00	42.20 3.19 0.00	21.72 1.71 0.00
BAYONEEC___CTG5 323686	23.80 1.83 0.00	21.55 1.65 0.00	19.83 1.56 0.00	19.79 1.54 0.00	21.15 1.62 0.00	22.63 1.73 0.00	45.17 3.41 0.00	31.67 2.64 0.00	31.83 2.72 0.00	35.70 3.05 0.00	30.45 2.56 0.00	32.13 2.69 0.00	26.95 2.37 0.00	24.52 2.10 0.00	26.07 2.24 0.00	43.42 3.47 0.00	35.28 2.81 0.00	41.96 3.29 -2.26	51.29 4.09 0.00	37.08 3.04 0.00	64.42 5.42 0.00	35.15 2.89 0.00	42.20 3.19 0.00	21.72 1.71 0.00
BAYONEEC___CTG6 323687	23.80 1.83 0.00	21.55 1.65 0.00	19.83 1.56 0.00	19.79 1.54 0.00	21.15 1.62 0.00	22.63 1.73 0.00	45.17 3.41 0.00	31.67 2.64 0.00	31.83 2.72 0.00	35.70 3.05 0.00	30.45 2.56 0.00	32.13 2.69 0.00	26.95 2.37 0.00	24.52 2.10 0.00	26.07 2.24 0.00	43.42 3.47 0.00	35.28 2.81 0.00	41.96 3.29 -2.26	51.29 4.09 0.00	37.08 3.04 0.00	64.42 5.42 0.00	35.15 2.89 0.00	42.20 3.19 0.00	21.72 1.71 0.00
BAYONEEC___CTG7 323688	23.80 1.83 0.00	21.55 1.65 0.00	19.83 1.56 0.00	19.79 1.54 0.00	21.15 1.62 0.00	22.63 1.73 0.00	45.17 3.41 0.00	31.67 2.64 0.00	31.83 2.72 0.00	35.70 3.05 0.00	30.45 2.56 0.00	32.13 2.69 0.00	26.95 2.37 0.00	24.52 2.10 0.00	26.07 2.24 0.00	43.42 3.47 0.00	35.28 2.81 0.00	41.96 3.29 -2.26	51.29 4.09 0.00	37.08 3.04 0.00	64.42 5.42 0.00	35.15 2.89 0.00	42.20 3.19 0.00	21.72 1.71 0.00
BAYONEEC___CTG8 323689	23.80 1.83 0.00	21.55 1.65 0.00	19.83 1.56 0.00	19.79 1.54 0.00	21.15 1.62 0.00	22.63 1.73 0.00	45.17 3.41 0.00	31.67 2.64 0.00	31.83 2.72 0.00	35.70 3.05 0.00	30.45 2.56 0.00	32.13 2.69 0.00	26.95 2.37 0.00	24.52 2.10 0.00	26.07 2.24 0.00	43.42 3.47 0.00	35.28 2.81 0.00	41.96 3.29 -2.26	51.29 4.09 0.00	37.08 3.04 0.00	64.42 5.42 0.00	35.15 2.89 0.00	42.20 3.19 0.00	21.72 1.71 0.00
BAYONEEC___CTG9 323749	23.80 1.83 0.00	21.55 1.65 0.00	19.83 1.56 0.00	19.79 1.54 0.00	21.15 1.62 0.00	22.63 1.73 0.00	45.17 3.41 0.00	31.67 2.64 0.00	31.83 2.72 0.00	35.70 3.05 0.00	30.45 2.56 0.00	32.13 2.69 0.00	26.95 2.37 0.00	24.52 2.10 0.00	26.07 2.24 0.00	43.42 3.47 0.00	35.28 2.81 0.00	41.96 3.29 -2.26	51.29 4.09 0.00	37.08 3.04 0.00	64.42 5.42 0.00	35.15 2.89 0.00	42.20 3.19 0.00	21.72 1.71 0.00

BEACON___LESR 323632	22.76 0.80 0.00	20.55 0.65 0.00	18.94 0.67 0.00	18.94 0.69 0.00	20.34 0.80 0.00	21.74 0.83 0.00	43.41 1.64 0.00	30.27 1.24 0.00	30.20 1.09 0.00	33.92 1.27 0.00	28.91 1.02 0.00	30.45 1.01 0.00	25.46 0.88 0.00	23.24 0.83 0.00	24.73 0.89 0.00	41.42 1.48 0.00	33.66 1.18 0.00	40.66 1.55 -2.69	49.21 2.01 0.00	35.72 1.69 0.00	61.85 2.84 0.00	33.58 1.33 0.00	40.30 1.29 0.00	20.75 0.74 0.00
BEAVER RIVER___HYD 24048	21.82 -0.15 0.00	19.80 -0.10 0.00	18.17 -0.10 0.00	18.14 -0.11 0.00	19.47 -0.07 0.00	20.88 -0.03 0.00	41.96 0.19 0.00	29.05 0.01 0.00	28.90 -0.21 0.00	32.26 -0.39 0.00	27.54 -0.35 0.00	28.98 -0.46 0.00	23.97 -0.61 0.00	21.79 -0.62 0.00	22.98 -0.85 0.00	38.58 -1.36 0.00	31.47 -1.01 0.00	35.79 -0.73 -0.10	46.45 -0.76 0.00	33.66 -0.37 0.00	58.75 -0.26 0.00	32.21 -0.05 0.00	38.96 -0.06 0.00	19.87 -0.14 0.00
BEEBEE_GT_13 23619	21.38 -0.53 0.05	19.44 -0.46 0.00	17.76 -0.51 0.00	17.71 -0.53 0.00	19.05 -0.49 0.00	20.59 -0.32 0.00	41.44 -0.28 0.04	29.11 0.08 0.00	29.20 0.10 0.00	32.59 -0.06 0.00	27.82 -0.07 0.00	29.09 -0.34 0.00	24.19 -0.39 0.00	21.99 -0.43 0.00	23.43 -0.40 0.00	-6.61 0.01 46.56	0.15 -0.24 32.08	-6.12 -0.22 42.31	-8.87 0.05 56.12	30.13 -0.09 3.81	-4.09 0.61 63.71	20.33 -0.10 11.82	-1.00 0.11 40.12	19.35 -0.19 0.47
BENSHRST_27_KV_BENSHRST_1 355998	24.02 2.06 0.00	21.76 1.85 0.00	20.02 1.75 0.00	19.98 1.73 0.00	21.34 1.81 0.00	22.82 1.92 0.00	45.65 3.88 0.00	32.01 2.98 0.00	32.19 3.08 0.00	36.06 3.41 0.00	30.78 2.89 0.00	32.48 3.05 0.00	27.24 2.66 0.00	24.78 2.37 0.00	26.35 2.51 0.00	46.07 3.95 -2.17	37.25 3.22 -1.56	44.52 3.71 -4.39	54.42 4.58 -2.64	37.67 3.46 -0.17	67.95 6.07 -2.87	36.10 3.31 -0.53	44.47 3.65 -1.81	21.98 1.95 -0.03
BETHLEHEM___GRP 23843	22.37 0.41 0.00	20.22 0.32 0.00	18.66 0.39 0.00	18.65 0.40 0.00	19.96 0.42 0.00	21.28 0.38 0.00	42.48 0.71 0.00	29.61 0.58 0.00	29.64 0.53 0.00	33.26 0.62 0.00	28.40 0.51 0.00	29.95 0.51 0.00	25.04 0.46 0.00	22.86 0.45 0.00	24.32 0.48 0.00	42.40 0.77 -1.68	34.33 0.65 -1.21	41.61 0.85 -4.35	50.29 1.04 -2.05	35.05 0.87 -0.13	62.72 1.48 -2.23	33.31 0.64 -0.41	40.93 0.51 -1.41	20.40 0.36 -0.02
BETHLEHEM___GS1 323560	22.37 0.41 0.00	20.22 0.32 0.00	18.66 0.39 0.00	18.65 0.40 0.00	19.96 0.42 0.00	21.28 0.38 0.00	42.48 0.71 0.00	29.61 0.58 0.00	29.63 0.53 0.00	33.26 0.62 0.00	28.40 0.51 0.00	29.95 0.51 0.00	25.04 0.46 0.00	22.86 0.45 0.00	24.32 0.48 0.00	40.70 0.76 0.00	33.13 0.65 0.00	39.96 0.84 -2.69	48.24 1.04 0.00	34.91 0.87 0.00	60.47 1.47 0.00	32.89 0.64 0.00	39.52 0.51 0.00	20.37 0.36 0.00
BETHLEHEM___GS2 323561	22.37 0.41 0.00	20.22 0.32 0.00	18.66 0.39 0.00	18.65 0.40 0.00	19.96 0.42 0.00	21.28 0.38 0.00	42.48 0.71 0.00	29.61 0.58 0.00	29.63 0.53 0.00	33.26 0.62 0.00	28.40 0.51 0.00	29.95 0.51 0.00	25.04 0.46 0.00	22.86 0.45 0.00	24.32 0.48 0.00	40.70 0.76 0.00	33.13 0.65 0.00	39.96 0.84 -2.69	48.24 1.04 0.00	34.91 0.87 0.00	60.47 1.47 0.00	32.89 0.64 0.00	39.52 0.51 0.00	20.37 0.36 0.00
BETHLEHEM___GS3 323562	22.37 0.41 0.00	20.22 0.32 0.00	18.66 0.39 0.00	18.65 0.40 0.00	19.96 0.42 0.00	21.28 0.38 0.00	42.48 0.71 0.00	29.61 0.58 0.00	29.63 0.53 0.00	33.26 0.62 0.00	28.40 0.51 0.00	29.95 0.51 0.00	25.04 0.46 0.00	22.86 0.45 0.00	24.32 0.48 0.00	40.70 0.76 0.00	33.13 0.65 0.00	39.96 0.84 -2.69	48.24 1.04 0.00	34.91 0.87 0.00	60.47 1.47 0.00	32.89 0.64 0.00	39.52 0.51 0.00	20.37 0.36 0.00
BETHLEHEM___STEEL 23779	21.51 -0.42 0.04	19.62 -0.28 0.00	17.90 -0.37 0.00	17.84 -0.40 0.00	19.20 -0.33 0.00	20.74 -0.16 0.00	41.72 0.05 0.09	29.41 0.37 0.00	29.54 0.44 0.00	32.89 0.25 0.00	28.06 0.17 0.00	29.25 -0.18 0.00	24.30 -0.28 0.00	22.12 -0.29 0.00	23.66 -0.18 0.00	15.16 0.51 25.29	14.91 0.02 17.58	12.91 0.08 23.59	17.28 0.44 30.37	32.23 0.05 1.85	28.93 0.90 30.98	26.53 0.03 5.75	19.86 0.35 19.51	19.61 -0.07 0.34
BETHLHEM_115KV_TB1 79974	22.75 0.79 0.00	20.59 0.68 0.00	18.94 0.67 0.00	18.93 0.68 0.00	20.28 0.74 0.00	21.64 0.73 0.00	43.21 1.44 0.00	30.13 1.10 0.00	30.17 1.06 0.00	33.84 1.19 0.00	28.90 1.01 0.00	30.45 1.01 0.00	25.47 0.89 0.00	23.23 0.82 0.00	24.73 0.89 0.00	43.05 1.43 -1.68	34.85 1.17 -1.20	42.17 1.42 -4.32	51.04 1.79 -2.04	35.55 1.38 -0.13	63.69 2.46 -2.23	33.88 1.21 -0.41	41.67 1.25 -1.40	20.75 0.72 -0.02
BETHPAGE_CC_5 323564	24.18 2.22 0.00	21.97 2.06 0.00	20.12 1.85 0.00	20.07 1.82 0.00	21.52 1.98 0.00	23.07 2.17 0.00	45.85 4.09 0.00	32.23 3.20 0.00	59.65 3.40 -27.15	36.20 3.55 0.00	32.81 3.09 -1.83	38.13 3.26 -5.44	27.43 2.76 -0.08	24.75 2.34 0.00	26.39 2.55 0.00	44.64 4.20 -0.50	35.68 3.20 0.00	42.38 3.71 -2.26	51.83 4.62 0.00	37.73 3.68 0.00	66.18 6.37 -0.80	35.71 3.45 0.00	43.00 3.98 0.00	22.08 2.07 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.74 -0.19 0.04	19.82 -0.08 0.00	18.08 -0.18 0.00	18.02 -0.23 0.00	19.39 -0.14 0.00	20.94 0.04 0.00	42.19 0.51 0.09	29.75 0.71 0.00	29.89 0.78 0.00	33.27 0.62 0.00	28.38 0.49 0.00	29.60 0.16 0.00	24.59 0.01 0.00	22.38 -0.03 0.00	23.94 0.11 0.00	16.41 0.90 24.43	15.78 0.32 17.02	14.01 0.41 22.81	18.73 0.88 29.35	32.73 0.41 1.72	31.79 1.49 28.72	27.29 0.37 5.33	21.67 0.74 18.08	19.84 0.14 0.31
BINGHAMTON___COGEN 23790	22.56 0.60 0.00	20.43 0.53 0.00	18.74 0.47 0.00	18.73 0.49 0.00	20.06 0.52 0.00	21.53 0.62 0.00	43.13 1.35 -0.02	30.13 1.10 0.00	30.22 1.12 0.00	33.85 1.21 0.00	28.89 1.00 0.00	30.36 0.92 0.00	25.34 0.76 0.00	23.11 0.70 0.00	24.62 0.78 0.00	49.52 1.49 -8.09	39.43 1.01 -5.95	46.75 1.24 -9.10	58.97 1.56 -10.20	35.91 1.21 -0.66	72.45 2.41 -11.03	35.45 1.14 -2.05	47.34 1.38 -6.95	20.76 0.65 -0.10
BIXINCNT_115KV_LOAD 355685	22.16 0.23 0.03	20.23 0.33 0.00	18.45 0.18 0.00	18.35 0.10 0.00	19.75 0.21 0.00	21.33 0.43 0.00	43.07 1.37 0.06	30.46 1.42 0.00	30.61 1.51 0.00	34.01 1.36 0.00	28.98 1.09 0.00	30.23 0.79 0.00	25.11 0.52 0.00	22.85 0.44 0.00	24.47 0.63 0.00	20.48 1.57 21.03	18.36 0.80 14.91	17.50 1.00 19.92	23.33 1.71 25.58	34.01 1.26 1.29	40.43 3.00 21.58	29.47 1.22 4.00	27.18 1.76 13.59	20.52 0.70 0.19
BLACK RIVER___HYD 24047	21.86 -0.10 0.00	19.88 -0.03 0.00	18.23 -0.04 0.00	18.20 -0.05 0.00	19.54 0.00 0.00	20.99 0.09 0.00	42.21 0.44 0.00	29.27 0.24 0.00	29.10 0.00 0.00	32.47 -0.17 0.00	27.69 -0.19 0.00	29.10 -0.34 0.00	24.00 -0.58 0.00	21.79 -0.63 0.00	22.97 -0.86 0.00	38.73 -1.22 0.00	31.49 -0.99 0.00	35.88 -0.67 -0.13	46.55 -0.65 0.00	33.85 -0.18 0.00	59.31 0.30 0.00	32.45 0.19 0.00	39.24 0.22 0.00	19.99 -0.02 0.00

BLACKRVR_115KV_TB2 79977	21.86 -0.10 0.00	19.88 -0.02 0.00	18.23 -0.04 0.00	18.20 -0.05 0.00	19.54 0.00 0.00	20.99 0.09 0.00	42.21 0.44 0.00	29.27 0.24 0.00	29.10 0.00 0.00	32.47 -0.18 0.00	27.69 -0.19 0.00	29.10 -0.34 0.00	24.00 -0.58 0.00	21.79 -0.63 0.00	22.97 -0.86 0.00	41.18 -1.22 -2.45	33.14 -0.99 -1.66	38.01 -0.67 -2.27	49.50 -0.65 -2.95	34.06 -0.19 -0.21	62.77 0.30 -3.46	33.09 0.19 -0.64	41.42 0.22 -2.18	20.01 -0.02 -0.02
BLISS_WT_PWR 323608	22.19 0.26 0.03	20.24 0.34 0.01	18.44 0.19 0.02	18.34 0.10 0.01	19.71 0.22 0.04	21.16 0.44 0.19	42.70 1.40 0.47	30.39 1.45 0.10	30.62 1.59 0.07	33.98 1.42 0.08	28.96 1.12 0.06	30.29 0.86 0.00	25.15 0.56 0.00	22.90 0.48 0.00	24.51 0.68 0.00	20.46 1.71 21.18	18.93 0.90 14.44	19.03 1.11 18.50	23.44 1.82 25.58	34.08 1.34 1.29	40.58 3.16 21.58	29.53 1.28 4.00	27.28 1.86 13.59	20.55 0.73 0.19
BLUE_CIRC_CHEM_DRP 24182	22.74 0.78 0.00	20.54 0.64 0.00	18.90 0.63 0.00	18.89 0.65 0.00	20.27 0.73 0.00	21.65 0.75 0.00	43.21 1.44 0.00	30.10 1.06 0.00	30.11 1.00 0.00	33.76 1.11 0.00	28.82 0.93 0.00	30.38 0.94 0.00	25.40 0.82 0.00	23.18 0.77 0.00	24.66 0.82 0.00	43.05 1.39 -1.71	34.82 1.11 -1.23	42.12 1.37 -4.34	51.06 1.77 -2.09	35.52 1.35 -0.14	63.67 2.39 -2.28	33.82 1.14 -0.42	41.63 1.18 -1.43	20.72 0.69 -0.02
BOC_GAS_DRP 24189	22.70 0.74 0.00	20.55 0.64 0.00	18.90 0.63 0.00	18.89 0.64 0.00	20.23 0.70 0.00	21.60 0.69 0.00	43.11 1.34 0.00	30.06 1.03 0.00	30.10 1.00 0.00	33.77 1.13 0.00	28.84 0.95 0.00	30.40 0.96 0.00	25.43 0.85 0.00	23.20 0.78 0.00	24.68 0.85 0.00	43.00 1.38 -1.68	34.80 1.12 -1.20	42.10 1.36 -4.32	50.94 1.70 -2.04	35.47 1.30 -0.13	63.54 2.31 -2.23	33.80 1.13 -0.41	41.59 1.18 -1.40	20.71 0.68 -0.02
BOONVILLE_115KV_TB1 79983	22.31 0.35 0.00	20.28 0.37 0.00	18.60 0.33 0.00	18.58 0.33 0.00	19.92 0.38 0.00	21.30 0.40 0.00	42.76 1.00 0.00	29.78 0.74 0.00	29.83 0.72 0.00	33.36 0.72 0.00	28.47 0.58 0.00	29.95 0.51 0.00	24.92 0.34 0.00	22.74 0.33 0.00	24.10 0.27 0.00	42.02 0.43 -1.65	34.04 0.41 -1.15	38.50 0.47 -1.62	49.97 0.69 -2.08	34.78 0.60 -0.15	62.79 1.37 -2.41	33.42 0.71 -0.45	41.31 0.78 -1.52	20.35 0.32 -0.02
BORALEX_4TH_BRANCH 23824	23.19 1.23 0.00	21.04 1.14 0.00	19.33 1.06 0.00	19.33 1.09 0.00	20.77 1.23 0.00	22.03 1.12 0.00	43.85 2.08 0.00	30.52 1.49 0.00	30.50 1.40 0.00	34.26 1.62 0.00	29.30 1.41 0.00	30.86 1.43 0.00	25.83 1.25 0.00	23.61 1.20 0.00	25.16 1.33 0.00	42.15 2.21 0.00	34.19 1.71 0.00	41.05 1.94 -2.70	49.69 2.49 0.00	36.01 1.97 0.00	62.26 3.25 0.00	34.04 1.78 0.00	40.89 1.88 0.00	21.14 1.13 0.00
BOWLINE___1 23526	23.68 1.72 0.00	21.44 1.54 0.00	19.71 1.44 0.00	19.68 1.43 0.00	21.05 1.51 0.00	22.52 1.61 0.00	44.99 3.22 0.00	31.47 2.44 0.00	31.59 2.49 0.00	35.44 2.80 0.00	30.22 2.33 0.00	31.86 2.43 0.00	26.70 2.12 0.00	24.31 1.90 0.00	25.86 2.03 0.00	43.13 3.19 0.00	35.08 2.60 0.00	41.67 3.03 -2.22	50.99 3.79 0.00	36.89 2.85 0.00	64.10 5.09 0.00	34.98 2.73 0.00	42.01 2.99 0.00	21.59 1.58 0.00
BOWLINE___2 23595	23.68 1.72 0.00	21.44 1.54 0.00	19.71 1.44 0.00	19.68 1.43 0.00	21.05 1.51 0.00	22.52 1.61 0.00	44.99 3.22 0.00	31.47 2.44 0.00	31.59 2.49 0.00	35.45 2.81 0.00	30.22 2.33 0.00	31.86 2.43 0.00	26.70 2.12 0.00	24.31 1.90 0.00	25.86 2.03 0.00	43.13 3.19 0.00	35.08 2.60 0.00	41.67 3.03 -2.22	50.99 3.79 0.00	36.89 2.85 0.00	64.10 5.09 0.00	34.99 2.74 0.00	42.01 3.00 0.00	21.59 1.58 0.00
BRADY___115KV_TB2 356060	21.80 -0.16 0.00	19.79 -0.11 0.00	18.17 -0.10 0.00	18.13 -0.11 0.00	19.42 -0.12 0.00	20.76 -0.14 0.00	41.54 -0.23 0.00	28.72 -0.31 0.00	28.75 -0.35 0.00	32.25 -0.40 0.00	27.58 -0.31 0.00	29.14 -0.29 0.00	24.30 -0.28 0.00	22.11 -0.30 0.00	23.51 -0.33 0.00	39.84 -0.58 -0.48	32.46 -0.35 -0.33	36.39 -0.48 -0.46	47.22 -0.57 -0.59	33.66 -0.42 -0.04	58.34 -1.36 -0.69	32.01 -0.38 -0.13	39.09 -0.35 -0.43	19.77 -0.25 0.00
BRANSCOMB___SOLAR 323811	23.11 1.15 0.00	20.88 0.97 0.00	19.16 0.89 0.00	19.15 0.91 0.00	20.58 1.04 0.00	22.02 1.12 0.00	44.01 2.25 0.00	30.67 1.64 0.00	30.72 1.62 0.00	34.42 1.77 0.00	29.37 1.48 0.00	30.94 1.50 0.00	25.90 1.32 0.00	23.63 1.22 0.00	25.11 1.27 0.00	42.12 2.18 0.00	34.16 1.68 0.00	41.35 2.16 -2.77	50.07 2.86 0.00	36.25 2.21 0.00	62.88 3.88 0.00	34.20 1.95 0.00	41.07 2.05 0.00	21.14 1.13 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	24.39 2.43 0.00	22.16 2.26 0.00	20.28 2.01 0.00	20.23 1.98 0.00	21.69 2.16 0.00	23.28 2.38 0.00	46.09 4.32 0.00	32.41 3.38 0.00	59.95 3.70 -27.15	36.40 3.75 0.00	32.97 3.25 -1.83	38.33 3.45 -5.44	27.56 2.89 -0.08	24.83 2.42 0.00	26.50 2.67 0.00	47.12 4.51 -2.67	37.48 3.45 -1.56	44.80 4.00 -4.39	54.90 5.06 -2.64	38.26 4.04 -0.18	69.59 6.91 -3.67	36.44 3.65 -0.53	45.10 4.28 -1.81	22.28 2.24 -0.03
BRISTLHL_115KV_TB1 79998	21.67 -0.30 0.00	19.64 -0.26 0.00	18.02 -0.25 0.00	17.99 -0.25 0.00	19.28 -0.26 0.00	20.66 -0.24 0.00	41.37 -0.40 0.00	28.83 -0.20 0.00	28.89 -0.22 0.00	32.36 -0.28 0.00	27.63 -0.26 0.00	29.13 -0.31 0.00	24.30 -0.29 0.00	22.17 -0.24 0.00	23.54 -0.29 0.00	43.25 -0.40 -3.70	34.58 -0.37 -2.48	39.49 -0.34 -3.41	51.24 -0.41 -4.45	34.08 -0.27 -0.31	63.95 -0.30 -5.24	32.95 -0.28 -0.97	41.93 -0.38 -3.30	19.81 -0.23 -0.03
BROOKHAVEN___DRP 24191	24.17 2.20 0.00	22.03 2.12 0.00	20.16 1.89 0.00	20.11 1.86 0.00	21.57 2.03 0.00	23.12 2.22 0.00	45.80 4.03 0.00	32.20 3.17 0.00	59.65 3.40 -27.15	35.86 3.21 0.00	32.50 2.78 -1.83	37.81 2.93 -5.44	27.11 2.45 -0.08	24.37 1.96 0.00	26.04 2.21 0.00	46.37 3.76 -2.67	36.93 2.89 -1.56	44.12 3.31 -4.39	54.02 4.18 -2.64	37.66 3.45 -0.18	68.58 5.90 -3.67	35.99 3.20 -0.53	44.46 3.64 -1.81	22.00 1.97 -0.03
BROOKLYN_NAVY_YARD 23515	23.76 1.79 0.00	21.51 1.61 0.00	19.81 1.54 0.00	19.76 1.52 0.00	21.13 1.59 0.00	22.60 1.69 0.00	45.09 3.33 0.00	31.64 2.60 0.00	31.79 2.69 0.00	35.64 3.00 0.00	30.39 2.50 0.00	32.05 2.62 0.00	26.89 2.30 0.00	24.49 2.07 0.00	26.04 2.20 0.00	43.36 3.41 0.00	35.24 2.76 0.00	41.91 3.23 -2.26	51.21 4.01 0.00	37.03 2.99 0.00	64.34 5.33 0.00	35.11 2.85 0.00	42.18 3.17 0.00	21.71 1.70 0.00
BROOKLYN___ARMY_DRP 323595	23.91 1.95 0.00	21.68 1.77 0.00	19.94 1.68 0.00	19.90 1.66 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.62 2.73 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	45.83 3.71 -2.17	37.06 3.02 -1.56	44.30 3.50 -4.39	54.14 4.30 -2.64	37.45 3.25 -0.17	67.58 5.70 -2.87	35.90 3.11 -0.53	44.25 3.43 -1.81	21.88 1.84 -0.03

BROOKVLE_69_KV_TB1 55790	24.11 2.14 0.00	21.87 1.96 0.00	20.06 1.79 0.00	20.02 1.77 0.00	21.44 1.90 0.00	22.98 2.08 0.00	45.77 4.00 0.00	32.14 3.11 0.00	59.52 3.26 -27.15	36.17 3.52 0.00	32.77 3.05 -1.83	38.05 3.18 -5.44	27.43 2.77 -0.08	24.80 2.39 0.00	26.43 2.59 0.00	46.82 4.21 -2.67	37.34 3.30 -1.56	44.60 3.79 -4.39	54.51 4.67 -2.64	37.85 3.64 -0.18	69.00 6.32 -3.67	36.22 3.43 -0.53	44.67 3.85 -1.81	22.05 2.01 -0.03
BROOME_2_LFGE 323671	22.56 0.60 0.00	20.43 0.53 0.00	18.74 0.47 0.00	18.73 0.48 0.00	20.06 0.53 0.00	21.53 0.62 0.00	43.23 1.35 -0.12	30.13 1.10 0.00	30.23 1.12 0.00	33.85 1.21 0.00	28.88 1.00 0.00	30.36 0.92 0.00	25.34 0.76 0.00	23.11 0.70 0.00	24.62 0.78 0.00	49.87 1.47 -8.46	39.25 1.01 -5.76	45.99 1.24 -8.34	58.96 1.55 -10.20	35.91 1.21 -0.66	72.43 2.39 -11.03	35.45 1.15 -2.05	47.33 1.37 -6.95	20.76 0.65 -0.10
BROOME___LFGE 323600	22.56 0.60 0.00	20.43 0.53 0.00	18.74 0.47 0.00	18.73 0.48 0.00	20.06 0.53 0.00	21.53 0.62 0.00	43.23 1.35 -0.12	30.13 1.10 0.00	30.23 1.12 0.00	33.85 1.21 0.00	28.88 1.00 0.00	30.36 0.92 0.00	25.34 0.76 0.00	23.11 0.70 0.00	24.62 0.78 0.00	49.87 1.47 -8.46	39.25 1.01 -5.76	45.99 1.24 -8.34	58.96 1.55 -10.20	35.91 1.21 -0.66	72.43 2.39 -11.03	35.45 1.15 -2.05	47.33 1.37 -6.95	20.76 0.65 -0.10
BROWNFLS_115KV_TB_3_5 80003	21.37 -0.59 0.00	19.38 -0.53 0.00	17.77 -0.49 0.00	17.75 -0.50 0.00	19.04 -0.50 0.00	20.41 -0.49 0.00	40.95 -0.82 0.00	28.33 -0.70 0.00	28.27 -0.84 0.00	31.60 -1.04 0.00	27.01 -0.88 0.00	28.48 -0.96 0.00	23.64 -0.94 0.00	21.50 -0.92 0.00	22.74 -1.10 0.00	39.42 -1.82 -1.30	32.00 -1.36 -0.89	36.29 -1.34 -1.22	47.16 -1.62 -1.57	33.08 -1.07 -0.11	58.89 -1.96 -1.84	31.78 -0.82 -0.34	39.22 -0.96 -1.16	19.43 -0.59 -0.01
BROWNSV1_27_KV_LOAD 356125	23.99 2.03 0.00	21.73 1.82 0.00	19.98 1.72 0.00	19.94 1.69 0.00	21.32 1.79 0.00	22.81 1.91 0.00	45.58 3.81 0.00	31.98 2.95 0.00	32.16 3.06 0.00	36.06 3.41 0.00	30.76 2.87 0.00	32.46 3.02 0.00	27.22 2.64 0.00	24.76 2.35 0.00	26.32 2.49 0.00	46.05 3.94 -2.17	37.23 3.19 -1.56	44.49 3.69 -4.39	54.46 4.62 -2.64	37.65 3.44 -0.17	67.97 6.10 -2.87	36.04 3.26 -0.53	44.44 3.62 -1.81	21.95 1.92 -0.03
BURROWS___LYONSDAL 23803	22.21 0.24 0.00	20.18 0.27 0.00	18.51 0.24 0.00	18.48 0.24 0.00	19.82 0.28 0.00	21.21 0.31 0.00	42.59 0.82 0.00	29.61 0.58 0.00	29.61 0.50 0.00	33.08 0.44 0.00	28.24 0.35 0.00	29.70 0.27 0.00	24.68 0.10 0.00	22.50 0.09 0.00	23.81 -0.03 0.00	41.57 -0.06 -1.69	33.69 0.04 -1.18	38.23 0.18 -1.64	49.66 0.35 -2.11	34.55 0.37 -0.15	62.47 1.01 -2.45	33.25 0.55 -0.45	41.16 0.60 -1.54	20.25 0.22 -0.02
CAITHNESS_CC_1 323624	24.18 2.21 0.00	22.02 2.12 0.00	20.15 1.88 0.00	20.10 1.85 0.00	21.55 2.02 0.00	23.12 2.22 0.00	45.79 4.02 0.00	32.19 3.16 0.00	59.63 3.37 -27.15	35.90 3.25 0.00	32.54 2.82 -1.83	37.85 2.97 -5.44	27.15 2.48 -0.08	24.42 2.00 0.00	26.09 2.25 0.00	44.23 3.79 -0.50	35.40 2.93 0.00	42.03 3.35 -2.26	51.42 4.22 0.00	37.50 3.46 0.00	65.74 5.93 -0.80	35.48 3.22 0.00	42.69 3.67 0.00	22.01 2.00 0.00
CALPINE BETH_PAGE_GT4 24209	24.15 2.19 0.00	21.94 2.04 0.00	20.10 1.83 0.00	20.05 1.80 0.00	21.49 1.95 0.00	23.03 2.13 0.00	45.80 4.03 0.00	32.18 3.15 0.00	59.61 3.36 -27.15	36.16 3.51 0.00	32.77 3.05 -1.83	38.10 3.22 -5.44	27.40 2.73 -0.08	24.73 2.32 0.00	26.37 2.53 0.00	46.79 4.18 -2.67	37.15 3.12 -1.56	44.40 3.60 -4.39	54.30 4.46 -2.64	37.78 3.57 -0.18	68.85 6.17 -3.67	36.15 3.36 -0.53	44.74 3.92 -1.81	22.08 2.05 -0.03
CALPINE_BETH_PAGE_GT_4 323586	24.15 2.19 0.00	21.94 2.04 0.00	20.10 1.83 0.00	20.05 1.80 0.00	21.49 1.95 0.00	23.03 2.13 0.00	45.80 4.03 0.00	32.18 3.15 0.00	59.61 3.35 -27.15	36.16 3.51 0.00	32.78 3.06 -1.83	38.10 3.22 -5.44	27.40 2.74 -0.08	24.73 2.32 0.00	26.37 2.53 0.00	44.58 4.13 -0.50	35.58 3.11 0.00	42.27 3.60 -2.26	51.67 4.47 0.00	37.61 3.56 0.00	65.99 6.18 -0.80	35.61 3.36 0.00	42.93 3.92 0.00	22.05 2.04 0.00
CALPINE_BP_GT1 23823	24.15 2.19 0.00	21.94 2.04 0.00	20.10 1.83 0.00	20.05 1.80 0.00	21.49 1.95 0.00	23.03 2.13 0.00	45.80 4.03 0.00	32.18 3.15 0.00	59.61 3.35 -27.15	36.16 3.51 0.00	32.78 3.06 -1.83	38.10 3.22 -5.44	27.40 2.74 -0.08	24.73 2.32 0.00	26.37 2.53 0.00	44.58 4.13 -0.50	35.58 3.11 0.00	42.27 3.60 -2.26	51.67 4.47 0.00	37.61 3.56 0.00	65.99 6.18 -0.80	35.61 3.36 0.00	42.93 3.92 0.00	22.05 2.04 0.00
CALSPAN___DRP 24200	21.51 -0.42 0.04	19.62 -0.28 0.00	17.90 -0.37 0.00	17.84 -0.40 0.00	19.20 -0.33 0.00	20.74 -0.16 0.00	41.72 0.05 0.09	29.41 0.37 0.00	29.54 0.44 0.00	32.89 0.25 0.00	28.06 0.17 0.00	29.25 -0.18 0.00	24.30 -0.28 0.00	22.12 -0.29 0.00	23.66 -0.18 0.00	15.16 0.51 25.29	14.91 0.02 17.58	12.91 0.08 23.59	17.28 0.44 30.37	32.23 0.05 1.85	28.93 0.90 30.98	26.53 0.03 5.75	19.86 0.35 19.51	19.61 -0.07 0.34
CALVERTON___SOLAR 323806	24.19 2.23 0.00	22.06 2.16 0.00	20.19 1.92 0.00	20.14 1.89 0.00	21.60 2.06 0.00	23.16 2.26 0.00	45.86 4.10 0.00	32.27 3.23 0.00	59.71 3.45 -27.15	35.88 3.23 0.00	32.53 2.81 -1.83	37.82 2.94 -5.44	27.11 2.44 -0.08	24.36 1.95 0.00	26.04 2.20 0.00	44.17 3.73 -0.50	35.38 2.90 0.00	41.99 3.32 -2.26	51.42 4.21 0.00	37.52 3.48 0.00	65.78 5.97 -0.80	35.49 3.24 0.00	42.68 3.66 0.00	21.99 1.98 0.00
CANDIGU_WT_PWR 323617	22.31 0.36 0.01	20.28 0.35 -0.02	18.55 0.24 -0.04	18.48 0.22 -0.01	19.89 0.27 -0.08	21.66 0.40 -0.35	39.78 1.02 3.00	30.31 1.09 -0.18	30.40 1.15 -0.14	33.89 1.10 -0.15	28.88 0.89 -0.10	30.06 0.62 0.00	25.02 0.43 0.00	22.82 0.41 0.00	24.39 0.56 0.00	49.77 1.50 -8.33	38.98 0.82 -5.68	45.47 1.04 -8.00	58.73 1.47 -10.06	35.83 1.05 -0.74	73.76 2.38 -12.38	35.59 1.04 -2.30	48.22 1.41 -7.79	20.86 0.60 -0.25
CARR STREET_E_SYR 24060	21.88 -0.08 0.00	19.84 -0.07 0.00	18.20 -0.07 0.00	18.18 -0.07 0.00	19.48 -0.06 0.00	20.87 -0.03 0.00	41.79 0.02 0.00	29.15 0.12 0.00	29.20 0.09 0.00	32.76 0.11 0.00	27.96 0.08 0.00	29.45 0.01 0.00	24.57 -0.01 0.00	22.40 0.00 0.00	23.84 0.01 0.00	40.04 0.09 0.00	32.49 0.01 0.00	36.72 0.07 -0.24	47.30 0.10 0.00	34.13 0.10 0.00	59.37 0.36 0.00	32.33 0.08 0.00	39.06 0.05 0.00	20.00 -0.01 0.00
CARTHAGE___PAPER 23857	21.93 -0.03 0.00	19.93 0.03 0.00	18.28 0.01 0.00	18.25 0.00 0.00	19.59 0.05 0.00	21.02 0.12 0.00	42.26 0.49 0.00	29.26 0.23 0.00	29.06 -0.04 0.00	32.45 -0.19 0.00	27.69 -0.19 0.00	29.11 -0.33 0.00	24.02 -0.56 0.00	21.83 -0.58 0.00	23.00 -0.83 0.00	38.69 -1.26 0.00	31.50 -0.98 0.00	35.91 -0.63 -0.12	46.63 -0.57 0.00	33.87 -0.17 0.00	59.20 0.20 0.00	32.44 0.19 0.00	39.23 0.22 0.00	20.00 -0.01 0.00

CASSADAGA_WT_PWR 323784	22.09 0.16 0.03	20.13 0.23 0.01	18.49 0.24 0.02	18.43 0.19 0.01	19.94 0.44 0.04	21.44 0.73 0.19	43.25 2.04 0.55	30.75 1.82 0.10	31.03 2.00 0.07	34.49 1.93 0.08	29.42 1.59 0.06	30.41 0.97 0.00	25.19 0.61 0.00	22.90 0.48 0.00	24.76 0.93 0.00	20.42 2.26 21.78	19.02 1.39 14.85	19.05 1.66 19.03	23.43 2.53 26.30	34.28 1.69 1.45	38.67 3.94 24.27	29.39 1.64 4.50	26.03 2.30 15.28	20.66 0.88 0.23
CE_DUNWOOD___DRP 24194	23.73 1.77 0.00	21.49 1.59 0.00	19.77 1.50 0.00	19.73 1.48 0.00	21.11 1.57 0.00	22.58 1.67 0.00	45.09 3.31 0.00	31.58 2.55 0.00	31.71 2.61 0.00	35.57 2.92 0.00	30.34 2.45 0.00	32.00 2.56 0.00	26.81 2.23 0.00	24.41 2.00 0.00	25.96 2.13 0.00	45.48 3.36 -2.17	36.76 2.72 -1.56	43.99 3.18 -4.39	53.82 3.98 -2.64	37.20 2.99 -0.17	67.19 5.31 -2.87	35.62 2.83 -0.53	43.94 3.12 -1.81	21.69 1.66 -0.03
CE_MILLWOOD___DRP 24193	23.70 1.74 0.00	21.46 1.56 0.00	19.73 1.46 0.00	19.70 1.46 0.00	21.08 1.54 0.00	22.54 1.64 0.00	45.03 3.26 0.00	31.53 2.50 0.00	31.66 2.55 0.00	35.50 2.86 0.00	30.28 2.39 0.00	31.93 2.50 0.00	26.76 2.17 0.00	24.36 1.95 0.00	25.92 2.08 0.00	45.40 3.28 -2.18	36.71 2.67 -1.57	43.92 3.12 -4.39	53.74 3.89 -2.65	37.14 2.93 -0.17	67.10 5.21 -2.88	35.58 2.78 -0.53	43.88 3.05 -1.82	21.66 1.63 -0.03
CE_NYC2_DRP 24202	23.84 1.87 0.00	21.60 1.70 0.00	19.89 1.62 0.00	19.84 1.60 0.00	21.20 1.66 0.00	22.66 1.75 0.00	45.28 3.51 0.00	31.76 2.73 0.00	31.93 2.82 0.00	35.78 3.13 0.00	30.53 2.64 0.00	32.21 2.77 0.00	27.00 2.42 0.00	24.58 2.17 0.00	26.14 2.31 0.00	45.73 3.61 -2.17	36.96 2.92 -1.56	44.20 3.39 -4.39	54.03 4.19 -2.64	37.35 3.14 -0.17	67.44 5.56 -2.87	35.76 2.97 -0.53	44.10 3.28 -1.81	21.78 1.75 -0.03
CE_NYC_DRP 24195	23.83 1.87 0.00	21.58 1.68 0.00	19.86 1.59 0.00	19.82 1.57 0.00	21.19 1.65 0.00	22.66 1.76 0.00	45.25 3.48 0.00	31.72 2.69 0.00	31.89 2.79 0.00	35.77 3.12 0.00	30.51 2.62 0.00	32.19 2.75 0.00	27.00 2.42 0.00	24.56 2.15 0.00	26.13 2.29 0.00	45.70 3.59 -2.17	36.94 2.90 -1.56	44.18 3.38 -4.39	54.05 4.21 -2.64	37.35 3.14 -0.17	67.43 5.55 -2.87	35.75 2.96 -0.53	44.10 3.28 -1.81	21.79 1.76 -0.03
CHAFFEE___LFGE 323603	21.75 -0.18 0.04	19.82 -0.07 0.01	18.06 -0.19 0.02	18.00 -0.23 0.01	19.35 -0.15 0.04	20.75 0.05 0.20	41.69 0.55 0.62	29.68 0.76 0.11	29.89 0.87 0.08	33.22 0.67 0.09	28.33 0.50 0.06	29.64 0.20 0.00	24.62 0.04 0.00	22.41 0.00 0.00	23.97 0.14 0.00	17.75 1.01 23.20	17.06 0.40 15.82	16.60 0.49 20.30	20.14 0.95 28.02	32.91 0.44 1.57	34.41 1.59 26.18	27.79 0.40 4.86	23.33 0.80 16.49	19.90 0.16 0.27
CHATEAUG_35_KV_LOAD 355732	21.94 -0.02 0.00	19.87 -0.03 0.00	18.31 0.04 0.00	18.30 0.05 0.00	19.62 0.08 0.00	21.08 0.18 0.00	42.23 0.46 0.00	29.45 0.41 0.00	29.47 0.36 0.00	32.94 0.30 0.00	28.23 0.34 0.00	29.88 0.45 0.00	24.88 0.30 0.00	22.62 0.20 0.00	24.11 0.27 0.00	40.73 0.45 -0.34	33.30 0.59 -0.24	37.25 0.50 -0.33	48.24 0.61 -0.43	34.64 0.57 -0.03	60.20 0.69 -0.50	32.85 0.50 -0.09	40.09 0.76 -0.32	20.25 0.23 0.00
CHATEAUG_WT_PWR 323614	22.03 0.07 0.00	19.92 0.02 0.00	18.35 0.08 0.00	18.35 0.10 0.00	19.69 0.15 0.00	21.18 0.27 0.00	42.40 0.64 0.00	29.60 0.57 0.00	29.61 0.51 0.00	33.09 0.45 0.00	28.36 0.47 0.00	30.02 0.58 0.00	25.00 0.42 0.00	22.72 0.31 0.00	24.24 0.40 0.00	40.59 0.65 0.00	33.22 0.74 0.00	37.12 0.70 0.00	48.01 0.81 0.00	34.78 0.75 0.00	60.01 1.00 0.00	32.88 0.63 0.00	39.97 0.96 0.00	20.35 0.34 0.00
CHAT_HIGH_FALL_HYD 323578	21.94 -0.02 0.00	19.87 -0.03 0.00	18.31 0.04 0.00	18.30 0.05 0.00	19.62 0.08 0.00	21.08 0.18 0.00	42.22 0.46 0.00	29.45 0.41 0.00	29.47 0.36 0.00	32.94 0.30 0.00	28.23 0.34 0.00	29.88 0.45 0.00	24.88 0.30 0.00	22.62 0.20 0.00	24.11 0.27 0.00	40.38 0.44 0.00	33.06 0.59 0.00	36.91 0.50 0.00	47.81 0.61 0.00	34.61 0.57 0.00	59.70 0.69 0.00	32.76 0.50 0.00	39.77 0.76 0.00	20.24 0.23 0.00
CHAUTAUQUA___LFGE 323629	21.95 0.02 0.04	20.00 0.11 0.01	18.30 0.05 0.02	18.25 0.01 0.01	19.69 0.19 0.04	21.15 0.45 0.20	42.49 1.40 0.68	30.24 1.31 0.11	30.49 1.46 0.08	33.90 1.34 0.09	28.92 1.09 0.06	30.06 0.62 0.00	24.93 0.35 0.00	22.67 0.25 0.00	24.38 0.55 0.00	18.37 1.74 23.32	17.57 0.99 15.89	17.18 1.17 20.40	20.91 1.86 28.15	33.53 1.14 1.65	34.44 2.98 27.56	28.26 1.11 5.11	23.34 1.68 17.35	20.30 0.57 0.28
CHERRYST_13_KV_LD 356241	23.88 1.92 0.00	21.64 1.73 0.00	19.91 1.64 0.00	19.87 1.62 0.00	21.24 1.70 0.00	22.72 1.81 0.00	45.37 3.60 0.00	31.82 2.79 0.00	32.00 2.90 0.00	35.89 3.25 0.00	30.61 2.73 0.00	32.31 2.87 0.00	27.08 2.50 0.00	24.65 2.24 0.00	26.22 2.38 0.00	45.85 3.74 -2.17	37.06 3.02 -1.56	44.31 3.50 -4.39	54.21 4.36 -2.64	37.45 3.24 -0.17	67.62 5.75 -2.87	35.85 3.06 -0.53	44.20 3.38 -1.81	21.85 1.82 -0.03
CHESTROR_138KV_BK263 355645	23.58 1.62 0.00	21.33 1.43 0.00	19.60 1.34 0.00	19.57 1.33 0.00	20.95 1.41 0.00	22.42 1.52 0.00	44.78 3.00 0.00	31.31 2.28 0.00	31.42 2.32 0.00	35.26 2.61 0.00	30.06 2.17 0.00	31.68 2.24 0.00	26.53 1.95 0.00	24.15 1.74 0.00	25.68 1.85 0.00	45.17 2.94 -2.28	36.56 2.44 -1.64	43.67 2.85 -4.41	53.58 3.60 -2.78	36.93 2.71 -0.18	66.89 4.87 -3.02	35.46 2.65 -0.56	43.85 2.94 -1.90	21.59 1.55 -0.03
CH_MIDHUDSON___DRP 24192	23.71 1.75 0.00	21.47 1.57 0.00	19.73 1.46 0.00	19.71 1.46 0.00	21.09 1.55 0.00	22.55 1.65 0.00	45.08 3.30 0.00	31.58 2.55 0.00	31.69 2.59 0.00	35.54 2.89 0.00	30.32 2.43 0.00	31.95 2.52 0.00	26.75 2.17 0.00	24.36 1.95 0.00	25.91 2.07 0.00	45.38 3.30 -2.14	36.70 2.68 -1.54	43.97 3.17 -4.38	53.82 4.02 -2.60	37.26 3.05 -0.17	67.26 5.42 -2.84	35.65 2.87 -0.53	43.93 3.13 -1.79	21.71 1.67 -0.03
CH_MISC_IPPS 23765	23.88 1.92 0.00	21.62 1.72 0.00	19.87 1.60 0.00	19.84 1.60 0.00	21.23 1.69 0.00	22.72 1.82 0.00	45.44 3.68 0.00	31.84 2.81 0.00	31.96 2.85 0.00	35.85 3.20 0.00	30.57 2.68 0.00	32.21 2.77 0.00	26.94 2.36 0.00	24.54 2.12 0.00	26.08 2.25 0.00	43.55 3.61 0.00	35.43 2.95 0.00	42.14 3.47 -2.26	51.63 4.43 0.00	37.39 3.36 0.00	65.01 6.00 0.00	35.45 3.19 0.00	42.54 3.52 0.00	21.85 1.84 0.00
CH_RES_BVR_FALLS 23983	21.84 -0.12 0.00	19.80 -0.10 0.00	18.18 -0.09 0.00	18.16 -0.09 0.00	19.43 -0.11 0.00	20.78 -0.13 0.00	41.51 -0.26 0.00	28.78 -0.25 0.00	28.85 -0.25 0.00	32.36 -0.29 0.00	27.67 -0.22 0.00	29.24 -0.20 0.00	24.41 -0.17 0.00	22.24 -0.18 0.00	23.62 -0.22 0.00	39.47 -0.47 0.00	32.15 -0.32 0.00	36.02 -0.40 0.00	46.67 -0.53 0.00	33.60 -0.44 0.00	58.15 -0.86 0.00	31.96 -0.30 0.00	38.70 -0.32 0.00	19.84 -0.17 0.00

CH_RES_NIAGARA 23895	20.61 -1.32 0.04	18.78 -1.11 0.02	17.12 -1.12 0.03	17.09 -1.15 0.01	18.31 -1.16 0.06	19.57 -1.05 0.28	39.25 -1.85 0.67	27.74 -1.14 0.15	27.87 -1.12 0.11	30.97 -1.55 0.12	26.47 -1.33 0.08	27.75 -1.69 0.00	23.07 -1.52 0.00	20.99 -1.42 0.00	22.42 -1.42 0.00	8.33 -1.49 30.12	10.51 -1.56 20.41	8.34 -1.73 26.34	9.23 -1.82 36.15	30.13 -1.54 2.37	17.39 -2.05 39.57	23.32 -1.60 7.34	12.57 -1.52 24.92	18.61 -1.04 0.36
CH_RES_SYRACUSE 23985	21.98 0.02 0.00	19.92 0.01 0.00	18.28 0.00 0.00	18.24 -0.01 0.00	19.54 0.00 0.00	20.98 0.07 0.00	41.99 0.22 0.00	29.30 0.27 0.00	29.36 0.25 0.00	32.91 0.27 0.00	28.07 0.18 0.00	29.55 0.11 0.00	24.68 0.10 0.00	22.49 0.08 0.00	23.93 0.09 0.00	54.67 0.29 -14.44	42.53 0.21 -9.85	49.86 0.28 -13.16	65.05 0.41 -17.43	35.58 0.33 -1.22	80.09 0.78 -20.31	36.33 0.30 -3.77	52.10 0.30 -12.79	20.25 0.11 -0.13
CLINTON_WT_PWR 323605	22.03 0.07 0.00	19.92 0.02 0.00	18.35 0.08 0.00	18.35 0.10 0.00	19.69 0.15 0.00	21.18 0.27 0.00	42.40 0.64 0.00	29.60 0.57 0.00	29.61 0.51 0.00	33.09 0.45 0.00	28.36 0.47 0.00	30.02 0.58 0.00	25.00 0.42 0.00	22.72 0.31 0.00	24.24 0.40 0.00	40.59 0.65 0.00	33.22 0.74 0.00	37.12 0.70 0.00	48.01 0.81 0.00	34.78 0.75 0.00	60.01 1.00 0.00	32.88 0.63 0.00	39.97 0.96 0.00	20.35 0.34 0.00
CLINTON___LFGE 323618	22.43 0.46 0.00	20.24 0.34 0.00	18.63 0.36 0.00	18.64 0.39 0.00	20.02 0.48 0.00	21.57 0.67 0.00	43.25 1.48 0.00	30.27 1.24 0.00	30.24 1.13 0.00	33.73 1.09 0.00	28.88 1.00 0.00	30.57 1.14 0.00	25.47 0.88 0.00	23.13 0.73 0.00	24.72 0.88 0.00	41.38 1.43 0.00	33.87 1.39 0.00	37.87 1.45 0.00	48.94 1.74 0.00	35.55 1.51 0.00	61.33 2.32 0.00	33.54 1.28 0.00	40.81 1.80 0.00	20.75 0.74 0.00
COBBLENY_34_KV_TB1 80064	21.75 -0.18 0.04	19.83 -0.07 0.00	18.08 -0.18 0.00	18.01 -0.23 0.00	19.39 -0.15 0.00	20.95 0.05 0.00	42.24 0.55 0.08	29.80 0.77 0.00	29.94 0.84 0.00	33.31 0.66 0.00	28.41 0.52 0.00	29.64 0.20 0.00	24.62 0.04 0.00	22.42 0.01 0.00	23.97 0.13 0.00	17.65 0.93 23.22	16.54 0.33 16.27	15.06 0.43 21.79	20.09 0.91 28.02	32.91 0.44 1.57	34.36 1.54 26.18	27.79 0.39 4.86	23.28 0.76 16.49	19.90 0.16 0.27
COFFEEN___115KV_TB3 355620	21.93 -0.03 0.00	19.97 0.06 0.00	18.31 0.04 0.00	18.28 0.04 0.00	19.63 0.09 0.00	21.09 0.18 0.00	42.44 0.67 0.00	29.44 0.41 0.00	29.23 0.13 0.00	32.61 -0.03 0.00	27.79 -0.10 0.00	29.20 -0.24 0.00	24.04 -0.54 0.00	21.80 -0.61 0.00	23.01 -0.82 0.00	41.34 -1.09 -2.49	33.24 -0.92 -1.68	38.22 -0.51 -2.31	49.79 -0.41 -3.00	34.26 0.02 -0.21	63.23 0.71 -3.52	33.30 0.39 -0.65	41.67 0.44 -2.22	20.11 0.08 -0.02
COLDSPRG_115KV_BK1 355956	22.48 0.55 0.03	20.50 0.59 0.00	18.75 0.48 0.00	18.68 0.44 0.00	20.18 0.65 0.00	21.83 0.93 0.00	44.19 2.47 0.05	31.19 2.16 0.00	31.39 2.28 0.00	34.90 2.26 0.00	29.77 1.88 0.00	30.68 1.24 0.00	25.41 0.83 0.00	23.12 0.71 0.00	25.02 1.18 0.00	23.31 2.50 19.13	20.27 1.47 13.68	20.04 1.85 18.23	26.64 2.81 23.37	35.02 2.12 1.14	44.53 4.60 19.08	30.78 2.07 3.54	29.77 2.77 12.01	21.05 1.19 0.15
COLONIE_LFGE___ 323577	22.93 0.97 0.00	20.74 0.84 0.00	19.07 0.79 0.00	19.06 0.81 0.00	20.46 0.92 0.00	21.82 0.91 0.00	43.53 1.76 0.00	30.34 1.30 0.00	30.35 1.25 0.00	34.05 1.40 0.00	29.07 1.19 0.00	30.64 1.21 0.00	25.65 1.06 0.00	23.41 1.00 0.00	24.90 1.07 0.00	41.72 1.78 0.00	33.91 1.43 0.00	40.90 1.75 -2.73	49.45 2.24 0.00	35.78 1.74 0.00	61.99 2.98 0.00	33.76 1.51 0.00	40.56 1.55 0.00	20.91 0.91 0.00
COOPERNY_115KV_TB1 80082	23.36 1.40 0.00	21.15 1.25 0.00	19.44 1.17 0.00	19.40 1.16 0.00	20.77 1.23 0.00	22.23 1.32 0.00	44.41 2.64 0.00	31.04 2.01 0.00	31.14 2.04 0.00	34.94 2.29 0.00	29.79 1.90 0.00	31.39 1.96 0.00	26.28 1.69 0.00	23.93 1.52 0.00	25.45 1.62 0.00	45.06 2.57 -2.55	36.45 2.15 -1.83	43.41 2.54 -4.45	53.48 3.19 -3.09	36.64 2.41 -0.20	66.71 4.34 -3.36	35.25 2.37 -0.62	43.80 2.67 -2.12	21.43 1.40 -0.03
COPENHAGEN_WT_PWR 323753	21.84 -0.12 0.00	19.85 -0.05 0.00	18.21 -0.05 0.00	18.18 -0.07 0.00	19.50 -0.03 0.00	20.95 0.05 0.00	42.09 0.32 0.00	29.22 0.19 0.00	29.07 -0.04 0.00	32.46 -0.19 0.00	27.68 -0.21 0.00	29.09 -0.34 0.00	24.03 -0.56 0.00	21.80 -0.62 0.00	22.95 -0.88 0.00	38.70 -1.25 0.00	31.44 -1.04 0.00	35.77 -0.79 0.00	46.36 -0.84 0.00	33.72 -0.32 0.00	59.14 0.13 0.00	32.37 0.12 0.00	39.15 0.14 0.00	19.96 -0.05 0.00
CORNELL___ 23752	22.66 0.69 0.00	20.54 0.63 0.00	18.83 0.57 0.00	18.81 0.57 0.00	20.17 0.63 0.00	21.65 0.74 0.00	43.46 1.66 -0.03	30.38 1.34 0.00	30.43 1.33 0.00	34.05 1.40 0.00	29.01 1.12 0.00	30.47 1.03 0.00	25.40 0.82 0.00	23.18 0.77 0.00	24.64 0.80 0.00	64.88 1.38 -23.56	49.23 1.11 -15.64	59.44 1.37 -21.66	77.07 1.81 -28.06	37.39 1.43 -1.93	94.09 2.82 -32.27	39.62 1.37 -5.99	60.93 1.60 -20.32	20.98 0.73 -0.24
CORONAAV_69_KV_TB1 355595	24.11 2.15 0.00	21.94 2.03 0.00	20.11 1.84 0.00	20.06 1.81 0.00	21.49 1.96 0.00	22.99 2.09 0.00	45.76 3.99 0.00	32.13 3.10 0.00	59.52 3.26 -27.15	36.12 3.48 0.00	32.76 3.04 -1.83	38.13 3.25 -5.44	27.42 2.75 -0.08	24.77 2.36 0.00	26.41 2.57 0.00	46.79 4.18 -2.67	37.19 3.15 -1.56	44.51 3.70 -4.39	54.45 4.61 -2.64	37.83 3.62 -0.18	68.92 6.24 -3.67	36.25 3.46 -0.53	44.68 3.86 -1.81	22.06 2.03 -0.03
CORTLAND_115KV_TB3 80093	22.49 0.53 0.00	20.39 0.48 0.00	18.70 0.43 0.00	18.68 0.44 0.00	20.02 0.49 0.00	21.47 0.56 0.00	43.05 1.27 -0.01	30.06 1.03 0.00	30.13 1.03 0.00	33.74 1.09 0.00	28.77 0.88 0.00	30.23 0.80 0.00	25.23 0.64 0.00	23.01 0.59 0.00	24.44 0.61 0.00	51.76 1.11 -10.71	40.54 0.85 -7.22	47.62 1.09 -10.12	61.40 1.40 -12.80	36.00 1.09 -0.88	75.84 2.20 -14.63	36.02 1.05 -2.72	49.43 1.20 -9.21	20.67 0.56 -0.11
COXSACKIE___GT 23611	23.34 1.38 0.00	20.99 1.09 0.00	19.31 1.04 0.00	19.31 1.06 0.00	20.73 1.20 0.00	22.24 1.33 0.00	44.53 2.76 0.00	31.06 2.03 0.00	31.03 1.93 0.00	34.72 2.08 0.00	29.59 1.70 0.00	31.02 1.59 0.00	25.89 1.31 0.00	23.45 1.04 0.00	25.05 1.21 0.00	42.27 2.33 0.00	34.10 1.62 0.00	41.07 2.08 -2.57	50.01 2.80 0.00	36.19 2.15 0.00	63.56 4.55 0.00	34.45 2.20 0.00	41.36 2.35 0.00	21.26 1.25 0.00
CPV_VALLEY___CC1 323721	23.40 1.43 0.00	21.18 1.28 0.00	19.47 1.20 0.00	19.44 1.19 0.00	20.80 1.26 0.00	22.25 1.35 0.00	44.42 2.65 0.00	31.07 2.04 0.00	31.17 2.07 0.00	34.98 2.33 0.00	29.82 1.93 0.00	31.44 2.00 0.00	26.33 1.75 0.00	23.99 1.58 0.00	25.50 1.67 0.00	42.57 2.63 0.00	34.71 2.23 0.00	41.14 2.62 -2.09	50.48 3.28 0.00	36.52 2.48 0.00	63.46 4.45 0.00	34.74 2.49 0.00	41.80 2.78 0.00	21.47 1.47 0.00

CPV_VALLEY___CC2 323722	23.40 1.43 0.00	21.18 1.28 0.00	19.47 1.20 0.00	19.44 1.19 0.00	20.80 1.26 0.00	22.25 1.35 0.00	44.42 2.65 0.00	31.07 2.04 0.00	31.17 2.07 0.00	34.98 2.33 0.00	29.82 1.93 0.00	31.44 2.00 0.00	26.33 1.75 0.00	23.99 1.58 0.00	25.50 1.67 0.00	42.57 2.63 0.00	34.71 2.23 0.00	41.14 2.62 -2.09	50.48 3.28 0.00	36.52 2.48 0.00	63.46 4.45 0.00	34.74 2.49 0.00	41.80 2.78 0.00	21.47 1.47 0.00
CRESCENT___HYD 24018	22.93 0.97 0.00	20.74 0.84 0.00	19.07 0.79 0.00	19.06 0.81 0.00	20.46 0.92 0.00	21.82 0.91 0.00	43.53 1.76 0.00	30.34 1.30 0.00	30.35 1.25 0.00	34.05 1.40 0.00	29.07 1.19 0.00	30.64 1.21 0.00	25.65 1.06 0.00	23.41 1.00 0.00	24.90 1.07 0.00	41.72 1.78 0.00	33.91 1.43 0.00	40.90 1.75 -2.73	49.45 2.24 0.00	35.78 1.74 0.00	61.99 2.98 0.00	33.76 1.51 0.00	40.56 1.55 0.00	20.91 0.91 0.00
CRICKET___VALLEY_CC1 323756	23.36 1.40 0.00	21.14 1.24 0.00	19.43 1.16 0.00	19.42 1.17 0.00	20.79 1.25 0.00	22.21 1.31 0.00	44.29 2.53 0.00	31.04 2.01 0.00	31.10 1.99 0.00	34.88 2.24 0.00	29.80 1.91 0.00	31.40 1.96 0.00	26.29 1.71 0.00	23.96 1.55 0.00	25.49 1.65 0.00	42.53 2.58 0.00	34.57 2.09 0.00	41.28 2.52 -2.34	50.39 3.18 0.00	36.50 2.46 0.00	63.33 4.33 0.00	34.50 2.24 0.00	41.37 2.36 0.00	21.36 1.34 0.00
CRICKET___VALLEY_CC2 323757	23.36 1.40 0.00	21.14 1.24 0.00	19.43 1.16 0.00	19.42 1.17 0.00	20.79 1.25 0.00	22.21 1.31 0.00	44.29 2.53 0.00	31.04 2.01 0.00	31.10 1.99 0.00	34.88 2.24 0.00	29.80 1.91 0.00	31.40 1.96 0.00	26.29 1.71 0.00	23.96 1.55 0.00	25.49 1.65 0.00	42.53 2.58 0.00	34.57 2.09 0.00	41.28 2.52 -2.34	50.39 3.18 0.00	36.50 2.46 0.00	63.33 4.33 0.00	34.50 2.24 0.00	41.37 2.36 0.00	21.36 1.34 0.00
CRICKET___VALLEY_CC3 323758	23.36 1.40 0.00	21.14 1.24 0.00	19.43 1.16 0.00	19.42 1.17 0.00	20.79 1.25 0.00	22.21 1.31 0.00	44.29 2.53 0.00	31.04 2.01 0.00	31.10 1.99 0.00	34.88 2.24 0.00	29.80 1.91 0.00	31.40 1.96 0.00	26.29 1.71 0.00	23.96 1.55 0.00	25.49 1.65 0.00	42.53 2.58 0.00	34.57 2.09 0.00	41.28 2.52 -2.34	50.39 3.18 0.00	36.50 2.46 0.00	63.33 4.33 0.00	34.50 2.24 0.00	41.37 2.36 0.00	21.36 1.34 0.00
CRUCIBLE_METL_DRP 24180	21.98 0.02 0.00	19.92 0.01 0.00	18.28 0.00 0.00	18.24 -0.01 0.00	19.54 0.00 0.00	20.98 0.07 0.00	41.99 0.22 0.00	29.30 0.27 0.00	29.35 0.25 0.00	32.91 0.27 0.00	28.07 0.18 0.00	29.55 0.11 0.00	24.68 0.10 0.00	22.49 0.08 0.00	23.93 0.09 0.00	54.72 0.28 -14.50	42.47 0.21 -9.79	49.74 0.28 -13.04	65.05 0.41 -17.43	35.59 0.33 -1.22	80.10 0.78 -20.31	36.33 0.30 -3.77	52.10 0.30 -12.79	20.26 0.11 -0.13
DAHOWA___HYDRO 323763	23.12 1.16 0.00	20.88 0.98 0.00	19.15 0.88 0.00	19.15 0.90 0.00	20.58 1.05 0.00	22.05 1.15 0.00	44.08 2.31 0.00	30.72 1.69 0.00	30.78 1.68 0.00	34.48 1.84 0.00	29.43 1.54 0.00	31.02 1.58 0.00	25.97 1.39 0.00	23.68 1.27 0.00	25.16 1.32 0.00	42.23 2.28 0.00	34.21 1.73 0.00	41.45 2.25 -2.77	50.17 2.97 0.00	36.34 2.30 0.00	63.03 4.03 0.00	34.27 2.01 0.00	41.13 2.12 0.00	21.17 1.16 0.00
DANC___LFGE 323619	21.77 -0.19 0.00	19.76 -0.14 0.00	18.12 -0.15 0.00	18.10 -0.15 0.00	19.39 -0.14 0.00	20.81 -0.09 0.00	41.74 -0.03 0.00	29.02 -0.01 0.00	28.94 -0.16 0.00	32.38 -0.26 0.00	27.62 -0.27 0.00	29.08 -0.36 0.00	24.09 -0.49 0.00	21.91 -0.50 0.00	23.15 -0.69 0.00	38.96 -0.98 0.00	31.63 -0.85 0.00	35.90 -0.69 -0.16	46.45 -0.76 0.00	33.68 -0.36 0.00	58.89 -0.12 0.00	32.19 -0.06 0.00	38.94 -0.08 0.00	19.88 -0.13 0.00
DANSKAMMER___1 23586	23.88 1.92 0.00	21.62 1.72 0.00	19.87 1.60 0.00	19.84 1.60 0.00	21.23 1.69 0.00	22.72 1.82 0.00	45.44 3.68 0.00	31.84 2.81 0.00	31.96 2.85 0.00	35.85 3.20 0.00	30.57 2.68 0.00	32.21 2.77 0.00	26.94 2.36 0.00	24.54 2.12 0.00	26.08 2.25 0.00	43.55 3.61 0.00	35.43 2.95 0.00	42.14 3.47 -2.26	51.63 4.43 0.00	37.39 3.36 0.00	65.01 6.00 0.00	35.45 3.19 0.00	42.54 3.52 0.00	21.85 1.84 0.00
DANSKAMMER___2 23589	23.88 1.92 0.00	21.62 1.72 0.00	19.87 1.60 0.00	19.84 1.60 0.00	21.23 1.69 0.00	22.72 1.82 0.00	45.44 3.68 0.00	31.84 2.81 0.00	31.96 2.85 0.00	35.85 3.20 0.00	30.57 2.68 0.00	32.21 2.77 0.00	26.94 2.36 0.00	24.54 2.12 0.00	26.08 2.25 0.00	43.55 3.61 0.00	35.43 2.95 0.00	42.14 3.47 -2.26	51.63 4.43 0.00	37.39 3.36 0.00	65.01 6.00 0.00	35.45 3.19 0.00	42.54 3.52 0.00	21.85 1.84 0.00
DANSKAMMER___3 23590	23.88 1.92 0.00	21.62 1.72 0.00	19.87 1.60 0.00	19.84 1.60 0.00	21.23 1.69 0.00	22.72 1.82 0.00	45.44 3.68 0.00	31.84 2.81 0.00	31.96 2.85 0.00	35.85 3.20 0.00	30.57 2.68 0.00	32.21 2.77 0.00	26.94 2.36 0.00	24.54 2.12 0.00	26.08 2.25 0.00	43.55 3.61 0.00	35.43 2.95 0.00	42.14 3.47 -2.26	51.63 4.43 0.00	37.39 3.36 0.00	65.01 6.00 0.00	35.45 3.19 0.00	42.54 3.52 0.00	21.85 1.84 0.00
DANSKAMMER___4 23591	23.88 1.92 0.00	21.62 1.72 0.00	19.87 1.60 0.00	19.84 1.60 0.00	21.23 1.69 0.00	22.72 1.82 0.00	45.44 3.68 0.00	31.84 2.81 0.00	31.96 2.85 0.00	35.85 3.20 0.00	30.57 2.68 0.00	32.21 2.77 0.00	26.94 2.36 0.00	24.54 2.12 0.00	26.08 2.25 0.00	43.55 3.61 0.00	35.43 2.95 0.00	42.14 3.47 -2.26	51.63 4.43 0.00	37.39 3.36 0.00	65.01 6.00 0.00	35.45 3.19 0.00	42.54 3.52 0.00	21.85 1.84 0.00
DANSKAMMER___DIESEL 23592	23.88 1.92 0.00	21.62 1.72 0.00	19.87 1.60 0.00	19.84 1.60 0.00	21.23 1.69 0.00	22.72 1.82 0.00	45.45 3.68 0.00	31.84 2.81 0.00	31.96 2.86 0.00	35.85 3.20 0.00	30.56 2.68 0.00	32.21 2.77 0.00	26.94 2.36 0.00	24.54 2.12 0.00	26.09 2.25 0.00	45.72 3.61 -2.17	36.99 2.95 -1.56	44.28 3.47 -4.39	54.28 4.43 -2.64	37.57 3.36 -0.17	67.87 6.00 -2.87	35.98 3.19 -0.53	44.35 3.53 -1.81	21.88 1.84 -0.03
DARBY___SOLAR 323810	23.12 1.16 0.00	20.89 0.98 0.00	19.16 0.89 0.00	19.16 0.91 0.00	20.58 1.05 0.00	22.04 1.14 0.00	44.05 2.28 0.00	30.70 1.67 0.00	30.75 1.65 0.00	34.46 1.81 0.00	29.41 1.53 0.00	31.01 1.57 0.00	25.96 1.38 0.00	23.68 1.27 0.00	25.16 1.33 0.00	43.86 2.26 -1.66	35.43 1.76 -1.20	43.07 2.25 -4.41	52.17 2.94 -2.03	36.43 2.27 -0.13	65.15 3.93 -2.21	34.64 1.97 -0.41	42.50 2.09 -1.39	21.18 1.15 -0.02
DASHVILLE___HYD 23610	24.35 2.39 0.00	22.08 2.18 0.00	20.27 2.00 0.00	20.24 2.00 0.00	21.65 2.11 0.00	23.17 2.27 0.00	46.45 4.68 0.00	32.59 3.56 0.00	32.73 3.62 0.00	36.73 4.09 0.00	31.31 3.42 0.00	32.94 3.50 0.00	27.49 2.91 0.00	24.99 2.57 0.00	26.56 2.73 0.00	46.44 4.38 -2.12	37.61 3.61 -1.52	45.02 4.21 -4.39	55.28 5.51 -2.57	38.44 4.23 -0.17	69.43 7.63 -2.80	36.87 4.09 -0.52	45.28 4.51 -1.76	22.33 2.30 -0.02

DEERFIELD_69_KV_DEERFIELD LD 355887	24.64 2.68 0.00	22.40 2.50 0.00	20.52 2.25 0.00	20.47 2.22 0.00	21.97 2.43 0.00	23.62 2.71 0.00	46.84 5.07 0.00	32.98 3.94 0.00	60.44 4.18 -27.15	36.66 4.01 0.00	33.19 3.47 -1.83	38.49 3.61 -5.44	27.61 2.95 -0.08	24.82 2.41 0.00	26.54 2.71 0.00	47.30 4.69 -2.67	37.68 3.64 -1.56	44.97 4.17 -4.39	55.19 5.35 -2.64	38.48 4.27 -0.18	70.12 7.44 -3.67	36.78 3.99 -0.53	45.40 4.58 -1.81	22.45 2.42 -0.03
DELAWARE___LFGE 323621	23.00 1.04 0.00	20.83 0.93 0.00	19.11 0.84 0.00	19.09 0.84 0.00	20.45 0.91 0.00	21.91 1.01 0.00	43.89 2.11 -0.01	30.64 1.61 0.00	30.74 1.63 0.00	34.45 1.81 0.00	29.39 1.50 0.00	30.93 1.49 0.00	25.84 1.25 0.00	23.56 1.14 0.00	25.05 1.22 0.00	46.96 1.99 -5.03	37.78 1.64 -3.66	44.41 1.93 -6.06	55.97 2.46 -6.30	36.29 1.84 -0.41	69.31 3.39 -6.91	35.29 1.75 -1.28	45.37 2.01 -4.35	21.09 1.02 -0.06
DERFIELD_115KV_TB7 355931	22.05 0.09 0.00	19.98 0.08 0.00	18.34 0.07 0.00	18.33 0.08 0.00	19.63 0.09 0.00	21.00 0.09 0.00	41.96 0.20 0.00	29.20 0.17 0.00	29.27 0.16 0.00	32.81 0.17 0.00	28.03 0.14 0.00	29.56 0.12 0.00	24.69 0.11 0.00	22.52 0.11 0.00	23.94 0.10 0.00	40.69 0.17 -0.58	33.06 0.14 -0.46	37.25 0.19 -0.64	48.25 0.23 -0.81	34.30 0.21 -0.06	60.36 0.41 -0.94	32.61 0.18 -0.17	39.77 0.16 -0.59	20.11 0.10 -0.01
DOGLEVILLE___HYD 23807	21.99 0.02 0.00	19.99 0.08 0.00	18.40 0.13 0.00	18.42 0.17 0.00	19.72 0.18 0.00	20.98 0.08 0.00	41.94 0.18 0.00	29.32 0.28 0.00	29.31 0.20 0.00	32.84 0.20 0.00	28.03 0.14 0.00	29.56 0.12 0.00	24.65 0.07 0.00	22.55 0.13 0.00	23.90 0.07 0.00	40.14 0.20 0.00	32.39 -0.09 0.00	36.80 0.34 0.00	47.70 0.49 0.00	34.51 0.48 0.00	60.15 1.14 0.00	32.62 0.37 0.00	39.10 0.09 0.00	20.07 0.06 0.00
DUNKIRK___115KV_TB_200 55889	21.92 -0.01 0.04	19.99 0.08 0.00	18.29 0.02 0.00	18.23 -0.01 0.00	19.69 0.15 0.00	21.30 0.39 0.00	42.97 1.29 0.09	30.28 1.24 0.00	30.45 1.35 0.00	33.89 1.24 0.00	28.93 1.04 0.00	29.99 0.55 0.00	24.88 0.30 0.00	22.62 0.21 0.00	24.33 0.49 0.00	18.00 1.56 23.51	16.88 0.85 16.44	15.42 1.03 22.03	20.58 1.71 28.33	33.42 1.05 1.67	33.91 2.78 27.87	28.11 1.02 5.17	23.01 1.55 17.55	20.24 0.51 0.29
DUNKIRK___1 23563	21.92 -0.01 0.04	19.99 0.08 0.00	18.29 0.02 0.00	18.23 -0.01 0.00	19.69 0.15 0.00	21.30 0.39 0.00	42.97 1.29 0.09	30.28 1.24 0.00	30.45 1.35 0.00	33.89 1.24 0.00	28.93 1.04 0.00	29.99 0.55 0.00	24.88 0.30 0.00	22.62 0.21 0.00	24.33 0.49 0.00	18.00 1.56 23.51	16.88 0.85 16.44	15.42 1.03 22.03	20.58 1.71 28.33	33.42 1.05 1.67	33.91 2.78 27.87	28.11 1.02 5.17	23.01 1.55 17.55	20.24 0.51 0.29
DUNKIRK___2 23564	21.92 -0.01 0.04	19.99 0.08 0.00	18.29 0.02 0.00	18.23 -0.01 0.00	19.69 0.15 0.00	21.30 0.39 0.00	42.97 1.29 0.09	30.28 1.24 0.00	30.45 1.35 0.00	33.89 1.24 0.00	28.93 1.04 0.00	29.99 0.55 0.00	24.88 0.30 0.00	22.62 0.21 0.00	24.33 0.49 0.00	18.00 1.56 23.51	16.88 0.85 16.44	15.42 1.03 22.03	20.58 1.71 28.33	33.42 1.05 1.67	33.91 2.78 27.87	28.11 1.02 5.17	23.01 1.55 17.55	20.24 0.51 0.29
DUNKIRK___3 23565	21.82 -0.10 0.04	19.90 0.00 0.00	18.21 -0.06 0.00	18.14 -0.10 0.00	19.58 0.04 0.00	21.17 0.27 0.00	42.68 1.01 0.10	30.08 1.04 0.00	30.23 1.12 0.00	33.65 1.01 0.00	28.72 0.83 0.00	29.82 0.39 0.00	24.75 0.16 0.00	22.51 0.10 0.00	24.17 0.33 0.00	17.25 1.32 24.01	16.37 0.65 16.76	14.76 0.81 22.47	19.72 1.42 28.90	33.13 0.84 1.74	32.37 2.37 29.01	27.68 0.81 5.38	22.03 1.29 18.27	20.10 0.40 0.30
DUNKIRK___4 23566	21.82 -0.10 0.04	19.90 0.00 0.00	18.21 -0.06 0.00	18.14 -0.10 0.00	19.58 0.04 0.00	21.17 0.27 0.00	42.68 1.01 0.10	30.08 1.04 0.00	30.23 1.12 0.00	33.65 1.01 0.00	28.72 0.83 0.00	29.82 0.39 0.00	24.75 0.16 0.00	22.51 0.10 0.00	24.17 0.33 0.00	17.25 1.32 24.01	16.37 0.65 16.76	14.76 0.81 22.47	19.72 1.42 28.90	33.13 0.84 1.74	32.37 2.37 29.01	27.68 0.81 5.38	22.03 1.29 18.27	20.10 0.40 0.30
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.78 1.81 0.00	21.53 1.63 0.00	19.80 1.53 0.00	19.77 1.52 0.00	21.14 1.60 0.00	22.62 1.71 0.00	45.16 3.39 0.00	31.64 2.61 0.00	31.79 2.68 0.00	35.64 2.99 0.00	30.41 2.52 0.00	32.07 2.63 0.00	26.87 2.29 0.00	24.46 2.05 0.00	26.02 2.18 0.00	45.56 3.45 -2.17	36.83 2.79 -1.56	44.07 3.26 -4.39	53.91 4.07 -2.64	37.27 3.06 -0.17	67.29 5.42 -2.87	35.68 2.89 -0.53	44.01 3.19 -1.81	21.73 1.70 -0.03
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.78 1.81 0.00	21.53 1.63 0.00	19.79 1.52 0.00	19.76 1.51 0.00	21.14 1.60 0.00	22.62 1.72 0.00	45.23 3.46 0.00	31.66 2.63 0.00	31.79 2.69 0.00	35.65 3.01 0.00	30.40 2.51 0.00	32.03 2.59 0.00	26.80 2.22 0.00	24.39 1.98 0.00	25.94 2.10 0.00	45.53 3.37 -2.22	36.85 2.78 -1.59	44.07 3.25 -4.40	54.03 4.14 -2.70	37.35 3.14 -0.18	67.58 5.64 -2.94	35.84 3.04 -0.54	44.22 3.36 -1.85	21.78 1.75 -0.03
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.81 1.84 0.00	21.58 1.67 0.00	19.87 1.59 0.00	19.80 1.55 0.00	21.15 1.61 0.00	22.62 1.71 0.00	45.22 3.45 0.00	31.71 2.68 0.00	31.88 2.77 0.00	35.69 3.05 0.00	30.46 2.57 0.00	32.13 2.69 0.00	26.95 2.37 0.00	24.54 2.13 0.00	26.10 2.26 0.00	45.64 3.52 -2.17	36.87 2.83 -1.56	44.11 3.31 -4.39	53.91 4.07 -2.64	37.29 3.09 -0.17	67.37 5.49 -2.87	35.70 2.91 -0.53	44.05 3.23 -1.81	21.77 1.73 -0.03
E179THST_13_KV_LOAD 356214	23.88 1.92 0.00	21.65 1.75 0.00	19.93 1.66 0.00	19.87 1.62 0.00	21.22 1.68 0.00	22.69 1.79 0.00	45.39 3.62 0.00	31.84 2.81 0.00	32.00 2.90 0.00	35.85 3.20 0.00	30.60 2.71 0.00	32.26 2.82 0.00	27.06 2.48 0.00	24.64 2.23 0.00	26.20 2.36 0.00	45.82 3.71 -2.17	37.03 2.99 -1.56	44.28 3.48 -4.39	54.14 4.30 -2.64	37.46 3.25 -0.17	67.66 5.78 -2.87	35.86 3.07 -0.53	44.23 3.42 -1.81	21.86 1.82 -0.03
EAST HAMPTON___GT 23717	24.89 2.92 0.00	22.60 2.70 0.00	20.70 2.43 0.00	20.66 2.42 0.00	22.18 2.65 0.00	23.86 2.96 0.00	47.35 5.58 0.00	33.35 4.32 0.00	60.81 4.56 -27.15	37.05 4.41 0.00	33.56 3.84 -1.83	38.83 3.95 -5.44	27.86 3.19 -0.08	25.03 2.62 0.00	26.80 2.96 0.00	45.60 5.17 -0.50	36.50 4.02 0.00	43.32 4.64 -2.26	53.12 5.92 0.00	38.70 4.65 0.00	68.02 8.21 -0.80	36.67 4.41 0.00	44.13 5.11 0.00	22.66 2.65 0.00
EAST RIVER___6 23660	23.86 1.90 0.00	21.63 1.73 0.00	19.91 1.64 0.00	19.87 1.62 0.00	21.23 1.69 0.00	22.70 1.80 0.00	45.33 3.56 0.00	31.82 2.79 0.00	31.99 2.89 0.00	35.89 3.25 0.00	30.62 2.73 0.00	32.29 2.85 0.00	27.07 2.49 0.00	24.65 2.23 0.00	26.22 2.39 0.00	43.66 3.72 0.00	35.48 3.00 0.00	42.18 3.50 -2.26	51.55 4.34 0.00	37.29 3.25 0.00	64.75 5.74 0.00	35.31 3.05 0.00	42.38 3.36 0.00	21.81 1.80 0.00

EAST RIVER___7 23524	23.86 1.90 0.00	21.63 1.73 0.00	19.91 1.64 0.00	19.87 1.62 0.00	21.23 1.69 0.00	22.70 1.80 0.00	45.33 3.56 0.00	31.82 2.79 0.00	31.99 2.89 0.00	35.89 3.25 0.00	30.62 2.73 0.00	32.29 2.85 0.00	27.07 2.49 0.00	24.65 2.23 0.00	26.22 2.39 0.00	43.66 3.72 0.00	35.48 3.00 0.00	42.18 3.50 -2.26	51.55 4.34 0.00	37.29 3.25 0.00	64.75 5.74 0.00	35.31 3.05 0.00	42.38 3.36 0.00	21.81 1.80 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.73 1.77 0.00	21.49 1.59 0.00	19.77 1.50 0.00	19.73 1.48 0.00	21.11 1.57 0.00	22.58 1.67 0.00	45.09 3.31 0.00	31.58 2.55 0.00	31.71 2.61 0.00	35.57 2.92 0.00	30.34 2.45 0.00	32.00 2.56 0.00	26.81 2.23 0.00	24.41 2.00 0.00	25.96 2.13 0.00	45.48 3.36 -2.17	36.76 2.72 -1.56	43.99 3.18 -4.39	53.82 3.98 -2.64	37.20 2.99 -0.17	67.19 5.31 -2.87	35.62 2.83 -0.53	43.94 3.12 -1.81	21.69 1.66 -0.03
EAST_HAMPTON___DIESEL 23722	24.89 2.93 0.00	22.61 2.70 0.00	20.71 2.44 0.00	20.66 2.42 0.00	22.19 2.65 0.00	23.87 2.96 0.00	47.35 5.59 0.00	33.36 4.33 0.00	60.82 4.57 -27.15	37.06 4.42 0.00	33.57 3.85 -1.83	38.83 3.95 -5.44	27.86 3.19 -0.08	25.03 2.62 0.00	26.80 2.96 0.00	45.60 5.17 -0.50	36.50 4.02 0.00	43.32 4.64 -2.26	53.12 5.92 0.00	38.70 4.65 0.00	68.02 8.21 -0.80	36.67 4.41 0.00	44.14 5.13 0.00	22.67 2.66 0.00
EAST_PULASKI___ESR 323781	21.72 -0.25 0.00	19.70 -0.21 0.00	18.07 -0.20 0.00	18.04 -0.20 0.00	19.32 -0.22 0.00	20.71 -0.20 0.00	41.46 -0.30 0.00	28.88 -0.16 0.00	28.88 -0.22 0.00	32.36 -0.29 0.00	27.61 -0.28 0.00	29.10 -0.34 0.00	24.20 -0.38 0.00	22.05 -0.36 0.00	23.37 -0.46 0.00	42.66 -0.68 -3.40	34.15 -0.61 -2.28	39.03 -0.52 -3.13	50.69 -0.60 -4.09	33.98 -0.34 -0.29	63.54 -0.28 -4.81	32.94 -0.20 -0.89	41.79 -0.25 -3.03	19.86 -0.18 -0.03
EAST_RIVER___1 323558	23.83 1.87 0.00	21.58 1.68 0.00	19.86 1.59 0.00	19.82 1.57 0.00	21.18 1.65 0.00	22.66 1.76 0.00	45.24 3.48 0.00	31.72 2.69 0.00	31.89 2.78 0.00	35.77 3.13 0.00	30.51 2.62 0.00	32.19 2.75 0.00	27.00 2.42 0.00	24.56 2.15 0.00	26.13 2.29 0.00	43.52 3.58 0.00	35.36 2.89 0.00	42.05 3.37 -2.26	51.40 4.20 0.00	37.17 3.14 0.00	64.57 5.56 0.00	35.22 2.96 0.00	42.28 3.27 0.00	21.76 1.76 0.00
EAST_RIVER___2 323559	23.86 1.90 0.00	21.63 1.73 0.00	19.91 1.64 0.00	19.87 1.62 0.00	21.23 1.69 0.00	22.70 1.80 0.00	45.33 3.56 0.00	31.82 2.79 0.00	31.99 2.89 0.00	35.89 3.25 0.00	30.62 2.73 0.00	32.29 2.85 0.00	27.07 2.49 0.00	24.65 2.23 0.00	26.22 2.39 0.00	43.66 3.72 0.00	35.48 3.00 0.00	42.18 3.50 -2.26	51.55 4.34 0.00	37.29 3.25 0.00	64.75 5.74 0.00	35.31 3.05 0.00	42.38 3.36 0.00	21.81 1.80 0.00
EAST___DELAWARE_HYD 23607	24.60 2.63 0.00	22.45 2.55 0.00	20.48 2.21 0.00	20.44 2.20 0.00	21.88 2.34 0.00	23.31 2.41 0.00	46.69 4.93 0.00	32.68 3.65 0.00	32.80 3.69 0.00	36.80 4.16 0.00	31.49 3.60 0.00	33.17 3.73 0.00	27.64 3.06 0.00	25.15 2.74 0.00	26.60 2.76 0.00	44.39 4.45 0.00	36.19 3.71 0.00	42.99 4.43 -2.14	52.94 5.74 0.00	38.34 4.31 0.00	66.74 7.73 0.00	36.39 4.14 0.00	43.68 4.66 0.00	22.40 2.39 0.00
EIGHT_POINT___WT_PWR 323820	22.49 0.53 0.00	20.45 0.55 0.00	18.69 0.41 0.00	18.61 0.37 0.00	19.98 0.44 0.00	21.53 0.63 0.00	45.82 1.49 -2.56	30.50 1.47 0.00	30.63 1.52 0.00	34.12 1.47 0.00	29.07 1.18 0.00	30.27 0.83 0.00	25.18 0.60 0.00	22.93 0.52 0.00	24.46 0.63 0.00	60.76 1.73 -19.09	46.48 0.99 -13.01	55.34 1.34 -17.57	72.17 1.91 -23.05	37.13 1.35 -1.74	91.05 2.99 -29.05	38.99 1.34 -5.39	59.02 1.71 -18.30	21.07 0.77 -0.29
ELBRIDGE_115KV_TB2 80188	21.96 -0.01 0.00	19.88 -0.03 0.00	18.24 -0.03 0.00	18.21 -0.04 0.00	19.52 -0.02 0.00	20.95 0.05 0.00	41.95 0.18 0.00	29.32 0.28 0.00	29.34 0.24 0.00	32.92 0.27 0.00	28.06 0.18 0.00	29.53 0.09 0.00	24.68 0.10 0.00	22.49 0.07 0.00	23.93 0.09 0.00	59.49 0.20 -19.35	45.70 0.15 -13.07	53.95 0.19 -17.35	70.77 0.31 -23.26	35.94 0.28 -1.62	86.78 0.70 -27.08	37.53 0.25 -5.02	56.33 0.26 -17.05	20.27 0.08 -0.18
ELEC_TRO_TEK 24086	24.06 2.10 0.00	21.85 1.94 0.00	20.03 1.75 0.00	19.98 1.73 0.00	21.41 1.87 0.00	22.94 2.04 0.00	45.65 3.87 0.00	32.05 3.02 0.00	59.45 3.20 -27.15	36.02 3.37 0.00	32.67 2.95 -1.83	38.01 3.13 -5.44	27.33 2.66 -0.08	24.69 2.28 0.00	26.31 2.48 0.00	46.66 4.05 -2.67	37.16 3.12 -1.56	44.43 3.63 -4.39	54.36 4.52 -2.64	37.76 3.54 -0.18	68.80 6.12 -3.67	36.12 3.33 -0.53	44.57 3.75 -1.81	22.00 1.96 -0.03
ELLENBURG_WT_PWR 323604	22.03 0.07 0.00	19.92 0.02 0.00	18.35 0.08 0.00	18.35 0.10 0.00	19.69 0.15 0.00	21.18 0.27 0.00	42.40 0.64 0.00	29.60 0.57 0.00	29.61 0.51 0.00	33.09 0.45 0.00	28.36 0.47 0.00	30.02 0.58 0.00	25.00 0.42 0.00	22.72 0.31 0.00	24.24 0.40 0.00	40.59 0.65 0.00	33.22 0.74 0.00	37.12 0.70 0.00	48.01 0.81 0.00	34.78 0.75 0.00	60.01 1.00 0.00	32.88 0.63 0.00	39.97 0.96 0.00	20.35 0.34 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.31 -0.62 0.04	19.43 -0.47 0.00	17.73 -0.54 0.00	17.68 -0.57 0.00	19.02 -0.52 0.00	20.55 -0.36 0.00	41.31 -0.36 0.10	29.07 0.04 0.00	29.19 0.09 0.00	32.50 -0.15 0.00	27.75 -0.14 0.00	28.95 -0.49 0.00	24.05 -0.53 0.00	21.89 -0.52 0.00	23.40 -0.43 0.00	13.91 0.15 26.19	14.02 -0.26 18.20	11.73 -0.25 24.45	15.80 0.04 31.45	31.79 -0.26 1.99	26.17 0.39 33.23	25.82 -0.27 6.17	18.10 0.01 20.93	19.43 -0.24 0.34
EMPIRE_CC_1 323656	22.90 0.94 0.00	20.67 0.76 0.00	19.02 0.75 0.00	19.00 0.76 0.00	20.38 0.84 0.00	21.71 0.81 0.00	43.29 1.53 0.00	30.16 1.13 0.00	30.13 1.02 0.00	33.82 1.17 0.00	28.89 1.00 0.00	30.45 1.01 0.00	25.52 0.93 0.00	23.30 0.89 0.00	24.80 0.96 0.00	41.55 1.61 0.00	33.87 1.39 0.00	40.74 1.68 -2.64	49.31 2.11 0.00	35.69 1.65 0.00	61.80 2.80 0.00	33.57 1.32 0.00	40.23 1.22 0.00	20.79 0.78 0.00
EMPIRE_CC_2 323658	22.90 0.94 0.00	20.67 0.76 0.00	19.02 0.75 0.00	19.00 0.76 0.00	20.38 0.84 0.00	21.71 0.81 0.00	43.29 1.53 0.00	30.16 1.13 0.00	30.13 1.02 0.00	33.82 1.17 0.00	28.89 1.00 0.00	30.45 1.01 0.00	25.52 0.93 0.00	23.30 0.89 0.00	24.80 0.96 0.00	41.55 1.61 0.00	33.87 1.39 0.00	40.74 1.68 -2.64	49.31 2.11 0.00	35.69 1.65 0.00	61.80 2.80 0.00	33.57 1.32 0.00	40.23 1.22 0.00	20.79 0.78 0.00
ENORWICH_115KV_TB1 80156	23.86 1.90 0.00	21.67 1.76 0.00	19.86 1.59 0.00	19.86 1.61 0.00	21.34 1.80 0.00	22.91 2.01 0.00	46.31 4.52 -0.02	32.38 3.35 0.00	32.43 3.33 0.00	36.18 3.53 0.00	30.66 2.77 0.00	32.03 2.60 0.00	26.57 1.98 0.00	24.19 1.78 0.00	25.78 1.94 0.00	55.76 3.04 -12.78	43.84 2.60 -8.76	52.23 3.15 -12.66	67.15 4.46 -15.48	38.52 3.44 -1.05	83.05 6.55 -17.49	38.81 3.31 -3.25	53.90 3.87 -11.01	21.98 1.84 -0.14

ERIE_ST__34_KV_TB1-2 80199	21.83 -0.10 0.04	19.91 0.00 0.00	18.16 -0.11 0.00	18.10 -0.15 0.00	19.48 -0.06 0.00	21.04 0.13 0.00	42.38 0.70 0.08	29.86 0.83 0.00	30.01 0.91 0.00	33.43 0.78 0.00	28.53 0.64 0.00	29.75 0.31 0.00	24.72 0.14 0.00	22.49 0.08 0.00	24.05 0.21 0.00	15.57 1.06 25.44	15.24 0.42 17.67	13.24 0.50 23.68	17.68 0.97 30.49	32.76 0.52 1.80	30.62 1.69 30.08	27.18 0.50 5.58	20.92 0.85 18.94	19.89 0.22 0.34
ERIE_WT_PWR 323693	21.53 -0.40 0.04	19.63 -0.26 0.01	17.90 -0.35 0.02	17.86 -0.38 0.01	19.18 -0.30 0.05	20.54 -0.15 0.22	41.09 0.10 0.78	29.31 0.40 0.11	29.52 0.50 0.09	32.83 0.28 0.09	28.00 0.18 0.06	29.29 -0.15 0.00	24.33 -0.26 0.00	22.14 -0.28 0.00	23.67 -0.16 0.00	15.43 0.63 25.14	15.45 0.12 17.15	14.52 0.15 22.05	17.36 0.53 30.37	32.26 0.08 1.85	29.04 1.02 30.98	26.57 0.06 5.75	19.95 0.45 19.51	19.63 -0.04 0.34
ESPRGFLD_115KV_TB1 80157	23.33 1.37 0.00	21.10 1.19 0.00	19.27 1.00 0.00	19.22 0.98 0.00	20.62 1.08 0.00	22.23 1.32 0.00	44.65 2.88 -0.01	31.14 2.10 0.00	31.28 2.18 0.00	35.03 2.38 0.00	29.86 1.97 0.00	31.34 1.90 0.00	26.17 1.58 0.00	23.80 1.39 0.00	25.28 1.45 0.00	45.31 2.30 -3.06	36.73 2.02 -2.23	41.72 2.36 -2.94	54.12 3.10 -3.81	36.54 2.25 -0.25	67.23 4.05 -4.17	35.27 2.24 -0.77	44.32 2.68 -2.63	21.30 1.25 -0.04
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.63 0.67 0.00	20.51 0.60 0.00	18.81 0.54 0.00	18.79 0.55 0.00	20.14 0.61 0.00	21.62 0.71 0.00	43.40 1.61 -0.03	30.33 1.29 0.00	30.38 1.28 0.00	34.00 1.36 0.00	28.96 1.07 0.00	30.42 0.99 0.00	25.36 0.78 0.00	23.14 0.73 0.00	24.60 0.76 0.00	62.10 1.32 -20.84	47.42 1.06 -13.88	56.97 1.30 -19.25	73.78 1.74 -24.84	37.12 1.37 -1.71	90.28 2.75 -28.52	38.88 1.33 -5.29	58.53 1.55 -17.96	20.93 0.70 -0.21
ETNA____115KV_TB2 80207	22.63 0.67 0.00	20.51 0.60 0.00	18.81 0.54 0.00	18.79 0.55 0.00	20.14 0.61 0.00	21.62 0.71 0.00	43.40 1.61 -0.03	30.33 1.29 0.00	30.38 1.28 0.00	34.00 1.36 0.00	28.96 1.07 0.00	30.42 0.99 0.00	25.36 0.78 0.00	23.14 0.73 0.00	24.60 0.76 0.00	62.10 1.32 -20.84	47.42 1.06 -13.88	56.97 1.30 -19.25	73.78 1.74 -24.84	37.12 1.37 -1.71	90.28 2.75 -28.52	38.88 1.33 -5.29	58.53 1.55 -17.96	20.93 0.70 -0.21
EUCLID____115KV_TB2 356179	21.67 -0.29 0.00	19.66 -0.24 0.00	18.04 -0.23 0.00	18.01 -0.23 0.00	19.30 -0.24 0.00	20.67 -0.23 0.00	41.36 -0.41 0.00	28.84 -0.19 0.00	28.90 -0.20 0.00	32.39 -0.25 0.00	27.66 -0.23 0.00	29.14 -0.30 0.00	24.31 -0.27 0.00	22.17 -0.24 0.00	23.58 -0.26 0.00	43.20 -0.36 -3.62	34.55 -0.34 -2.41	39.43 -0.32 -3.33	51.14 -0.40 -4.34	34.08 -0.27 -0.31	63.83 -0.30 -5.12	32.93 -0.28 -0.95	41.88 -0.36 -3.23	19.83 -0.21 -0.03
E_CANADA_CAP_HY 24051	23.41 1.45 0.00	21.14 1.24 0.00	19.28 1.01 0.00	19.22 0.97 0.00	20.63 1.10 0.00	22.29 1.38 0.00	44.80 3.04 0.00	31.20 2.17 0.00	31.36 2.25 0.00	35.10 2.46 0.00	29.90 2.01 0.00	31.37 1.94 0.00	26.21 1.62 0.00	23.83 1.42 0.00	25.29 1.45 0.00	42.20 2.26 0.00	34.51 2.03 0.00	42.18 2.46 -3.30	50.47 3.27 0.00	36.41 2.37 0.00	63.21 4.20 0.00	34.62 2.36 0.00	41.79 2.78 0.00	21.30 1.29 0.00
E_CANADA_MHWK_HY 24050	21.99 0.02 0.00	19.99 0.08 0.00	18.40 0.13 0.00	18.42 0.17 0.00	19.72 0.18 0.00	20.98 0.08 0.00	41.94 0.18 0.00	29.32 0.28 0.00	29.31 0.20 0.00	32.84 0.20 0.00	28.03 0.14 0.00	29.56 0.12 0.00	24.65 0.07 0.00	22.55 0.13 0.00	23.90 0.07 0.00	40.14 0.20 0.00	32.39 -0.09 0.00	36.80 0.34 -0.04	47.70 0.49 0.00	34.51 0.48 0.00	60.15 1.14 0.00	32.62 0.37 0.00	39.10 0.09 0.00	20.07 0.06 0.00
E_FISHKILL____LBMP 23776	23.57 1.61 0.00	21.34 1.44 0.00	19.62 1.35 0.00	19.59 1.34 0.00	20.96 1.43 0.00	22.42 1.51 0.00	44.76 2.98 0.00	31.33 2.30 0.00	31.45 2.35 0.00	35.28 2.63 0.00	30.10 2.21 0.00	31.74 2.30 0.00	26.58 2.00 0.00	24.21 1.80 0.00	25.75 1.91 0.00	45.11 3.03 -2.14	36.47 2.45 -1.54	43.69 2.89 -4.38	53.43 3.62 -2.60	36.95 2.74 -0.17	66.71 4.87 -2.83	35.37 2.58 -0.53	43.62 2.82 -1.78	21.56 1.52 -0.03
FALCON____SEABRD_CC1 323796	22.53 0.57 0.00	20.32 0.42 0.00	18.70 0.43 0.00	18.72 0.47 0.00	20.11 0.57 0.00	21.68 0.77 0.00	43.42 1.65 0.00	30.39 1.36 0.00	30.35 1.25 0.00	33.86 1.22 0.00	29.00 1.11 0.00	30.70 1.26 0.00	25.58 0.99 0.00	23.25 0.84 0.00	24.84 1.00 0.00	41.59 1.64 0.00	34.03 1.56 0.00	38.05 1.63 0.00	49.12 1.92 0.00	35.69 1.65 0.00	61.57 2.56 0.00	33.65 1.40 0.00	41.00 1.98 0.00	20.86 0.85 0.00
FALCON____SEABRD_CC2 323797	22.53 0.57 0.00	20.32 0.42 0.00	18.70 0.43 0.00	18.72 0.47 0.00	20.11 0.57 0.00	21.68 0.77 0.00	43.42 1.65 0.00	30.39 1.36 0.00	30.35 1.25 0.00	33.86 1.22 0.00	29.00 1.11 0.00	30.70 1.26 0.00	25.58 0.99 0.00	23.25 0.84 0.00	24.84 1.00 0.00	41.59 1.64 0.00	34.03 1.56 0.00	38.05 1.63 0.00	49.12 1.92 0.00	35.69 1.65 0.00	61.57 2.56 0.00	33.65 1.40 0.00	41.00 1.98 0.00	20.86 0.85 0.00
FAR ROCKAWAY____4 23548	24.26 2.30 0.00	22.08 2.17 0.00	20.23 1.96 0.00	20.18 1.94 0.00	21.62 2.08 0.00	23.13 2.23 0.00	46.05 4.28 0.00	32.36 3.32 0.00	59.75 3.50 -27.15	36.38 3.74 0.00	32.97 3.25 -1.83	38.36 3.48 -5.44	27.62 2.95 -0.08	24.93 2.52 0.00	26.59 2.75 0.00	47.11 4.49 -2.67	37.23 3.20 -1.56	44.54 3.74 -4.39	54.48 4.64 -2.64	37.88 3.67 -0.18	69.05 6.37 -3.67	36.52 3.73 -0.53	44.98 4.16 -1.81	22.20 2.17 -0.03
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.84 1.88 0.00	21.59 1.69 0.00	19.86 1.59 0.00	19.83 1.58 0.00	21.19 1.65 0.00	22.67 1.77 0.00	45.26 3.49 0.00	31.73 2.70 0.00	31.91 2.81 0.00	35.79 3.14 0.00	30.52 2.63 0.00	32.20 2.76 0.00	27.00 2.42 0.00	24.57 2.16 0.00	26.13 2.30 0.00	45.71 3.60 -2.17	36.94 2.90 -1.56	44.19 3.39 -4.39	54.05 4.22 -2.64	37.35 3.14 -0.17	67.45 5.57 -2.87	35.75 2.97 -0.53	44.11 3.28 -1.81	21.79 1.76 -0.03
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.84 1.88 0.00	21.59 1.69 0.00	19.87 1.60 0.00	19.83 1.58 0.00	21.20 1.66 0.00	22.68 1.77 0.00	45.27 3.50 0.00	31.75 2.72 0.00	31.92 2.81 0.00	35.79 3.15 0.00	30.52 2.64 0.00	32.20 2.77 0.00	27.00 2.42 0.00	24.57 2.16 0.00	26.13 2.30 0.00	45.72 3.60 -2.17	36.94 2.91 -1.56	44.20 3.39 -4.39	54.06 4.22 -2.64	37.36 3.15 -0.17	67.47 5.59 -2.87	35.77 2.99 -0.53	44.12 3.30 -1.81	21.80 1.77 -0.03
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.82 1.86 0.00	21.58 1.68 0.00	19.85 1.58 0.00	19.81 1.57 0.00	21.19 1.65 0.00	22.66 1.76 0.00	45.24 3.47 0.00	31.72 2.69 0.00	31.89 2.78 0.00	35.76 3.11 0.00	30.50 2.62 0.00	32.19 2.75 0.00	26.98 2.40 0.00	24.56 2.15 0.00	26.11 2.28 0.00	45.69 3.57 -2.17	36.93 2.89 -1.56	44.16 3.36 -4.39	54.02 4.18 -2.64	37.32 3.11 -0.17	67.40 5.52 -2.87	35.73 2.94 -0.53	44.07 3.25 -1.81	21.78 1.75 -0.03

FARRAGUT___LBMP 323566	23.81 1.85 0.00	21.57 1.66 0.00	19.84 1.57 0.00	19.80 1.56 0.00	21.17 1.63 0.00	22.65 1.74 0.00	45.21 3.44 0.00	31.69 2.66 0.00	31.86 2.75 0.00	35.73 3.08 0.00	30.47 2.59 0.00	32.15 2.72 0.00	26.96 2.37 0.00	24.53 2.12 0.00	26.09 2.25 0.00	45.64 3.53 -2.17	36.89 2.85 -1.56	44.13 3.32 -4.39	53.97 4.13 -2.64	37.30 3.09 -0.17	67.36 5.48 -2.87	35.72 2.93 -0.53	44.05 3.23 -1.81	21.77 1.73 -0.03
FENNER___WINDPWR 24204	22.49 0.53 0.00	20.43 0.52 0.00	18.74 0.47 0.00	18.72 0.47 0.00	20.07 0.53 0.00	21.47 0.57 0.00	43.11 1.34 0.00	30.04 1.00 0.00	30.13 1.02 0.00	33.72 1.08 0.00	28.75 0.86 0.00	30.21 0.77 0.00	25.19 0.61 0.00	22.99 0.58 0.00	24.41 0.57 0.00	47.80 0.99 -6.87	37.94 0.77 -4.68	43.82 0.96 -6.44	56.83 1.32 -8.30	35.65 1.04 -0.57	70.66 2.13 -9.52	35.07 1.05 -1.77	46.17 1.17 -5.99	20.61 0.53 -0.07
FIBERTEK___ENERGY 23856	21.98 0.02 0.00	19.92 0.01 0.00	18.28 0.00 0.00	18.24 -0.01 0.00	19.54 0.00 0.00	20.98 0.07 0.00	41.99 0.22 0.00	29.30 0.27 0.00	29.35 0.25 0.00	32.91 0.27 0.00	28.07 0.18 0.00	29.55 0.11 0.00	24.68 0.10 0.00	22.49 0.08 0.00	23.93 0.09 0.00	54.72 0.28 -14.50	42.47 0.21 -9.79	49.74 0.28 -13.04	65.05 0.41 -17.43	35.59 0.33 -1.22	80.10 0.78 -20.31	36.33 0.30 -3.77	52.10 0.30 -12.79	20.26 0.11 -0.13
FITZPATRICK____ 23598	21.43 -0.54 0.00	19.43 -0.47 0.00	17.83 -0.44 0.00	17.81 -0.44 0.00	19.08 -0.46 0.00	20.43 -0.48 0.00	40.87 -0.90 0.00	28.49 -0.54 0.00	28.55 -0.56 0.00	32.00 -0.65 0.00	27.32 -0.57 0.00	28.78 -0.65 0.00	24.03 -0.56 0.00	21.91 -0.50 0.00	23.30 -0.53 0.00	39.10 -0.85 0.00	31.77 -0.71 0.00	35.81 -0.76 -0.15	46.23 -0.97 0.00	33.36 -0.67 0.00	57.96 -1.05 0.00	31.59 -0.66 0.00	38.19 -0.82 0.00	19.57 -0.44 0.00
FLOWFLD_69_KV_BK1 356044	24.39 2.43 0.00	22.12 2.22 0.00	20.25 1.98 0.00	20.19 1.95 0.00	21.66 2.13 0.00	23.30 2.39 0.00	46.20 4.43 0.00	32.46 3.43 0.00	59.92 3.67 -27.15	36.29 3.65 0.00	32.88 3.15 -1.83	38.21 3.33 -5.44	27.44 2.77 -0.08	24.66 2.25 0.00	26.37 2.54 0.00	46.96 4.35 -2.67	37.36 3.32 -1.56	44.62 3.82 -4.39	54.61 4.77 -2.64	38.07 3.85 -0.18	69.29 6.61 -3.67	36.39 3.60 -0.53	44.98 4.16 -1.81	22.25 2.22 -0.03
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.90 1.94 0.00	21.64 1.73 0.00	19.88 1.61 0.00	19.86 1.61 0.00	21.25 1.71 0.00	22.74 1.84 0.00	45.49 3.72 0.00	31.87 2.84 0.00	32.00 2.89 0.00	35.89 3.24 0.00	30.59 2.70 0.00	32.24 2.80 0.00	26.97 2.38 0.00	24.57 2.15 0.00	26.12 2.29 0.00	45.77 3.66 -2.17	37.02 2.99 -1.56	44.33 3.53 -4.39	54.33 4.49 -2.63	37.61 3.40 -0.17	67.92 6.06 -2.87	36.00 3.22 -0.53	44.36 3.55 -1.81	21.90 1.86 -0.03
FORT ORANGE____ 23900	22.63 0.67 0.00	20.46 0.55 0.00	18.85 0.58 0.00	18.84 0.59 0.00	20.18 0.64 0.00	21.54 0.63 0.00	43.00 1.23 0.00	29.98 0.95 0.00	30.00 0.89 0.00	33.65 1.01 0.00	28.72 0.83 0.00	30.25 0.81 0.00	25.29 0.71 0.00	23.07 0.66 0.00	24.55 0.72 0.00	41.13 1.19 0.00	33.43 0.95 0.00	40.31 1.21 -2.68	48.75 1.55 0.00	35.31 1.27 0.00	61.24 2.23 0.00	33.30 1.05 0.00	40.00 0.99 0.00	20.61 0.60 0.00
FORT_DRUM_COGEN 23780	21.85 -0.11 0.00	19.87 -0.03 0.00	18.23 -0.04 0.00	18.20 -0.05 0.00	19.53 -0.01 0.00	20.98 0.08 0.00	42.19 0.42 0.00	29.26 0.23 0.00	29.08 -0.03 0.00	32.46 -0.19 0.00	27.68 -0.21 0.00	29.08 -0.35 0.00	24.00 -0.58 0.00	21.79 -0.63 0.00	22.97 -0.86 0.00	41.12 -1.23 -2.41	33.11 -1.00 -1.63	37.97 -0.67 -2.23	49.44 -0.66 -2.90	34.03 -0.21 -0.20	62.66 0.25 -3.40	33.07 0.18 -0.63	41.35 0.19 -2.14	20.01 -0.03 -0.02
FPL_FAR_ROCK_GT1 24212	24.26 2.30 0.00	22.08 2.17 0.00	20.23 1.96 0.00	20.18 1.94 0.00	21.62 2.08 0.00	23.13 2.23 0.00	46.05 4.28 0.00	32.35 3.32 0.00	59.75 3.49 -27.15	36.38 3.73 0.00	32.98 3.25 -1.83	38.36 3.48 -5.44	27.62 2.95 -0.08	24.93 2.52 0.00	26.59 2.75 0.00	44.90 4.46 -0.50	35.67 3.19 0.00	42.41 3.73 -2.26	51.85 4.64 0.00	37.71 3.66 0.00	66.19 6.38 -0.80	35.99 3.73 0.00	43.16 4.15 0.00	22.18 2.16 0.00
FPL_FAR_ROCK_GT2 23815	24.26 2.30 0.00	22.08 2.17 0.00	20.23 1.96 0.00	20.18 1.94 0.00	21.62 2.08 0.00	23.13 2.23 0.00	46.05 4.28 0.00	32.35 3.32 0.00	59.75 3.49 -27.15	36.38 3.73 0.00	32.98 3.25 -1.83	38.36 3.48 -5.44	27.62 2.95 -0.08	24.93 2.52 0.00	26.59 2.75 0.00	44.90 4.46 -0.50	35.67 3.19 0.00	42.41 3.73 -2.26	51.85 4.64 0.00	37.71 3.66 0.00	66.19 6.38 -0.80	35.99 3.73 0.00	43.16 4.15 0.00	22.18 2.16 0.00
FRANKLIN_FALL_HYD 24054	21.91 -0.05 0.00	19.85 -0.05 0.00	18.27 0.00 0.00	18.25 0.00 0.00	19.58 0.04 0.00	21.02 0.12 0.00	42.14 0.37 0.00	29.35 0.32 0.00	29.37 0.26 0.00	32.85 0.21 0.00	28.14 0.25 0.00	29.78 0.34 0.00	24.80 0.22 0.00	22.54 0.13 0.00	24.00 0.16 0.00	40.64 0.25 -0.44	33.20 0.42 -0.30	37.16 0.32 -0.42	48.16 0.41 -0.55	34.50 0.43 -0.04	59.96 0.32 -0.64	32.74 0.37 -0.12	39.96 0.55 -0.40	20.14 0.13 0.00
FREEPORT_EQUS_GT1 23764	24.18 2.22 0.00	21.96 2.05 0.00	20.12 1.85 0.00	20.06 1.82 0.00	21.50 1.97 0.00	23.06 2.16 0.00	45.86 4.09 0.00	32.24 3.20 0.00	59.63 3.38 -27.15	36.22 3.58 0.00	32.84 3.12 -1.83	38.16 3.29 -5.44	27.47 2.80 -0.08	24.79 2.38 0.00	26.43 2.60 0.00	44.64 4.20 -0.50	35.77 3.29 0.00	42.45 3.77 -2.26	51.81 4.61 0.00	37.77 3.73 0.00	66.29 6.48 -0.80	35.78 3.52 0.00	43.01 4.00 0.00	22.10 2.09 0.00
FREEPORT___CT2 23818	24.18 2.22 0.00	21.96 2.05 0.00	20.12 1.85 0.00	20.06 1.82 0.00	21.50 1.97 0.00	23.06 2.16 0.00	45.86 4.09 0.00	32.24 3.20 0.00	59.63 3.38 -27.15	36.22 3.58 0.00	32.84 3.12 -1.83	38.16 3.29 -5.44	27.47 2.80 -0.08	24.79 2.38 0.00	26.43 2.60 0.00	44.64 4.20 -0.50	35.77 3.29 0.00	42.45 3.77 -2.26	51.81 4.61 0.00	37.77 3.73 0.00	66.29 6.48 -0.80	35.78 3.52 0.00	43.01 4.00 0.00	22.10 2.09 0.00
FRESHKLS_33_KV_LOAD 356253	23.96 2.00 0.00	21.75 1.84 0.00	20.01 1.74 0.00	19.97 1.73 0.00	21.33 1.79 0.00	22.79 1.88 0.00	45.45 3.68 0.00	31.92 2.89 0.00	32.01 2.91 0.00	35.84 3.20 0.00	30.57 2.68 0.00	32.29 2.85 0.00	27.07 2.49 0.00	24.50 2.09 0.00	26.05 2.22 0.00	45.44 3.39 -2.11	37.06 3.03 -1.56	44.21 3.41 -4.39	53.90 4.06 -2.64	37.42 3.21 -0.17	67.27 5.40 -2.87	35.95 3.17 -0.53	44.24 3.42 -1.81	21.94 1.91 -0.03
FULTON COGEN____ 23766	21.67 -0.30 0.00	19.64 -0.26 0.00	18.02 -0.25 0.00	17.99 -0.25 0.00	19.28 -0.26 0.00	20.66 -0.24 0.00	41.37 -0.40 0.00	28.83 -0.20 0.00	28.89 -0.22 0.00	32.36 -0.28 0.00	27.63 -0.26 0.00	29.13 -0.31 0.00	24.30 -0.29 0.00	22.17 -0.24 0.00	23.54 -0.29 0.00	43.25 -0.40 -3.70	34.58 -0.37 -2.48	39.49 -0.34 -3.41	51.24 -0.41 -4.45	34.08 -0.27 -0.31	63.95 -0.30 -5.24	32.95 -0.28 -0.97	41.93 -0.38 -3.30	19.81 -0.23 -0.03

FULTON___LFGE 323630	23.95 1.98 0.00	21.91 2.01 0.00	19.93 1.66 0.00	19.90 1.65 0.00	21.36 1.83 0.00	22.79 1.89 0.00	45.97 4.20 0.00	32.33 3.30 0.00	32.27 3.17 0.00	35.96 3.31 0.00	30.66 2.77 0.00	31.95 2.51 0.00	26.69 2.11 0.00	24.34 1.92 0.00	25.42 1.59 0.00	42.65 2.71 0.00	34.53 2.05 0.00	43.58 4.04 -3.12	52.13 4.93 0.00	37.68 3.64 0.00	65.40 6.39 0.00	35.70 3.45 0.00	42.88 3.86 0.00	21.82 1.81 0.00
G.F.CEMENT___DRP 24184	23.20 1.24 0.00	20.93 1.02 0.00	19.17 0.90 0.00	19.17 0.92 0.00	20.62 1.09 0.00	22.15 1.25 0.00	44.30 2.53 0.00	30.88 1.84 0.00	30.97 1.86 0.00	34.69 2.05 0.00	29.64 1.75 0.00	31.30 1.86 0.00	26.20 1.61 0.00	23.88 1.47 0.00	25.36 1.52 0.00	44.20 2.59 -1.66	35.63 1.96 -1.20	43.42 2.58 -4.42	52.60 3.37 -2.03	36.76 2.59 -0.13	65.70 4.49 -2.21	34.88 2.22 -0.41	42.77 2.37 -1.39	21.31 1.28 -0.02
GARDENVILLE___LBMP 24039	21.44 -0.49 0.04	19.55 -0.35 0.00	17.84 -0.43 0.00	17.78 -0.46 0.00	19.14 -0.40 0.00	20.67 -0.24 0.00	41.55 -0.10 0.11	29.26 0.23 0.00	29.38 0.28 0.00	32.71 0.07 0.00	27.94 0.05 0.00	29.14 -0.30 0.00	24.21 -0.38 0.00	22.03 -0.38 0.00	23.56 -0.27 0.00	15.49 0.37 24.83	15.14 -0.08 17.26	13.21 -0.04 23.17	17.69 0.30 29.82	32.13 -0.05 1.86	28.75 0.75 31.00	26.44 -0.06 5.75	19.74 0.25 19.52	19.56 -0.12 0.34
GARDNVLA_35_KV_LD 355827	21.55 -0.37 0.04	19.66 -0.24 0.00	17.93 -0.34 0.00	17.87 -0.37 0.00	19.23 -0.30 0.00	20.77 -0.13 0.00	41.79 0.14 0.11	29.52 0.48 0.00	29.65 0.54 0.00	33.01 0.37 0.00	28.13 0.24 0.00	29.32 -0.12 0.00	24.36 -0.23 0.00	22.17 -0.24 0.00	23.71 -0.12 0.00	15.15 0.60 25.40	14.87 0.09 17.70	12.83 0.15 23.74	17.17 0.53 30.57	32.29 0.10 1.85	29.06 1.02 30.96	26.59 0.08 5.75	19.93 0.42 19.50	19.64 -0.04 0.34
GELCKHM___115KV_LOAD 80723	21.83 -0.14 0.00	19.78 -0.13 0.00	18.15 -0.12 0.00	18.12 -0.13 0.00	19.41 -0.13 0.00	20.82 -0.08 0.00	41.67 -0.10 0.00	29.07 0.04 0.00	29.13 0.03 0.00	32.65 0.00 0.00	27.87 -0.03 0.00	29.35 -0.09 0.00	24.50 -0.08 0.00	22.34 -0.07 0.00	23.76 -0.07 0.00	48.20 -0.05 -8.30	37.99 -0.07 -5.59	43.90 -0.03 -7.51	57.16 -0.02 -9.97	34.76 0.02 -0.70	70.88 0.22 -11.66	34.43 0.01 -2.16	46.32 -0.03 -7.34	20.04 -0.05 -0.07
GENERAL___MILLS 23808	21.51 -0.42 0.04	19.62 -0.28 0.00	17.90 -0.37 0.00	17.84 -0.40 0.00	19.20 -0.33 0.00	20.74 -0.16 0.00	41.72 0.05 0.09	29.41 0.37 0.00	29.54 0.44 0.00	32.89 0.25 0.00	28.06 0.17 0.00	29.25 -0.18 0.00	24.30 -0.28 0.00	22.12 -0.29 0.00	23.66 -0.18 0.00	15.16 0.51 25.29	14.91 0.02 17.58	12.91 0.08 23.59	17.28 0.44 30.37	32.23 0.05 1.85	28.93 0.90 30.98	26.53 0.03 5.75	19.86 0.35 19.51	19.61 -0.07 0.34
GE_PLASTICS___DRP 24183	22.66 0.70 0.00	20.50 0.59 0.00	18.87 0.60 0.00	18.86 0.61 0.00	20.20 0.66 0.00	21.56 0.66 0.00	43.05 1.28 0.00	30.01 0.98 0.00	30.05 0.94 0.00	33.71 1.06 0.00	28.78 0.89 0.00	30.33 0.89 0.00	25.37 0.78 0.00	23.14 0.73 0.00	24.63 0.79 0.00	42.91 1.29 -1.69	34.74 1.06 -1.21	42.04 1.28 -4.34	50.88 1.63 -2.06	35.44 1.27 -0.13	63.49 2.24 -2.24	33.74 1.07 -0.41	41.50 1.08 -1.41	20.67 0.64 -0.02
GILBOA___1 23756	22.87 0.91 0.00	20.71 0.80 0.00	19.03 0.76 0.00	19.01 0.76 0.00	20.36 0.82 0.00	21.76 0.86 0.00	43.46 1.69 0.00	30.34 1.31 0.00	30.40 1.30 0.00	34.10 1.46 0.00	29.11 1.22 0.00	30.68 1.24 0.00	25.66 1.08 0.00	23.40 0.99 0.00	24.90 1.06 0.00	41.66 1.72 0.00	33.87 1.39 0.00	40.26 1.67 -2.18	49.28 2.08 0.00	35.57 1.54 0.00	61.86 2.85 0.00	33.67 1.42 0.00	40.61 1.60 0.00	20.88 0.87 0.00
GILBOA___2 23757	22.87 0.91 0.00	20.71 0.80 0.00	19.03 0.76 0.00	19.01 0.76 0.00	20.36 0.82 0.00	21.76 0.86 0.00	43.46 1.69 0.00	30.34 1.31 0.00	30.40 1.30 0.00	34.10 1.46 0.00	29.11 1.22 0.00	30.68 1.24 0.00	25.66 1.08 0.00	23.40 0.99 0.00	24.90 1.06 0.00	41.66 1.72 0.00	33.87 1.39 0.00	40.26 1.67 -2.18	49.28 2.08 0.00	35.57 1.54 0.00	61.86 2.85 0.00	33.67 1.42 0.00	40.61 1.60 0.00	20.88 0.87 0.00
GILBOA___3 23758	22.87 0.91 0.00	20.71 0.80 0.00	19.03 0.76 0.00	19.01 0.76 0.00	20.36 0.82 0.00	21.76 0.86 0.00	43.46 1.69 0.00	30.34 1.31 0.00	30.40 1.30 0.00	34.10 1.46 0.00	29.11 1.22 0.00	30.68 1.24 0.00	25.66 1.08 0.00	23.40 0.99 0.00	24.90 1.06 0.00	41.66 1.72 0.00	33.87 1.39 0.00	40.26 1.67 -2.18	49.28 2.08 0.00	35.57 1.54 0.00	61.86 2.85 0.00	33.67 1.42 0.00	40.61 1.60 0.00	20.88 0.87 0.00
GILBOA___4 23759	22.87 0.91 0.00	20.71 0.80 0.00	19.03 0.76 0.00	19.01 0.76 0.00	20.36 0.82 0.00	21.76 0.86 0.00	43.46 1.69 0.00	30.34 1.31 0.00	30.40 1.30 0.00	34.10 1.46 0.00	29.11 1.22 0.00	30.68 1.24 0.00	25.66 1.08 0.00	23.40 0.99 0.00	24.90 1.06 0.00	41.66 1.72 0.00	33.87 1.39 0.00	40.26 1.67 -2.18	49.28 2.08 0.00	35.57 1.54 0.00	61.86 2.85 0.00	33.67 1.42 0.00	40.61 1.60 0.00	20.88 0.87 0.00
GILBOA___ 23599	22.87 0.91 0.00	20.71 0.80 0.00	19.03 0.76 0.00	19.01 0.76 0.00	20.37 0.83 0.00	21.76 0.86 0.00	43.46 1.69 0.00	30.34 1.31 0.00	30.41 1.30 0.00	34.10 1.46 0.00	29.11 1.22 0.00	30.68 1.24 0.00	25.66 1.08 0.00	23.40 0.99 0.00	24.90 1.06 0.00	43.92 1.71 -2.27	35.50 1.39 -1.63	42.48 1.67 -4.40	52.05 2.09 -2.76	35.75 1.53 -0.18	64.87 2.86 -3.00	34.23 1.42 -0.56	42.50 1.60 -1.89	20.91 0.87 -0.03
GINNA___ 23603	20.43 -1.47 0.06	18.60 -1.30 0.01	16.99 -1.26 0.02	16.96 -1.28 0.01	18.19 -1.31 0.04	19.49 -1.25 0.16	39.34 -2.17 0.26	27.70 -1.24 0.08	27.84 -1.20 0.06	31.05 -1.53 0.07	26.51 -1.33 0.05	27.80 -1.63 0.00	23.13 -1.45 0.00	21.02 -1.39 0.00	22.40 -1.43 0.00	-32.90 -1.79 71.05	-17.63 -1.68 48.43	-28.57 -1.85 63.14	-40.68 -2.09 85.79	26.55 -1.60 5.88	-41.27 -2.09 98.19	12.51 -1.53 18.21	-24.47 -1.66 61.83	18.23 -1.08 0.69
GLEN PARK___ 23778	21.87 -0.09 0.00	19.92 0.01 0.00	18.27 0.00 0.00	18.24 -0.01 0.00	19.58 0.04 0.00	21.04 0.14 0.00	42.34 0.57 0.00	29.38 0.34 0.00	29.17 0.07 0.00	32.54 -0.10 0.00	27.74 -0.15 0.00	29.14 -0.30 0.00	24.00 -0.58 0.00	21.78 -0.63 0.00	22.98 -0.85 0.00	38.78 -1.16 0.00	31.52 -0.96 0.00	35.97 -0.59 -0.14	46.68 -0.52 0.00	33.96 -0.07 0.00	59.55 0.55 0.00	32.57 0.32 0.00	39.35 0.34 0.00	20.04 0.03 0.00
GLENDALE_27_KV_LOAD 356172	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.68 0.00	19.90 1.66 0.00	21.27 1.73 0.00	22.73 1.83 0.00	45.45 3.67 0.00	31.88 2.85 0.00	32.06 2.96 0.00	35.93 3.28 0.00	30.66 2.77 0.00	32.35 2.91 0.00	27.12 2.54 0.00	24.68 2.27 0.00	26.25 2.41 0.00	45.92 3.80 -2.17	37.11 3.06 -1.56	44.36 3.56 -4.39	54.26 4.42 -2.64	37.51 3.31 -0.17	67.71 5.84 -2.87	35.91 3.12 -0.53	44.27 3.45 -1.81	21.86 1.83 -0.03

GLENWOOD_IC_1_G5 23712	24.02 2.06 0.00	21.79 1.88 0.00	20.00 1.73 0.00	19.95 1.71 0.00	21.37 1.83 0.00	22.89 1.98 0.00	45.62 3.85 0.00	32.02 2.99 0.00	59.37 3.12 -27.15	36.03 3.38 0.00	32.65 2.93 -1.83	37.88 3.00 -5.44	27.32 2.65 -0.08	24.72 2.31 0.00	26.32 2.49 0.00	46.64 4.03 -2.67	37.21 3.17 -1.56	44.46 3.65 -4.39	54.27 4.43 -2.64	37.63 3.42 -0.18	68.64 5.96 -3.67	36.05 3.26 -0.53	44.49 3.67 -1.81	21.97 1.93 -0.03
GLENWOOD_IC_2_G1 23688	23.92 1.96 0.00	21.68 1.78 0.00	19.92 1.65 0.00	19.87 1.63 0.00	21.27 1.74 0.00	22.77 1.87 0.00	45.41 3.64 0.00	31.85 2.82 0.00	59.18 2.93 -27.15	35.85 3.20 0.00	32.48 2.75 -1.83	37.76 2.88 -5.44	27.16 2.49 -0.08	24.60 2.18 0.00	26.19 2.35 0.00	44.20 3.76 -0.50	35.47 2.99 0.00	42.15 3.47 -2.26	51.53 4.33 0.00	37.36 3.32 0.00	65.63 5.82 -0.80	35.38 3.13 0.00	42.47 3.46 0.00	21.84 1.83 0.00
GLENWOOD_IC_3_G1 23689	23.92 1.96 0.00	21.68 1.78 0.00	19.92 1.65 0.00	19.87 1.63 0.00	21.27 1.74 0.00	22.77 1.87 0.00	45.41 3.64 0.00	31.85 2.82 0.00	59.18 2.93 -27.15	35.85 3.20 0.00	32.48 2.75 -1.83	37.76 2.88 -5.44	27.16 2.49 -0.08	24.60 2.18 0.00	26.19 2.35 0.00	44.20 3.76 -0.50	35.47 2.99 0.00	42.15 3.47 -2.26	51.53 4.33 0.00	37.36 3.32 0.00	65.63 5.82 -0.80	35.38 3.13 0.00	42.47 3.46 0.00	21.84 1.83 0.00
GLENWOOD___4 23550	24.02 2.06 0.00	21.79 1.88 0.00	20.00 1.73 0.00	19.95 1.71 0.00	21.37 1.83 0.00	22.89 1.98 0.00	45.62 3.85 0.00	32.02 2.99 0.00	59.37 3.12 -27.15	36.03 3.38 0.00	32.65 2.93 -1.83	37.90 3.02 -5.44	27.32 2.65 -0.08	24.72 2.31 0.00	26.32 2.49 0.00	46.64 4.03 -2.67	37.21 3.17 -1.56	44.46 3.66 -4.39	54.34 4.49 -2.64	37.68 3.47 -0.18	68.73 6.06 -3.67	36.08 3.29 -0.53	44.49 3.67 -1.81	21.97 1.93 -0.03
GLENWOOD___5 23614	24.02 2.06 0.00	21.79 1.88 0.00	20.00 1.73 0.00	19.95 1.71 0.00	21.37 1.83 0.00	22.89 1.98 0.00	45.62 3.85 0.00	32.02 2.99 0.00	59.37 3.12 -27.15	36.03 3.38 0.00	32.65 2.93 -1.83	37.90 3.02 -5.44	27.32 2.65 -0.08	24.72 2.31 0.00	26.32 2.49 0.00	46.64 4.03 -2.67	37.21 3.17 -1.56	44.46 3.66 -4.39	54.34 4.49 -2.64	37.68 3.47 -0.18	68.73 6.06 -3.67	36.08 3.29 -0.53	44.49 3.67 -1.81	21.97 1.93 -0.03
GLOBAL GREEN_PORT_GT1 23814	24.81 2.85 0.00	22.54 2.63 0.00	20.64 2.37 0.00	20.60 2.36 0.00	22.11 2.58 0.00	23.79 2.88 0.00	47.19 5.42 0.00	33.24 4.21 0.00	60.70 4.45 -27.15	36.96 4.31 0.00	33.46 3.74 -1.83	38.74 3.86 -5.44	27.81 3.14 -0.08	24.98 2.57 0.00	26.73 2.90 0.00	45.46 5.02 -0.50	36.39 3.91 0.00	43.19 4.51 -2.26	52.98 5.78 0.00	38.58 4.54 0.00	67.84 8.03 -0.80	36.57 4.31 0.00	43.98 4.97 0.00	22.59 2.58 0.00
GLOBE___DSASP 323697	20.56 -1.36 0.04	18.76 -1.15 0.00	17.11 -1.16 0.00	17.06 -1.19 0.00	18.33 -1.20 0.00	19.80 -1.10 0.00	39.74 -1.95 0.08	27.82 -1.21 0.00	27.87 -1.24 0.00	31.01 -1.64 0.00	26.50 -1.39 0.00	27.66 -1.77 0.00	23.00 -1.58 0.00	20.93 -1.48 0.00	22.36 -1.48 0.00	7.93 -1.70 30.31	9.82 -1.72 20.95	6.37 -1.89 28.16	8.98 -1.99 36.23	30.03 -1.63 2.38	17.02 -2.28 39.70	23.21 -1.68 7.36	12.33 -1.69 25.00	18.55 -1.10 0.36
GOETHSLN___LBMP 323567	23.70 1.73 0.00	21.47 1.57 0.00	19.77 1.50 0.00	19.73 1.48 0.00	21.08 1.54 0.00	22.54 1.64 0.00	45.01 3.24 0.00	31.54 2.51 0.00	31.70 2.60 0.00	35.56 2.91 0.00	30.31 2.42 0.00	31.98 2.55 0.00	26.83 2.25 0.00	24.42 2.01 0.00	25.97 2.13 0.00	45.42 3.30 -2.17	36.71 2.67 -1.56	43.92 3.11 -4.39	53.67 3.84 -2.64	37.09 2.88 -0.17	66.99 5.11 -2.87	35.53 2.74 -0.53	43.81 2.99 -1.81	21.65 1.61 -0.03
GOLAH___69_KV_TB 1_2 80279	21.49 -0.42 0.05	19.57 -0.33 0.00	17.90 -0.37 0.00	17.83 -0.42 0.00	19.16 -0.37 0.00	20.73 -0.18 0.00	41.69 -0.03 0.05	29.33 0.29 0.00	29.36 0.25 0.00	32.70 0.05 0.00	27.92 0.03 0.00	29.17 -0.27 0.00	24.27 -0.31 0.00	22.04 -0.37 0.00	23.49 -0.35 0.00	-6.53 0.12 46.59	0.10 -0.17 32.21	-6.18 -0.12 42.48	-8.92 0.21 56.34	30.21 0.00 3.83	-4.07 0.84 63.92	20.46 0.06 11.86	-1.00 0.24 40.25	19.43 -0.11 0.47
GOODYEAR_LAKE_HYD 323669	23.19 1.23 0.00	21.00 1.09 0.00	19.24 0.97 0.00	19.21 0.96 0.00	20.58 1.05 0.00	22.11 1.21 0.00	44.35 2.58 -0.01	30.97 1.93 0.00	31.08 1.97 0.00	34.82 2.17 0.00	29.69 1.80 0.00	31.21 1.77 0.00	26.07 1.49 0.00	23.74 1.33 0.00	25.23 1.40 0.00	46.55 2.28 -4.33	37.56 1.92 -3.16	43.69 2.24 -5.03	55.53 2.91 -5.42	36.53 2.13 -0.36	68.86 3.91 -5.94	35.43 2.07 -1.10	45.16 2.40 -3.74	21.24 1.18 -0.05
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.62 0.66 0.00	20.48 0.58 0.00	18.79 0.52 0.00	18.78 0.53 0.00	20.11 0.57 0.00	21.58 0.68 0.00	43.23 1.44 -0.02	30.20 1.17 0.00	30.30 1.19 0.00	33.93 1.29 0.00	28.96 1.07 0.00	30.43 0.99 0.00	25.40 0.82 0.00	23.17 0.76 0.00	24.68 0.85 0.00	49.82 1.61 -8.27	39.61 1.09 -6.04	47.00 1.32 -9.25	59.25 1.66 -10.39	35.99 1.28 -0.67	72.76 2.54 -11.21	35.55 1.22 -2.08	47.55 1.48 -7.06	20.82 0.71 -0.10
GOUDEY___7 23579	22.63 0.67 0.00	20.50 0.60 0.00	18.80 0.53 0.00	18.79 0.54 0.00	20.13 0.59 0.00	21.60 0.70 0.00	43.27 1.48 -0.02	30.23 1.19 0.00	30.33 1.22 0.00	33.96 1.32 0.00	28.98 1.10 0.00	30.45 1.02 0.00	25.42 0.84 0.00	23.19 0.78 0.00	24.70 0.87 0.00	49.86 1.64 -8.27	39.64 1.12 -6.04	47.03 1.36 -9.25	59.29 1.70 -10.39	36.02 1.32 -0.67	72.81 2.59 -11.21	35.58 1.24 -2.08	47.59 1.52 -7.06	20.83 0.72 -0.10
GOUDEY___8 23580	22.62 0.66 0.00	20.48 0.58 0.00	18.79 0.52 0.00	18.78 0.53 0.00	20.11 0.57 0.00	21.58 0.68 0.00	43.23 1.44 -0.02	30.20 1.17 0.00	30.30 1.19 0.00	33.93 1.29 0.00	28.96 1.07 0.00	30.43 0.99 0.00	25.40 0.82 0.00	23.17 0.76 0.00	24.68 0.85 0.00	49.82 1.61 -8.27	39.61 1.09 -6.04	47.00 1.32 -9.25	59.25 1.66 -10.39	35.99 1.28 -0.67	72.76 2.54 -11.21	35.55 1.22 -2.08	47.55 1.48 -7.06	20.82 0.71 -0.10
GOWANUS_GT1_1 24077	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT1_2 24078	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00

GOWANUS_GT1_3 24079	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT1_4 24080	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT1_5 24084	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT1_6 24111	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT1_7 24112	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT1_8 24113	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 0.00	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT2_1 24114	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT2_2 24115	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT2_3 24116	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT2_4 24117	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT2_5 24118	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT2_6 24119	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT2_7 24120	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT2_8 24121	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT3_1 24122	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00

GOWANUS_GT3_2 24123	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT3_3 24124	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT3_4 24125	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT3_5 24126	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT3_6 24127	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT3_7 24128	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT3_8 24129	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT4_1 24130	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT4_2 24131	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT4_3 24132	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT4_4 24133	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT4_5 24134	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT4_6 24135	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT4_7 24136	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
GOWANUS_GT4_8 24137	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00

GREENBSH_115KV_TB3 55895	22.52 0.56 0.00	20.35 0.45 0.00	18.77 0.50 0.00	18.75 0.50 0.00	20.08 0.55 0.00	21.43 0.52 0.00	42.76 0.99 0.00	29.80 0.77 0.00	29.83 0.72 0.00	33.46 0.82 0.00	28.57 0.68 0.00	30.12 0.68 0.00	25.19 0.61 0.00	22.99 0.58 0.00	24.46 0.62 0.00	42.65 1.02 -1.69	34.53 0.85 -1.21	41.84 1.07 -4.35	50.59 1.34 -2.06	35.26 1.09 -0.13	63.11 1.86 -2.24	33.51 0.84 -0.41	41.18 0.76 -1.41	20.52 0.49 -0.02
GREENDGE_115KV_TB5 80291	22.31 0.31 -0.04	20.24 0.33 0.00	18.52 0.25 0.00	18.51 0.26 0.00	19.85 0.31 0.00	21.33 0.43 0.00	42.82 0.90 -0.15	30.12 1.08 0.00	30.20 1.09 0.00	33.68 1.04 0.00	28.73 0.84 0.00	30.06 0.62 0.00	25.04 0.46 0.00	22.85 0.44 0.00	24.37 0.53 0.00	162.16 1.08 -121.13	114.72 0.61 -81.63	145.62 0.76 -108.43	194.17 1.19 -145.77	45.16 1.01 -10.11	230.06 2.08 -168.97	64.54 0.94 -31.35	146.51 1.09 -106.40	21.69 0.51 -1.17
GREENIDGE___3 23582	22.31 0.31 -0.04	20.24 0.33 0.00	18.52 0.25 0.00	18.51 0.26 0.00	19.85 0.31 0.00	21.33 0.43 0.00	42.82 0.90 -0.15	30.12 1.08 0.00	30.20 1.09 0.00	33.68 1.04 0.00	28.73 0.84 0.00	30.06 0.62 0.00	25.04 0.46 0.00	22.85 0.44 0.00	24.37 0.53 0.00	162.16 1.08 -121.13	114.72 0.61 -81.63	145.62 0.76 -108.43	194.17 1.19 -145.77	45.16 1.01 -10.11	230.06 2.08 -168.97	64.54 0.94 -31.35	146.51 1.09 -106.40	21.69 0.51 -1.17
GREENIDGE___4 23583	22.31 0.31 -0.04	20.24 0.33 0.00	18.52 0.25 0.00	18.51 0.26 0.00	19.85 0.31 0.00	21.33 0.43 0.00	43.77 0.91 -1.09	30.11 1.07 0.00	30.21 1.11 0.00	33.67 1.03 0.00	28.72 0.84 0.00	30.06 0.63 0.00	25.04 0.45 0.00	22.85 0.44 0.00	24.37 0.54 0.00	161.76 1.10 -120.72	115.40 0.62 -82.30	145.55 0.76 -108.37	194.16 1.19 -145.77	45.16 1.01 -10.11	230.06 2.09 -168.97	64.54 0.94 -31.35	146.51 1.09 -106.40	21.69 0.51 -1.17
GREENLWN_69_KV_BK 3 55738	24.11 2.15 0.00	21.93 2.03 0.00	20.08 1.81 0.00	20.03 1.78 0.00	21.48 1.94 0.00	23.02 2.12 0.00	45.75 3.98 0.00	32.13 3.09 0.00	59.56 3.30 -27.15	36.05 3.40 0.00	32.66 2.94 -1.83	38.01 3.13 -5.44	27.31 2.64 -0.08	24.64 2.23 0.00	26.26 2.43 0.00	46.66 4.05 -2.67	37.10 3.06 -1.56	44.39 3.58 -4.39	54.36 4.52 -2.64	37.81 3.59 -0.18	68.86 6.18 -3.67	36.11 3.32 -0.53	44.61 3.79 -1.81	22.02 1.99 -0.03
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.91 1.95 0.00	21.68 1.77 0.00	19.94 1.68 0.00	19.90 1.66 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.62 2.73 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	45.83 3.71 -2.17	37.06 3.02 -1.56	44.30 3.50 -4.39	54.14 4.30 -2.64	37.45 3.25 -0.17	67.58 5.70 -2.87	35.90 3.11 -0.53	44.25 3.43 -1.81	21.88 1.84 -0.03
GRISSOM___SOLAR 323813	23.95 1.98 0.00	21.91 2.01 0.00	19.93 1.66 0.00	19.90 1.65 0.00	21.36 1.83 0.00	22.79 1.89 0.00	45.97 4.20 0.00	32.33 3.30 0.00	32.27 3.17 0.00	35.96 3.31 0.00	30.66 2.77 0.00	31.95 2.51 0.00	26.69 2.11 0.00	24.34 1.92 0.00	25.42 1.59 0.00	42.65 2.71 0.00	34.53 2.05 -3.12	43.58 4.04 0.00	52.13 4.93 0.00	37.68 3.64 0.00	65.40 6.39 0.00	35.70 3.45 0.00	42.88 3.86 0.00	21.82 1.81 0.00
GROVEVILLE___HYD 323602	23.90 1.94 0.00	21.64 1.73 0.00	19.88 1.61 0.00	19.86 1.61 0.00	21.25 1.71 0.00	22.74 1.84 0.00	45.49 3.72 0.00	31.87 2.84 0.00	32.00 2.89 0.00	35.89 3.24 0.00	30.59 2.70 0.00	32.24 2.80 0.00	26.97 2.38 0.00	24.57 2.15 0.00	26.12 2.29 0.00	45.77 3.66 -2.17	37.02 2.99 -1.56	44.33 3.53 -4.39	54.33 4.49 -2.63	37.61 3.40 -0.17	67.92 6.06 -2.87	36.00 3.22 -0.53	44.36 3.55 -1.81	21.90 1.86 -0.03
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.98 0.02 0.00	19.92 0.01 0.00	18.28 0.00 0.00	18.24 -0.01 0.00	19.54 0.00 0.00	20.98 0.07 0.00	41.99 0.22 0.00	29.30 0.27 0.00	29.35 0.25 0.00	32.91 0.27 0.00	28.07 0.18 0.00	29.55 0.11 0.00	24.68 0.10 0.00	22.49 0.08 0.00	23.93 0.09 0.00	54.72 0.28 -14.50	42.47 0.21 -9.79	49.74 0.28 -13.04	65.05 0.41 -17.43	35.59 0.33 -1.22	80.10 0.78 -20.31	36.33 0.30 -3.77	52.10 0.30 -12.79	20.26 0.11 -0.13
HAMLTNNY_34_KV_TB 80303	22.07 0.10 0.00	19.98 0.07 0.00	18.32 0.05 0.00	18.31 0.06 0.00	19.62 0.08 0.00	21.07 0.17 0.00	42.23 0.46 0.00	29.51 0.48 0.00	29.54 0.44 0.00	33.13 0.49 0.00	28.24 0.35 0.00	29.71 0.27 0.00	24.82 0.24 0.00	22.62 0.21 0.00	24.06 0.22 0.00	56.85 0.47 -16.44	43.90 0.34 -11.08	51.55 0.40 -14.73	67.57 0.62 -19.76	35.90 0.49 -1.38	83.16 1.10 -23.06	36.97 0.44 -4.28	54.02 0.49 -14.52	20.34 0.18 -0.15
HAMPSHIRE___PAPER_HYD 323593	21.37 -0.59 0.00	19.38 -0.53 0.00	17.78 -0.49 0.00	17.75 -0.50 0.00	19.04 -0.50 0.00	20.41 -0.49 0.00	40.95 -0.82 0.00	28.34 -0.70 0.00	28.27 -0.84 0.00	31.60 -1.04 0.00	27.01 -0.88 0.00	28.48 -0.96 0.00	23.64 -0.94 0.00	21.49 -0.92 0.00	22.74 -1.09 0.00	38.12 -1.82 0.00	31.12 -1.36 0.00	35.15 -1.34 -0.07	45.58 -1.62 0.00	32.97 -1.07 0.00	57.05 -1.96 0.00	31.44 -0.82 0.00	38.06 -0.96 0.00	19.42 -0.59 0.00
HARDSCRABBLE_WT_PWR 323673	22.00 0.04 0.00	20.00 0.10 0.00	18.40 0.13 0.00	18.41 0.16 0.00	19.71 0.17 0.00	20.99 0.08 0.00	41.96 0.20 0.00	29.31 0.28 0.00	29.32 0.21 0.00	32.85 0.21 0.00	28.05 0.17 0.00	29.58 0.15 0.00	24.68 0.10 0.00	22.55 0.14 0.00	23.93 0.09 0.00	40.15 0.21 0.00	32.46 -0.02 0.00	36.78 0.32 -0.04	47.64 0.44 0.00	34.47 0.43 0.00	60.02 1.01 0.00	32.60 0.35 0.00	39.12 0.10 0.00	20.06 0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.71 1.75 0.00	21.49 1.58 0.00	19.75 1.48 0.00	19.72 1.47 0.00	21.10 1.56 0.00	22.55 1.64 0.00	45.08 3.30 0.00	31.53 2.50 0.00	31.67 2.56 0.00	35.53 2.88 0.00	30.28 2.39 0.00	31.92 2.48 0.00	26.73 2.15 0.00	24.34 1.93 0.00	25.87 2.04 0.00	45.46 3.25 -2.27	36.79 2.68 -1.63	43.96 3.14 -4.40	53.92 3.97 -2.76	37.19 2.98 -0.18	67.35 5.34 -3.00	35.68 2.87 -0.56	44.07 3.16 -1.89	21.68 1.64 -0.03
HARSNRAD_115KV_TB1 81005	20.93 -0.99 0.04	19.09 -0.81 0.00	17.42 -0.85 0.00	17.36 -0.88 0.00	18.67 -0.86 0.00	20.17 -0.73 0.00	40.58 -1.11 0.08	28.50 -0.53 0.00	28.60 -0.50 0.00	31.82 -0.82 0.00	27.20 -0.69 0.00	28.36 -1.07 0.00	23.57 -1.01 0.00	21.44 -0.97 0.00	22.90 -0.93 0.00	7.50 -0.41 32.03	9.61 -0.68 22.19	6.03 -0.72 29.66	8.15 -0.56 38.49	30.58 -0.92 2.53	16.04 -0.73 42.24	23.54 -0.88 7.84	11.68 -0.73 26.60	19.01 -0.62 0.38
HARZA MOOSE___RIVER 24016	22.21 0.24 0.00	20.18 0.27 0.00	18.51 0.24 0.00	18.48 0.24 0.00	19.82 0.28 0.00	21.21 0.31 0.00	42.59 0.82 0.00	29.61 0.58 0.00	29.61 0.50 0.00	33.08 0.44 0.00	28.24 0.35 0.00	29.70 0.27 0.00	24.68 0.10 0.00	22.50 0.09 0.00	23.81 -0.03 0.00	41.57 -0.06 -1.69	33.69 0.04 -1.18	38.23 0.18 -1.64	49.66 0.35 -2.11	34.55 0.37 -0.15	62.47 1.01 -2.45	33.25 0.55 -0.45	41.16 0.60 -1.54	20.25 0.22 -0.02

HDSNBRDG_115KV_BRDG_TB1 355580	21.88 -0.09 0.00	19.83 -0.07 0.00	18.19 -0.08 0.00	18.18 -0.07 0.00	19.47 -0.07 0.00	20.87 -0.04 0.00	41.78 0.01 0.00	29.14 0.11 0.00	29.21 0.11 0.00	32.75 0.10 0.00	27.95 0.07 0.00	29.43 -0.01 0.00	24.57 -0.02 0.00	22.40 -0.01 0.00	23.84 0.00 0.00	45.18 0.08 -5.16	35.95 0.01 -3.47	41.25 0.07 -4.76	53.48 0.09 -6.20	34.56 0.09 -0.43	66.60 0.35 -7.24	33.67 0.07 -1.34	43.60 0.02 -4.56	20.04 -0.01 -0.05
HELLGATE_13_KV_LD 55870	23.82 1.86 0.00	21.59 1.69 0.00	19.89 1.62 0.00	19.84 1.59 0.00	21.19 1.65 0.00	22.65 1.74 0.00	45.26 3.49 0.00	31.74 2.71 0.00	31.91 2.80 0.00	35.76 3.11 0.00	30.51 2.63 0.00	32.20 2.76 0.00	26.99 2.41 0.00	24.57 2.16 0.00	26.13 2.30 0.00	45.70 3.59 -2.17	36.93 2.90 -1.56	44.17 3.37 -4.39	54.00 4.16 -2.64	37.34 3.13 -0.17	67.41 5.54 -2.87	35.74 2.95 -0.53	44.08 3.26 -1.81	21.78 1.74 -0.03
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.82 1.86 0.00	21.59 1.69 0.00	19.89 1.62 0.00	19.84 1.59 0.00	21.19 1.65 0.00	22.65 1.74 0.00	45.26 3.49 0.00	31.74 2.71 0.00	31.91 2.80 0.00	35.76 3.11 0.00	30.51 2.63 0.00	32.20 2.76 0.00	26.99 2.41 0.00	24.57 2.16 0.00	26.13 2.30 0.00	45.70 3.59 -2.17	36.93 2.90 -1.56	44.17 3.37 -4.39	54.00 4.16 -2.64	37.34 3.13 -0.17	67.41 5.54 -2.87	35.74 2.95 -0.53	44.08 3.26 -1.81	21.78 1.74 -0.03
HEMPSTEAD____ 23647	24.03 2.06 0.00	21.79 1.89 0.00	19.98 1.71 0.00	19.93 1.69 0.00	21.36 1.82 0.00	22.90 2.00 0.00	45.59 3.82 0.00	32.04 3.01 0.00	59.43 3.18 -27.15	36.03 3.38 0.00	32.66 2.94 -1.83	37.96 3.08 -5.44	27.32 2.65 -0.08	24.68 2.27 0.00	26.30 2.47 0.00	44.42 3.98 -0.50	35.58 3.10 0.00	42.27 3.60 -2.26	51.63 4.43 0.00	37.53 3.49 0.00	65.88 6.07 -0.80	35.54 3.29 0.00	42.73 3.71 0.00	21.95 1.94 0.00
HEWLETT__69_KV_BK3 55828	24.18 2.21 0.00	22.00 2.10 0.00	20.17 1.90 0.00	20.11 1.87 0.00	21.55 2.01 0.00	23.05 2.15 0.00	45.88 4.11 0.00	32.24 3.20 0.00	59.63 3.38 -27.15	36.24 3.59 0.00	32.85 3.13 -1.83	38.23 3.35 -5.44	27.50 2.84 -0.08	24.84 2.42 0.00	26.49 2.65 0.00	46.93 4.32 -2.67	37.22 3.18 -1.56	44.53 3.73 -4.39	54.45 4.61 -2.64	37.85 3.64 -0.18	68.98 6.30 -3.67	36.37 3.58 -0.53	44.81 3.99 -1.81	22.12 2.09 -0.03
HICKLING__1 23621	22.88 0.92 0.00	20.67 0.76 0.00	18.93 0.66 0.00	18.93 0.68 0.00	20.27 0.73 0.00	21.85 0.94 0.00	43.86 2.04 -0.05	30.79 1.76 0.00	30.90 1.79 0.00	34.53 1.89 0.00	29.46 1.58 0.00	30.82 1.38 0.00	25.69 1.11 0.00	23.47 1.06 0.00	25.05 1.22 0.00	67.80 2.47 -25.38	50.37 1.61 -16.28	62.01 1.93 -23.66	79.67 2.44 -30.03	37.93 1.85 -2.05	96.84 3.62 -34.21	40.33 1.73 -6.35	62.73 2.17 -21.55	21.31 1.00 -0.30
HICKLING__2 23622	22.88 0.92 0.00	20.67 0.76 0.00	18.93 0.66 0.00	18.93 0.68 0.00	20.27 0.73 0.00	21.85 0.94 0.00	43.86 2.04 -0.05	30.79 1.76 0.00	30.90 1.79 0.00	34.53 1.89 0.00	29.46 1.58 0.00	30.82 1.38 0.00	25.69 1.11 0.00	23.47 1.06 0.00	25.05 1.22 0.00	67.80 2.47 -25.38	50.37 1.61 -16.28	62.01 1.93 -23.66	79.67 2.44 -30.03	37.93 1.85 -2.05	96.84 3.62 -34.21	40.33 1.73 -6.35	62.73 2.17 -21.55	21.31 1.00 -0.30
HIGH FALLS__HY 23754	24.54 2.57 0.00	22.33 2.43 0.00	20.48 2.21 0.00	20.44 2.20 0.00	21.86 2.33 0.00	23.34 2.44 0.00	46.82 5.04 0.00	32.85 3.82 0.00	32.98 3.88 0.00	37.00 4.36 0.00	31.53 3.64 0.00	33.17 3.73 0.00	27.62 3.04 0.00	25.12 2.71 0.00	26.69 2.86 0.00	46.71 4.59 -2.18	37.92 3.87 -1.57	45.37 4.55 -4.40	55.75 5.90 -2.64	38.72 4.51 -0.17	70.01 8.12 -2.88	37.17 4.38 -0.53	45.72 4.89 -1.81	22.51 2.48 -0.03
HILLBURN__GT 23639	23.68 1.72 0.00	21.50 1.59 0.00	19.76 1.49 0.00	19.73 1.48 0.00	21.09 1.56 0.00	22.51 1.61 0.00	45.03 3.26 0.00	31.48 2.45 0.00	31.61 2.50 0.00	35.46 2.82 0.00	30.23 2.35 0.00	31.87 2.43 0.00	26.71 2.12 0.00	24.33 1.92 0.00	25.87 2.03 0.00	43.15 3.21 0.00	35.09 2.61 0.00	41.66 3.04 -2.20	51.02 3.82 0.00	36.89 2.85 0.00	64.14 5.13 0.00	35.00 2.75 0.00	42.01 3.00 0.00	21.57 1.56 0.00
HILLSIDE_115KV_TB1 80332	22.63 0.66 0.00	20.47 0.56 0.00	18.76 0.49 0.00	18.78 0.53 0.00	20.09 0.55 0.00	21.59 0.69 0.00	43.23 1.42 -0.04	30.31 1.28 0.00	30.42 1.31 0.00	34.03 1.39 0.00	29.05 1.16 0.00	30.43 0.99 0.00	25.40 0.81 0.00	23.21 0.80 0.00	24.79 0.96 0.00	66.32 1.98 -24.40	48.34 1.19 -14.67	60.15 1.42 -22.31	76.84 1.70 -27.93	37.25 1.33 -1.88	93.16 2.67 -31.49	39.33 1.24 -5.84	60.43 1.59 -19.83	20.99 0.72 -0.26
HISHELDN_WT_PWR 323625	21.58 -0.35 0.03	19.66 -0.25 0.00	17.93 -0.34 0.00	17.88 -0.37 0.00	19.23 -0.31 0.00	20.75 -0.16 0.00	40.18 -0.01 1.58	29.35 0.32 0.00	29.50 0.40 0.00	32.83 0.18 0.00	28.01 0.12 0.00	29.24 -0.19 0.00	24.31 -0.28 0.00	22.14 -0.27 0.00	23.67 -0.16 0.00	25.80 0.55 14.70	22.53 0.07 10.01	23.90 0.14 12.66	29.96 0.49 17.73	33.08 0.12 1.08	41.97 1.01 18.04	29.02 0.11 3.35	28.09 0.44 11.36	20.27 0.01 -0.26
HOLTSVILLE_IC_1 23690	24.26 2.30 0.00	22.06 2.16 0.00	20.19 1.92 0.00	20.14 1.89 0.00	21.60 2.06 0.00	23.18 2.28 0.00	45.92 4.15 0.00	32.26 3.23 0.00	59.71 3.45 -27.15	36.06 3.42 0.00	32.69 2.97 -1.83	38.02 3.14 -5.44	27.30 2.63 -0.08	24.55 2.14 0.00	26.24 2.40 0.00	44.47 4.03 -0.50	35.58 3.10 0.00	42.26 3.58 -2.26	51.69 4.49 0.00	37.69 3.65 0.00	66.05 6.24 -0.80	35.63 3.38 0.00	42.89 3.88 0.00	22.10 2.09 0.00
HOLTSVILLE_IC_10 23699	24.38 2.42 0.00	22.13 2.22 0.00	20.25 1.98 0.00	20.20 1.95 0.00	21.67 2.13 0.00	23.30 2.39 0.00	46.16 4.39 0.00	32.45 3.41 0.00	59.90 3.64 -27.15	36.25 3.60 0.00	32.85 3.12 -1.83	38.17 3.29 -5.44	27.42 2.75 -0.08	24.66 2.24 0.00	26.36 2.52 0.00	44.70 4.25 -0.50	35.77 3.29 0.00	42.45 3.78 -2.26	51.97 4.77 0.00	37.90 3.86 0.00	66.43 6.62 -0.80	35.83 3.58 0.00	43.12 4.11 0.00	22.21 2.20 0.00
HOLTSVILLE_IC_2 23691	24.26 2.30 0.00	22.06 2.16 0.00	20.19 1.92 0.00	20.14 1.89 0.00	21.60 2.06 0.00	23.18 2.28 0.00	45.92 4.15 0.00	32.26 3.23 0.00	59.71 3.45 -27.15	36.06 3.42 0.00	32.69 2.97 -1.83	38.02 3.14 -5.44	27.30 2.63 -0.08	24.55 2.14 0.00	26.24 2.40 0.00	44.47 4.03 -0.50	35.58 3.10 0.00	42.26 3.58 -2.26	51.69 4.49 0.00	37.69 3.65 0.00	66.05 6.24 -0.80	35.63 3.38 0.00	42.89 3.88 0.00	22.10 2.09 0.00
HOLTSVILLE_IC_3 23692	24.26 2.30 0.00	22.06 2.16 0.00	20.19 1.92 0.00	20.14 1.89 0.00	21.60 2.06 0.00	23.18 2.28 0.00	45.92 4.15 0.00	32.26 3.23 0.00	59.71 3.45 -27.15	36.06 3.42 0.00	32.69 2.97 -1.83	38.02 3.14 -5.44	27.30 2.63 -0.08	24.55 2.14 0.00	26.24 2.40 0.00	44.47 4.03 -0.50	35.58 3.10 0.00	42.26 3.58 -2.26	51.69 4.49 0.00	37.69 3.65 0.00	66.05 6.24 -0.80	35.63 3.38 0.00	42.89 3.88 0.00	22.10 2.09 0.00

HOLTSVILLE_IC_4 23693	24.26 2.30 0.00	22.06 2.16 0.00	20.19 1.92 0.00	20.14 1.89 0.00	21.60 2.06 0.00	23.18 2.28 0.00	45.92 4.15 0.00	32.26 3.23 0.00	59.71 3.45 -27.15	36.06 3.42 0.00	32.69 2.97 -1.83	38.02 3.14 -5.44	27.30 2.63 -0.08	24.55 2.14 0.00	26.24 2.40 0.00	44.47 4.03 -0.50	35.58 3.10 0.00	42.26 3.58 -2.26	51.69 4.49 0.00	37.69 3.65 0.00	66.05 6.24 -0.80	35.63 3.38 0.00	42.89 3.88 0.00	22.10 2.09 0.00
HOLTSVILLE_IC_5 23694	24.26 2.30 0.00	22.06 2.16 0.00	20.19 1.92 0.00	20.14 1.89 0.00	21.60 2.06 0.00	23.18 2.28 0.00	45.92 4.15 0.00	32.26 3.23 0.00	59.71 3.45 -27.15	36.06 3.42 0.00	32.69 2.97 -1.83	38.02 3.14 -5.44	27.30 2.63 -0.08	24.55 2.14 0.00	26.24 2.40 0.00	44.47 4.03 -0.50	35.58 3.10 0.00	42.26 3.58 -2.26	51.69 4.49 0.00	37.69 3.65 0.00	66.05 6.24 -0.80	35.63 3.38 0.00	42.89 3.88 0.00	22.10 2.09 0.00
HOLTSVILLE_IC_6 23695	24.38 2.42 0.00	22.13 2.22 0.00	20.25 1.98 0.00	20.20 1.95 0.00	21.67 2.13 0.00	23.30 2.39 0.00	46.16 4.39 0.00	32.45 3.41 0.00	59.90 3.64 -27.15	36.25 3.60 0.00	32.85 3.12 -1.83	38.17 3.29 -5.44	27.42 2.75 -0.08	24.66 2.24 0.00	26.36 2.52 0.00	44.70 4.25 -0.50	35.77 3.29 0.00	42.45 3.78 -2.26	51.97 4.77 0.00	37.90 3.86 0.00	66.43 6.62 -0.80	35.83 3.58 0.00	43.12 4.11 0.00	22.21 2.20 0.00
HOLTSVILLE_IC_7 23696	24.38 2.42 0.00	22.13 2.22 0.00	20.25 1.98 0.00	20.20 1.95 0.00	21.67 2.13 0.00	23.30 2.39 0.00	46.16 4.39 0.00	32.45 3.41 0.00	59.90 3.64 -27.15	36.25 3.60 0.00	32.85 3.12 -1.83	38.17 3.29 -5.44	27.42 2.75 -0.08	24.66 2.24 0.00	26.36 2.52 0.00	44.70 4.25 -0.50	35.77 3.29 0.00	42.45 3.78 -2.26	51.97 4.77 0.00	37.90 3.86 0.00	66.43 6.62 -0.80	35.83 3.58 0.00	43.12 4.11 0.00	22.21 2.20 0.00
HOLTSVILLE_IC_8 23697	24.38 2.42 0.00	22.13 2.22 0.00	20.25 1.98 0.00	20.20 1.95 0.00	21.67 2.13 0.00	23.30 2.39 0.00	46.16 4.39 0.00	32.45 3.41 0.00	59.90 3.64 -27.15	36.25 3.60 0.00	32.85 3.12 -1.83	38.17 3.29 -5.44	27.42 2.75 -0.08	24.66 2.24 0.00	26.36 2.52 0.00	44.70 4.25 -0.50	35.77 3.29 0.00	42.45 3.78 -2.26	51.97 4.77 0.00	37.90 3.86 0.00	66.43 6.62 -0.80	35.83 3.58 0.00	43.12 4.11 0.00	22.21 2.20 0.00
HOLTSVILLE_IC_9 23698	24.38 2.42 0.00	22.13 2.22 0.00	20.25 1.98 0.00	20.20 1.95 0.00	21.67 2.13 0.00	23.30 2.39 0.00	46.16 4.39 0.00	32.45 3.41 0.00	59.90 3.64 -27.15	36.25 3.60 0.00	32.85 3.12 -1.83	38.17 3.29 -5.44	27.42 2.75 -0.08	24.66 2.24 0.00	26.36 2.52 0.00	44.70 4.25 -0.50	35.77 3.29 0.00	42.45 3.78 -2.26	51.97 4.77 0.00	37.90 3.86 0.00	66.43 6.62 -0.80	35.83 3.58 0.00	43.12 4.11 0.00	22.21 2.20 0.00
HOMER_HL_115KV_TB2 355744	22.25 0.32 0.03	20.29 0.39 0.00	18.52 0.25 0.00	18.44 0.20 0.00	19.88 0.34 0.00	21.48 0.58 0.00	43.39 1.65 0.03	30.59 1.55 0.00	30.74 1.63 0.00	34.19 1.55 0.00	29.16 1.27 0.00	30.31 0.87 0.00	25.16 0.58 0.00	22.92 0.51 0.00	24.58 0.74 0.00	24.67 1.61 16.89	21.06 0.84 12.26	21.20 1.06 16.27	28.17 1.78 20.82	34.81 1.64 0.87	48.10 3.66 14.56	31.18 1.62 2.70	32.12 2.28 9.17	20.97 1.04 0.08
HOWARD_WT_PWR 323690	22.52 0.56 0.00	20.48 0.57 0.00	18.70 0.43 0.00	18.64 0.39 0.00	20.01 0.47 0.00	21.56 0.66 0.00	45.68 1.56 -2.35	30.55 1.51 0.00	30.67 1.57 0.00	34.17 1.53 0.00	29.11 1.22 0.00	30.30 0.86 0.00	25.20 0.62 0.00	22.94 0.53 0.00	24.48 0.64 0.00	64.32 1.76 -22.62	48.91 1.02 -15.42	58.53 1.38 -20.73	76.48 1.97 -27.31	37.47 1.41 -2.02	95.81 3.11 -33.70	39.90 1.40 -6.25	62.01 1.78 -21.22	21.13 0.80 -0.32
HQ_GEN_CEDARS 23644	21.70 -0.27 0.00	19.71 -0.19 0.00	18.09 -0.18 0.00	18.05 -0.19 0.00	19.32 -0.22 0.00	20.63 -0.27 0.00	41.23 -0.53 0.00	28.52 -0.52 0.00	28.57 -0.53 0.00	32.05 -0.60 0.00	27.42 -0.47 0.00	29.01 -0.43 0.00	24.19 -0.39 0.00	22.03 -0.38 0.00	23.42 -0.41 0.00	39.61 -0.74 -0.40	32.25 -0.50 -0.28	36.11 -0.69 -0.39	46.83 -0.87 -0.50	33.40 -0.67 -0.04	57.67 -1.91 -0.58	31.78 -0.58 -0.11	38.78 -0.60 -0.37	19.67 -0.34 0.00
HQ_GEN_CEDARS_PROXY 323590	21.70 -0.27 0.00	19.71 -0.19 0.00	18.09 -0.18 0.00	18.05 -0.19 0.00	19.32 -0.22 0.00	20.63 -0.27 0.00	41.27 -0.53 -0.04	28.51 -0.52 0.00	28.57 -0.53 0.00	32.05 -0.60 0.00	27.42 -0.47 0.00	29.01 -0.43 0.00	24.19 -0.39 0.00	22.03 -0.38 0.00	23.42 -0.41 0.00	39.81 -0.74 -0.61	31.97 -0.50 0.00	35.73 -0.69 0.00	46.33 -0.87 0.00	33.37 -0.67 0.00	57.09 -1.92 0.00	31.68 -0.58 0.00	38.41 -0.60 0.00	19.67 -0.34 0.00
HQ_GEN_IMPORT 323601	22.64 -0.21 -0.89	19.72 -0.18 0.00	18.10 -0.17 0.00	18.08 -0.17 0.00	19.34 -0.20 0.00	20.67 -0.23 0.00	41.26 -0.51 0.00	28.55 -0.48 0.00	28.63 -0.47 0.00	32.13 -0.51 0.00	27.48 -0.41 0.00	29.09 -0.35 0.00	24.28 -0.30 0.00	22.12 -0.29 0.00	23.53 -0.31 0.00	39.41 -0.53 0.00	32.08 -0.39 0.00	35.86 -0.56 0.00	46.46 -0.75 0.00	33.46 -0.57 0.00	57.77 -1.23 0.00	32.28 -0.51 -0.54	38.51 -0.50 0.00	19.75 -0.26 0.00
HQ_GEN_WHEEL 23651	22.64 -0.21 -0.89	19.72 -0.18 0.00	18.10 -0.17 0.00	18.08 -0.17 0.00	19.34 -0.20 0.00	20.67 -0.23 0.00	41.26 -0.51 0.00	28.55 -0.48 0.00	28.63 -0.47 0.00	32.13 -0.51 0.00	27.48 -0.41 0.00	29.09 -0.35 0.00	24.28 -0.30 0.00	22.12 -0.29 0.00	23.53 -0.31 0.00	39.41 -0.53 0.00	32.08 -0.39 0.00	35.86 -0.56 0.00	46.46 -0.75 0.00	33.46 -0.57 0.00	57.77 -1.23 0.00	32.28 -0.51 -0.54	38.51 -0.50 0.00	19.75 -0.26 0.00
HUDSON_AVE_GT_3 23810	23.84 1.88 0.00	21.59 1.69 0.00	19.86 1.60 0.00	19.83 1.58 0.00	21.19 1.66 0.00	22.68 1.77 0.00	45.27 3.51 0.00	31.74 2.71 0.00	31.91 2.80 0.00	35.79 3.15 0.00	30.53 2.64 0.00	32.21 2.77 0.00	27.01 2.42 0.00	24.58 2.17 0.00	26.14 2.30 0.00	43.55 3.60 0.00	35.39 2.91 0.00	42.07 3.39 -2.26	51.42 4.22 0.00	37.19 3.15 0.00	64.61 5.61 0.00	35.24 2.99 0.00	42.31 3.30 0.00	21.78 1.77 0.00
HUDSON_AVE_GT_4 23540	23.84 1.88 0.00	21.59 1.69 0.00	19.86 1.60 0.00	19.83 1.58 0.00	21.19 1.66 0.00	22.68 1.77 0.00	45.27 3.51 0.00	31.74 2.71 0.00	31.91 2.80 0.00	35.79 3.15 0.00	30.53 2.64 0.00	32.21 2.77 0.00	27.01 2.42 0.00	24.58 2.17 0.00	26.14 2.30 0.00	43.55 3.60 0.00	35.39 2.91 0.00	42.07 3.39 -2.26	51.42 4.22 0.00	37.19 3.15 0.00	64.61 5.61 0.00	35.24 2.99 0.00	42.31 3.30 0.00	21.78 1.77 0.00
HUDSON_AVE_GT_5 23657	23.84 1.88 0.00	21.59 1.69 0.00	19.86 1.60 0.00	19.83 1.58 0.00	21.19 1.66 0.00	22.68 1.77 0.00	45.27 3.51 0.00	31.74 2.71 0.00	31.91 2.80 0.00	35.79 3.15 0.00	30.53 2.64 0.00	32.21 2.77 0.00	27.01 2.42 0.00	24.58 2.17 0.00	26.14 2.30 0.00	43.55 3.60 0.00	35.39 2.91 0.00	42.07 3.39 -2.26	51.42 4.22 0.00	37.19 3.15 0.00	64.61 5.61 0.00	35.24 2.99 0.00	42.31 3.30 0.00	21.78 1.77 0.00

HUDSON_AVE_10 24168	23.76 1.79 0.00	21.51 1.61 0.00	19.81 1.54 0.00	19.76 1.52 0.00	21.13 1.59 0.00	22.60 1.69 0.00	45.10 3.33 0.00	31.63 2.60 0.00	31.80 2.69 0.00	35.64 3.00 0.00	30.38 2.49 0.00	32.06 2.62 0.00	26.89 2.30 0.00	24.48 2.07 0.00	26.04 2.20 0.00	45.54 3.42 -2.17	36.81 2.77 -1.56	44.04 3.23 -4.39	53.86 4.02 -2.64	37.20 3.00 -0.17	67.20 5.33 -2.87	35.64 2.85 -0.53	43.99 3.17 -1.81	21.74 1.70 -0.03
HUDSON___115KV_TB 4 355613	22.91 0.95 0.00	20.69 0.79 0.00	19.03 0.76 0.00	19.02 0.77 0.00	20.39 0.85 0.00	21.81 0.90 0.00	43.61 1.84 0.00	30.41 1.38 0.00	30.41 1.31 0.00	34.10 1.45 0.00	29.09 1.20 0.00	30.61 1.17 0.00	25.53 0.95 0.00	23.27 0.86 0.00	24.77 0.94 0.00	43.35 1.66 -1.75	34.97 1.23 -1.25	42.32 1.55 -4.35	51.42 2.09 -2.13	35.86 1.68 -0.14	64.48 3.15 -2.32	34.19 1.50 -0.43	42.00 1.53 -1.46	20.88 0.85 -0.02
HUNTER MOUNT___DRP 323613	22.96 1.00 0.00	20.67 0.76 0.00	19.01 0.74 0.00	19.01 0.76 0.00	20.40 0.86 0.00	21.87 0.96 0.00	43.72 1.95 0.00	30.48 1.44 0.00	30.46 1.36 0.00	34.13 1.49 0.00	29.12 1.23 0.00	30.60 1.16 0.00	25.53 0.95 0.00	23.24 0.83 0.00	24.76 0.93 0.00	43.48 1.72 -1.82	35.04 1.25 -1.31	42.34 1.57 -4.35	51.56 2.15 -2.22	35.90 1.72 -0.15	64.74 3.32 -2.41	34.27 1.57 -0.45	42.15 1.61 -1.52	20.92 0.89 -0.02
HUNTINGTON_RES_REC 323705	24.28 2.32 0.00	22.04 2.13 0.00	20.16 1.90 0.00	20.10 1.86 0.00	21.58 2.04 0.00	23.19 2.28 0.00	46.02 4.26 0.00	32.34 3.30 0.00	59.76 3.51 -27.15	36.21 3.57 0.00	32.81 3.09 -1.83	38.14 3.26 -5.44	27.39 2.73 -0.08	24.67 2.26 0.00	26.34 2.50 0.00	44.64 4.20 -0.50	35.66 3.18 0.00	42.37 3.70 -2.26	51.87 4.67 0.00	37.79 3.74 0.00	66.25 6.45 -0.80	35.73 3.47 0.00	43.00 3.99 0.00	22.11 2.10 0.00
HUNTLEY___63 23557	21.17 -0.75 0.04	19.34 -0.56 0.00	17.64 -0.63 0.00	17.58 -0.66 0.00	18.90 -0.63 0.00	20.42 -0.48 0.00	41.07 -0.62 0.08	28.86 -0.17 0.00	28.94 -0.17 0.00	32.21 -0.44 0.00	27.50 -0.39 0.00	28.69 -0.74 0.00	23.84 -0.74 0.00	21.70 -0.72 0.00	23.18 -0.66 0.00	10.46 -0.17 29.31	11.54 -0.51 20.44	8.49 -0.53 27.39	11.55 -0.27 35.38	31.23 -0.53 2.28	20.81 -0.13 38.07	24.64 -0.56 7.06	14.68 -0.36 23.97	19.21 -0.44 0.36
HUNTLEY___64 23558	21.17 -0.75 0.04	19.34 -0.56 0.00	17.64 -0.63 0.00	17.58 -0.66 0.00	18.90 -0.63 0.00	20.42 -0.48 0.00	41.07 -0.62 0.08	28.86 -0.17 0.00	28.94 -0.17 0.00	32.21 -0.44 0.00	27.50 -0.39 0.00	28.69 -0.74 0.00	23.84 -0.74 0.00	21.70 -0.72 0.00	23.18 -0.66 0.00	10.46 -0.17 29.31	11.54 -0.51 20.44	8.49 -0.53 27.39	11.55 -0.27 35.38	31.23 -0.53 2.28	20.81 -0.13 38.07	24.64 -0.56 7.06	14.68 -0.36 23.97	19.21 -0.44 0.36
HUNTLEY___65 23559	21.17 -0.75 0.04	19.34 -0.56 0.00	17.64 -0.63 0.00	17.58 -0.66 0.00	18.90 -0.63 0.00	20.42 -0.48 0.00	41.07 -0.62 0.08	28.86 -0.17 0.00	28.94 -0.17 0.00	32.21 -0.44 0.00	27.50 -0.39 0.00	28.69 -0.74 0.00	23.84 -0.74 0.00	21.70 -0.72 0.00	23.18 -0.66 0.00	10.46 -0.17 29.31	11.54 -0.51 20.44	8.49 -0.53 27.39	11.55 -0.27 35.38	31.23 -0.53 2.28	20.81 -0.13 38.07	24.64 -0.56 7.06	14.68 -0.36 23.97	19.21 -0.44 0.36
HUNTLEY___66 23560	21.17 -0.75 0.04	19.34 -0.56 0.00	17.64 -0.63 0.00	17.58 -0.66 0.00	18.90 -0.63 0.00	20.42 -0.48 0.00	41.07 -0.62 0.08	28.86 -0.17 0.00	28.94 -0.17 0.00	32.21 -0.44 0.00	27.50 -0.39 0.00	28.69 -0.74 0.00	23.84 -0.74 0.00	21.70 -0.72 0.00	23.18 -0.66 0.00	10.46 -0.17 29.31	11.54 -0.51 20.44	8.49 -0.53 27.39	11.55 -0.27 35.38	31.23 -0.53 2.28	20.81 -0.13 38.07	24.64 -0.56 7.06	14.68 -0.36 23.97	19.21 -0.44 0.36
HUNTLEY___67 23561	21.09 -0.84 0.04	19.24 -0.66 0.00	17.55 -0.72 0.00	17.50 -0.75 0.00	18.83 -0.71 0.00	20.32 -0.58 0.00	40.85 -0.82 0.10	28.74 -0.30 0.00	28.85 -0.26 0.00	32.12 -0.53 0.00	27.43 -0.46 0.00	28.61 -0.83 0.00	23.78 -0.80 0.00	21.64 -0.77 0.00	23.14 -0.70 0.00	12.23 -0.29 27.42	12.83 -0.60 19.05	10.18 -0.64 25.61	13.83 -0.44 32.92	31.29 -0.63 2.11	23.45 -0.25 35.31	25.08 -0.62 6.55	16.39 -0.38 22.23	19.21 -0.45 0.35
HUNTLEY___68 23562	21.09 -0.84 0.04	19.24 -0.66 0.00	17.55 -0.72 0.00	17.50 -0.75 0.00	18.83 -0.71 0.00	20.32 -0.58 0.00	40.85 -0.82 0.10	28.74 -0.30 0.00	28.85 -0.26 0.00	32.12 -0.53 0.00	27.43 -0.46 0.00	28.61 -0.83 0.00	23.78 -0.80 0.00	21.64 -0.77 0.00	23.14 -0.70 0.00	12.23 -0.29 27.42	12.83 -0.60 19.05	10.18 -0.64 25.61	13.83 -0.44 32.92	31.29 -0.63 2.11	23.45 -0.25 35.31	25.08 -0.62 6.55	16.39 -0.38 22.23	19.21 -0.45 0.35
HYLAND___LFGE 323620	23.64 1.68 0.00	21.23 1.32 -0.01	19.40 1.11 -0.02	19.33 1.07 -0.01	20.84 1.26 -0.04	22.88 1.79 -0.19	49.97 4.06 -4.15	32.23 3.10 -0.10	32.16 2.98 -0.08	35.48 2.75 -0.08	30.17 2.23 -0.06	31.02 1.58 0.00	25.77 1.19 0.00	22.84 0.43 0.00	24.17 0.33 0.00	35.21 1.37 6.10	29.33 1.01 4.15	32.74 1.31 4.99	42.37 2.52 7.35	35.99 1.96 0.00	63.57 4.56 0.00	34.33 2.07 0.00	41.65 2.63 0.00	21.09 1.08 0.00
INDECK___CORINTH 23802	23.07 1.10 0.00	20.79 0.89 0.00	19.05 0.78 0.00	19.04 0.80 0.00	20.48 0.95 0.00	22.02 1.11 0.00	44.04 2.27 0.00	30.71 1.68 0.00	30.78 1.67 0.00	34.47 1.82 0.00	29.44 1.55 0.00	31.02 1.58 0.00	25.94 1.36 0.00	23.66 1.24 0.00	25.16 1.33 0.00	42.28 2.34 0.00	34.25 1.78 0.00	41.57 2.36 -2.79	50.29 3.09 0.00	36.41 2.37 0.00	63.11 4.10 0.00	34.28 2.02 0.00	41.14 2.13 0.00	21.16 1.15 0.00
INDECK___ILION 23567	22.07 0.11 0.00	20.04 0.13 0.00	18.41 0.14 0.00	18.41 0.16 0.00	19.71 0.17 0.00	21.04 0.13 0.00	42.07 0.30 0.00	29.33 0.30 0.00	29.37 0.26 0.00	32.92 0.27 0.00	28.11 0.22 0.00	29.64 0.20 0.00	24.74 0.16 0.00	22.58 0.17 0.00	23.97 0.14 0.00	40.78 0.26 -0.58	33.04 0.11 -0.46	37.41 0.35 -0.64	48.48 0.46 -0.81	34.50 0.41 -0.06	60.82 0.87 -0.94	32.78 0.35 -0.17	39.85 0.24 -0.59	20.14 0.13 -0.01
INDECK___OLEAN 23982	22.25 0.32 0.03	20.28 0.39 0.01	18.50 0.25 0.02	18.44 0.20 0.01	19.84 0.34 0.03	21.32 0.58 0.16	43.25 1.65 0.17	30.49 1.54 0.08	30.71 1.67 0.06	34.12 1.55 0.07	29.09 1.25 0.05	30.32 0.88 0.00	25.16 0.58 0.00	22.92 0.51 0.00	24.58 0.74 0.00	24.41 1.70 17.24	21.62 0.90 11.75	22.56 1.11 14.96	28.20 1.82 20.82	34.83 1.66 0.87	48.14 3.70 14.56	31.18 1.63 2.70	32.16 2.32 9.17	20.97 1.04 0.08
INDECK___OSWEGO 23783	21.58 -0.38 0.00	19.57 -0.33 0.00	17.96 -0.31 0.00	17.94 -0.31 0.00	19.21 -0.33 0.00	20.57 -0.33 0.00	41.17 -0.60 0.00	28.69 -0.34 0.00	28.76 -0.35 0.00	32.22 -0.43 0.00	27.50 -0.39 0.00	28.99 -0.45 0.00	24.17 -0.41 0.00	22.04 -0.37 0.00	23.42 -0.42 0.00	39.29 -0.65 0.00	31.90 -0.58 0.00	36.05 -0.57 -0.20	46.51 -0.70 0.00	33.58 -0.45 0.00	58.39 -0.62 0.00	31.83 -0.43 0.00	38.46 -0.55 0.00	19.70 -0.31 0.00

INDECK___YERKES 23781	21.20 -0.73 0.04	19.35 -0.53 0.01	17.63 -0.61 0.03	17.59 -0.64 0.01	18.87 -0.61 0.05	20.19 -0.46 0.25	40.51 -0.57 0.69	28.75 -0.15 0.13	28.89 -0.12 0.10	32.14 -0.40 0.11	27.43 -0.38 0.07	28.73 -0.71 0.00	23.87 -0.72 0.00	21.72 -0.70 0.00	23.21 -0.63 0.00	10.75 -0.03 29.16	12.09 -0.41 19.98	10.20 -0.45 25.77	11.65 -0.18 35.38	31.29 -0.47 2.28	20.92 -0.01 38.07	24.68 -0.51 7.06	14.77 -0.27 23.97	19.24 -0.41 0.36
INDIAN POINT_GT_1 24139	23.70 1.74 0.00	21.46 1.56 0.00	19.73 1.46 0.00	19.70 1.45 0.00	21.07 1.53 0.00	22.54 1.63 0.00	45.03 3.26 0.00	31.51 2.48 0.00	31.64 2.53 0.00	35.49 2.85 0.00	30.26 2.37 0.00	31.91 2.47 0.00	26.75 2.16 0.00	24.35 1.94 0.00	25.90 2.06 0.00	43.19 3.24 0.00	35.11 2.63 0.00	41.75 3.08 -2.25	51.06 3.86 0.00	36.95 2.91 0.00	64.19 5.18 0.00	35.02 2.76 0.00	42.04 3.03 0.00	21.62 1.61 0.00
INDIAN POINT_GT_2 23659	23.70 1.74 0.00	21.46 1.56 0.00	19.73 1.46 0.00	19.70 1.45 0.00	21.07 1.53 0.00	22.54 1.63 0.00	45.03 3.26 0.00	31.51 2.48 0.00	31.64 2.53 0.00	35.49 2.85 0.00	30.26 2.37 0.00	31.91 2.47 0.00	26.75 2.16 0.00	24.35 1.94 0.00	25.90 2.06 0.00	43.19 3.24 0.00	35.11 2.63 0.00	41.75 3.08 -2.25	51.06 3.86 0.00	36.95 2.91 0.00	64.19 5.18 0.00	35.02 2.76 0.00	42.04 3.03 0.00	21.62 1.61 0.00
INDIAN POINT_GT_3 24019	23.70 1.74 0.00	21.46 1.56 0.00	19.73 1.46 0.00	19.70 1.45 0.00	21.07 1.53 0.00	22.54 1.63 0.00	45.03 3.26 0.00	31.51 2.48 0.00	31.64 2.53 0.00	35.49 2.85 0.00	30.26 2.37 0.00	31.91 2.47 0.00	26.75 2.16 0.00	24.35 1.94 0.00	25.90 2.06 0.00	43.19 3.24 0.00	35.11 2.63 0.00	41.75 3.08 -2.25	51.06 3.86 0.00	36.95 2.91 0.00	64.19 5.18 0.00	35.02 2.76 0.00	42.04 3.03 0.00	21.62 1.61 0.00
INDIAN POINT___2 23530	23.70 1.74 0.00	21.46 1.55 0.00	19.72 1.46 0.00	19.69 1.45 0.00	21.06 1.53 0.00	22.53 1.63 0.00	45.02 3.25 0.00	31.51 2.48 0.00	31.62 2.52 0.00	35.48 2.84 0.00	30.26 2.37 0.00	31.89 2.46 0.00	26.73 2.15 0.00	24.34 1.93 0.00	25.89 2.06 0.00	43.18 3.23 0.00	35.11 2.63 0.00	41.72 3.07 -2.23	51.04 3.84 0.00	36.92 2.89 0.00	64.15 5.14 0.00	35.01 2.76 0.00	42.04 3.02 0.00	21.61 1.60 0.00
INDIAN POINT___3 23531	23.68 1.72 0.00	21.44 1.54 0.00	19.71 1.45 0.00	19.68 1.44 0.00	21.06 1.52 0.00	22.52 1.61 0.00	44.99 3.22 0.00	31.49 2.45 0.00	31.62 2.51 0.00	35.46 2.82 0.00	30.24 2.35 0.00	31.90 2.46 0.00	26.73 2.14 0.00	24.33 1.92 0.00	25.88 2.05 0.00	45.36 3.23 -2.19	36.67 2.62 -1.57	43.87 3.06 -4.39	53.69 3.83 -2.66	37.10 2.89 -0.17	67.04 5.14 -2.89	35.54 2.75 -0.54	43.84 3.01 -1.82	21.63 1.60 -0.03
INGHAM_C_115KV_TB7 356103	21.99 0.02 0.00	19.99 0.08 0.00	18.40 0.13 0.00	18.42 0.17 0.00	19.72 0.18 0.00	20.98 0.08 0.00	41.95 0.18 0.00	29.32 0.28 0.00	29.31 0.21 0.00	32.84 0.20 0.00	28.03 0.14 0.00	29.56 0.12 0.00	24.65 0.07 0.00	22.55 0.13 0.00	23.90 0.07 0.00	40.72 0.20 -0.58	32.84 -0.09 -0.46	37.40 0.34 -0.64	48.50 0.49 -0.81	34.57 0.48 -0.06	61.10 1.15 -0.94	32.80 0.37 -0.17	39.70 0.09 -0.59	20.08 0.06 -0.01
IP CORINTH___1 23988	23.07 1.10 0.00	20.79 0.89 0.00	19.05 0.78 0.00	19.05 0.80 0.00	20.49 0.95 0.00	22.02 1.11 0.00	44.05 2.27 0.00	30.71 1.68 0.00	30.78 1.68 0.00	34.47 1.83 0.00	29.44 1.55 0.00	31.02 1.58 0.00	25.94 1.36 0.00	23.66 1.25 0.00	25.16 1.33 0.00	43.94 2.33 -1.66	35.45 1.78 -1.20	43.21 2.36 -4.43	52.33 3.09 -2.03	36.54 2.37 -0.13	65.33 4.11 -2.21	34.69 2.02 -0.41	42.54 2.13 -1.39	21.18 1.15 -0.02
IP___TICONDEROGA 23804	23.91 1.95 0.00	21.51 1.60 0.00	19.62 1.35 0.00	19.67 1.42 0.00	21.25 1.71 0.00	22.98 2.08 0.00	45.85 4.08 0.00	31.89 2.86 0.00	32.05 2.95 0.00	35.95 3.31 0.00	30.86 2.98 0.00	32.68 3.24 0.00	27.23 2.65 0.00	24.73 2.32 0.00	26.33 2.50 0.00	46.08 4.48 -1.66	36.85 3.18 -1.20	45.19 4.35 -4.42	54.78 5.55 -2.03	38.38 4.22 -0.13	68.24 7.02 -2.21	36.07 3.41 -0.41	44.33 3.92 -1.39	22.20 2.17 -0.02
ISLIP_RES_REC 323679	24.46 2.49 0.00	22.20 2.29 0.00	20.31 2.04 0.00	20.25 2.00 0.00	21.73 2.19 0.00	23.37 2.47 0.00	46.33 4.56 0.00	32.58 3.54 0.00	60.04 3.79 -27.15	36.40 3.75 0.00	32.98 3.26 -1.83	38.31 3.44 -5.44	27.53 2.86 -0.08	24.76 2.35 0.00	26.47 2.64 0.00	44.91 4.47 -0.50	35.93 3.46 0.00	42.63 3.96 -2.26	52.20 5.00 0.00	38.07 4.03 0.00	66.75 6.94 -0.80	35.99 3.73 0.00	43.30 4.28 0.00	22.29 2.28 0.00
JAMAICA__27_KV_LOAD 355505	23.86 1.89 0.00	21.59 1.68 0.00	19.89 1.62 0.00	19.85 1.60 0.00	21.20 1.66 0.00	22.68 1.78 0.00	45.29 3.52 0.00	31.79 2.76 0.00	31.93 2.82 0.00	35.76 3.11 0.00	30.42 2.53 0.00	32.11 2.67 0.00	26.95 2.37 0.00	24.57 2.16 0.00	26.14 2.30 0.00	45.69 3.57 -2.17	36.94 2.90 -1.56	44.16 3.35 -4.39	54.02 4.18 -2.64	37.33 3.13 -0.17	67.46 5.58 -2.87	35.80 3.02 -0.53	44.25 3.43 -1.81	21.88 1.85 -0.03
JANIS___SOLAR 323808	23.22 1.26 0.00	21.05 1.15 0.00	19.29 1.03 0.00	19.29 1.04 0.00	20.71 1.17 0.00	22.25 1.35 0.00	45.01 3.06 -0.19	31.31 2.28 0.00	31.33 2.23 0.00	34.93 2.28 0.00	29.61 1.73 0.00	31.10 1.66 0.00	25.84 1.26 0.00	23.52 1.11 0.00	24.96 1.12 0.00	58.00 1.75 -16.31	45.24 1.64 -11.12	53.71 2.06 -15.23	69.87 2.97 -19.69	37.76 2.38 -1.34	86.11 4.65 -22.46	38.73 2.31 -4.17	55.87 2.71 -14.14	21.43 1.26 -0.17
JARVIS____ 23743	22.05 0.09 0.00	19.98 0.08 0.00	18.34 0.07 0.00	18.33 0.08 0.00	19.63 0.09 0.00	21.00 0.09 0.00	41.97 0.20 0.00	29.21 0.17 0.00	29.27 0.16 0.00	32.81 0.17 0.00	28.03 0.14 0.00	29.56 0.12 0.00	24.69 0.11 0.00	22.52 0.11 0.00	23.94 0.10 0.00	40.10 0.16 0.00	32.61 0.14 0.00	36.65 0.19 -0.04	47.44 0.24 0.00	34.24 0.21 0.00	59.42 0.42 0.00	32.44 0.18 0.00	39.18 0.16 0.00	20.11 0.10 0.00
JENNISON___1 23625	23.47 1.50 0.00	21.26 1.35 0.00	19.49 1.22 0.00	19.48 1.24 0.00	20.90 1.37 0.00	22.44 1.54 0.00	45.21 3.42 -0.02	31.59 2.56 0.00	31.67 2.56 0.00	35.41 2.76 0.00	30.12 2.24 0.00	31.58 2.14 0.00	26.26 1.67 0.00	23.95 1.54 0.00	25.48 1.65 0.00	51.84 2.73 -9.18	41.14 2.19 -6.47	48.80 2.66 -9.72	62.11 3.61 -11.30	37.52 2.73 -0.75	76.74 5.17 -12.56	37.18 2.60 -2.33	49.96 3.04 -7.91	21.56 1.45 -0.10
JENNISON___2 23626	23.47 1.50 0.00	21.26 1.35 0.00	19.49 1.22 0.00	19.48 1.24 0.00	20.90 1.37 0.00	22.44 1.54 0.00	45.21 3.42 -0.02	31.59 2.56 0.00	31.67 2.56 0.00	35.41 2.76 0.00	30.12 2.24 0.00	31.58 2.14 0.00	26.26 1.67 0.00	23.95 1.54 0.00	25.48 1.65 0.00	51.84 2.73 -9.18	41.14 2.19 -6.47	48.80 2.66 -9.72	62.11 3.61 -11.30	37.52 2.73 -0.75	76.74 5.17 -12.56	37.18 2.60 -2.33	49.96 3.04 -7.91	21.56 1.45 -0.10

JERICO_RISE_WT_PWR 323719	21.88 -0.09 0.00	19.81 -0.09 0.00	18.25 -0.02 0.00	18.24 -0.01 0.00	19.56 0.02 0.00	21.02 0.12 0.00	42.09 0.32 0.00	29.34 0.31 0.00	29.37 0.26 0.00	32.84 0.20 0.00	28.15 0.26 0.00	29.80 0.37 0.00	24.83 0.25 0.00	22.56 0.15 0.00	24.05 0.21 0.00	40.26 0.32 0.00	32.96 0.48 0.00	36.80 0.39 0.00	47.63 0.43 0.00	34.49 0.46 0.00	59.46 0.46 0.00	32.63 0.38 0.00	39.63 0.61 0.00	20.18 0.17 0.00
KATONAH__115KV_46KV_TB4 355592	23.78 1.82 0.00	21.53 1.63 0.00	19.79 1.52 0.00	19.77 1.52 0.00	21.15 1.61 0.00	22.64 1.73 0.00	45.24 3.47 0.00	31.70 2.67 0.00	31.83 2.73 0.00	35.70 3.05 0.00	30.45 2.56 0.00	32.10 2.67 0.00	26.88 2.30 0.00	24.48 2.07 0.00	26.04 2.21 0.00	45.60 3.50 -2.15	36.85 2.83 -1.54	44.12 3.33 -4.38	54.00 4.19 -2.61	37.36 3.15 -0.17	67.45 5.60 -2.84	35.75 2.97 -0.53	44.06 3.26 -1.79	21.76 1.72 -0.03
KCE_NY_1 323755	23.18 1.22 0.00	20.95 1.05 0.00	19.22 0.95 0.00	19.21 0.96 0.00	20.65 1.11 0.00	22.12 1.21 0.00	44.23 2.46 0.00	30.84 1.81 0.00	30.88 1.78 0.00	34.57 1.93 0.00	29.50 1.61 0.00	31.07 1.64 0.00	26.00 1.42 0.00	23.73 1.32 0.00	25.21 1.37 0.00	42.31 2.37 0.00	34.35 1.87 0.00	41.58 2.38 -2.78	50.30 3.10 0.00	36.41 2.38 0.00	63.25 4.24 0.00	34.38 2.13 0.00	41.26 2.25 0.00	21.22 1.21 0.00
KCE_NY_6_ESR 323823	21.53 -0.40 0.04	19.63 -0.26 0.01	17.90 -0.35 0.02	17.86 -0.38 0.01	19.18 -0.30 0.05	20.54 -0.15 0.22	41.09 0.10 0.78	29.31 0.40 0.11	29.52 0.50 0.09	32.83 0.28 0.09	28.00 0.18 0.06	29.29 -0.15 0.00	24.33 -0.26 0.00	22.14 -0.28 0.00	23.67 -0.16 0.00	15.43 0.63 25.14	15.45 0.12 17.15	14.52 0.15 22.05	17.36 0.53 30.37	32.26 0.08 1.85	29.04 1.02 30.98	26.57 0.06 5.75	19.95 0.45 19.51	19.63 -0.04 0.34
KEDC_PORT_JEFF_GT2 24210	24.33 2.37 0.00	22.10 2.20 0.00	20.23 1.96 0.00	20.18 1.93 0.00	21.64 2.10 0.00	23.25 2.35 0.00	46.08 4.31 0.00	32.38 3.34 0.00	59.83 3.58 -27.15	36.18 3.54 0.00	32.79 3.06 -1.83	38.10 3.22 -5.44	27.34 2.68 -0.08	24.56 2.15 0.00	26.28 2.45 0.00	44.60 4.16 -0.50	35.69 3.21 0.00	42.36 3.68 -2.26	51.73 4.53 0.00	37.72 3.67 0.00	66.11 6.30 -0.80	35.72 3.46 0.00	43.03 4.02 0.00	22.17 2.16 0.00
KEDC_PORT_JEFF_GT3 24211	24.33 2.37 0.00	22.10 2.20 0.00	20.23 1.96 0.00	20.18 1.93 0.00	21.64 2.10 0.00	23.25 2.35 0.00	46.08 4.31 0.00	32.38 3.34 0.00	59.83 3.58 -27.15	36.18 3.54 0.00	32.79 3.06 -1.83	38.10 3.22 -5.44	27.34 2.68 -0.08	24.56 2.15 0.00	26.28 2.45 0.00	44.60 4.16 -0.50	35.69 3.21 0.00	42.36 3.68 -2.26	51.73 4.53 0.00	37.72 3.67 0.00	66.11 6.30 -0.80	35.72 3.46 0.00	43.03 4.02 0.00	22.17 2.16 0.00
KEDC_GLWD_GT4 24219	24.02 2.06 0.00	21.79 1.88 0.00	20.00 1.73 0.00	19.95 1.71 0.00	21.37 1.83 0.00	22.89 1.98 0.00	45.62 3.85 0.00	32.02 2.99 0.00	59.36 3.11 -27.15	36.03 3.39 0.00	32.65 2.93 -1.83	37.88 3.00 -5.44	27.32 2.65 -0.08	24.72 2.31 0.00	26.32 2.49 0.00	44.45 4.01 -0.50	35.65 3.17 0.00	42.33 3.65 -2.26	51.63 4.43 0.00	37.46 3.42 0.00	65.78 5.97 -0.80	35.52 3.27 0.00	42.69 3.67 0.00	21.94 1.93 0.00
KEDC_GLWD_GT5 24220	24.02 2.06 0.00	21.79 1.88 0.00	20.00 1.73 0.00	19.95 1.71 0.00	21.37 1.83 0.00	22.89 1.98 0.00	45.62 3.85 0.00	32.02 2.99 0.00	59.36 3.11 -27.15	36.03 3.39 0.00	32.65 2.93 -1.83	37.88 3.00 -5.44	27.32 2.65 -0.08	24.72 2.31 0.00	26.32 2.49 0.00	44.45 4.01 -0.50	35.65 3.17 0.00	42.33 3.65 -2.26	51.63 4.43 0.00	37.46 3.42 0.00	65.78 5.97 -0.80	35.52 3.27 0.00	42.69 3.67 0.00	21.94 1.93 0.00
KENSICO____ 23655	23.73 1.77 0.00	21.49 1.59 0.00	19.77 1.50 0.00	19.73 1.48 0.00	21.11 1.57 0.00	22.58 1.67 0.00	45.09 3.31 0.00	31.58 2.55 0.00	31.71 2.61 0.00	35.57 2.92 0.00	30.34 2.45 0.00	32.00 2.56 0.00	26.81 2.23 0.00	24.41 2.00 0.00	25.96 2.13 0.00	45.48 3.36 -2.17	36.76 2.72 -1.56	43.99 3.18 -4.39	53.82 3.98 -2.64	37.20 2.99 -0.17	67.19 5.31 -2.87	35.62 2.83 -0.53	43.94 3.12 -1.81	21.69 1.66 -0.03
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.40 2.44 0.00	22.19 2.29 0.00	20.36 2.09 0.00	20.32 2.08 0.00	21.74 2.20 0.00	23.22 2.32 0.00	46.55 4.78 0.00	32.62 3.59 0.00	32.74 3.64 0.00	36.74 4.09 0.00	31.31 3.42 0.00	32.93 3.49 0.00	27.44 2.86 0.00	24.97 2.56 0.00	26.52 2.69 0.00	46.52 4.32 -2.26	37.73 3.63 -1.63	45.13 4.30 -4.41	55.53 5.59 -2.74	38.46 4.24 -0.18	69.64 7.65 -2.98	36.92 4.11 -0.55	45.48 4.59 -1.88	22.38 2.34 -0.03
KIAC_JFK_GT1 23816	23.75 1.79 0.00	21.48 1.58 0.00	19.79 1.52 0.00	19.75 1.50 0.00	21.10 1.56 0.00	22.59 1.68 0.00	45.05 3.29 0.00	31.63 2.60 0.00	31.76 2.65 0.00	35.57 2.93 0.00	30.28 2.40 0.00	31.96 2.52 0.00	26.83 2.25 0.00	24.46 2.05 0.00	26.01 2.18 0.00	43.29 3.35 0.00	35.16 2.68 0.00	41.70 3.03 -2.26	50.96 3.76 0.00	36.85 2.81 0.00	64.03 5.03 0.00	35.07 2.81 0.00	42.22 3.20 0.00	21.76 1.75 0.00
KIAC_JFK_GT2 23817	23.75 1.79 0.00	21.48 1.58 0.00	19.79 1.52 0.00	19.75 1.50 0.00	21.10 1.56 0.00	22.59 1.68 0.00	45.05 3.29 0.00	31.63 2.60 0.00	31.76 2.65 0.00	35.57 2.93 0.00	30.28 2.40 0.00	31.96 2.52 0.00	26.83 2.25 0.00	24.46 2.05 0.00	26.01 2.18 0.00	43.29 3.35 0.00	35.16 2.68 0.00	41.70 3.03 -2.26	50.96 3.76 0.00	36.85 2.81 0.00	64.03 5.03 0.00	35.07 2.81 0.00	42.22 3.20 0.00	21.76 1.75 0.00
KIAC_JFK____ 323774	23.75 1.79 0.00	21.48 1.58 0.00	19.79 1.52 0.00	19.75 1.50 0.00	21.10 1.56 0.00	22.59 1.68 0.00	45.05 3.29 0.00	31.63 2.60 0.00	31.76 2.65 0.00	35.57 2.93 0.00	30.28 2.40 0.00	31.96 2.52 0.00	26.83 2.25 0.00	24.46 2.05 0.00	26.01 2.18 0.00	43.29 3.35 0.00	35.16 2.68 0.00	41.70 3.03 -2.26	50.96 3.76 0.00	36.85 2.81 0.00	64.03 5.03 0.00	35.07 2.81 0.00	42.22 3.20 0.00	21.76 1.75 0.00
KINTIGH____ 23543	20.91 -1.01 0.04	19.06 -0.84 0.00	17.40 -0.87 0.00	17.35 -0.89 0.00	18.65 -0.88 0.00	20.13 -0.77 0.00	40.48 -1.23 0.06	28.43 -0.60 0.00	28.52 -0.58 0.00	31.78 -0.86 0.00	27.14 -0.74 0.00	28.36 -1.08 0.00	23.58 -1.01 0.00	21.45 -0.96 0.00	22.90 -0.94 0.00	3.34 -0.71 35.89	6.73 -0.89 24.86	2.23 -0.96 33.23	3.14 -0.87 43.19	30.29 -0.84 2.90	9.87 -0.63 48.51	22.43 -0.82 9.00	7.82 -0.65 30.55	19.04 -0.58 0.39
KNTFSRNC_46_KV_46KV_LOAD 80397	22.43 0.46 0.00	20.24 0.34 0.00	18.62 0.36 0.00	18.64 0.39 0.00	20.02 0.48 0.00	21.57 0.67 0.00	43.25 1.48 0.00	30.27 1.24 0.00	30.24 1.13 0.00	33.73 1.09 0.00	28.89 1.00 0.00	30.57 1.14 0.00	25.47 0.88 0.00	23.13 0.73 0.00	24.72 0.88 0.00	41.69 1.43 -0.32	34.09 1.39 -0.22	38.18 1.45 -0.31	49.34 1.74 -0.40	35.58 1.51 -0.03	61.80 2.32 -0.46	33.63 1.29 -0.09	41.10 1.80 -0.29	20.76 0.74 0.00

LACHUTE___HYDRO 323717	23.91 1.95 0.00	21.51 1.60 0.00	19.62 1.35 0.00	19.67 1.42 0.00	21.25 1.71 0.00	22.98 2.08 0.00	45.85 4.08 0.00	31.89 2.85 0.00	32.05 2.95 0.00	35.95 3.31 0.00	30.87 2.98 0.00	32.68 3.24 0.00	27.23 2.65 0.00	24.73 2.32 0.00	26.33 2.50 0.00	44.42 4.48 0.00	35.66 3.18 0.00	43.55 4.35 -2.79	52.75 5.55 0.00	38.25 4.22 0.00	66.03 7.02 0.00	35.66 3.41 0.00	42.94 3.92 0.00	22.18 2.17 0.00
LAWRNCAV_115KV_TB1 80681	21.30 -0.66 0.00	19.36 -0.55 0.00	17.76 -0.51 0.00	17.73 -0.52 0.00	18.99 -0.55 0.00	20.30 -0.61 0.00	40.60 -1.17 0.00	28.09 -0.94 0.00	28.11 -0.99 0.00	31.51 -1.14 0.00	26.96 -0.93 0.00	28.50 -0.93 0.00	23.75 -0.84 0.00	21.61 -0.80 0.00	22.95 -0.88 0.00	39.05 -1.54 -0.65	31.81 -1.12 -0.44	35.71 -1.32 -0.61	46.33 -1.66 -0.79	32.88 -1.21 -0.06	57.15 -2.78 -0.92	31.34 -1.09 -0.17	38.37 -1.22 -0.58	19.32 -0.70 -0.01
LEDERLE___ 23769	23.78 1.82 0.00	21.54 1.64 0.00	19.80 1.53 0.00	19.77 1.52 0.00	21.14 1.60 0.00	22.61 1.71 0.00	45.21 3.44 0.00	31.63 2.60 0.00	31.76 2.66 0.00	35.64 3.00 0.00	30.37 2.49 0.00	32.03 2.59 0.00	26.85 2.26 0.00	24.45 2.04 0.00	26.01 2.17 0.00	45.61 3.44 -2.23	36.87 2.79 -1.60	44.07 3.25 -4.40	53.98 4.07 -2.71	37.27 3.05 -0.18	67.42 5.46 -2.95	35.73 2.93 -0.55	44.08 3.21 -1.86	21.71 1.67 -0.03
LIGHTHSE_115KV_TB6 355974	21.75 -0.22 0.00	19.72 -0.18 0.00	18.10 -0.17 0.00	18.07 -0.18 0.00	19.34 -0.20 0.00	20.73 -0.17 0.00	41.52 -0.25 0.00	28.90 -0.13 0.00	28.89 -0.21 0.00	32.37 -0.28 0.00	27.62 -0.27 0.00	29.12 -0.32 0.00	24.19 -0.39 0.00	22.03 -0.38 0.00	23.34 -0.50 0.00	42.51 -0.72 -3.29	34.03 -0.66 -2.20	38.90 -0.55 -3.03	50.52 -0.63 -3.95	33.97 -0.34 -0.28	63.42 -0.24 -4.65	32.96 -0.16 -0.86	41.76 -0.18 -2.93	19.88 -0.16 -0.03
LINDEN COGEN___ 23786	23.69 1.72 0.00	21.47 1.56 0.00	19.76 1.49 0.00	19.72 1.47 0.00	21.07 1.53 0.00	22.54 1.63 0.00	44.99 3.22 0.00	31.53 2.50 0.00	31.68 2.58 0.00	35.55 2.90 0.00	30.30 2.41 0.00	31.97 2.53 0.00	26.82 2.24 0.00	24.41 2.00 0.00	25.96 2.12 0.00	43.21 3.27 0.00	35.13 2.65 0.00	41.76 3.09 -2.26	51.01 3.81 0.00	36.90 2.86 0.00	64.10 5.10 0.00	34.97 2.72 0.00	41.98 2.97 0.00	21.61 1.60 0.00
LINDHRST_69_KV_BK1 356055	24.36 2.40 0.00	22.12 2.21 0.00	20.25 1.98 0.00	20.20 1.95 0.00	21.66 2.13 0.00	23.24 2.34 0.00	46.18 4.40 0.00	32.48 3.45 0.00	59.94 3.68 -27.15	36.44 3.79 0.00	33.02 3.30 -1.83	38.34 3.47 -5.44	27.59 2.93 -0.08	24.88 2.47 0.00	26.54 2.71 0.00	47.15 4.54 -2.67	37.52 3.48 -1.56	44.85 4.04 -4.39	54.92 5.08 -2.64	38.25 4.03 -0.18	69.66 6.98 -3.67	36.55 3.76 -0.53	45.13 4.31 -1.81	22.27 2.24 -0.03
LIPA_MISC_IPP 23656	24.17 2.20 0.00	22.03 2.12 0.00	20.16 1.89 0.00	20.11 1.86 0.00	21.57 2.03 0.00	23.12 2.22 0.00	45.80 4.03 0.00	32.20 3.17 0.00	59.65 3.40 -27.15	35.86 3.21 0.00	32.50 2.78 -1.83	37.81 2.93 -5.44	27.11 2.45 -0.08	24.37 1.96 0.00	26.04 2.21 0.00	46.37 3.76 -2.67	36.93 2.89 -1.56	44.12 3.31 -4.39	54.02 4.18 -2.64	37.66 3.45 -0.18	68.58 5.90 -3.67	35.99 3.20 -0.53	44.46 3.64 -1.81	22.00 1.97 -0.03
LISF___SOLAR 323691	24.18 2.21 0.00	22.05 2.15 0.00	20.19 1.92 0.00	20.13 1.88 0.00	21.59 2.05 0.00	23.13 2.23 0.00	45.81 4.04 0.00	32.22 3.18 0.00	59.65 3.39 -27.15	35.85 3.20 0.00	32.49 2.77 -1.83	37.80 2.92 -5.44	27.10 2.44 -0.08	24.35 1.94 0.00	26.03 2.20 0.00	44.16 3.71 -0.50	35.36 2.88 0.00	41.97 3.30 -2.26	51.40 4.20 0.00	37.50 3.46 0.00	65.74 5.93 -0.80	35.47 3.21 0.00	42.66 3.64 0.00	21.99 1.98 0.00
LITTLE FALLS___HYD 24013	21.99 0.02 0.00	19.99 0.08 0.00	18.40 0.13 0.00	18.42 0.17 0.00	19.72 0.18 0.00	20.98 0.08 0.00	41.95 0.18 0.00	29.32 0.28 0.00	29.31 0.21 0.00	32.84 0.20 0.00	28.03 0.14 0.00	29.56 0.12 0.00	24.65 0.07 0.00	22.55 0.13 0.00	23.90 0.07 0.00	40.72 0.20 -0.58	32.84 -0.09 -0.46	37.40 0.34 -0.64	48.50 0.49 -0.81	34.57 0.48 -0.06	61.10 1.15 -0.94	32.80 0.37 -0.17	39.70 0.09 -0.59	20.08 0.06 -0.01
LITTLRIV_115KV_TB1 356100	21.49 -0.47 0.00	19.55 -0.35 0.00	17.95 -0.32 0.00	17.91 -0.34 0.00	19.19 -0.35 0.00	20.49 -0.42 0.00	41.05 -0.72 0.00	28.38 -0.65 0.00	28.40 -0.70 0.00	31.83 -0.81 0.00	27.24 -0.65 0.00	28.76 -0.67 0.00	23.99 -0.60 0.00	21.81 -0.60 0.00	23.16 -0.68 0.00	39.44 -1.19 -0.69	32.13 -0.82 -0.47	36.10 -0.97 -0.65	46.86 -1.18 -0.84	33.23 -0.86 -0.06	57.85 -2.13 -0.98	31.68 -0.76 -0.18	38.78 -0.85 -0.62	19.49 -0.53 -0.01
LI_NEWBRDGE___DRP 323616	24.02 2.05 0.00	21.83 1.92 0.00	20.00 1.73 0.00	19.95 1.70 0.00	21.39 1.85 0.00	22.91 2.00 0.00	45.55 3.78 0.00	31.98 2.95 0.00	59.39 3.14 -27.15	35.92 3.27 0.00	32.57 2.84 -1.83	37.90 3.02 -5.44	27.23 2.57 -0.08	24.59 2.18 0.00	26.21 2.38 0.00	46.53 3.92 -2.67	37.02 2.98 -1.56	44.28 3.48 -4.39	54.16 4.32 -2.64	37.65 3.44 -0.18	68.59 5.91 -3.67	36.00 3.22 -0.53	44.45 3.63 -1.81	21.94 1.91 -0.03
LOCKPORT_115KV_TB60_63_64 80432	20.91 -1.02 0.04	19.08 -0.82 0.00	17.41 -0.86 0.00	17.35 -0.89 0.00	18.65 -0.88 0.00	20.15 -0.75 0.00	40.56 -1.13 0.08	28.47 -0.56 0.00	28.58 -0.52 0.00	31.80 -0.85 0.00	27.18 -0.71 0.00	28.34 -1.10 0.00	23.56 -1.02 0.00	21.42 -0.99 0.00	22.88 -0.96 0.00	6.74 -0.40 32.80	9.08 -0.67 22.72	5.35 -0.71 30.36	7.22 -0.54 39.45	30.48 -0.96 2.59	14.87 -0.80 43.34	23.31 -0.91 8.04	10.96 -0.77 27.29	18.99 -0.64 0.38
LOCKPORT___CC1 323769	20.93 -0.99 0.04	19.08 -0.81 0.01	17.39 -0.85 0.03	17.35 -0.88 0.01	18.62 -0.86 0.05	19.93 -0.73 0.24	40.00 -1.11 0.66	28.35 -0.55 0.13	28.54 -0.47 0.10	31.72 -0.82 0.10	27.10 -0.71 0.07	28.37 -1.07 0.00	23.57 -1.01 0.00	21.44 -0.97 0.00	22.90 -0.93 0.00	7.74 -0.33 31.87	10.13 -0.62 21.73	7.66 -0.68 28.08	8.19 -0.52 38.49	30.59 -0.92 2.53	16.09 -0.67 42.24	23.54 -0.88 7.84	11.75 -0.66 26.60	19.02 -0.61 0.38
LOCKPORT___CC2 323770	20.93 -0.99 0.04	19.08 -0.81 0.01	17.39 -0.85 0.03	17.35 -0.88 0.01	18.62 -0.86 0.05	19.93 -0.73 0.24	40.00 -1.11 0.66	28.35 -0.55 0.13	28.54 -0.47 0.10	31.72 -0.82 0.10	27.10 -0.71 0.07	28.37 -1.07 0.00	23.57 -1.01 0.00	21.44 -0.97 0.00	22.90 -0.93 0.00	7.74 -0.33 31.87	10.13 -0.62 21.73	7.66 -0.68 28.08	8.19 -0.52 38.49	30.59 -0.92 2.53	16.09 -0.67 42.24	23.54 -0.88 7.84	11.75 -0.66 26.60	19.02 -0.61 0.38
LOCKPORT___CC3 323771	20.93 -0.99 0.04	19.08 -0.81 0.01	17.39 -0.85 0.03	17.35 -0.88 0.01	18.62 -0.86 0.05	19.93 -0.73 0.24	40.00 -1.11 0.66	28.35 -0.55 0.13	28.54 -0.47 0.10	31.72 -0.82 0.10	27.10 -0.71 0.07	28.37 -1.07 0.00	23.57 -1.01 0.00	21.44 -0.97 0.00	22.90 -0.93 0.00	7.74 -0.33 31.87	10.13 -0.62 21.73	7.66 -0.68 28.08	8.19 -0.52 38.49	30.59 -0.92 2.53	16.09 -0.67 42.24	23.54 -0.88 7.84	11.75 -0.66 26.60	19.02 -0.61 0.38

LONG_LAKE_PHOENIX 24014	21.67 -0.30 0.00	19.64 -0.26 0.00	18.02 -0.25 0.00	17.99 -0.25 0.00	19.28 -0.26 0.00	20.66 -0.24 0.00	41.37 -0.40 0.00	28.83 -0.20 0.00	28.89 -0.22 0.00	32.36 -0.28 0.00	27.63 -0.26 0.00	29.13 -0.31 0.00	24.30 -0.29 0.00	22.17 -0.24 0.00	23.54 -0.29 0.00	43.25 -0.40 -3.70	34.58 -0.37 -2.48	39.49 -0.34 -3.41	51.24 -0.41 -4.45	34.08 -0.27 -0.31	63.95 -0.30 -5.24	32.95 -0.28 -0.97	41.93 -0.38 -3.30	19.81 -0.23 -0.03
LOVETT___3 23632	23.69 1.72 0.00	21.46 1.55 0.00	19.72 1.45 0.00	19.69 1.44 0.00	21.06 1.52 0.00	22.53 1.62 0.00	45.01 3.24 0.00	31.48 2.45 0.00	31.61 2.51 0.00	35.47 2.82 0.00	30.23 2.34 0.00	31.88 2.44 0.00	26.72 2.13 0.00	24.33 1.92 0.00	25.88 2.04 0.00	45.40 3.23 -2.22	36.71 2.63 -1.60	43.86 3.05 -4.39	53.71 3.81 -2.70	37.09 2.88 -0.18	67.08 5.13 -2.94	35.56 2.75 -0.55	43.87 3.01 -1.85	21.62 1.58 -0.03
LOVETT___4 23642	23.69 1.72 0.00	21.46 1.55 0.00	19.72 1.45 0.00	19.69 1.44 0.00	21.06 1.52 0.00	22.53 1.62 0.00	45.01 3.24 0.00	31.48 2.45 0.00	31.61 2.51 0.00	35.47 2.82 0.00	30.23 2.34 0.00	31.88 2.44 0.00	26.72 2.13 0.00	24.33 1.92 0.00	25.88 2.04 0.00	45.40 3.23 -2.22	36.71 2.63 -1.60	43.86 3.05 -4.39	53.71 3.81 -2.70	37.09 2.88 -0.18	67.08 5.13 -2.94	35.56 2.75 -0.55	43.87 3.01 -1.85	21.62 1.58 -0.03
LOVETT___5 23593	23.69 1.72 0.00	21.46 1.55 0.00	19.72 1.45 0.00	19.69 1.44 0.00	21.06 1.52 0.00	22.53 1.62 0.00	45.01 3.24 0.00	31.48 2.45 0.00	31.61 2.51 0.00	35.47 2.82 0.00	30.23 2.34 0.00	31.88 2.44 0.00	26.72 2.13 0.00	24.33 1.92 0.00	25.88 2.04 0.00	45.40 3.23 -2.22	36.71 2.63 -1.60	43.86 3.05 -4.39	53.71 3.81 -2.70	37.09 2.88 -0.18	67.08 5.13 -2.94	35.56 2.75 -0.55	43.87 3.01 -1.85	21.62 1.58 -0.03
LOWER RAQUET___HYD 24057	21.17 -0.79 0.00	19.24 -0.67 0.00	17.66 -0.61 0.00	17.62 -0.62 0.00	18.88 -0.66 0.00	20.18 -0.72 0.00	40.41 -1.36 0.00	27.95 -1.09 0.00	27.97 -1.14 0.00	31.33 -1.32 0.00	26.80 -1.09 0.00	28.34 -1.10 0.00	23.61 -0.98 0.00	21.47 -0.94 0.00	22.80 -1.04 0.00	38.15 -1.80 0.00	31.16 -1.32 0.00	34.92 -1.53 -0.04	45.27 -1.94 0.00	32.65 -1.39 0.00	55.96 -3.05 0.00	31.01 -1.25 0.00	37.59 -1.42 0.00	19.20 -0.81 0.00
LOWER___HUDSON 24059	22.93 0.97 0.00	20.74 0.84 0.00	19.07 0.79 0.00	19.06 0.81 0.00	20.46 0.92 0.00	21.82 0.91 0.00	43.53 1.76 0.00	30.34 1.30 0.00	30.35 1.25 0.00	34.05 1.40 0.00	29.07 1.19 0.00	30.64 1.21 0.00	25.65 1.06 0.00	23.41 1.00 0.00	24.90 1.07 0.00	41.72 1.78 0.00	33.91 1.43 0.00	40.90 1.75 -2.73	49.45 2.24 0.00	35.78 1.74 0.00	61.99 2.98 0.00	33.76 1.51 0.00	40.56 1.55 0.00	20.91 0.91 0.00
LOWVILLE_115KV_TB2 356335	22.06 0.10 0.00	20.04 0.13 0.00	18.38 0.11 0.00	18.36 0.11 0.00	19.70 0.16 0.00	21.10 0.19 0.00	42.39 0.63 0.00	29.35 0.32 0.00	29.19 0.09 0.00	32.55 -0.10 0.00	27.79 -0.10 0.00	29.23 -0.20 0.00	24.20 -0.39 0.00	22.01 -0.40 0.00	23.20 -0.63 0.00	40.69 -1.05 -1.81	33.00 -0.71 -1.24	37.79 -0.31 -1.68	49.18 -0.18 -2.16	34.18 -0.01 -0.15	62.00 0.47 -2.53	33.04 0.32 -0.47	40.97 0.37 -1.59	20.11 0.08 -0.02
LUTHERFT_115KV_GLOB_FND_222 355753	23.20 1.23 0.00	20.96 1.06 0.00	19.23 0.96 0.00	19.22 0.97 0.00	20.64 1.11 0.00	22.11 1.20 0.00	44.20 2.43 0.00	30.82 1.79 0.00	30.87 1.76 0.00	34.58 1.93 0.00	29.51 1.62 0.00	31.09 1.65 0.00	26.02 1.44 0.00	23.75 1.33 0.00	25.23 1.40 0.00	44.00 2.39 -1.66	35.57 1.89 -1.20	43.20 2.37 -4.42	52.33 3.10 -2.03	36.52 2.36 -0.13	65.36 4.14 -2.21	34.77 2.10 -0.41	42.65 2.24 -1.39	21.24 1.21 -0.02
LUTHERNY_35_KV_BK2 355980	23.18 1.22 0.00	20.95 1.05 0.00	19.22 0.95 0.00	19.21 0.96 0.00	20.65 1.11 0.00	22.12 1.21 0.00	44.23 2.46 0.00	30.84 1.81 0.00	30.89 1.78 0.00	34.57 1.93 0.00	29.50 1.61 0.00	31.08 1.64 0.00	26.00 1.42 0.00	23.73 1.32 0.00	25.21 1.38 0.00	43.99 2.39 -1.66	35.55 1.87 -1.20	43.21 2.38 -4.42	52.33 3.10 -2.03	36.54 2.38 -0.13	65.46 4.24 -2.21	34.79 2.13 -0.41	42.65 2.25 -1.39	21.24 1.21 -0.02
LWR___OSWEGATCHIE_HYD 23850	21.37 -0.59 0.00	19.38 -0.53 0.00	17.77 -0.49 0.00	17.75 -0.50 0.00	19.04 -0.50 0.00	20.41 -0.49 0.00	40.95 -0.82 0.00	28.33 -0.70 0.00	28.27 -0.84 0.00	31.60 -1.04 0.00	27.01 -0.88 0.00	28.48 -0.96 0.00	23.64 -0.94 0.00	21.50 -0.92 0.00	22.74 -1.10 0.00	39.42 -1.82 -1.30	32.00 -1.36 -0.89	36.29 -1.34 -1.22	47.16 -1.62 -1.57	33.08 -1.07 -0.11	58.89 -1.96 -1.84	31.78 -0.82 -0.34	39.22 -0.96 -1.16	19.43 -0.59 -0.01
LYONS_FALL_HYD 23570	22.21 0.24 0.00	20.18 0.27 0.00	18.51 0.24 0.00	18.48 0.24 0.00	19.82 0.28 0.00	21.21 0.31 0.00	42.59 0.82 0.00	29.61 0.58 0.00	29.60 0.49 0.00	33.08 0.44 0.00	28.24 0.35 0.00	29.70 0.27 0.00	24.68 0.10 0.00	22.50 0.09 0.00	23.81 -0.03 0.00	39.88 -0.07 0.00	32.52 0.04 0.00	36.68 0.18 -0.09	47.55 0.35 0.00	34.40 0.37 0.00	60.03 1.03 0.00	32.80 0.55 0.00	39.61 0.60 0.00	20.23 0.22 0.00
MADISON___COUNTY_LFGE 323628	22.63 0.67 0.00	20.57 0.67 0.00	18.87 0.60 0.00	18.85 0.60 0.00	20.21 0.67 0.00	21.60 0.69 0.00	43.39 1.62 0.00	30.22 1.19 0.00	30.32 1.21 0.00	33.93 1.28 0.00	28.91 1.02 0.00	30.34 0.91 0.00	25.29 0.71 0.00	23.10 0.69 0.00	24.52 0.68 0.00	44.11 1.15 -3.01	35.48 0.93 -2.07	40.46 1.18 -2.87	52.50 1.62 -3.69	35.57 1.27 -0.25	65.81 2.53 -4.27	34.31 1.26 -0.79	43.08 1.38 -2.69	20.67 0.63 -0.03
MALONE___115KV_TB1 356076	21.91 -0.05 0.00	19.85 -0.05 0.00	18.27 0.00 0.00	18.25 0.00 0.00	19.58 0.04 0.00	21.02 0.12 0.00	42.14 0.37 0.00	29.35 0.32 0.00	29.37 0.26 0.00	32.85 0.21 0.00	28.14 0.25 0.00	29.78 0.34 0.00	24.80 0.22 0.00	22.54 0.13 0.00	24.00 0.16 0.00	40.64 0.25 -0.44	33.20 0.42 -0.30	37.16 0.32 -0.42	48.16 0.41 -0.55	34.50 0.43 -0.04	59.96 0.32 -0.64	32.74 0.37 -0.12	39.96 0.55 -0.40	20.14 0.13 0.00
MAPLEWOD_115KV_TB3 80458	22.94 0.98 0.00	20.71 0.81 0.00	19.08 0.82 0.00	19.07 0.83 0.00	20.45 0.91 0.00	21.84 0.93 0.00	43.63 1.86 0.00	30.43 1.40 0.00	30.47 1.36 0.00	34.18 1.53 0.00	29.16 1.27 0.00	30.68 1.24 0.00	25.68 1.10 0.00	23.46 1.05 0.00	24.91 1.07 0.00	43.41 1.79 -1.68	35.19 1.51 -1.21	42.63 1.83 -4.38	51.59 2.34 -2.05	36.00 1.83 -0.13	64.41 3.17 -2.23	34.21 1.54 -0.41	42.01 1.59 -1.41	20.93 0.90 -0.02
MAPLE RIDGE_WT_1 323574	21.84 -0.12 0.00	19.80 -0.10 0.00	18.18 -0.09 0.00	18.16 -0.09 0.00	19.43 -0.11 0.00	20.78 -0.13 0.00	41.51 -0.26 0.00	28.78 -0.25 0.00	28.85 -0.25 0.00	32.36 -0.29 0.00	27.67 -0.22 0.00	29.24 -0.20 0.00	24.41 -0.17 0.00	22.23 -0.18 0.00	23.60 -0.24 0.00	39.41 -0.53 0.00	32.11 -0.37 0.00	35.97 -0.45 0.00	46.63 -0.58 0.00	33.55 -0.48 0.00	58.07 -0.94 0.00	31.95 -0.31 0.00	38.69 -0.32 0.00	19.84 -0.17 0.00

MAPLE_RIDGE_WT_2 323611	21.84 -0.12 0.00	19.80 -0.10 0.00	18.18 -0.09 0.00	18.16 -0.09 0.00	19.43 -0.11 0.00	20.78 -0.13 0.00	41.51 -0.26 0.00	28.78 -0.25 0.00	28.85 -0.25 0.00	32.36 -0.29 0.00	27.67 -0.22 0.00	29.24 -0.20 0.00	24.41 -0.17 0.00	22.23 -0.18 0.00	23.60 -0.24 0.00	39.41 -0.53 0.00	32.11 -0.37 0.00	35.97 -0.45 0.00	46.63 -0.58 0.00	33.55 -0.48 0.00	58.07 -0.94 0.00	31.95 -0.31 0.00	38.69 -0.32 0.00	19.84 -0.17 0.00
MARBLE_RIVER_WT_PWR 323696	21.87 -0.10 0.00	19.80 -0.10 0.00	18.24 -0.03 0.00	18.23 -0.02 0.00	19.56 0.02 0.00	21.02 0.12 0.00	42.11 0.34 0.00	29.36 0.33 0.00	29.38 0.28 0.00	32.85 0.21 0.00	28.16 0.28 0.00	29.82 0.38 0.00	24.84 0.25 0.00	22.57 0.16 0.00	24.06 0.23 0.00	40.29 0.34 0.00	32.98 0.49 0.00	36.83 0.42 0.00	47.67 0.47 0.00	34.51 0.48 0.00	59.54 0.53 0.00	32.66 0.40 0.00	39.65 0.63 0.00	20.18 0.17 0.00
MARSHVLE_115KV_TB1 80742	23.48 1.52 0.00	21.20 1.30 0.00	19.33 1.06 0.00	19.27 1.03 0.00	20.69 1.16 0.00	22.35 1.45 0.00	44.94 3.16 0.00	31.30 2.27 0.00	31.46 2.35 0.00	35.20 2.56 0.00	29.99 2.10 0.00	31.47 2.03 0.00	26.28 1.70 0.00	23.90 1.49 0.00	25.35 1.51 0.00	44.69 2.37 -2.37	36.30 2.10 -1.72	44.61 2.56 -5.62	53.58 3.45 -2.93	36.74 2.51 -0.19	66.66 4.46 -3.20	35.34 2.49 -0.59	43.94 2.91 -2.02	21.39 1.35 -0.03
MARSH_HILL_WT_PWR 323713	22.49 0.53 0.00	20.45 0.55 0.00	18.69 0.41 0.00	18.61 0.37 0.00	19.98 0.44 0.00	21.53 0.63 0.00	45.82 1.49 -2.56	30.50 1.47 0.00	30.63 1.52 0.00	34.12 1.47 0.00	29.07 1.18 0.00	30.27 0.83 0.00	25.18 0.60 0.00	22.93 0.52 0.00	24.46 0.63 0.00	60.76 1.73 -19.09	46.48 0.99 -13.01	55.34 1.34 -17.57	72.17 1.91 -23.05	37.13 1.35 -1.74	91.05 2.99 -29.05	38.99 1.34 -5.39	59.02 1.71 -18.30	21.07 0.77 -0.29
MCINTYRE_115KV_TB2 80467	21.80 -0.17 0.00	19.80 -0.11 0.00	18.17 -0.10 0.00	18.13 -0.11 0.00	19.43 -0.11 0.00	20.78 -0.13 0.00	41.61 -0.16 0.00	28.76 -0.28 0.00	28.78 -0.33 0.00	32.27 -0.37 0.00	27.60 -0.29 0.00	29.15 -0.29 0.00	24.32 -0.27 0.00	22.12 -0.30 0.00	23.48 -0.35 0.00	39.94 -0.63 -0.63	32.54 -0.37 -0.43	36.52 -0.48 -0.59	47.43 -0.54 -0.77	33.69 -0.40 -0.05	58.54 -1.36 -0.89	32.08 -0.35 -0.17	39.24 -0.34 -0.56	19.76 -0.25 -0.01
MECO____69_KV_BK1 80468	23.95 1.98 0.00	21.91 2.01 0.00	19.93 1.66 0.00	19.90 1.65 0.00	21.36 1.83 0.00	22.79 1.89 0.00	45.97 4.20 0.00	32.33 3.30 0.00	32.27 3.17 0.00	35.96 3.31 0.00	30.66 2.77 0.00	31.95 2.51 0.00	26.69 2.11 0.00	24.34 1.92 0.00	25.42 1.59 0.00	44.79 2.72 -2.14	36.08 2.05 -1.54	45.69 4.03 -5.24	54.76 4.93 -2.63	37.86 3.65 -0.17	68.27 6.39 -2.87	36.24 3.45 -0.53	44.69 3.86 -1.81	21.85 1.81 -0.03
MENANDS__115KV_TB5 355628	22.61 0.65 0.00	20.43 0.52 0.00	18.84 0.57 0.00	18.82 0.57 0.00	20.16 0.63 0.00	21.52 0.61 0.00	42.95 1.18 0.00	29.94 0.91 0.00	29.97 0.87 0.00	33.67 1.02 0.00	28.76 0.88 0.00	30.33 0.89 0.00	25.34 0.75 0.00	23.14 0.73 0.00	24.61 0.77 0.00	42.91 1.28 -1.68	34.75 1.07 -1.21	42.09 1.31 -4.36	50.89 1.64 -2.05	35.48 1.31 -0.13	63.46 2.22 -2.23	33.70 1.03 -0.41	41.38 0.96 -1.41	20.64 0.61 -0.02
MG INDUSTRY__DRP 24185	22.74 0.78 0.00	20.54 0.64 0.00	18.90 0.63 0.00	18.89 0.65 0.00	20.27 0.73 0.00	21.65 0.75 0.00	43.21 1.44 0.00	30.10 1.06 0.00	30.11 1.00 0.00	33.76 1.11 0.00	28.82 0.93 0.00	30.38 0.94 0.00	25.40 0.82 0.00	23.18 0.77 0.00	24.66 0.82 0.00	43.05 1.39 -1.71	34.82 1.11 -1.23	42.12 1.37 -4.34	51.06 1.77 -2.09	35.52 1.35 -0.14	63.67 2.39 -2.28	33.82 1.14 -0.42	41.63 1.18 -1.43	20.72 0.69 -0.02
MID__OSWEGATCHIE_HYD 23849	21.37 -0.59 0.00	19.38 -0.53 0.00	17.77 -0.49 0.00	17.75 -0.50 0.00	19.04 -0.50 0.00	20.41 -0.49 0.00	40.95 -0.82 0.00	28.33 -0.70 0.00	28.27 -0.84 0.00	31.60 -1.04 0.00	27.01 -0.88 0.00	28.48 -0.96 0.00	23.64 -0.94 0.00	21.50 -0.92 0.00	22.74 -1.10 0.00	39.42 -1.82 -1.30	32.00 -1.36 -0.89	36.29 -1.34 -1.22	47.16 -1.62 -1.57	33.08 -1.07 -0.11	58.89 -1.96 -1.84	31.78 -0.82 -0.34	39.22 -0.96 -1.16	19.43 -0.59 -0.01
MID__RAQUETTE_HYD 23851	21.17 -0.80 0.00	19.24 -0.67 0.00	17.66 -0.61 0.00	17.62 -0.62 0.00	18.88 -0.66 0.00	20.18 -0.72 0.00	40.41 -1.36 0.00	27.95 -1.09 0.00	27.97 -1.14 0.00	31.33 -1.31 0.00	26.80 -1.09 0.00	28.34 -1.10 0.00	23.61 -0.98 0.00	21.47 -0.94 0.00	22.80 -1.04 0.00	38.88 -1.79 -0.72	31.66 -1.31 -0.50	35.56 -1.54 -0.68	46.15 -1.94 -0.88	32.71 -1.39 -0.06	56.99 -3.05 -1.03	31.20 -1.25 -0.19	38.24 -1.42 -0.65	19.21 -0.81 -0.01
MILLIKEN__1 23584	22.62 0.65 0.00	20.51 0.60 0.00	18.81 0.54 0.00	18.79 0.54 0.00	20.14 0.60 0.00	21.61 0.71 0.00	43.39 1.60 -0.02	30.33 1.30 0.00	30.37 1.26 0.00	34.01 1.36 0.00	28.96 1.07 0.00	30.41 0.97 0.00	25.38 0.79 0.00	23.14 0.73 0.00	24.60 0.76 0.00	62.77 1.31 -21.52	47.89 1.07 -14.34	57.38 1.28 -19.68	74.55 1.73 -25.62	37.18 1.37 -1.77	91.27 2.75 -29.51	39.07 1.34 -5.47	59.15 1.55 -18.58	20.93 0.70 -0.21
MILLIKEN__2 23585	22.62 0.65 0.00	20.51 0.60 0.00	18.81 0.54 0.00	18.79 0.54 0.00	20.14 0.60 0.00	21.61 0.71 0.00	43.39 1.60 -0.02	30.33 1.30 0.00	30.37 1.26 0.00	34.01 1.36 0.00	28.96 1.07 0.00	30.41 0.97 0.00	25.38 0.79 0.00	23.14 0.73 0.00	24.60 0.76 0.00	62.77 1.31 -21.52	47.89 1.07 -14.34	57.38 1.28 -19.68	74.55 1.73 -25.62	37.18 1.37 -1.77	91.27 2.75 -29.51	39.07 1.34 -5.47	59.15 1.55 -18.58	20.93 0.70 -0.21
MILLIKEN__DIESEL 23629	22.62 0.65 0.00	20.51 0.60 0.00	18.81 0.54 0.00	18.79 0.54 0.00	20.14 0.60 0.00	21.61 0.71 0.00	43.39 1.60 -0.02	30.33 1.30 0.00	30.37 1.26 0.00	34.01 1.36 0.00	28.96 1.07 0.00	30.41 0.97 0.00	25.38 0.79 0.00	23.14 0.73 0.00	24.60 0.76 0.00	62.77 1.31 -21.52	47.89 1.07 -14.34	57.38 1.28 -19.68	74.55 1.73 -25.62	37.18 1.37 -1.77	91.27 2.75 -29.51	39.07 1.34 -5.47	59.15 1.55 -18.58	20.93 0.70 -0.21
MILLSEAT__LFGE 323607	21.70 -0.22 0.05	19.76 -0.13 0.01	18.02 -0.22 0.02	17.99 -0.25 0.01	19.32 -0.17 0.05	20.73 0.05 0.22	41.85 0.60 0.52	29.63 0.71 0.12	29.79 0.78 0.09	33.10 0.55 0.09	28.23 0.41 0.07	29.48 0.05 0.00	24.50 -0.08 0.00	22.26 -0.15 0.00	23.76 -0.08 0.00	2.25 0.78 38.47	6.70 0.46 26.24	3.00 0.59 34.00	1.82 1.08 46.47	31.37 0.44 3.11	8.91 1.80 51.89	23.12 0.49 9.63	7.16 0.82 32.67	19.71 0.11 0.42
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.70 1.74 0.00	21.46 1.56 0.00	19.73 1.46 0.00	19.70 1.46 0.00	21.08 1.54 0.00	22.54 1.64 0.00	45.03 3.26 0.00	31.53 2.50 0.00	31.66 2.55 0.00	35.50 2.86 0.00	30.28 2.39 0.00	31.93 2.50 0.00	26.76 2.17 0.00	24.36 1.95 0.00	25.92 2.08 0.00	45.40 3.28 -2.18	36.71 2.67 -1.57	43.92 3.12 -4.39	53.74 3.89 -2.65	37.14 2.93 -0.17	67.10 5.21 -2.88	35.58 2.78 -0.53	43.88 3.05 -1.82	21.66 1.63 -0.03

MILLWOOD_13_KV_LOAD 356217	23.75 1.78 0.00	21.50 1.60 0.00	19.77 1.50 0.00	19.74 1.49 0.00	21.12 1.58 0.00	22.60 1.69 0.00	45.13 3.36 0.00	31.60 2.57 0.00	31.74 2.63 0.00	35.60 2.95 0.00	30.36 2.47 0.00	32.01 2.58 0.00	26.83 2.24 0.00	24.42 2.01 0.00	25.98 2.15 0.00	45.51 3.39 -2.18	36.79 2.75 -1.57	44.02 3.22 -4.39	53.87 4.02 -2.65	37.24 3.03 -0.17	67.27 5.38 -2.88	35.65 2.87 -0.53	43.98 3.15 -1.82	21.70 1.67 -0.03
MODEL_CITY_ENERGY 24167	20.67 -1.26 0.04	18.84 -1.05 0.01	17.18 -1.07 0.03	17.14 -1.09 0.01	18.38 -1.10 0.06	19.66 -0.99 0.25	39.49 -1.62 0.65	27.95 -0.95 0.13	28.15 -0.86 0.10	31.27 -1.26 0.11	26.74 -1.08 0.08	28.00 -1.44 0.00	23.27 -1.31 0.00	21.16 -1.25 0.00	22.61 -1.23 0.00	7.89 -0.66 31.39	10.20 -0.88 21.39	7.81 -0.98 27.63	8.38 -0.93 37.89	30.18 -1.37 2.48	16.06 -1.51 41.43	23.27 -1.30 7.69	11.73 -1.19 26.09	18.78 -0.86 0.37
MODERN_LFGE_ 323580	20.67 -1.26 0.04	18.84 -1.05 0.01	17.18 -1.07 0.03	17.14 -1.09 0.01	18.38 -1.10 0.06	19.66 -0.99 0.25	39.49 -1.62 0.65	27.95 -0.95 0.13	28.15 -0.86 0.10	31.27 -1.26 0.11	26.74 -1.08 0.08	28.00 -1.44 0.00	23.27 -1.31 0.00	21.16 -1.25 0.00	22.61 -1.23 0.00	7.89 -0.66 31.39	10.20 -0.88 21.39	7.81 -0.98 27.63	8.38 -0.93 37.89	30.18 -1.37 2.48	16.06 -1.51 41.43	23.27 -1.30 7.69	11.73 -1.19 26.09	18.78 -0.86 0.37
MOHAWK_PAPER___DRP 24187	22.94 0.98 0.00	20.71 0.81 0.00	19.08 0.82 0.00	19.07 0.83 0.00	20.45 0.91 0.00	21.84 0.93 0.00	43.63 1.86 0.00	30.43 1.40 0.00	30.47 1.36 0.00	34.18 1.53 0.00	29.16 1.27 0.00	30.68 1.24 0.00	25.68 1.10 0.00	23.46 1.05 0.00	24.91 1.07 0.00	43.41 1.79 -1.68	35.19 1.51 -1.21	42.63 1.83 -4.38	51.59 2.34 -2.05	36.00 1.83 -0.13	64.41 3.17 -2.23	34.21 1.54 -0.41	42.01 1.59 -1.41	20.93 0.90 -0.02
MOHICAN___35_KV_115KV_LD 80490	23.20 1.24 0.00	20.93 1.02 0.00	19.17 0.90 0.00	19.17 0.92 0.00	20.62 1.09 0.00	22.15 1.25 0.00	44.30 2.53 0.00	30.88 1.84 0.00	30.97 1.86 0.00	34.69 2.05 0.00	29.64 1.75 0.00	31.30 1.86 0.00	26.20 1.61 0.00	23.88 1.47 0.00	25.36 1.52 0.00	44.20 2.59 -1.66	35.63 1.96 -1.20	43.42 2.58 -4.42	52.60 3.37 -2.03	36.76 2.59 -0.13	65.70 4.49 -2.21	34.88 2.22 -0.41	42.77 2.37 -1.39	21.31 1.28 -0.02
MONGAUP___HYD 23641	23.62 1.65 0.00	21.41 1.50 0.00	19.66 1.40 0.00	19.63 1.38 0.00	21.00 1.47 0.00	22.38 1.48 0.00	44.31 2.54 0.00	30.88 1.84 0.00	31.00 1.89 0.00	35.01 2.36 0.00	29.82 1.93 0.00	31.40 1.96 0.00	26.20 1.61 0.00	23.82 1.41 0.00	25.31 1.48 0.00	42.37 2.43 0.00	34.46 1.98 0.00	40.75 2.19 -2.15	50.09 2.89 0.00	36.30 2.26 0.00	63.21 4.21 0.00	34.56 2.31 0.00	41.83 2.82 0.00	21.56 1.55 0.00
MONTAUK___DIESEL 23721	24.89 2.92 0.00	22.60 2.70 0.00	20.70 2.43 0.00	20.66 2.42 0.00	22.18 2.65 0.00	23.86 2.96 0.00	47.35 5.58 0.00	33.35 4.32 0.00	60.82 4.57 -27.15	37.05 4.41 0.00	33.55 3.83 -1.83	38.83 3.95 -5.44	27.86 3.19 -0.08	25.04 2.62 0.00	26.80 2.96 0.00	47.81 5.20 -2.67	38.06 4.02 -1.56	45.45 4.65 -4.39	55.76 5.92 -2.64	38.87 4.66 -0.18	70.88 8.20 -3.67	37.19 4.41 -0.53	45.94 5.11 -1.81	22.69 2.65 -0.03
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.10 0.16 0.03	20.14 0.23 0.00	18.51 0.24 0.00	18.44 0.19 0.00	19.98 0.44 0.00	21.63 0.73 0.00	43.74 2.04 0.07	30.87 1.84 0.00	31.08 1.98 0.00	34.57 1.93 0.00	29.50 1.61 0.00	30.41 0.97 0.00	25.20 0.61 0.00	22.90 0.49 0.00	24.76 0.93 0.00	20.41 2.18 21.71	18.49 1.32 15.31	17.55 1.61 20.47	23.39 2.48 26.30	34.26 1.68 1.45	38.62 3.89 24.27	29.39 1.63 4.50	25.98 2.25 15.28	20.66 0.88 0.23
MORTIMER_115KV_TB3 55949	21.35 -0.56 0.05	19.42 -0.49 0.00	17.74 -0.53 0.00	17.69 -0.55 0.00	19.02 -0.52 0.00	20.56 -0.35 0.00	41.39 -0.34 0.04	29.06 0.03 0.00	29.17 0.06 0.00	32.54 -0.11 0.00	27.78 -0.10 0.00	29.04 -0.39 0.00	24.15 -0.43 0.00	21.96 -0.45 0.00	23.40 -0.44 0.00	-7.38 -0.05 47.27	-0.38 -0.29 32.57	-6.79 -0.27 42.94	-9.78 -0.01 56.98	30.03 -0.13 3.87	-5.17 0.52 64.70	20.11 -0.14 12.00	-1.67 0.06 40.74	19.32 -0.22 0.47
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.80 1.84 0.00	21.56 1.66 0.00	19.83 1.57 0.00	19.79 1.55 0.00	21.17 1.63 0.00	22.64 1.73 0.00	45.21 3.44 0.00	31.69 2.65 0.00	31.85 2.75 0.00	35.71 3.07 0.00	30.47 2.58 0.00	32.14 2.70 0.00	26.94 2.36 0.00	24.51 2.10 0.00	26.07 2.24 0.00	45.64 3.52 -2.17	36.88 2.83 -1.56	44.12 3.31 -4.39	53.97 4.13 -2.64	37.30 3.09 -0.17	67.35 5.48 -2.87	35.71 2.92 -0.53	44.04 3.22 -1.81	21.76 1.72 -0.03
MUNSVILLE_WIND_PWR 323609	24.00 2.04 0.00	21.79 1.88 0.00	19.97 1.70 0.00	19.98 1.73 0.00	21.47 1.94 0.00	23.07 2.16 0.00	46.81 4.89 -0.15	32.64 3.60 0.00	32.70 3.60 0.00	36.48 3.83 0.00	30.89 3.00 0.00	32.26 2.83 0.00	26.75 2.17 0.00	24.35 1.94 0.00	25.94 2.11 0.00	56.06 3.29 -12.82	44.05 2.84 -8.74	52.00 3.38 -12.20	67.49 4.80 -15.48	38.76 3.68 -1.05	83.50 7.00 -17.49	39.05 3.55 -3.25	54.18 4.15 -11.01	22.12 1.98 -0.14
N SALMON___HYD 24042	21.91 -0.05 0.00	19.85 -0.05 0.00	18.27 0.00 0.00	18.25 0.00 0.00	19.58 0.04 0.00	21.02 0.12 0.00	42.14 0.37 0.00	29.35 0.32 0.00	29.37 0.26 0.00	32.85 0.20 0.00	28.14 0.25 0.00	29.78 0.34 0.00	24.80 0.22 0.00	22.54 0.13 0.00	24.00 0.17 0.00	40.20 0.25 0.00	32.90 0.42 0.00	36.74 0.32 0.00	47.61 0.41 0.00	34.46 0.43 0.00	59.33 0.32 0.00	32.62 0.37 0.00	39.56 0.55 0.00	20.14 0.13 0.00
N.AKRON___115KV_KNAPP 355671	21.28 -0.64 0.04	19.42 -0.48 0.00	17.72 -0.55 0.00	17.66 -0.58 0.00	19.01 -0.53 0.00	20.54 -0.36 0.00	41.40 -0.30 0.07	29.10 0.06 0.00	29.21 0.10 0.00	32.49 -0.16 0.00	27.74 -0.14 0.00	28.90 -0.54 0.00	24.02 -0.57 0.00	21.84 -0.58 0.00	23.31 -0.53 0.00	4.92 0.20 35.23	7.98 -0.13 24.37	3.88 -0.09 32.46	5.08 0.25 42.37	30.94 -0.29 2.81	12.54 0.44 46.90	23.31 -0.25 8.70	9.46 -0.02 29.53	19.34 -0.28 0.39
N.BELMOR_69_KV_BK1 55787	24.16 2.19 0.00	21.92 2.02 0.00	20.09 1.82 0.00	20.04 1.79 0.00	21.48 1.94 0.00	23.03 2.12 0.00	45.81 4.04 0.00	32.21 3.18 0.00	59.60 3.35 -27.15	36.19 3.54 0.00	32.80 3.08 -1.83	38.12 3.25 -5.44	27.43 2.76 -0.08	24.77 2.36 0.00	26.40 2.56 0.00	46.83 4.22 -2.67	37.29 3.26 -1.56	44.56 3.76 -4.39	54.45 4.61 -2.64	37.91 3.70 -0.18	69.09 6.41 -3.67	36.27 3.48 -0.53	44.77 3.95 -1.81	22.10 2.06 -0.03
N.E._GEN_SANDY PD 24062	24.06 1.21 -0.89	20.97 1.07 0.00	19.28 1.01 0.00	19.27 1.02 0.00	20.66 1.12 0.00	22.03 1.12 0.00	43.89 2.13 0.00	30.67 1.63 0.00	30.66 1.55 0.00	34.41 1.77 0.00	29.40 1.52 0.00	30.98 1.54 0.00	25.95 1.36 0.00	23.66 1.25 0.00	25.19 1.35 0.00	42.10 2.16 0.00	33.83 1.75 0.40	40.86 2.10 -2.34	49.84 2.64 0.00	36.41 2.06 -0.32	62.50 3.50 0.00	34.95 1.83 -0.86	40.22 1.89 0.68	21.29 1.11 -0.17

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.72 1.76 0.00	21.48 1.58 0.00	19.75 1.48 0.00	19.71 1.47 0.00	21.09 1.55 0.00	22.56 1.65 0.00	45.08 3.30 0.00	31.54 2.51 0.00	31.66 2.55 0.00	35.53 2.88 0.00	30.28 2.39 0.00	31.93 2.49 0.00	26.75 2.17 0.00	24.37 1.95 0.00	25.92 2.08 0.00	45.47 3.30 -2.23	36.76 2.69 -1.60	43.93 3.12 -4.40	53.80 3.89 -2.71	37.14 2.93 -0.18	67.20 5.25 -2.95	35.62 2.81 -0.55	43.95 3.08 -1.86	21.65 1.61 -0.03
N. QUEENS_27_KV_LOAD 356247	23.86 1.90 0.00	21.62 1.71 0.00	19.91 1.64 0.00	19.84 1.60 0.00	21.18 1.64 0.00	22.67 1.76 0.00	45.30 3.53 0.00	31.77 2.74 0.00	31.93 2.82 0.00	35.75 3.11 0.00	30.49 2.61 0.00	32.17 2.73 0.00	26.99 2.41 0.00	24.61 2.19 0.00	26.16 2.32 0.00	45.74 3.63 -2.17	36.95 2.91 -1.56	44.20 3.39 -4.39	54.01 4.17 -2.64	37.37 3.16 -0.17	67.51 5.63 -2.87	35.76 2.97 -0.53	44.17 3.35 -1.81	21.84 1.80 -0.03
N. TROY___115KV_TB1 355778	22.93 0.97 0.00	20.74 0.84 0.00	19.07 0.80 0.00	19.06 0.81 0.00	20.46 0.92 0.00	21.82 0.91 0.00	43.53 1.76 0.00	30.34 1.31 0.00	30.36 1.25 0.00	34.05 1.40 0.00	29.07 1.18 0.00	30.64 1.20 0.00	25.65 1.06 0.00	23.41 1.00 0.00	24.90 1.07 0.00	43.38 1.78 -1.66	35.11 1.44 -1.20	42.54 1.75 -4.37	51.48 2.24 -2.03	35.91 1.75 -0.13	64.20 2.98 -2.21	34.17 1.51 -0.41	41.95 1.55 -1.39	20.93 0.90 -0.02
NARROWS_GT1_1 24228	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NARROWS_GT1_2 24229	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NARROWS_GT1_3 24230	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NARROWS_GT1_4 24231	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NARROWS_GT1_5 24232	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NARROWS_GT1_6 24233	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NARROWS_GT1_7 24234	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NARROWS_GT1_8 24235	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NARROWS_GT2_1 24236	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NARROWS_GT2_2 24237	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NARROWS_GT2_3 24238	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NARROWS_GT2_4 24239	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00

NARROWS_GT2_5 24240	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NARROWS_GT2_6 24241	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NARROWS_GT2_7 24242	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NARROWS_GT2_8 24243	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.96 1.00 0.00	20.67 0.76 0.00	19.01 0.74 0.00	19.01 0.76 0.00	20.40 0.86 0.00	21.87 0.96 0.00	43.72 1.95 0.00	30.48 1.44 0.00	30.46 1.36 0.00	34.13 1.49 0.00	29.12 1.23 0.00	30.60 1.16 0.00	25.53 0.95 0.00	23.24 0.83 0.00	24.76 0.93 0.00	43.48 1.72 -1.82	35.04 1.25 -1.31	42.34 1.57 -4.35	51.56 2.15 -2.22	35.90 1.72 -0.15	64.74 3.32 -2.41	34.27 1.57 -0.45	42.15 1.61 -1.52	20.92 0.89 -0.02
NCHELSEA_115KV_TR2 355582	23.88 1.92 0.00	21.62 1.72 0.00	19.87 1.60 0.00	19.84 1.60 0.00	21.23 1.69 0.00	22.72 1.82 0.00	45.45 3.68 0.00	31.85 2.81 0.00	31.97 2.86 0.00	35.85 3.21 0.00	30.56 2.68 0.00	32.21 2.77 0.00	26.94 2.36 0.00	24.54 2.13 0.00	26.09 2.26 0.00	45.73 3.62 -2.17	36.99 2.96 -1.56	44.29 3.49 -4.39	54.28 4.44 -2.64	37.57 3.36 -0.17	67.88 6.00 -2.87	35.98 3.19 -0.53	44.34 3.53 -1.81	21.88 1.84 -0.03
NEG CAPITAL___MECHNVIL 23645	23.20 1.23 0.00	20.96 1.06 0.00	19.24 0.97 0.00	19.23 0.98 0.00	20.65 1.11 0.00	22.10 1.19 0.00	44.17 2.41 0.00	30.82 1.78 0.00	30.85 1.75 0.00	34.57 1.93 0.00	29.50 1.62 0.00	31.07 1.63 0.00	26.00 1.42 0.00	23.74 1.32 0.00	25.22 1.39 0.00	42.33 2.39 0.00	34.38 1.90 0.00	41.55 2.37 -2.77	50.29 3.09 0.00	36.39 2.35 0.00	63.11 4.11 0.00	34.40 2.14 0.00	41.27 2.26 0.00	21.22 1.21 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.14 -0.78 0.04	19.23 -0.68 0.00	17.58 -0.69 0.00	17.54 -0.70 0.00	18.85 -0.68 0.00	20.34 -0.56 0.00	40.86 -0.77 0.13	28.78 -0.26 0.00	28.85 -0.25 0.00	32.20 -0.45 0.00	27.47 -0.42 0.00	28.77 -0.67 0.00	23.94 -0.64 0.00	21.76 -0.65 0.00	23.19 -0.64 0.00	-3.97 -0.49 43.42	2.24 -0.64 29.60	-2.72 -0.68 38.46	-5.79 -0.56 52.43	29.96 -0.50 3.58	-0.99 -0.14 59.86	20.67 -0.48 11.10	0.93 -0.39 37.69	19.15 -0.43 0.43
NEG CENTRAL___DRP 24199	22.22 0.20 -0.06	20.11 0.21 0.00	18.42 0.15 0.00	18.41 0.16 0.00	19.74 0.20 0.00	21.21 0.30 0.00	42.55 0.75 -0.02	29.86 0.83 0.00	29.90 0.79 0.00	33.46 0.81 0.00	28.52 0.63 0.00	29.90 0.46 0.00	24.93 0.35 0.00	22.70 0.29 0.00	24.18 0.34 0.00	202.77 0.75 -162.07	143.51 0.47 -110.57	182.26 0.57 -145.27	244.39 0.91 -196.28	48.40 0.75 -13.61	288.09 1.66 -227.43	75.16 0.71 -42.19	183.06 0.83 -143.22	21.86 0.33 -1.52
NEG CENTRAL___INDECK 23768	23.28 1.32 0.00	21.04 1.12 -0.01	19.22 0.93 -0.02	19.15 0.90 -0.01	20.64 1.06 -0.04	22.52 1.43 -0.19	49.20 3.29 -4.15	31.74 2.61 -0.10	31.79 2.61 -0.08	35.22 2.49 -0.08	29.99 2.04 -0.06	30.97 1.53 0.00	25.73 1.15 0.00	22.81 0.40 0.00	24.16 0.32 0.00	35.38 1.35 5.91	32.93 0.90 0.45	38.03 1.17 -0.45	49.19 1.98 0.00	35.51 1.47 0.00	62.47 3.47 0.00	33.72 1.47 0.00	40.96 1.94 0.00	20.76 0.75 0.00
NEG CENTRAL___SENECA 23627	22.35 0.28 -0.10	20.24 0.34 0.00	18.53 0.26 0.00	18.52 0.27 -0.01	19.86 0.32 0.00	21.32 0.42 0.00	42.81 1.00 -0.04	30.11 1.07 0.00	30.16 1.06 0.00	33.68 1.04 0.00	28.72 0.83 0.00	30.07 0.63 0.00	25.04 0.46 0.00	22.78 0.37 0.00	24.30 0.46 0.00	306.66 1.02 -265.70	213.87 0.61 -180.79	274.60 0.73 -237.45	369.34 1.18 -320.96	57.25 0.95 -22.26	432.91 2.09 -371.82	102.12 0.88 -68.98	274.22 1.06 -234.14	22.93 0.43 -2.48
NEG CENTRAL___STATE_STREET 24147	22.43 0.45 -0.01	20.17 0.27 0.00	18.51 0.24 0.00	18.48 0.24 0.00	19.82 0.28 0.00	21.43 0.53 0.00	42.98 1.20 0.00	30.11 1.08 0.00	30.08 0.97 0.00	33.80 1.16 0.00	28.72 0.83 0.00	30.17 0.73 0.00	25.27 0.68 0.00	23.00 0.59 0.00	24.48 0.64 0.00	86.63 1.07 -45.61	63.73 0.93 -30.32	78.31 0.97 -40.92	103.68 1.44 -55.04	39.00 1.14 -3.82	125.14 2.28 -63.85	45.19 1.09 -11.85	80.50 1.28 -40.21	21.00 0.57 -0.43
NEG MILLWOOD___DRP 24198	23.89 1.93 0.00	21.63 1.72 0.00	19.88 1.61 0.00	19.85 1.60 0.00	21.24 1.70 0.00	22.74 1.83 0.00	45.48 3.70 0.00	31.87 2.84 0.00	32.01 2.90 0.00	35.89 3.24 0.00	30.60 2.71 0.00	32.25 2.81 0.00	26.99 2.41 0.00	24.59 2.17 0.00	26.14 2.31 0.00	45.80 3.70 -2.15	37.00 2.98 -1.55	44.30 3.50 -4.38	54.28 4.46 -2.62	37.57 3.37 -0.17	67.85 5.99 -2.85	35.96 3.17 -0.53	44.30 3.49 -1.80	21.86 1.83 -0.03
NEG NORTH_FLCN_SEA 23793	22.53 0.57 0.00	20.32 0.42 0.00	18.70 0.43 0.00	18.72 0.47 0.00	20.11 0.57 0.00	21.67 0.77 0.00	43.41 1.65 0.00	30.39 1.36 0.00	30.35 1.25 0.00	33.86 1.22 0.00	29.00 1.11 0.00	30.70 1.27 0.00	25.58 0.99 0.00	23.25 0.84 0.00	24.84 1.00 0.00	41.90 1.64 -0.32	34.25 1.55 -0.22	38.35 1.63 -0.31	49.51 1.92 -0.39	35.72 1.65 -0.03	62.03 2.56 -0.46	33.74 1.40 -0.09	41.29 1.98 -0.29	20.86 0.85 0.00
NEG NORTH_KES_CHATEGAY 23792	21.94 -0.02 0.00	19.87 -0.03 0.00	18.31 0.04 0.00	18.30 0.05 0.00	19.62 0.08 0.00	21.08 0.18 0.00	42.23 0.46 0.00	29.45 0.41 0.00	29.47 0.36 0.00	32.94 0.30 0.00	28.23 0.34 0.00	29.88 0.45 0.00	24.88 0.30 0.00	22.62 0.20 0.00	24.11 0.27 0.00	40.73 0.45 -0.34	33.30 0.59 -0.24	37.25 0.50 -0.33	48.24 0.61 -0.43	34.64 0.57 -0.03	60.20 0.69 -0.50	32.85 0.50 -0.09	40.09 0.76 -0.32	20.25 0.23 0.00

NEG NORTH___ALICE_FALLS 23915	22.43 0.46 0.00	20.24 0.34 0.00	18.62 0.36 0.00	18.64 0.39 0.00	20.02 0.48 0.00	21.57 0.67 0.00	43.25 1.48 0.00	30.27 1.24 0.00	30.24 1.13 0.00	33.73 1.09 0.00	28.89 1.00 0.00	30.57 1.14 0.00	25.47 0.88 0.00	23.13 0.73 0.00	24.72 0.88 0.00	41.69 1.43 -0.32	34.09 1.39 -0.22	38.18 1.45 -0.31	49.34 1.74 -0.40	35.58 1.51 -0.03	61.80 2.32 -0.46	33.63 1.29 -0.09	41.10 1.80 -0.29	20.76 0.74 0.00
NEG NORTH___LWR_SARANAC 23913	22.43 0.46 0.00	20.24 0.34 0.00	18.62 0.36 0.00	18.64 0.39 0.00	20.02 0.48 0.00	21.57 0.67 0.00	43.25 1.48 0.00	30.27 1.24 0.00	30.24 1.13 0.00	33.73 1.09 0.00	28.89 1.00 0.00	30.57 1.14 0.00	25.47 0.88 0.00	23.13 0.73 0.00	24.72 0.88 0.00	41.69 1.43 -0.32	34.09 1.39 -0.22	38.18 1.45 -0.31	49.34 1.74 -0.40	35.58 1.51 -0.03	61.80 2.32 -0.46	33.63 1.29 -0.09	41.10 1.80 -0.29	20.76 0.74 0.00
NEG NORTH___PLATTSBURG 23628	22.43 0.46 0.00	20.24 0.34 0.00	18.63 0.36 0.00	18.64 0.39 0.00	20.02 0.48 0.00	21.57 0.67 0.00	43.25 1.48 0.00	30.27 1.24 0.00	30.24 1.13 0.00	33.73 1.09 0.00	28.88 1.00 0.00	30.57 1.14 0.00	25.47 0.88 0.00	23.13 0.73 0.00	24.72 0.88 0.00	41.38 1.43 0.00	33.87 1.39 0.00	37.87 1.45 0.00	48.94 1.74 0.00	35.55 1.51 0.00	61.33 2.32 0.00	33.54 1.28 0.00	40.81 1.80 0.00	20.75 0.74 0.00
NEG WEST_LEA_LOCKPORT 23791	20.93 -0.99 0.04	19.09 -0.81 0.00	17.42 -0.85 0.00	17.36 -0.88 0.00	18.67 -0.86 0.00	20.17 -0.73 0.00	40.58 -1.11 0.08	28.50 -0.53 0.00	28.60 -0.50 0.00	31.82 -0.82 0.00	27.20 -0.69 0.00	28.36 -1.07 0.00	23.57 -1.01 0.00	21.44 -0.97 0.00	22.90 -0.93 0.00	7.50 -0.41 32.03	9.61 -0.68 22.19	6.03 -0.72 29.66	8.15 -0.56 38.49	30.58 -0.92 2.53	16.04 -0.73 42.24	23.54 -0.88 7.84	11.68 -0.73 26.60	19.01 -0.62 0.38
NEG WEST___LANCASTR 23811	21.98 0.05 0.04	20.06 0.15 0.00	18.30 0.03 0.00	18.23 -0.02 0.00	19.63 0.09 0.00	21.18 0.28 0.00	42.67 0.97 0.07	30.07 1.04 0.00	30.22 1.11 0.00	33.63 0.99 0.00	28.69 0.80 0.00	29.90 0.47 0.00	24.85 0.27 0.00	22.63 0.22 0.00	24.21 0.37 0.00	17.17 1.10 23.87	16.35 0.45 16.57	14.80 0.57 22.19	19.70 1.04 28.54	33.20 0.70 1.54	35.19 1.86 25.68	28.14 0.64 4.76	23.87 1.03 16.17	20.04 0.37 0.34
NEG_PENN_ALLEGHNY 23528	22.58 0.61 0.00	20.44 0.53 0.00	18.75 0.48 0.00	18.73 0.48 0.00	20.07 0.53 0.00	21.54 0.64 0.00	43.27 1.38 -0.12	30.16 1.12 0.00	30.27 1.17 0.00	33.90 1.26 0.00	28.92 1.03 0.00	30.39 0.95 0.00	25.37 0.79 0.00	23.13 0.73 0.00	24.64 0.81 0.00	49.96 1.52 -8.50	39.29 1.04 -5.78	46.04 1.27 -8.36	59.02 1.58 -10.24	35.93 1.23 -0.66	72.51 2.43 -11.06	35.48 1.17 -2.05	47.37 1.39 -6.97	20.77 0.66 -0.10
NEG___GEN_MONROE 24207	21.49 -0.42 0.05	19.57 -0.33 0.00	17.90 -0.37 0.00	17.83 -0.42 0.00	19.16 -0.37 0.00	20.73 -0.18 0.00	41.69 -0.03 0.05	29.33 0.29 0.00	29.36 0.25 0.00	32.70 0.05 0.00	27.92 0.03 0.00	29.17 -0.27 0.00	24.27 -0.31 0.00	22.04 -0.37 0.00	23.49 -0.35 0.00	-6.53 0.12 46.59	0.10 -0.17 32.21	-6.18 -0.12 42.48	-8.92 0.21 56.34	30.21 0.00 3.83	-4.07 0.84 63.92	20.46 0.06 11.86	-1.00 0.24 40.25	19.43 -0.11 0.47
NEPA___ENERGY 23901	21.80 -0.14 0.02	19.78 -0.12 0.00	18.10 -0.17 0.00	18.10 -0.14 0.00	19.39 -0.15 0.00	20.89 -0.01 0.00	41.85 0.10 0.02	29.32 0.29 0.00	29.41 0.30 0.00	32.87 0.22 0.00	28.06 0.17 0.00	29.33 -0.10 0.00	24.47 -0.12 0.00	22.34 -0.07 0.00	23.92 0.08 0.00	35.22 0.72 5.45	30.16 0.15 2.47	36.79 0.20 -0.17	41.05 0.36 6.52	33.75 0.47 0.75	47.89 1.48 12.59	30.38 0.46 2.34	31.92 0.84 7.93	20.22 0.28 0.07
NEVERSINK___HYD 23608	24.63 2.67 0.00	22.50 2.60 0.00	20.51 2.24 0.00	20.47 2.22 0.00	21.90 2.36 0.00	23.32 2.42 0.00	46.72 4.95 0.00	32.70 3.67 0.00	32.81 3.70 0.00	36.81 4.17 0.00	31.53 3.65 0.00	33.21 3.77 0.00	27.68 3.10 0.00	25.19 2.78 0.00	26.61 2.78 0.00	44.41 4.47 0.00	36.21 3.73 0.00	42.99 4.44 -2.14	52.98 5.78 0.00	38.35 4.32 0.00	66.76 7.75 0.00	36.40 4.15 0.00	43.68 4.67 0.00	22.41 2.40 0.00
NEWKRMKL_115KV_TB1 55635	22.51 0.55 0.00	20.35 0.45 0.00	18.77 0.50 0.00	18.75 0.50 0.00	20.08 0.54 0.00	21.43 0.52 0.00	42.78 1.01 0.00	29.82 0.79 0.00	29.85 0.74 0.00	33.51 0.87 0.00	28.62 0.74 0.00	30.17 0.73 0.00	25.24 0.65 0.00	23.04 0.63 0.00	24.50 0.66 0.00	42.70 1.08 -1.68	34.59 0.91 -1.21	41.92 1.14 -4.36	50.67 1.42 -2.05	35.31 1.14 -0.13	63.19 1.95 -2.23	33.55 0.89 -0.41	41.22 0.80 -1.41	20.54 0.51 -0.02
NEWTON___FALLS_HYD 23847	21.37 -0.59 0.00	19.38 -0.53 0.00	17.77 -0.49 0.00	17.75 -0.50 0.00	19.04 -0.50 0.00	20.41 -0.49 0.00	40.95 -0.82 0.00	28.33 -0.70 0.00	28.27 -0.84 0.00	31.60 -1.04 0.00	27.01 -0.88 0.00	28.48 -0.96 0.00	23.64 -0.94 0.00	21.50 -0.92 0.00	22.74 -1.10 0.00	39.42 -1.82 -1.30	32.00 -1.36 -0.89	36.29 -1.34 -1.22	47.16 -1.62 -1.57	33.08 -1.07 -0.11	58.89 -1.96 -1.84	31.78 -0.82 -0.34	39.22 -0.96 -1.16	19.43 -0.59 -0.01
NGRID_A1_DSASP 323792	20.61 -1.32 0.04	18.78 -1.11 0.02	17.12 -1.12 0.03	17.09 -1.15 0.01	18.31 -1.16 0.06	19.57 -1.05 0.28	39.25 -1.85 0.67	27.74 -1.14 0.15	27.87 -1.12 0.11	30.97 -1.55 0.12	26.47 -1.33 0.08	27.75 -1.69 0.00	23.07 -1.52 0.00	20.99 -1.42 0.00	22.42 -1.42 0.00	8.33 -1.49 30.12	10.51 -1.56 20.41	8.34 -1.73 26.34	9.23 -1.82 36.15	30.13 -1.54 2.37	17.39 -2.05 39.57	23.32 -1.60 7.34	12.57 -1.52 24.92	18.61 -1.04 0.36
NGRID_A2_DSASP 323793	20.61 -1.32 0.04	18.78 -1.11 0.02	17.12 -1.12 0.03	17.09 -1.15 0.01	18.31 -1.16 0.06	19.57 -1.05 0.28	39.25 -1.85 0.67	27.74 -1.14 0.15	27.87 -1.12 0.11	30.97 -1.55 0.12	26.47 -1.33 0.08	27.75 -1.69 0.00	23.07 -1.52 0.00	20.99 -1.42 0.00	22.42 -1.42 0.00	8.33 -1.49 30.12	10.51 -1.56 20.41	8.34 -1.73 26.34	9.23 -1.82 36.15	30.13 -1.54 2.37	17.39 -2.05 39.57	23.32 -1.60 7.34	12.57 -1.52 24.92	18.61 -1.04 0.36
NGRID_A4_DSASP 323807	20.60 -1.32 0.04	18.80 -1.11 0.00	17.14 -1.13 0.00	17.09 -1.15 0.00	18.37 -1.16 0.00	19.85 -1.05 0.00	39.83 -1.85 0.08	27.90 -1.13 0.00	27.95 -1.16 0.00	31.10 -1.55 0.00	26.58 -1.31 0.00	27.74 -1.69 0.00	23.06 -1.52 0.00	20.99 -1.42 0.00	22.42 -1.42 0.00	8.10 -1.58 30.27	9.96 -1.62 20.90	6.54 -1.79 28.09	9.19 -1.86 36.15	30.12 -1.55 2.37	17.33 -2.11 39.57	23.31 -1.60 7.34	12.52 -1.58 24.92	18.60 -1.05 0.36
NIAGARA_115E_LBMP 323715	20.53 -1.39 0.04	18.72 -1.17 0.01	17.07 -1.18 0.03	17.04 -1.20 0.01	18.26 -1.22 0.06	19.52 -1.13 0.26	39.20 -1.91 0.66	27.74 -1.15 0.14	27.94 -1.06 0.10	31.05 -1.49 0.11	26.54 -1.27 0.08	27.81 -1.62 0.00	23.12 -1.47 0.00	21.02 -1.39 0.00	22.46 -1.38 0.00	8.34 -0.84 30.77	10.48 -1.03 20.97	8.20 -1.15 27.07	8.92 -1.15 37.13	30.00 -1.61 2.42	16.56 -1.95 40.50	23.21 -1.53 7.51	12.05 -1.46 25.50	18.66 -0.99 0.37

NIAGARA_115W_LBMP 323714	20.56 -1.36 0.04	18.75 -1.14 0.02	17.08 -1.16 0.03	17.05 -1.19 0.01	18.27 -1.20 0.06	19.52 -1.10 0.28	39.16 -1.94 0.66	27.67 -1.22 0.15	27.79 -1.21 0.11	30.89 -1.64 0.12	26.40 -1.41 0.08	27.67 -1.77 0.00	23.00 -1.58 0.00	20.93 -1.48 0.00	22.36 -1.48 0.00	8.17 -1.61 30.17	10.37 -1.65 20.46	8.18 -1.84 26.40	9.02 -1.95 36.23	30.04 -1.62 2.38	17.09 -2.22 39.70	23.22 -1.68 7.36	12.38 -1.63 25.00	18.56 -1.09 0.36
NIAGARA_230_LBMP 323716	20.73 -1.19 0.04	18.90 -0.99 0.02	17.23 -1.01 0.03	17.20 -1.04 0.01	18.44 -1.04 0.07	19.67 -0.93 0.30	39.55 -1.57 0.64	28.00 -0.87 0.16	28.17 -0.81 0.12	31.34 -1.18 0.13	26.77 -1.03 0.09	28.05 -1.38 0.00	23.32 -1.26 0.00	21.22 -1.19 0.00	22.67 -1.16 0.00	8.43 -0.93 30.58	10.57 -1.10 20.81	8.33 -1.22 26.86	9.14 -1.21 36.85	30.37 -1.22 2.44	16.99 -1.22 40.79	23.49 -1.20 7.57	12.33 -1.00 25.68	18.86 -0.79 0.36
NIAGARA__115KV_198_GIBSON 55903	20.56 -1.36 0.04	18.76 -1.15 0.00	17.11 -1.16 0.00	17.06 -1.19 0.00	18.33 -1.20 0.00	19.80 -1.10 0.00	39.74 -1.95 0.08	27.82 -1.21 0.00	27.87 -1.24 0.00	31.01 -1.64 0.00	26.50 -1.39 0.00	27.66 -1.77 0.00	23.00 -1.58 0.00	20.93 -1.48 0.00	22.36 -1.48 0.00	7.93 -1.70 30.31	9.82 -1.72 20.95	6.37 -1.89 28.16	8.98 -1.99 36.23	30.03 -1.63 2.38	17.02 -2.28 39.70	23.21 -1.68 7.36	12.33 -1.69 25.00	18.55 -1.10 0.36
NIAGARA____ 23760	20.63 -1.29 0.04	18.81 -1.08 0.02	17.14 -1.10 0.03	17.11 -1.12 0.01	18.34 -1.14 0.06	19.59 -1.04 0.28	39.35 -1.77 0.64	27.86 -1.03 0.15	28.03 -0.97 0.11	31.16 -1.37 0.12	26.63 -1.18 0.08	27.91 -1.53 0.00	23.20 -1.38 0.00	21.11 -1.30 0.00	22.55 -1.29 0.00	8.34 -1.14 30.46	10.51 -1.26 20.71	8.28 -1.41 26.73	9.07 -1.49 36.65	30.21 -1.41 2.42	16.89 -1.74 40.37	23.36 -1.41 7.48	12.27 -1.35 25.40	18.73 -0.92 0.36
NINE_MILE_1 23575	21.43 -0.54 0.00	19.43 -0.47 0.00	17.83 -0.44 0.00	17.81 -0.44 0.00	19.08 -0.46 0.00	20.43 -0.48 0.00	40.87 -0.90 0.00	28.49 -0.54 0.00	28.55 -0.56 0.00	32.00 -0.65 0.00	27.32 -0.57 0.00	28.78 -0.65 0.00	24.03 -0.56 0.00	21.91 -0.50 0.00	23.30 -0.53 0.00	39.10 -0.85 0.00	31.77 -0.71 0.00	35.82 -0.76 -0.16	46.23 -0.97 0.00	33.36 -0.67 0.00	57.96 -1.05 0.00	31.59 -0.66 0.00	38.19 -0.82 0.00	19.57 -0.44 0.00
NINE_MILE_2 23744	21.43 -0.53 0.00	19.43 -0.47 0.00	17.83 -0.44 0.00	17.81 -0.44 0.00	19.08 -0.46 0.00	20.43 -0.47 0.00	40.87 -0.90 0.00	28.49 -0.54 0.00	28.55 -0.56 0.00	32.00 -0.65 0.00	27.33 -0.56 0.00	28.79 -0.65 0.00	24.03 -0.55 0.00	21.91 -0.50 0.00	23.30 -0.53 0.00	39.10 -0.84 0.00	31.77 -0.71 0.00	35.82 -0.76 -0.16	46.24 -0.97 0.00	33.36 -0.67 0.00	57.96 -1.04 0.00	31.60 -0.65 0.00	38.20 -0.82 0.00	19.57 -0.44 0.00
NM_CAPITAL____DRP 24208	22.59 0.63 0.00	20.42 0.51 0.00	18.82 0.55 0.00	18.81 0.56 0.00	20.14 0.61 0.00	21.50 0.59 0.00	42.90 1.13 0.00	29.91 0.87 0.00	29.93 0.82 0.00	33.61 0.96 0.00	28.71 0.82 0.00	30.25 0.82 0.00	25.29 0.71 0.00	23.09 0.68 0.00	24.57 0.73 0.00	42.82 1.20 -1.68	34.69 1.01 -1.21	42.01 1.24 -4.36	50.80 1.54 -2.05	35.41 1.24 -0.13	63.34 2.10 -2.23	33.64 0.97 -0.41	41.32 0.90 -1.41	20.60 0.57 -0.02
NM_CENTRAL____DRP 24181	21.89 -0.07 0.00	19.85 -0.05 0.00	18.21 -0.06 0.00	18.19 -0.05 0.00	19.49 -0.05 0.00	20.88 -0.02 0.00	41.82 0.06 0.00	29.17 0.14 0.00	29.25 0.14 0.00	32.78 0.14 0.00	27.98 0.09 0.00	29.46 0.02 0.00	24.59 0.01 0.00	22.42 0.01 0.00	23.86 0.02 0.00	45.62 0.11 -5.57	36.24 0.02 -3.75	41.61 0.08 -5.11	54.02 0.12 -6.70	34.63 0.13 -0.47	67.23 0.40 -7.83	33.80 0.09 -1.45	44.00 0.06 -4.93	20.05 -0.01 -0.05
NM_FRONTIER____DRP 24179	20.56 -1.36 0.04	18.76 -1.15 0.00	17.11 -1.16 0.00	17.06 -1.19 0.00	18.33 -1.20 0.00	19.80 -1.10 0.00	39.74 -1.95 0.08	27.82 -1.21 0.00	27.87 -1.24 0.00	31.01 -1.64 0.00	26.50 -1.39 0.00	27.66 -1.77 0.00	23.00 -1.58 0.00	20.93 -1.48 0.00	22.36 -1.48 0.00	7.93 -1.70 30.31	9.82 -1.72 20.95	6.37 -1.89 28.16	8.98 -1.99 36.23	30.03 -1.63 2.38	17.02 -2.28 39.70	23.21 -1.68 7.36	12.33 -1.69 25.00	18.55 -1.10 0.36
NM_ST_REGIS____HYD 24053	21.37 -0.59 0.00	19.40 -0.50 0.00	17.82 -0.45 0.00	17.79 -0.46 0.00	19.07 -0.47 0.00	20.40 -0.50 0.00	40.87 -0.90 0.00	28.32 -0.72 0.00	28.34 -0.76 0.00	31.74 -0.91 0.00	27.16 -0.73 0.00	28.72 -0.71 0.00	23.92 -0.66 0.00	21.76 -0.65 0.00	23.12 -0.72 0.00	39.35 -1.25 -0.66	32.09 -0.85 -0.46	36.01 -1.04 -0.63	46.70 -1.32 -0.81	33.18 -0.91 -0.06	57.79 -2.16 -0.95	31.62 -0.82 -0.18	38.72 -0.89 -0.60	19.46 -0.56 -0.01
NORTHPORT____1 23551	24.18 2.22 0.00	22.02 2.12 0.00	20.14 1.88 0.00	20.09 1.85 0.00	21.55 2.01 0.00	23.10 2.19 0.00	45.82 4.05 0.00	32.20 3.17 0.00	59.63 3.38 -27.15	36.04 3.40 0.00	32.66 2.94 -1.83	38.08 3.20 -5.44	27.34 2.67 -0.08	24.63 2.22 0.00	26.27 2.43 0.00	44.48 4.04 -0.50	35.55 3.07 0.00	42.28 3.60 -2.26	51.76 4.56 0.00	37.69 3.65 0.00	66.03 6.22 -0.80	35.60 3.34 0.00	42.89 3.87 0.00	22.05 2.04 0.00
NORTHPORT____2 23552	24.18 2.22 0.00	22.02 2.12 0.00	20.14 1.88 0.00	20.09 1.85 0.00	21.55 2.01 0.00	23.10 2.19 0.00	45.82 4.05 0.00	32.20 3.17 0.00	59.63 3.38 -27.15	36.04 3.40 0.00	32.66 2.94 -1.83	38.08 3.20 -5.44	27.34 2.67 -0.08	24.63 2.22 0.00	26.27 2.43 0.00	44.48 4.04 -0.50	35.55 3.07 0.00	42.28 3.60 -2.26	51.76 4.56 0.00	37.69 3.65 0.00	66.03 6.22 -0.80	35.60 3.34 0.00	42.89 3.87 0.00	22.05 2.04 0.00
NORTHPORT____3 23553	24.10 2.14 0.00	21.92 2.02 0.00	20.07 1.80 0.00	20.02 1.78 0.00	21.47 1.93 0.00	23.01 2.11 0.00	45.71 3.94 0.00	32.10 3.06 0.00	59.52 3.26 -27.15	35.99 3.34 0.00	32.62 2.90 -1.83	37.96 3.08 -5.44	27.27 2.61 -0.08	24.59 2.18 0.00	26.22 2.38 0.00	44.39 3.94 -0.50	35.48 3.00 0.00	42.19 3.51 -2.26	51.64 4.44 0.00	37.57 3.53 0.00	65.88 6.07 -0.80	35.52 3.26 0.00	42.74 3.73 0.00	21.98 1.97 0.00
NORTHPORT____4 23650	24.10 2.14 0.00	21.92 2.02 0.00	20.07 1.80 0.00	20.02 1.78 0.00	21.47 1.93 0.00	23.01 2.11 0.00	45.71 3.94 0.00	32.10 3.06 0.00	59.52 3.26 -27.15	35.99 3.34 0.00	32.62 2.90 -1.83	37.96 3.08 -5.44	27.27 2.61 -0.08	24.59 2.18 0.00	26.22 2.38 0.00	44.39 3.94 -0.50	35.48 3.00 0.00	42.19 3.51 -2.26	51.64 4.44 0.00	37.57 3.53 0.00	65.88 6.07 -0.80	35.52 3.26 0.00	42.74 3.73 0.00	21.98 1.97 0.00
NORTHPORT____IC 23718	24.18 2.22 0.00	22.02 2.12 0.00	20.14 1.88 0.00	20.09 1.85 0.00	21.55 2.01 0.00	23.10 2.19 0.00	45.82 4.05 0.00	32.20 3.17 0.00	59.63 3.38 -27.15	36.04 3.40 0.00	32.66 2.94 -1.83	38.08 3.20 -5.44	27.34 2.67 -0.08	24.63 2.22 0.00	26.27 2.43 0.00	44.48 4.04 -0.50	35.55 3.07 0.00	42.28 3.60 -2.26	51.76 4.56 0.00	37.69 3.65 0.00	66.03 6.22 -0.80	35.60 3.34 0.00	42.89 3.87 0.00	22.05 2.04 0.00

NORTH____COUNTRY_ESR 323785	21.88 -0.09 0.00	19.81 -0.09 0.00	18.25 -0.02 0.00	18.24 -0.01 0.00	19.56 0.02 0.00	21.02 0.12 0.00	42.09 0.32 0.00	29.34 0.31 0.00	29.37 0.26 0.00	32.84 0.20 0.00	28.15 0.26 0.00	29.80 0.37 0.00	24.83 0.25 0.00	22.56 0.15 0.00	24.05 0.21 0.00	40.26 0.32 0.00	32.96 0.48 0.00	36.80 0.39 0.00	47.63 0.43 0.00	34.49 0.46 0.00	59.46 0.46 0.00	32.63 0.38 0.00	39.63 0.61 0.00	20.18 0.17 0.00
NPX_GEN_1385_PROXY 323591	23.82 1.86 0.00	22.14 2.23 0.00	20.14 1.88 0.00	20.10 1.85 0.00	21.60 2.07 0.00	22.87 1.96 0.00	45.34 3.53 -0.04	31.79 2.76 0.00	59.23 2.98 -27.15	35.25 2.60 0.00	31.82 2.10 -1.83	37.77 2.89 -5.44	26.90 2.23 -0.08	24.20 1.79 0.00	25.70 1.87 0.00	44.21 3.17 -1.10	34.57 2.10 0.00	41.45 2.77 -2.26	50.89 3.70 0.00	37.11 3.06 0.00	64.77 4.96 -0.80	34.77 2.51 0.00	42.19 3.18 0.00	21.62 1.61 0.00
NPX_GEN_CSC 323557	24.07 2.10 0.00	21.98 2.08 0.00	20.12 1.85 0.00	20.07 1.82 0.00	21.52 1.99 0.00	23.06 2.15 0.00	45.68 3.88 -0.04	32.14 3.11 0.00	59.56 3.31 -27.15	35.63 2.98 0.00	32.31 2.59 -1.83	37.60 2.72 -5.44	26.93 2.26 -0.08	24.20 1.79 0.00	25.86 2.02 0.00	44.47 3.42 -1.10	35.12 2.64 0.00	41.71 3.03 -2.26	51.04 3.83 0.00	37.25 3.21 0.00	65.32 5.51 -0.80	35.24 2.98 0.00	42.36 3.35 0.00	21.83 1.82 0.00
NSINS_S_GLNS_FALLS 23858	23.19 1.23 0.00	20.91 1.01 0.00	19.16 0.89 0.00	19.16 0.91 0.00	20.61 1.07 0.00	22.14 1.24 0.00	44.28 2.51 0.00	30.87 1.84 0.00	30.95 1.85 0.00	34.67 2.03 0.00	29.61 1.72 0.00	31.33 1.89 0.00	26.26 1.68 0.00	23.95 1.54 0.00	25.38 1.54 0.00	44.19 2.58 -1.66	35.64 1.96 -1.20	43.41 2.57 -4.42	52.60 3.37 -2.03	36.74 2.57 -0.13	65.68 4.46 -2.21	34.87 2.21 -0.41	42.77 2.36 -1.39	21.30 1.27 -0.02
NUCOR_STEEL____DRP 24197	22.24 0.27 0.00	20.15 0.24 0.00	18.47 0.20 0.00	18.45 0.21 0.00	19.77 0.24 0.00	21.23 0.33 0.00	42.58 0.81 0.00	29.85 0.82 0.00	29.81 0.70 0.00	33.53 0.88 0.00	28.47 0.58 0.00	29.92 0.48 0.00	25.09 0.51 0.00	22.83 0.42 0.00	24.29 0.45 0.00	62.78 0.72 -22.11	47.95 0.68 -14.79	56.72 0.67 -19.63	74.52 1.06 -26.26	36.72 0.86 -1.83	91.33 1.80 -30.53	38.76 0.84 -5.66	59.21 0.97 -19.22	20.61 0.40 -0.20
NUMBER_THREE_WT_PWR 323818	22.03 0.07 0.00	20.01 0.11 0.00	18.36 0.09 0.00	18.32 0.08 0.00	19.66 0.12 0.00	21.07 0.17 0.00	42.34 0.57 0.00	29.32 0.28 0.00	29.17 0.07 0.00	32.53 -0.11 0.00	27.78 -0.11 0.00	29.22 -0.22 0.00	24.19 -0.40 0.00	22.00 -0.41 0.00	23.19 -0.65 0.00	38.88 -1.06 0.00	31.75 -0.72 0.00	36.15 -0.36 -0.09	46.92 -0.28 0.00	33.96 -0.07 0.00	59.36 0.36 0.00	32.52 0.26 0.00	39.32 0.31 0.00	20.06 0.05 0.00
NYISO_LBMP_REFERENCE 24008	21.96 0.00 0.00	19.90 0.00 0.00	18.27 0.00 0.00	18.25 0.00 0.00	19.54 0.00 0.00	20.90 0.00 0.00	41.77 0.00 0.00	29.03 0.00 0.00	29.11 0.00 0.00	32.64 0.00 0.00	27.89 0.00 0.00	29.44 0.00 0.00	24.58 0.00 0.00	22.41 0.00 0.00	23.84 0.00 0.00	39.94 0.00 0.00	32.48 0.00 0.00	36.42 0.00 0.00	47.20 0.00 0.00	34.04 0.00 0.00	59.01 0.00 0.00	32.25 0.00 0.00	39.01 0.00 0.00	20.01 0.00 0.00
NYPA_BRENTWD____GT 24164	24.39 2.43 0.00	22.16 2.26 0.00	20.28 2.01 0.00	20.23 1.98 0.00	21.69 2.16 0.00	23.28 2.38 0.00	46.09 4.32 0.00	32.41 3.38 0.00	59.94 3.69 -27.15	36.40 3.75 0.00	32.98 3.25 -1.83	38.33 3.45 -5.44	27.56 2.89 -0.08	24.83 2.42 0.00	26.50 2.67 0.00	44.90 4.46 -0.50	35.92 3.44 0.00	42.67 3.99 -2.26	52.26 5.06 0.00	38.08 4.04 0.00	66.72 6.91 -0.80	35.90 3.65 0.00	43.29 4.28 0.00	22.26 2.24 0.00
NYPA_GOWANUS____GT5 24156	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NYPA_GOWANUS____GT6 24157	23.92 1.95 0.00	21.67 1.77 0.00	19.94 1.67 0.00	19.90 1.65 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.63 2.74 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	43.64 3.69 0.00	35.49 3.01 0.00	42.17 3.49 -2.26	51.51 4.30 0.00	37.28 3.25 0.00	64.71 5.70 0.00	35.37 3.11 0.00	42.43 3.42 0.00	21.85 1.84 0.00
NYPA_HARLEM_RVR_GT1 24160	23.82 1.86 0.00	21.58 1.68 0.00	19.87 1.60 0.00	19.81 1.56 0.00	21.15 1.62 0.00	22.63 1.73 0.00	45.23 3.47 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.69 3.05 0.00	30.47 2.58 0.00	32.12 2.68 0.00	26.95 2.37 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.53 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.52 5.51 0.00	35.16 2.91 0.00	42.28 3.27 0.00	21.77 1.76 0.00
NYPA_HARLEM_RVR_GT2 24161	23.82 1.86 0.00	21.58 1.68 0.00	19.87 1.60 0.00	19.81 1.56 0.00	21.15 1.62 0.00	22.63 1.73 0.00	45.23 3.47 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.69 3.05 0.00	30.47 2.58 0.00	32.12 2.68 0.00	26.95 2.37 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.53 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.52 5.51 0.00	35.16 2.91 0.00	42.28 3.27 0.00	21.77 1.76 0.00
NYPA_KENT____GT 24152	23.88 1.91 0.00	21.64 1.73 0.00	19.92 1.65 0.00	19.87 1.62 0.00	21.23 1.69 0.00	22.69 1.79 0.00	45.36 3.60 0.00	31.82 2.79 0.00	31.98 2.87 0.00	35.85 3.20 0.00	30.60 2.71 0.00	32.27 2.84 0.00	27.07 2.48 0.00	24.63 2.21 0.00	26.18 2.35 0.00	43.62 3.67 0.00	35.46 2.98 0.00	42.13 3.45 -2.26	51.47 4.27 0.00	37.25 3.21 0.00	64.66 5.66 0.00	35.31 3.05 0.00	42.38 3.37 0.00	21.81 1.80 0.00
NYPA_POUCH1____GT 24155	23.94 1.98 0.00	21.72 1.82 0.00	19.99 1.72 0.00	19.95 1.70 0.00	21.31 1.77 0.00	22.76 1.86 0.00	45.40 3.63 0.00	31.89 2.85 0.00	31.98 2.87 0.00	35.81 3.16 0.00	30.56 2.67 0.00	32.26 2.82 0.00	27.04 2.46 0.00	24.48 2.06 0.00	26.03 2.19 0.00	43.21 3.33 0.06	35.45 2.97 0.00	42.05 3.37 -2.26	51.21 4.01 0.00	37.21 3.17 0.00	64.34 5.33 0.00	35.38 3.13 0.00	42.39 3.38 0.00	21.90 1.88 0.00
NYPA_VERNON____GT2 24162	23.84 1.88 0.00	21.60 1.70 0.00	19.89 1.62 0.00	19.85 1.60 0.00	21.21 1.67 0.00	22.66 1.76 0.00	45.30 3.54 0.00	31.78 2.75 0.00	31.95 2.84 0.00	35.82 3.17 0.00	30.57 2.68 0.00	32.23 2.80 0.00	27.03 2.45 0.00	24.60 2.19 0.00	26.16 2.33 0.00	43.58 3.64 0.00	35.42 2.94 0.00	42.09 3.42 -2.26	51.44 4.24 0.00	37.21 3.17 0.00	64.62 5.62 0.00	35.24 2.99 0.00	42.32 3.31 0.00	21.78 1.77 0.00

NYPA_VERNON____GT3 24163	23.84 1.88 0.00	21.60 1.70 0.00	19.89 1.62 0.00	19.85 1.60 0.00	21.21 1.67 0.00	22.66 1.76 0.00	45.30 3.54 0.00	31.78 2.75 0.00	31.95 2.84 0.00	35.82 3.17 0.00	30.57 2.68 0.00	32.23 2.80 0.00	27.03 2.45 0.00	24.60 2.19 0.00	26.16 2.33 0.00	43.58 3.64 0.00	35.42 2.94 0.00	42.09 3.42 -2.26	51.44 4.24 0.00	37.21 3.17 0.00	64.62 5.62 0.00	35.24 2.99 0.00	42.32 3.31 0.00	21.78 1.77 0.00
NYPA____ASTORIA_CC1 323568	23.81 1.85 0.00	21.58 1.68 0.00	19.88 1.61 0.00	19.83 1.58 0.00	21.19 1.65 0.00	22.64 1.74 0.00	45.24 3.47 0.00	31.73 2.70 0.00	31.89 2.79 0.00	35.75 3.10 0.00	30.52 2.63 0.00	32.18 2.74 0.00	26.98 2.40 0.00	24.57 2.16 0.00	26.13 2.29 0.00	43.51 3.56 0.00	35.36 2.88 0.00	42.02 3.35 -2.26	51.34 4.14 0.00	37.15 3.12 0.00	64.51 5.51 0.00	35.19 2.94 0.00	42.25 3.24 0.00	21.74 1.73 0.00
NYPA____ASTORIA_CC2 323569	23.81 1.85 0.00	21.58 1.68 0.00	19.88 1.61 0.00	19.83 1.58 0.00	21.19 1.65 0.00	22.64 1.74 0.00	45.24 3.47 0.00	31.73 2.70 0.00	31.89 2.79 0.00	35.75 3.10 0.00	30.52 2.63 0.00	32.18 2.74 0.00	26.98 2.40 0.00	24.57 2.16 0.00	26.13 2.29 0.00	43.51 3.56 0.00	35.36 2.88 0.00	42.02 3.35 -2.26	51.34 4.14 0.00	37.15 3.12 0.00	64.51 5.51 0.00	35.19 2.94 0.00	42.25 3.24 0.00	21.74 1.73 0.00
NYPA____HOLTSVILL 23794	24.26 2.30 0.00	22.06 2.16 0.00	20.19 1.92 0.00	20.14 1.89 0.00	21.60 2.06 0.00	23.18 2.27 0.00	45.92 4.15 0.00	32.26 3.23 0.00	59.70 3.44 -27.15	36.06 3.42 0.00	32.68 2.96 -1.83	38.01 3.13 -5.44	27.28 2.62 -0.08	24.55 2.14 0.00	26.22 2.39 0.00	44.44 4.00 -0.50	35.57 3.09 0.00	42.24 3.56 -2.26	51.68 4.48 0.00	37.68 3.63 0.00	66.02 6.22 -0.80	35.61 3.36 0.00	42.87 3.86 0.00	22.10 2.09 0.00
NYPA____HELLGATE_GT1 24158	23.82 1.86 0.00	21.58 1.68 0.00	19.87 1.60 0.00	19.81 1.56 0.00	21.15 1.62 0.00	22.63 1.73 0.00	45.23 3.47 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.69 3.05 0.00	30.47 2.58 0.00	32.12 2.68 0.00	26.95 2.37 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.53 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.52 5.51 0.00	35.17 2.91 0.00	42.28 3.27 0.00	21.77 1.76 0.00
NYPA____HELLGATE_GT2 24159	23.82 1.86 0.00	21.58 1.68 0.00	19.87 1.60 0.00	19.81 1.56 0.00	21.15 1.62 0.00	22.63 1.73 0.00	45.23 3.47 0.00	31.72 2.69 0.00	31.86 2.76 0.00	35.69 3.05 0.00	30.47 2.58 0.00	32.12 2.68 0.00	26.95 2.37 0.00	24.56 2.15 0.00	26.11 2.27 0.00	43.47 3.53 0.00	35.32 2.84 0.00	41.98 3.31 -2.26	51.28 4.07 0.00	37.13 3.10 0.00	64.52 5.51 0.00	35.17 2.91 0.00	42.28 3.27 0.00	21.77 1.76 0.00
NYS_BARGE____HYD 23848	20.91 -1.01 0.04	19.07 -0.82 0.01	17.38 -0.86 0.03	17.34 -0.89 0.01	18.60 -0.88 0.05	19.91 -0.75 0.24	40.00 -1.13 0.64	28.33 -0.57 0.13	28.52 -0.49 0.10	31.69 -0.84 0.10	27.08 -0.73 0.07	28.35 -1.09 0.00	23.56 -1.03 0.00	21.42 -0.99 0.00	22.88 -0.96 0.00	6.97 -0.31 32.65	9.61 -0.60 22.27	6.98 -0.65 28.79	7.26 -0.50 39.45	30.49 -0.96 2.59	14.93 -0.73 43.34	23.31 -0.90 8.04	11.02 -0.71 27.29	19.00 -0.63 0.38
OAK ORCHARD____HYD 24046	21.35 -0.56 0.05	19.41 -0.49 0.01	17.72 -0.53 0.02	17.68 -0.55 0.01	18.98 -0.52 0.04	20.37 -0.35 0.19	41.08 -0.34 0.34	28.96 0.02 0.10	29.11 0.08 0.07	32.46 -0.11 0.08	27.71 -0.12 0.06	29.04 -0.39 0.00	24.15 -0.43 0.00	21.96 -0.45 0.00	23.40 -0.43 0.00	-7.23 0.02 47.19	0.07 -0.24 32.17	-5.63 -0.23 41.81	-9.76 0.02 56.98	30.04 -0.12 3.87	-5.12 0.57 64.70	20.12 -0.13 12.00	-1.64 0.09 40.74	19.32 -0.21 0.47
OAKDALE____35_KV_LOAD 356122	22.55 0.59 0.00	20.42 0.51 0.00	18.73 0.46 0.00	18.72 0.47 0.00	20.05 0.51 0.00	21.51 0.61 0.00	43.08 1.30 -0.02	30.09 1.06 0.00	30.19 1.08 0.00	33.81 1.16 0.00	28.85 0.96 0.00	30.32 0.88 0.00	25.31 0.73 0.00	23.09 0.67 0.00	24.59 0.76 0.00	49.79 1.43 -8.42	39.63 0.98 -6.17	47.07 1.20 -9.45	59.35 1.51 -10.63	35.90 1.17 -0.69	72.81 2.32 -11.49	35.49 1.10 -2.13	47.59 1.34 -7.23	20.75 0.63 -0.10
OCC_CHEM____DRP 24175	20.60 -1.32 0.04	18.80 -1.11 0.00	17.14 -1.13 0.00	17.09 -1.15 0.00	18.37 -1.16 0.00	19.85 -1.05 0.00	39.83 -1.85 0.08	27.90 -1.13 0.00	27.95 -1.16 0.00	31.10 -1.55 0.00	26.58 -1.31 0.00	27.74 -1.69 0.00	23.06 -1.52 0.00	20.99 -1.42 0.00	22.42 -1.42 0.00	8.10 -1.58 30.27	9.96 -1.62 20.90	6.54 -1.79 28.09	9.19 -1.86 36.15	30.12 -1.55 2.37	17.33 -2.11 39.57	23.31 -1.60 7.34	12.52 -1.58 24.92	18.60 -1.05 0.36
OH_GEN_PROXY 24063	20.80 -1.12 0.04	18.96 -0.93 0.02	17.27 -0.96 0.04	17.26 -0.97 0.01	18.49 -0.97 0.08	19.67 -0.87 0.36	39.76 -1.44 0.57	28.09 -0.76 0.19	28.27 -0.69 0.14	31.46 -1.03 0.16	26.88 -0.90 0.11	28.19 -1.25 0.00	23.44 -1.14 0.00	21.33 -1.09 0.00	22.79 -1.05 0.00	9.67 -0.78 29.49	10.93 -1.00 20.55	8.77 -1.12 26.53	9.69 -1.10 36.41	30.50 -1.10 2.43	17.30 -1.03 40.68	23.63 -1.08 7.55	12.52 -0.88 25.62	18.94 -0.72 0.35
OLIN_CORP_DRP 24177	20.58 -1.34 0.04	18.77 -1.13 0.00	17.13 -1.14 0.00	17.08 -1.17 0.00	18.36 -1.18 0.00	19.82 -1.08 0.00	39.87 -1.82 0.08	27.97 -1.07 0.00	28.08 -1.03 0.00	31.23 -1.42 0.00	26.70 -1.19 0.00	27.87 -1.57 0.00	23.17 -1.42 0.00	21.07 -1.34 0.00	22.51 -1.33 0.00	8.70 -0.89 30.35	10.35 -1.07 21.06	7.03 -1.16 28.23	9.59 -1.15 36.45	30.12 -1.55 2.37	17.58 -1.86 39.56	23.45 -1.46 7.34	12.68 -1.42 24.92	18.69 -0.96 0.36
OLIN_CORP_DSASP 323712	20.61 -1.32 0.04	18.78 -1.11 0.02	17.12 -1.12 0.03	17.09 -1.15 0.01	18.31 -1.16 0.06	19.57 -1.05 0.28	39.25 -1.85 0.67	27.74 -1.14 0.15	27.87 -1.12 0.11	30.97 -1.55 0.12	26.47 -1.33 0.08	27.75 -1.69 0.00	23.07 -1.52 0.00	20.99 -1.42 0.00	22.42 -1.42 0.00	8.33 -1.49 30.12	10.51 -1.56 20.41	8.34 -1.73 26.34	9.23 -1.82 36.15	30.13 -1.54 2.37	17.39 -2.05 39.57	23.32 -1.60 7.34	12.57 -1.52 24.92	18.61 -1.04 0.36
ONEIDA_HERK_LFGE 323681	22.30 0.33 0.00	20.26 0.36 0.00	18.60 0.33 0.00	18.57 0.32 0.00	19.90 0.36 0.00	21.29 0.39 0.00	42.73 0.96 0.00	29.75 0.72 0.00	29.80 0.70 0.00	33.34 0.70 0.00	28.45 0.56 0.00	29.94 0.50 0.00	24.91 0.33 0.00	22.73 0.32 0.00	24.10 0.27 0.00	40.36 0.42 0.00	32.88 0.40 0.00	36.95 0.45 -0.08	47.87 0.67 0.00	34.62 0.59 0.00	60.35 1.34 0.00	32.94 0.69 0.00	39.76 0.75 0.00	20.32 0.31 0.00
ONEIDA____115KV_TB4 55905	22.63 0.67 0.00	20.57 0.67 0.00	18.87 0.60 0.00	18.85 0.60 0.00	20.21 0.67 0.00	21.60 0.69 0.00	43.39 1.62 0.00	30.22 1.19 0.00	30.32 1.21 0.00	33.93 1.28 0.00	28.91 1.02 0.00	30.34 0.91 0.00	25.29 0.71 0.00	23.10 0.69 0.00	24.52 0.68 0.00	44.11 1.15 -3.01	35.48 0.93 -2.07	40.46 1.18 -2.87	52.50 1.62 -3.69	35.57 1.27 -0.25	65.81 2.53 -4.27	34.31 1.26 -0.79	43.08 1.38 -2.69	20.67 0.63 -0.03

ONONDAGA_REF_OCCRA 23987	22.06 0.09 0.00	20.00 0.09 0.00	18.34 0.07 0.00	18.32 0.07 0.00	19.63 0.09 0.00	21.05 0.14 0.00	42.15 0.38 0.00	29.41 0.38 0.00	29.48 0.37 0.00	33.04 0.40 0.00	28.19 0.30 0.00	29.67 0.23 0.00	24.76 0.18 0.00	22.57 0.16 0.00	24.01 0.18 0.00	48.58 0.39 -8.25	38.31 0.27 -5.56	44.37 0.37 -7.57	57.60 0.50 -9.90	35.12 0.40 -0.69	71.43 0.92 -11.51	34.75 0.36 -2.13	46.63 0.38 -7.24	20.24 0.15 -0.08
ONONDAGA___COGEN 23986	21.98 0.02 0.00	19.92 0.01 0.00	18.28 0.00 0.00	18.24 -0.01 0.00	19.54 0.00 0.00	20.98 0.07 0.00	41.99 0.22 0.00	29.30 0.27 0.00	29.35 0.25 0.00	32.91 0.27 0.00	28.07 0.18 0.00	29.55 0.11 0.00	24.68 0.10 0.00	22.49 0.08 0.00	23.93 0.09 0.00	54.72 0.28 -14.50	42.47 0.21 -9.79	49.74 0.28 -13.04	65.05 0.41 -17.43	35.59 0.33 -1.22	80.10 0.78 -20.31	36.33 0.30 -3.77	52.10 0.30 -12.79	20.26 0.11 -0.13
ONTARIO___LFGE 23819	22.35 0.28 -0.10	20.24 0.34 0.00	18.53 0.26 0.00	18.52 0.27 -0.01	19.86 0.32 0.00	21.32 0.42 0.00	43.10 1.01 -0.32	30.10 1.07 0.00	30.17 1.07 0.00	33.68 1.03 0.00	28.71 0.83 0.00	30.07 0.63 0.00	25.04 0.45 0.00	22.79 0.37 0.00	24.29 0.46 0.00	306.80 1.04 -265.82	214.29 0.61 -181.20	275.03 0.75 -237.87	369.34 1.18 -320.96	57.25 0.95 -22.26	432.92 2.10 -371.82	102.12 0.89 -68.98	274.22 1.06 -234.14	22.93 0.44 -2.48
ORANGEVILLE_WT_PWR 323706	21.71 -0.23 0.02	19.76 -0.14 0.00	18.03 -0.24 0.00	17.97 -0.27 0.00	19.32 -0.21 0.00	20.84 -0.06 0.00	40.05 0.17 1.89	29.50 0.47 0.00	29.65 0.55 0.00	33.00 0.35 0.00	28.15 0.26 0.00	29.38 -0.05 0.00	24.43 -0.15 0.00	22.26 -0.15 0.00	23.80 -0.04 0.00	30.22 0.72 10.44	25.56 0.20 7.11	27.87 0.30 8.85	35.28 0.68 12.60	33.60 0.30 0.74	47.92 1.28 12.36	30.25 0.29 2.29	31.84 0.61 7.78	20.39 0.12 -0.26
ORANGEVILLE___ESR 323794	21.71 -0.23 0.02	19.76 -0.14 0.00	18.03 -0.24 0.00	17.97 -0.27 0.00	19.32 -0.21 0.00	20.84 -0.06 0.00	40.05 0.17 1.89	29.50 0.47 0.00	29.65 0.55 0.00	33.00 0.35 0.00	28.15 0.26 0.00	29.38 -0.05 0.00	24.43 -0.15 0.00	22.26 -0.15 0.00	23.80 -0.04 0.00	30.22 0.72 10.44	25.56 0.20 7.11	27.87 0.30 8.85	35.28 0.68 12.60	33.60 0.30 0.74	47.92 1.28 12.36	30.25 0.29 2.29	31.84 0.61 7.78	20.39 0.12 -0.26
OSWEGATCHIE___HYD 24044	21.37 -0.59 0.00	19.38 -0.53 0.00	17.78 -0.49 0.00	17.75 -0.50 0.00	19.04 -0.50 0.00	20.41 -0.49 0.00	40.95 -0.82 0.00	28.34 -0.70 0.00	28.27 -0.84 0.00	31.60 -1.04 0.00	27.01 -0.88 0.00	28.48 -0.96 0.00	23.64 -0.94 0.00	21.49 -0.92 0.00	22.74 -1.09 0.00	38.12 -1.82 0.00	31.12 -1.36 0.00	35.15 -1.34 -0.07	45.58 -1.62 0.00	32.97 -1.07 0.00	57.05 -1.96 0.00	31.44 -0.82 0.00	38.06 -0.96 0.00	19.42 -0.59 0.00
OSWEGO___5 23606	21.59 -0.37 0.00	19.58 -0.32 0.00	17.97 -0.31 0.00	17.94 -0.31 0.00	19.22 -0.31 0.00	20.59 -0.31 0.00	41.20 -0.57 0.00	28.72 -0.31 0.00	28.79 -0.32 0.00	32.26 -0.38 0.00	27.54 -0.35 0.00	29.02 -0.42 0.00	24.22 -0.36 0.00	22.08 -0.33 0.00	23.49 -0.35 0.00	39.41 -0.53 0.00	32.01 -0.47 0.00	36.12 -0.48 -0.18	46.60 -0.60 0.00	33.63 -0.40 0.00	58.46 -0.55 0.00	31.86 -0.40 0.00	38.51 -0.50 0.00	19.73 -0.28 0.00
OSWEGO___6 23613	21.59 -0.37 0.00	19.58 -0.32 0.00	17.97 -0.31 0.00	17.94 -0.31 0.00	19.22 -0.31 0.00	20.59 -0.31 0.00	41.20 -0.57 0.00	28.72 -0.31 0.00	28.79 -0.32 0.00	32.26 -0.38 0.00	27.54 -0.35 0.00	29.02 -0.42 0.00	24.22 -0.36 0.00	22.08 -0.33 0.00	23.49 -0.35 0.00	39.41 -0.53 0.00	32.01 -0.47 0.00	36.12 -0.48 -0.18	46.60 -0.60 0.00	33.63 -0.40 0.00	58.46 -0.55 0.00	31.86 -0.40 0.00	38.51 -0.50 0.00	19.73 -0.28 0.00
OUTOKUMPU-AB___DRP 24206	21.17 -0.75 0.04	19.34 -0.56 0.00	17.64 -0.63 0.00	17.58 -0.66 0.00	18.90 -0.63 0.00	20.42 -0.48 0.00	41.07 -0.62 0.08	28.86 -0.17 0.00	28.94 -0.17 0.00	32.21 -0.44 0.00	27.50 -0.39 0.00	28.69 -0.74 0.00	23.84 -0.74 0.00	21.70 -0.72 0.00	23.18 -0.66 0.00	10.46 -0.17 29.31	11.54 -0.51 20.44	8.49 -0.53 27.39	11.55 -0.27 35.38	31.23 -0.53 2.28	20.81 -0.13 38.07	24.64 -0.56 7.06	14.68 -0.36 23.97	19.21 -0.44 0.36
OXBOW___ 24026	20.95 -0.98 0.04	19.11 -0.78 0.02	17.41 -0.83 0.03	17.38 -0.86 0.01	18.63 -0.84 0.06	19.92 -0.72 0.26	39.97 -1.12 0.68	28.31 -0.58 0.14	28.45 -0.55 0.10	31.63 -0.90 0.11	27.02 -0.79 0.08	28.30 -1.14 0.00	23.52 -1.06 0.00	21.40 -1.01 0.00	22.87 -0.97 0.00	9.78 -0.67 29.49	11.38 -0.91 20.19	9.35 -1.01 26.05	10.54 -0.90 35.76	30.78 -0.93 2.32	19.29 -0.91 38.81	24.07 -0.98 7.20	13.76 -0.81 24.44	18.97 -0.69 0.36
OXY_CHEM_DSASP 323612	20.60 -1.32 0.04	18.80 -1.11 0.00	17.14 -1.13 0.00	17.09 -1.15 0.00	18.37 -1.16 0.00	19.85 -1.05 0.00	39.83 -1.85 0.08	27.90 -1.13 0.00	27.95 -1.16 0.00	31.10 -1.55 0.00	26.58 -1.31 0.00	27.74 -1.69 0.00	23.06 -1.52 0.00	20.99 -1.42 0.00	22.42 -1.42 0.00	8.10 -1.58 30.27	9.96 -1.62 20.90	6.54 -1.79 28.09	9.19 -1.86 36.15	30.12 -1.55 2.37	17.33 -2.11 39.57	23.31 -1.60 7.34	12.52 -1.58 24.92	18.60 -1.05 0.36
OZONE_PARK_ESR 323760	23.99 2.03 0.00	21.73 1.82 0.00	19.99 1.72 0.00	19.94 1.69 0.00	21.32 1.79 0.00	22.81 1.91 0.00	45.59 3.81 0.00	31.99 2.96 0.00	32.17 3.06 0.00	36.06 3.41 0.00	30.75 2.87 0.00	32.46 3.02 0.00	27.20 2.62 0.00	24.75 2.34 0.00	26.31 2.48 0.00	46.03 3.92 -2.17	37.22 3.18 -1.56	44.49 3.69 -4.39	54.46 4.62 -2.64	37.64 3.43 -0.17	67.99 6.12 -2.87	36.05 3.26 -0.53	44.44 3.62 -1.81	21.95 1.92 -0.03
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.60 -1.32 0.04	18.80 -1.11 0.00	17.14 -1.13 0.00	17.09 -1.15 0.00	18.37 -1.16 0.00	19.85 -1.05 0.00	39.83 -1.85 0.08	27.90 -1.13 0.00	27.95 -1.16 0.00	31.10 -1.55 0.00	26.58 -1.31 0.00	27.74 -1.69 0.00	23.06 -1.52 0.00	20.99 -1.42 0.00	22.42 -1.42 0.00	8.10 -1.58 30.27	9.96 -1.62 20.90	6.54 -1.79 28.09	9.19 -1.86 36.15	30.12 -1.55 2.37	17.33 -2.11 39.57	23.31 -1.60 7.34	12.52 -1.58 24.92	18.60 -1.05 0.36
PACKARD___115KV_DUPONT_184 80571	20.60 -1.32 0.04	18.80 -1.11 0.00	17.14 -1.13 0.00	17.09 -1.15 0.00	18.37 -1.16 0.00	19.85 -1.05 0.00	39.83 -1.85 0.08	27.90 -1.13 0.00	27.95 -1.16 0.00	31.10 -1.55 0.00	26.58 -1.31 0.00	27.74 -1.69 0.00	23.06 -1.52 0.00	20.99 -1.42 0.00	22.42 -1.42 0.00	8.10 -1.58 30.27	9.96 -1.62 20.90	6.54 -1.79 28.09	9.19 -1.86 36.15	30.12 -1.55 2.37	17.33 -2.11 39.57	23.31 -1.60 7.34	12.52 -1.58 24.92	18.60 -1.05 0.36
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.80 1.84 0.00	21.58 1.67 0.00	19.87 1.59 0.00	19.80 1.55 0.00	21.15 1.61 0.00	22.61 1.71 0.00	45.22 3.45 0.00	31.71 2.68 0.00	31.88 2.77 0.00	35.69 3.05 0.00	30.46 2.57 0.00	32.13 2.69 0.00	26.95 2.37 0.00	24.54 2.13 0.00	26.09 2.25 0.00	45.63 3.51 -2.17	36.87 2.83 -1.56	44.11 3.30 -4.39	53.91 4.07 -2.64	37.29 3.09 -0.17	67.37 5.49 -2.87	35.70 2.91 -0.53	44.05 3.23 -1.81	21.77 1.73 -0.03

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.76 1.79 0.00	21.61 1.71 0.00	19.90 1.63 0.00	19.84 1.59 0.00	21.19 1.65 0.00	22.58 1.68 0.00	45.18 3.41 0.00	31.69 2.65 0.00	31.83 2.72 0.00	35.62 2.97 0.00	30.42 2.53 0.00	32.08 2.64 0.00	26.90 2.32 0.00	24.49 2.08 0.00	26.02 2.18 0.00	45.51 3.39 -2.17	36.75 2.71 -1.56	44.03 3.22 -4.39	53.77 3.94 -2.64	37.20 2.99 -0.17	67.20 5.32 -2.87	35.62 2.83 -0.53	43.96 3.14 -1.81	21.71 1.68 -0.03
PATROON__115KV_TB1 80586	22.57 0.61 0.00	20.41 0.50 0.00	18.82 0.55 0.00	18.80 0.55 0.00	20.13 0.59 0.00	21.49 0.58 0.00	42.90 1.13 0.00	29.91 0.88 0.00	29.94 0.84 0.00	33.62 0.98 0.00	28.71 0.82 0.00	30.27 0.83 0.00	25.32 0.73 0.00	23.11 0.70 0.00	24.58 0.74 0.00	42.86 1.23 -1.68	34.71 1.03 -1.21	42.05 1.27 -4.37	50.83 1.58 -2.05	35.44 1.27 -0.13	63.40 2.16 -2.23	33.66 1.00 -0.41	41.35 0.93 -1.41	20.60 0.57 -0.02
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.83 -0.10 0.04	19.92 0.01 0.00	18.17 -0.10 0.00	18.10 -0.14 0.00	19.48 -0.05 0.00	21.03 0.13 0.00	42.36 0.67 0.08	29.85 0.82 0.00	29.99 0.89 0.00	33.40 0.75 0.00	28.50 0.61 0.00	29.71 0.27 0.00	24.69 0.11 0.00	22.48 0.07 0.00	24.04 0.20 0.00	15.86 0.98 25.07	15.43 0.36 17.41	13.56 0.47 23.33	18.11 0.94 30.03	32.81 0.51 1.74	31.59 1.62 29.04	27.34 0.48 5.39	21.57 0.85 18.29	19.91 0.24 0.34
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.89 1.93 0.00	21.63 1.72 0.00	19.88 1.61 0.00	19.85 1.60 0.00	21.24 1.70 0.00	22.74 1.83 0.00	45.48 3.70 0.00	31.87 2.84 0.00	32.01 2.90 0.00	35.89 3.24 0.00	30.60 2.71 0.00	32.25 2.81 0.00	26.99 2.41 0.00	24.59 2.17 0.00	26.14 2.31 0.00	45.80 3.70 -2.15	37.00 2.98 -1.55	44.30 3.50 -4.38	54.28 4.46 -2.62	37.57 3.37 -0.17	67.85 5.99 -2.85	35.96 3.17 -0.53	44.30 3.49 -1.80	21.86 1.83 -0.03
PEEKSKILL____ 23653	23.70 1.74 0.00	21.46 1.56 0.00	19.73 1.46 0.00	19.70 1.45 0.00	21.07 1.53 0.00	22.54 1.63 0.00	45.03 3.26 0.00	31.51 2.48 0.00	31.64 2.53 0.00	35.49 2.85 0.00	30.26 2.37 0.00	31.91 2.47 0.00	26.75 2.16 0.00	24.35 1.94 0.00	25.90 2.06 0.00	43.19 3.24 0.00	35.11 2.63 0.00	41.75 3.08 -2.25	51.06 3.86 0.00	36.95 2.91 0.00	64.19 5.18 0.00	35.02 2.76 0.00	42.04 3.03 0.00	21.62 1.61 0.00
PGE MADISON__WINDPWR 24146	24.00 2.04 0.00	21.79 1.88 0.00	19.97 1.70 0.00	19.98 1.73 0.00	21.47 1.94 0.00	23.07 2.16 0.00	46.81 4.89 -0.15	32.64 3.60 0.00	32.70 3.60 0.00	36.48 3.83 0.00	30.89 3.00 0.00	32.26 2.83 0.00	26.75 2.17 0.00	24.35 1.94 0.00	25.94 2.11 0.00	56.06 3.29 -12.82	44.05 2.84 -8.74	52.00 3.38 -12.20	67.49 4.80 -15.48	38.76 3.68 -1.05	83.50 7.00 -17.49	39.05 3.55 -3.25	54.18 4.15 -11.01	22.12 1.98 -0.14
PIERCEFIELD__HYD 23852	21.17 -0.80 0.00	19.24 -0.67 0.00	17.66 -0.61 0.00	17.62 -0.62 0.00	18.88 -0.66 0.00	20.18 -0.72 0.00	40.41 -1.36 0.00	27.95 -1.09 0.00	27.97 -1.14 0.00	31.33 -1.31 0.00	26.80 -1.09 0.00	28.34 -1.10 0.00	23.61 -0.98 0.00	21.47 -0.94 0.00	22.80 -1.04 0.00	38.88 -1.79 -0.72	31.66 -1.31 -0.50	35.56 -1.54 -0.68	46.15 -1.94 -0.88	32.71 -1.39 -0.06	56.99 -3.05 -1.03	31.20 -1.25 -0.19	38.24 -1.42 -0.65	19.21 -0.81 -0.01
PINELAWN_CC_1 323563	24.26 2.30 0.00	22.02 2.12 0.00	20.17 1.90 0.00	20.11 1.87 0.00	21.57 2.03 0.00	23.15 2.25 0.00	46.00 4.24 0.00	32.34 3.31 0.00	59.78 3.53 -27.15	36.28 3.64 0.00	32.89 3.17 -1.83	38.19 3.31 -5.44	27.47 2.80 -0.08	24.77 2.36 0.00	26.42 2.58 0.00	44.72 4.28 -0.50	35.80 3.32 0.00	42.53 3.85 -2.26	52.05 4.85 0.00	37.89 3.85 0.00	66.46 6.65 -0.80	35.83 3.58 0.00	43.11 4.10 0.00	22.15 2.14 0.00
PJM_GEN_HTP_PROXY 323702	24.71 1.85 -0.89	21.57 1.66 0.00	19.84 1.57 0.00	19.80 1.56 0.00	21.17 1.64 0.00	22.65 1.75 0.00	45.22 3.46 0.00	31.71 2.68 0.00	31.86 2.76 0.00	35.73 3.09 0.00	30.48 2.60 0.00	32.16 2.72 0.00	26.96 2.37 0.00	24.53 2.12 0.00	26.09 2.25 0.00	43.47 3.52 0.00	35.33 2.85 0.00	42.02 3.34 -2.26	51.36 4.16 0.00	37.14 3.11 0.00	64.52 5.51 0.00	35.72 2.93 -0.54	42.25 3.24 0.00	21.74 1.74 0.00
PJM_GEN_KEystone 24065	23.62 0.78 -0.88	20.58 0.70 0.03	18.85 0.63 0.05	18.87 0.63 0.02	20.11 0.67 0.10	21.23 0.78 0.45	43.25 1.63 0.15	30.13 1.34 0.24	30.30 1.37 0.18	33.95 1.49 0.19	28.98 1.22 0.13	30.58 1.14 0.00	25.58 1.00 0.00	23.31 0.90 0.00	24.86 1.03 0.00	41.85 1.91 0.00	33.83 1.35 0.00	39.45 1.58 -1.46	49.21 2.01 0.00	35.64 1.60 0.00	62.19 3.18 0.00	34.34 1.54 -0.54	40.85 1.84 0.00	20.90 0.89 0.00
PJM_GEN_NEPTUNE_PROXY 323594	24.88 2.03 -0.89	21.81 1.91 0.00	19.99 1.72 0.00	19.94 1.69 0.00	21.37 1.83 0.00	22.89 1.99 0.00	45.51 3.74 0.00	31.96 2.93 0.00	47.21 3.11 -15.00	35.89 3.24 0.00	31.73 2.83 -1.01	35.45 3.01 -3.00	27.18 2.55 -0.05	24.57 2.16 0.00	26.20 2.36 0.00	44.06 3.84 -0.27	35.43 2.95 0.00	42.12 3.44 -2.26	51.49 4.29 0.00	37.44 3.41 0.00	65.32 5.87 -0.44	35.98 3.19 -0.54	42.61 3.60 0.00	21.90 1.89 0.00
PJM_GEN_VFT_PROXY 323633	24.57 1.72 -0.89	21.47 1.56 0.00	19.76 1.49 0.00	19.72 1.47 0.00	21.07 1.53 0.00	22.54 1.63 0.00	44.99 3.22 0.00	31.53 2.50 0.00	31.68 2.58 0.00	35.55 2.90 0.00	30.30 2.41 0.00	31.97 2.53 0.00	26.82 2.24 0.00	24.41 2.00 0.00	25.96 2.12 0.00	43.21 3.27 0.00	35.13 2.65 0.00	41.76 3.09 -2.26	51.01 3.81 0.00	36.90 2.86 0.00	64.10 5.10 0.00	35.51 2.72 -0.54	41.98 2.97 0.00	21.61 1.60 0.00
PLATSBRG_115KV_PMLD1 355749	22.52 0.55 0.00	20.31 0.40 0.00	18.69 0.42 0.00	18.71 0.46 0.00	20.09 0.55 0.00	21.66 0.76 0.00	43.38 1.61 0.00	30.37 1.33 0.00	30.33 1.22 0.00	33.83 1.18 0.00	28.98 1.09 0.00	30.69 1.25 0.00	25.55 0.97 0.00	23.23 0.81 0.00	24.82 0.98 0.00	41.86 1.60 -0.31	34.23 1.53 -0.22	38.32 1.60 -0.31	49.47 1.88 -0.39	35.68 1.62 -0.03	61.98 2.51 -0.46	33.71 1.37 -0.08	41.25 1.94 -0.29	20.85 0.84 0.00
PLEASANTVLY__LBMP 24000	23.53 1.57 0.00	21.30 1.40 0.00	19.59 1.32 0.00	19.56 1.32 0.00	20.93 1.39 0.00	22.38 1.48 0.00	44.68 2.91 0.00	31.28 2.25 0.00	31.39 2.29 0.00	35.21 2.56 0.00	30.04 2.16 0.00	31.68 2.24 0.00	26.53 1.95 0.00	24.17 1.75 0.00	25.71 1.87 0.00	44.99 2.95 -2.10	36.38 2.40 -1.51	43.61 2.82 -4.37	53.30 3.55 -2.55	36.88 2.68 -0.17	66.54 4.76 -2.78	35.29 2.52 -0.51	43.50 2.74 -1.75	21.53 1.49 -0.02
PLSNTVLE_13_KV_13.8KVDIST 80602	23.73 1.77 0.00	21.48 1.58 0.00	19.75 1.48 0.00	19.73 1.48 0.00	21.10 1.57 0.00	22.57 1.67 0.00	45.08 3.31 0.00	31.59 2.56 0.00	31.74 2.63 0.00	35.58 2.94 0.00	30.39 2.50 0.00	32.03 2.59 0.00	26.83 2.25 0.00	24.40 1.99 0.00	25.96 2.13 0.00	45.46 3.36 -2.16	36.76 2.73 -1.55	43.99 3.18 -4.38	53.84 4.02 -2.62	37.22 3.01 -0.17	67.19 5.33 -2.86	35.63 2.85 -0.53	43.93 3.12 -1.80	21.70 1.66 -0.03

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.73 1.77 0.00	21.48 1.58 0.00	19.75 1.48 0.00	19.73 1.48 0.00	21.10 1.57 0.00	22.57 1.67 0.00	45.08 3.31 0.00	31.59 2.56 0.00	31.74 2.63 0.00	35.58 2.94 0.00	30.39 2.50 0.00	32.03 2.59 0.00	26.83 2.25 0.00	24.40 1.99 0.00	25.96 2.13 0.00	45.46 3.36 -2.16	36.76 2.73 -1.55	43.99 3.18 -4.38	53.84 4.02 -2.62	37.22 3.01 -0.17	67.19 5.33 -2.86	35.63 2.85 -0.53	43.93 3.12 -1.80	21.70 1.66 -0.03
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.75 1.78 0.00	21.50 1.59 0.00	19.75 1.48 0.00	19.73 1.49 0.00	21.12 1.58 0.00	22.59 1.69 0.00	45.16 3.39 0.00	31.65 2.61 0.00	31.75 2.65 0.00	35.60 2.96 0.00	30.36 2.48 0.00	32.00 2.56 0.00	26.78 2.19 0.00	24.39 1.97 0.00	25.93 2.10 0.00	45.42 3.35 -2.13	36.73 2.73 -1.53	44.03 3.23 -4.38	53.91 4.12 -2.59	37.34 3.14 -0.17	67.42 5.60 -2.82	35.73 2.95 -0.52	44.01 3.22 -1.77	21.74 1.71 -0.03
POLETTI____ 23519	23.77 1.81 0.00	21.54 1.64 0.00	19.82 1.56 0.00	19.78 1.54 0.00	21.15 1.61 0.00	22.61 1.70 0.00	45.10 3.33 0.00	31.62 2.59 0.00	31.79 2.69 0.00	35.66 3.01 0.00	30.41 2.52 0.00	32.08 2.65 0.00	26.91 2.32 0.00	24.49 2.08 0.00	26.05 2.21 0.00	45.56 3.45 -2.17	36.81 2.77 -1.56	44.06 3.25 -4.39	53.88 4.04 -2.64	37.22 3.01 -0.17	67.24 5.36 -2.87	35.64 2.85 -0.53	43.97 3.15 -1.81	21.75 1.71 -0.03
PORT_JEFF_3 23555	24.31 2.35 0.00	22.10 2.19 0.00	20.23 1.95 0.00	20.17 1.92 0.00	21.63 2.10 0.00	23.23 2.33 0.00	46.03 4.27 0.00	32.35 3.31 0.00	59.79 3.54 -27.15	36.16 3.51 0.00	32.77 3.04 -1.83	38.07 3.20 -5.44	27.32 2.65 -0.08	24.52 2.11 0.00	26.26 2.43 0.00	44.56 4.12 -0.50	35.67 3.19 0.00	42.34 3.66 -2.26	51.78 4.58 0.00	37.76 3.71 0.00	66.18 6.37 -0.80	35.72 3.46 0.00	43.01 3.99 0.00	22.15 2.14 0.00
PORT_JEFF_4 23616	24.31 2.35 0.00	22.10 2.19 0.00	20.23 1.95 0.00	20.17 1.92 0.00	21.63 2.10 0.00	23.23 2.33 0.00	46.03 4.27 0.00	32.35 3.31 0.00	59.79 3.54 -27.15	36.16 3.51 0.00	32.77 3.04 -1.83	38.07 3.20 -5.44	27.32 2.65 -0.08	24.52 2.11 0.00	26.26 2.43 0.00	44.56 4.12 -0.50	35.67 3.19 0.00	42.34 3.66 -2.26	51.78 4.58 0.00	37.76 3.71 0.00	66.18 6.37 -0.80	35.72 3.46 0.00	43.01 3.99 0.00	22.15 2.14 0.00
PORT_JEFF_IC 23713	24.33 2.37 0.00	22.10 2.20 0.00	20.23 1.96 0.00	20.18 1.93 0.00	21.64 2.10 0.00	23.25 2.35 0.00	46.08 4.31 0.00	32.38 3.34 0.00	59.83 3.58 -27.15	36.18 3.54 0.00	32.79 3.06 -1.83	38.10 3.22 -5.44	27.34 2.68 -0.08	24.56 2.15 0.00	26.28 2.45 0.00	44.60 4.16 -0.50	35.69 3.21 0.00	42.36 3.68 -2.26	51.73 4.53 0.00	37.72 3.67 0.00	66.11 6.30 -0.80	35.72 3.46 0.00	43.03 4.02 0.00	22.17 2.16 0.00
PPL PILGRIM_ST_GT1 24216	24.39 2.43 0.00	22.16 2.26 0.00	20.28 2.01 0.00	20.23 1.98 0.00	21.69 2.16 0.00	23.28 2.38 0.00	46.09 4.32 0.00	32.41 3.38 0.00	59.94 3.69 -27.15	36.40 3.75 0.00	32.98 3.25 -1.83	38.33 3.45 -5.44	27.56 2.89 -0.08	24.83 2.42 0.00	26.50 2.67 0.00	44.90 4.46 -0.50	35.92 3.44 0.00	42.67 3.99 -2.26	52.26 5.06 0.00	38.08 4.04 0.00	66.72 6.91 -0.80	35.90 3.65 0.00	43.29 4.28 0.00	22.26 2.24 0.00
PPL PILGRIM_ST_GT2 24217	24.39 2.43 0.00	22.16 2.26 0.00	20.28 2.01 0.00	20.23 1.98 0.00	21.69 2.16 0.00	23.28 2.38 0.00	46.09 4.32 0.00	32.41 3.38 0.00	59.94 3.69 -27.15	36.40 3.75 0.00	32.98 3.25 -1.83	38.33 3.45 -5.44	27.56 2.89 -0.08	24.83 2.42 0.00	26.50 2.67 0.00	44.90 4.46 -0.50	35.92 3.44 0.00	42.67 3.99 -2.26	52.26 5.06 0.00	38.08 4.04 0.00	66.72 6.91 -0.80	35.90 3.65 0.00	43.29 4.28 0.00	22.26 2.24 0.00
PPL_SHRM_GT3 24213	24.07 2.11 0.00	22.00 2.10 0.00	20.13 1.87 0.00	20.08 1.84 0.00	21.53 2.00 0.00	23.06 2.16 0.00	45.66 3.89 0.00	32.14 3.11 0.00	59.56 3.31 -27.15	35.64 3.00 0.00	32.32 2.59 -1.83	37.59 2.72 -5.44	26.93 2.26 -0.08	24.19 1.78 0.00	25.84 2.01 0.00	43.84 3.40 -0.50	35.12 2.64 0.00	41.70 3.03 -2.26	51.04 3.84 0.00	37.29 3.24 0.00	65.36 5.55 -0.80	35.25 3.00 0.00	42.36 3.35 0.00	21.84 1.83 0.00
PPL_SHRM_GT4 24214	24.07 2.11 0.00	22.00 2.10 0.00	20.13 1.87 0.00	20.08 1.84 0.00	21.53 2.00 0.00	23.06 2.16 0.00	45.66 3.89 0.00	32.14 3.11 0.00	59.56 3.31 -27.15	35.64 3.00 0.00	32.32 2.59 -1.83	37.59 2.72 -5.44	26.93 2.26 -0.08	24.19 1.78 0.00	25.84 2.01 0.00	43.84 3.40 -0.50	35.12 2.64 0.00	41.70 3.03 -2.26	51.04 3.84 0.00	37.29 3.24 0.00	65.36 5.55 -0.80	35.25 3.00 0.00	42.36 3.35 0.00	21.84 1.83 0.00
PROJECT____ORANGE 1 24174	21.91 -0.05 0.00	19.86 -0.04 0.00	18.22 -0.05 0.00	18.20 -0.05 0.00	19.50 -0.04 0.00	20.90 0.00 0.00	41.85 0.09 0.00	29.20 0.17 0.00	29.27 0.17 0.00	32.81 0.17 0.00	28.01 0.12 0.00	29.49 0.05 0.00	24.62 0.03 0.00	22.45 0.03 0.00	23.88 0.05 0.00	45.48 0.16 -5.38	36.16 0.06 -3.62	41.50 0.13 -4.95	53.84 0.17 -6.46	34.65 0.16 -0.45	67.02 0.46 -7.56	33.78 0.12 -1.40	43.87 0.10 -4.76	20.07 0.01 -0.05
PROJECT____ORANGE 2 24166	21.91 -0.05 0.00	19.86 -0.04 0.00	18.22 -0.05 0.00	18.20 -0.05 0.00	19.50 -0.04 0.00	20.90 0.00 0.00	41.85 0.09 0.00	29.20 0.17 0.00	29.27 0.17 0.00	32.81 0.17 0.00	28.01 0.12 0.00	29.49 0.05 0.00	24.62 0.03 0.00	22.45 0.03 0.00	23.88 0.05 0.00	45.48 0.16 -5.38	36.16 0.06 -3.62	41.50 0.13 -4.95	53.84 0.17 -6.46	34.65 0.16 -0.45	67.02 0.46 -7.56	33.78 0.12 -1.40	43.87 0.10 -4.76	20.07 0.01 -0.05
PUCKETT____SOLAR 323809	22.98 1.02 0.00	20.82 0.92 0.00	19.09 0.82 0.00	19.08 0.83 0.00	20.45 0.92 0.00	21.95 1.05 0.00	44.17 2.29 -0.12	30.79 1.76 0.00	30.85 1.74 0.00	34.49 1.84 0.00	29.38 1.49 0.00	30.82 1.38 0.00	25.66 1.08 0.00	23.44 1.03 0.00	24.92 1.09 0.00	50.57 1.90 -8.72	39.83 1.40 -5.95	46.85 1.83 -8.60	60.15 2.41 -10.53	36.57 1.85 -0.69	74.10 3.60 -11.50	36.17 1.78 -2.13	48.36 2.11 -7.24	21.12 1.02 -0.10
PYRITES____HYD 24023	21.62 -0.34 0.00	19.68 -0.23 0.00	18.06 -0.20 0.00	18.03 -0.21 0.00	19.32 -0.22 0.00	20.62 -0.29 0.00	41.32 -0.44 0.00	28.57 -0.46 0.00	28.59 -0.51 0.00	32.04 -0.60 0.00	27.41 -0.48 0.00	28.93 -0.51 0.00	24.14 -0.45 0.00	21.95 -0.46 0.00	23.30 -0.54 0.00	39.67 -0.95 -0.67	32.31 -0.63 -0.46	36.30 -0.75 -0.64	47.14 -0.89 -0.82	33.46 -0.64 -0.06	58.20 -1.77 -0.96	31.88 -0.56 -0.18	39.01 -0.61 -0.61	19.62 -0.40 -0.01
QUAKERRD_115KV_BK1 80622	20.89 -1.01 0.06	19.03 -0.87 0.00	17.39 -0.88 0.00	17.35 -0.89 0.00	18.65 -0.89 0.00	20.10 -0.80 0.00	40.44 -1.30 0.03	28.39 -0.64 0.00	28.47 -0.63 0.00	31.78 -0.86 0.00	27.13 -0.76 0.00	28.40 -1.04 0.00	23.63 -0.95 0.00	21.48 -0.93 0.00	22.89 -0.94 0.00	-31.44 -1.01 70.37	-16.87 -1.05 48.30	-28.13 -1.12 63.42	-38.76 -1.15 84.81	27.32 -0.91 5.81	-38.96 -0.91 97.05	13.37 -0.88 18.00	-22.99 -0.89 61.12	18.66 -0.67 0.68

QUENSBRY_I15KV_TB8 356137	23.20 1.24 0.00	20.89 0.98 0.00	19.13 0.86 0.00	19.13 0.88 0.00	20.59 1.05 0.00	22.16 1.26 0.00	44.32 2.55 0.00	30.90 1.87 0.00	31.05 1.94 0.00	34.84 2.19 0.00	29.78 1.89 0.00	31.39 1.95 0.00	26.15 1.57 0.00	23.83 1.42 0.00	25.35 1.51 0.00	44.27 2.66 -1.66	35.67 2.00 -1.20	43.50 2.65 -4.43	52.70 3.47 -2.03	36.82 2.65 -0.13	65.79 4.57 -2.21	34.91 2.25 -0.41	42.81 2.40 -1.39	21.34 1.31 -0.02
RAMAPO____LBMP 323565	23.66 1.70 0.00	21.43 1.52 0.00	19.70 1.43 0.00	19.67 1.42 0.00	21.03 1.50 0.00	22.50 1.60 0.00	44.96 3.19 0.00	31.45 2.41 0.00	31.57 2.46 0.00	35.42 2.77 0.00	30.18 2.30 0.00	31.83 2.39 0.00	26.68 2.09 0.00	24.29 1.88 0.00	25.83 2.00 0.00	45.33 3.15 -2.23	36.65 2.57 -1.60	43.81 2.99 -4.40	53.65 3.74 -2.71	37.03 2.81 -0.18	67.00 5.04 -2.95	35.51 2.71 -0.55	43.84 2.97 -1.86	21.60 1.56 -0.03
RANKINE____ 23646	21.51 -0.42 0.04	19.62 -0.28 0.00	17.90 -0.37 0.00	17.84 -0.40 0.00	19.20 -0.33 0.00	20.74 -0.16 0.00	41.72 0.05 0.09	29.41 0.37 0.00	29.54 0.44 0.00	32.89 0.25 0.00	28.06 0.17 0.00	29.25 -0.18 0.00	24.30 -0.28 0.00	22.12 -0.29 0.00	23.66 -0.18 0.00	15.16 0.51 25.29	14.91 0.02 17.58	12.91 0.08 23.59	17.28 0.44 30.37	32.23 0.05 1.85	28.93 0.90 30.98	26.53 0.03 5.75	19.86 0.35 19.51	19.61 -0.07 0.34
RAVENSWOOD_GT2_1 24244	23.80 1.84 0.00	21.56 1.66 0.00	19.84 1.57 0.00	19.80 1.55 0.00	21.16 1.63 0.00	22.64 1.73 0.00	45.21 3.44 0.00	31.69 2.66 0.00	31.85 2.74 0.00	35.72 3.08 0.00	30.47 2.59 0.00	32.14 2.70 0.00	26.95 2.37 0.00	24.52 2.11 0.00	26.08 2.24 0.00	43.45 3.50 0.00	35.31 2.83 0.00	41.99 3.31 -2.26	51.32 4.12 0.00	37.11 3.08 0.00	64.46 5.46 0.00	35.17 2.91 0.00	42.23 3.22 0.00	21.73 1.72 0.00
RAVENSWOOD_GT2_2 24245	23.80 1.84 0.00	21.56 1.66 0.00	19.84 1.57 0.00	19.80 1.55 0.00	21.16 1.63 0.00	22.64 1.73 0.00	45.21 3.44 0.00	31.69 2.66 0.00	31.85 2.74 0.00	35.72 3.08 0.00	30.47 2.59 0.00	32.14 2.70 0.00	26.95 2.37 0.00	24.52 2.11 0.00	26.08 2.24 0.00	43.45 3.50 0.00	35.31 2.83 0.00	41.99 3.31 -2.26	51.32 4.12 0.00	37.11 3.08 0.00	64.46 5.46 0.00	35.17 2.91 0.00	42.23 3.22 0.00	21.73 1.72 0.00
RAVENSWOOD_GT2_3 24246	23.82 1.85 0.00	21.57 1.67 0.00	19.84 1.57 0.00	19.81 1.56 0.00	21.17 1.64 0.00	22.65 1.74 0.00	45.21 3.45 0.00	31.71 2.68 0.00	31.86 2.76 0.00	35.73 3.08 0.00	30.48 2.60 0.00	32.16 2.72 0.00	26.96 2.37 0.00	24.53 2.12 0.00	26.09 2.25 0.00	43.47 3.52 0.00	35.33 2.85 0.00	41.99 3.32 -2.26	51.34 4.14 0.00	37.13 3.09 0.00	64.50 5.50 0.00	35.19 2.93 0.00	42.24 3.23 0.00	21.74 1.73 0.00
RAVENSWOOD_GT2_4 24247	23.82 1.85 0.00	21.57 1.67 0.00	19.84 1.57 0.00	19.81 1.56 0.00	21.17 1.64 0.00	22.65 1.74 0.00	45.21 3.45 0.00	31.71 2.68 0.00	31.86 2.76 0.00	35.73 3.08 0.00	30.48 2.60 0.00	32.16 2.72 0.00	26.96 2.37 0.00	24.53 2.12 0.00	26.09 2.25 0.00	43.47 3.52 0.00	35.33 2.85 0.00	41.99 3.32 -2.26	51.34 4.14 0.00	37.13 3.09 0.00	64.50 5.50 0.00	35.19 2.93 0.00	42.24 3.23 0.00	21.74 1.73 0.00
RAVENSWOOD_GT3_1 24248	23.80 1.83 0.00	21.56 1.66 0.00	19.84 1.57 0.00	19.80 1.55 0.00	21.16 1.63 0.00	22.63 1.73 0.00	45.19 3.43 0.00	31.68 2.65 0.00	31.84 2.74 0.00	35.71 3.07 0.00	30.47 2.58 0.00	32.14 2.70 0.00	26.95 2.36 0.00	24.52 2.10 0.00	26.07 2.24 0.00	43.44 3.49 0.00	35.30 2.82 0.00	41.98 3.30 -2.26	51.31 4.10 0.00	37.11 3.07 0.00	64.46 5.45 0.00	35.16 2.91 0.00	42.22 3.20 0.00	21.73 1.72 0.00
RAVENSWOOD_GT3_2 24249	23.80 1.83 0.00	21.56 1.66 0.00	19.84 1.57 0.00	19.80 1.55 0.00	21.16 1.63 0.00	22.63 1.73 0.00	45.19 3.43 0.00	31.68 2.65 0.00	31.84 2.74 0.00	35.71 3.07 0.00	30.47 2.58 0.00	32.14 2.70 0.00	26.95 2.36 0.00	24.52 2.10 0.00	26.07 2.24 0.00	43.44 3.49 0.00	35.30 2.82 0.00	41.98 3.30 -2.26	51.31 4.10 0.00	37.11 3.07 0.00	64.46 5.45 0.00	35.16 2.91 0.00	42.22 3.20 0.00	21.73 1.72 0.00
RAVENSWOOD_GT3_3 24250	23.84 1.87 0.00	21.59 1.68 0.00	19.86 1.59 0.00	19.83 1.58 0.00	21.19 1.65 0.00	22.67 1.76 0.00	45.25 3.49 0.00	31.74 2.70 0.00	31.90 2.79 0.00	35.77 3.13 0.00	30.52 2.63 0.00	32.19 2.75 0.00	26.99 2.41 0.00	24.55 2.14 0.00	26.12 2.28 0.00	43.51 3.57 0.00	35.36 2.89 0.00	42.05 3.37 -2.26	51.39 4.19 0.00	37.17 3.13 0.00	64.56 5.56 0.00	35.22 2.96 0.00	42.29 3.28 0.00	21.76 1.75 0.00
RAVENSWOOD_GT3_4 24251	23.84 1.87 0.00	21.59 1.68 0.00	19.86 1.59 0.00	19.83 1.58 0.00	21.19 1.65 0.00	22.67 1.76 0.00	45.25 3.49 0.00	31.74 2.70 0.00	31.90 2.79 0.00	35.77 3.13 0.00	30.52 2.63 0.00	32.19 2.75 0.00	26.99 2.41 0.00	24.55 2.14 0.00	26.12 2.28 0.00	43.51 3.57 0.00	35.36 2.89 0.00	42.05 3.37 -2.26	51.39 4.19 0.00	37.17 3.13 0.00	64.56 5.56 0.00	35.22 2.96 0.00	42.29 3.28 0.00	21.76 1.75 0.00
RAVENSWOOD_GT_1 23729	23.84 1.88 0.00	21.60 1.70 0.00	19.89 1.62 0.00	19.85 1.60 0.00	21.21 1.67 0.00	22.66 1.76 0.00	45.30 3.54 0.00	31.78 2.75 0.00	31.95 2.84 0.00	35.82 3.17 0.00	30.57 2.68 0.00	32.23 2.80 0.00	27.03 2.45 0.00	24.60 2.19 0.00	26.16 2.33 0.00	43.58 3.64 0.00	35.42 2.94 0.00	42.09 3.42 -2.26	51.44 4.24 0.00	37.21 3.17 0.00	64.62 5.62 0.00	35.24 2.99 0.00	42.32 3.31 0.00	21.78 1.77 0.00
RAVENSWOOD_GT_10 24258	23.80 1.83 0.00	21.56 1.66 0.00	19.84 1.57 0.00	19.80 1.55 0.00	21.16 1.63 0.00	22.63 1.73 0.00	45.19 3.43 0.00	31.68 2.65 0.00	31.84 2.74 0.00	35.71 3.07 0.00	30.46 2.57 0.00	32.14 2.70 0.00	26.94 2.36 0.00	24.51 2.10 0.00	26.07 2.24 0.00	43.43 3.49 0.00	35.30 2.82 0.00	41.98 3.30 -2.26	51.31 4.10 0.00	37.11 3.07 0.00	64.46 5.45 0.00	35.16 2.91 0.00	42.21 3.20 0.00	21.73 1.72 0.00
RAVENSWOOD_GT_11 24259	23.80 1.83 0.00	21.56 1.66 0.00	19.84 1.57 0.00	19.80 1.55 0.00	21.16 1.63 0.00	22.63 1.73 0.00	45.19 3.43 0.00	31.68 2.65 0.00	31.84 2.74 0.00	35.71 3.07 0.00	30.46 2.57 0.00	32.14 2.70 0.00	26.94 2.36 0.00	24.51 2.10 0.00	26.07 2.24 0.00	43.43 3.49 0.00	35.30 2.82 0.00	41.98 3.30 -2.26	51.31 4.10 0.00	37.11 3.07 0.00	64.46 5.45 0.00	35.16 2.91 0.00	42.21 3.20 0.00	21.73 1.72 0.00
RAVENSWOOD_GT_4 24252	23.80 1.83 0.00	21.55 1.65 0.00	19.82 1.55 0.00	19.79 1.54 0.00	21.16 1.62 0.00	22.63 1.73 0.00	45.19 3.43 0.00	31.68 2.65 0.00	31.84 2.74 0.00	35.72 3.07 0.00	30.47 2.58 0.00	32.14 2.70 0.00	26.95 2.36 0.00	24.51 2.10 0.00	26.07 2.23 0.00	43.43 3.49 0.00	35.30 2.82 0.00	41.98 3.31 -2.26	51.32 4.12 0.00	37.11 3.07 0.00	64.46 5.46 0.00	35.16 2.91 0.00	42.21 3.20 0.00	21.73 1.72 0.00

RAVENSWOOD_GT_5 24254	23.80 1.83 0.00	21.55 1.65 0.00	19.82 1.55 0.00	19.79 1.54 0.00	21.16 1.62 0.00	22.63 1.73 0.00	45.19 3.43 0.00	31.68 2.65 0.00	31.84 2.74 0.00	35.72 3.07 0.00	30.47 2.58 0.00	32.14 2.70 0.00	26.95 2.36 0.00	24.51 2.10 0.00	26.07 2.23 0.00	43.43 3.49 0.00	35.30 2.82 0.00	41.98 3.31 -2.26	51.32 4.12 0.00	37.11 3.07 0.00	64.46 5.46 0.00	35.16 2.91 0.00	42.21 3.20 0.00	21.73 1.72 0.00
RAVENSWOOD_GT_6 24253	23.80 1.83 0.00	21.55 1.65 0.00	19.82 1.55 0.00	19.79 1.54 0.00	21.16 1.62 0.00	22.63 1.73 0.00	45.19 3.43 0.00	31.68 2.65 0.00	31.84 2.74 0.00	35.72 3.07 0.00	30.47 2.58 0.00	32.14 2.70 0.00	26.95 2.36 0.00	24.51 2.10 0.00	26.07 2.23 0.00	43.43 3.49 0.00	35.30 2.82 0.00	41.98 3.31 -2.26	51.32 4.12 0.00	37.11 3.07 0.00	64.46 5.46 0.00	35.16 2.91 0.00	42.21 3.20 0.00	21.73 1.72 0.00
RAVENSWOOD_GT_7 24255	23.80 1.83 0.00	21.55 1.65 0.00	19.82 1.55 0.00	19.79 1.54 0.00	21.16 1.62 0.00	22.63 1.73 0.00	45.19 3.43 0.00	31.68 2.65 0.00	31.84 2.74 0.00	35.72 3.07 0.00	30.47 2.58 0.00	32.14 2.70 0.00	26.95 2.36 0.00	24.51 2.10 0.00	26.07 2.23 0.00	43.43 3.49 0.00	35.30 2.82 0.00	41.98 3.31 -2.26	51.32 4.12 0.00	37.11 3.07 0.00	64.46 5.46 0.00	35.16 2.91 0.00	42.21 3.20 0.00	21.73 1.72 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.80 1.83 0.00	21.56 1.66 0.00	19.84 1.57 0.00	19.80 1.55 0.00	21.16 1.63 0.00	22.63 1.73 0.00	45.19 3.43 0.00	31.68 2.65 0.00	31.84 2.74 0.00	35.71 3.07 0.00	30.46 2.57 0.00	32.14 2.70 0.00	26.94 2.36 0.00	24.51 2.10 0.00	26.07 2.24 0.00	43.43 3.49 0.00	35.30 2.82 0.00	41.98 3.30 -2.26	51.31 4.10 0.00	37.11 3.07 0.00	64.46 5.45 0.00	35.16 2.91 0.00	42.21 3.20 0.00	21.73 1.72 0.00
RAVENSWOOD_GT_9 24257	23.80 1.83 0.00	21.56 1.66 0.00	19.84 1.57 0.00	19.80 1.55 0.00	21.16 1.63 0.00	22.63 1.73 0.00	45.19 3.43 0.00	31.68 2.65 0.00	31.84 2.74 0.00	35.71 3.07 0.00	30.46 2.57 0.00	32.14 2.70 0.00	26.94 2.36 0.00	24.51 2.10 0.00	26.07 2.24 0.00	43.43 3.49 0.00	35.30 2.82 0.00	41.98 3.30 -2.26	51.31 4.10 0.00	37.11 3.07 0.00	64.46 5.45 0.00	35.16 2.91 0.00	42.21 3.20 0.00	21.73 1.72 0.00
RAVENSWOOD___1 23533	23.84 1.88 0.00	21.60 1.70 0.00	19.89 1.62 0.00	19.85 1.60 0.00	21.21 1.67 0.00	22.66 1.76 0.00	45.27 3.50 0.00	31.75 2.72 0.00	31.90 2.80 0.00	35.75 3.10 0.00	30.51 2.62 0.00	32.19 2.75 0.00	26.99 2.40 0.00	24.57 2.16 0.00	26.13 2.29 0.00	43.53 3.58 0.00	35.36 2.88 0.00	42.04 3.36 -2.26	51.36 4.16 0.00	37.16 3.12 0.00	64.52 5.52 0.00	35.21 2.96 0.00	42.27 3.26 0.00	21.75 1.74 0.00
RAVENSWOOD___2 23534	23.84 1.88 0.00	21.60 1.70 0.00	19.89 1.62 0.00	19.85 1.60 0.00	21.21 1.67 0.00	22.66 1.76 0.00	45.27 3.50 0.00	31.75 2.72 0.00	31.90 2.80 0.00	35.75 3.10 0.00	30.51 2.62 0.00	32.19 2.75 0.00	26.99 2.40 0.00	24.57 2.16 0.00	26.13 2.29 0.00	43.53 3.58 0.00	35.36 2.88 0.00	42.04 3.36 -2.26	51.36 4.16 0.00	37.16 3.12 0.00	64.52 5.52 0.00	35.21 2.96 0.00	42.27 3.26 0.00	21.75 1.74 0.00
RAVENSWOOD___3 23535	23.81 1.84 0.00	21.56 1.66 0.00	19.84 1.57 0.00	19.80 1.55 0.00	21.16 1.63 0.00	22.64 1.73 0.00	45.21 3.44 0.00	31.69 2.66 0.00	31.85 2.75 0.00	35.72 3.08 0.00	30.47 2.59 0.00	32.14 2.70 0.00	26.95 2.37 0.00	24.52 2.11 0.00	26.08 2.24 0.00	43.45 3.51 0.00	35.31 2.83 0.00	41.99 3.31 -2.26	51.33 4.12 0.00	37.11 3.08 0.00	64.46 5.46 0.00	35.17 2.91 0.00	42.23 3.22 0.00	21.73 1.72 0.00
RAVENSWOOD___4 23820	23.84 1.88 0.00	21.60 1.70 0.00	19.89 1.62 0.00	19.85 1.60 0.00	21.21 1.67 0.00	22.66 1.76 0.00	45.27 3.50 0.00	31.75 2.72 0.00	31.90 2.80 0.00	35.75 3.10 0.00	30.51 2.62 0.00	32.19 2.75 0.00	26.99 2.40 0.00	24.57 2.16 0.00	26.13 2.29 0.00	43.53 3.58 0.00	35.36 2.88 0.00	42.04 3.36 -2.26	51.36 4.16 0.00	37.16 3.12 0.00	64.52 5.52 0.00	35.21 2.96 0.00	42.27 3.26 0.00	21.75 1.74 0.00
RCPL_TRUST___DRP 24196	23.86 1.90 0.00	21.61 1.70 0.00	19.88 1.61 0.00	19.84 1.60 0.00	21.21 1.67 0.00	22.69 1.79 0.00	45.32 3.55 0.00	31.77 2.74 0.00	31.94 2.83 0.00	35.82 3.17 0.00	30.55 2.66 0.00	32.23 2.79 0.00	27.02 2.44 0.00	24.57 2.16 0.00	26.13 2.30 0.00	45.72 3.61 -2.17	36.96 2.93 -1.56	44.22 3.42 -4.39	54.08 4.24 -2.64	37.37 3.16 -0.17	67.47 5.59 -2.87	35.77 2.98 -0.53	44.11 3.28 -1.81	21.79 1.76 -0.03
RED___ROCHESTER 323720	21.49 -0.42 0.05	19.51 -0.38 0.01	17.82 -0.43 0.02	17.78 -0.46 0.01	19.09 -0.41 0.04	20.50 -0.22 0.19	41.36 -0.06 0.35	29.16 0.22 0.10	29.32 0.29 0.07	32.69 0.12 0.08	27.92 0.08 0.06	29.26 -0.17 0.00	24.33 -0.25 0.00	22.11 -0.30 0.00	23.56 -0.27 0.00	-6.24 0.29 46.48	0.78 -0.02 31.68	-4.75 0.01 41.18	-8.56 0.35 56.12	30.34 0.11 3.81	-3.69 1.01 63.71	20.53 0.10 11.82	-0.73 0.37 40.12	19.46 -0.08 0.47
REGAN___SOLAR 323812	23.95 1.98 0.00	21.91 2.01 0.00	19.93 1.66 0.00	19.90 1.65 0.00	21.36 1.83 0.00	22.79 1.89 0.00	45.97 4.20 0.00	32.33 3.30 0.00	32.27 3.17 0.00	35.96 3.31 0.00	30.66 2.77 0.00	31.95 2.51 0.00	26.69 2.11 0.00	24.34 1.92 0.00	25.42 1.59 0.00	42.65 2.71 0.00	34.53 2.05 0.00	43.58 4.04 -3.12	52.13 4.93 0.00	37.68 3.64 0.00	65.40 6.39 0.00	35.70 3.45 0.00	42.88 3.86 0.00	21.82 1.81 0.00
RENSSELAER___COGEN 23796	22.52 0.56 0.00	20.35 0.45 0.00	18.77 0.50 0.00	18.75 0.51 0.00	20.08 0.55 0.00	21.42 0.52 0.00	42.75 0.99 0.00	29.80 0.77 0.00	29.82 0.72 0.00	33.47 0.82 0.00	28.57 0.68 0.00	30.12 0.68 0.00	25.19 0.61 0.00	22.99 0.58 0.00	24.46 0.62 0.00	40.96 1.02 0.00	33.32 0.85 0.00	40.18 1.07 -2.69	48.53 1.33 0.00	35.13 1.09 0.00	60.87 1.86 0.00	33.10 0.84 0.00	39.77 0.75 0.00	20.50 0.49 0.00
REPUBLIC_115KV_BARTNBRK 55605	24.04 2.07 0.00	21.65 1.74 0.00	19.74 1.48 0.00	19.79 1.55 0.00	21.38 1.85 0.00	23.11 2.20 0.00	46.13 4.36 0.00	32.10 3.07 0.00	32.25 3.15 0.00	36.19 3.54 0.00	31.06 3.18 0.00	32.88 3.44 0.00	27.40 2.81 0.00	24.88 2.46 0.00	26.48 2.64 0.00	46.34 4.74 -1.66	37.08 3.41 -1.20	45.45 4.60 -4.42	55.11 5.87 -2.03	38.64 4.47 -0.13	68.67 7.45 -2.21	36.31 3.64 -0.41	44.58 4.17 -1.39	22.31 2.28 -0.02
REVERE_CPPR_DRP 24186	22.72 0.76 0.00	20.68 0.77 0.00	18.96 0.69 0.00	18.94 0.70 0.00	20.30 0.76 0.00	21.69 0.78 0.00	43.64 1.87 0.00	30.38 1.35 0.00	30.49 1.38 0.00	34.10 1.45 0.00	29.07 1.18 0.00	30.50 1.06 0.00	25.37 0.79 0.00	23.21 0.80 0.00	24.60 0.76 0.00	43.75 1.25 -2.56	35.31 1.06 -1.76	40.18 1.31 -2.45	52.18 1.82 -3.15	35.69 1.43 -0.22	65.53 2.87 -3.66	34.38 1.45 -0.68	42.91 1.60 -2.30	20.75 0.72 -0.03

REYNOLDS_115KV_TB3 80639	22.75 0.79 0.00	20.55 0.64 0.00	18.93 0.66 0.00	18.92 0.68 0.00	20.28 0.74 0.00	21.63 0.72 0.00	43.15 1.38 0.00	30.07 1.04 0.00	30.08 0.97 0.00	33.76 1.11 0.00	28.82 0.93 0.00	30.37 0.93 0.00	25.41 0.83 0.00	23.21 0.79 0.00	24.68 0.85 0.00	43.03 1.40 -1.68	34.86 1.17 -1.21	42.20 1.43 -4.36	51.03 1.78 -2.05	35.59 1.42 -0.13	63.63 2.39 -2.23	33.80 1.13 -0.41	41.50 1.08 -1.41	20.71 0.68 -0.02
RIVERBAY____ 323610	23.76 1.79 0.00	21.61 1.71 0.00	19.90 1.63 0.00	19.84 1.59 0.00	21.19 1.65 0.00	22.58 1.68 0.00	45.18 3.41 0.00	31.69 2.65 0.00	31.83 2.72 0.00	35.62 2.97 0.00	30.42 2.53 0.00	32.08 2.64 0.00	26.90 2.32 0.00	24.49 2.08 0.00	26.02 2.18 0.00	45.51 3.39 -2.17	36.75 2.71 -1.56	44.03 3.22 -4.39	53.77 3.94 -2.64	37.20 2.99 -0.17	67.20 5.32 -2.87	35.62 2.83 -0.53	43.96 3.14 -1.81	21.71 1.68 -0.03
RIVERSDE_115KV_TB3 55908	22.59 0.63 0.00	20.42 0.51 0.00	18.82 0.55 0.00	18.81 0.56 0.00	20.14 0.61 0.00	21.50 0.59 0.00	42.90 1.13 0.00	29.91 0.87 0.00	29.93 0.82 0.00	33.61 0.96 0.00	28.71 0.82 0.00	30.25 0.82 0.00	25.29 0.71 0.00	23.09 0.68 0.00	24.57 0.73 0.00	42.82 1.20 -1.68	34.69 1.01 -1.21	42.01 1.24 -4.36	50.80 1.54 -2.05	35.41 1.24 -0.13	63.34 2.10 -2.23	33.64 0.97 -0.41	41.32 0.90 -1.41	20.60 0.57 -0.02
ROARING____BROOK_WT_PWR 323790	21.84 -0.12 0.00	19.80 -0.10 0.00	18.18 -0.09 0.00	18.16 -0.09 0.00	19.43 -0.11 0.00	20.78 -0.13 0.00	41.51 -0.26 0.00	28.78 -0.25 0.00	28.85 -0.25 0.00	32.36 -0.29 0.00	27.67 -0.22 0.00	29.24 -0.20 0.00	24.41 -0.17 0.00	22.23 -0.18 0.00	23.60 -0.24 0.00	39.41 -0.53 0.00	32.11 -0.37 0.00	35.97 -0.45 0.00	46.63 -0.58 0.00	33.55 -0.48 0.00	58.07 -0.94 0.00	31.95 -0.31 0.00	38.69 -0.32 0.00	19.84 -0.17 0.00
ROCHESRG_115KV_T4 355643	21.26 -0.65 0.05	19.34 -0.56 0.00	17.67 -0.60 0.00	17.63 -0.62 0.00	18.95 -0.59 0.00	20.46 -0.45 0.00	41.17 -0.55 0.04	28.91 -0.12 0.00	29.00 -0.10 0.00	32.36 -0.29 0.00	27.63 -0.26 0.00	28.90 -0.54 0.00	24.03 -0.55 0.00	21.85 -0.57 0.00	23.29 -0.55 0.00	-6.07 -0.24 45.77	0.45 -0.45 31.59	-5.71 -0.45 41.68	-8.28 -0.25 55.24	29.98 -0.31 3.75	-3.49 0.20 62.70	20.32 -0.30 11.63	-0.61 -0.13 39.48	19.24 -0.31 0.46
ROCHESTER_9_IC 23652	21.38 -0.53 0.05	19.44 -0.46 0.00	17.76 -0.51 0.00	17.71 -0.53 0.00	19.05 -0.49 0.00	20.59 -0.32 0.00	41.44 -0.28 0.04	29.11 0.08 0.00	29.20 0.10 0.00	32.59 -0.06 0.00	27.82 -0.07 0.00	29.09 -0.34 0.00	24.19 -0.39 0.00	21.99 -0.43 0.00	23.43 -0.40 0.00	-6.61 0.01 46.56	0.15 -0.24 32.08	-6.12 -0.22 42.31	-8.87 0.05 56.12	30.13 -0.09 3.81	-4.09 0.61 63.71	20.33 -0.10 11.82	-1.00 0.11 40.12	19.35 -0.19 0.47
ROCKVIEW_13_KV_LD 356306	23.82 1.85 0.00	21.56 1.66 0.00	19.82 1.56 0.00	19.79 1.55 0.00	21.17 1.64 0.00	22.65 1.75 0.00	45.25 3.48 0.00	31.71 2.68 0.00	31.85 2.75 0.00	35.72 3.08 0.00	30.47 2.59 0.00	32.14 2.70 0.00	26.93 2.35 0.00	24.52 2.10 0.00	26.08 2.24 0.00	45.67 3.55 -2.17	36.90 2.86 -1.56	44.15 3.34 -4.39	54.04 4.20 -2.64	37.36 3.15 -0.17	67.47 5.59 -2.87	35.76 2.98 -0.53	44.09 3.27 -1.81	21.78 1.74 -0.03
ROME____115KV_TB2 80656	22.72 0.76 0.00	20.68 0.77 0.00	18.96 0.69 0.00	18.94 0.70 0.00	20.30 0.76 0.00	21.69 0.78 0.00	43.64 1.87 0.00	30.38 1.35 0.00	30.49 1.38 0.00	34.10 1.45 0.00	29.07 1.18 0.00	30.50 1.06 0.00	25.37 0.79 0.00	23.21 0.80 0.00	24.60 0.76 0.00	43.75 1.25 -2.56	35.31 1.06 -1.76	40.18 1.31 -2.45	52.18 1.82 -3.15	35.69 1.43 -0.22	65.53 2.87 -3.66	34.38 1.45 -0.68	42.91 1.60 -2.30	20.75 0.72 -0.03
ROSETON____1 23587	23.56 1.60 0.00	21.33 1.43 0.00	19.60 1.34 0.00	19.58 1.33 0.00	20.95 1.41 0.00	22.41 1.51 0.00	44.74 2.97 0.00	31.32 2.29 0.00	31.43 2.33 0.00	35.26 2.62 0.00	30.08 2.19 0.00	31.72 2.28 0.00	26.56 1.98 0.00	24.19 1.78 0.00	25.73 1.90 0.00	42.93 2.98 0.00	34.92 2.44 0.00	41.54 2.87 -2.25	50.81 3.61 0.00	36.75 2.72 0.00	63.85 4.84 0.00	34.84 2.59 0.00	41.85 2.83 0.00	21.53 1.52 0.00
ROSETON____2 23588	23.56 1.60 0.00	21.33 1.43 0.00	19.60 1.34 0.00	19.58 1.33 0.00	20.95 1.41 0.00	22.41 1.51 0.00	44.74 2.97 0.00	31.32 2.29 0.00	31.43 2.33 0.00	35.26 2.62 0.00	30.08 2.19 0.00	31.72 2.28 0.00	26.56 1.98 0.00	24.19 1.78 0.00	25.73 1.90 0.00	42.93 2.98 0.00	34.92 2.44 0.00	41.54 2.87 -2.25	50.81 3.61 0.00	36.75 2.72 0.00	63.85 4.84 0.00	34.84 2.59 0.00	41.85 2.83 0.00	21.53 1.52 0.00
ROTTSDAM_115KV_TB3 80664	22.91 0.95 0.00	20.76 0.86 0.00	19.05 0.78 0.00	19.03 0.79 0.00	20.41 0.87 0.00	21.80 0.90 0.00	43.57 1.80 0.00	30.40 1.37 0.00	30.46 1.35 0.00	34.14 1.50 0.00	29.15 1.26 0.00	30.70 1.26 0.00	25.71 1.13 0.00	23.45 1.04 0.00	24.94 1.10 0.00	43.42 1.81 -1.66	35.14 1.46 -1.20	42.70 1.83 -4.46	51.61 2.38 -2.03	35.97 1.80 -0.13	64.41 3.19 -2.22	34.30 1.64 -0.41	42.15 1.74 -1.40	20.96 0.93 -0.02
RUSSELL____1 23602	21.49 -0.42 0.05	19.52 -0.38 0.00	17.84 -0.43 0.00	17.79 -0.45 0.00	19.13 -0.41 0.00	20.69 -0.21 0.00	41.67 -0.06 0.04	29.27 0.24 0.00	29.37 0.27 0.00	32.77 0.12 0.00	27.99 0.10 0.00	29.26 -0.18 0.00	24.33 -0.25 0.00	22.11 -0.30 0.00	23.56 -0.28 0.00	-6.38 0.23 46.56	0.32 -0.07 32.08	-5.91 -0.02 42.31	-8.59 0.33 56.12	30.33 0.11 3.81	-3.74 0.96 63.71	20.53 0.09 11.82	-0.78 0.33 40.12	19.46 -0.08 0.47
RUSSELL____2 23532	21.49 -0.42 0.05	19.52 -0.38 0.00	17.84 -0.43 0.00	17.79 -0.45 0.00	19.13 -0.41 0.00	20.69 -0.21 0.00	41.67 -0.06 0.04	29.27 0.24 0.00	29.37 0.27 0.00	32.77 0.12 0.00	27.99 0.10 0.00	29.26 -0.18 0.00	24.33 -0.25 0.00	22.11 -0.30 0.00	23.56 -0.28 0.00	-6.38 0.23 46.56	0.32 -0.07 32.08	-5.91 -0.02 42.31	-8.59 0.33 56.12	30.33 0.11 3.81	-3.74 0.96 63.71	20.53 0.09 11.82	-0.78 0.33 40.12	19.46 -0.08 0.47
RUSSELL____3 23549	21.49 -0.42 0.05	19.52 -0.38 0.00	17.84 -0.43 0.00	17.79 -0.45 0.00	19.13 -0.41 0.00	20.69 -0.21 0.00	41.67 -0.06 0.04	29.27 0.24 0.00	29.37 0.27 0.00	32.77 0.12 0.00	27.99 0.10 0.00	29.26 -0.18 0.00	24.33 -0.25 0.00	22.11 -0.30 0.00	23.56 -0.28 0.00	-6.38 0.23 46.56	0.32 -0.07 32.08	-5.91 -0.02 42.31	-8.59 0.33 56.12	30.33 0.11 3.81	-3.74 0.96 63.71	20.53 0.09 11.82	-0.78 0.33 40.12	19.46 -0.08 0.47
RUSSELL____4 23556	21.49 -0.42 0.05	19.52 -0.38 0.00	17.84 -0.43 0.00	17.79 -0.45 0.00	19.13 -0.41 0.00	20.69 -0.21 0.00	41.67 -0.06 0.04	29.27 0.24 0.00	29.37 0.27 0.00	32.77 0.12 0.00	27.99 0.10 0.00	29.26 -0.18 0.00	24.33 -0.25 0.00	22.11 -0.30 0.00	23.56 -0.28 0.00	-6.38 0.23 46.56	0.32 -0.07 32.08	-5.91 -0.02 42.31	-8.59 0.33 56.12	30.33 0.11 3.81	-3.74 0.96 63.71	20.53 0.09 11.82	-0.78 0.33 40.12	19.46 -0.08 0.47

RUSSELL___STATION 23914	21.49 -0.42 0.05	19.52 -0.38 0.00	17.84 -0.43 0.00	17.79 -0.45 0.00	19.13 -0.41 0.00	20.69 -0.21 0.00	41.67 -0.06 0.04	29.27 0.24 0.00	29.37 0.27 0.00	32.77 0.12 0.00	27.99 0.10 0.00	29.26 -0.18 0.00	24.33 -0.25 0.00	22.11 -0.30 0.00	23.56 -0.28 0.00	-6.38 0.23 46.56	0.32 -0.07 32.08	-5.91 -0.02 42.31	-8.59 0.33 56.12	30.33 0.11 3.81	-3.74 0.96 63.71	20.53 0.09 11.82	-0.78 0.33 40.12	19.46 -0.08 0.47
S SALMON___HYD 24043	21.74 -0.22 0.00	19.72 -0.18 0.00	18.10 -0.17 0.00	18.07 -0.18 0.00	19.34 -0.20 0.00	20.73 -0.17 0.00	41.52 -0.24 0.00	28.91 -0.13 0.00	28.89 -0.21 0.00	32.37 -0.28 0.00	27.62 -0.27 0.00	29.12 -0.32 0.00	24.19 -0.39 0.00	22.04 -0.38 0.00	23.34 -0.50 0.00	39.23 -0.72 0.00	31.82 -0.66 0.00	36.05 -0.55 -0.18	46.57 -0.63 0.00	33.69 -0.34 0.00	58.77 -0.24 0.00	32.10 -0.16 0.00	38.83 -0.18 0.00	19.85 -0.16 0.00
S.PERRY___115KV_TB1 80734	23.28 1.32 0.00	21.03 1.12 0.00	19.20 0.93 0.00	19.14 0.90 0.00	20.59 1.05 0.00	22.33 1.43 0.00	45.63 3.28 -0.58	31.65 2.62 0.00	31.70 2.59 0.00	35.14 2.49 0.00	29.95 2.06 0.00	30.96 1.53 0.00	25.73 1.15 0.00	22.81 0.40 0.00	24.16 0.33 0.00	35.62 1.30 5.62	28.59 0.86 4.75	32.15 1.14 5.40	42.03 1.96 7.13	35.09 1.47 0.41	55.52 3.43 6.92	32.44 1.46 1.28	36.57 1.92 4.36	20.78 0.74 -0.03
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.14 -0.79 0.04	19.29 -0.62 0.00	17.60 -0.67 0.00	17.54 -0.70 0.00	18.87 -0.67 0.00	20.38 -0.53 0.00	40.96 -0.71 0.10	28.81 -0.22 0.00	28.92 -0.18 0.00	32.21 -0.44 0.00	27.50 -0.39 0.00	28.69 -0.74 0.00	23.84 -0.74 0.00	21.71 -0.71 0.00	23.20 -0.63 0.00	12.31 -0.17 27.46	12.90 -0.51 19.07	10.25 -0.53 25.64	13.93 -0.30 32.97	31.39 -0.53 2.12	23.56 -0.08 35.37	25.17 -0.53 6.56	16.47 -0.27 22.27	19.26 -0.40 0.35
SAWYER___23_KV_LOAD 55526	21.14 -0.79 0.04	19.29 -0.62 0.00	17.60 -0.67 0.00	17.54 -0.70 0.00	18.87 -0.67 0.00	20.38 -0.53 0.00	40.96 -0.71 0.10	28.81 -0.22 0.00	28.92 -0.18 0.00	32.21 -0.44 0.00	27.50 -0.39 0.00	28.69 -0.74 0.00	23.84 -0.74 0.00	21.71 -0.71 0.00	23.20 -0.63 0.00	12.31 -0.17 27.46	12.90 -0.51 19.07	10.25 -0.53 25.64	13.93 -0.30 32.97	31.39 -0.53 2.12	23.56 -0.08 35.37	25.17 -0.53 6.56	16.47 -0.27 22.27	19.26 -0.40 0.35
SELKIRK___I 23801	22.74 0.78 0.00	20.54 0.64 0.00	18.90 0.63 0.00	18.89 0.65 0.00	20.27 0.73 0.00	21.65 0.75 0.00	43.21 1.44 0.00	30.10 1.06 0.00	30.10 1.00 0.00	33.76 1.11 0.00	28.83 0.94 0.00	30.38 0.94 0.00	25.40 0.82 0.00	23.18 0.77 0.00	24.66 0.82 0.00	41.33 1.38 0.00	33.59 1.11 0.00	40.43 1.37 -2.65	48.97 1.77 0.00	35.38 1.35 0.00	61.39 2.38 0.00	33.39 1.13 0.00	40.20 1.18 0.00	20.70 0.69 0.00
SELKIRK___II 23799	22.66 0.70 0.00	20.50 0.59 0.00	18.87 0.60 0.00	18.86 0.61 0.00	20.20 0.67 0.00	21.56 0.66 0.00	43.05 1.28 0.00	30.01 0.98 0.00	30.04 0.94 0.00	33.71 1.06 0.00	28.78 0.89 0.00	30.33 0.89 0.00	25.37 0.78 0.00	23.14 0.73 0.00	24.63 0.79 0.00	41.23 1.29 0.00	33.53 1.05 0.00	40.37 1.28 -2.68	48.83 1.63 0.00	35.31 1.27 0.00	61.24 2.24 0.00	33.33 1.07 0.00	40.09 1.07 0.00	20.65 0.64 0.00
SENECA OSWGO___HYD 24041	21.66 -0.30 0.00	19.64 -0.26 0.00	18.02 -0.25 0.00	17.99 -0.25 0.00	19.28 -0.26 0.00	20.66 -0.24 0.00	41.37 -0.40 0.00	28.83 -0.20 0.00	28.89 -0.21 0.00	32.36 -0.28 0.00	27.63 -0.26 0.00	29.13 -0.31 0.00	24.30 -0.28 0.00	22.17 -0.24 0.00	23.54 -0.29 0.00	39.54 -0.41 0.00	32.11 -0.37 0.00	36.29 -0.33 -0.20	46.79 -0.41 0.00	33.76 -0.27 0.00	58.71 -0.29 0.00	31.98 -0.28 0.00	38.63 -0.38 0.00	19.78 -0.23 0.00
SENECA___115KV_TB3 355854	21.55 -0.37 0.04	19.66 -0.24 0.00	17.94 -0.33 0.00	17.88 -0.36 0.00	19.24 -0.30 0.00	20.78 -0.13 0.00	41.80 0.13 0.09	29.46 0.43 0.00	29.60 0.50 0.00	32.96 0.32 0.00	28.12 0.23 0.00	29.32 -0.12 0.00	24.35 -0.23 0.00	22.17 -0.24 0.00	23.71 -0.13 0.00	15.25 0.60 25.29	14.98 0.09 17.58	12.98 0.15 23.59	17.37 0.54 30.37	32.29 0.11 1.85	29.05 1.02 30.98	26.60 0.09 5.75	19.94 0.43 19.51	19.64 -0.03 0.34
SENECA___ENERGY 23797	22.00 0.00 -0.04	19.92 0.01 0.00	18.25 -0.02 0.00	18.23 -0.03 0.00	19.54 0.00 0.00	21.02 0.11 0.00	42.30 0.38 -0.14	29.61 0.58 0.00	29.66 0.55 0.00	33.19 0.55 0.00	28.27 0.38 0.00	29.66 0.23 0.00	24.73 0.15 0.00	22.52 0.11 0.00	23.98 0.14 0.00	150.62 0.43 -110.25	107.85 0.21 -75.16	135.54 0.28 -98.84	180.83 0.51 -133.13	43.77 0.50 -9.24	214.49 1.20 -154.29	61.35 0.47 -28.62	136.70 0.52 -97.16	21.21 0.18 -1.03
SHOEMAKER___GT 23640	23.55 1.58 0.00	21.27 1.37 0.00	19.55 1.28 0.00	19.51 1.27 0.00	20.89 1.35 0.00	22.39 1.48 0.00	44.67 2.91 0.00	31.24 2.21 0.00	31.34 2.24 0.00	35.18 2.53 0.00	30.00 2.11 0.00	31.60 2.16 0.00	26.44 1.85 0.00	24.06 1.65 0.00	25.59 1.76 0.00	42.78 2.83 0.00	34.83 2.35 0.00	41.31 2.75 -2.15	50.71 3.51 0.00	36.70 2.66 0.00	63.80 4.79 0.00	34.86 2.61 0.00	41.93 2.92 0.00	21.55 1.54 0.00
SHOEMAKR_138KV_BK 111 55601	23.52 1.56 0.00	21.27 1.36 0.00	19.55 1.28 0.00	19.51 1.27 0.00	20.89 1.35 0.00	22.36 1.46 0.00	44.66 2.89 0.00	31.22 2.19 0.00	31.33 2.23 0.00	35.15 2.51 0.00	29.98 2.09 0.00	31.59 2.15 0.00	26.44 1.85 0.00	24.06 1.65 0.00	25.59 1.76 0.00	45.08 2.82 -2.32	36.48 2.34 -1.66	43.57 2.74 -4.41	53.50 3.48 -2.82	36.86 2.63 -0.18	66.81 4.74 -3.06	35.40 2.58 -0.57	43.82 2.88 -1.93	21.56 1.52 -0.03
SHOREHAM_IC_1 23715	24.07 2.11 0.00	22.00 2.10 0.00	20.13 1.87 0.00	20.08 1.84 0.00	21.53 2.00 0.00	23.06 2.16 0.00	45.66 3.89 0.00	32.14 3.11 0.00	59.56 3.31 -27.15	35.64 3.00 0.00	32.32 2.59 -1.83	37.59 2.72 -5.44	26.93 2.26 -0.08	24.19 1.78 0.00	25.84 2.01 0.00	43.84 3.40 -0.50	35.12 2.64 0.00	41.70 3.03 -2.26	51.04 3.84 0.00	37.29 3.24 0.00	65.36 5.55 -0.80	35.25 3.00 0.00	42.36 3.35 0.00	21.84 1.83 0.00
SHOREHAM_IC_2 23716	24.07 2.11 0.00	22.00 2.10 0.00	20.13 1.87 0.00	20.08 1.84 0.00	21.53 2.00 0.00	23.06 2.16 0.00	45.66 3.89 0.00	32.14 3.11 0.00	59.56 3.31 -27.15	35.64 3.00 0.00	32.32 2.59 -1.83	37.59 2.72 -5.44	26.93 2.26 -0.08	24.19 1.78 0.00	25.84 2.01 0.00	43.84 3.40 -0.50	35.12 2.64 0.00	41.70 3.03 -2.26	51.04 3.84 0.00	37.29 3.24 0.00	65.36 5.55 -0.80	35.25 3.00 0.00	42.36 3.35 0.00	21.84 1.83 0.00
SISSONVILLE___ 23735	21.17 -0.80 0.00	19.24 -0.67 0.00	17.66 -0.61 0.00	17.62 -0.62 0.00	18.88 -0.66 0.00	20.18 -0.72 0.00	40.41 -1.36 0.00	27.95 -1.09 0.00	27.97 -1.14 0.00	31.33 -1.31 0.00	26.80 -1.09 0.00	28.34 -1.10 0.00	23.61 -0.98 0.00	21.47 -0.94 0.00	22.80 -1.04 0.00	38.88 -1.79 -0.72	31.66 -1.31 -0.50	35.56 -1.54 -0.68	46.15 -1.94 -0.88	32.71 -1.39 -0.06	56.99 -3.05 -1.03	31.20 -1.25 -0.19	38.24 -1.42 -0.65	19.21 -0.81 -0.01

SITHE_IND_GS1 24169	21.44 -0.52 0.00	19.44 -0.46 0.00	17.84 -0.43 0.00	17.82 -0.42 0.00	19.09 -0.45 0.00	20.44 -0.46 0.00	40.88 -0.89 0.00	28.50 -0.53 0.00	28.56 -0.54 0.00	32.02 -0.63 0.00	27.33 -0.56 0.00	28.80 -0.64 0.00	24.04 -0.54 0.00	21.92 -0.49 0.00	23.31 -0.52 0.00	39.13 -0.81 0.00	31.77 -0.70 0.00	35.84 -0.74 -0.16	46.25 -0.95 0.00	33.39 -0.65 0.00	58.00 -1.00 0.00	31.62 -0.64 0.00	38.22 -0.79 0.00	19.58 -0.43 0.00
SITHE_IND_GS2 24170	21.44 -0.52 0.00	19.44 -0.46 0.00	17.84 -0.43 0.00	17.82 -0.42 0.00	19.09 -0.45 0.00	20.44 -0.46 0.00	40.88 -0.89 0.00	28.50 -0.53 0.00	28.56 -0.54 0.00	32.02 -0.63 0.00	27.33 -0.56 0.00	28.80 -0.64 0.00	24.04 -0.54 0.00	21.92 -0.49 0.00	23.31 -0.52 0.00	39.13 -0.81 0.00	31.77 -0.70 0.00	35.84 -0.74 -0.16	46.25 -0.95 0.00	33.39 -0.65 0.00	58.00 -1.00 0.00	31.62 -0.64 0.00	38.22 -0.79 0.00	19.58 -0.43 0.00
SITHE_IND_GS3 24171	21.44 -0.52 0.00	19.44 -0.46 0.00	17.84 -0.43 0.00	17.82 -0.42 0.00	19.09 -0.45 0.00	20.44 -0.46 0.00	40.88 -0.89 0.00	28.50 -0.53 0.00	28.56 -0.54 0.00	32.02 -0.63 0.00	27.33 -0.56 0.00	28.80 -0.64 0.00	24.04 -0.54 0.00	21.92 -0.49 0.00	23.31 -0.52 0.00	39.13 -0.81 0.00	31.77 -0.70 0.00	35.84 -0.74 -0.16	46.25 -0.95 0.00	33.39 -0.65 0.00	58.00 -1.00 0.00	31.62 -0.64 0.00	38.22 -0.79 0.00	19.58 -0.43 0.00
SITHE_IND_GS4 24172	21.44 -0.52 0.00	19.44 -0.46 0.00	17.84 -0.43 0.00	17.82 -0.42 0.00	19.09 -0.45 0.00	20.44 -0.46 0.00	40.88 -0.89 0.00	28.50 -0.53 0.00	28.56 -0.54 0.00	32.02 -0.63 0.00	27.33 -0.56 0.00	28.80 -0.64 0.00	24.04 -0.54 0.00	21.92 -0.49 0.00	23.31 -0.52 0.00	39.13 -0.81 0.00	31.77 -0.70 0.00	35.84 -0.74 -0.16	46.25 -0.95 0.00	33.39 -0.65 0.00	58.00 -1.00 0.00	31.62 -0.64 0.00	38.22 -0.79 0.00	19.58 -0.43 0.00
SITHE___BATAVIA 24024	21.72 -0.20 0.05	19.78 -0.11 0.01	18.04 -0.20 0.02	18.01 -0.23 0.01	19.34 -0.15 0.05	20.76 0.07 0.22	41.90 0.64 0.50	29.66 0.74 0.11	29.82 0.80 0.09	33.13 0.58 0.09	28.26 0.44 0.06	29.51 0.08 0.00	24.53 -0.06 0.00	22.29 -0.12 0.00	23.77 -0.06 0.00	1.54 0.82 39.23	6.21 0.48 26.75	2.34 0.60 34.68	0.94 1.12 47.38	31.34 0.47 3.17	7.86 1.86 53.00	22.95 0.53 9.83	6.51 0.87 33.37	19.73 0.14 0.42
SITHE___INDEPEND 23800	21.44 -0.52 0.00	19.44 -0.46 0.00	17.84 -0.43 0.00	17.82 -0.42 0.00	19.09 -0.45 0.00	20.44 -0.46 0.00	40.88 -0.89 0.00	28.50 -0.53 0.00	28.56 -0.54 0.00	32.02 -0.63 0.00	27.33 -0.56 0.00	28.80 -0.64 0.00	24.04 -0.54 0.00	21.92 -0.49 0.00	23.31 -0.52 0.00	38.14 -0.83 0.98	31.07 -0.70 0.70	34.87 -0.74 0.81	45.06 -0.95 1.19	33.31 -0.65 0.08	56.72 -1.00 1.29	31.38 -0.63 0.24	37.41 -0.79 0.81	19.57 -0.43 0.01
SITHE___MASSENA 23902	21.76 -0.20 0.00	19.77 -0.13 0.00	18.14 -0.13 0.00	18.11 -0.14 0.00	19.38 -0.16 0.00	20.70 -0.21 0.00	41.35 0.64 0.00	28.59 -0.44 0.00	28.65 -0.45 0.00	32.15 -0.50 0.00	27.50 -0.39 0.00	29.10 -0.34 0.00	24.26 -0.32 0.00	22.10 -0.31 0.00	23.50 -0.33 0.00	39.34 -0.61 0.00	32.07 -0.40 0.00	35.83 -0.58 0.00	46.47 -0.73 0.00	33.48 -0.56 0.00	57.42 -1.59 0.00	31.76 -0.49 0.00	38.52 -0.49 0.00	19.72 -0.29 0.00
SITHE___OGDNSBRG 24021	21.80 -0.17 0.00	19.79 -0.11 0.00	18.17 -0.10 0.00	18.13 -0.11 0.00	19.43 -0.11 0.00	20.77 -0.13 0.00	41.59 -0.18 0.00	28.74 -0.29 0.00	28.78 -0.33 0.00	32.26 -0.38 0.00	27.60 -0.30 0.00	29.14 -0.29 0.00	24.31 -0.27 0.00	22.12 -0.30 0.00	23.49 -0.35 0.00	39.90 -0.62 -0.58	32.52 -0.36 -0.40	36.49 -0.48 -0.55	47.36 -0.55 -0.71	33.68 -0.41 -0.05	58.48 -1.36 -0.83	32.06 -0.35 -0.15	39.19 -0.34 -0.52	19.76 -0.25 0.00
SITHE___STERLING 23777	22.63 0.67 0.00	20.57 0.67 0.00	18.87 0.60 0.00	18.85 0.60 0.00	20.21 0.67 0.00	21.59 0.69 0.00	43.38 1.62 0.00	30.22 1.19 0.00	30.32 1.21 0.00	33.93 1.28 0.00	28.91 1.02 0.00	30.34 0.91 0.00	25.29 0.71 0.00	23.11 0.69 0.00	24.52 0.68 0.00	41.09 1.15 0.00	33.41 0.93 0.00	37.73 1.18 -0.14	48.81 1.61 0.00	35.31 1.27 0.00	61.53 2.53 0.00	33.51 1.26 0.00	40.39 1.38 0.00	20.64 0.63 0.00
SLEIGHT___34_KV_TB1 80719	22.17 0.23 0.02	20.14 0.24 0.00	18.45 0.18 0.00	18.42 0.17 0.00	19.76 0.23 0.00	21.26 0.35 0.00	42.78 1.02 0.01	30.04 1.00 0.00	30.05 0.94 0.00	33.70 1.05 0.00	28.67 0.78 0.00	30.07 0.63 0.00	25.13 0.54 0.00	22.84 0.43 0.00	24.32 0.49 0.00	28.96 0.98 11.97	26.03 0.77 7.22	27.41 0.81 9.82	35.42 1.34 13.12	34.19 1.03 0.88	46.48 2.18 14.70	30.47 0.95 2.73	30.87 1.11 9.26	20.31 0.41 0.11
SOUTH CAIRO___GT 23612	23.20 1.24 0.00	20.87 0.97 0.00	19.20 0.93 0.00	19.19 0.95 0.00	20.61 1.07 0.00	22.11 1.20 0.00	44.24 2.47 0.00	30.86 1.83 0.00	30.84 1.73 0.00	34.53 1.88 0.00	29.43 1.54 0.00	30.89 1.45 0.00	25.74 1.15 0.00	23.41 1.00 0.00	24.96 1.12 0.00	42.06 2.11 0.00	34.03 1.55 0.00	40.90 1.92 -2.57	49.82 2.62 0.00	36.14 2.10 0.00	63.13 4.13 0.00	34.24 1.98 0.00	41.11 2.09 0.00	21.13 1.12 0.00
SOUTH HAMPTN___IC 23720	24.51 2.55 0.00	22.32 2.41 0.00	20.43 2.16 0.00	20.39 2.14 0.00	21.88 2.34 0.00	23.50 2.59 0.00	46.58 4.81 0.00	32.80 3.77 0.00	60.24 3.99 -27.15	36.45 3.80 0.00	33.01 3.29 -1.83	38.31 3.43 -5.44	27.49 2.82 -0.08	24.70 2.29 0.00	26.40 2.57 0.00	44.84 4.40 -0.50	35.91 3.43 0.00	42.60 3.92 -2.26	52.24 5.03 0.00	38.10 4.06 0.00	66.86 7.05 -0.80	36.05 3.79 0.00	43.33 4.32 0.00	22.30 2.29 0.00
SOUTHDOW_115KV_TB1 355954	22.46 0.53 0.03	20.49 0.59 0.00	18.77 0.50 0.00	18.70 0.45 0.00	20.22 0.68 0.00	21.86 0.96 0.00	44.28 2.58 0.06	31.27 2.24 0.00	31.48 2.37 0.00	35.02 2.38 0.00	29.87 1.99 0.00	30.67 1.23 0.00	25.39 0.80 0.00	23.07 0.66 0.00	25.07 1.24 0.00	22.55 2.67 20.06	19.86 1.65 14.26	19.36 1.97 19.04	25.76 2.98 24.42	34.90 2.12 1.25	42.68 4.62 20.95	30.42 2.05 3.89	28.56 2.74 13.19	20.97 1.14 0.18
SOUTHOLD_69_KV_BK 2 55809	24.81 2.85 0.00	22.54 2.64 0.00	20.65 2.37 0.00	20.60 2.36 0.00	22.11 2.58 0.00	23.79 2.88 0.00	47.20 5.42 0.00	33.24 4.20 0.00	60.71 4.46 -27.15	36.96 4.31 0.00	33.46 3.74 -1.83	38.74 3.86 -5.44	27.81 3.14 -0.08	24.98 2.57 0.00	26.74 2.90 0.00	47.68 5.07 -2.67	37.95 3.91 -1.56	45.33 4.52 -4.39	55.62 5.78 -2.64	38.75 4.54 -0.18	70.70 8.03 -3.67	37.10 4.32 -0.53	45.81 4.99 -1.81	22.63 2.59 -0.03
SOUTHOLD___IC 23719	24.81 2.85 0.00	22.54 2.63 0.00	20.64 2.37 0.00	20.60 2.36 0.00	22.11 2.58 0.00	23.79 2.88 0.00	47.19 5.42 0.00	33.24 4.21 0.00	60.70 4.45 -27.15	36.96 4.31 0.00	33.46 3.74 -1.83	38.74 3.86 -5.44	27.81 3.14 -0.08	24.98 2.57 0.00	26.73 2.90 0.00	45.46 5.02 -0.50	36.39 3.91 0.00	43.19 4.51 -2.26	52.98 5.78 0.00	38.58 4.54 0.00	67.84 8.03 -0.80	36.57 4.31 0.00	43.98 4.97 0.00	22.59 2.58 0.00

SPIERFLS_115KV_TB 1 80737	23.07 1.10 0.00	20.79 0.89 0.00	19.05 0.78 0.00	19.05 0.80 0.00	20.49 0.95 0.00	22.02 1.11 0.00	44.05 2.27 0.00	30.71 1.68 0.00	30.78 1.68 0.00	34.47 1.83 0.00	29.44 1.55 0.00	31.02 1.58 0.00	25.94 1.36 0.00	23.66 1.25 0.00	25.16 1.33 0.00	43.94 2.33 -1.66	35.45 1.78 -1.20	43.21 2.36 -4.43	52.33 3.09 -2.03	36.54 2.37 -0.13	65.33 4.11 -2.21	34.69 2.02 -0.41	42.54 2.13 -1.39	21.18 1.15 -0.02
ST LAWRENCE____ 23600	21.62 -0.34 0.00	19.62 -0.28 0.00	18.00 -0.27 0.00	17.97 -0.27 0.00	19.23 -0.31 0.00	20.55 -0.35 0.00	41.03 -0.74 0.00	28.38 -0.66 0.00	28.45 -0.66 0.00	31.92 -0.73 0.00	27.30 -0.58 0.00	28.91 -0.53 0.00	24.11 -0.47 0.00	21.97 -0.44 0.00	23.36 -0.47 0.00	39.10 -0.84 0.00	31.87 -0.61 0.00	35.60 -0.81 0.00	46.14 -1.06 0.00	33.24 -0.80 0.00	57.26 -1.74 0.00	31.53 -0.72 0.00	38.26 -0.76 0.00	19.60 -0.41 0.00
STATE_CA_115KV_115_LB 55624	22.57 0.61 0.00	20.41 0.50 0.00	18.82 0.55 0.00	18.80 0.55 0.00	20.13 0.59 0.00	21.49 0.59 0.00	42.90 1.13 0.00	29.91 0.88 0.00	29.95 0.84 0.00	33.62 0.98 0.00	28.72 0.83 0.00	30.27 0.83 0.00	25.32 0.73 0.00	23.12 0.71 0.00	24.58 0.74 0.00	42.86 1.23 -1.68	34.71 1.03 -1.21	42.05 1.27 -4.37	50.84 1.59 -2.05	35.44 1.27 -0.13	63.40 2.16 -2.23	33.67 1.00 -0.41	41.36 0.94 -1.41	20.60 0.57 -0.02
STATE_ST_34_KV_LOAD 55959	22.43 0.45 -0.01	20.17 0.27 0.00	18.51 0.24 0.00	18.48 0.24 0.00	19.82 0.28 0.00	21.43 0.53 0.00	42.98 1.20 0.00	30.11 1.08 0.00	30.08 0.97 0.00	33.80 1.16 0.00	28.72 0.83 0.00	30.17 0.73 0.00	25.27 0.68 0.00	23.00 0.59 0.00	24.48 0.64 0.00	86.63 1.07 -45.61	63.73 0.93 -30.32	78.31 0.97 -40.92	103.68 1.44 -55.04	39.00 1.14 -3.82	125.14 2.28 -63.85	45.19 1.09 -11.85	80.50 1.28 -40.21	21.00 0.57 -0.43
STATION 5_MISC_HYD 23604	21.38 -0.53 0.05	19.43 -0.46 0.01	17.74 -0.51 0.02	17.71 -0.53 0.01	19.00 -0.49 0.04	20.39 -0.32 0.19	41.14 -0.28 0.34	29.00 0.07 0.10	29.15 0.12 0.07	32.50 -0.06 0.08	27.76 -0.08 0.06	29.10 -0.34 0.00	24.19 -0.39 0.00	21.99 -0.43 0.00	23.43 -0.40 0.00	-6.47 0.07 46.48	0.60 -0.20 31.68	-4.94 -0.19 41.18	-8.83 0.08 56.12	30.14 -0.08 3.81	-4.05 0.66 63.71	20.34 -0.09 11.82	-0.95 0.15 40.12	19.36 -0.19 0.47
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.73 -0.17 0.07	19.80 -0.10 0.00	18.11 -0.16 0.00	18.08 -0.16 0.00	19.41 -0.12 0.00	20.91 0.01 0.00	42.10 0.35 0.02	29.57 0.54 0.00	29.66 0.55 0.00	33.10 0.46 0.00	28.24 0.35 0.00	29.57 0.14 0.00	24.61 0.03 0.00	22.38 -0.03 0.00	23.85 0.02 0.00	-53.81 0.52 94.27	-31.90 0.18 64.55	-47.94 0.25 84.61	-65.90 0.64 113.73	26.65 0.44 7.82	-70.33 1.35 130.68	8.39 0.38 24.24	-42.73 0.55 82.29	19.20 0.08 0.90
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.26 -0.65 0.06	19.33 -0.57 0.00	17.66 -0.60 0.00	17.62 -0.62 0.00	18.94 -0.60 0.00	20.46 -0.44 0.00	41.19 -0.54 0.04	28.93 -0.10 0.00	29.03 -0.08 0.00	32.39 -0.25 0.00	27.66 -0.23 0.00	28.93 -0.51 0.00	24.07 -0.52 0.00	21.87 -0.54 0.00	23.32 -0.52 0.00	-16.08 -0.24 55.79	-6.33 -0.43 38.37	-14.51 -0.43 50.50	-20.28 -0.23 67.25	29.18 -0.27 4.59	-17.38 0.25 76.63	17.76 -0.28 14.22	-9.38 -0.14 48.26	19.15 -0.31 0.55
STA_56____34_KV_BUS2 355983	21.26 -0.65 0.06	19.33 -0.57 0.00	17.66 -0.60 0.00	17.62 -0.62 0.00	18.94 -0.60 0.00	20.46 -0.44 0.00	41.19 -0.54 0.04	28.93 -0.10 0.00	29.03 -0.08 0.00	32.39 -0.25 0.00	27.66 -0.23 0.00	28.93 -0.51 0.00	24.07 -0.52 0.00	21.87 -0.54 0.00	23.32 -0.52 0.00	-16.08 -0.24 55.79	-6.33 -0.43 38.37	-14.51 -0.43 50.50	-20.28 -0.23 67.25	29.18 -0.27 4.59	-17.38 0.25 76.63	17.76 -0.28 14.22	-9.38 -0.14 48.26	19.15 -0.31 0.55
STA_67____115KV_BK2 355882	21.34 -0.58 0.05	19.40 -0.50 0.00	17.72 -0.55 0.00	17.68 -0.56 0.00	19.01 -0.53 0.00	20.54 -0.37 0.00	41.35 -0.38 0.04	29.03 0.00 0.00	29.13 0.02 0.00	32.50 -0.15 0.00	27.75 -0.13 0.00	29.02 -0.42 0.00	24.13 -0.45 0.00	21.94 -0.47 0.00	23.38 -0.46 0.00	-6.60 -0.09 46.45	0.14 -0.32 32.01	-6.11 -0.31 42.22	-8.84 -0.06 55.99	30.07 -0.16 3.81	-4.11 0.45 63.57	20.29 -0.17 11.79	-0.99 0.02 40.03	19.30 -0.24 0.47
STA_7____115KV_9TRANS 80674	21.49 -0.42 0.05	19.52 -0.38 0.00	17.84 -0.43 0.00	17.79 -0.45 0.00	19.13 -0.41 0.00	20.69 -0.21 0.00	41.67 -0.06 0.04	29.27 0.24 0.00	29.37 0.27 0.00	32.77 0.12 0.00	27.99 0.10 0.00	29.26 -0.18 0.00	24.33 -0.25 0.00	22.11 -0.30 0.00	23.56 -0.28 0.00	-6.38 0.23 46.56	0.32 -0.07 32.08	-5.91 -0.02 42.31	-8.59 0.33 56.12	30.33 0.11 3.81	-3.74 0.96 63.71	20.53 0.09 11.82	-0.78 0.33 40.12	19.46 -0.08 0.47
STA_82____115KV_TB1 80780	21.34 -0.57 0.05	19.41 -0.50 0.00	17.73 -0.54 0.00	17.69 -0.56 0.00	19.02 -0.52 0.00	20.55 -0.35 0.00	41.37 -0.36 0.04	29.05 0.02 0.00	29.15 0.04 0.00	32.52 -0.13 0.00	27.77 -0.12 0.00	29.03 -0.40 0.00	24.15 -0.44 0.00	21.95 -0.46 0.00	23.39 -0.45 0.00	-7.18 -0.07 47.06	-0.25 -0.30 32.43	-6.62 -0.29 42.75	-9.56 -0.04 56.73	30.04 -0.14 3.86	-4.90 0.50 64.41	20.15 -0.16 11.95	-1.51 0.03 40.56	19.31 -0.22 0.47
STEEL____WIND 323596	21.53 -0.40 0.04	19.63 -0.26 0.01	17.90 -0.35 0.02	17.86 -0.38 0.01	19.18 -0.30 0.05	20.54 -0.15 0.22	41.09 0.10 0.78	29.31 0.40 0.11	29.52 0.50 0.09	32.83 0.28 0.09	28.00 0.18 0.06	29.29 -0.15 0.00	24.33 -0.26 0.00	22.14 -0.28 0.00	23.67 -0.16 0.00	15.43 0.63 25.14	15.45 0.12 17.15	14.52 0.15 22.05	17.36 0.53 30.37	32.26 0.08 1.85	29.04 1.02 30.98	26.57 0.06 5.75	19.95 0.45 19.51	19.63 -0.04 0.34
STEPHTWN_115KV_BK_2 55603	22.76 0.80 0.00	20.55 0.65 0.00	18.94 0.67 0.00	18.94 0.69 0.00	20.34 0.80 0.00	21.74 0.83 0.00	43.42 1.65 0.00	30.27 1.24 0.00	30.20 1.10 0.00	33.92 1.27 0.00	28.91 1.02 0.00	30.45 1.01 0.00	25.46 0.88 0.00	23.25 0.83 0.00	24.73 0.89 0.00	43.11 1.49 -1.69	34.87 1.18 -1.21	42.32 1.55 -4.35	51.27 2.01 -2.06	35.86 1.69 -0.13	64.09 2.84 -2.24	34.00 1.33 -0.41	41.71 1.29 -1.41	20.77 0.74 -0.02
STEBEN_REC_LFGE 323667	22.62 0.65 0.00	20.56 0.65 0.00	18.78 0.51 0.00	18.71 0.46 0.00	20.10 0.56 0.00	21.67 0.77 0.00	43.83 1.82 -0.24	30.72 1.69 0.00	30.81 1.71 0.00	34.32 1.68 0.00	29.26 1.37 0.00	30.45 1.01 0.00	25.32 0.74 0.00	23.05 0.63 0.00	24.57 0.74 0.00	75.65 1.87 -33.84	55.44 1.11 -21.84	68.21 1.48 -30.31	89.46 2.17 -40.09	38.48 1.59 -2.85	110.08 3.46 -47.61	42.66 1.57 -8.83	70.98 1.98 -29.98	21.30 0.90 -0.39
STONY____BROOK 24151	24.36 2.40 0.00	22.11 2.21 0.00	20.24 1.97 0.00	20.18 1.93 0.00	21.65 2.11 0.00	23.28 2.37 0.00	46.15 4.38 0.00	32.43 3.40 0.00	59.88 3.63 -27.15	36.25 3.61 0.00	32.85 3.13 -1.83	38.17 3.29 -5.44	27.41 2.74 -0.08	24.63 2.22 0.00	26.35 2.51 0.00	44.70 4.26 -0.50	35.77 3.29 0.00	42.45 3.77 -2.26	51.89 4.69 0.00	37.84 3.80 0.00	66.33 6.52 -0.80	35.81 3.55 0.00	43.12 4.11 0.00	22.21 2.19 0.00

STURGEON_POOL_HYD 23609	24.43 2.47 0.00	22.20 2.29 0.00	20.38 2.11 0.00	20.35 2.10 0.00	21.76 2.22 0.00	23.26 2.36 0.00	46.66 4.88 0.00	32.75 3.71 0.00	32.90 3.79 0.00	36.91 4.26 0.00	31.45 3.57 0.00	33.10 3.66 0.00	27.62 3.04 0.00	25.12 2.70 0.00	26.70 2.87 0.00	46.67 4.60 -2.13	37.81 3.80 -1.53	45.23 4.42 -4.39	55.55 5.77 -2.58	38.61 4.41 -0.17	69.76 7.94 -2.81	37.03 4.26 -0.52	45.50 4.71 -1.77	22.42 2.39 -0.03
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.59 1.62 0.00	21.36 1.46 0.00	19.64 1.37 0.00	19.60 1.36 0.00	20.98 1.44 0.00	22.43 1.53 0.00	44.81 3.04 0.00	31.33 2.30 0.00	31.45 2.34 0.00	35.28 2.63 0.00	30.07 2.18 0.00	31.70 2.26 0.00	26.56 1.97 0.00	24.18 1.76 0.00	25.71 1.87 0.00	45.19 2.97 -2.28	36.57 2.45 -1.64	43.71 2.88 -4.41	53.58 3.62 -2.77	36.95 2.73 -0.18	66.92 4.90 -3.01	35.47 2.65 -0.56	43.83 2.93 -1.90	21.58 1.54 -0.03
SWANROAD_115KV_TB1 355699	20.59 -1.33 0.04	18.79 -1.12 0.00	17.14 -1.13 0.00	17.08 -1.16 0.00	18.37 -1.17 0.00	19.83 -1.07 0.00	39.90 -1.79 0.08	27.98 -1.05 0.00	28.09 -1.01 0.00	31.24 -1.40 0.00	26.71 -1.17 0.00	27.88 -1.56 0.00	23.18 -1.40 0.00	21.08 -1.33 0.00	22.51 -1.32 0.00	7.84 -0.85 31.25	9.78 -1.03 21.67	6.27 -1.12 29.03	8.55 -1.09 37.55	30.05 -1.53 2.45	16.18 -1.81 41.02	23.21 -1.44 7.61	11.78 -1.40 25.83	18.70 -0.94 0.37
SYNERGY___BIOGAS 323694	21.72 -0.20 0.05	19.78 -0.11 0.01	18.04 -0.20 0.02	18.01 -0.23 0.01	19.34 -0.15 0.05	20.76 0.07 0.22	41.90 0.64 0.50	29.66 0.74 0.11	29.82 0.80 0.09	33.13 0.58 0.09	28.26 0.44 0.06	29.51 0.08 0.00	24.53 -0.06 0.00	22.29 -0.12 0.00	23.77 -0.06 0.00	1.54 0.82 39.23	6.21 0.48 26.75	2.34 0.60 34.68	0.94 1.12 47.38	31.34 0.47 3.17	7.86 1.86 53.00	22.95 0.53 9.83	6.51 0.87 33.37	19.73 0.14 0.42
SYRACUSE___ENERGY_ST1 323597	21.98 0.02 0.00	19.92 0.01 0.00	18.28 0.00 0.00	18.24 -0.01 0.00	19.54 0.00 0.00	20.98 0.07 0.00	41.99 0.22 0.00	29.30 0.27 0.00	29.36 0.25 0.00	32.91 0.27 0.00	28.07 0.18 0.00	29.55 0.11 0.00	24.68 0.10 0.00	22.49 0.08 0.00	23.93 0.09 0.00	54.67 0.29 -14.44	42.53 0.21 -9.85	49.86 0.28 -13.16	65.05 0.41 -17.43	35.58 0.33 -1.22	80.09 0.78 -20.31	36.33 0.30 -3.77	52.10 0.30 -12.79	20.25 0.11 -0.13
SYRACUSE___ENERGY_ST2 323598	21.98 0.02 0.00	19.92 0.01 0.00	18.28 0.00 0.00	18.24 -0.01 0.00	19.54 0.00 0.00	20.98 0.07 0.00	41.99 0.22 0.00	29.30 0.27 0.00	29.36 0.25 0.00	32.91 0.27 0.00	28.07 0.18 0.00	29.55 0.11 0.00	24.68 0.10 0.00	22.49 0.08 0.00	23.93 0.09 0.00	54.67 0.29 -14.44	42.53 0.21 -9.85	49.86 0.28 -13.16	65.05 0.41 -17.43	35.58 0.33 -1.22	80.09 0.78 -20.31	36.33 0.30 -3.77	52.10 0.30 -12.79	20.25 0.11 -0.13
SYRACUSE___POWER 24017	22.02 0.06 0.00	19.97 0.06 0.00	18.32 0.04 0.00	18.29 0.04 0.00	19.60 0.06 0.00	21.01 0.11 0.00	42.08 0.31 0.00	29.36 0.33 0.00	29.43 0.32 0.00	32.99 0.34 0.00	28.15 0.26 0.00	29.63 0.19 0.00	24.73 0.15 0.00	22.54 0.13 0.00	23.98 0.15 0.00	48.41 0.33 -8.13	38.18 0.22 -5.48	44.20 0.33 -7.45	57.40 0.43 -9.76	35.08 0.36 -0.68	71.16 0.80 -11.35	34.68 0.31 -2.11	46.49 0.32 -7.15	20.21 0.13 -0.08
TALLMAN__138KV_BK151 55660	23.71 1.75 0.00	21.48 1.57 0.00	19.74 1.47 0.00	19.71 1.46 0.00	21.08 1.54 0.00	22.54 1.64 0.00	45.06 3.28 0.00	31.53 2.49 0.00	31.65 2.54 0.00	35.51 2.86 0.00	30.26 2.37 0.00	31.92 2.47 0.00	26.75 2.17 0.00	24.36 1.95 0.00	25.91 2.08 0.00	45.46 3.28 -2.24	36.75 2.66 -1.61	43.92 3.10 -4.40	53.78 3.87 -2.72	37.13 2.91 -0.18	67.17 5.20 -2.96	35.60 2.79 -0.55	43.93 3.05 -1.86	21.64 1.60 -0.03
TEALLAVE_115KV_TB7 355573	21.89 -0.07 0.00	19.85 -0.05 0.00	18.21 -0.06 0.00	18.19 -0.05 0.00	19.49 -0.05 0.00	20.88 -0.02 0.00	41.82 0.06 0.00	29.17 0.14 0.00	29.25 0.14 0.00	32.78 0.14 0.00	27.98 0.09 0.00	29.46 0.02 0.00	24.59 0.01 0.00	22.42 0.01 0.00	23.86 0.02 0.00	45.62 0.11 -5.57	36.24 0.02 -3.75	41.61 0.08 -5.11	54.02 0.12 -6.70	34.63 0.13 -0.47	67.23 0.40 -7.83	33.80 0.09 -1.45	44.00 0.06 -4.93	20.05 -0.01 -0.05
TELEGRAPH_34_KV_EAST 80808	21.14 -0.78 0.04	19.29 -0.62 0.00	17.60 -0.67 0.00	17.55 -0.70 0.00	18.87 -0.67 0.00	20.39 -0.52 0.00	41.07 -0.63 0.07	28.85 -0.19 0.00	28.96 -0.15 0.00	32.22 -0.43 0.00	27.53 -0.36 0.00	28.70 -0.73 0.00	23.85 -0.73 0.00	21.69 -0.73 0.00	23.14 -0.69 0.00	4.92 -0.02 35.00	7.92 -0.35 24.22	3.82 -0.34 32.26	5.05 -0.05 42.10	30.71 -0.54 2.79	12.41 -0.03 46.57	23.11 -0.51 8.64	9.38 -0.31 29.33	19.20 -0.41 0.39
TEMPLE___115KV_TB 2 55572	21.91 -0.05 0.00	19.86 -0.04 0.00	18.22 -0.05 0.00	18.20 -0.05 0.00	19.50 -0.04 0.00	20.90 0.00 0.00	41.85 0.09 0.00	29.20 0.17 0.00	29.27 0.17 0.00	32.81 0.17 0.00	28.01 0.12 0.00	29.49 0.05 0.00	24.62 0.03 0.00	22.45 0.03 0.00	23.88 0.05 0.00	45.48 0.16 -5.38	36.16 0.06 -3.62	41.50 0.13 -4.95	53.84 0.17 -6.46	34.65 0.16 -0.45	67.02 0.46 -7.56	33.78 0.12 -1.40	43.87 0.10 -4.76	20.07 0.01 -0.05
TIANA____69_KV_BK 1 55817	24.42 2.46 0.00	22.24 2.34 0.00	20.36 2.09 0.00	20.31 2.06 0.00	21.80 2.26 0.00	23.39 2.49 0.00	46.37 4.60 0.00	32.64 3.60 0.00	60.09 3.83 -27.15	36.27 3.62 0.00	32.86 3.14 -1.83	38.17 3.30 -5.44	27.38 2.71 -0.08	24.60 2.19 0.00	26.29 2.46 0.00	46.85 4.24 -2.67	37.32 3.28 -1.56	44.55 3.75 -4.39	54.64 4.80 -2.64	38.11 3.90 -0.18	69.44 6.76 -3.67	36.43 3.64 -0.53	44.96 4.14 -1.81	22.24 2.20 -0.03
TILDEN___115KV_TB1 80814	22.02 0.06 0.00	19.97 0.06 0.00	18.32 0.04 0.00	18.29 0.04 0.00	19.60 0.06 0.00	21.01 0.11 0.00	42.08 0.31 0.00	29.36 0.33 0.00	29.43 0.32 0.00	32.99 0.34 0.00	28.15 0.26 0.00	29.63 0.19 0.00	24.73 0.15 0.00	22.54 0.13 0.00	23.98 0.15 0.00	48.41 0.33 -8.13	38.18 0.22 -5.48	44.20 0.33 -7.45	57.40 0.43 -9.76	35.08 0.36 -0.68	71.16 0.80 -11.35	34.68 0.31 -2.11	46.49 0.32 -7.15	20.21 0.13 -0.08
TRIGEN___CC 323695	24.06 2.10 0.00	21.85 1.94 0.00	20.03 1.75 0.00	19.98 1.73 0.00	21.41 1.87 0.00	22.94 2.04 0.00	45.65 3.87 0.00	32.05 3.02 0.00	59.45 3.20 -27.15	36.02 3.37 0.00	32.67 2.95 -1.83	38.01 3.13 -5.44	27.33 2.66 -0.08	24.69 2.28 0.00	26.31 2.48 0.00	46.66 4.05 -2.67	37.16 3.12 -1.56	44.43 3.63 -4.39	54.36 4.52 -2.64	37.76 3.54 -0.18	68.80 6.12 -3.67	36.12 3.33 -0.53	44.57 3.75 -1.81	22.00 1.96 -0.03
TRINITY__115KV__ 4 BK 55933	22.53 0.56 0.00	20.36 0.45 0.00	18.77 0.50 0.00	18.76 0.51 0.00	20.08 0.55 0.00	21.43 0.53 0.00	42.78 1.01 0.00	29.82 0.79 0.00	29.84 0.74 0.00	33.49 0.85 0.00	28.61 0.72 0.00	30.15 0.71 0.00	25.21 0.63 0.00	23.02 0.61 0.00	24.48 0.65 0.00	42.70 1.07 -1.68	34.58 0.90 -1.21	41.89 1.12 -4.35	50.64 1.39 -2.05	35.30 1.13 -0.13	63.14 1.90 -2.23	33.54 0.87 -0.41	41.19 0.77 -1.41	20.53 0.50 -0.02

UNION___PROCESSING_DRP 323587	21.35 -0.56 0.05	19.42 -0.49 0.00	17.74 -0.53 0.00	17.69 -0.55 0.00	19.02 -0.52 0.00	20.56 -0.35 0.00	41.39 -0.34 0.04	29.06 0.03 0.00	29.17 0.06 0.00	32.54 -0.11 0.00	27.78 -0.10 0.00	29.04 -0.39 0.00	24.15 -0.43 0.00	21.96 -0.45 0.00	23.40 -0.44 0.00	-7.38 -0.05 47.27	-0.38 -0.29 32.57	-6.79 -0.27 42.94	-9.78 -0.01 56.98	30.03 -0.13 3.87	-5.17 0.52 64.70	20.11 -0.14 12.00	-1.67 0.06 40.74	19.32 -0.22 0.47
UPPER HUDSON___HYD 24058	23.07 1.10 0.00	20.79 0.89 0.00	19.05 0.78 0.00	19.04 0.80 0.00	20.48 0.95 0.00	22.02 1.11 0.00	44.04 2.27 0.00	30.71 1.68 0.00	30.78 1.67 0.00	34.47 1.82 0.00	29.44 1.55 0.00	31.02 1.58 0.00	25.94 1.36 0.00	23.66 1.24 0.00	25.16 1.33 0.00	42.28 2.34 0.00	34.25 1.78 0.00	41.57 2.36 -2.79	50.29 3.09 0.00	36.41 2.37 0.00	63.11 4.10 0.00	34.28 2.02 0.00	41.14 2.13 0.00	21.16 1.15 0.00
UPPER RAQUET___HYD 24056	21.17 -0.79 0.00	19.24 -0.67 0.00	17.66 -0.61 0.00	17.62 -0.62 0.00	18.88 -0.66 0.00	20.18 -0.72 0.00	40.41 -1.36 0.00	27.95 -1.09 0.00	27.97 -1.14 0.00	31.33 -1.32 0.00	26.80 -1.09 0.00	28.34 -1.10 0.00	23.61 -0.98 0.00	21.47 -0.94 0.00	22.80 -1.04 0.00	38.15 -1.80 0.00	31.16 -1.32 0.00	34.92 -1.53 -0.04	45.27 -1.94 0.00	32.65 -1.39 0.00	55.96 -3.05 0.00	31.01 -1.25 0.00	37.59 -1.42 0.00	19.20 -0.81 0.00
VALLEY44_115KV_TB2 355964	22.19 0.26 0.03	20.25 0.34 0.00	18.48 0.21 0.00	18.40 0.15 0.00	19.82 0.28 0.00	21.41 0.51 0.00	43.21 1.48 0.04	30.47 1.44 0.00	30.61 1.51 0.00	34.06 1.41 0.00	29.04 1.15 0.00	30.23 0.79 0.00	25.10 0.52 0.00	22.86 0.45 0.00	24.49 0.66 0.00	22.83 1.49 18.60	19.80 0.73 13.41	19.49 0.93 17.86	25.91 1.59 22.88	34.53 1.48 0.99	45.86 3.33 16.48	30.65 1.45 3.06	30.70 2.07 10.38	20.84 0.93 0.10
VALLEY___115KV_TB 1-4 80826	22.01 0.05 0.00	20.02 0.11 0.00	18.41 0.14 0.00	18.41 0.16 0.00	19.71 0.17 0.00	20.99 0.09 0.00	41.99 0.22 0.00	29.31 0.27 0.00	29.33 0.23 0.00	32.87 0.23 0.00	28.06 0.18 0.00	29.59 0.15 0.00	24.69 0.11 0.00	22.56 0.15 0.00	23.94 0.11 0.00	40.74 0.21 -0.58	32.97 0.03 -0.46	37.37 0.32 -0.64	48.43 0.42 -0.81	34.49 0.40 -0.06	60.84 0.90 -0.94	32.75 0.33 -0.17	39.75 0.14 -0.59	20.08 0.06 -0.01
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.70 1.74 0.00	21.36 1.46 0.00	19.60 1.33 0.00	19.58 1.34 0.00	21.01 1.47 0.00	22.65 1.75 0.00	45.46 3.68 -0.01	31.66 2.63 0.00	31.78 2.68 0.00	35.66 3.01 0.00	30.41 2.52 0.00	31.95 2.51 0.00	26.67 2.08 0.00	24.33 1.92 0.00	25.83 1.99 0.00	48.26 3.29 -5.03	38.88 2.74 -3.66	45.62 3.14 -6.06	57.55 4.05 -6.30	37.43 2.98 -0.41	71.37 5.46 -6.91	36.33 2.79 -1.28	46.62 3.25 -4.35	21.72 1.64 -0.06
VISCHER___FERRY HYD 24020	22.93 0.97 0.00	20.74 0.84 0.00	19.07 0.79 0.00	19.06 0.81 0.00	20.46 0.92 0.00	21.82 0.91 0.00	43.53 1.76 0.00	30.34 1.30 0.00	30.35 1.25 0.00	34.05 1.40 0.00	29.07 1.19 0.00	30.64 1.21 0.00	25.65 1.06 0.00	23.41 1.00 0.00	24.90 1.07 0.00	41.72 1.78 0.00	33.91 1.43 0.00	40.90 1.75 -2.73	49.45 2.24 0.00	35.78 1.74 0.00	61.99 2.98 0.00	33.76 1.51 0.00	40.56 1.55 0.00	20.91 0.91 0.00
V_A_10_SYNC_DSASP 323832	20.91 -1.01 0.04	19.06 -0.84 0.00	17.40 -0.87 0.00	17.35 -0.89 0.00	18.65 -0.88 0.00	20.13 -0.77 0.00	40.48 -1.23 0.06	28.43 -0.60 0.00	28.52 -0.58 0.00	31.78 -0.86 0.00	27.14 -0.74 0.00	28.36 -1.08 0.00	23.58 -1.01 0.00	21.45 -0.96 0.00	22.90 -0.94 0.00	3.34 -0.71 35.89	6.73 -0.89 24.86	2.23 -0.96 33.23	3.14 -0.87 43.19	30.29 -0.84 2.90	9.87 -0.63 48.51	22.43 -0.82 9.00	7.82 -0.65 30.55	19.04 -0.58 0.39
V_CMM_10_SYNC_DSASP 323787	21.72 -0.24 0.00	19.71 -0.19 0.00	18.09 -0.18 0.00	18.05 -0.19 0.00	19.31 -0.22 0.00	20.64 -0.26 0.00	41.22 -0.55 0.00	28.50 -0.53 0.00	28.58 -0.53 0.00	32.06 -0.58 0.00	27.43 -0.46 0.00	29.04 -0.40 0.00	24.22 -0.36 0.00	22.06 -0.35 0.00	23.47 -0.36 0.00	39.28 -0.66 0.00	32.02 -0.46 0.00	35.77 -0.65 0.00	46.36 -0.84 0.00	33.40 -0.64 0.00	57.52 -1.49 0.00	31.68 -0.58 0.00	38.43 -0.58 0.00	19.69 -0.33 0.00
V_CMP_10_SYNC_DSASP 323788	22.52 0.55 0.00	20.31 0.40 0.00	18.69 0.42 0.00	18.71 0.46 0.00	20.09 0.55 0.00	21.66 0.76 0.00	43.38 1.61 0.00	30.37 1.33 0.00	30.33 1.22 0.00	33.83 1.18 0.00	28.98 1.09 0.00	30.68 1.24 0.00	25.55 0.97 0.00	23.22 0.81 0.00	24.82 0.98 0.00	41.55 1.60 0.00	34.01 1.53 0.00	38.02 1.60 0.00	49.08 1.88 0.00	35.66 1.62 0.00	61.52 2.52 0.00	33.62 1.37 0.00	40.96 1.94 0.00	20.85 0.84 0.00
V_E_10_SYNC_DSASP 323830	24.00 2.04 0.00	21.79 1.88 0.00	19.97 1.70 0.00	19.98 1.73 0.00	21.47 1.94 0.00	23.07 2.16 0.00	46.81 4.89 -0.15	32.64 3.60 0.00	32.70 3.60 0.00	36.48 3.83 0.00	30.89 3.00 0.00	32.26 2.83 0.00	26.75 2.17 0.00	24.35 1.94 0.00	25.94 2.11 0.00	56.06 3.29 -12.82	44.05 2.84 -8.74	52.00 3.38 -12.20	67.49 4.80 -15.48	38.76 3.68 -1.05	83.50 7.00 -17.49	39.05 3.55 -3.25	54.18 4.15 -11.01	22.12 1.98 -0.14
V_F_30_NSYNC___DSASP 323816	23.19 1.23 0.00	20.96 1.05 0.00	19.23 0.96 0.00	19.22 0.97 0.00	20.64 1.11 0.00	22.11 1.20 0.00	44.19 2.43 0.00	30.82 1.79 0.00	30.87 1.76 0.00	34.58 1.93 0.00	29.51 1.62 0.00	31.09 1.65 0.00	26.02 1.44 0.00	23.75 1.33 0.00	25.23 1.39 0.00	42.33 2.39 0.00	34.37 1.89 0.00	41.57 2.36 -2.78	50.30 3.10 0.00	36.39 2.35 0.00	63.14 4.14 0.00	34.36 2.10 0.00	41.25 2.24 0.00	21.22 1.21 0.00
V_F_30_SYNC_DSASP 323786	22.57 0.61 0.00	20.41 0.50 0.00	18.82 0.55 0.00	18.80 0.55 0.00	20.13 0.59 0.00	21.49 0.58 0.00	42.90 1.13 0.00	29.91 0.88 0.00	29.94 0.84 0.00	33.62 0.98 0.00	28.71 0.82 0.00	30.27 0.83 0.00	25.32 0.73 0.00	23.11 0.70 0.00	24.58 0.74 0.00	42.86 1.23 -1.68	34.71 1.03 -1.21	42.05 1.27 -4.37	50.83 1.58 -2.05	35.44 1.27 -0.13	63.40 2.16 -2.23	33.66 1.00 -0.41	41.35 0.93 -1.41	20.60 0.57 -0.02
V_XM_10_SYNC_DSASP 323789	22.52 0.55 0.00	20.31 0.40 0.00	18.69 0.42 0.00	18.71 0.46 0.00	20.09 0.55 0.00	21.66 0.76 0.00	43.38 1.61 0.00	30.37 1.33 0.00	30.33 1.22 0.00	33.83 1.18 0.00	28.98 1.09 0.00	30.68 1.24 0.00	25.55 0.97 0.00	23.22 0.81 0.00	24.82 0.98 0.00	41.55 1.60 0.00	34.01 1.53 0.00	38.02 1.60 0.00	49.08 1.88 0.00	35.66 1.62 0.00	61.52 2.52 0.00	33.62 1.37 0.00	40.96 1.94 0.00	20.85 0.84 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.77 1.80 0.00	21.52 1.62 0.00	19.79 1.52 0.00	19.75 1.50 0.00	21.13 1.59 0.00	22.60 1.70 0.00	45.19 3.42 0.00	31.62 2.58 0.00	31.74 2.64 0.00	35.62 2.98 0.00	30.36 2.48 0.00	32.01 2.58 0.00	26.82 2.24 0.00	24.43 2.02 0.00	25.98 2.15 0.00	45.58 3.42 -2.23	36.86 2.78 -1.60	44.04 3.22 -4.40	53.94 4.03 -2.71	37.25 3.03 -0.18	67.37 5.42 -2.94	35.70 2.90 -0.55	44.05 3.18 -1.85	21.70 1.66 -0.03

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.86 1.90 0.00	21.61 1.70 0.00	19.88 1.61 0.00	19.84 1.60 0.00	21.21 1.67 0.00	22.69 1.79 0.00	45.32 3.55 0.00	31.77 2.74 0.00	31.94 2.83 0.00	35.82 3.17 0.00	30.55 2.66 0.00	32.23 2.79 0.00	27.02 2.44 0.00	24.57 2.16 0.00	26.13 2.30 0.00	45.72 3.61 -2.17	36.96 2.93 -1.56	44.22 3.42 -4.39	54.08 4.24 -2.64	37.38 3.17 -0.17	67.47 5.59 -2.87	35.77 2.98 -0.53	44.11 3.29 -1.81	21.79 1.76 -0.03
W50THST__13_KV_LOAD 356117	23.97 2.01 0.00	21.71 1.81 0.00	19.98 1.71 0.00	19.94 1.69 0.00	21.32 1.79 0.00	22.81 1.91 0.00	45.59 3.81 0.00	31.96 2.93 0.00	32.15 3.05 0.00	36.05 3.40 0.00	30.75 2.86 0.00	32.45 3.01 0.00	27.18 2.60 0.00	24.70 2.29 0.00	26.28 2.44 0.00	45.96 3.85 -2.17	37.16 3.12 -1.56	44.44 3.64 -4.39	54.35 4.51 -2.64	37.55 3.34 -0.17	67.76 5.88 -2.87	35.90 3.11 -0.53	44.26 3.44 -1.81	21.86 1.83 -0.03
WADING RIVER_IC_1 23522	24.06 2.09 0.00	21.98 2.08 0.00	20.12 1.85 0.00	20.06 1.82 0.00	21.52 1.98 0.00	23.05 2.15 0.00	45.63 3.86 0.00	32.13 3.10 0.00	59.56 3.31 -27.15	35.61 2.97 0.00	32.30 2.58 -1.83	37.58 2.71 -5.44	26.92 2.25 -0.08	24.18 1.77 0.00	25.84 2.01 0.00	43.83 3.39 -0.50	35.10 2.62 0.00	41.68 3.01 -2.26	51.01 3.81 0.00	37.23 3.19 0.00	65.30 5.49 -0.80	35.22 2.97 0.00	42.35 3.34 0.00	21.82 1.81 0.00
WADING RIVER_IC_2 23547	24.06 2.09 0.00	21.98 2.08 0.00	20.12 1.85 0.00	20.06 1.82 0.00	21.52 1.98 0.00	23.05 2.15 0.00	45.63 3.86 0.00	32.13 3.10 0.00	59.56 3.31 -27.15	35.61 2.97 0.00	32.30 2.58 -1.83	37.58 2.71 -5.44	26.92 2.25 -0.08	24.18 1.77 0.00	25.84 2.01 0.00	43.83 3.39 -0.50	35.10 2.62 0.00	41.68 3.01 -2.26	51.01 3.81 0.00	37.23 3.19 0.00	65.30 5.49 -0.80	35.22 2.97 0.00	42.35 3.34 0.00	21.82 1.81 0.00
WADING RIVER_IC_3 23601	24.06 2.09 0.00	21.98 2.08 0.00	20.12 1.85 0.00	20.06 1.82 0.00	21.52 1.98 0.00	23.05 2.15 0.00	45.63 3.86 0.00	32.13 3.10 0.00	59.56 3.31 -27.15	35.61 2.97 0.00	32.30 2.58 -1.83	37.58 2.71 -5.44	26.92 2.25 -0.08	24.18 1.77 0.00	25.84 2.01 0.00	43.83 3.39 -0.50	35.10 2.62 0.00	41.68 3.01 -2.26	51.01 3.81 0.00	37.23 3.19 0.00	65.30 5.49 -0.80	35.22 2.97 0.00	42.35 3.34 0.00	21.82 1.81 0.00
WALDENNY_12_KV_BK2 80841	21.48 -0.45 0.04	19.59 -0.31 0.00	17.87 -0.40 0.00	17.81 -0.44 0.00	19.17 -0.37 0.00	20.70 -0.21 0.00	41.66 -0.01 0.09	29.35 0.31 0.00	29.48 0.37 0.00	32.83 0.18 0.00	28.02 0.13 0.00	29.22 -0.21 0.00	24.28 -0.31 0.00	22.10 -0.31 0.00	23.62 -0.21 0.00	14.55 0.53 25.92	14.51 0.04 18.01	12.33 0.08 24.16	16.53 0.45 31.12	32.09 -0.03 1.92	27.77 0.81 32.05	26.28 -0.03 5.94	19.12 0.29 20.18	19.56 -0.11 0.34
WALDEN__HYDRO 24148	23.86 1.90 0.00	21.61 1.70 0.00	19.86 1.59 0.00	19.82 1.57 0.00	21.21 1.67 0.00	22.71 1.81 0.00	45.44 3.67 0.00	31.81 2.78 0.00	31.93 2.82 0.00	35.81 3.16 0.00	30.54 2.65 0.00	32.15 2.72 0.00	26.87 2.29 0.00	24.40 1.99 0.00	25.94 2.10 0.00	43.33 3.38 0.00	35.29 2.81 0.00	41.96 3.32 -2.22	51.48 4.27 0.00	37.33 3.30 0.00	64.98 5.98 0.00	35.48 3.22 0.00	42.58 3.56 0.00	21.85 1.84 0.00
WARRENSBURG____ 23737	23.07 1.10 0.00	20.79 0.89 0.00	19.05 0.78 0.00	19.04 0.80 0.00	20.48 0.95 0.00	22.02 1.11 0.00	44.04 2.27 0.00	30.71 1.68 0.00	30.78 1.67 0.00	34.47 1.82 0.00	29.44 1.55 0.00	31.02 1.58 0.00	25.94 1.36 0.00	23.66 1.24 0.00	25.16 1.33 0.00	42.28 2.34 0.00	34.25 1.78 0.00	41.57 2.36 -2.79	50.29 3.09 0.00	36.41 2.37 0.00	63.11 4.10 0.00	34.28 2.02 0.00	41.14 2.13 0.00	21.16 1.15 0.00
WATERSIDE____6 8 9 23538	23.84 1.88 0.00	21.60 1.70 0.00	19.89 1.62 0.00	19.85 1.60 0.00	21.21 1.67 0.00	22.66 1.76 0.00	45.27 3.50 0.00	31.75 2.72 0.00	31.91 2.81 0.00	35.75 3.11 0.00	30.50 2.61 0.00	32.19 2.75 0.00	26.98 2.40 0.00	24.57 2.16 0.00	26.13 2.30 0.00	45.70 3.59 -2.17	36.93 2.89 -1.56	44.17 3.36 -4.39	54.00 4.16 -2.64	37.33 3.13 -0.17	67.39 5.51 -2.87	35.74 2.96 -0.53	44.08 3.27 -1.81	21.78 1.74 -0.03
WATKINRD_115KV_LN8_ILLION 55919	22.07 0.11 0.00	20.04 0.13 0.00	18.41 0.14 0.00	18.41 0.16 0.00	19.71 0.17 0.00	21.04 0.13 0.00	42.07 0.30 0.00	29.33 0.30 0.00	29.37 0.26 0.00	32.92 0.27 0.00	28.11 0.22 0.00	29.64 0.20 0.00	24.74 0.16 0.00	22.58 0.17 0.00	23.97 0.14 0.00	40.78 0.26 -0.58	33.04 0.11 -0.46	37.41 0.35 -0.64	48.48 0.46 -0.81	34.50 0.41 -0.06	60.82 0.87 -0.94	32.78 0.35 -0.17	39.85 0.24 -0.59	20.14 0.13 -0.01
WATSON____69_KV_BK 1 55734	24.50 2.54 0.00	22.26 2.36 0.00	20.37 2.10 0.00	20.32 2.08 0.00	21.80 2.26 0.00	23.39 2.49 0.00	46.40 4.63 0.00	32.63 3.59 0.00	60.12 3.87 -27.15	36.56 3.92 0.00	33.12 3.40 -1.83	38.46 3.58 -5.44	27.67 3.00 -0.08	24.92 2.51 0.00	26.62 2.78 0.00	47.31 4.70 -2.67	37.67 3.63 -1.56	44.99 4.19 -4.39	55.15 5.31 -2.64	38.45 4.23 -0.18	69.97 7.29 -3.67	36.69 3.90 -0.53	45.32 4.50 -1.81	22.38 2.35 -0.03
WDELAWARE__HYD 323627	24.60 2.64 0.00	22.46 2.56 0.00	20.49 2.22 0.00	20.45 2.20 0.00	21.88 2.34 0.00	23.31 2.41 0.00	46.70 4.93 0.00	32.69 3.65 0.00	32.80 3.69 0.00	36.80 4.16 0.00	31.50 3.61 0.00	33.17 3.73 0.00	27.64 3.06 0.00	25.16 2.75 0.00	26.60 2.77 0.00	44.40 4.46 0.00	36.19 3.71 0.00	42.98 4.43 -2.14	52.95 5.74 0.00	38.34 4.31 0.00	66.74 7.73 0.00	36.39 4.14 0.00	43.68 4.66 0.00	22.40 2.39 0.00
WEST BABYLON__IC 23714	24.42 2.46 0.00	22.18 2.28 0.00	20.31 2.04 0.00	20.26 2.01 0.00	21.73 2.19 0.00	23.30 2.40 0.00	46.28 4.51 0.00	32.54 3.51 0.00	60.02 3.77 -27.15	36.51 3.86 0.00	33.08 3.36 -1.83	38.40 3.53 -5.44	27.64 2.97 -0.08	24.91 2.50 0.00	26.58 2.75 0.00	47.23 4.62 -2.67	37.60 3.57 -1.56	44.93 4.13 -4.39	55.04 5.20 -2.64	38.34 4.13 -0.18	69.83 7.15 -3.67	36.63 3.84 -0.53	45.24 4.42 -1.81	22.33 2.29 -0.03
WEST CANADA__HYD 24049	22.05 0.09 0.00	19.98 0.08 0.00	18.34 0.07 0.00	18.33 0.08 0.00	19.63 0.09 0.00	21.00 0.09 0.00	41.97 0.20 0.00	29.21 0.17 0.00	29.27 0.16 0.00	32.81 0.17 0.00	28.03 0.14 0.00	29.56 0.12 0.00	24.69 0.11 0.00	22.52 0.11 0.00	23.94 0.10 0.00	40.10 0.16 0.00	32.61 0.14 0.00	36.65 0.19 -0.04	47.44 0.24 0.00	34.24 0.21 0.00	59.42 0.42 0.00	32.44 0.18 0.00	39.18 0.16 0.00	20.11 0.10 0.00
WESTERN_NY_WIND 24143	21.70 -0.22 0.05	19.77 -0.12 0.01	18.03 -0.21 0.02	18.00 -0.24 0.01	19.32 -0.17 0.05	20.74 0.05 0.22	41.85 0.60 0.52	29.63 0.71 0.12	29.79 0.78 0.09	33.11 0.56 0.09	28.23 0.41 0.07	29.49 0.05 0.00	24.51 -0.08 0.00	22.26 -0.15 0.00	23.76 -0.08 0.00	2.26 0.78 38.47	6.70 0.46 26.24	3.00 0.59 34.00	1.83 1.09 46.47	31.37 0.44 3.11	8.93 1.81 51.89	23.13 0.50 9.63	7.18 0.84 32.67	19.72 0.12 0.42

WESTOVER___LESR 323668	22.63 0.67 0.00	20.50 0.60 0.00	18.80 0.53 0.00	18.79 0.54 0.00	20.13 0.59 0.00	21.60 0.70 0.00	43.27 1.48 -0.02	30.23 1.19 0.00	30.33 1.22 0.00	33.96 1.32 0.00	28.98 1.10 0.00	30.45 1.02 0.00	25.42 0.84 0.00	23.19 0.78 0.00	24.70 0.87 0.00	49.86 1.64 -8.27	39.64 1.12 -6.04	47.03 1.36 -9.25	59.29 1.70 -10.39	36.02 1.32 -0.67	72.81 2.59 -11.21	35.58 1.24 -2.08	47.59 1.52 -7.06	20.83 0.72 -0.10
WETHRSFD_WT_PWR 323626	21.74 -0.20 0.02	19.79 -0.12 0.00	18.06 -0.21 0.00	18.00 -0.25 0.00	19.35 -0.19 0.00	20.87 -0.04 0.00	40.01 0.21 1.97	29.54 0.51 0.00	29.68 0.58 0.00	33.04 0.40 0.00	28.18 0.29 0.00	29.43 -0.01 0.00	24.46 -0.12 0.00	22.29 -0.12 0.00	23.82 -0.01 0.00	31.39 0.77 9.32	26.36 0.23 6.35	28.93 0.35 7.84	36.69 0.73 11.24	33.73 0.35 0.65	49.48 1.34 10.86	30.57 0.33 2.02	32.84 0.67 6.84	20.42 0.15 -0.26
WHAVSTOR_138KV_BK127 55557	23.68 1.72 0.00	21.46 1.55 0.00	19.72 1.45 0.00	19.69 1.44 0.00	21.06 1.52 0.00	22.52 1.61 0.00	45.00 3.23 0.00	31.48 2.45 0.00	31.61 2.50 0.00	35.46 2.81 0.00	30.23 2.34 0.00	31.87 2.44 0.00	26.71 2.13 0.00	24.33 1.92 0.00	25.87 2.04 0.00	45.39 3.22 -2.22	36.70 2.62 -1.60	43.86 3.04 -4.40	53.71 3.80 -2.70	37.07 2.86 -0.18	67.07 5.12 -2.94	35.55 2.75 -0.55	43.87 3.00 -1.85	21.62 1.58 -0.03
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.68 1.72 0.00	21.46 1.55 0.00	19.72 1.45 0.00	19.69 1.44 0.00	21.06 1.52 0.00	22.52 1.61 0.00	45.00 3.23 0.00	31.48 2.45 0.00	31.61 2.50 0.00	35.46 2.81 0.00	30.23 2.34 0.00	31.87 2.44 0.00	26.71 2.13 0.00	24.33 1.92 0.00	25.87 2.04 0.00	45.39 3.22 -2.22	36.70 2.62 -1.60	43.86 3.04 -4.40	53.71 3.80 -2.70	37.07 2.86 -0.18	67.07 5.12 -2.94	35.55 2.75 -0.55	43.87 3.00 -1.85	21.62 1.58 -0.03
WHITEHAL_115KV_TB1 80871	23.51 1.55 0.00	21.07 1.17 0.00	19.25 0.98 0.00	19.29 1.05 0.00	20.84 1.31 0.00	22.58 1.68 0.00	44.98 3.21 0.00	31.25 2.22 0.00	31.42 2.31 0.00	35.25 2.60 0.00	30.28 2.39 0.00	32.07 2.63 0.00	26.73 2.14 0.00	24.29 1.88 0.00	25.89 2.05 0.00	45.29 3.69 -1.66	36.17 2.50 -1.20	44.43 3.59 -4.42	53.83 4.60 -2.03	37.66 3.49 -0.13	67.00 5.79 -2.21	35.37 2.71 -0.41	43.57 3.17 -1.39	21.86 1.83 -0.02
WHITEPLN_13_KV_LOAD 356215	23.84 1.87 0.00	21.65 1.75 0.00	19.90 1.63 0.00	19.87 1.62 0.00	21.25 1.71 0.00	22.67 1.77 0.00	45.32 3.55 0.00	31.74 2.71 0.00	31.89 2.78 0.00	35.76 3.11 0.00	30.51 2.62 0.00	32.17 2.73 0.00	26.96 2.37 0.00	24.54 2.13 0.00	26.11 2.27 0.00	45.73 3.62 -2.17	36.95 2.91 -1.56	44.21 3.41 -4.39	54.10 4.26 -2.64	37.40 3.19 -0.17	67.56 5.67 -2.87	35.80 3.02 -0.53	44.14 3.32 -1.81	21.79 1.76 -0.03
WM_FLOYD_69_KV_BK2 356380	24.23 2.26 0.00	22.09 2.19 0.00	20.22 1.95 0.00	20.16 1.91 0.00	21.63 2.09 0.00	23.18 2.27 0.00	45.91 4.14 0.00	32.28 3.25 0.00	59.72 3.47 -27.15	35.93 3.29 0.00	32.56 2.84 -1.83	37.88 3.00 -5.44	27.16 2.50 -0.08	24.41 2.00 0.00	26.10 2.26 0.00	46.48 3.87 -2.67	37.02 2.98 -1.56	44.20 3.40 -4.39	54.17 4.33 -2.64	37.77 3.56 -0.18	68.79 6.11 -3.67	36.09 3.31 -0.53	44.58 3.76 -1.81	22.06 2.03 -0.03
WOODARD__115KV_TB2 355635	21.84 -0.12 0.00	19.81 -0.10 0.00	18.17 -0.10 0.00	18.15 -0.10 0.00	19.44 -0.10 0.00	20.83 -0.07 0.00	41.71 -0.06 0.00	29.08 0.05 0.00	29.16 0.05 0.00	32.68 0.04 0.00	27.89 0.00 0.00	29.37 -0.06 0.00	24.52 -0.07 0.00	22.36 -0.05 0.00	23.79 -0.05 0.00	47.51 -0.04 -7.60	37.51 -0.08 -5.11	43.28 -0.03 -6.89	56.31 -0.02 -9.13	34.70 0.02 -0.64	69.89 0.21 -10.67	34.23 -0.01 -1.98	45.68 -0.06 -6.72	20.01 -0.06 -0.07
YORK___WARBASSE 23770	23.91 1.95 0.00	21.68 1.77 0.00	19.94 1.68 0.00	19.90 1.66 0.00	21.26 1.72 0.00	22.73 1.82 0.00	45.43 3.66 0.00	31.85 2.82 0.00	32.01 2.91 0.00	35.88 3.23 0.00	30.62 2.73 0.00	32.31 2.87 0.00	27.10 2.52 0.00	24.65 2.24 0.00	26.21 2.37 0.00	45.83 3.71 -2.17	37.06 3.02 -1.56	44.30 3.50 -4.39	54.14 4.30 -2.64	37.45 3.25 -0.17	67.58 5.70 -2.87	35.90 3.11 -0.53	44.25 3.43 -1.81	21.88 1.84 -0.03