

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/13/2023

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	28.50	27.05	24.54	23.29	21.37	22.16	25.57	27.01	29.31	29.13	34.01	36.69	38.87	46.46	54.01	53.48	58.65	64.45	49.71	48.68	44.48	48.13	38.55	35.59
24138	2.05	1.95	1.81	1.66	1.54	1.54	1.85	1.85	2.03	2.52	3.18	3.50	3.74	4.37	5.14	5.16	4.83	3.14	4.23	4.32	3.62	2.73	2.48	2.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.62	-4.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.80	-33.36	-6.12	0.00	-0.85	-12.50	-6.28	-1.43
74TH STREET_GT_1	28.58	27.13	24.60	23.33	21.42	22.20	25.61	27.02	29.34	29.17	34.04	36.74	38.91	46.48	54.07	53.58	58.74	64.51	49.81	48.83	44.64	48.25	38.66	35.71
24260	2.12	2.03	1.86	1.72	1.59	1.58	1.88	1.87	2.06	2.56	3.21	3.55	3.77	4.38	5.20	5.26	4.91	3.19	4.33	4.46	3.78	2.85	2.59	2.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.62	-4.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.80	-33.36	-6.12	0.00	-0.85	-12.49	-6.28	-1.43
74TH STREET_GT_2	28.58	27.13	24.60	23.33	21.42	22.20	25.61	27.02	29.34	29.17	34.04	36.74	38.91	46.48	54.07	53.58	58.74	64.51	49.81	48.83	44.64	48.25	38.66	35.71
24261	2.12	2.03	1.86	1.72	1.59	1.58	1.88	1.87	2.06	2.56	3.21	3.55	3.77	4.38	5.20	5.26	4.91	3.19	4.33	4.46	3.78	2.85	2.59	2.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.62	-4.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.80	-33.36	-6.12	0.00	-0.85	-12.49	-6.28	-1.43
ADK HUDSON___FALLS	28.28	26.96	24.51	23.28	21.36	22.22	25.68	24.12	25.99	28.83	33.30	35.99	38.27	45.94	53.32	53.13	82.18	137.36	63.16	48.82	44.06	38.64	33.60	34.15
24011	1.83	1.86	1.76	1.65	1.53	1.60	1.96	1.78	1.90	2.22	2.47	2.80	3.13	3.84	4.45	4.81	4.72	3.08	4.31	4.46	3.85	2.71	2.30	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.80	-0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-34.42	-106.33	-19.50	0.00	-0.20	-3.02	-1.52	-0.34
ADK RESOURCE___RCVRY	28.50	27.17	24.72	23.47	21.54	22.41	25.92	24.32	26.23	29.06	33.52	36.31	38.61	46.33	53.75	53.74	82.84	137.77	63.73	49.36	44.53	38.97	33.93	34.48
23798	2.04	2.08	1.98	1.85	1.71	1.79	2.20	1.99	2.14	2.44	2.69	3.13	3.47	4.23	4.89	5.42	5.39	3.48	4.88	5.00	4.32	3.05	2.63	2.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.80	-0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-34.42	-106.33	-19.50	0.00	-0.20	-3.01	-1.51	-0.34
ADK S GLENS___FALLS	28.28	26.96	24.51	23.28	21.36	22.22	25.68	24.12	25.99	28.83	33.30	35.99	38.27	45.94	53.32	53.13	82.18	137.36	63.16	48.82	44.06	38.64	33.60	34.15
24028	1.83	1.86	1.76	1.65	1.53	1.60	1.96	1.78	1.90	2.22	2.47	2.80	3.13	3.84	4.45	4.81	4.72	3.08	4.31	4.46	3.85	2.71	2.30	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.80	-0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-34.42	-106.33	-19.50	0.00	-0.20	-3.02	-1.52	-0.34
ADK_NYS___DAM	27.62	26.37	24.04	22.90	21.00	21.80	25.10	23.60	25.37	27.95	32.27	34.93	37.04	44.41	51.28	50.62	72.96	114.88	57.04	46.68	42.13	37.83	32.75	33.21
23527	1.17	1.28	1.31	1.28	1.17	1.18	1.38	1.14	1.14	1.33	1.44	1.74	1.90	2.32	2.41	2.29	2.26	1.44	2.01	2.31	1.88	1.46	1.23	1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.92	-1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-27.67	-85.49	-15.68	0.00	-0.23	-3.46	-1.74	-0.40
AIR_PRODUCTS___DRP	26.84	25.54	23.25	22.13	20.31	21.08	24.20	22.78	24.55	27.19	31.50	33.88	35.89	43.04	49.91	49.38	67.37	100.39	53.47	45.37	40.90	36.43	31.69	32.27
24190	0.39	0.44	0.51	0.51	0.49	0.46	0.48	0.41	0.41	0.58	0.67	0.69	0.75	0.95	1.05	1.05	1.12	0.72	0.97	1.00	0.68	0.41	0.34	0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	-0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.21	-71.71	-13.15	0.00	-0.21	-3.12	-1.57	-0.36
AKWESSNE_115KV_BK	26.28	24.85	22.50	21.38	19.60	20.40	23.47	21.25	22.91	26.27	29.37	21.16	24.72	28.17	42.67	32.44	29.30	19.09	28.88	39.12	39.42	32.59	29.51	31.18
355683	-0.17	-0.24	-0.24	-0.24	-0.23	-0.22	-0.25	-0.29	-0.28	-0.35	-0.54	-0.57	-0.60	-0.70	-0.94	-0.95	-0.89	-0.61	-0.72	-0.75	-0.59	-0.32	-0.28	-0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	11.46	9.81	13.23	5.25	14.93	12.84	8.26	9.76	4.49	0.00	0.00	0.00	0.00
ALBANY___1	26.84	25.54	23.25	22.13	20.31	21.08	24.20	22.78	24.55	27.19	31.50	33.88	35.89	43.04	49.91	49.38	67.37	100.39	53.47	45.37	40.90	36.43	31.69	32.27
23571	0.39	0.44	0.51	0.51	0.49	0.46	0.48	0.41	0.41	0.58	0.67	0.69	0.75	0.95	1.05	1.05	1.12	0.72	0.97	1.00	0.68	0.41	0.34	0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	-0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.21	-71.71	-13.15	0.00	-0.21	-3.12	-1.57	-0.36
ALBANY___2	26.84	25.54	23.25	22.13	20.31	21.08	24.20	22.78	24.55	27.19	31.50	33.88	35.89	43.04	49.91	49.38	67.37	100.39	53.47	45.37	40.90	36.43	31.69	32.27
23572	0.39	0.44	0.51	0.51	0.49	0.46	0.48	0.41	0.41	0.58	0.67	0.69	0.75	0.95	1.05	1.05	1.12	0.72	0.97	1.00	0.68	0.41	0.34	0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	-0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.21	-71.71	-13.15	0.00	-0.21	-3.12	-1.57	-0.36
ALBANY___3	26.84	25.54	23.25	22.13	20.31	21.08	24.20	22.78	24.55	27.19	31.50	33.88	35.89	43.04	49.91	49.38	67.37	100.39	53.47	45.37	40.90	36.43	31.69	32.27
23573	0.39	0.44	0.51	0.51	0.49	0.46	0.48	0.41	0.41	0.58	0.67	0.69	0.75	0.95	1.05	1.05	1.12	0.72	0.97	1.00	0.68	0.41	0.34	0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	-0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.21	-71.71	-13.15	0.00	-0.21	-3.12	-1.57	-0.36

ALBANY___4 23574	26.84 0.39 0.00	25.54 0.44 0.00	23.25 0.51 0.00	22.13 0.51 0.00	20.31 0.49 0.00	21.08 0.46 0.00	24.20 0.48 0.00	22.78 0.41 -0.84	24.55 0.41 -0.95	27.19 0.58 0.00	31.50 0.67 0.00	33.88 0.69 0.00	35.89 0.75 0.00	43.04 0.95 0.00	49.91 1.05 0.00	49.38 1.05 0.00	67.37 1.12 -23.21	100.39 0.72 -71.71	53.47 0.97 -13.15	45.37 1.00 0.00	40.90 0.68 -0.21	36.43 0.41 -3.12	31.69 0.34 -1.57	32.27 0.41 -0.36
ALBANY___LFGE 323615	27.14 0.69 0.00	25.81 0.72 0.00	23.50 0.76 0.00	22.37 0.75 0.00	20.52 0.69 0.00	21.30 0.68 0.00	24.42 0.70 0.00	22.96 0.58 -0.84	24.76 0.62 -0.96	27.44 0.83 0.00	31.78 0.95 0.00	34.20 1.01 0.00	36.27 1.13 0.00	43.60 1.50 0.00	50.67 1.81 0.00	50.12 1.79 0.00	71.41 1.80 -26.57	111.22 1.16 -82.10	55.97 1.56 -15.06	45.99 1.62 0.00	41.44 1.22 -0.21	36.86 0.84 -3.11	32.05 0.70 -1.56	32.63 0.76 -0.35
ALCOA_PA_115KV_PL-6C 55860	26.39 -0.07 0.00	24.94 -0.15 0.00	22.57 -0.16 0.00	21.45 -0.16 0.00	19.67 -0.16 0.00	20.47 -0.15 0.00	23.54 -0.18 0.00	21.30 -0.23 0.00	22.96 -0.22 0.00	26.32 -0.29 0.00	29.27 -0.51 1.05	19.70 -0.54 12.95	23.50 -0.55 11.09	26.51 -0.62 14.96	42.56 -0.83 5.47	31.72 -0.85 15.75	27.58 -0.84 14.62	18.05 -0.57 9.33	27.65 -0.68 11.03	38.59 -0.69 5.08	39.51 -0.50 0.00	32.70 -0.21 0.00	29.60 -0.18 0.00	31.28 -0.23 0.00
ALCOA_RYNLDS___DRP 24188	26.39 -0.07 0.00	24.94 -0.15 0.00	22.57 -0.16 0.00	21.45 -0.16 0.00	19.67 -0.16 0.00	20.47 -0.15 0.00	23.54 -0.18 0.00	21.30 -0.23 0.00	22.96 -0.22 0.00	26.32 -0.29 0.00	29.27 -0.51 1.05	19.70 -0.54 12.95	23.50 -0.55 11.09	26.51 -0.62 14.96	42.56 -0.83 5.47	31.72 -0.85 15.75	27.58 -0.84 14.62	18.05 -0.57 9.33	27.65 -0.68 11.03	38.59 -0.69 5.08	39.51 -0.50 0.00	32.70 -0.21 0.00	29.60 -0.18 0.00	31.28 -0.23 0.00
ALCOA___DSASP 323711	26.39 -0.07 0.00	24.94 -0.15 0.00	22.58 -0.17 0.00	21.45 -0.17 0.00	19.67 -0.16 0.00	20.46 -0.16 0.00	23.54 -0.18 0.00	21.30 -0.23 0.00	22.96 -0.22 0.00	26.32 -0.29 0.00	29.27 -0.51 1.05	19.70 -0.54 12.95	23.50 -0.56 11.09	26.51 -0.62 14.96	42.56 -0.83 5.47	31.72 -0.85 15.75	27.58 -0.84 14.62	18.05 -0.58 9.33	27.65 -0.68 11.03	38.59 -0.70 5.08	39.51 -0.50 0.00	32.70 -0.21 0.00	29.60 -0.18 0.00	31.28 -0.23 0.00
ALLEGHENY___COGEN 23514	27.91 1.45 0.00	26.38 1.29 0.00	23.43 0.69 0.00	22.13 0.51 0.00	20.13 0.30 0.00	21.17 0.55 0.00	25.22 0.80 -0.70	22.00 0.46 0.00	23.22 0.03 0.00	26.58 -0.03 0.00	30.59 -0.24 0.00	37.25 -0.87 -4.93	77.88 -1.07 -43.82	68.65 -1.88 -28.43	69.71 -2.18 -23.02	66.29 -2.06 -20.02	47.72 -1.50 -6.19	32.82 -0.65 -5.51	39.56 -0.81 -1.01	43.83 -0.54 0.00	40.64 0.63 0.00	33.83 0.92 0.00	30.65 0.86 0.00	33.13 1.62 0.00
ALTAMONT_115KV_TB 2 55880	27.22 0.76 0.00	25.89 0.79 0.00	23.56 0.82 0.00	22.41 0.79 0.00	20.55 0.72 0.00	21.33 0.72 0.00	24.52 0.80 0.00	23.06 0.71 -0.81	24.85 0.74 -0.92	27.55 0.93 0.00	31.94 1.11 0.00	34.35 1.16 0.00	36.42 1.28 0.00	43.64 1.55 0.00	50.60 1.73 0.00	50.06 1.74 0.00	65.58 1.70 -20.84	93.46 1.12 -64.39	52.69 1.52 -11.81	45.99 1.63 0.00	41.50 1.29 -0.21	36.86 0.91 -3.04	32.11 0.79 -1.53	32.73 0.88 -0.35
ALTONA_WT_PWR 323606	27.43 0.98 0.00	25.84 0.74 0.00	23.29 0.55 0.00	22.06 0.45 0.00	20.19 0.36 0.00	20.98 0.36 0.00	24.17 0.45 0.00	21.87 0.34 0.00	23.54 0.35 0.00	27.01 0.39 0.00	29.40 -0.46 0.97	20.83 -0.34 12.02	24.16 -0.69 10.29	26.75 -1.47 13.88	28.93 -2.56 17.37	1.36 -2.21 44.75	28.29 -1.25 13.50	7.48 -1.15 19.33	28.57 -0.55 10.23	38.41 -1.25 4.71	39.15 -0.86 0.00	33.03 0.12 0.00	29.99 0.21 0.00	31.89 0.38 0.00
AMERICAN_REF_FUEL 24010	26.18 -0.28 0.00	24.65 -0.45 0.00	21.73 -1.01 0.00	20.63 -0.99 0.00	18.78 -1.05 0.00	19.81 -0.81 0.00	22.70 -0.86 0.16	20.60 -0.93 0.00	22.51 -0.67 0.00	25.73 -0.88 0.00	29.68 -1.15 0.00	30.31 -1.74 1.13	23.37 -1.77 10.01	32.91 -2.64 6.55	40.51 -3.03 5.33	40.58 -3.12 4.63	40.60 -2.99 -0.55	31.05 -1.78 -4.87	37.57 -2.69 -0.89	41.07 -3.30 0.00	37.59 -2.42 0.00	31.38 -1.53 0.00	28.70 -1.09 0.00	30.79 -0.72 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.17 0.72 0.00	25.55 0.45 0.00	21.97 -0.78 0.00	20.62 -1.00 0.00	18.73 -1.10 0.00	19.69 -0.93 0.00	22.72 -0.83 0.17	20.91 -0.62 0.00	22.84 -0.34 0.00	26.24 -0.37 0.00	30.40 -0.43 0.00	30.99 -0.98 1.21	23.39 -1.00 10.74	33.89 -1.18 7.02	41.88 -1.28 5.70	42.10 -1.27 4.96	42.79 -0.96 -0.71	33.32 -0.22 -5.58	40.20 -0.18 -1.02	43.81 -0.56 0.00	40.30 0.29 0.00	33.40 0.49 0.00	30.39 0.60 0.00	32.47 0.97 0.00
ARTHUR_KILL_GT_1 23520	28.32 1.87 0.00	26.83 1.74 0.00	24.34 1.60 0.00	23.08 1.46 0.00	21.17 1.35 0.00	21.95 1.33 0.00	25.31 1.59 0.00	26.60 1.58 -3.49	27.55 1.74 -2.63	58.88 2.15 -30.12	33.97 2.78 -0.35	34.71 3.04 1.52	35.92 3.23 2.45	35.49 3.72 10.32	48.70 4.40 4.57	52.76 4.43 0.00	58.01 4.18 -10.79	64.02 2.71 -33.36	49.12 3.65 -6.11	48.14 3.78 0.01	42.03 3.22 1.20	38.95 2.41 -3.62	36.28 2.25 -4.24	35.33 2.43 -1.40
ARTHUR_KILL_2 23512	28.22 1.77 0.00	26.75 1.65 0.00	24.27 1.53 0.00	23.01 1.39 0.00	21.11 1.28 0.00	21.88 1.26 0.00	25.22 1.50 0.00	26.53 1.51 -3.49	27.47 1.66 -2.63	58.78 2.04 -30.12	33.85 2.66 -0.35	34.57 2.89 1.52	35.76 3.07 2.45	35.29 3.52 10.32	48.45 4.16 4.57	52.51 4.18 0.00	57.78 3.96 -10.79	63.88 2.57 -33.36	48.91 3.44 -6.11	47.91 3.55 0.01	41.82 3.01 1.20	38.78 2.25 -3.62	36.13 2.11 -4.24	35.20 2.30 -1.40
ARTHUR_KILL_3 23513	28.20 1.75 0.00	26.76 1.67 0.00	24.29 1.55 0.00	23.03 1.41 0.00	21.15 1.32 0.00	21.89 1.28 0.00	25.22 1.50 0.00	26.53 1.51 -3.49	27.50 1.68 -2.64	62.71 2.10 -33.99	33.97 2.69 -0.45	36.19 3.00 0.00	37.45 3.15 0.83	38.48 3.65 7.26	52.65 4.32 0.54	52.71 4.39 0.00	57.99 4.16 -10.80	64.04 2.73 -33.36	49.17 3.70 -6.12	48.06 3.70 0.00	42.40 3.06 0.67	39.04 2.25 -3.88	36.56 2.07 -4.71	35.23 2.30 -1.43
ARTHUR_KILL_COGEN 323718	28.32 1.87 0.00	26.83 1.74 0.00	24.34 1.60 0.00	23.08 1.46 0.00	21.17 1.35 0.00	21.95 1.33 0.00	25.31 1.59 0.00	26.60 1.58 -3.49	27.55 1.74 -2.63	58.88 2.15 -30.12	33.97 2.78 -0.35	34.71 3.04 1.52	35.92 3.23 2.45	35.49 3.72 10.32	48.70 4.40 4.57	52.76 4.43 0.00	58.01 4.18 -10.79	64.02 2.71 -33.36	49.12 3.65 -6.11	48.14 3.78 0.01	42.03 3.22 1.20	38.95 2.41 -3.62	36.28 2.25 -4.24	35.33 2.43 -1.40
ASHOKAN____ 23654	27.47 1.02 0.00	26.10 1.00 0.00	23.72 0.98 0.00	22.56 0.94 0.00	20.69 0.86 0.00	21.47 0.85 0.00	24.69 0.97 0.00	22.65 1.12 0.00	24.40 1.21 0.00	28.10 1.48 0.00	32.83 2.00 0.00	35.29 2.10 0.00	37.42 2.28 0.00	45.07 2.97 0.00	52.23 3.36 0.00	51.59 3.26 0.00	62.51 3.16 -16.31	80.84 2.39 -50.49	51.89 3.27 -9.26	47.99 3.63 0.00	42.72 2.71 0.00	34.81 1.90 0.00	31.39 1.60 0.00	33.14 1.64 0.00

ASTORIA_EAST_ENERGY_CC1 323581	28.34 1.89 0.00	26.90 1.80 0.00	24.40 1.66 0.00	23.16 1.55 0.00	21.24 1.41 0.00	22.00 1.38 0.00	25.36 1.64 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.82 2.20 0.00	33.61 2.78 0.00	36.25 3.07 0.00	38.29 3.15 0.00	45.68 3.59 0.00	53.22 4.36 0.00	52.66 4.34 0.00	57.97 4.14 -10.79	64.01 2.69 -33.35	49.14 3.67 -6.11	48.21 3.85 0.01	44.10 3.25 -0.84	47.81 2.41 -12.48	38.33 2.26 -6.28	35.32 2.39 -1.43
ASTORIA_EAST_ENERGY_CC2 323582	28.34 1.89 0.00	26.90 1.80 0.00	24.40 1.66 0.00	23.16 1.55 0.00	21.24 1.41 0.00	22.00 1.38 0.00	25.36 1.64 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.82 2.20 0.00	33.61 2.78 0.00	36.25 3.07 0.00	38.29 3.15 0.00	45.68 3.59 0.00	53.22 4.36 0.00	52.66 4.34 0.00	57.97 4.14 -10.79	64.01 2.69 -33.35	49.14 3.67 -6.11	48.21 3.85 0.01	44.10 3.25 -0.84	47.81 2.41 -12.48	38.33 2.26 -6.28	35.32 2.39 -1.43
ASTORIA_GT2_1 24094	28.35 1.90 0.00	26.90 1.81 0.00	24.42 1.68 0.00	23.17 1.56 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.37 1.65 0.00	26.78 1.63 -3.62	29.07 1.80 -4.09	28.83 2.21 0.00	33.63 2.80 0.00	36.28 3.09 0.00	38.33 3.19 0.00	45.72 3.62 0.00	53.26 4.40 0.00	52.69 4.37 0.00	58.00 4.17 -10.79	64.03 2.72 -33.35	49.17 3.70 -6.11	48.22 3.86 0.01	44.11 3.26 -0.84	47.83 2.43 -12.48	38.34 2.27 -6.28	35.33 2.40 -1.43
ASTORIA_GT2_2 24095	28.35 1.90 0.00	26.90 1.81 0.00	24.42 1.68 0.00	23.17 1.56 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.37 1.65 0.00	26.78 1.63 -3.62	29.07 1.80 -4.09	28.83 2.21 0.00	33.63 2.80 0.00	36.28 3.09 0.00	38.33 3.19 0.00	45.72 3.62 0.00	53.26 4.40 0.00	52.69 4.37 0.00	58.00 4.17 -10.79	64.03 2.72 -33.35	49.17 3.70 -6.11	48.22 3.86 0.01	44.11 3.26 -0.84	47.83 2.43 -12.48	38.34 2.27 -6.28	35.33 2.40 -1.43
ASTORIA_GT2_3 24096	28.35 1.90 0.00	26.90 1.81 0.00	24.42 1.68 0.00	23.17 1.56 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.37 1.65 0.00	26.78 1.63 -3.62	29.07 1.80 -4.09	28.83 2.21 0.00	33.63 2.80 0.00	36.28 3.09 0.00	38.33 3.19 0.00	45.72 3.62 0.00	53.26 4.40 0.00	52.69 4.37 0.00	58.00 4.17 -10.79	64.03 2.72 -33.35	49.17 3.70 -6.11	48.22 3.86 0.01	44.11 3.26 -0.84	47.83 2.43 -12.48	38.34 2.27 -6.28	35.33 2.40 -1.43
ASTORIA_GT2_4 24097	28.35 1.90 0.00	26.90 1.81 0.00	24.42 1.68 0.00	23.17 1.56 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.37 1.65 0.00	26.78 1.63 -3.62	29.07 1.80 -4.09	28.83 2.21 0.00	33.63 2.80 0.00	36.28 3.09 0.00	38.33 3.19 0.00	45.72 3.62 0.00	53.26 4.40 0.00	52.69 4.37 0.00	58.00 4.17 -10.79	64.03 2.72 -33.35	49.17 3.70 -6.11	48.22 3.86 0.01	44.11 3.26 -0.84	47.83 2.43 -12.48	38.34 2.27 -6.28	35.33 2.40 -1.43
ASTORIA_GT3_1 24098	28.35 1.90 0.00	26.90 1.81 0.00	24.42 1.68 0.00	23.17 1.56 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.37 1.65 0.00	26.78 1.63 -3.62	29.07 1.80 -4.09	28.83 2.21 0.00	33.63 2.80 0.00	36.28 3.09 0.00	38.33 3.19 0.00	45.72 3.62 0.00	53.26 4.40 0.00	52.69 4.37 0.00	58.00 4.17 -10.79	64.03 2.72 -33.35	49.17 3.70 -6.11	48.22 3.86 0.01	44.11 3.26 -0.84	47.83 2.43 -12.48	38.34 2.27 -6.28	35.33 2.40 -1.43
ASTORIA_GT3_2 24099	28.35 1.90 0.00	26.90 1.81 0.00	24.42 1.68 0.00	23.17 1.56 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.37 1.65 0.00	26.78 1.63 -3.62	29.07 1.80 -4.09	28.83 2.21 0.00	33.63 2.80 0.00	36.28 3.09 0.00	38.33 3.19 0.00	45.72 3.62 0.00	53.26 4.40 0.00	52.69 4.37 0.00	58.00 4.17 -10.79	64.03 2.72 -33.35	49.17 3.70 -6.11	48.22 3.86 0.01	44.11 3.26 -0.84	47.83 2.43 -12.48	38.34 2.27 -6.28	35.33 2.40 -1.43
ASTORIA_GT3_3 24100	28.35 1.90 0.00	26.90 1.81 0.00	24.42 1.68 0.00	23.17 1.56 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.37 1.65 0.00	26.78 1.63 -3.62	29.07 1.80 -4.09	28.83 2.21 0.00	33.63 2.80 0.00	36.28 3.09 0.00	38.33 3.19 0.00	45.72 3.62 0.00	53.26 4.40 0.00	52.69 4.37 0.00	58.00 4.17 -10.79	64.03 2.72 -33.35	49.17 3.70 -6.11	48.22 3.86 0.01	44.11 3.26 -0.84	47.83 2.43 -12.48	38.34 2.27 -6.28	35.33 2.40 -1.43
ASTORIA_GT3_4 24101	28.35 1.90 0.00	26.90 1.81 0.00	24.42 1.68 0.00	23.17 1.56 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.37 1.65 0.00	26.78 1.63 -3.62	29.07 1.80 -4.09	28.83 2.21 0.00	33.63 2.80 0.00	36.28 3.09 0.00	38.33 3.19 0.00	45.72 3.62 0.00	53.26 4.40 0.00	52.69 4.37 0.00	58.00 4.17 -10.79	64.03 2.72 -33.35	49.17 3.70 -6.11	48.22 3.86 0.01	44.11 3.26 -0.84	47.83 2.43 -12.48	38.34 2.27 -6.28	35.33 2.40 -1.43
ASTORIA_GT4_1 24102	28.35 1.90 0.00	26.90 1.81 0.00	24.42 1.68 0.00	23.17 1.56 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.37 1.65 0.00	26.78 1.63 -3.62	29.07 1.80 -4.09	28.83 2.21 0.00	33.63 2.80 0.00	36.28 3.09 0.00	38.33 3.19 0.00	45.72 3.62 0.00	53.26 4.40 0.00	52.69 4.37 0.00	58.00 4.17 -10.79	64.03 2.72 -33.35	49.17 3.70 -6.11	48.22 3.86 0.01	44.11 3.26 -0.84	47.83 2.43 -12.48	38.34 2.27 -6.28	35.33 2.40 -1.43
ASTORIA_GT4_2 24103	28.35 1.90 0.00	26.90 1.81 0.00	24.42 1.68 0.00	23.17 1.56 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.37 1.65 0.00	26.78 1.63 -3.62	29.07 1.80 -4.09	28.83 2.21 0.00	33.63 2.80 0.00	36.28 3.09 0.00	38.33 3.19 0.00	45.72 3.62 0.00	53.26 4.40 0.00	52.69 4.37 0.00	58.00 4.17 -10.79	64.03 2.72 -33.35	49.17 3.70 -6.11	48.22 3.86 0.01	44.11 3.26 -0.84	47.83 2.43 -12.48	38.34 2.27 -6.28	35.33 2.40 -1.43
ASTORIA_GT4_3 24104	28.35 1.90 0.00	26.90 1.81 0.00	24.42 1.68 0.00	23.17 1.56 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.37 1.65 0.00	26.78 1.63 -3.62	29.07 1.80 -4.09	28.83 2.21 0.00	33.63 2.80 0.00	36.28 3.09 0.00	38.33 3.19 0.00	45.72 3.62 0.00	53.26 4.40 0.00	52.69 4.37 0.00	58.00 4.17 -10.79	64.03 2.72 -33.35	49.17 3.70 -6.11	48.22 3.86 0.01	44.11 3.26 -0.84	47.83 2.43 -12.48	38.34 2.27 -6.28	35.33 2.40 -1.43
ASTORIA_GT4_4 24105	28.35 1.90 0.00	26.90 1.81 0.00	24.42 1.68 0.00	23.17 1.56 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.37 1.65 0.00	26.78 1.63 -3.62	29.07 1.80 -4.09	28.83 2.21 0.00	33.63 2.80 0.00	36.28 3.09 0.00	38.33 3.19 0.00	45.72 3.62 0.00	53.26 4.40 0.00	52.69 4.37 0.00	58.00 4.17 -10.79	64.03 2.72 -33.35	49.17 3.70 -6.11	48.22 3.86 0.01	44.11 3.26 -0.84	47.83 2.43 -12.48	38.34 2.27 -6.28	35.33 2.40 -1.43
ASTORIA_GT_1 23523	28.42 1.97 0.00	26.97 1.87 0.00	24.47 1.73 0.00	23.22 1.60 0.00	21.29 1.46 0.00	22.06 1.44 0.00	25.43 1.71 0.00	26.84 1.69 -3.62	29.14 1.86 -4.09	28.91 2.29 0.00	33.72 2.89 0.00	36.38 3.18 0.00	38.41 3.28 0.00	45.84 3.74 0.00	53.40 4.54 0.00	52.85 4.53 0.00	58.13 4.30 -10.79	64.11 2.80 -33.35	49.29 3.81 -6.11	48.36 4.00 0.01	44.23 3.37 -0.84	47.91 2.52 -12.48	38.42 2.35 -6.28	35.42 2.49 -1.43

ASTORIA_GT_10 24110	28.30 1.84 0.00	26.88 1.78 0.00	24.38 1.64 0.00	23.14 1.52 0.00	21.23 1.40 0.00	22.00 1.38 0.00	25.35 1.63 0.00	26.78 1.63 -3.62	29.05 1.78 -4.09	28.80 2.19 0.00	33.63 2.80 0.00	36.26 3.07 0.00	38.38 3.24 0.00	45.81 3.71 0.00	53.23 4.37 0.00	52.70 4.38 0.00	57.98 4.15 -10.79	64.00 2.69 -33.35	49.10 3.63 -6.11	48.09 3.73 0.01	44.02 3.17 -0.84	47.77 2.37 -12.48	38.26 2.20 -6.28	35.29 2.36 -1.43
ASTORIA_GT_11 24225	28.30 1.84 0.00	26.88 1.78 0.00	24.38 1.64 0.00	23.14 1.52 0.00	21.23 1.40 0.00	22.00 1.38 0.00	25.35 1.63 0.00	26.78 1.63 -3.62	29.05 1.78 -4.09	28.80 2.19 0.00	33.63 2.80 0.00	36.26 3.07 0.00	38.38 3.24 0.00	45.81 3.71 0.00	53.23 4.37 0.00	52.70 4.38 0.00	57.98 4.15 -10.79	64.00 2.69 -33.35	49.10 3.63 -6.11	48.09 3.73 0.01	44.02 3.17 -0.84	47.77 2.37 -12.48	38.26 2.20 -6.28	35.29 2.36 -1.43
ASTORIA_GT_12 24226	28.30 1.84 0.00	26.87 1.78 0.00	24.38 1.64 0.00	23.13 1.51 0.00	21.23 1.40 0.00	22.00 1.38 0.00	25.35 1.63 0.00	26.79 1.63 -3.62	29.05 1.77 -4.09	28.81 2.19 0.00	33.63 2.79 0.00	36.25 3.07 0.00	38.37 3.23 0.00	45.81 3.71 0.00	53.23 4.36 0.00	52.70 4.38 0.00	57.98 4.15 -10.79	64.00 2.69 -33.35	49.10 3.63 -6.11	48.10 3.74 0.01	44.01 3.17 -0.84	47.77 2.38 -12.48	38.26 2.20 -6.28	35.28 2.35 -1.43
ASTORIA_GT_13 24227	28.30 1.84 0.00	26.87 1.78 0.00	24.38 1.64 0.00	23.13 1.51 0.00	21.23 1.40 0.00	22.00 1.38 0.00	25.35 1.63 0.00	26.79 1.63 -3.62	29.05 1.77 -4.09	28.81 2.19 0.00	33.63 2.79 0.00	36.25 3.07 0.00	38.37 3.23 0.00	45.81 3.71 0.00	53.23 4.36 0.00	52.70 4.38 0.00	57.98 4.15 -10.79	64.00 2.69 -33.35	49.10 3.63 -6.11	48.10 3.74 0.01	44.01 3.17 -0.84	47.77 2.38 -12.48	38.26 2.20 -6.28	35.28 2.35 -1.43
ASTORIA_GT_5 24106	28.42 1.97 0.00	26.97 1.87 0.00	24.47 1.73 0.00	23.22 1.60 0.00	21.29 1.46 0.00	22.06 1.44 0.00	25.43 1.71 0.00	26.84 1.69 -3.62	29.14 1.86 -4.09	28.91 2.29 0.00	33.72 2.89 0.00	36.38 3.18 0.00	38.41 3.28 0.00	45.84 3.74 0.00	53.40 4.54 0.00	52.85 4.53 0.00	58.13 4.30 -10.79	64.11 2.80 -33.35	49.29 3.81 -6.11	48.36 4.00 0.01	44.23 3.37 -0.84	47.91 2.52 -12.48	38.42 2.35 -6.28	35.42 2.49 -1.43
ASTORIA_GT_7 24107	28.42 1.97 0.00	26.97 1.87 0.00	24.47 1.73 0.00	23.22 1.60 0.00	21.29 1.46 0.00	22.06 1.44 0.00	25.43 1.71 0.00	26.84 1.69 -3.62	29.14 1.86 -4.09	28.91 2.29 0.00	33.72 2.89 0.00	36.38 3.18 0.00	38.41 3.28 0.00	45.84 3.74 0.00	53.40 4.54 0.00	52.85 4.53 0.00	58.13 4.30 -10.79	64.11 2.80 -33.35	49.29 3.81 -6.11	48.36 4.00 0.01	44.23 3.37 -0.84	47.91 2.52 -12.48	38.42 2.35 -6.28	35.42 2.49 -1.43
ASTORIA_GT_8 24108	28.42 1.97 0.00	26.97 1.87 0.00	24.47 1.73 0.00	23.22 1.60 0.00	21.29 1.46 0.00	22.06 1.44 0.00	25.43 1.71 0.00	26.84 1.69 -3.62	29.14 1.86 -4.09	28.91 2.29 0.00	33.72 2.89 0.00	36.38 3.19 0.00	38.43 3.29 0.00	45.84 3.74 0.00	53.41 4.55 0.00	52.84 4.52 0.00	58.13 4.30 -10.79	64.11 2.80 -33.35	49.28 3.81 -6.11	48.34 3.99 0.01	44.23 3.38 -0.84	47.91 2.52 -12.48	38.42 2.36 -6.28	35.42 2.49 -1.43
ASTORIA___2 24149	28.36 1.90 0.00	26.90 1.81 0.00	24.42 1.68 0.00	23.18 1.56 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.37 1.66 0.00	26.78 1.63 -3.62	29.07 1.80 -4.09	28.83 2.21 0.00	33.63 2.80 0.00	36.27 3.09 0.00	38.31 3.17 0.00	45.71 3.62 0.00	53.26 4.40 0.00	52.69 4.37 0.00	58.00 4.17 -10.79	64.02 2.71 -33.35	49.16 3.69 -6.11	48.22 3.87 0.01	44.11 3.26 -0.84	47.82 2.42 -12.48	38.33 2.27 -6.28	35.33 2.40 -1.43
ASTORIA___3 23516	28.30 1.84 0.00	26.87 1.78 0.00	24.38 1.64 0.00	23.13 1.51 0.00	21.23 1.40 0.00	22.00 1.38 0.00	25.35 1.63 0.00	26.79 1.63 -3.62	29.05 1.77 -4.09	28.80 2.19 0.00	33.63 2.79 0.00	36.25 3.07 0.00	38.37 3.23 0.00	45.81 3.71 0.00	53.23 4.36 0.00	52.70 4.38 0.00	57.97 4.15 -10.79	64.00 2.69 -33.35	49.10 3.63 -6.11	48.10 3.74 0.01	44.01 3.17 -0.84	47.77 2.38 -12.48	38.26 2.20 -6.28	35.28 2.35 -1.43
ASTORIA___4 23517	28.30 1.84 0.00	26.88 1.78 0.00	24.38 1.64 0.00	23.14 1.52 0.00	21.23 1.40 0.00	22.00 1.38 0.00	25.35 1.63 0.00	26.78 1.63 -3.62	29.05 1.78 -4.09	28.80 2.19 0.00	33.63 2.80 0.00	36.26 3.07 0.00	38.38 3.24 0.00	45.81 3.71 0.00	53.23 4.37 0.00	52.70 4.38 0.00	57.97 4.14 -10.79	64.00 2.69 -33.35	49.10 3.63 -6.11	48.09 3.73 0.01	44.02 3.17 -0.84	47.77 2.37 -12.48	38.26 2.20 -6.28	35.29 2.36 -1.43
ASTORIA___5 23518	28.30 1.84 0.00	26.87 1.78 0.00	24.38 1.64 0.00	23.13 1.51 0.00	21.23 1.40 0.00	22.00 1.38 0.00	25.35 1.63 0.00	26.79 1.63 -3.62	29.05 1.77 -4.09	28.80 2.19 0.00	33.63 2.79 0.00	36.25 3.07 0.00	38.37 3.23 0.00	45.81 3.71 0.00	53.23 4.36 0.00	52.70 4.38 0.00	57.97 4.15 -10.79	64.00 2.69 -33.35	49.10 3.63 -6.11	48.10 3.74 0.01	44.01 3.17 -0.84	47.77 2.38 -12.48	38.26 2.20 -6.28	35.28 2.35 -1.43
AST_ENERGY_2_CC3 323677	28.29 1.84 0.00	26.85 1.75 0.00	24.36 1.62 0.00	23.11 1.49 0.00	21.21 1.38 0.00	21.97 1.35 0.00	25.33 1.61 0.00	26.76 1.61 -3.62	29.05 1.77 -4.09	28.83 2.21 0.00	33.62 2.79 0.00	36.28 3.10 0.00	38.41 3.27 0.00	45.91 3.81 0.00	53.39 4.52 0.00	52.92 4.59 0.00	58.16 4.33 -10.80	64.13 2.82 -33.36	49.28 3.81 -6.12	48.24 3.87 0.00	44.09 3.24 -0.85	47.81 2.41 -12.49	38.27 2.20 -6.28	35.33 2.39 -1.43
AST_ENERGY_2_CC4 323678	28.29 1.84 0.00	26.85 1.75 0.00	24.36 1.62 0.00	23.11 1.49 0.00	21.21 1.38 0.00	21.97 1.35 0.00	25.33 1.61 0.00	26.76 1.61 -3.62	29.05 1.77 -4.09	28.83 2.21 0.00	33.62 2.79 0.00	36.28 3.10 0.00	38.41 3.27 0.00	45.91 3.81 0.00	53.39 4.52 0.00	52.92 4.59 0.00	58.16 4.33 -10.80	64.13 2.82 -33.36	49.28 3.81 -6.12	48.24 3.87 0.00	44.09 3.24 -0.85	47.81 2.41 -12.49	38.27 2.20 -6.28	35.33 2.39 -1.43
ATHENS_STG_1 23668	27.36 0.91 0.00	26.03 0.93 0.00	23.68 0.94 0.00	22.52 0.90 0.00	20.65 0.82 0.00	21.42 0.80 0.00	24.61 0.89 0.00	23.33 0.82 -0.99	25.15 0.85 -1.11	27.67 1.06 0.00	32.15 1.32 0.00	34.66 1.47 0.00	36.74 1.60 0.00	43.99 1.89 0.00	51.03 2.16 0.00	50.52 2.19 0.00	56.59 2.11 -11.45	64.69 1.35 -35.38	47.68 1.83 -6.49	46.29 1.92 0.00	41.81 1.56 -0.25	37.68 1.13 -3.65	32.61 0.99 -1.83	32.99 1.06 -0.42
ATHENS_STG_2 23670	27.36 0.91 0.00	26.03 0.93 0.00	23.68 0.94 0.00	22.52 0.90 0.00	20.65 0.82 0.00	21.42 0.80 0.00	24.61 0.89 0.00	23.33 0.82 -0.99	25.15 0.85 -1.11	27.67 1.06 0.00	32.15 1.32 0.00	34.66 1.47 0.00	36.74 1.60 0.00	43.99 1.89 0.00	51.03 2.16 0.00	50.52 2.19 0.00	56.59 2.11 -11.45	64.69 1.35 -35.38	47.68 1.83 -6.49	46.29 1.92 0.00	41.81 1.56 -0.25	37.68 1.13 -3.65	32.61 0.99 -1.83	32.99 1.06 -0.42

ATHENS_STG_3 23677	27.36 0.91 0.00	26.03 0.93 0.00	23.68 0.94 0.00	22.52 0.90 0.00	20.65 0.82 0.00	21.42 0.80 0.00	24.61 0.89 0.00	23.33 0.82 -0.99	25.15 0.85 -1.11	27.67 1.06 0.00	32.15 1.32 0.00	34.66 1.47 0.00	36.74 1.60 0.00	43.99 1.89 0.00	51.03 2.16 0.00	50.52 2.19 0.00	56.59 2.11 -11.45	64.69 1.35 -35.38	47.68 1.83 -6.49	46.29 1.92 0.00	41.81 1.56 -0.25	37.68 1.13 -3.65	32.61 0.99 -1.83	32.99 1.06 -0.42
AUBURN___LFGE 323710	27.20 0.75 0.00	25.39 0.29 0.00	22.97 0.23 0.00	21.87 0.26 0.00	19.97 0.14 0.00	20.89 0.27 0.00	24.10 0.35 -0.03	21.82 0.28 0.00	23.50 0.31 0.00	26.95 0.34 0.00	31.26 0.43 0.00	34.02 0.60 -0.23	38.67 1.45 -2.08	44.17 0.88 -1.20	50.43 0.66 -0.90	49.86 0.75 -0.79	44.98 0.62 -1.32	31.97 0.46 -3.56	40.69 0.68 -0.65	45.23 0.86 0.00	40.87 0.86 0.00	33.45 0.54 0.00	30.31 0.53 0.00	32.00 0.50 0.00
BABYLON_RES_REC 323704	28.82 2.37 0.00	27.36 2.26 0.00	24.86 2.13 0.00	23.51 1.89 0.00	21.58 1.75 0.00	22.36 1.74 0.00	25.68 1.96 0.00	27.02 1.89 -3.59	29.26 2.02 -4.06	28.96 2.34 0.00	34.17 3.25 -0.09	36.58 3.39 0.00	38.58 3.44 0.00	46.00 3.90 0.00	54.29 4.95 -0.47	53.17 4.84 0.00	58.67 4.59 -11.05	90.88 3.05 -59.88	108.83 4.19 -65.28	57.23 4.12 -8.75	76.06 3.61 -32.45	52.33 2.62 -16.80	40.05 2.57 -7.69	36.71 3.26 -1.95
BABYLON__69_KV_BK2 356345	29.15 2.69 0.00	27.67 2.57 0.00	25.12 2.38 0.00	23.75 2.13 0.00	21.79 1.96 0.00	22.59 1.97 0.00	25.93 2.21 0.00	27.25 2.13 -3.59	29.56 2.31 -4.06	29.29 2.68 0.00	34.70 3.78 -0.09	37.32 4.13 0.00	39.47 4.33 0.00	47.17 5.07 0.00	55.93 6.33 -0.73	54.39 6.02 -0.04	59.75 5.65 -11.06	91.59 3.76 -59.88	110.98 5.16 -66.46	59.30 5.19 -9.74	78.26 4.55 -33.70	52.62 3.28 -16.43	40.51 3.15 -7.57	37.17 3.72 -1.95
BARON_WINDS___WT_PWR 323822	26.80 0.34 0.00	25.34 0.24 0.00	22.53 -0.21 0.00	21.20 -0.42 0.00	19.22 -0.61 0.00	20.18 -0.44 0.00	22.18 -0.38 1.16	21.15 -0.38 0.01	22.83 -0.35 0.00	26.23 -0.39 0.00	30.29 -0.54 0.00	24.27 -0.76 8.16	-38.27 -0.88 72.53	-6.57 -1.44 47.23	9.02 -1.57 38.28	13.50 -1.54 33.29	36.79 -1.28 4.97	34.80 -0.45 -7.28	40.29 -0.40 -1.34	43.81 -0.56 0.00	40.01 0.00 0.00	33.07 0.16 0.00	30.01 0.22 0.00	31.93 0.42 0.00
BARRETT_IC_1 23704	28.54 2.09 0.00	27.08 1.98 0.00	24.62 1.88 0.00	23.31 1.69 0.00	21.39 1.57 0.00	22.16 1.54 0.00	25.45 1.73 0.00	26.78 1.65 -3.59	28.95 1.70 -4.06	28.61 1.99 0.00	33.88 2.96 -0.09	36.35 3.16 0.00	38.35 3.21 0.00	45.83 3.74 0.00	53.88 4.54 -0.47	52.93 4.60 0.00	58.47 4.38 -11.05	90.72 2.88 -59.88	108.57 3.93 -65.28	57.01 3.90 -8.75	75.79 3.34 -32.45	93.79 2.49 -58.38	53.56 2.44 -21.33	36.25 2.79 -1.96
BARRETT_IC_10 23701	28.54 2.09 0.00	27.08 1.98 0.00	24.62 1.88 0.00	23.31 1.69 0.00	21.39 1.57 0.00	22.16 1.54 0.00	25.45 1.73 0.00	26.78 1.65 -3.59	28.95 1.70 -4.06	28.61 1.99 0.00	33.88 2.96 -0.09	36.35 3.16 0.00	38.35 3.21 0.00	45.83 3.74 0.00	53.88 4.54 -0.47	52.93 4.60 0.00	58.47 4.38 -11.05	90.72 2.88 -59.88	108.57 3.93 -65.28	57.01 3.90 -8.75	75.79 3.34 -32.45	93.79 2.49 -58.38	53.56 2.44 -21.33	36.25 2.79 -1.96
BARRETT_IC_11 23702	28.54 2.09 0.00	27.08 1.98 0.00	24.62 1.88 0.00	23.31 1.69 0.00	21.39 1.57 0.00	22.16 1.54 0.00	25.45 1.73 0.00	26.78 1.65 -3.59	28.95 1.70 -4.06	28.61 1.99 0.00	33.88 2.96 -0.09	36.35 3.16 0.00	38.35 3.21 0.00	45.83 3.74 0.00	53.88 4.54 -0.47	52.93 4.60 0.00	58.47 4.38 -11.05	90.72 2.88 -59.88	108.57 3.93 -65.28	57.01 3.90 -8.75	75.79 3.34 -32.45	93.79 2.49 -58.38	53.56 2.44 -21.33	36.25 2.79 -1.96
BARRETT_IC_12 23703	28.54 2.09 0.00	27.08 1.98 0.00	24.62 1.88 0.00	23.31 1.69 0.00	21.39 1.57 0.00	22.16 1.54 0.00	25.45 1.73 0.00	26.78 1.65 -3.59	28.95 1.70 -4.06	28.61 1.99 0.00	33.88 2.96 -0.09	36.35 3.16 0.00	38.35 3.21 0.00	45.83 3.74 0.00	53.88 4.54 -0.47	52.93 4.60 0.00	58.47 4.38 -11.05	90.72 2.88 -59.88	108.57 3.93 -65.28	57.01 3.90 -8.75	75.79 3.34 -32.45	93.79 2.49 -58.38	53.56 2.44 -21.33	36.25 2.79 -1.96
BARRETT_IC_2 23705	28.54 2.09 0.00	27.08 1.98 0.00	24.62 1.88 0.00	23.31 1.69 0.00	21.39 1.57 0.00	22.16 1.54 0.00	25.45 1.73 0.00	26.78 1.65 -3.59	28.95 1.70 -4.06	28.61 1.99 0.00	33.88 2.96 -0.09	36.35 3.16 0.00	38.35 3.21 0.00	45.83 3.74 0.00	53.88 4.54 -0.47	52.93 4.60 0.00	58.47 4.38 -11.05	90.72 2.88 -59.88	108.57 3.93 -65.28	57.01 3.90 -8.75	75.79 3.34 -32.45	93.79 2.49 -58.38	53.56 2.44 -21.33	36.25 2.79 -1.96
BARRETT_IC_3 23706	28.54 2.09 0.00	27.08 1.98 0.00	24.62 1.88 0.00	23.31 1.69 0.00	21.39 1.57 0.00	22.16 1.54 0.00	25.45 1.73 0.00	26.78 1.65 -3.59	28.95 1.70 -4.06	28.61 1.99 0.00	33.88 2.96 -0.09	36.35 3.16 0.00	38.35 3.21 0.00	45.83 3.74 0.00	53.88 4.54 -0.47	52.93 4.60 0.00	58.47 4.38 -11.05	90.72 2.88 -59.88	108.57 3.93 -65.28	57.01 3.90 -8.75	75.79 3.34 -32.45	93.79 2.49 -58.38	53.56 2.44 -21.33	36.25 2.79 -1.96
BARRETT_IC_4 23707	28.54 2.09 0.00	27.08 1.98 0.00	24.62 1.88 0.00	23.31 1.69 0.00	21.39 1.57 0.00	22.16 1.54 0.00	25.45 1.73 0.00	26.78 1.65 -3.59	28.95 1.70 -4.06	28.61 1.99 0.00	33.88 2.96 -0.09	36.35 3.16 0.00	38.35 3.21 0.00	45.83 3.74 0.00	53.88 4.54 -0.47	52.93 4.60 0.00	58.47 4.38 -11.05	90.72 2.88 -59.88	108.57 3.93 -65.28	57.01 3.90 -8.75	75.79 3.34 -32.45	93.79 2.49 -58.38	53.56 2.44 -21.33	36.25 2.79 -1.96
BARRETT_IC_5 23708	28.54 2.09 0.00	27.08 1.98 0.00	24.62 1.88 0.00	23.31 1.69 0.00	21.39 1.57 0.00	22.16 1.54 0.00	25.45 1.73 0.00	26.78 1.65 -3.59	28.95 1.70 -4.06	28.61 1.99 0.00	33.88 2.96 -0.09	36.35 3.16 0.00	38.35 3.21 0.00	45.83 3.74 0.00	53.88 4.54 -0.47	52.93 4.60 0.00	58.47 4.38 -11.05	90.72 2.88 -59.88	108.57 3.93 -65.28	57.01 3.90 -8.75	75.79 3.34 -32.45	93.79 2.49 -58.38	53.56 2.44 -21.33	36.25 2.79 -1.96
BARRETT_IC_6 23709	28.54 2.09 0.00	27.08 1.98 0.00	24.62 1.88 0.00	23.31 1.69 0.00	21.39 1.57 0.00	22.16 1.54 0.00	25.45 1.73 0.00	26.78 1.65 -3.59	28.95 1.70 -4.06	28.61 1.99 0.00	33.88 2.96 -0.09	36.35 3.16 0.00	38.35 3.21 0.00	45.83 3.74 0.00	53.88 4.54 -0.47	52.93 4.60 0.00	58.47 4.38 -11.05	90.72 2.88 -59.88	108.57 3.93 -65.28	57.01 3.90 -8.75	75.79 3.34 -32.45	93.79 2.49 -58.38	53.56 2.44 -21.33	36.25 2.79 -1.96
BARRETT_IC_7 23710	28.54 2.09 0.00	27.08 1.98 0.00	24.62 1.88 0.00	23.31 1.69 0.00	21.39 1.57 0.00	22.17 1.55 0.00	25.45 1.73 0.00	26.78 1.65 -3.59	28.95 1.70 -4.06	28.61 1.99 0.00	33.88 2.96 -0.09	36.36 3.17 0.00	38.37 3.23 0.00	45.83 3.74 0.00	53.88 4.54 -0.47	52.93 4.60 0.00	58.46 4.38 -11.04	90.72 2.89 -59.88	108.57 3.93 -65.28	57.01 3.90 -8.75	75.79 3.33 -32.45	93.78 2.49 -58.38	53.56 2.45 -21.32	36.24 2.79 -1.95

BARRETT_IC_8 23711	28.54 2.09 0.00	27.08 1.98 0.00	24.62 1.88 0.00	23.31 1.69 0.00	21.39 1.57 0.00	22.16 1.54 0.00	25.45 1.73 0.00	26.78 1.65 -3.59	28.95 1.70 -4.06	28.61 1.99 0.00	33.88 2.96 -0.09	36.35 3.16 0.00	38.35 3.21 0.00	45.83 3.74 0.00	53.88 4.54 -0.47	52.93 4.60 0.00	58.47 4.38 -11.05	90.72 2.88 -59.88	108.57 3.93 -65.28	57.01 3.90 -8.75	75.79 3.34 -32.45	93.79 2.49 -58.38	53.56 2.44 -21.33	36.25 2.79 -1.96
BARRETT_IC_9 23700	28.54 2.09 0.00	27.08 1.98 0.00	24.62 1.88 0.00	23.31 1.69 0.00	21.39 1.57 0.00	22.16 1.54 0.00	25.45 1.73 0.00	26.78 1.65 -3.59	28.95 1.70 -4.06	28.61 1.99 0.00	33.88 2.96 -0.09	36.35 3.16 0.00	38.35 3.21 0.00	45.83 3.74 0.00	53.88 4.54 -0.47	52.93 4.60 0.00	58.47 4.38 -11.05	90.72 2.88 -59.88	108.57 3.93 -65.28	57.01 3.90 -8.75	75.79 3.34 -32.45	93.79 2.49 -58.38	53.56 2.44 -21.33	36.25 2.79 -1.96
BARRETT___1 23545	28.54 2.09 0.00	27.08 1.98 0.00	24.62 1.88 0.00	23.31 1.69 0.00	21.39 1.57 0.00	22.16 1.54 0.00	25.45 1.73 0.00	26.78 1.65 -3.59	28.95 1.70 -4.06	28.61 1.99 0.00	33.88 2.96 -0.09	36.35 3.16 0.00	38.35 3.21 0.00	45.83 3.74 0.00	53.88 4.54 -0.47	52.93 4.60 0.00	58.47 4.38 -11.05	90.72 2.88 -59.88	108.57 3.93 -65.28	57.01 3.90 -8.75	75.79 3.34 -32.45	93.79 2.49 -58.38	53.56 2.44 -21.33	36.25 2.79 -1.96
BARRETT___2 23546	28.54 2.09 0.00	27.08 1.98 0.00	24.62 1.88 0.00	23.31 1.69 0.00	21.39 1.57 0.00	22.16 1.54 0.00	25.45 1.73 0.00	26.78 1.65 -3.59	28.95 1.70 -4.06	28.61 1.99 0.00	33.88 2.96 -0.09	36.35 3.16 0.00	38.35 3.21 0.00	45.83 3.74 0.00	53.88 4.54 -0.47	52.93 4.60 0.00	58.47 4.38 -11.05	90.72 2.88 -59.88	108.57 3.93 -65.28	57.01 3.90 -8.75	75.79 3.34 -32.45	93.79 2.49 -58.38	53.56 2.44 -21.33	36.25 2.79 -1.96
BATAVIA___115KV_TB1 55881	27.32 0.86 0.00	25.70 0.61 0.00	22.74 0.00 0.00	21.58 -0.04 0.00	19.66 -0.17 0.00	20.74 0.12 0.00	23.87 0.26 0.11	21.70 0.17 0.00	23.68 0.49 0.00	27.14 0.52 0.00	31.34 0.50 0.00	32.68 0.27 0.78	28.41 0.18 6.91	37.40 -0.17 4.53	44.90 -0.27 3.69	44.60 -0.52 3.21	43.22 -0.53 -0.71	32.15 -0.20 -4.39	39.77 -0.40 -0.81	43.83 -0.54 0.00	39.97 -0.04 0.00	33.22 0.31 0.00	30.22 0.43 0.00	32.21 0.70 0.00
BAYONEEC___CTG1 323682	28.31 1.86 0.00	26.86 1.77 0.00	24.37 1.63 0.00	23.12 1.50 0.00	21.22 1.39 0.00	21.98 1.36 0.00	25.33 1.61 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.84 2.23 0.00	33.64 2.80 0.00	36.29 3.11 0.00	37.59 3.29 0.83	38.66 3.82 7.26	52.86 4.53 0.54	52.92 4.60 0.00	58.16 4.33 -10.80	64.14 2.82 -33.36	49.30 3.83 -6.12	48.25 3.88 0.00	43.02 3.25 0.24	40.75 2.41 -5.43	38.27 2.20 -6.28	35.35 2.41 -1.43
BAYONEEC___CTG10 323750	28.31 1.86 0.00	26.86 1.77 0.00	24.37 1.63 0.00	23.12 1.50 0.00	21.22 1.39 0.00	21.98 1.36 0.00	25.33 1.61 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.84 2.23 0.00	33.64 2.80 0.00	36.29 3.11 0.00	37.59 3.29 0.83	38.66 3.82 7.26	52.86 4.53 0.54	52.92 4.60 0.00	58.16 4.33 -10.80	64.14 2.82 -33.36	49.30 3.83 -6.12	48.25 3.88 0.00	43.02 3.25 0.24	40.75 2.41 -5.43	38.27 2.20 -6.28	35.35 2.41 -1.43
BAYONEEC___CTG2 323683	28.31 1.86 0.00	26.86 1.77 0.00	24.37 1.63 0.00	23.12 1.50 0.00	21.22 1.39 0.00	21.98 1.36 0.00	25.33 1.61 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.84 2.23 0.00	33.64 2.80 0.00	36.29 3.11 0.00	37.59 3.29 0.83	38.66 3.82 7.26	52.86 4.53 0.54	52.92 4.60 0.00	58.16 4.33 -10.80	64.14 2.82 -33.36	49.30 3.83 -6.12	48.25 3.88 0.00	43.02 3.25 0.24	40.75 2.41 -5.43	38.27 2.20 -6.28	35.35 2.41 -1.43
BAYONEEC___CTG3 323684	28.31 1.86 0.00	26.86 1.77 0.00	24.37 1.63 0.00	23.12 1.50 0.00	21.22 1.39 0.00	21.98 1.36 0.00	25.33 1.61 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.84 2.23 0.00	33.64 2.80 0.00	36.29 3.11 0.00	37.59 3.29 0.83	38.66 3.82 7.26	52.86 4.53 0.54	52.92 4.60 0.00	58.16 4.33 -10.80	64.14 2.82 -33.36	49.30 3.83 -6.12	48.25 3.88 0.00	43.02 3.25 0.24	40.75 2.41 -5.43	38.27 2.20 -6.28	35.35 2.41 -1.43
BAYONEEC___CTG4 323685	28.31 1.86 0.00	26.86 1.77 0.00	24.37 1.63 0.00	23.12 1.50 0.00	21.22 1.39 0.00	21.98 1.36 0.00	25.33 1.61 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.84 2.23 0.00	33.64 2.80 0.00	36.29 3.11 0.00	37.59 3.29 0.83	38.66 3.82 7.26	52.86 4.53 0.54	52.92 4.60 0.00	58.16 4.33 -10.80	64.14 2.82 -33.36	49.30 3.83 -6.12	48.25 3.88 0.00	43.02 3.25 0.24	40.75 2.41 -5.43	38.27 2.20 -6.28	35.35 2.41 -1.43
BAYONEEC___CTG5 323686	28.31 1.86 0.00	26.86 1.77 0.00	24.37 1.63 0.00	23.12 1.50 0.00	21.22 1.39 0.00	21.98 1.36 0.00	25.33 1.61 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.84 2.23 0.00	33.64 2.80 0.00	36.29 3.11 0.00	37.59 3.29 0.83	38.66 3.82 7.26	52.86 4.53 0.54	52.92 4.60 0.00	58.16 4.33 -10.80	64.14 2.82 -33.36	49.30 3.83 -6.12	48.25 3.88 0.00	43.02 3.25 0.24	40.75 2.41 -5.43	38.27 2.20 -6.28	35.35 2.41 -1.43
BAYONEEC___CTG6 323687	28.31 1.86 0.00	26.86 1.77 0.00	24.37 1.63 0.00	23.12 1.50 0.00	21.22 1.39 0.00	21.98 1.36 0.00	25.33 1.61 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.84 2.23 0.00	33.64 2.80 0.00	36.29 3.11 0.00	37.59 3.29 0.83	38.66 3.82 7.26	52.86 4.53 0.54	52.92 4.60 0.00	58.16 4.33 -10.80	64.14 2.82 -33.36	49.30 3.83 -6.12	48.25 3.88 0.00	43.02 3.25 0.24	40.75 2.41 -5.43	38.27 2.20 -6.28	35.35 2.41 -1.43
BAYONEEC___CTG7 323688	28.31 1.86 0.00	26.86 1.77 0.00	24.37 1.63 0.00	23.12 1.50 0.00	21.22 1.39 0.00	21.98 1.36 0.00	25.33 1.61 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.84 2.23 0.00	33.64 2.80 0.00	36.29 3.11 0.00	37.59 3.29 0.83	38.66 3.82 7.26	52.86 4.53 0.54	52.92 4.60 0.00	58.16 4.33 -10.80	64.14 2.82 -33.36	49.30 3.83 -6.12	48.25 3.88 0.00	43.02 3.25 0.24	40.75 2.41 -5.43	38.27 2.20 -6.28	35.35 2.41 -1.43
BAYONEEC___CTG8 323689	28.31 1.86 0.00	26.86 1.77 0.00	24.37 1.63 0.00	23.12 1.50 0.00	21.22 1.39 0.00	21.98 1.36 0.00	25.33 1.61 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.84 2.23 0.00	33.64 2.80 0.00	36.29 3.11 0.00	37.59 3.29 0.83	38.66 3.82 7.26	52.86 4.53 0.54	52.92 4.60 0.00	58.16 4.33 -10.80	64.14 2.82 -33.36	49.30 3.83 -6.12	48.25 3.88 0.00	43.02 3.25 0.24	40.75 2.41 -5.43	38.27 2.20 -6.28	35.35 2.41 -1.43
BAYONEEC___CTG9 323749	28.31 1.86 0.00	26.86 1.77 0.00	24.37 1.63 0.00	23.12 1.50 0.00	21.22 1.39 0.00	21.98 1.36 0.00	25.33 1.61 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.84 2.23 0.00	33.64 2.80 0.00	36.29 3.11 0.00	37.59 3.29 0.83	38.66 3.82 7.26	52.86 4.53 0.54	52.92 4.60 0.00	58.16 4.33 -10.80	64.14 2.82 -33.36	49.30 3.83 -6.12	48.25 3.88 0.00	43.02 3.25 0.24	40.75 2.41 -5.43	38.27 2.20 -6.28	35.35 2.41 -1.43

BEACON___LESR 323632	27.27 0.82 0.00	25.87 0.77 0.00	23.53 0.79 0.00	22.39 0.77 0.00	20.53 0.71 0.00	21.35 0.73 0.00	24.62 0.90 0.00	23.17 0.80 -0.84	24.99 0.85 -0.95	27.70 1.09 0.00	32.11 1.28 0.00	34.65 1.46 0.00	36.56 1.43 0.00	43.95 1.85 0.00	50.86 2.00 0.00	50.37 2.04 0.00	68.48 2.02 -23.42	101.64 1.32 -72.37	54.46 1.83 -13.27	46.33 1.97 0.00	41.67 1.45 -0.21	37.08 1.04 -3.13	32.23 0.87 -1.57	32.86 0.99 -0.36
BEAVER RIVER___HYD 24048	26.55 0.10 0.00	25.10 0.01 0.00	22.68 -0.06 0.00	21.40 -0.22 0.00	19.67 -0.16 0.00	20.28 -0.33 0.00	23.53 -0.20 0.00	21.30 -0.24 0.00	22.71 -0.47 0.00	25.61 -1.01 0.00	25.65 -1.56 3.62	-13.25 -1.85 44.58	-4.71 -1.69 38.16	-11.32 -1.93 51.49	27.85 -1.42 19.60	-9.44 -1.70 56.06	-11.27 -2.02 52.29	-13.76 -1.34 40.38	-0.78 -2.19 37.95	25.12 -1.76 17.48	39.38 -0.63 0.00	32.89 -0.02 0.00	30.02 0.23 0.00	31.75 0.24 0.00
BEEBEE_GT_13 23619	26.78 0.32 0.00	25.25 0.15 0.00	22.51 -0.23 0.00	21.38 -0.24 0.00	19.52 -0.30 0.00	20.50 -0.12 0.00	23.66 -0.06 0.00	21.48 -0.06 0.00	23.37 0.18 0.00	26.83 0.22 0.00	31.05 0.21 0.00	33.16 -0.03 0.00	35.00 -0.14 0.00	41.61 -0.49 0.00	48.31 -0.56 0.00	47.73 -0.59 0.00	43.82 -0.40 -1.18	31.42 -0.17 -3.64	39.66 -0.37 -0.67	43.73 -0.63 0.00	39.69 -0.32 0.00	32.83 -0.08 0.00	29.79 0.00 0.00	31.66 0.16 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.67 2.22 0.00	27.19 2.09 0.00	24.66 1.92 0.00	23.38 1.76 0.00	21.44 1.62 0.00	22.23 1.61 0.00	25.63 1.91 0.00	27.05 1.90 -3.62	29.37 2.09 -4.09	95.59 2.56 -66.42	34.97 3.26 -0.87	36.75 3.56 0.00	38.94 3.80 0.00	46.49 4.39 0.00	54.06 5.18 -0.01	53.49 5.16 -0.01	58.68 4.84 -10.80	64.46 3.14 -33.37	49.73 4.25 -6.13	48.82 4.44 -0.01	44.71 3.84 -0.85	48.34 2.93 -12.50	38.77 2.71 -6.28	35.80 2.86 -1.43
BETHLEHEM___GRP 23843	26.84 0.39 0.00	25.54 0.44 0.00	23.25 0.51 0.00	22.13 0.51 0.00	20.31 0.49 0.00	21.08 0.46 0.00	24.20 0.48 0.00	22.78 0.41 -0.84	24.55 0.41 -0.95	27.19 0.58 0.00	31.50 0.67 0.00	33.88 0.69 0.00	35.89 0.75 0.00	43.04 0.95 0.00	49.91 1.05 0.00	49.38 1.05 0.00	67.37 1.12 -23.21	100.39 0.72 -71.71	53.47 0.97 -13.15	45.37 1.00 0.00	40.90 0.68 -0.21	36.43 0.41 -3.12	31.69 0.34 -1.57	32.27 0.41 -0.36
BETHLEHEM___GS1 323560	26.84 0.39 0.00	25.54 0.44 0.00	23.26 0.51 0.00	22.14 0.51 0.00	20.31 0.48 0.00	21.08 0.45 0.00	24.20 0.48 0.00	22.78 0.41 -0.84	24.55 0.41 -0.95	27.19 0.58 0.00	31.50 0.67 0.00	33.87 0.68 0.00	35.89 0.75 0.00	43.04 0.95 0.00	49.91 1.05 0.00	49.38 1.05 0.00	67.37 1.13 -23.21	100.38 0.71 -71.71	53.48 0.97 -13.15	45.37 1.01 0.00	40.90 0.68 -0.21	36.43 0.40 -3.12	31.69 0.34 -1.57	32.27 0.41 -0.36
BETHLEHEM___GS2 323561	26.84 0.39 0.00	25.54 0.44 0.00	23.26 0.51 0.00	22.14 0.51 0.00	20.31 0.48 0.00	21.08 0.45 0.00	24.20 0.48 0.00	22.78 0.41 -0.84	24.55 0.41 -0.95	27.19 0.58 0.00	31.50 0.67 0.00	33.87 0.68 0.00	35.89 0.75 0.00	43.04 0.95 0.00	49.91 1.05 0.00	49.38 1.05 0.00	67.37 1.13 -23.21	100.38 0.71 -71.71	53.48 0.97 -13.15	45.37 1.01 0.00	40.90 0.68 -0.21	36.43 0.40 -3.12	31.69 0.34 -1.57	32.27 0.41 -0.36
BETHLEHEM___GS3 323562	26.84 0.39 0.00	25.54 0.44 0.00	23.26 0.51 0.00	22.14 0.51 0.00	20.31 0.48 0.00	21.08 0.45 0.00	24.20 0.48 0.00	22.78 0.41 -0.84	24.55 0.41 -0.95	27.19 0.58 0.00	31.50 0.67 0.00	33.87 0.68 0.00	35.89 0.75 0.00	43.04 0.95 0.00	49.91 1.05 0.00	49.38 1.05 0.00	67.37 1.13 -23.21	100.38 0.71 -71.71	53.48 0.97 -13.15	45.37 1.01 0.00	40.90 0.68 -0.21	36.43 0.40 -3.12	31.69 0.34 -1.57	32.27 0.41 -0.36
BETHLEHEM___STEEL 23779	26.88 0.43 0.00	25.31 0.22 0.00	22.31 -0.43 0.00	21.14 -0.48 0.00	19.21 -0.62 0.00	20.25 -0.36 0.00	23.21 -0.31 0.21	21.20 -0.33 0.00	23.18 -0.01 0.00	26.56 -0.05 0.00	30.67 -0.16 0.00	31.08 -0.66 1.45	21.39 -0.91 12.84	32.33 -1.38 8.38	40.60 -1.47 6.81	40.85 -1.55 5.92	42.05 -1.41 -0.42	32.56 -0.71 -5.31	39.22 -1.11 -0.97	42.83 -1.54 0.00	39.12 -0.89 0.00	32.53 -0.37 0.00	29.67 -0.12 0.00	31.70 0.19 0.00
BETHLHEM_115KV_TB1 79974	26.92 0.46 0.00	25.61 0.51 0.00	23.32 0.58 0.00	22.20 0.58 0.00	20.36 0.54 0.00	21.13 0.51 0.00	24.27 0.55 0.00	22.84 0.47 -0.83	24.61 0.49 -0.94	27.27 0.65 0.00	31.59 0.76 0.00	33.97 0.79 0.00	36.00 0.86 0.00	43.17 1.07 0.00	50.06 1.19 0.00	49.52 1.19 0.00	66.90 1.23 -22.63	98.68 0.80 -69.93	53.25 1.07 -12.82	45.48 1.12 0.00	41.02 0.80 -0.21	36.52 0.51 -3.11	31.78 0.43 -1.56	32.37 0.51 -0.35
BETHPAGE_CC_5 323564	28.66 2.21 0.00	27.21 2.11 0.00	24.75 2.01 0.00	23.41 1.80 0.00	21.49 1.66 0.00	22.26 1.65 0.00	25.58 1.86 0.00	26.92 1.79 -3.59	29.15 1.90 -4.06	28.84 2.23 0.00	34.15 3.23 -0.09	36.68 3.50 0.00	38.76 3.62 0.00	46.31 4.21 0.00	54.50 5.16 -0.47	53.37 5.04 0.00	58.86 4.78 -11.05	90.99 3.16 -59.88	108.95 4.31 -65.28	57.40 4.29 -8.75	76.20 3.74 -32.45	53.67 2.71 -18.04	40.45 2.56 -8.10	36.47 3.02 -1.95
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.95 0.50 0.00	25.39 0.29 0.00	22.38 -0.36 0.00	21.20 -0.42 0.00	19.27 -0.56 0.00	20.31 -0.30 0.00	23.30 -0.23 0.19	21.27 -0.26 0.00	23.25 0.07 0.00	26.65 0.04 0.00	30.79 -0.04 0.00	31.30 -0.53 1.36	22.29 -0.78 12.07	33.01 -1.20 7.88	41.20 -1.26 6.40	41.45 -1.31 5.57	42.34 -1.21 -0.52	32.77 -0.59 -5.40	39.40 -0.95 -0.99	43.00 -1.36 0.00	39.28 -0.73 0.00	32.65 -0.26 0.00	29.77 -0.02 0.00	31.79 0.28 0.00
BINGHAMTON___COGEN 23790	26.91 0.45 0.00	25.51 0.41 0.00	22.95 0.21 0.00	21.79 0.17 0.00	19.98 0.16 0.00	20.87 0.25 0.00	24.09 0.37 0.00	21.89 0.36 0.00	23.58 0.39 0.00	27.10 0.49 0.00	31.42 0.59 0.00	33.79 0.61 0.00	35.74 0.60 0.00	42.81 0.72 0.00	49.76 0.89 0.00	49.27 0.95 0.00	47.50 0.80 -3.67	39.88 0.58 -11.35	42.20 0.76 -2.08	44.98 0.61 0.00	40.61 0.60 0.00	33.40 0.49 0.00	30.23 0.44 0.00	32.01 0.50 0.00
BIXINCNT_115KV_LOAD 355685	26.99 0.53 0.00	25.56 0.46 0.00	22.50 -0.24 0.00	21.16 -0.46 0.00	19.19 -0.64 0.00	20.29 -0.33 0.00	23.31 -0.29 0.13	21.12 -0.42 0.00	23.12 -0.07 0.00	26.46 -0.15 0.00	30.63 -0.21 0.00	31.45 -0.85 0.89	25.69 -1.59 7.86	34.98 -1.97 5.15	42.64 -2.05 4.18	42.92 -1.77 3.64	42.63 -1.47 -1.07	33.07 -0.67 -5.78	39.49 -0.93 -1.06	43.17 -1.19 0.00	39.48 -0.53 0.00	32.81 -0.09 0.00	29.88 0.09 0.00	31.89 0.38 0.00
BLACK RIVER___HYD 24047	26.62 0.17 0.00	25.17 0.07 0.00	22.72 -0.02 0.00	21.43 -0.19 0.00	19.69 -0.14 0.00	20.32 -0.30 0.00	23.69 -0.03 0.00	21.50 -0.03 0.00	22.88 -0.31 0.00	25.66 -0.96 0.00	26.86 -1.49 2.48	0.70 -1.90 30.59	7.51 -1.45 26.18	5.15 -1.62 35.33	34.73 -0.70 13.44	8.32 -1.57 38.44	4.90 -2.26 35.87	-1.20 -1.48 27.68	11.12 -2.20 26.04	30.84 -1.54 11.99	39.80 -0.21 0.00	33.24 0.33 0.00	30.33 0.55 0.00	32.08 0.57 0.00

BLACKRVR_115KV_TB2 79977	26.62 0.17 0.00	25.17 0.07 0.00	22.72 -0.02 0.00	21.43 -0.19 0.00	19.69 -0.14 0.00	20.32 -0.30 0.00	23.69 -0.03 0.00	21.50 -0.04 0.00	22.88 -0.31 0.00	25.66 -0.95 0.00	26.86 -1.49 2.48	0.71 -1.90 30.59	7.51 -1.45 26.18	5.15 -1.62 35.33	34.73 -0.70 13.44	8.32 -1.56 38.44	4.91 -2.26 35.87	-1.20 -1.48 27.68	11.12 -2.20 26.04	30.84 -1.53 11.99	39.80 -0.21 0.00	33.24 0.33 0.00	30.33 0.55 0.00	32.08 0.57 0.00
BLISS_WT_PWR 323608	26.95 0.49 0.00	25.55 0.46 0.00	22.47 -0.27 0.00	21.09 -0.53 0.00	19.10 -0.73 0.00	20.22 -0.40 0.00	23.20 -0.40 0.13	20.99 -0.54 0.00	23.01 -0.17 0.00	26.34 -0.27 0.00	30.51 -0.33 0.00	31.26 -1.04 0.89	25.37 -1.90 7.86	34.60 -2.35 5.15	42.24 -2.44 4.19	42.65 -2.03 3.64	42.47 -1.64 -1.07	33.02 -0.72 -5.78	39.43 -0.98 -1.06	43.14 -1.23 0.00	39.48 -0.53 0.00	32.82 -0.09 0.00	29.88 0.09 0.00	31.88 0.37 0.00
BLUE_CIRC_CHEM_DRP 24182	27.24 0.78 0.00	25.93 0.84 0.00	23.60 0.86 0.00	22.46 0.84 0.00	20.60 0.77 0.00	21.39 0.77 0.00	24.57 0.85 0.00	23.02 0.72 -0.76	24.77 0.72 -0.86	28.32 1.71 0.00	33.37 2.54 0.00	35.70 2.52 0.00	36.70 1.56 0.00	43.45 1.36 0.00	50.37 1.51 0.00	49.84 1.52 0.00	64.30 1.51 -19.76	90.59 0.99 -61.64	51.99 1.33 -11.30	45.85 1.49 0.00	41.36 1.16 -0.19	36.61 0.82 -2.88	31.95 0.71 -1.45	32.67 0.84 -0.33
BOC_GAS_DRP 24189	27.10 0.65 0.00	25.79 0.69 0.00	23.47 0.73 0.00	22.32 0.71 0.00	20.48 0.65 0.00	21.25 0.63 0.00	24.42 0.70 0.00	22.96 0.61 -0.82	24.74 0.63 -0.92	27.42 0.80 0.00	31.79 0.95 0.00	34.20 1.01 0.00	36.23 1.09 0.00	43.40 1.31 0.00	50.32 1.46 0.00	49.80 1.47 0.00	63.91 1.46 -19.42	88.90 0.94 -60.01	51.63 1.27 -11.00	45.72 1.36 0.00	41.26 1.04 -0.21	36.68 0.72 -3.05	31.96 0.64 -1.53	32.59 0.73 -0.35
BOONVILLE_115KV_TB1 79983	26.96 0.51 0.00	25.53 0.44 0.00	23.10 0.36 0.00	21.88 0.27 0.00	20.09 0.26 0.00	20.89 0.27 0.00	24.12 0.40 0.00	21.89 0.36 0.00	23.54 0.35 0.00	26.85 0.23 0.00	32.55 0.15 -1.57	52.72 0.20 -19.33	52.10 0.42 -16.54	65.01 0.60 -22.32	58.67 0.94 -8.86	74.34 0.83 -25.19	66.50 0.61 -22.86	46.87 0.35 -18.56	56.09 0.28 -16.46	52.49 0.55 -7.58	40.78 0.77 0.00	33.64 0.73 0.00	30.48 0.69 0.00	32.19 0.68 0.00
BORALEX_4TH_BRANCH 23824	27.62 1.17 0.00	26.37 1.28 0.00	24.04 1.31 0.00	22.90 1.28 0.00	21.00 1.17 0.00	21.80 1.18 0.00	25.10 1.38 0.00	23.60 1.14 -0.92	25.37 1.14 -1.05	27.95 1.33 0.00	32.27 1.44 0.00	34.93 1.74 0.00	37.04 1.90 0.00	44.41 2.32 0.00	51.28 2.41 0.00	50.62 2.29 0.00	72.96 2.26 -27.67	114.88 1.44 -85.49	57.04 2.01 -15.68	46.68 2.31 0.00	42.13 1.88 -0.23	37.83 1.46 -3.46	32.75 1.23 -1.74	33.21 1.31 -0.40
BOWLINE___1 23526	27.86 1.41 0.00	26.49 1.40 0.00	24.06 1.32 0.00	22.83 1.21 0.00	20.94 1.11 0.00	21.69 1.07 0.00	24.99 1.28 0.00	17.60 1.25 5.19	18.65 1.32 5.86	28.31 1.70 0.00	33.07 2.23 0.00	35.69 2.50 0.00	37.81 2.67 0.00	45.17 3.08 0.00	52.53 3.66 0.00	52.13 3.81 0.00	57.03 3.62 -10.37	62.38 2.37 -32.05	48.43 3.19 -5.88	47.57 3.21 0.00	41.53 2.66 1.15	17.95 1.98 16.93	23.07 1.79 8.51	31.49 1.91 1.93
BOWLINE___2 23595	27.90 1.44 0.00	26.51 1.41 0.00	24.07 1.33 0.00	22.84 1.22 0.00	20.95 1.12 0.00	21.70 1.08 0.00	25.00 1.28 0.00	17.61 1.28 5.20	18.68 1.37 5.87	28.36 1.74 0.00	33.13 2.30 0.00	35.75 2.56 0.00	37.87 2.74 0.00	45.24 3.15 0.00	52.63 3.76 0.00	52.22 3.90 0.00	57.12 3.71 -10.37	62.43 2.42 -32.05	48.50 3.27 -5.88	47.66 3.30 0.00	41.60 2.75 1.15	18.00 2.03 16.94	23.11 1.84 8.51	31.53 1.96 1.93
BRADY___115KV_TB2 356060	26.54 0.08 0.00	25.06 -0.03 0.00	22.67 -0.07 0.00	21.53 -0.09 0.00	19.75 -0.08 0.00	20.54 -0.07 0.00	23.66 -0.06 0.00	21.41 -0.12 0.00	23.05 -0.14 0.00	26.38 -0.23 0.00	29.07 -0.50 1.27	17.06 -0.52 15.61	21.29 -0.49 13.36	23.62 -0.45 18.03	42.09 -0.58 6.19	29.65 -0.69 17.99	24.46 -0.79 17.78	15.87 -0.56 11.53	25.43 -0.64 13.29	37.61 -0.63 6.12	39.72 -0.28 0.00	32.90 -0.01 0.00	29.80 0.01 0.00	31.44 -0.06 0.00
BRANSCOMB___SOLAR 323811	27.91 1.45 0.00	26.57 1.47 0.00	24.16 1.42 0.00	22.98 1.36 0.00	21.07 1.25 0.00	21.91 1.30 0.00	25.27 1.55 0.00	23.73 1.38 -0.82	25.55 1.44 -0.93	28.32 1.70 0.00	32.75 1.91 0.00	35.29 2.10 0.00	37.45 2.32 0.00	44.96 2.86 0.00	52.09 3.23 0.00	51.74 3.41 0.00	79.83 3.38 -33.41	133.43 2.24 -103.23	61.47 3.18 -18.93	47.74 3.37 0.00	43.08 2.86 -0.21	38.03 2.05 -3.07	33.06 1.73 -1.54	33.61 1.76 -0.35
BRENTWOD_69_KV_W. BRTWOOD 56703	28.91 2.45 0.00	27.46 2.36 0.00	24.96 2.22 0.00	23.59 1.97 0.00	21.66 1.83 0.00	22.45 1.83 0.00	25.75 2.03 0.00	27.07 1.95 -3.59	29.33 2.09 -4.06	28.98 2.36 0.00	34.32 3.40 -0.09	36.93 3.73 0.00	38.97 3.83 0.00	46.46 4.37 0.00	54.82 5.48 -0.47	53.58 5.26 0.00	59.05 4.97 -11.04	91.13 3.30 -59.88	109.17 4.53 -65.28	57.57 4.46 -8.75	76.38 3.92 -32.45	50.77 2.72 -15.14	39.71 2.77 -7.15	36.85 3.40 -1.95
BRISTLHL_115KV_TB1 79998	25.92 -0.53 0.00	24.57 -0.52 0.00	22.24 -0.50 0.00	21.16 -0.46 0.00	19.43 -0.40 0.00	20.22 -0.40 0.00	23.26 -0.46 0.00	21.16 -0.38 0.00	22.76 -0.43 0.00	26.04 -0.58 0.00	29.96 -0.68 0.19	30.04 -0.73 2.41	32.38 -0.69 2.07	38.41 -0.90 2.79	46.91 -0.85 1.10	44.15 -1.04 3.14	39.19 -1.03 2.82	25.17 -0.61 2.18	36.43 -0.88 2.05	42.43 -0.99 0.94	39.15 -0.86 0.00	32.23 -0.68 0.00	29.18 -0.60 0.00	30.89 -0.62 0.00
BROOKHAVEN___DRP 24191	28.72 2.26 0.00	27.27 2.17 0.00	24.79 2.05 0.00	23.43 1.82 0.00	21.50 1.68 0.00	22.28 1.67 0.00	25.55 1.83 0.00	26.88 1.76 -3.59	29.14 1.89 -4.06	28.70 2.09 0.00	34.17 3.25 -0.09	36.76 3.57 0.00	38.85 3.71 0.00	46.56 4.46 0.00	56.22 5.51 -1.85	53.87 5.33 -0.22	59.24 5.07 -11.13	91.19 3.35 -59.88	115.48 4.61 -71.50	62.95 4.58 -14.00	83.10 4.05 -39.05	50.47 2.76 -14.80	39.47 2.64 -7.04	36.64 3.19 -1.95
BROOKLYN_NAVY_YARD 23515	28.31 1.86 0.00	26.86 1.77 0.00	24.37 1.63 0.00	23.12 1.50 0.00	21.22 1.39 0.00	21.98 1.36 0.00	25.34 1.62 0.00	26.78 1.63 -3.62	29.07 1.79 -4.09	28.85 2.23 0.00	33.64 2.81 0.00	36.32 3.13 0.00	38.45 3.31 0.00	45.94 3.84 0.00	53.41 4.54 0.00	52.95 4.63 0.00	58.20 4.37 -10.80	64.14 2.83 -33.36	49.31 3.83 -6.12	48.30 3.93 0.00	44.13 3.28 -0.85	47.86 2.45 -12.49	38.33 2.26 -6.28	35.37 2.44 -1.43
BROOKLYN___ARMY_DRP 323595	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43

BROOKVLE_69_KV_TB1 55790	28.69 2.24 0.00	27.23 2.13 0.00	24.72 1.98 0.00	23.42 1.80 0.00	21.48 1.66 0.00	22.26 1.65 0.00	25.62 1.90 0.00	26.98 1.86 -3.59	29.27 2.02 -4.06	29.07 2.45 0.00	34.31 3.39 -0.09	36.90 3.71 0.00	39.08 3.95 0.00	46.69 4.59 0.00	54.79 5.46 -0.47	53.72 5.39 0.00	59.16 5.09 -11.04	91.17 3.34 -59.88	109.17 4.53 -65.28	57.76 4.65 -8.75	76.53 4.08 -32.45	58.17 3.01 -22.24	42.00 2.73 -9.48	36.47 3.01 -1.95
BROOME_2_LFGE 323671	26.90 0.45 0.00	25.51 0.41 0.00	22.95 0.21 0.00	21.79 0.17 0.00	19.99 0.16 0.00	20.87 0.25 0.00	24.09 0.37 0.00	21.89 0.36 0.00	23.58 0.39 0.00	27.10 0.49 0.00	31.43 0.60 0.00	33.80 0.61 0.00	35.73 0.59 0.00	42.81 0.72 0.00	49.76 0.89 0.00	49.28 0.95 0.00	47.50 0.80 -3.67	39.87 0.57 -11.35	42.20 0.76 -2.08	44.98 0.62 0.00	40.62 0.61 0.00	33.40 0.49 0.00	30.23 0.44 0.00	32.01 0.50 0.00
BROOME___LFGE 323600	26.90 0.45 0.00	25.51 0.41 0.00	22.95 0.21 0.00	21.79 0.17 0.00	19.99 0.16 0.00	20.87 0.25 0.00	24.09 0.37 0.00	21.89 0.36 0.00	23.58 0.39 0.00	27.10 0.49 0.00	31.43 0.60 0.00	33.80 0.61 0.00	35.73 0.59 0.00	42.81 0.72 0.00	49.76 0.89 0.00	49.28 0.95 0.00	47.50 0.80 -3.67	39.87 0.57 -11.35	42.20 0.76 -2.08	44.98 0.62 0.00	40.62 0.61 0.00	33.40 0.49 0.00	30.23 0.44 0.00	32.01 0.50 0.00
BROWNFLS_115KV_TB_3_5 80003	26.22 -0.24 0.00	24.77 -0.33 0.00	22.39 -0.36 0.00	21.18 -0.44 0.00	19.44 -0.38 0.00	20.09 -0.52 0.00	23.23 -0.49 0.00	21.02 -0.51 0.00	22.53 -0.66 0.00	25.57 -1.04 0.00	26.57 -1.58 2.69	-1.70 -1.79 33.10	5.05 -1.76 28.33	1.83 -2.05 38.23	33.14 -1.93 13.80	6.53 -2.02 39.78	2.30 -2.12 38.61	-1.99 -1.43 28.51	9.08 -2.10 28.18	29.44 -1.95 12.98	38.91 -1.10 0.00	32.40 -0.51 0.00	29.49 -0.30 0.00	31.15 -0.36 0.00
BROWNSV1_27_KV_LOAD 356125	28.74 2.29 0.00	27.26 2.16 0.00	24.71 1.97 0.00	23.43 1.81 0.00	21.50 1.67 0.00	22.28 1.66 0.00	25.69 1.97 0.00	27.12 1.96 -3.62	29.44 2.16 -4.09	29.30 2.68 0.00	34.18 3.35 0.00	36.90 3.71 0.00	39.09 3.95 0.00	46.72 4.63 0.00	54.33 5.47 0.00	53.84 5.52 0.00	58.98 5.15 -10.80	64.67 3.35 -33.36	50.05 4.57 -6.12	49.09 4.72 0.00	44.87 4.01 -0.85	48.44 3.03 -12.49	38.82 2.76 -6.28	35.90 2.97 -1.43
BURROWS___LYONSDAL 23803	26.85 0.40 0.00	25.42 0.32 0.00	22.99 0.24 0.00	21.74 0.12 0.00	19.97 0.15 0.00	20.71 0.09 0.00	23.93 0.21 0.00	21.70 0.16 0.00	23.27 0.08 0.00	26.45 -0.16 0.00	33.12 -0.38 -2.68	65.73 -0.42 -32.97	63.11 -0.24 -28.21	79.97 -0.20 -38.07	64.50 0.16 -15.47	92.25 0.07 -43.86	81.85 -0.15 -38.97	59.71 -0.14 -31.89	66.93 -0.19 -28.07	57.11 -0.19 -12.93	40.33 0.32 0.00	33.41 0.50 0.00	30.34 0.56 0.00	32.06 0.55 0.00
CAITHNESS_CC_1 323624	28.67 2.21 0.00	27.24 2.15 0.00	24.78 2.04 0.00	23.42 1.80 0.00	21.49 1.66 0.00	22.27 1.65 0.00	25.53 1.81 0.00	26.86 1.73 -3.59	29.10 1.86 -4.06	28.67 2.06 0.00	34.12 3.20 -0.09	36.68 3.49 0.00	38.76 3.62 0.00	46.44 4.33 0.00	56.00 5.34 -1.79	53.72 5.19 -0.21	59.11 4.94 -11.14	91.10 3.26 -59.88	115.09 4.49 -71.24	62.60 4.45 -13.79	82.71 3.92 -38.77	50.37 2.67 -14.79	39.38 2.57 -7.03	36.58 3.13 -1.95
CALPINE BETH_PAGE_GT4 24209	28.64 2.18 0.00	27.19 2.10 0.00	24.77 2.03 0.00	23.44 1.82 0.00	21.51 1.69 0.00	22.29 1.67 0.00	25.61 1.89 0.00	26.95 1.82 -3.59	29.14 1.89 -4.06	28.84 2.22 0.00	34.16 3.24 -0.09	36.70 3.51 0.00	38.81 3.67 0.00	46.36 4.26 0.00	54.55 5.21 -0.47	53.41 5.08 0.00	58.90 4.82 -11.04	91.02 3.19 -59.88	108.98 4.34 -65.28	57.44 4.33 -8.75	76.22 3.77 -32.45	55.08 2.74 -19.43	40.93 2.59 -8.55	36.46 3.01 -1.95
CALPINE_BETH_PAGE_GT_4 323586	28.64 2.18 0.00	27.19 2.10 0.00	24.77 2.03 0.00	23.44 1.82 0.00	21.51 1.69 0.00	22.28 1.67 0.00	25.61 1.89 0.00	26.95 1.82 -3.59	29.14 1.89 -4.06	28.84 2.22 0.00	34.16 3.24 -0.09	36.69 3.50 0.00	38.79 3.65 0.00	46.35 4.26 0.00	54.55 5.21 -0.47	53.41 5.08 0.00	58.90 4.82 -11.05	91.02 3.19 -59.88	108.98 4.35 -65.28	57.44 4.33 -8.75	76.23 3.77 -32.45	55.08 2.74 -19.43	40.93 2.59 -8.55	36.46 3.01 -1.95
CALPINE_BP_GT1 23823	28.64 2.18 0.00	27.19 2.10 0.00	24.77 2.03 0.00	23.44 1.82 0.00	21.51 1.69 0.00	22.28 1.67 0.00	25.61 1.89 0.00	26.95 1.82 -3.59	29.14 1.89 -4.06	28.84 2.22 0.00	34.16 3.24 -0.09	36.69 3.50 0.00	38.79 3.65 0.00	46.35 4.26 0.00	54.55 5.21 -0.47	53.41 5.08 0.00	58.90 4.82 -11.05	91.02 3.19 -59.88	108.98 4.35 -65.28	57.44 4.33 -8.75	76.23 3.77 -32.45	55.08 2.74 -19.43	40.93 2.59 -8.55	36.46 3.01 -1.95
CALSPAN___DRP 24200	26.88 0.43 0.00	25.31 0.22 0.00	22.31 -0.43 0.00	21.14 -0.48 0.00	19.21 -0.62 0.00	20.25 -0.36 0.00	23.21 -0.31 0.21	21.20 -0.33 0.00	23.18 -0.01 0.00	26.56 -0.05 0.00	30.67 -0.16 0.00	31.08 -0.66 1.45	21.39 -0.91 12.84	32.33 -1.38 8.38	40.60 -1.47 6.81	40.85 -1.55 5.92	42.05 -1.41 -0.42	32.56 -0.71 -5.31	39.22 -1.11 -0.97	42.83 -1.54 0.00	39.12 -0.89 0.00	32.53 -0.37 0.00	29.67 -0.12 0.00	31.70 0.19 0.00
CALVERTON___SOLAR 323806	28.81 2.35 0.00	27.35 2.26 0.00	24.86 2.12 0.00	23.49 1.87 0.00	21.55 1.73 0.00	22.34 1.72 0.00	25.62 1.90 0.00	26.96 1.83 -3.59	29.22 1.98 -4.06	28.78 2.17 0.00	34.30 3.37 -0.09	36.91 3.72 0.00	38.98 3.84 0.00	46.78 4.67 0.00	56.50 5.76 -1.87	54.14 5.59 -0.22	59.48 5.30 -11.14	91.34 3.50 -59.89	115.79 4.83 -71.60	63.26 4.82 -14.08	83.44 4.28 -39.15	50.65 2.94 -14.80	39.61 2.79 -7.04	36.78 3.33 -1.95
CANDIGU_WT_PWR 323617	26.80 0.34 0.00	25.34 0.24 0.00	22.53 -0.21 0.00	21.20 -0.42 0.00	19.22 -0.61 0.00	20.18 -0.44 0.00	22.18 -0.38 1.16	21.15 -0.38 0.01	22.83 -0.35 0.00	26.23 -0.39 0.00	30.29 -0.54 0.00	24.27 -0.76 8.16	-38.27 -0.88 72.53	-6.57 -1.44 47.23	9.02 -1.57 38.28	13.50 -1.54 33.29	36.79 -1.28 4.97	34.80 -0.45 -7.28	40.29 -0.40 -1.34	43.81 -0.56 0.00	40.01 0.00 0.00	33.07 0.16 0.00	30.01 0.22 0.00	31.93 0.42 0.00
CARR STREET_E__SYR 24060	26.31 -0.14 0.00	24.89 -0.21 0.00	22.49 -0.25 0.00	21.39 -0.23 0.00	19.63 -0.20 0.00	20.45 -0.17 0.00	23.54 -0.19 0.00	21.41 -0.13 0.00	23.03 -0.16 0.00	26.36 -0.25 0.00	30.57 -0.26 0.00	32.94 -0.25 0.00	34.99 -0.15 0.00	41.79 -0.31 0.00	48.54 -0.33 0.00	47.92 -0.41 0.00	42.60 -0.43 0.00	27.73 -0.23 0.00	38.98 -0.38 0.00	43.86 -0.51 0.00	39.58 -0.43 0.00	32.55 -0.36 0.00	29.45 -0.34 0.00	31.17 -0.34 0.00
CARTHAGE___PAPER 23857	26.72 0.27 0.00	25.26 0.16 0.00	22.80 0.07 0.00	21.52 -0.10 0.00	19.78 -0.05 0.00	20.40 -0.21 0.00	23.73 0.01 0.00	21.50 -0.03 0.00	22.90 -0.29 0.00	25.71 -0.90 0.00	26.49 -1.42 2.92	-4.60 -1.78 36.00	2.82 -1.50 30.81	-1.15 -1.67 41.58	32.20 -0.84 15.82	1.63 -1.44 45.26	-1.15 -1.97 42.22	-5.94 -1.30 32.59	6.69 -2.03 30.65	28.83 -1.41 14.12	39.79 -0.21 0.00	33.24 0.33 0.00	30.34 0.55 0.00	32.07 0.57 0.00

CASSADAGA_WT_PWR 323784	27.34 0.89 0.00	25.65 0.56 0.00	21.97 -0.77 0.00	20.58 -1.04 0.00	18.68 -1.15 0.00	19.63 -0.98 0.00	22.68 -0.87 0.16	20.94 -0.60 0.00	22.86 -0.33 0.00	26.26 -0.36 0.00	30.44 -0.39 0.00	31.04 -1.00 1.15	24.05 -0.84 10.25	34.41 -0.98 6.70	42.34 -1.09 5.44	42.56 -1.04 4.73	43.11 -0.70 -0.77	33.53 -0.04 -5.61	40.48 0.10 -1.03	44.11 -0.26 0.00	40.69 0.68 0.00	33.70 0.78 0.00	30.64 0.85 0.00	32.75 1.24 0.00
CE_DUNWOOD___DRP 24194	28.15 1.69 0.00	26.73 1.63 0.00	24.26 1.52 0.00	23.02 1.40 0.00	21.11 1.29 0.00	21.88 1.26 0.00	25.21 1.49 0.00	26.86 1.48 -3.85	29.14 1.61 -4.35	28.63 2.01 0.00	33.43 2.60 0.00	36.08 2.89 0.00	38.22 3.08 0.00	45.66 3.57 0.00	53.10 4.24 0.00	52.65 4.32 0.00	57.87 4.07 -10.77	63.87 2.65 -33.27	49.05 3.60 -6.10	48.03 3.67 0.00	44.02 3.08 -0.93	48.85 2.30 -13.65	38.72 2.08 -6.86	35.30 2.23 -1.56
CE_MILLWOOD___DRP 24193	28.07 1.62 0.00	26.66 1.57 0.00	24.20 1.46 0.00	22.97 1.35 0.00	21.06 1.23 0.00	21.83 1.21 0.00	25.15 1.43 0.00	26.97 1.41 -4.02	29.26 1.53 -4.54	28.54 1.92 0.00	33.33 2.49 0.00	35.97 2.78 0.00	38.11 2.97 0.00	45.53 3.44 0.00	52.95 4.08 0.00	52.50 4.17 0.00	57.69 3.94 -10.71	63.63 2.56 -33.10	48.91 3.48 -6.07	47.91 3.54 0.00	47.50 2.97 -4.51	101.71 2.21 -66.59	65.25 2.00 -33.47	41.25 2.14 -7.60
CE_NYC2_DRP 24202	28.32 1.87 0.00	26.89 1.79 0.00	24.41 1.67 0.00	23.15 1.54 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.37 1.65 0.00	26.80 1.64 -3.62	29.07 1.79 -4.09	28.83 2.21 0.00	33.65 2.82 0.00	36.29 3.10 0.00	38.42 3.28 0.00	45.87 3.77 0.00	53.30 4.44 0.00	52.76 4.44 0.00	58.04 4.21 -10.79	64.04 2.72 -33.35	49.16 3.68 -6.11	48.14 3.78 0.01	44.06 3.21 -0.84	47.80 2.41 -12.48	38.29 2.23 -6.28	35.31 2.38 -1.43
CE_NYC_DRP 24195	28.34 1.89 0.00	26.89 1.80 0.00	24.41 1.67 0.00	23.15 1.53 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.37 1.65 0.00	26.81 1.66 -3.62	29.11 1.83 -4.09	28.91 2.29 0.00	33.73 2.90 0.00	36.40 3.21 0.00	38.55 3.42 0.00	46.06 3.97 0.00	53.56 4.69 0.00	53.09 4.76 0.00	58.29 4.46 -10.80	64.22 2.91 -33.36	49.40 3.93 -6.12	48.37 4.01 0.00	44.21 3.36 -0.85	47.91 2.50 -12.49	38.35 2.29 -6.28	35.41 2.48 -1.43
CHAFFEE___LFGE 323603	27.04 0.58 0.00	25.44 0.35 0.00	22.44 -0.30 0.00	21.26 -0.35 0.00	19.36 -0.47 0.00	20.40 -0.22 0.00	23.42 -0.13 0.17	21.38 -0.15 0.00	23.36 0.18 0.00	26.78 0.16 0.00	30.95 0.12 0.00	31.70 -0.32 1.16	24.34 -0.48 10.32	34.43 -0.91 6.75	42.44 -0.95 5.48	42.54 -1.02 4.77	42.83 -0.95 -0.74	33.10 -0.41 -5.55	39.65 -0.72 -1.02	43.24 -1.13 0.00	39.48 -0.53 0.00	32.81 -0.10 0.00	29.90 0.11 0.00	31.91 0.40 0.00
CHATEAUG_35_KV_LOAD 355732	27.21 0.76 0.00	25.63 0.54 0.00	23.11 0.37 0.00	21.89 0.27 0.00	20.05 0.22 0.00	20.83 0.21 0.00	23.99 0.27 0.00	21.71 0.18 0.00	23.40 0.22 0.00	26.85 0.24 0.00	29.20 -0.60 1.04	19.82 -0.54 12.83	23.27 -0.89 10.98	25.67 -1.61 14.82	27.64 -2.64 18.58	-1.82 -2.28 47.86	27.19 -1.37 14.47	5.90 -1.19 20.87	27.72 -0.72 10.92	37.94 -1.39 5.03	38.98 -1.02 0.00	32.85 -0.06 0.00	29.82 0.03 0.00	31.66 0.15 0.00
CHATEAUG_WT_PWR 323614	27.25 0.80 0.00	25.67 0.58 0.00	23.14 0.40 0.00	21.93 0.31 0.00	20.07 0.25 0.00	20.86 0.24 0.00	24.02 0.30 0.00	21.74 0.20 0.00	23.42 0.23 0.00	26.89 0.28 0.00	29.27 -0.59 0.97	20.68 -0.51 11.99	24.01 -0.87 10.26	26.62 -1.63 13.85	28.82 -2.72 17.33	1.25 -2.43 44.64	28.12 -1.45 13.47	7.43 -1.25 19.27	28.44 -0.71 10.21	38.26 -1.40 4.70	38.95 -1.06 0.00	32.81 -0.10 0.00	29.81 0.02 0.00	31.70 0.20 0.00
CHAT_HIGH_FALL_HYD 323578	27.21 0.76 0.00	25.63 0.54 0.00	23.11 0.37 0.00	21.89 0.27 0.00	20.05 0.22 0.00	20.83 0.22 0.00	23.99 0.27 0.00	21.71 0.18 0.00	23.40 0.22 0.00	26.85 0.24 0.00	29.19 -0.60 1.04	19.81 -0.54 12.83	23.27 -0.89 10.98	25.67 -1.61 14.82	27.64 -2.64 18.58	-1.82 -2.28 47.86	27.19 -1.37 14.47	5.90 -1.19 20.87	27.72 -0.72 10.92	37.94 -1.40 5.03	38.99 -1.02 0.00	32.85 -0.06 0.00	29.82 0.03 0.00	31.66 0.15 0.00
CHAUTAUQUA___LFGE 323629	27.15 0.69 0.00	25.56 0.47 0.00	22.25 -0.49 0.00	20.98 -0.64 0.00	19.10 -0.73 0.00	20.10 -0.52 0.00	23.15 -0.38 0.19	21.25 -0.28 0.00	23.18 0.00 0.00	26.63 0.01 0.00	30.82 -0.01 0.00	31.38 -0.47 1.34	22.64 -0.63 11.86	33.49 -0.86 7.75	41.72 -0.85 6.29	42.02 -0.84 5.47	42.90 -0.72 -0.58	33.30 -0.17 -5.51	40.14 -0.23 -1.01	43.72 -0.65 0.00	40.09 0.08 0.00	33.23 0.33 0.00	30.25 0.47 0.00	32.29 0.79 0.00
CHERRYST_13_KV_LD 356241	28.44 1.99 0.00	26.99 1.89 0.00	24.48 1.74 0.00	23.22 1.60 0.00	21.32 1.49 0.00	22.09 1.47 0.00	25.48 1.76 0.00	26.92 1.76 -3.62	29.22 1.95 -4.09	29.05 2.44 0.00	33.90 3.07 0.00	36.59 3.40 0.00	38.76 3.62 0.00	46.32 4.22 0.00	53.84 4.98 0.00	53.35 5.03 0.00	58.55 4.72 -10.80	64.37 3.06 -33.36	49.61 4.13 -6.12	48.58 4.21 0.00	44.39 3.54 -0.85	48.05 2.65 -12.49	38.48 2.41 -6.28	35.53 2.59 -1.43
CHESTROR_138KV_BK263 355645	27.75 1.29 0.00	26.37 1.27 0.00	23.92 1.18 0.00	22.71 1.09 0.00	20.82 0.99 0.00	21.58 0.97 0.00	24.87 1.15 0.00	19.51 1.13 3.16	20.84 1.22 3.56	28.17 1.55 0.00	32.84 2.01 0.00	35.43 2.25 0.00	37.56 2.42 0.00	44.89 2.79 0.00	52.19 3.32 0.00	51.78 3.46 0.00	56.13 3.29 -9.81	60.42 2.16 -30.31	47.84 2.92 -5.56	47.35 2.98 0.00	41.70 2.48 0.79	23.15 1.86 11.62	25.60 1.66 5.84	31.93 1.75 1.33
CH_MIDHUDSON___DRP 24192	28.03 1.57 0.00	26.62 1.52 0.00	24.17 1.43 0.00	22.95 1.33 0.00	21.04 1.21 0.00	21.80 1.18 0.00	25.13 1.41 0.00	23.79 1.40 -0.86	25.69 1.53 -0.97	28.52 1.90 0.00	33.25 2.41 0.00	35.91 2.72 0.00	38.10 2.97 0.00	45.58 3.48 0.00	52.95 4.08 0.00	52.43 4.11 0.00	58.08 3.87 -11.17	65.02 2.54 -34.53	49.14 3.45 -6.33	47.92 3.56 0.00	43.15 2.94 -0.20	38.08 2.21 -2.96	33.21 1.94 -1.49	33.87 2.03 -0.34
CH_MISC_IPPS 23765	28.21 1.76 0.00	26.79 1.69 0.00	24.31 1.56 0.00	23.07 1.45 0.00	21.15 1.32 0.00	21.92 1.30 0.00	25.27 1.55 0.00	23.11 1.58 0.00	24.93 1.74 0.00	28.79 2.17 0.00	33.57 2.73 0.00	36.27 3.08 0.00	38.50 3.36 0.00	46.05 3.95 0.00	53.52 4.66 0.00	52.97 4.65 0.00	58.32 4.35 -10.93	64.61 2.88 -33.77	49.49 3.93 -6.19	48.42 4.06 0.00	43.39 3.38 0.00	35.45 2.54 0.00	32.01 2.23 0.00	33.82 2.32 0.00
CH_RES_BVR_FALLS 23983	26.30 -0.16 0.00	24.90 -0.20 0.00	22.54 -0.20 0.00	21.43 -0.20 0.00	19.65 -0.18 0.00	20.44 -0.18 0.00	23.52 -0.20 0.00	21.31 -0.22 0.00	22.97 -0.22 0.00	26.34 -0.28 0.00	29.95 -0.40 0.49	26.74 -0.43 6.02	29.52 -0.47 5.15	34.60 -0.55 6.95	45.40 -0.72 2.76	39.78 -0.71 7.84	35.74 -0.64 6.65	23.51 -0.44 4.01	33.71 -0.52 5.12	41.46 -0.55 2.36	39.57 -0.44 0.00	32.65 -0.26 0.00	29.57 -0.22 0.00	31.25 -0.26 0.00

CH_RES_NIAGARA 23895	26.08 -0.37 0.00	24.55 -0.54 0.00	21.66 -1.08 0.00	20.56 -1.06 0.00	18.71 -1.12 0.00	19.74 -0.88 0.00	22.62 -0.94 0.16	20.57 -0.97 0.00	22.54 -0.64 0.00	25.76 -0.85 0.00	29.70 -1.14 0.00	30.17 -1.90 1.12	23.25 -1.97 9.92	32.55 -3.06 6.48	40.03 -3.56 5.27	40.07 -3.68 4.58	40.33 -3.25 -0.55	30.86 -1.91 -4.82	37.34 -2.91 -0.88	40.81 -3.56 0.00	37.36 -2.65 0.00	31.19 -1.72 0.00	28.64 -1.15 0.00	30.71 -0.80 0.00
CH_RES_SYRACUSE 23985	26.53 0.08 0.00	24.90 -0.20 0.00	22.52 -0.21 0.00	21.44 -0.18 0.00	19.66 -0.17 0.00	20.49 -0.12 0.00	23.58 -0.14 0.00	21.44 -0.09 0.00	23.08 -0.10 0.00	26.46 -0.15 0.00	30.69 -0.14 0.00	33.21 0.02 0.00	35.85 0.71 0.00	42.33 0.23 0.00	48.87 0.00 0.00	48.13 -0.19 0.00	42.80 -0.23 0.00	27.86 -0.10 0.00	39.20 -0.16 0.00	44.16 -0.21 0.00	39.84 -0.16 0.00	32.74 -0.17 0.00	29.63 -0.16 0.00	31.32 -0.19 0.00
CLINTON_WT_PWR 323605	27.25 0.80 0.00	25.67 0.58 0.00	23.14 0.40 0.00	21.93 0.31 0.00	20.07 0.25 0.00	20.86 0.24 0.00	24.02 0.30 0.00	21.74 0.20 0.00	23.42 0.23 0.00	26.89 0.28 0.00	29.27 -0.59 0.97	20.68 -0.51 11.99	24.01 -0.87 10.26	26.62 -1.63 13.85	28.82 -2.72 17.33	1.25 -2.43 44.64	28.12 -1.45 13.47	7.43 -1.25 19.27	28.44 -0.71 10.21	38.26 -1.40 4.70	38.95 -1.06 0.00	32.81 -0.10 0.00	29.81 0.02 0.00	31.70 0.20 0.00
CLINTON___LFGE 323618	27.58 1.12 0.00	25.97 0.87 0.00	23.40 0.65 0.00	22.16 0.54 0.00	20.28 0.46 0.00	21.08 0.46 0.00	24.30 0.59 0.00	22.00 0.47 0.00	23.71 0.52 0.00	27.20 0.58 0.00	29.60 -0.24 0.99	20.86 -0.12 12.21	24.22 -0.47 10.45	26.81 -1.19 14.10	28.96 -2.25 17.66	0.93 -1.91 45.48	28.42 -0.89 13.73	7.38 -0.89 19.69	28.78 -0.18 10.39	38.74 -0.83 4.79	39.50 -0.51 0.00	33.33 0.42 0.00	30.22 0.44 0.00	32.09 0.58 0.00
COBBLENY_34_KV_TB1 80064	27.04 0.59 0.00	25.44 0.35 0.00	22.44 -0.30 0.00	21.27 -0.34 0.00	19.36 -0.47 0.00	20.40 -0.22 0.00	23.42 -0.13 0.17	21.38 -0.15 0.00	23.36 0.17 0.00	26.78 0.16 0.00	30.95 0.11 0.00	31.69 -0.33 1.16	24.27 -0.54 10.32	34.42 -0.93 6.75	42.42 -0.96 5.48	42.53 -1.03 4.77	42.81 -0.97 -0.74	33.08 -0.42 -5.55	39.65 -0.73 -1.02	43.24 -1.12 0.00	39.48 -0.53 0.00	32.80 -0.11 0.00	29.89 0.10 0.00	31.90 0.40 0.00
COFFEEN___115KV_TB3 355620	26.74 0.29 0.00	25.27 0.18 0.00	22.82 0.07 0.00	21.52 -0.09 0.00	19.77 -0.06 0.00	20.43 -0.18 0.00	23.85 0.13 0.00	21.67 0.14 0.00	23.05 -0.14 0.00	25.82 -0.80 0.00	27.14 -1.29 2.40	1.88 -1.68 29.63	8.73 -1.05 25.36	6.68 -1.20 34.22	35.77 -0.08 13.02	9.92 -1.17 37.23	6.25 -2.04 34.75	-0.18 -1.33 26.81	12.19 -1.95 25.22	31.53 -1.22 11.62	40.17 0.16 0.00	33.55 0.64 0.00	30.59 0.80 0.00	32.32 0.82 0.00
COLDSPRG_115KV_BK1 355956	27.54 1.09 0.00	25.93 0.83 0.00	22.62 -0.12 0.00	21.34 -0.28 0.00	19.43 -0.40 0.00	20.45 -0.16 0.00	23.74 0.12 0.11	21.73 0.20 0.00	23.68 0.49 0.00	27.14 0.53 0.00	31.37 0.53 0.00	32.52 0.08 0.75	28.55 0.06 6.64	37.73 -0.02 4.35	45.37 0.04 3.54	45.25 0.01 3.08	44.21 -0.04 -1.21	33.99 0.19 -5.84	40.72 0.29 -1.07	44.30 -0.06 0.00	40.82 0.81 0.00	33.83 0.92 0.00	30.80 1.01 0.00	32.87 1.37 0.00
COLONIE_LFGE___ 323577	27.46 1.00 0.00	26.13 1.04 0.00	23.79 1.05 0.00	22.65 1.03 0.00	20.77 0.94 0.00	21.57 0.96 0.00	24.82 1.11 0.00	23.34 0.95 -0.85	25.15 1.00 -0.96	27.83 1.22 0.00	32.20 1.37 0.00	34.74 1.55 0.00	36.86 1.72 0.00	44.21 2.12 0.00	51.18 2.32 0.00	50.65 2.32 0.00	75.93 2.30 -30.61	123.99 1.48 -94.55	58.74 2.04 -17.34	46.58 2.22 0.00	42.02 1.79 -0.22	37.39 1.30 -3.18	32.48 1.09 -1.60	33.02 1.15 -0.36
COOPERNY_115KV_TB1 80082	27.42 0.97 0.00	26.05 0.96 0.00	23.62 0.88 0.00	22.43 0.81 0.00	20.57 0.74 0.00	21.34 0.73 0.00	24.58 0.86 0.00	21.20 0.85 1.18	22.76 0.91 1.34	27.77 1.16 0.00	32.35 1.52 0.00	34.89 1.70 0.00	36.98 1.84 0.00	44.21 2.11 0.00	51.37 2.51 0.00	50.93 2.61 0.00	52.91 2.47 -7.41	52.47 1.61 -22.90	45.76 2.20 -4.20	46.60 2.24 0.00	41.59 1.88 0.30	29.91 1.40 4.40	28.82 1.25 2.21	32.32 1.32 0.50
COPENHAGEN_WT_PWR 323753	26.56 0.11 0.00	25.11 0.02 0.00	22.67 -0.07 0.00	21.37 -0.25 0.00	19.62 -0.20 0.00	20.23 -0.39 0.00	23.57 -0.15 0.00	21.37 -0.16 0.00	22.74 -0.44 0.00	25.51 -1.10 0.00	26.85 -1.72 2.27	3.08 -2.19 27.93	9.40 -1.84 23.90	7.80 -2.05 32.25	35.42 -1.18 12.27	11.15 -2.08 35.10	7.64 -2.64 32.75	0.96 -1.73 25.27	13.03 -2.55 23.78	31.54 -1.88 10.95	39.53 -0.48 0.00	33.02 0.11 0.00	30.18 0.39 0.00	31.96 0.45 0.00
CORNELL___ 23752	27.22 0.76 0.00	25.69 0.60 0.00	23.16 0.42 0.00	21.99 0.37 0.00	20.16 0.33 0.00	21.05 0.44 0.00	24.36 0.57 -0.07	22.07 0.54 0.00	23.75 0.57 0.00	27.18 0.57 0.00	31.46 0.63 0.00	34.45 0.74 -0.52	40.73 1.01 -4.58	46.11 1.11 -2.91	52.38 1.19 -2.32	51.69 1.35 -2.01	47.19 1.22 -2.93	36.42 0.78 -7.68	41.91 1.14 -1.41	45.63 1.27 0.00	41.26 1.24 0.00	33.89 0.98 0.00	30.64 0.85 0.00	32.34 0.84 0.00
CORONA_AV_69_KV_TB1 355595	28.76 2.30 0.00	27.27 2.17 0.00	24.76 2.02 0.00	23.44 1.82 0.00	21.51 1.69 0.00	22.29 1.67 0.00	25.63 1.91 0.00	26.96 1.84 -3.59	29.20 1.95 -4.06	28.94 2.32 0.00	34.18 3.26 -0.09	36.72 3.53 0.00	38.83 3.70 0.00	46.41 4.32 0.00	54.61 5.27 -0.47	53.65 5.32 0.00	59.05 4.97 -11.04	91.09 3.26 -59.88	109.09 4.45 -65.28	57.59 4.48 -8.75	76.33 3.88 -32.45	77.84 2.89 -42.05	48.46 2.70 -15.97	36.45 3.00 -1.95
CORTLAND_115KV_TB3 80093	26.92 0.47 0.00	25.48 0.38 0.00	22.98 0.24 0.00	21.84 0.22 0.00	20.04 0.21 0.00	20.90 0.28 0.00	24.10 0.38 0.00	21.91 0.38 0.00	23.58 0.39 0.00	27.02 0.41 0.00	31.30 0.47 0.00	33.73 0.54 0.00	35.83 0.69 0.00	42.90 0.81 0.00	49.76 0.90 0.00	49.35 1.03 0.00	45.86 0.92 -1.91	34.45 0.59 -5.91	41.21 0.77 -1.08	45.16 0.80 0.00	40.81 0.80 0.00	33.54 0.63 0.00	30.31 0.53 0.00	32.03 0.52 0.00
COXSACKIE___GT 23611	28.24 1.79 0.00	26.84 1.75 0.00	24.38 1.64 0.00	23.21 1.59 0.00	21.29 1.46 0.00	22.15 1.53 0.00	25.50 1.78 0.00	23.71 1.58 -0.59	25.44 1.58 -0.67	28.84 2.23 0.00	33.46 2.63 0.00	35.57 2.38 0.00	37.27 2.13 0.00	44.64 2.55 0.00	51.75 2.88 0.00	51.45 3.13 0.00	64.85 3.01 -18.81	88.64 2.44 -58.24	53.32 3.29 -10.68	48.09 3.72 0.00	43.14 3.13 0.00	35.26 2.35 0.00	31.80 2.01 0.00	33.63 2.12 0.00
CPV_VALLEY___CC1 323721	27.51 1.06 0.00	26.16 1.06 0.00	23.74 1.00 0.00	22.54 0.91 0.00	20.66 0.83 0.00	21.43 0.81 0.00	24.68 0.96 0.00	20.59 0.95 1.89	22.06 1.02 2.14	27.92 1.30 0.00	32.55 1.71 0.00	35.11 1.93 0.00	37.20 2.06 0.00	44.47 2.38 0.00	51.70 2.83 0.00	51.27 2.95 0.00	54.78 2.82 -8.92	57.37 1.84 -27.58	46.90 2.49 -5.06	46.87 2.51 0.00	41.60 2.07 0.48	27.38 1.52 7.06	27.60 1.36 3.55	32.15 1.45 0.81

CPV_VALLEY___CC2 323722	27.51 1.06 0.00	26.16 1.06 0.00	23.74 1.00 0.00	22.54 0.91 0.00	20.66 0.83 0.00	21.43 0.81 0.00	24.68 0.96 0.00	20.59 0.95 1.89	22.06 1.02 2.14	27.92 1.30 0.00	32.55 1.71 0.00	35.11 1.93 0.00	37.20 2.06 0.00	44.47 2.38 0.00	51.70 2.83 0.00	51.27 2.95 0.00	54.78 2.82 -8.92	57.37 1.84 -27.58	46.90 2.49 -5.06	46.87 2.51 0.00	41.60 2.07 0.48	27.38 1.52 7.06	27.60 1.36 3.55	32.15 1.45 0.81
CRESCENT___HYD 24018	27.46 1.00 0.00	26.13 1.04 0.00	23.79 1.05 0.00	22.65 1.03 0.00	20.77 0.94 0.00	21.57 0.96 0.00	24.82 1.11 0.00	23.34 0.95 -0.85	25.15 1.00 -0.96	27.83 1.22 0.00	32.20 1.37 0.00	34.74 1.55 0.00	36.86 1.72 0.00	44.21 2.12 0.00	51.18 2.32 0.00	50.65 2.32 0.00	75.93 2.30 -30.61	123.99 1.48 -94.55	58.74 2.04 -17.34	46.58 2.22 0.00	42.02 1.79 -0.22	37.39 1.30 -3.18	32.48 1.09 -1.60	33.02 1.15 -0.36
CRICKET___VALLEY_CC1 323756	27.65 1.20 0.00	26.29 1.19 0.00	23.89 1.15 0.00	22.70 1.08 0.00	20.80 0.97 0.00	21.53 0.91 0.00	24.82 1.10 0.00	24.23 1.06 -1.64	26.18 1.14 -1.85	28.05 1.44 0.00	32.66 1.83 0.00	35.27 2.08 0.00	37.40 2.26 0.00	44.77 2.67 0.00	51.93 3.06 0.00	51.49 3.16 0.00	57.90 3.01 -11.86	66.50 1.91 -36.64	48.64 2.56 -6.72	46.98 2.62 0.00	42.55 2.13 -0.42	40.63 1.57 -6.15	34.26 1.38 -3.09	33.64 1.43 -0.70
CRICKET___VALLEY_CC2 323757	27.65 1.20 0.00	26.29 1.19 0.00	23.89 1.15 0.00	22.70 1.08 0.00	20.80 0.97 0.00	21.53 0.91 0.00	24.82 1.10 0.00	24.23 1.06 -1.64	26.18 1.14 -1.85	28.05 1.44 0.00	32.66 1.83 0.00	35.27 2.08 0.00	37.40 2.26 0.00	44.77 2.67 0.00	51.93 3.06 0.00	51.49 3.16 0.00	57.90 3.01 -11.86	66.50 1.91 -36.64	48.64 2.56 -6.72	46.98 2.62 0.00	42.55 2.13 -0.42	40.63 1.57 -6.15	34.26 1.38 -3.09	33.64 1.43 -0.70
CRICKET___VALLEY_CC3 323758	27.65 1.20 0.00	26.29 1.19 0.00	23.89 1.15 0.00	22.70 1.08 0.00	20.80 0.97 0.00	21.53 0.91 0.00	24.82 1.10 0.00	24.23 1.06 -1.64	26.18 1.14 -1.85	28.05 1.44 0.00	32.66 1.83 0.00	35.27 2.08 0.00	37.40 2.26 0.00	44.77 2.67 0.00	51.93 3.06 0.00	51.49 3.16 0.00	57.90 3.01 -11.86	66.50 1.91 -36.64	48.64 2.56 -6.72	46.98 2.62 0.00	42.55 2.13 -0.42	40.63 1.57 -6.15	34.26 1.38 -3.09	33.64 1.43 -0.70
CRUCIBLE_METL_DRP 24180	26.53 0.08 0.00	24.90 -0.20 0.00	22.53 -0.21 0.00	21.44 -0.18 0.00	19.66 -0.17 0.00	20.50 -0.12 0.00	23.58 -0.14 0.00	21.44 -0.09 0.00	23.08 -0.10 0.00	26.46 -0.15 0.00	30.69 -0.14 0.00	33.20 0.02 0.00	35.84 0.70 0.00	42.32 0.23 0.00	48.87 0.00 0.00	48.13 -0.19 0.00	42.80 -0.24 0.00	27.86 0.00 0.00	39.20 -0.16 0.00	44.15 -0.21 0.00	39.84 -0.17 0.00	32.74 -0.17 0.00	29.63 -0.16 0.00	31.32 -0.19 0.00
DAHOWA___HYDRO 323763	28.01 1.55 0.00	26.67 1.57 0.00	24.25 1.51 0.00	23.05 1.43 0.00	21.15 1.33 0.00	22.00 1.38 0.00	25.38 1.66 0.00	23.84 1.49 -0.82	25.67 1.56 -0.92	28.45 1.83 0.00	32.88 2.05 0.00	35.47 2.28 0.00	37.66 2.52 0.00	45.20 3.10 0.00	52.40 3.53 0.00	52.09 3.77 0.00	80.56 3.74 -33.80	134.84 2.48 -104.41	61.99 3.49 -19.15	48.06 3.69 0.00	43.37 3.16 -0.21	38.20 2.24 -3.05	33.20 1.88 -1.53	33.75 1.89 -0.35
DANC___LFGE 323619	26.33 -0.13 0.00	24.91 -0.18 0.00	22.51 -0.23 0.00	21.29 -0.33 0.00	19.55 -0.27 0.00	20.24 -0.38 0.00	23.46 -0.25 0.00	21.31 -0.22 0.00	22.78 -0.41 0.00	25.75 -0.87 0.00	28.05 -1.27 1.51	13.02 -1.57 18.60	17.89 -1.32 15.92	19.07 -1.55 21.48	39.67 -1.04 8.16	23.31 -1.66 23.35	19.19 -2.04 21.81	9.84 -1.31 16.80	21.60 -1.92 15.83	35.51 -1.56 7.29	39.37 -0.64 0.00	32.75 -0.16 0.00	29.82 0.03 0.00	31.57 0.06 0.00
DANSKAMMER___1 23586	28.21 1.76 0.00	26.79 1.69 0.00	24.31 1.56 0.00	23.07 1.45 0.00	21.15 1.32 0.00	21.92 1.30 0.00	25.27 1.55 0.00	23.11 1.58 0.00	24.93 1.74 0.00	28.79 2.17 0.00	33.57 2.73 0.00	36.27 3.08 0.00	38.50 3.36 0.00	46.05 3.95 0.00	53.52 4.66 0.00	52.97 4.65 0.00	58.32 4.35 -10.93	64.61 2.88 -33.77	49.49 3.93 -6.19	48.42 4.06 0.00	43.39 3.38 0.00	35.45 2.54 0.00	32.01 2.23 0.00	33.82 2.32 0.00
DANSKAMMER___2 23589	28.21 1.76 0.00	26.79 1.69 0.00	24.31 1.56 0.00	23.07 1.45 0.00	21.15 1.32 0.00	21.92 1.30 0.00	25.27 1.55 0.00	23.11 1.58 0.00	24.93 1.74 0.00	28.79 2.17 0.00	33.57 2.73 0.00	36.27 3.08 0.00	38.50 3.36 0.00	46.05 3.95 0.00	53.52 4.66 0.00	52.97 4.65 0.00	58.32 4.35 -10.93	64.61 2.88 -33.77	49.49 3.93 -6.19	48.42 4.06 0.00	43.39 3.38 0.00	35.45 2.54 0.00	32.01 2.23 0.00	33.82 2.32 0.00
DANSKAMMER___3 23590	28.21 1.76 0.00	26.79 1.69 0.00	24.31 1.56 0.00	23.07 1.45 0.00	21.15 1.32 0.00	21.92 1.30 0.00	25.27 1.55 0.00	23.11 1.58 0.00	24.93 1.74 0.00	28.79 2.17 0.00	33.57 2.73 0.00	36.27 3.08 0.00	38.50 3.36 0.00	46.05 3.95 0.00	53.52 4.66 0.00	52.97 4.65 0.00	58.32 4.35 -10.93	64.61 2.88 -33.77	49.49 3.93 -6.19	48.42 4.06 0.00	43.39 3.38 0.00	35.45 2.54 0.00	32.01 2.23 0.00	33.82 2.32 0.00
DANSKAMMER___4 23591	28.21 1.76 0.00	26.79 1.69 0.00	24.31 1.56 0.00	23.07 1.45 0.00	21.15 1.32 0.00	21.92 1.30 0.00	25.27 1.55 0.00	23.11 1.58 0.00	24.93 1.74 0.00	28.79 2.17 0.00	33.57 2.73 0.00	36.27 3.08 0.00	38.50 3.36 0.00	46.05 3.95 0.00	53.52 4.66 0.00	52.97 4.65 0.00	58.32 4.35 -10.93	64.61 2.88 -33.77	49.49 3.93 -6.19	48.42 4.06 0.00	43.39 3.38 0.00	35.45 2.54 0.00	32.01 2.23 0.00	33.82 2.32 0.00
DANSKAMMER___DIESEL 23592	28.21 1.76 0.00	26.79 1.69 0.00	24.31 1.56 0.00	23.07 1.45 0.00	21.15 1.32 0.00	21.92 1.30 0.00	25.27 1.55 0.00	23.11 1.58 0.00	24.93 1.74 0.00	28.79 2.17 0.00	33.57 2.74 0.00	36.27 3.08 0.00	38.50 3.36 0.00	46.05 3.95 0.00	53.52 4.66 0.00	52.97 4.65 0.00	58.31 4.35 -10.93	64.61 2.88 -33.77	49.49 3.93 -6.19	48.42 4.05 0.00	43.39 3.38 0.00	35.45 2.54 0.00	32.01 2.23 0.00	33.82 2.32 0.00
DARBY___SOLAR 323810	27.94 1.49 0.00	26.60 1.50 0.00	24.19 1.45 0.00	23.00 1.38 0.00	21.10 1.28 0.00	21.94 1.32 0.00	25.30 1.58 0.00	23.77 1.41 -0.82	25.59 1.48 -0.93	28.37 1.75 0.00	32.80 1.97 0.00	35.35 2.16 0.00	37.53 2.39 0.00	45.05 2.95 0.00	52.19 3.33 0.00	51.87 3.54 0.00	79.97 3.50 -33.43	133.57 2.32 -103.29	61.57 3.27 -18.94	47.82 3.46 0.00	43.14 2.93 -0.21	38.08 2.10 -3.07	33.10 1.77 -1.54	33.66 1.81 -0.35
DASHVILLE___HYD 23610	27.77 1.32 0.00	26.38 1.29 0.00	23.96 1.22 0.00	22.74 1.12 0.00	20.85 1.02 0.00	21.59 0.97 0.00	24.87 1.15 0.00	22.95 1.41 0.00	24.78 1.59 0.00	28.53 1.91 0.00	33.34 2.51 0.00	36.15 2.96 0.00	38.54 3.40 0.00	46.07 3.97 0.00	53.52 4.65 0.00	52.80 4.48 0.00	59.90 4.02 -12.84	70.54 2.86 -39.73	50.59 3.94 -7.29	48.29 3.93 0.00	42.87 2.86 0.00	35.03 2.12 0.00	31.63 1.85 0.00	33.41 1.90 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	29.57 3.12 0.00	28.05 2.95 0.00	25.45 2.71 0.00	24.04 2.42 0.00	22.06 2.23 0.00	22.86 2.25 0.00	26.27 2.55 0.00	27.58 2.45 -3.59	29.96 2.72 -4.06	29.52 2.91 0.00	35.35 4.43 -0.09	38.14 4.95 0.00	40.33 5.19 0.00	48.45 6.35 0.00	58.47 7.71 -1.90	55.98 7.42 -0.23	60.97 6.80 -11.14	92.34 4.49 -59.89	117.31 6.20 -71.76	64.86 6.28 -14.22	85.03 5.71 -39.32	51.81 4.09 -14.81	40.60 3.78 -7.04	37.77 4.32 -1.95
DELAWARE___LFGE 323621	27.36 0.91 0.00	25.98 0.88 0.00	23.53 0.78 0.00	22.34 0.72 0.00	20.48 0.66 0.00	21.32 0.70 0.00	24.53 0.81 0.00	22.28 0.75 0.00	24.00 0.81 0.00	27.60 0.98 0.00	32.06 1.23 0.00	34.56 1.37 0.00	36.60 1.46 0.00	43.84 1.74 0.00	50.92 2.05 0.00	50.35 2.03 0.00	52.65 1.84 -7.78	53.22 1.23 -24.03	45.45 1.69 -4.41	46.17 1.80 0.00	41.58 1.57 0.00	34.11 1.20 0.00	30.86 1.07 0.00	32.63 1.12 0.00
DERFIELD_115KV_TB7 355931	26.45 0.00 0.00	25.12 0.02 0.00	22.76 0.01 0.00	21.62 0.00 0.00	19.84 0.01 0.00	20.62 0.00 0.00	23.72 0.00 0.00	21.53 0.00 0.00	23.18 0.00 0.00	26.61 -0.01 0.00	31.06 0.00 -0.22	35.97 0.00 -2.78	37.52 0.00 -2.38	45.35 0.04 -3.21	50.23 0.09 -1.27	52.04 0.09 -3.62	46.46 0.11 -3.32	30.83 0.07 -2.80	41.80 0.08 -2.36	45.54 0.09 -1.09	40.12 0.11 0.00	32.97 0.07 0.00	29.85 0.06 0.00	31.57 0.06 0.00
DOGLEVILLE___HYD 23807	26.17 -0.28 0.00	24.97 -0.13 0.00	22.70 -0.04 0.00	21.61 -0.01 0.00	19.85 0.02 0.00	20.63 0.01 0.00	23.75 0.03 0.00	21.51 -0.02 0.00	23.18 -0.01 0.00	26.72 0.10 0.00	31.25 0.19 -0.22	36.26 0.30 -2.78	37.96 0.45 -2.38	45.95 0.64 -3.21	50.78 0.64 -1.27	52.45 0.50 -3.62	47.19 0.83 -3.32	31.59 0.84 -2.80	42.78 1.06 -2.36	46.19 0.74 -1.09	40.34 0.33 0.00	33.00 0.09 0.00	29.71 -0.08 0.00	31.30 -0.21 0.00
DUNKIRK___115KV_TB_200 55889	27.12 0.66 0.00	25.53 0.44 0.00	22.27 -0.47 0.00	21.02 -0.60 0.00	19.14 -0.69 0.00	20.15 -0.47 0.00	23.20 -0.33 0.19	21.28 -0.25 0.00	23.21 0.02 0.00	26.65 0.04 0.00	30.86 0.03 0.00	31.40 -0.44 1.35	22.47 -0.65 12.02	33.38 -0.87 7.85	41.63 -0.86 6.37	41.96 -0.82 5.54	42.87 -0.73 -0.56	33.26 -0.20 -5.50	40.07 -0.30 -1.01	43.65 -0.72 0.00	40.00 -0.01 0.00	33.16 0.25 0.00	30.18 0.39 0.00	32.23 0.72 0.00
DUNKIRK___1 23563	27.12 0.66 0.00	25.53 0.44 0.00	22.27 -0.47 0.00	21.02 -0.60 0.00	19.14 -0.69 0.00	20.15 -0.47 0.00	23.20 -0.33 0.19	21.28 -0.25 0.00	23.21 0.02 0.00	26.65 0.04 0.00	30.86 0.03 0.00	31.40 -0.44 1.35	22.47 -0.65 12.02	33.38 -0.87 7.85	41.63 -0.86 6.37	41.96 -0.82 5.54	42.87 -0.73 -0.56	33.26 -0.20 -5.50	40.07 -0.30 -1.01	43.65 -0.72 0.00	40.00 -0.01 0.00	33.16 0.25 0.00	30.18 0.39 0.00	32.23 0.72 0.00
DUNKIRK___2 23564	27.12 0.66 0.00	25.53 0.44 0.00	22.27 -0.47 0.00	21.02 -0.60 0.00	19.14 -0.69 0.00	20.15 -0.47 0.00	23.20 -0.33 0.19	21.28 -0.25 0.00	23.21 0.02 0.00	26.65 0.04 0.00	30.86 0.03 0.00	31.40 -0.44 1.35	22.47 -0.65 12.02	33.38 -0.87 7.85	41.63 -0.86 6.37	41.96 -0.82 5.54	42.87 -0.73 -0.56	33.26 -0.20 -5.50	40.07 -0.30 -1.01	43.65 -0.72 0.00	40.00 -0.01 0.00	33.16 0.25 0.00	30.18 0.39 0.00	32.23 0.72 0.00
DUNKIRK___3 23565	26.99 0.54 0.00	25.43 0.33 0.00	22.29 -0.45 0.00	21.07 -0.55 0.00	19.19 -0.64 0.00	20.21 -0.41 0.00	23.24 -0.28 0.20	21.29 -0.24 0.00	23.21 0.02 0.00	26.64 0.03 0.00	30.82 -0.02 0.00	31.27 -0.48 1.44	21.69 -0.70 12.75	32.76 -1.01 8.32	41.09 -1.02 6.76	41.45 -1.00 5.88	42.58 -0.93 -0.48	33.07 -0.38 -5.48	39.77 -0.59 -1.01	43.34 -1.02 0.00	39.64 -0.37 0.00	32.89 -0.02 0.00	29.95 0.17 0.00	31.98 0.48 0.00
DUNKIRK___4 23566	26.99 0.54 0.00	25.43 0.33 0.00	22.29 -0.45 0.00	21.07 -0.55 0.00	19.19 -0.64 0.00	20.21 -0.41 0.00	23.24 -0.28 0.20	21.29 -0.24 0.00	23.21 0.02 0.00	26.64 0.03 0.00	30.82 -0.02 0.00	31.27 -0.48 1.44	21.69 -0.70 12.75	32.76 -1.01 8.32	41.09 -1.02 6.76	41.45 -1.00 5.88	42.58 -0.93 -0.48	33.07 -0.38 -5.48	39.77 -0.59 -1.01	43.34 -1.02 0.00	39.64 -0.37 0.00	32.89 -0.02 0.00	29.95 0.17 0.00	31.98 0.48 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.24 1.78 0.00	26.81 1.72 0.00	24.33 1.59 0.00	23.08 1.46 0.00	21.17 1.35 0.00	21.94 1.32 0.00	25.29 1.57 0.00	26.70 1.55 -3.62	28.96 1.69 -4.09	28.73 2.11 0.00	33.54 2.71 0.00	36.19 3.01 0.00	38.35 3.21 0.00	45.81 3.71 0.00	53.26 4.39 0.00	52.80 4.47 0.00	58.04 4.21 -10.80	64.06 2.75 -33.36	49.19 3.72 -6.12	48.17 3.81 0.00	44.06 3.21 -0.85	47.78 2.39 -12.48	38.24 2.18 -6.27	35.28 2.35 -1.43
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	27.94 1.48 0.00	26.54 1.44 0.00	24.08 1.34 0.00	22.85 1.23 0.00	20.95 1.12 0.00	21.72 1.10 0.00	25.04 1.32 0.00	22.34 1.40 0.59	24.05 1.53 0.67	28.53 1.92 0.00	33.28 2.44 0.00	35.94 2.75 0.00	38.17 3.03 0.00	45.60 3.50 0.00	53.00 4.13 0.00	52.38 4.05 0.00	57.33 3.78 -10.51	62.97 2.52 -32.49	48.75 3.44 -5.96	47.87 3.51 0.00	42.69 2.89 0.21	31.96 2.17 3.12	30.13 1.92 1.57	33.15 2.00 0.36
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.29 1.84 0.00	26.86 1.76 0.00	24.38 1.64 0.00	23.14 1.52 0.00	21.21 1.38 0.00	21.98 1.36 0.00	25.34 1.62 0.00	26.75 1.59 -3.62	29.02 1.74 -4.09	28.75 2.13 0.00	33.56 2.73 0.00	36.23 3.04 0.00	38.30 3.16 0.00	45.71 3.62 0.00	53.23 4.37 0.00	52.67 4.35 0.00	57.96 4.14 -10.79	64.00 2.69 -33.35	49.13 3.66 -6.11	48.15 3.80 0.01	44.09 3.24 -0.84	47.80 2.41 -12.48	38.28 2.21 -6.28	35.28 2.34 -1.43
E179THST_13_KV_LOAD 356214	28.47 2.02 0.00	27.03 1.93 0.00	24.53 1.79 0.00	23.28 1.66 0.00	21.34 1.51 0.00	22.11 1.49 0.00	25.50 1.78 0.00	26.89 1.74 -3.62	29.18 1.90 -4.09	28.94 2.32 0.00	33.78 2.95 0.00	36.47 3.28 0.00	38.57 3.43 0.00	46.03 3.93 0.00	53.61 4.74 0.00	53.04 4.72 0.00	58.30 4.48 -10.79	64.23 2.91 -33.35	49.44 3.97 -6.11	48.50 4.14 0.01	44.39 3.54 -0.84	48.06 2.66 -12.48	38.51 2.44 -6.28	35.51 2.57 -1.43
EAST HAMPTON___GT 23717	30.11 3.66 0.00	28.55 3.46 0.00	25.87 3.14 0.00	24.44 2.82 0.00	22.42 2.59 0.00	23.25 2.63 0.00	26.73 3.01 0.00	28.03 2.90 -3.59	30.47 3.22 -4.06	29.83 3.21 0.00	35.91 4.99 -0.09	38.80 5.61 0.00	41.04 5.90 0.00	49.31 7.21 0.00	59.46 8.69 -1.91	56.85 8.30 -0.23	61.71 7.53 -11.14	92.82 4.98 -59.89	117.99 6.86 -71.77	65.57 6.97 -14.23	85.90 6.57 -39.33	52.54 4.82 -14.81	41.23 4.41 -7.04	38.40 4.94 -1.95
EAST RIVER___6 23660	28.37 1.91 0.00	26.92 1.82 0.00	24.44 1.70 0.00	23.18 1.56 0.00	21.29 1.46 0.00	22.03 1.41 0.00	25.40 1.68 0.00	26.86 1.70 -3.62	29.17 1.89 -4.09	29.01 2.40 0.00	33.85 3.02 0.00	36.51 3.33 0.00	38.65 3.51 0.00	46.16 4.06 0.00	53.64 4.77 0.00	53.25 4.93 0.00	58.46 4.64 -10.80	64.32 3.00 -33.36	49.54 4.06 -6.12	48.51 4.14 0.00	44.33 3.48 -0.85	48.01 2.60 -12.49	38.43 2.37 -6.28	35.48 2.55 -1.43

EAST_RIVER___7 23524	28.37 1.91 0.00	26.92 1.82 0.00	24.44 1.70 0.00	23.18 1.56 0.00	21.29 1.46 0.00	22.03 1.41 0.00	25.40 1.68 0.00	26.86 1.70 -3.62	29.17 1.89 -4.09	29.01 2.40 0.00	33.85 3.02 0.00	36.51 3.33 0.00	38.65 3.51 0.00	46.16 4.06 0.00	53.64 4.77 0.00	53.25 4.93 0.00	58.46 4.64 -10.80	64.32 3.00 -33.36	49.54 4.06 -6.12	48.51 4.14 0.00	44.33 3.48 -0.85	48.01 2.60 -12.49	38.43 2.37 -6.28	35.48 2.55 -1.43
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.15 1.69 0.00	26.73 1.63 0.00	24.26 1.52 0.00	23.02 1.40 0.00	21.11 1.29 0.00	21.88 1.26 0.00	25.21 1.49 0.00	26.86 1.48 -3.85	29.14 1.61 -4.35	28.63 2.01 0.00	33.43 2.60 0.00	36.08 2.89 0.00	38.22 3.08 0.00	45.66 3.57 0.00	53.10 4.24 0.00	52.65 4.32 0.00	57.87 4.07 -10.77	63.87 2.65 -33.27	49.05 3.60 -6.10	48.03 3.67 0.00	44.02 3.08 -0.93	48.85 2.30 -13.65	38.72 2.08 -6.86	35.30 2.23 -1.56
EAST_HAMPTON___DIESEL 23722	30.11 3.66 0.00	28.55 3.46 0.00	25.87 3.14 0.00	24.44 2.82 0.00	22.42 2.59 0.00	23.25 2.63 0.00	26.73 3.01 0.00	28.03 2.90 -3.59	30.47 3.22 -4.06	29.84 3.22 0.00	35.92 5.00 -0.09	38.83 5.64 0.00	41.05 5.91 0.00	49.33 7.23 0.00	59.47 8.70 -1.91	56.89 8.33 -0.23	61.74 7.56 -11.14	92.83 4.99 -59.89	118.01 6.88 -71.77	65.58 6.99 -14.23	85.91 6.57 -39.33	52.55 4.83 -14.81	41.23 4.41 -7.04	38.40 4.95 -1.95
EAST_PULASKI___ESR 323781	26.08 -0.37 0.00	24.70 -0.39 0.00	22.35 -0.39 0.00	21.22 -0.40 0.00	19.48 -0.35 0.00	20.24 -0.38 0.00	23.35 -0.37 0.00	21.23 -0.30 0.00	22.77 -0.41 0.00	25.90 -0.71 0.00	29.13 -0.95 0.75	22.81 -1.10 9.27	26.20 -1.00 7.94	30.18 -1.21 10.71	43.64 -0.98 4.25	34.90 -1.35 12.08	30.67 -1.50 10.87	18.49 -0.95 8.51	30.10 -1.37 7.89	39.42 -1.31 3.64	39.16 -0.85 0.00	32.41 -0.50 0.00	29.45 -0.33 0.00	31.17 -0.33 0.00
EAST_RIVER___1 323558	28.34 1.89 0.00	26.89 1.80 0.00	24.41 1.67 0.00	23.15 1.53 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.38 1.66 0.00	26.81 1.66 -3.62	29.11 1.83 -4.09	28.91 2.29 0.00	33.72 2.89 0.00	36.40 3.21 0.00	38.55 3.41 0.00	46.06 3.96 0.00	53.56 4.69 0.00	53.09 4.76 0.00	58.29 4.46 -10.80	64.22 2.91 -33.36	49.41 3.93 -6.12	48.37 4.01 0.00	44.21 3.36 -0.85	47.91 2.51 -12.49	38.35 2.29 -6.28	35.40 2.47 -1.43
EAST_RIVER___2 323559	28.37 1.91 0.00	26.92 1.82 0.00	24.44 1.70 0.00	23.18 1.56 0.00	21.29 1.46 0.00	22.03 1.41 0.00	25.40 1.68 0.00	26.86 1.70 -3.62	29.17 1.89 -4.09	29.01 2.40 0.00	33.85 3.02 0.00	36.51 3.33 0.00	38.65 3.51 0.00	46.16 4.06 0.00	53.64 4.77 0.00	53.25 4.93 0.00	58.46 4.64 -10.80	64.32 3.00 -33.36	49.54 4.06 -6.12	48.51 4.14 0.00	44.33 3.48 -0.85	48.01 2.60 -12.49	38.43 2.37 -6.28	35.48 2.55 -1.43
EAST___DELAWARE_HYD 23607	27.58 1.13 0.00	26.17 1.08 0.00	23.72 0.98 0.00	22.50 0.88 0.00	20.62 0.79 0.00	21.38 0.77 0.00	24.66 0.94 0.00	22.04 1.04 0.54	23.75 1.18 0.61	28.11 1.50 0.00	32.74 1.91 0.00	35.33 2.14 0.00	37.62 2.49 0.00	44.73 2.63 0.00	51.03 2.16 0.00	50.85 2.53 0.00	55.49 2.43 -10.02	60.71 1.77 -30.99	47.53 2.49 -5.68	46.94 2.57 0.00	42.77 2.76 0.00	34.95 2.04 0.00	31.50 1.71 0.00	33.19 1.68 0.00
EIGHT_POINT___WT_PWR 323820	26.79 0.34 0.00	25.54 0.44 0.00	22.61 -0.13 0.00	21.10 -0.52 0.00	19.05 -0.78 0.00	20.03 -0.59 0.00	23.81 -0.60 -0.69	20.95 -0.59 0.00	22.60 -0.59 0.00	25.93 -0.68 0.00	29.88 -0.95 0.00	36.93 -1.09 -4.83	76.87 -1.20 -42.93	67.62 -2.30 -27.83	68.83 -2.58 -22.54	65.18 -2.74 -19.60	47.42 -2.11 -6.50	34.11 -0.62 -6.76	40.22 -0.38 -1.24	44.00 -0.37 0.00	40.40 0.39 0.00	33.49 0.58 0.00	30.39 0.61 0.00	32.31 0.81 0.00
ELBRIDGE_115KV_TB2 80188	26.55 0.10 0.00	24.77 -0.32 0.00	22.43 -0.31 0.00	21.35 -0.27 0.00	19.55 -0.27 0.00	20.40 -0.22 0.00	23.47 -0.25 0.00	21.33 -0.20 0.00	22.97 -0.22 0.00	26.33 -0.29 0.00	30.51 -0.31 0.00	33.06 -0.13 0.00	36.06 0.92 0.00	42.16 0.07 0.00	48.43 -0.44 0.00	47.83 -0.50 0.00	42.56 -0.47 0.00	27.70 -0.26 0.00	38.98 -0.38 0.00	43.96 -0.41 0.00	39.67 -0.34 0.00	32.57 -0.34 0.00	29.50 -0.28 0.00	31.19 -0.32 0.00
ELEC_TRO_TEK 24086	28.52 2.06 0.00	27.06 1.96 0.00	24.59 1.85 0.00	23.28 1.66 0.00	21.37 1.55 0.00	22.14 1.52 0.00	25.44 1.73 0.00	26.80 1.67 -3.59	29.03 1.78 -4.06	28.74 2.12 0.00	33.98 3.05 -0.09	36.48 3.29 0.00	38.61 3.47 0.00	46.15 4.06 0.00	54.24 4.91 -0.47	53.16 4.84 0.00	58.66 4.59 -11.04	90.85 3.01 -59.88	108.75 4.11 -65.28	57.25 4.14 -8.75	76.01 3.56 -32.45	62.12 2.60 -26.61	43.15 2.45 -10.91	36.22 2.76 -1.95
ELLENBURG_WT_PWR 323604	27.25 0.80 0.00	25.67 0.58 0.00	23.14 0.40 0.00	21.93 0.31 0.00	20.07 0.25 0.00	20.86 0.24 0.00	24.02 0.30 0.00	21.74 0.20 0.00	23.42 0.23 0.00	26.89 0.28 0.00	29.27 -0.59 0.97	20.68 -0.51 11.99	24.01 -0.87 10.26	26.62 -1.63 13.85	28.82 -2.72 17.33	1.25 -2.43 44.64	28.12 -1.45 13.47	7.43 -1.25 19.27	28.44 -0.71 10.21	38.26 -1.40 4.70	38.95 -1.06 0.00	32.81 -0.10 0.00	29.81 0.02 0.00	31.70 0.20 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.74 0.28 0.00	25.18 0.08 0.00	22.19 -0.55 0.00	21.04 -0.59 0.00	19.13 -0.70 0.00	20.17 -0.45 0.00	23.09 -0.41 0.22	21.10 -0.43 0.00	23.07 -0.12 0.00	26.42 -0.19 0.00	30.51 -0.33 0.00	30.80 -0.87 1.52	20.51 -1.11 13.51	31.63 -1.65 8.82	39.90 -1.81 7.16	40.20 -1.90 6.23	41.64 -1.69 -0.30	32.22 -0.91 -5.17	38.89 -1.41 -0.95	42.48 -1.88 0.00	38.83 -1.18 0.00	32.30 -0.61 0.00	29.47 -0.31 0.00	31.51 0.01 0.00
EMPIRE_CC_1 323656	27.02 0.57 0.00	25.72 0.62 0.00	23.48 0.74 0.00	22.40 0.78 0.00	20.54 0.71 0.00	21.32 0.70 0.00	24.43 0.72 0.00	23.12 0.58 -1.01	24.92 0.60 -1.14	27.38 0.76 0.00	31.66 0.83 0.00	34.15 0.96 0.00	36.21 1.08 0.00	43.41 1.32 0.00	50.24 1.37 0.00	49.70 1.37 0.00	61.18 1.40 -16.75	80.59 0.89 -51.74	50.02 1.17 -9.49	45.65 1.29 0.00	41.21 0.95 -0.25	37.32 0.65 -3.76	32.21 0.53 -1.89	32.52 0.59 -0.43
EMPIRE_CC_2 323658	27.02 0.57 0.00	25.72 0.62 0.00	23.48 0.74 0.00	22.40 0.78 0.00	20.54 0.71 0.00	21.32 0.70 0.00	24.43 0.72 0.00	23.12 0.58 -1.01	24.92 0.60 -1.14	27.38 0.76 0.00	31.66 0.83 0.00	34.15 0.96 0.00	36.21 1.08 0.00	43.41 1.32 0.00	50.24 1.37 0.00	49.70 1.37 0.00	61.18 1.40 -16.75	80.59 0.89 -51.74	50.02 1.17 -9.49	45.65 1.29 0.00	41.21 0.95 -0.25	37.32 0.65 -3.76	32.21 0.53 -1.89	32.52 0.59 -0.43
ENORWICH_115KV_TB1 80156	28.46 2.01 0.00	26.85 1.75 0.00	24.21 1.46 0.00	22.96 1.34 0.00	21.06 1.23 0.00	22.05 1.44 0.00	25.55 1.79 -0.04	23.13 1.60 0.00	24.83 1.64 0.00	28.38 1.76 0.00	32.78 1.95 0.00	35.56 2.12 -0.25	39.62 2.26 -2.23	46.26 2.75 -1.41	53.44 3.44 -1.13	52.82 3.51 -0.98	51.34 3.79 -4.51	43.91 2.69 -13.26	45.56 3.77 -2.43	48.34 3.98 0.00	43.66 3.65 0.00	35.82 2.91 0.00	32.30 2.52 0.00	34.03 2.52 0.00

ERIE_ST__34_KV_TB1-2 80199	27.06 0.61 0.00	25.49 0.39 0.00	22.47 -0.27 0.00	21.30 -0.31 0.00	19.39 -0.43 0.00	20.45 -0.17 0.00	23.48 -0.06 0.18	21.45 -0.08 0.00	23.44 0.25 0.00	26.90 0.28 0.00	31.08 0.25 0.00	31.75 -0.16 1.27	23.52 -0.31 11.30	34.04 -0.67 7.39	42.19 -0.68 6.00	42.39 -0.72 5.22	42.88 -0.75 -0.60	33.00 -0.35 -5.40	39.72 -0.63 -0.99	43.34 -1.02 0.00	39.51 -0.50 0.00	32.81 -0.10 0.00	29.91 0.12 0.00	31.90 0.40 0.00
ERIE_WT_PWR 323693	26.90 0.45 0.00	25.34 0.24 0.00	22.34 -0.40 0.00	21.15 -0.46 0.00	19.21 -0.62 0.00	20.24 -0.37 0.00	23.20 -0.31 0.21	21.21 -0.33 0.00	23.17 -0.01 0.00	26.56 -0.05 0.00	30.67 -0.16 0.00	31.09 -0.65 1.45	21.45 -0.85 12.84	32.32 -1.38 8.39	40.58 -1.48 6.81	40.83 -1.57 5.92	42.03 -1.42 -0.42	32.57 -0.70 -5.31	39.20 -1.13 -0.97	42.81 -1.56 0.00	39.13 -0.88 0.00	32.55 -0.36 0.00	29.71 -0.08 0.00	31.73 0.23 0.00
ESPRGFLD_115KV_TB1 80157	28.25 1.79 0.00	26.64 1.54 0.00	23.99 1.25 0.00	22.76 1.14 0.00	20.84 1.01 0.00	21.74 1.12 0.00	25.07 1.35 0.00	22.74 1.21 0.00	24.47 1.29 0.00	28.04 1.43 0.00	32.58 1.74 0.00	35.13 1.94 0.00	37.12 1.98 0.00	44.60 2.51 0.00	51.82 2.95 0.00	51.28 2.96 0.00	69.50 2.42 -24.04	103.94 1.71 -74.28	55.36 2.38 -13.62	47.10 2.73 0.00	42.74 2.73 0.00	35.22 2.31 0.00	31.90 2.11 0.00	33.72 2.21 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.17 0.72 0.00	25.65 0.56 0.00	23.14 0.40 0.00	21.98 0.36 0.00	20.14 0.31 0.00	21.04 0.42 0.00	24.33 0.54 -0.06	22.05 0.51 0.00	23.72 0.54 0.00	27.15 0.53 0.00	31.43 0.60 0.00	34.33 0.70 -0.43	39.93 0.96 -3.83	45.56 1.04 -2.42	51.92 1.12 -1.93	51.29 1.29 -1.68	47.06 1.18 -2.85	36.38 0.75 -7.68	41.86 1.10 -1.41	45.56 1.20 0.00	41.19 1.18 0.00	33.82 0.92 0.00	30.58 0.80 0.00	32.29 0.79 0.00
ETNA____115KV_TB2 80207	27.17 0.72 0.00	25.65 0.56 0.00	23.14 0.40 0.00	21.98 0.36 0.00	20.14 0.31 0.00	21.04 0.42 0.00	24.33 0.54 -0.06	22.05 0.51 0.00	23.72 0.54 0.00	27.15 0.53 0.00	31.43 0.60 0.00	34.33 0.70 -0.43	39.93 0.96 -3.83	45.56 1.04 -2.42	51.92 1.12 -1.93	51.29 1.29 -1.68	47.06 1.18 -2.85	36.38 0.75 -7.68	41.86 1.10 -1.41	45.56 1.20 0.00	41.19 1.18 0.00	33.82 0.92 0.00	30.58 0.80 0.00	32.29 0.79 0.00
EUCLID____115KV_TB2 356179	26.13 -0.32 0.00	24.73 -0.37 0.00	22.35 -0.39 0.00	21.26 -0.36 0.00	19.50 -0.32 0.00	20.32 -0.30 0.00	23.38 -0.34 0.00	21.27 -0.27 0.00	22.90 -0.29 0.00	26.26 -0.36 0.00	30.45 -0.39 0.00	32.79 -0.40 0.00	34.82 -0.31 0.00	41.59 -0.50 0.00	48.33 -0.54 0.00	47.68 -0.65 0.00	42.41 -0.62 0.00	27.59 -0.36 0.00	38.80 -0.56 0.00	43.67 -0.69 0.00	39.42 -0.59 0.00	32.44 -0.47 0.00	29.35 -0.43 0.00	31.05 -0.46 0.00
E_CANADA_CAP_HY 24051	28.57 2.12 0.00	26.94 1.85 0.00	24.27 1.53 0.00	23.02 1.40 0.00	21.09 1.26 0.00	21.99 1.37 0.00	25.37 1.65 0.00	23.55 1.45 -0.57	25.35 1.52 -0.64	28.28 1.66 0.00	32.81 1.98 0.00	35.26 2.08 0.00	37.25 2.12 0.00	44.87 2.77 0.00	52.11 3.24 0.00	51.80 3.47 0.00	75.71 2.78 -29.90	122.28 1.96 -92.36	59.05 2.76 -16.94	47.53 3.16 0.00	43.25 3.24 0.00	35.69 2.78 0.00	32.31 2.52 0.00	34.16 2.66 0.00
E_CANADA_MHWK_HY 24050	26.17 -0.28 0.00	24.97 -0.13 0.00	22.70 -0.04 0.00	21.61 -0.01 0.00	19.85 0.02 0.00	20.63 0.01 0.00	23.75 0.03 0.00	21.51 -0.02 0.00	23.18 -0.01 0.00	26.72 0.10 0.00	31.25 0.19 -0.22	36.26 0.30 -2.78	37.96 0.45 -2.38	45.95 0.64 -3.21	50.78 0.64 -1.27	52.45 0.50 -3.62	47.19 0.83 -3.32	31.59 0.84 -2.80	42.78 1.06 -2.36	46.19 0.74 -1.09	40.34 0.33 0.00	33.00 0.09 0.00	29.71 -0.08 0.00	31.30 -0.21 0.00
E_FISHKILL____LBMP 23776	27.87 1.42 0.00	26.48 1.39 0.00	24.05 1.31 0.00	22.84 1.22 0.00	20.95 1.12 0.00	21.70 1.08 0.00	25.00 1.28 0.00	24.19 1.24 -1.41	26.13 1.35 -1.60	28.31 1.69 0.00	33.00 2.17 0.00	35.61 2.42 0.00	37.73 2.60 0.00	45.11 3.01 0.00	52.39 3.53 0.00	51.93 3.61 0.00	57.54 3.42 -11.08	64.40 2.22 -34.23	48.63 3.00 -6.28	47.43 3.07 0.00	42.91 2.55 -0.35	39.93 1.89 -5.13	34.08 1.71 -2.58	33.92 1.83 -0.59
FALCON____SEABRD_CC1 323796	27.63 1.17 0.00	26.03 0.93 0.00	23.45 0.71 0.00	22.22 0.60 0.00	20.34 0.51 0.00	21.13 0.51 0.00	24.35 0.63 0.00	22.04 0.50 0.00	23.74 0.55 0.00	27.23 0.61 0.00	29.65 -0.20 0.98	21.03 -0.06 12.09	24.38 -0.41 10.35	27.02 -1.12 13.97	29.21 -2.17 17.48	1.41 -1.88 45.04	28.58 -0.86 13.59	7.57 -0.93 19.47	28.84 -0.22 10.29	38.74 -0.88 4.74	39.45 -0.56 0.00	33.31 0.40 0.00	30.22 0.43 0.00	32.11 0.60 0.00
FALCON____SEABRD_CC2 323797	27.63 1.17 0.00	26.03 0.93 0.00	23.45 0.71 0.00	22.22 0.60 0.00	20.34 0.51 0.00	21.13 0.51 0.00	24.35 0.63 0.00	22.04 0.50 0.00	23.74 0.55 0.00	27.23 0.61 0.00	29.65 -0.20 0.98	21.03 -0.06 12.09	24.38 -0.41 10.35	27.02 -1.12 13.97	29.21 -2.17 17.48	1.41 -1.88 45.04	28.58 -0.86 13.59	7.57 -0.93 19.47	28.84 -0.22 10.29	38.74 -0.88 4.74	39.45 -0.56 0.00	33.31 0.40 0.00	30.22 0.43 0.00	32.11 0.60 0.00
FAR ROCKAWAY____4 23548	29.10 2.65 0.00	27.53 2.44 0.00	24.99 2.25 0.00	23.66 2.03 0.00	21.70 1.88 0.00	22.49 1.87 0.00	25.86 2.14 0.00	27.20 2.07 -3.59	29.47 2.23 -4.06	29.26 2.65 0.00	34.39 3.47 -0.09	36.97 3.77 0.00	39.08 3.94 0.00	46.62 4.52 0.00	55.01 5.67 -0.47	54.21 5.89 0.00	59.39 5.31 -11.04	91.30 3.47 -59.88	109.39 4.75 -65.28	57.88 4.77 -8.75	76.67 4.22 -32.45	79.71 3.15 -43.66	49.19 2.91 -16.50	36.65 3.20 -1.95
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.37 1.92 0.00	26.92 1.83 0.00	24.43 1.69 0.00	23.17 1.55 0.00	21.26 1.43 0.00	22.03 1.41 0.00	25.40 1.68 0.00	26.84 1.68 -3.62	29.13 1.85 -4.09	28.92 2.31 0.00	33.75 2.92 0.00	36.42 3.23 0.00	38.57 3.43 0.00	46.08 3.99 0.00	53.59 4.72 0.00	53.11 4.78 0.00	58.33 4.50 -10.80	64.24 2.92 -33.36	49.44 3.96 -6.12	48.41 4.05 0.00	44.25 3.39 -0.85	47.94 2.53 -12.49	38.38 2.31 -6.28	35.43 2.50 -1.43
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.41 1.96 0.00	26.96 1.86 0.00	24.45 1.71 0.00	23.19 1.57 0.00	21.28 1.45 0.00	22.05 1.43 0.00	25.42 1.70 0.00	26.86 1.70 -3.62	29.15 1.87 -4.09	28.95 2.33 0.00	33.77 2.94 0.00	36.44 3.25 0.00	38.60 3.46 0.00	46.12 4.02 0.00	53.64 4.77 0.00	53.15 4.83 0.00	58.38 4.55 -10.80	64.26 2.95 -33.36	49.48 4.00 -6.12	48.46 4.10 0.00	44.29 3.43 -0.85	47.97 2.57 -12.49	38.41 2.35 -6.28	35.48 2.55 -1.43
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.36 1.91 0.00	26.91 1.81 0.00	24.41 1.67 0.00	23.15 1.54 0.00	21.26 1.43 0.00	22.02 1.40 0.00	25.39 1.67 0.00	26.82 1.67 -3.62	29.11 1.84 -4.09	28.91 2.30 0.00	33.72 2.89 0.00	36.40 3.21 0.00	38.55 3.41 0.00	46.06 3.97 0.00	53.55 4.68 0.00	53.06 4.74 0.00	58.29 4.46 -10.80	64.22 2.90 -33.36	49.40 3.93 -6.12	48.37 4.01 0.00	44.21 3.36 -0.85	47.91 2.50 -12.49	38.35 2.29 -6.28	35.41 2.48 -1.43

FARRAGUT___LBMP 323566	28.34 1.88 0.00	26.89 1.79 0.00	24.39 1.65 0.00	23.13 1.51 0.00	21.24 1.41 0.00	22.00 1.38 0.00	25.36 1.64 0.00	26.79 1.64 -3.62	29.08 1.80 -4.09	28.87 2.25 0.00	33.68 2.85 0.00	36.34 3.16 0.00	38.49 3.35 0.00	45.99 3.90 0.00	53.49 4.62 0.00	52.99 4.67 0.00	58.23 4.40 -10.80	64.17 2.85 -33.36	49.34 3.87 -6.12	48.31 3.95 0.00	44.16 3.31 -0.85	47.87 2.47 -12.49	38.32 2.25 -6.28	35.38 2.45 -1.43
FENNER___WINDPWR 24204	26.97 0.51 0.00	25.51 0.41 0.00	23.05 0.31 0.00	21.88 0.27 0.00	20.09 0.27 0.00	20.94 0.32 0.00	24.11 0.39 0.00	21.90 0.36 0.00	23.59 0.40 0.00	27.02 0.41 0.00	31.51 0.42 -0.26	36.87 0.48 -3.20	38.57 0.70 -2.73	46.62 0.83 -3.69	51.34 1.01 -1.47	53.55 1.06 -4.17	49.04 1.04 -4.97	35.39 0.68 -6.75	43.58 0.84 -3.38	46.63 1.01 -1.25	40.96 0.95 0.00	33.70 0.79 0.00	30.45 0.67 0.00	32.16 0.66 0.00
FIBERTEK___ENERGY 23856	26.53 0.08 0.00	24.90 -0.20 0.00	22.53 -0.21 0.00	21.44 -0.18 0.00	19.66 -0.17 0.00	20.50 -0.12 0.00	23.58 -0.14 0.00	21.44 -0.09 0.00	23.08 -0.10 0.00	26.46 -0.15 0.00	30.69 -0.14 0.00	33.20 0.02 0.00	35.84 0.70 0.00	42.32 0.23 0.00	48.87 0.00 0.00	48.13 -0.19 0.00	42.80 -0.24 0.00	27.86 -0.10 0.00	39.20 -0.16 0.00	44.15 -0.21 0.00	39.84 -0.17 0.00	32.74 -0.17 0.00	29.63 -0.16 0.00	31.32 -0.19 0.00
FITZPATRICK____ 23598	25.61 -0.84 0.00	24.29 -0.80 0.00	21.99 -0.75 0.00	20.93 -0.69 0.00	19.21 -0.62 0.00	19.99 -0.63 0.00	22.98 -0.74 0.00	20.89 -0.64 0.00	22.49 -0.69 0.00	25.78 -0.84 0.00	29.86 -0.97 0.00	32.13 -1.06 0.00	34.00 -1.14 0.00	40.72 -1.38 0.00	47.34 -1.53 0.00	46.76 -1.57 0.00	41.63 -1.41 0.00	27.09 -0.87 0.00	38.08 -1.28 0.00	42.89 -1.47 0.00	38.71 -1.29 0.00	31.86 -1.05 0.00	28.85 -0.94 0.00	30.53 -0.98 0.00
FLOWRFLD_69_KV_BK1 356044	28.92 2.46 0.00	27.48 2.38 0.00	24.96 2.22 0.00	23.59 1.97 0.00	21.65 1.82 0.00	22.43 1.81 0.00	25.73 2.01 0.00	27.04 1.91 -3.59	29.31 2.07 -4.06	28.96 2.35 0.00	34.47 3.55 -0.09	37.09 3.90 0.00	39.24 4.10 0.00	46.89 4.78 -0.01	58.74 5.75 -4.13	54.44 5.54 -0.58	59.65 5.33 -11.29	91.39 3.53 -59.90	126.06 4.85 -81.85	71.94 4.84 -22.74	94.34 4.31 -50.02	50.72 2.93 -14.89	39.71 2.86 -7.06	36.89 3.44 -1.95
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.28 1.82 0.00	26.85 1.76 0.00	24.35 1.61 0.00	23.12 1.50 0.00	21.19 1.37 0.00	21.97 1.35 0.00	25.33 1.61 0.00	23.70 1.62 -0.55	25.60 1.79 -0.62	28.85 2.23 0.00	33.64 2.81 0.00	36.35 3.16 0.00	38.59 3.45 0.00	46.15 4.05 0.00	53.66 4.79 0.00	53.12 4.80 0.00	58.49 4.49 -10.96	64.79 2.96 -33.87	49.62 4.05 -6.21	48.55 4.18 0.00	43.51 3.50 0.00	35.55 2.64 0.00	32.10 2.31 0.00	33.90 2.39 0.00
FORT ORANGE____ 23900	27.14 0.68 0.00	25.81 0.71 0.00	23.50 0.76 0.00	22.37 0.75 0.00	20.52 0.69 0.00	21.30 0.68 0.00	24.48 0.75 0.00	23.01 0.65 -0.82	24.78 0.67 -0.92	27.54 0.93 0.00	31.92 1.09 0.00	34.28 1.09 0.00	36.21 1.07 0.00	43.43 1.33 0.00	50.35 1.48 0.00	49.81 1.48 0.00	67.43 1.50 -22.90	99.74 1.02 -70.77	53.75 1.41 -12.98	45.86 1.50 0.00	41.34 1.13 -0.21	36.74 0.77 -3.06	32.00 0.67 -1.54	32.62 0.77 -0.35
FORT_DRUM_COGEN 23780	26.62 0.16 0.00	25.17 0.07 0.00	22.72 -0.02 0.00	21.43 -0.19 0.00	19.69 -0.14 0.00	20.32 -0.30 0.00	23.67 -0.05 0.00	21.48 -0.05 0.00	22.86 -0.32 0.00	25.66 -0.96 0.00	26.77 -1.50 2.57	-0.30 -1.89 31.60	6.63 -1.46 27.05	3.95 -1.65 36.49	34.24 -0.75 13.88	7.03 -1.57 39.72	3.73 -2.24 37.06	-2.11 -1.46 28.60	10.26 -2.19 26.90	30.42 -1.55 12.39	39.77 -0.24 0.00	33.22 0.31 0.00	30.31 0.52 0.00	32.06 0.55 0.00
FPL_FAR_ROCK_GT1 24212	29.10 2.64 0.00	27.53 2.44 0.00	25.00 2.25 0.00	23.66 2.04 0.00	21.71 1.88 0.00	22.49 1.87 0.00	25.86 2.14 0.00	27.20 2.07 -3.59	29.47 2.23 -4.06	29.26 2.65 0.00	34.39 3.47 -0.09	36.96 3.77 0.00	39.07 3.93 0.00	46.61 4.51 0.00	55.00 5.66 -0.47	54.21 5.89 0.00	59.39 5.31 -11.05	91.30 3.47 -59.88	109.39 4.75 -65.28	57.88 4.77 -8.75	76.67 4.22 -32.45	79.71 3.14 -43.66	49.19 2.91 -16.50	36.66 3.20 -1.95
FPL_FAR_ROCK_GT2 23815	29.10 2.64 0.00	27.53 2.44 0.00	25.00 2.25 0.00	23.66 2.04 0.00	21.71 1.88 0.00	22.49 1.87 0.00	25.86 2.14 0.00	27.20 2.07 -3.59	29.47 2.23 -4.06	29.26 2.65 0.00	34.39 3.47 -0.09	36.96 3.77 0.00	39.07 3.93 0.00	46.61 4.51 0.00	55.00 5.66 -0.47	54.21 5.89 0.00	59.39 5.31 -11.05	91.30 3.47 -59.88	109.39 4.75 -65.28	57.88 4.77 -8.75	76.67 4.22 -32.45	79.71 3.14 -43.66	49.19 2.91 -16.50	36.66 3.20 -1.95
FRANKLIN_FALL_HYD 24054	27.10 0.65 0.00	25.53 0.43 0.00	23.02 0.28 0.00	21.82 0.19 0.00	19.99 0.16 0.00	20.76 0.13 0.00	23.92 0.20 0.00	21.67 0.13 0.00	23.37 0.18 0.00	26.80 0.18 0.00	29.08 -0.54 1.21	17.81 -0.53 14.85	21.68 -0.75 12.71	23.65 -1.29 17.16	48.14 -2.04 -1.32	47.16 -1.71 -0.55	25.13 -1.03 16.88	22.58 -0.94 4.44	26.10 -0.61 12.64	37.40 -1.14 5.82	39.28 -0.73 0.00	32.98 0.07 0.00	29.90 0.11 0.00	31.66 0.16 0.00
FREEPORT_EQUS_GT1 23764	28.79 2.33 0.00	27.31 2.21 0.00	24.81 2.07 0.00	23.47 1.85 0.00	21.54 1.72 0.00	22.32 1.71 0.00	25.65 1.93 0.00	27.00 1.87 -3.59	29.24 2.00 -4.06	28.97 2.36 0.00	34.33 3.41 -0.09	36.88 3.69 0.00	38.95 3.81 0.00	46.52 4.43 0.00	54.72 5.38 -0.47	53.46 5.13 0.00	58.95 4.86 -11.05	91.05 3.22 -59.88	109.04 4.40 -65.28	57.54 4.43 -8.75	76.40 3.94 -32.45	60.45 2.92 -24.62	42.85 2.81 -10.25	36.62 3.17 -1.95
FREEPORT___CT2 23818	28.79 2.33 0.00	27.31 2.21 0.00	24.81 2.07 0.00	23.47 1.85 0.00	21.54 1.72 0.00	22.32 1.71 0.00	25.65 1.93 0.00	27.00 1.87 -3.59	29.24 2.00 -4.06	28.97 2.36 0.00	34.33 3.41 -0.09	36.88 3.69 0.00	38.95 3.81 0.00	46.52 4.43 0.00	54.72 5.38 -0.47	53.46 5.13 0.00	58.95 4.86 -11.05	91.05 3.22 -59.88	109.04 4.40 -65.28	57.54 4.43 -8.75	76.40 3.94 -32.45	60.45 2.92 -24.62	42.85 2.81 -10.25	36.62 3.17 -1.95
FRESHKLS_33_KV_LOAD 356253	28.32 1.87 0.00	26.83 1.74 0.00	24.35 1.61 0.00	23.08 1.46 0.00	21.17 1.35 0.00	21.94 1.33 0.00	25.31 1.59 0.00	26.61 1.59 -3.49	27.56 1.74 -2.64	58.89 2.15 -30.12	33.98 2.79 -0.36	34.72 3.05 1.51	35.93 3.24 2.45	35.49 3.72 10.32	48.70 4.40 4.57	52.76 4.43 0.00	58.01 4.18 -10.79	64.03 2.71 -33.36	49.12 3.65 -6.11	48.13 3.78 0.01	42.04 3.23 1.20	38.95 2.42 -3.62	36.28 2.26 -4.24	35.34 2.44 -1.40
FULTON COGEN____ 23766	25.92 -0.53 0.00	24.57 -0.52 0.00	22.24 -0.50 0.00	21.16 -0.46 0.00	19.43 -0.40 0.00	20.22 -0.40 0.00	23.26 -0.46 0.00	21.16 -0.38 0.00	22.76 -0.43 0.00	26.04 -0.58 0.00	29.96 -0.68 0.19	30.04 -0.73 2.41	32.38 -0.69 2.07	38.41 -0.90 2.79	46.91 -0.85 1.10	44.15 -1.04 3.14	39.19 -1.03 2.82	25.17 -0.61 2.18	36.43 -0.88 2.05	42.43 -0.99 0.94	39.15 -0.86 0.00	32.23 -0.68 0.00	29.18 -0.60 0.00	30.89 -0.62 0.00

FULTON___LFGE 323630	29.14 2.68 0.00	27.53 2.43 0.00	24.84 2.11 0.00	23.57 1.95 0.00	21.63 1.81 0.00	22.55 1.93 0.00	26.08 2.36 0.00	24.27 2.09 -0.64	26.04 2.12 -0.73	28.95 2.33 0.00	33.12 2.29 0.00	35.35 2.17 0.00	38.22 3.08 0.00	46.46 4.36 0.00	54.35 5.49 0.00	53.32 5.00 0.00	79.32 3.89 -32.40	131.27 3.22 -100.10	62.15 4.44 -18.36	49.09 4.73 0.00	44.70 4.69 0.00	36.63 3.72 0.00	33.03 3.25 0.00	34.84 3.33 0.00
G.F.CEMENT___DRP 24184	28.28 1.83 0.00	26.96 1.86 0.00	24.51 1.76 0.00	23.28 1.65 0.00	21.36 1.53 0.00	22.22 1.60 0.00	25.68 1.96 0.00	24.12 1.78 -0.80	25.99 1.90 -0.91	28.83 2.22 0.00	33.30 2.47 0.00	35.99 2.80 0.00	38.27 3.13 0.00	45.94 3.84 0.00	53.32 4.45 0.00	53.13 4.81 0.00	82.18 4.72 -34.42	137.36 3.08 -106.33	63.16 4.31 -19.50	48.82 4.46 0.00	44.06 3.85 -0.20	38.64 2.71 -3.02	33.60 2.30 -1.52	34.15 2.30 -0.34
GARDENVILLE___LBMP 24039	26.82 0.36 0.00	25.25 0.15 0.00	22.26 -0.48 0.00	21.08 -0.54 0.00	19.16 -0.66 0.00	20.20 -0.42 0.00	23.11 -0.37 0.24	21.15 -0.38 0.00	23.11 -0.08 0.00	26.48 -0.14 0.00	30.58 -0.25 0.00	30.73 -0.77 1.68	19.19 -1.01 14.95	30.84 -1.50 9.75	39.32 -1.63 7.92	39.74 -1.70 6.88	41.69 -1.55 -0.20	32.44 -0.80 -5.29	39.09 -1.23 -0.97	42.70 -1.67 0.00	39.01 -1.00 0.00	32.45 -0.46 0.00	29.60 -0.19 0.00	31.63 0.13 0.00
GARDNVLA_35_KV_LD 355827	26.94 0.48 0.00	25.36 0.26 0.00	22.35 -0.39 0.00	21.18 -0.44 0.00	19.24 -0.59 0.00	20.28 -0.33 0.00	23.26 -0.27 0.19	21.24 -0.29 0.00	23.23 0.04 0.00	26.62 0.01 0.00	30.76 -0.07 0.00	31.26 -0.57 1.36	22.24 -0.84 12.05	32.95 -1.27 7.87	41.14 -1.34 6.39	41.35 -1.41 5.56	42.26 -1.27 -0.50	32.66 -0.62 -5.32	39.34 -1.00 -0.98	42.94 -1.42 0.00	39.23 -0.78 0.00	32.62 -0.29 0.00	29.74 -0.05 0.00	31.77 0.26 0.00
GELCKHM___115KV_LOAD 80723	26.28 -0.18 0.00	24.78 -0.31 0.00	22.41 -0.33 0.00	21.32 -0.30 0.00	19.56 -0.27 0.00	20.38 -0.24 0.00	23.45 -0.28 0.00	21.33 -0.21 0.00	22.97 -0.22 0.00	26.33 -0.28 0.00	30.54 -0.29 0.00	32.94 -0.25 0.00	35.21 0.07 0.00	41.88 -0.22 0.00	48.53 -0.34 0.00	47.84 -0.48 0.00	42.55 -0.48 0.00	27.69 -0.26 0.00	38.95 -0.41 0.00	43.86 -0.51 0.00	39.58 -0.43 0.00	32.55 -0.36 0.00	29.45 -0.34 0.00	31.16 -0.35 0.00
GENERAL___MILLS 23808	26.88 0.43 0.00	25.31 0.22 0.00	22.31 -0.43 0.00	21.14 -0.48 0.00	19.21 -0.62 0.00	20.25 -0.36 0.00	23.21 -0.31 0.21	21.20 -0.33 0.00	23.18 -0.01 0.00	26.56 -0.05 0.00	30.67 -0.16 0.00	31.08 -0.66 1.45	21.39 -0.91 12.84	32.33 -1.38 8.38	40.60 -1.47 6.81	40.85 -1.55 5.92	42.05 -1.41 -0.42	32.56 -0.71 -5.31	39.22 -1.11 -0.97	42.83 -1.54 0.00	39.12 -0.89 0.00	32.53 -0.37 0.00	29.67 -0.12 0.00	31.70 0.19 0.00
GE_PLASTICS___DRP 24183	27.10 0.65 0.00	25.79 0.69 0.00	23.47 0.73 0.00	22.33 0.72 0.00	20.49 0.66 0.00	21.26 0.65 0.00	24.43 0.71 0.00	22.97 0.62 -0.82	24.74 0.63 -0.92	27.44 0.83 0.00	31.78 0.95 0.00	34.04 0.85 0.00	35.97 0.83 0.00	43.11 1.02 0.00	49.99 1.12 0.00	49.45 1.12 0.00	65.01 1.14 -20.84	93.02 0.75 -64.31	52.19 1.04 -11.80	45.49 1.12 0.00	41.03 0.81 -0.21	36.48 0.52 -3.05	31.82 0.50 -1.53	32.56 0.70 -0.35
GILBOA___1 23756	27.22 0.77 0.00	25.96 0.87 0.00	23.64 0.90 0.00	22.48 0.86 0.00	20.62 0.79 0.00	21.40 0.78 0.00	24.54 0.82 0.00	22.74 0.69 -0.52	24.50 0.72 -0.59	27.51 0.89 0.00	31.95 1.12 0.00	34.42 1.23 0.00	36.48 1.34 0.00	43.67 1.58 0.00	50.66 1.79 0.00	50.08 1.76 0.00	54.55 1.63 -9.88	59.51 1.03 -30.52	46.41 1.45 -5.60	45.98 1.61 0.00	41.33 1.32 0.00	33.88 0.97 0.00	30.63 0.85 0.00	32.41 0.91 0.00
GILBOA___2 23757	27.22 0.77 0.00	25.96 0.87 0.00	23.64 0.90 0.00	22.48 0.86 0.00	20.62 0.79 0.00	21.40 0.78 0.00	24.54 0.82 0.00	22.74 0.69 -0.52	24.50 0.72 -0.59	27.51 0.89 0.00	31.95 1.12 0.00	34.42 1.23 0.00	36.48 1.34 0.00	43.67 1.58 0.00	50.66 1.79 0.00	50.08 1.76 0.00	54.55 1.63 -9.88	59.51 1.03 -30.52	46.41 1.45 -5.60	45.98 1.61 0.00	41.33 1.32 0.00	33.88 0.97 0.00	30.63 0.85 0.00	32.41 0.91 0.00
GILBOA___3 23758	27.22 0.77 0.00	25.96 0.87 0.00	23.64 0.90 0.00	22.48 0.86 0.00	20.62 0.79 0.00	21.40 0.78 0.00	24.54 0.82 0.00	22.74 0.69 -0.52	24.50 0.72 -0.59	27.51 0.89 0.00	31.95 1.12 0.00	34.42 1.23 0.00	36.48 1.34 0.00	43.67 1.58 0.00	50.66 1.79 0.00	50.08 1.76 0.00	54.55 1.63 -9.88	59.51 1.03 -30.52	46.41 1.45 -5.60	45.98 1.61 0.00	41.33 1.32 0.00	33.88 0.97 0.00	30.63 0.85 0.00	32.41 0.91 0.00
GILBOA___4 23759	27.22 0.77 0.00	25.96 0.87 0.00	23.64 0.90 0.00	22.48 0.86 0.00	20.62 0.79 0.00	21.40 0.78 0.00	24.54 0.82 0.00	22.74 0.69 -0.52	24.50 0.72 -0.59	27.51 0.89 0.00	31.95 1.12 0.00	34.42 1.23 0.00	36.48 1.34 0.00	43.67 1.58 0.00	50.66 1.79 0.00	50.08 1.76 0.00	54.55 1.63 -9.88	59.51 1.03 -30.52	46.41 1.45 -5.60	45.98 1.61 0.00	41.33 1.32 0.00	33.88 0.97 0.00	30.63 0.85 0.00	32.41 0.91 0.00
GILBOA___ 23599	27.23 0.77 0.00	25.97 0.87 0.00	23.64 0.90 0.00	22.47 0.86 0.00	20.62 0.79 0.00	21.40 0.78 0.00	24.54 0.82 0.00	22.74 0.69 -0.52	24.50 0.72 -0.59	27.51 0.89 0.00	31.95 1.12 0.00	34.43 1.24 0.00	36.48 1.35 0.00	43.67 1.58 0.00	50.66 1.80 0.00	50.08 1.76 0.00	54.55 1.64 -9.88	59.51 1.03 -30.52	46.41 1.46 -5.60	45.98 1.61 0.00	41.34 1.32 0.00	33.88 0.97 0.00	30.64 0.85 0.00	32.42 0.91 0.00
GINNA___ 23603	25.45 -1.01 0.00	24.01 -1.09 0.00	21.47 -1.27 0.00	20.40 -1.22 0.00	18.65 -1.18 0.00	19.55 -1.06 0.00	22.56 -1.16 0.00	20.52 -1.01 0.00	22.30 -0.89 0.00	25.61 -1.01 0.00	29.64 -1.19 0.00	31.75 -1.43 0.00	33.58 -1.56 0.00	39.92 -2.17 0.00	46.33 -2.54 0.00	45.72 -2.60 0.00	41.98 -2.18 -1.12	30.11 -1.33 -3.48	38.02 -1.97 -0.64	41.94 -2.42 0.00	37.98 -2.03 0.00	31.37 -1.54 0.00	28.42 -1.37 0.00	30.14 -1.37 0.00
GLEN PARK___ 23778	26.69 0.24 0.00	25.22 0.13 0.00	22.77 0.03 0.00	21.48 -0.14 0.00	19.73 -0.10 0.00	20.39 -0.23 0.00	23.80 0.08 0.00	21.62 0.09 0.00	23.01 -0.18 0.00	25.78 -0.83 0.00	27.07 -1.34 2.42	1.57 -1.74 29.88	8.41 -1.16 25.57	6.28 -1.31 34.51	35.50 -0.24 13.13	9.50 -1.27 37.55	5.91 -2.09 35.04	-0.45 -1.37 27.04	11.91 -2.01 25.44	31.35 -1.30 11.71	40.07 0.06 0.00	33.47 0.56 0.00	30.52 0.74 0.00	32.26 0.75 0.00
GLENDALE_27_KV_LOAD 356172	28.49 2.04 0.00	27.05 1.95 0.00	24.54 1.80 0.00	23.27 1.65 0.00	21.36 1.53 0.00	22.13 1.51 0.00	25.51 1.79 0.00	26.94 1.78 -3.62	29.23 1.95 -4.09	29.01 2.40 0.00	33.87 3.04 0.00	36.53 3.34 0.00	38.69 3.55 0.00	46.19 4.10 0.00	53.70 4.84 0.00	53.16 4.84 0.00	58.40 4.57 -10.79	64.28 2.96 -33.35	49.48 4.01 -6.11	48.50 4.14 0.01	44.38 3.53 -0.84	48.05 2.66 -12.48	38.51 2.44 -6.28	35.53 2.60 -1.43

GLENWOOD_IC_1_G5 23712	28.55 2.10 0.00	27.10 2.00 0.00	24.60 1.86 0.00	23.31 1.69 0.00	21.39 1.56 0.00	22.16 1.54 0.00	25.51 1.79 0.00	26.87 1.75 -3.59	29.14 1.90 -4.06	28.93 2.32 0.00	34.09 3.17 -0.09	36.63 3.44 0.00	38.79 3.65 0.00	46.21 4.11 0.00	54.25 4.92 -0.47	53.23 4.91 0.00	58.72 4.65 -11.04	90.88 3.05 -59.88	108.78 4.14 -65.28	57.37 4.26 -8.75	76.25 3.80 -32.45	57.92 2.81 -22.20	41.80 2.55 -9.46	36.26 2.81 -1.95
GLENWOOD_IC_2_G1 23688	28.39 1.94 0.00	26.94 1.85 0.00	24.46 1.72 0.00	23.19 1.57 0.00	21.28 1.45 0.00	22.05 1.43 0.00	25.38 1.66 0.00	26.76 1.63 -3.59	29.01 1.76 -4.06	28.77 2.16 0.00	33.85 2.93 -0.09	36.39 3.20 0.00	38.54 3.40 0.00	46.05 3.96 0.00	54.07 4.73 -0.47	53.07 4.75 0.00	58.56 4.48 -11.05	90.76 2.92 -59.88	108.61 3.97 -65.28	57.16 4.05 -8.75	75.91 3.46 -32.45	55.81 2.56 -20.34	40.97 2.33 -8.85	36.01 2.56 -1.95
GLENWOOD_IC_3_G1 23689	28.39 1.94 0.00	26.94 1.85 0.00	24.46 1.72 0.00	23.19 1.57 0.00	21.28 1.45 0.00	22.05 1.43 0.00	25.38 1.66 0.00	26.76 1.63 -3.59	29.01 1.76 -4.06	28.77 2.16 0.00	33.85 2.93 -0.09	36.39 3.20 0.00	38.54 3.40 0.00	46.05 3.96 0.00	54.07 4.73 -0.47	53.07 4.75 0.00	58.56 4.48 -11.05	90.76 2.92 -59.88	108.61 3.97 -65.28	57.16 4.05 -8.75	75.91 3.46 -32.45	55.81 2.56 -20.34	40.97 2.33 -8.85	36.01 2.56 -1.95
GLENWOOD___4 23550	28.55 2.10 0.00	27.10 2.00 0.00	24.60 1.86 0.00	23.31 1.69 0.00	21.39 1.56 0.00	22.16 1.54 0.00	25.51 1.79 0.00	26.87 1.75 -3.59	29.14 1.90 -4.06	28.93 2.32 0.00	34.10 3.18 -0.09	36.65 3.46 0.00	38.82 3.68 0.00	46.32 4.22 0.00	54.37 5.03 -0.47	53.34 5.01 0.00	58.82 4.75 -11.04	90.94 3.11 -59.88	108.86 4.22 -65.28	57.45 4.34 -8.75	76.25 3.80 -32.45	57.92 2.81 -22.20	41.80 2.55 -9.46	36.26 2.81 -1.95
GLENWOOD___5 23614	28.55 2.10 0.00	27.10 2.00 0.00	24.60 1.86 0.00	23.31 1.69 0.00	21.39 1.56 0.00	22.16 1.54 0.00	25.51 1.79 0.00	26.87 1.75 -3.59	29.14 1.90 -4.06	28.93 2.32 0.00	34.10 3.18 -0.09	36.65 3.46 0.00	38.82 3.68 0.00	46.32 4.22 0.00	54.37 5.03 -0.47	53.34 5.01 0.00	58.82 4.75 -11.04	90.94 3.11 -59.88	108.86 4.22 -65.28	57.45 4.34 -8.75	76.25 3.80 -32.45	57.92 2.81 -22.20	41.80 2.55 -9.46	36.26 2.81 -1.95
GLOBAL GREEN_PORT_GT1 23814	30.04 3.58 0.00	28.48 3.38 0.00	25.81 3.07 0.00	24.38 2.76 0.00	22.36 2.53 0.00	23.19 2.57 0.00	26.66 2.94 0.00	27.97 2.84 -3.59	30.37 3.13 -4.06	29.34 2.72 0.00	35.44 4.52 -0.09	38.29 5.10 0.00	40.47 5.33 0.00	48.64 6.54 0.00	58.70 7.92 -1.91	56.21 7.66 -0.23	61.17 6.99 -11.14	92.47 4.62 -59.89	117.53 6.39 -71.78	65.05 6.44 -14.24	85.76 6.40 -39.35	52.48 4.77 -14.81	41.18 4.35 -7.04	38.35 4.89 -1.95
GLOBE___DSASP 323697	26.00 -0.45 0.00	24.47 -0.62 0.00	21.59 -1.15 0.00	20.50 -1.11 0.00	18.65 -1.18 0.00	19.67 -0.94 0.00	22.55 -1.01 0.16	20.50 -1.04 0.00	22.46 -0.73 0.00	25.66 -0.95 0.00	29.59 -1.24 0.00	30.05 -2.03 1.11	23.15 -2.15 9.83	32.48 -3.19 6.43	39.89 -3.75 5.23	39.95 -3.83 4.54	40.13 -3.44 -0.53	30.66 -2.05 -4.75	37.16 -3.07 -0.87	40.63 -3.73 0.00	37.18 -2.83 0.00	31.05 -1.86 0.00	28.53 -1.26 0.00	30.60 -0.91 0.00
GOETHSLN___LBMP 323567	28.19 1.73 0.00	26.75 1.66 0.00	24.28 1.54 0.00	23.02 1.41 0.00	21.14 1.31 0.00	21.89 1.27 0.00	25.21 1.49 0.00	26.52 1.51 -3.49	27.48 1.67 -2.63	28.71 2.10 0.00	33.51 2.68 0.00	36.18 3.00 0.00	37.46 3.16 0.83	38.48 3.64 7.26	52.66 4.33 0.54	52.72 4.39 0.00	57.99 4.16 -10.80	64.04 2.72 -33.36	49.17 3.69 -6.12	48.06 3.70 0.00	42.40 3.07 0.67	39.04 2.25 -3.88	36.55 2.06 -4.70	35.23 2.29 -1.43
GOLAH___69_KV_TB 1_2 80279	27.05 0.59 0.00	25.45 0.35 0.00	22.62 -0.12 0.00	21.46 -0.16 0.00	19.60 -0.23 0.00	20.58 -0.04 0.00	23.85 0.13 0.00	21.58 0.05 0.00	23.49 0.30 0.00	26.98 0.37 0.00	31.18 0.35 0.00	33.27 0.08 0.00	35.20 0.05 0.00	41.81 -0.29 0.00	48.51 -0.36 0.00	47.73 -0.59 0.00	43.80 -0.43 -1.20	31.50 -0.16 -3.70	39.76 -0.28 -0.68	43.86 -0.50 0.00	39.87 -0.13 0.00	33.01 0.10 0.00	29.96 0.17 0.00	31.78 0.28 0.00
GOODYEAR_LAKE_HYD 323669	27.72 1.27 0.00	26.25 1.15 0.00	23.71 0.98 0.00	22.52 0.89 0.00	20.64 0.81 0.00	21.50 0.88 0.00	24.77 1.05 0.00	22.50 0.96 0.00	24.23 1.05 0.00	27.84 1.22 0.00	32.35 1.52 0.00	34.95 1.76 0.00	36.99 1.85 0.00	44.37 2.27 0.00	51.55 2.68 0.00	50.88 2.56 0.00	57.94 2.24 -12.66	68.61 1.52 -39.13	48.64 2.10 -7.18	46.66 2.29 0.00	42.10 2.09 0.00	34.59 1.68 0.00	31.29 1.51 0.00	33.07 1.56 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.91 0.46 0.00	25.51 0.41 0.00	22.94 0.20 0.00	21.78 0.16 0.00	19.98 0.16 0.00	20.88 0.26 0.00	24.11 0.39 0.00	21.90 0.37 0.00	23.59 0.40 0.00	27.11 0.50 0.00	31.43 0.60 0.00	33.80 0.62 0.00	35.73 0.59 0.00	42.81 0.72 0.00	49.76 0.89 0.00	49.28 0.96 0.00	47.45 0.78 -3.64	39.77 0.56 -11.25	42.16 0.73 -2.07	44.94 0.58 0.00	40.61 0.60 0.00	33.38 0.47 0.00	30.22 0.43 0.00	31.99 0.48 0.00
GOUDEY___7 23579	26.94 0.48 0.00	25.54 0.44 0.00	22.96 0.22 0.00	21.80 0.18 0.00	20.00 0.17 0.00	20.90 0.28 0.00	24.13 0.41 0.00	21.92 0.39 0.00	23.61 0.43 0.00	27.14 0.52 0.00	31.47 0.64 0.00	33.84 0.65 0.00	35.78 0.64 0.00	42.87 0.78 0.00	49.82 0.96 0.00	49.34 1.01 0.00	47.52 0.84 -3.64	39.81 0.60 -11.25	42.21 0.79 -2.07	45.00 0.64 0.00	40.65 0.64 0.00	33.42 0.51 0.00	30.25 0.47 0.00	32.02 0.52 0.00
GOUDEY___8 23580	26.91 0.46 0.00	25.51 0.41 0.00	22.94 0.20 0.00	21.78 0.16 0.00	19.98 0.16 0.00	20.88 0.26 0.00	24.11 0.39 0.00	21.90 0.37 0.00	23.59 0.40 0.00	27.11 0.50 0.00	31.43 0.60 0.00	33.80 0.62 0.00	35.73 0.59 0.00	42.81 0.72 0.00	49.76 0.89 0.00	49.28 0.96 0.00	47.45 0.78 -3.64	39.77 0.56 -11.25	42.16 0.73 -2.07	44.94 0.58 0.00	40.61 0.60 0.00	33.38 0.47 0.00	30.22 0.43 0.00	31.99 0.48 0.00
GOWANUS_GT1_1 24077	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43
GOWANUS_GT1_2 24078	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43

GOWANUS_GT1_3 24079	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43
GOWANUS_GT1_4 24080	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43
GOWANUS_GT1_5 24084	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43
GOWANUS_GT1_6 24111	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43
GOWANUS_GT1_7 24112	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43
GOWANUS_GT1_8 24113	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43
GOWANUS_GT2_1 24114	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
GOWANUS_GT2_2 24115	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
GOWANUS_GT2_3 24116	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
GOWANUS_GT2_4 24117	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
GOWANUS_GT2_5 24118	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
GOWANUS_GT2_6 24119	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
GOWANUS_GT2_7 24120	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
GOWANUS_GT2_8 24121	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
GOWANUS_GT3_1 24122	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43

GOWANUS_GT3_2 24123	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
GOWANUS_GT3_3 24124	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
GOWANUS_GT3_4 24125	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
GOWANUS_GT3_5 24126	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
GOWANUS_GT3_6 24127	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
GOWANUS_GT3_7 24128	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
GOWANUS_GT3_8 24129	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
GOWANUS_GT4_1 24130	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43
GOWANUS_GT4_2 24131	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43
GOWANUS_GT4_3 24132	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43
GOWANUS_GT4_4 24133	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43
GOWANUS_GT4_5 24134	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43
GOWANUS_GT4_6 24135	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43
GOWANUS_GT4_7 24136	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43
GOWANUS_GT4_8 24137	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43

GREENBSH_115KV_TB3 55895	26.97 0.52 0.00	25.66 0.57 0.00	23.37 0.63 0.00	22.25 0.63 0.00	20.41 0.58 0.00	21.18 0.57 0.00	24.33 0.61 0.00	22.89 0.52 -0.84	24.67 0.53 -0.95	27.34 0.72 0.00	31.65 0.82 0.00	34.01 0.82 0.00	36.01 0.87 0.00	43.18 1.09 0.00	50.06 1.19 0.00	49.53 1.20 0.00	67.72 1.26 -23.42	101.13 0.81 -72.37	53.72 1.09 -13.27	45.51 1.15 0.00	41.03 0.81 -0.21	36.57 0.53 -3.13	31.84 0.47 -1.57	32.43 0.56 -0.36
GREENDGE_115KV_TB5 80291	27.00 0.55 0.00	25.47 0.37 0.00	22.77 0.03 0.00	21.56 -0.06 0.00	19.72 -0.11 0.00	20.68 0.07 0.00	24.23 0.21 -0.30	21.74 0.20 0.00	23.47 0.29 0.00	26.87 0.25 0.00	30.96 0.13 0.00	35.43 0.14 -2.10	54.12 0.37 -18.61	54.31 0.20 -12.01	58.83 0.28 -9.68	56.61 -0.12 -8.41	46.91 -0.04 -3.91	34.53 0.20 -6.38	40.94 0.41 -1.17	44.68 0.31 0.00	40.49 0.48 0.00	33.34 0.43 0.00	30.29 0.50 0.00	31.97 0.46 0.00
GREENIDGE___3 23582	27.00 0.55 0.00	25.47 0.37 0.00	22.77 0.03 0.00	21.56 -0.06 0.00	19.72 -0.11 0.00	20.68 0.07 0.00	24.23 0.21 -0.30	21.74 0.20 0.00	23.47 0.29 0.00	26.87 0.25 0.00	30.96 0.13 0.00	35.43 0.14 -2.10	54.12 0.37 -18.61	54.31 0.20 -12.01	58.83 0.28 -9.68	56.61 -0.12 -8.41	46.91 -0.04 -3.91	34.53 0.20 -6.38	40.94 0.41 -1.17	44.68 0.31 0.00	40.49 0.48 0.00	33.34 0.43 0.00	30.29 0.50 0.00	31.97 0.46 0.00
GREENIDGE___4 23583	27.00 0.55 0.00	25.47 0.37 0.00	22.77 0.03 0.00	21.56 -0.06 0.00	19.73 -0.10 0.00	20.68 0.06 0.00	24.23 0.21 -0.30	21.74 0.20 0.00	23.47 0.28 0.00	26.87 0.26 0.00	30.96 0.13 0.00	35.44 0.15 -2.10	54.12 0.38 -18.60	54.27 0.20 -11.97	58.82 0.28 -9.67	56.61 -0.12 -8.41	46.91 -0.04 -3.91	34.53 0.20 -6.38	40.95 0.42 -1.17	44.67 0.31 0.00	40.49 0.48 0.00	33.33 0.42 0.00	30.29 0.50 0.00	31.96 0.46 0.00
GREENLWN_69_KV_BK 3 55738	28.54 2.09 0.00	27.14 2.04 0.00	24.67 1.93 0.00	23.34 1.72 0.00	21.42 1.59 0.00	22.19 1.57 0.00	25.44 1.72 0.00	26.74 1.62 -3.59	28.94 1.70 -4.06	28.46 1.85 0.00	33.89 2.97 -0.09	36.42 3.23 0.00	38.43 3.29 0.00	45.94 3.85 0.00	52.51 4.72 1.08	52.72 4.64 0.24	58.41 4.43 -10.94	90.76 2.94 -59.86	101.61 4.01 -58.23	51.09 3.93 -2.80	68.35 3.37 -24.97	50.40 2.34 -15.14	39.20 2.27 -7.15	36.23 2.77 -1.95
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43
GRISSOM___SOLAR 323813	29.14 2.68 0.00	27.53 2.43 0.00	24.84 2.11 0.00	23.57 1.95 0.00	21.63 1.81 0.00	22.55 1.93 0.00	26.08 2.36 0.00	24.27 2.09 -0.64	26.04 2.12 -0.73	28.95 2.33 0.00	33.12 2.29 0.00	35.35 2.17 0.00	38.22 3.08 0.00	46.46 4.36 0.00	54.35 5.49 0.00	53.32 5.00 0.00	79.32 3.89 -32.40	131.27 3.22 -100.10	62.15 4.44 -18.36	49.09 4.73 0.00	44.70 4.69 0.00	36.63 3.72 0.00	33.03 3.25 0.00	34.84 3.33 0.00
GROVEVILLE___HYD 323602	28.28 1.82 0.00	26.85 1.76 0.00	24.35 1.61 0.00	23.12 1.50 0.00	21.19 1.37 0.00	21.97 1.35 0.00	25.33 1.61 0.00	23.70 1.62 -0.55	25.60 1.79 -0.62	28.85 2.23 0.00	33.64 2.81 0.00	36.35 3.16 0.00	38.59 3.45 0.00	46.15 4.05 0.00	53.66 4.79 0.00	53.12 4.80 0.00	58.49 4.49 -10.96	64.79 2.96 -33.87	49.62 4.05 -6.21	48.55 4.18 0.00	43.51 3.50 0.00	35.55 2.64 0.00	32.10 2.31 0.00	33.90 2.39 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.53 0.08 0.00	24.90 -0.20 0.00	22.53 -0.21 0.00	21.44 -0.18 0.00	19.66 -0.17 0.00	20.50 -0.12 0.00	23.58 -0.14 0.00	21.44 -0.09 0.00	23.08 -0.10 0.00	26.46 -0.15 0.00	30.69 -0.14 0.00	33.20 0.02 0.00	35.84 0.70 0.00	42.32 0.23 0.00	48.87 0.00 0.00	48.13 -0.19 0.00	42.80 -0.24 0.00	27.86 -0.10 0.00	39.20 -0.16 0.00	44.15 -0.21 0.00	39.84 -0.17 0.00	32.74 -0.17 0.00	29.63 -0.16 0.00	31.32 -0.19 0.00
HAMLTNNY_34_KV_TB 80303	26.75 0.30 0.00	24.96 -0.14 0.00	22.57 -0.17 0.00	21.50 -0.12 0.00	19.68 -0.14 0.00	20.55 -0.07 0.00	23.64 -0.08 0.00	21.49 -0.04 0.00	23.15 -0.04 0.00	26.55 -0.07 0.00	30.79 -0.04 0.00	33.36 0.17 0.00	36.38 1.24 0.00	42.57 0.48 0.00	48.91 0.04 0.00	48.23 -0.09 0.00	42.94 -0.09 0.00	27.95 0.00 0.00	39.34 -0.01 0.00	44.34 -0.02 0.00	40.02 0.01 0.00	32.85 -0.06 0.00	29.73 -0.05 0.00	31.43 -0.07 0.00
HAMPSHIRE___PAPER_HYD 323593	26.22 -0.24 0.00	24.77 -0.33 0.00	22.39 -0.35 0.00	21.18 -0.44 0.00	19.44 -0.38 0.00	20.10 -0.52 0.00	23.23 -0.49 0.00	21.02 -0.51 0.00	22.52 -0.66 0.00	25.57 -1.04 0.00	26.57 -1.58 2.69	-1.71 -1.80 33.10	5.05 -1.76 28.33	1.83 -2.04 38.23	33.14 -1.93 13.80	6.53 -2.02 39.78	2.30 -2.12 38.61	-1.99 -1.43 28.51	9.08 -2.11 28.18	29.44 -1.95 12.98	38.91 -1.10 0.00	32.40 -0.51 0.00	29.49 -0.30 0.00	31.15 -0.36 0.00
HARDSCRABBLE_WT_PWR 323673	26.26 -0.19 0.00	25.02 -0.08 0.00	22.72 -0.02 0.00	21.62 0.01 0.00	19.85 0.03 0.00	20.62 0.00 0.00	23.72 -0.01 0.00	21.45 -0.09 0.00	23.10 -0.08 0.00	26.61 0.00 0.00	31.17 0.12 -0.22	36.19 0.23 -2.78	37.87 0.36 -2.38	45.76 0.46 -3.21	50.39 0.25 -1.27	52.09 0.15 -3.62	46.85 0.50 -3.32	31.43 0.68 -2.80	42.57 0.85 -2.36	46.02 0.57 -1.09	40.32 0.31 0.00	33.04 0.14 0.00	29.78 -0.01 0.00	31.41 -0.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.00 1.55 0.00	26.58 1.48 0.00	24.11 1.37 0.00	22.87 1.25 0.00	20.97 1.14 0.00	21.74 1.12 0.00	25.06 1.34 0.00	19.23 1.32 3.62	20.55 1.46 4.10	28.49 1.88 0.00	33.26 2.43 0.00	35.94 2.75 0.00	38.19 3.05 0.00	45.66 3.57 0.00	53.13 4.26 0.00	52.68 4.36 0.00	57.12 4.13 -9.95	61.43 2.71 -30.76	48.67 3.67 -5.64	48.07 3.71 0.00	42.20 3.09 0.90	21.90 2.31 13.31	25.12 2.02 6.69	32.11 2.12 1.52
HARSNRAD_115KV_TB1 81005	26.55 0.10 0.00	24.99 -0.10 0.00	22.04 -0.71 0.00	20.91 -0.71 0.00	19.02 -0.81 0.00	20.06 -0.55 0.00	23.01 -0.55 0.16	20.92 -0.61 0.00	22.89 -0.30 0.00	26.18 -0.44 0.00	30.20 -0.63 0.00	30.87 -1.21 1.11	23.95 -1.36 9.83	33.61 -2.05 6.43	41.32 -2.32 5.23	41.33 -2.45 4.55	41.30 -2.26 -0.52	31.37 -1.30 -4.71	38.24 -1.99 -0.86	41.88 -2.49 0.00	38.29 -1.72 0.00	31.92 -0.99 0.00	29.17 -0.62 0.00	31.24 -0.26 0.00
HARZA MOOSE___RIVER 24016	26.85 0.40 0.00	25.42 0.32 0.00	22.99 0.24 0.00	21.74 0.12 0.00	19.97 0.15 0.00	20.71 0.09 0.00	23.93 0.21 0.00	21.70 0.16 0.00	23.27 0.08 0.00	26.45 -0.16 0.00	33.12 -0.38 -2.68	65.73 -0.42 -32.97	63.11 -0.24 -28.21	79.97 -0.20 -38.07	64.50 0.16 -15.47	92.25 0.07 -43.86	81.85 -0.15 -38.97	59.71 -0.14 -31.89	66.93 -0.49 -28.07	57.11 -0.19 -12.93	40.33 0.32 0.00	33.41 0.50 0.00	30.34 0.56 0.00	32.06 0.55 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	26.31 -0.15 0.00	24.89 -0.21 0.00	22.49 -0.25 0.00	21.39 -0.23 0.00	19.62 -0.21 0.00	20.45 -0.17 0.00	23.53 -0.19 0.00	21.40 -0.13 0.00	23.04 -0.14 0.00	26.42 -0.20 0.00	30.64 -0.19 0.00	33.01 -0.18 0.00	35.07 -0.07 0.00	41.89 -0.21 0.00	48.65 -0.21 0.00	48.03 -0.30 0.00	42.71 -0.33 0.00	27.79 -0.17 0.00	39.08 -0.28 0.00	43.96 -0.40 0.00	39.67 -0.34 0.00	32.63 -0.28 0.00	29.51 -0.27 0.00	31.23 -0.28 0.00
HELLGATE_13_KV_LD 55870	28.32 1.87 0.00	26.89 1.79 0.00	24.40 1.67 0.00	23.15 1.53 0.00	21.24 1.41 0.00	22.01 1.39 0.00	25.36 1.64 0.00	26.79 1.64 -3.62	29.06 1.79 -4.09	28.82 2.21 0.00	33.65 2.82 0.00	36.28 3.09 0.00	38.40 3.27 0.00	45.83 3.73 0.00	53.27 4.41 0.00	52.74 4.42 0.00	58.01 4.18 -10.79	64.02 2.71 -33.35	49.13 3.66 -6.11	48.13 3.77 0.01	44.06 3.21 -0.84	47.80 2.41 -12.48	38.29 2.23 -6.28	35.31 2.38 -1.43
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.32 1.87 0.00	26.89 1.79 0.00	24.40 1.67 0.00	23.15 1.53 0.00	21.24 1.41 0.00	22.01 1.39 0.00	25.36 1.64 0.00	26.79 1.64 -3.62	29.06 1.79 -4.09	28.82 2.21 0.00	33.65 2.82 0.00	36.28 3.09 0.00	38.40 3.27 0.00	45.83 3.73 0.00	53.27 4.41 0.00	52.74 4.42 0.00	58.01 4.18 -10.79	64.02 2.71 -33.35	49.13 3.66 -6.11	48.13 3.77 0.01	44.06 3.21 -0.84	47.80 2.41 -12.48	38.29 2.23 -6.28	35.31 2.38 -1.43
HEMPSTEAD____ 23647	28.52 2.07 0.00	27.08 1.98 0.00	24.61 1.87 0.00	23.30 1.67 0.00	21.37 1.54 0.00	22.15 1.53 0.00	25.47 1.75 0.00	26.82 1.70 -3.59	29.07 1.82 -4.06	28.80 2.18 0.00	34.04 3.12 -0.09	36.58 3.39 0.00	38.67 3.53 0.00	46.21 4.11 0.00	54.31 4.97 -0.47	53.23 4.90 0.00	58.74 4.66 -11.05	90.90 3.07 -59.88	108.81 4.17 -65.28	57.32 4.20 -8.75	76.11 3.66 -32.45	57.90 2.68 -22.31	41.79 2.50 -9.50	36.27 2.82 -1.95
HEWLETT__69_KV_BK3 55828	28.91 2.46 0.00	27.38 2.29 0.00	24.86 2.12 0.00	23.53 1.92 0.00	21.59 1.77 0.00	22.38 1.76 0.00	25.73 2.01 0.00	27.06 1.94 -3.59	29.32 2.07 -4.06	29.08 2.46 0.00	34.28 3.36 -0.09	36.83 3.64 0.00	38.95 3.82 0.00	46.52 4.42 0.00	54.81 5.47 -0.47	53.90 5.58 0.00	59.22 5.14 -11.04	91.19 3.36 -59.88	109.23 4.59 -65.28	57.72 4.61 -8.75	76.49 4.03 -32.45	79.56 2.99 -43.66	49.08 2.80 -16.50	36.55 3.10 -1.95
HICKLING__1 23621	27.20 0.75 0.00	25.75 0.65 0.00	22.95 0.21 0.00	21.70 0.08 0.00	19.84 0.02 0.00	20.81 0.19 0.00	24.23 0.40 -0.11	21.91 0.37 0.00	23.62 0.43 0.00	27.18 0.57 0.00	31.45 0.62 0.00	34.53 0.58 -0.76	42.17 0.45 -6.58	46.41 0.35 -3.96	52.43 0.61 -2.95	51.66 0.78 -2.55	46.82 0.50 -3.28	36.92 0.55 -8.41	41.80 0.90 -1.54	45.10 0.74 0.00	40.94 0.93 0.00	33.73 0.82 0.00	30.55 0.77 0.00	32.36 0.85 0.00
HICKLING__2 23622	27.20 0.75 0.00	25.75 0.65 0.00	22.95 0.21 0.00	21.70 0.08 0.00	19.84 0.02 0.00	20.81 0.19 0.00	24.23 0.40 -0.11	21.91 0.37 0.00	23.62 0.43 0.00	27.18 0.57 0.00	31.45 0.62 0.00	34.53 0.58 -0.76	42.17 0.45 -6.58	46.41 0.35 -3.96	52.43 0.61 -2.95	51.66 0.78 -2.55	46.82 0.50 -3.28	36.92 0.55 -8.41	41.80 0.90 -1.54	45.10 0.74 0.00	40.94 0.93 0.00	33.73 0.82 0.00	30.55 0.77 0.00	32.36 0.85 0.00
HIGH FALLS__HY 23754	28.08 1.62 0.00	26.64 1.54 0.00	24.15 1.41 0.00	22.91 1.28 0.00	20.99 1.16 0.00	21.77 1.15 0.00	25.09 1.37 0.00	23.07 1.54 0.00	24.92 1.73 0.00	28.71 2.10 0.00	33.49 2.66 0.00	36.25 3.06 0.00	38.79 3.66 0.00	46.27 4.17 0.00	53.70 4.83 0.00	52.97 4.64 0.00	59.17 4.21 -11.92	67.79 2.97 -36.86	50.33 4.21 -6.76	48.64 4.28 0.00	43.58 3.57 0.00	35.60 2.69 0.00	32.10 2.31 0.00	33.79 2.28 0.00
HILLBURN__GT 23639	27.89 1.43 0.00	26.48 1.39 0.00	24.04 1.30 0.00	22.81 1.19 0.00	20.92 1.09 0.00	21.66 1.04 0.00	24.97 1.25 0.00	18.54 1.25 4.25	19.74 1.35 4.80	28.37 1.75 0.00	33.16 2.33 0.00	35.86 2.67 0.00	38.07 2.93 0.00	45.49 3.40 0.00	52.92 4.05 0.00	52.35 4.03 0.00	56.98 3.82 -10.13	61.77 2.50 -31.31	48.46 3.36 -5.74	47.70 3.34 0.00	41.73 2.78 1.05	19.41 2.05 15.55	23.81 1.84 7.82	31.71 1.98 1.78
HILLSIDE_115KV_TB1 80332	26.66 0.20 0.00	25.27 0.17 0.00	22.54 -0.20 0.00	21.36 -0.26 0.00	19.59 -0.23 0.00	20.54 -0.07 0.00	23.89 0.09 -0.08	21.64 0.10 0.00	23.30 0.11 0.00	26.82 0.21 0.00	31.07 0.24 -0.58	33.98 0.21 -5.13	40.32 0.05 -3.25	45.35 0.00 -2.58	51.61 0.16 -2.58	50.85 0.29 -2.24	46.35 0.00 -3.32	36.83 0.14 -8.74	41.18 0.22 -1.60	44.25 -0.11 0.00	40.10 0.09 0.00	32.98 0.07 0.00	29.90 0.11 0.00	31.69 0.18 0.00
HISHELDN_WT_PWR 323625	26.72 0.27 0.00	25.19 0.09 0.00	22.24 -0.50 0.00	20.98 -0.63 0.00	18.99 -0.83 0.00	19.97 -0.65 0.00	22.50 -0.67 0.55	20.85 -0.68 0.00	22.74 -0.44 0.00	26.07 -0.55 0.00	30.11 -0.72 0.00	28.10 -1.22 3.87	-0.73 -1.47 34.40	17.60 -2.08 22.41	28.45 -2.25 18.17	30.18 -2.34 15.80	39.37 -2.05 1.62	32.69 -1.01 -5.75	39.05 -1.36 -1.06	42.73 -1.63 0.00	39.11 -0.90 0.00	32.51 -0.40 0.00	29.59 -0.20 0.00	31.59 0.08 0.00
HOLTSVILLE_IC_1 23690	28.70 2.25 0.00	27.28 2.18 0.00	24.81 2.07 0.00	23.45 1.83 0.00	21.52 1.70 0.00	22.30 1.68 0.00	25.57 1.85 0.00	26.87 1.75 -3.59	29.11 1.87 -4.06	28.71 2.10 0.00	34.12 3.20 -0.09	36.70 3.51 0.00	38.80 3.66 0.00	46.41 4.31 0.00	55.85 5.29 -1.70	53.67 5.15 -0.19	59.08 4.91 -11.13	91.08 3.24 -59.88	114.62 4.44 -70.82	62.20 4.41 -13.43	82.21 3.88 -38.32	50.34 2.65 -14.78	39.38 2.56 -7.03	36.58 3.13 -1.95
HOLTSVILLE_IC_10 23699	28.93 2.47 0.00	27.48 2.38 0.00	24.98 2.24 0.00	23.60 1.98 0.00	21.66 1.83 0.00	22.45 1.83 0.00	25.75 2.02 0.00	27.05 1.93 -3.59	29.33 2.09 -4.06	28.97 2.35 0.00	34.46 3.54 -0.09	37.05 3.86 0.00	39.18 4.04 0.00	46.87 4.76 -0.01	57.24 5.82 -2.56	54.33 5.68 -0.33	59.66 5.44 -11.19	91.42 3.57 -59.89	119.00 4.92 -74.72	66.00 4.91 -16.72	86.81 4.35 -42.46	50.83 3.00 -14.92	39.74 2.88 -7.07	36.89 3.44 -1.95
HOLTSVILLE_IC_2 23691	28.70 2.25 0.00	27.28 2.18 0.00	24.81 2.07 0.00	23.45 1.83 0.00	21.52 1.70 0.00	22.30 1.68 0.00	25.57 1.85 0.00	26.87 1.75 -3.59	29.11 1.87 -4.06	28.71 2.10 0.00	34.12 3.20 -0.09	36.70 3.51 0.00	38.80 3.66 0.00	46.41 4.31 0.00	55.85 5.29 -1.70	53.67 5.15 -0.19	59.08 4.91 -11.13	91.08 3.24 -59.88	114.62 4.44 -70.82	62.20 4.41 -13.43	82.21 3.88 -38.32	50.34 2.65 -14.78	39.38 2.56 -7.03	36.58 3.13 -1.95
HOLTSVILLE_IC_3 23692	28.70 2.25 0.00	27.28 2.18 0.00	24.81 2.07 0.00	23.45 1.83 0.00	21.52 1.70 0.00	22.30 1.68 0.00	25.57 1.85 0.00	26.87 1.75 -3.59	29.11 1.87 -4.06	28.71 2.10 0.00	34.12 3.20 -0.09	36.70 3.51 0.00	38.80 3.66 0.00	46.41 4.31 0.00	55.85 5.29 -1.70	53.67 5.15 -0.19	59.08 4.91 -11.13	91.08 3.24 -59.88	114.62 4.44 -70.82	62.20 4.41 -13.43	82.21 3.88 -38.32	50.34 2.65 -14.78	39.38 2.56 -7.03	36.58 3.13 -1.95

HOLTSVILLE_IC_4 23693	28.70 2.25 0.00	27.28 2.18 0.00	24.81 2.07 0.00	23.45 1.83 0.00	21.52 1.70 0.00	22.30 1.68 0.00	25.57 1.85 0.00	26.87 1.75 -3.59	29.11 1.87 -4.06	28.71 2.10 0.00	34.12 3.20 -0.09	36.70 3.51 0.00	38.80 3.66 0.00	46.41 4.31 0.00	55.85 5.29 -1.70	53.67 5.15 -0.19	59.08 4.91 -11.13	91.08 3.24 -59.88	114.62 4.44 -70.82	62.20 4.41 -13.43	82.21 3.88 -38.32	50.34 2.65 -14.78	39.38 2.56 -7.03	36.58 3.13 -1.95
HOLTSVILLE_IC_5 23694	28.70 2.25 0.00	27.28 2.18 0.00	24.81 2.07 0.00	23.45 1.83 0.00	21.52 1.70 0.00	22.30 1.68 0.00	25.57 1.85 0.00	26.87 1.75 -3.59	29.11 1.87 -4.06	28.71 2.10 0.00	34.12 3.20 -0.09	36.70 3.51 0.00	38.80 3.66 0.00	46.41 4.31 0.00	55.85 5.29 -1.70	53.67 5.15 -0.19	59.08 4.91 -11.13	91.08 3.24 -59.88	114.62 4.44 -70.82	62.20 4.41 -13.43	82.21 3.88 -38.32	50.34 2.65 -14.78	39.38 2.56 -7.03	36.58 3.13 -1.95
HOLTSVILLE_IC_6 23695	28.93 2.47 0.00	27.48 2.38 0.00	24.98 2.24 0.00	23.60 1.98 0.00	21.66 1.83 0.00	22.45 1.83 0.00	25.75 2.02 0.00	27.05 1.93 -3.59	29.33 2.09 -4.06	28.97 2.35 0.00	34.46 3.54 -0.09	37.05 3.86 0.00	39.18 4.04 0.00	46.87 4.76 -0.01	57.24 5.82 -2.56	54.33 5.68 -0.33	59.66 5.44 -11.19	91.42 3.57 -59.89	119.00 4.92 -74.72	66.00 4.91 -16.72	86.81 4.35 -42.46	50.83 3.00 -14.92	39.74 2.88 -7.07	36.89 3.44 -1.95
HOLTSVILLE_IC_7 23696	28.93 2.47 0.00	27.48 2.38 0.00	24.98 2.24 0.00	23.60 1.98 0.00	21.66 1.83 0.00	22.45 1.83 0.00	25.75 2.02 0.00	27.05 1.93 -3.59	29.33 2.09 -4.06	28.97 2.35 0.00	34.46 3.54 -0.09	37.05 3.86 0.00	39.18 4.04 0.00	46.87 4.76 -0.01	57.24 5.82 -2.56	54.33 5.68 -0.33	59.66 5.44 -11.19	91.42 3.57 -59.89	119.00 4.92 -74.72	66.00 4.91 -16.72	86.81 4.35 -42.46	50.83 3.00 -14.92	39.74 2.88 -7.07	36.89 3.44 -1.95
HOLTSVILLE_IC_8 23697	28.93 2.47 0.00	27.48 2.38 0.00	24.98 2.24 0.00	23.60 1.98 0.00	21.66 1.83 0.00	22.45 1.83 0.00	25.75 2.02 0.00	27.05 1.93 -3.59	29.33 2.09 -4.06	28.97 2.35 0.00	34.46 3.54 -0.09	37.05 3.86 0.00	39.18 4.04 0.00	46.87 4.76 -0.01	57.24 5.82 -2.56	54.33 5.68 -0.33	59.66 5.44 -11.19	91.42 3.57 -59.89	119.00 4.92 -74.72	66.00 4.91 -16.72	86.81 4.35 -42.46	50.83 3.00 -14.92	39.74 2.88 -7.07	36.89 3.44 -1.95
HOLTSVILLE_IC_9 23698	28.93 2.47 0.00	27.48 2.38 0.00	24.98 2.24 0.00	23.60 1.98 0.00	21.66 1.83 0.00	22.45 1.83 0.00	25.75 2.02 0.00	27.05 1.93 -3.59	29.33 2.09 -4.06	28.97 2.35 0.00	34.46 3.54 -0.09	37.05 3.86 0.00	39.18 4.04 0.00	46.87 4.76 -0.01	57.24 5.82 -2.56	54.33 5.68 -0.33	59.66 5.44 -11.19	91.42 3.57 -59.89	119.00 4.92 -74.72	66.00 4.91 -16.72	86.81 4.35 -42.46	50.83 3.00 -14.92	39.74 2.88 -7.07	36.89 3.44 -1.95
HOMER_HL_115KV_TB2 355744	26.97 0.51 0.00	25.55 0.45 0.00	22.64 -0.11 0.00	21.45 -0.18 0.00	19.57 -0.26 0.00	20.63 0.01 0.00	23.96 0.28 0.04	21.77 0.23 0.00	23.56 0.37 0.00	26.94 0.33 0.00	30.99 0.16 0.00	32.61 -0.33 0.25	32.40 -0.54 2.20	39.78 -0.85 1.47	46.79 -0.88 1.20	46.44 -0.84 1.05	43.76 -1.02 -1.75	33.43 -0.65 -6.13	39.54 -0.94 -1.12	42.99 -1.38 0.00	39.13 -0.88 0.00	32.47 -0.45 0.00	29.69 -0.09 0.00	31.75 0.25 0.00
HOWARD_WT_PWR 323690	26.82 0.37 0.00	25.55 0.45 0.00	22.63 -0.11 0.00	21.14 -0.48 0.00	19.08 -0.75 0.00	20.05 -0.57 0.00	23.80 -0.55 -0.63	21.00 -0.54 0.00	22.65 -0.54 0.00	25.96 -0.66 0.00	29.91 -0.92 0.00	36.55 -1.06 -4.43	73.36 -1.15 -39.37	65.30 -2.30 -25.50	66.94 -2.58 -20.65	63.51 -2.77 -17.96	47.09 -2.12 -6.18	34.22 -0.61 -6.87	40.27 -0.35 -1.26	44.04 -0.32 0.00	40.46 0.45 0.00	33.54 0.63 0.00	30.44 0.65 0.00	32.35 0.85 0.00
HQ_GEN_CEDARS 23644	26.34 -0.12 0.00	24.90 -0.20 0.00	22.53 -0.21 0.00	21.41 -0.22 0.00	19.62 -0.20 0.00	20.40 -0.22 0.00	23.48 -0.24 0.00	21.25 -0.28 0.00	22.90 -0.29 0.00	26.24 -0.37 0.00	29.07 -0.62 1.14	18.49 -0.66 14.04	22.44 -0.68 12.02	25.11 -0.77 16.22	42.10 -1.00 5.77	30.65 -1.01 16.66	26.14 -0.98 15.91	17.05 -0.67 10.23	26.60 -0.81 11.95	38.01 -0.85 5.51	39.41 -0.60 0.00	32.61 -0.30 0.00	29.54 -0.25 0.00	31.21 -0.30 0.00
HQ_GEN_CEDARS_PROXY 323590	26.34 -0.11 0.00	25.11 -0.20 -0.21	22.53 -0.21 0.00	21.41 -0.22 0.00	19.62 -0.20 0.00	20.40 -0.22 0.00	23.48 -0.24 0.00	21.25 -0.28 0.00	22.90 -0.29 0.00	26.24 -0.37 0.00	29.07 -0.62 1.14	18.49 -0.66 14.04	22.43 -0.68 12.02	25.11 -0.77 16.22	42.10 -1.00 5.77	30.65 -1.01 16.66	26.14 -0.98 15.91	17.05 -0.67 10.23	26.59 -0.81 11.95	38.01 -0.85 5.51	39.41 -0.60 0.00	32.95 -0.30 -0.34	29.54 -0.24 0.00	31.21 -0.30 0.00
HQ_GEN_IMPORT 323601	26.31 -0.14 0.00	24.92 -0.18 0.00	22.56 -0.18 0.00	21.45 -0.17 0.00	19.67 -0.16 0.00	20.47 -0.15 0.00	23.54 -0.18 0.00	21.34 -0.19 0.00	22.99 -0.19 0.00	26.38 -0.23 0.00	30.48 -0.34 0.00	32.82 -0.37 0.00	34.74 -0.40 0.00	41.62 -0.48 0.00	48.24 -0.63 0.00	47.48 -0.63 0.21	39.87 -0.65 2.51	25.53 -0.44 1.99	37.02 -0.52 1.82	43.87 -0.50 0.00	39.61 -0.40 0.00	32.13 -0.24 0.54	29.58 -0.20 0.00	31.27 -0.24 0.00
HQ_GEN_WHEEL 23651	26.31 -0.14 0.00	24.92 -0.18 0.00	22.56 -0.18 0.00	21.45 -0.17 0.00	19.67 -0.16 0.00	20.47 -0.15 0.00	23.54 -0.18 0.00	21.34 -0.19 0.00	22.99 -0.19 0.00	26.38 -0.23 0.00	30.48 -0.34 0.00	32.82 -0.37 0.00	34.74 -0.40 0.00	41.62 -0.48 0.00	48.24 -0.63 0.00	47.48 -0.63 0.21	39.87 -0.65 2.51	25.53 -0.44 1.99	37.02 -0.52 1.82	43.87 -0.50 0.00	39.61 -0.40 0.00	32.13 -0.24 0.54	29.58 -0.20 0.00	31.27 -0.24 0.00
HUDSON_AVE_GT_3 23810	28.39 1.94 0.00	26.94 1.84 0.00	24.44 1.70 0.00	23.18 1.57 0.00	21.28 1.45 0.00	22.04 1.43 0.00	25.41 1.69 0.00	26.85 1.70 -3.62	29.15 1.87 -4.09	28.95 2.33 0.00	33.77 2.94 0.00	36.44 3.25 0.00	38.60 3.46 0.00	46.12 4.02 0.00	53.64 4.77 0.00	53.15 4.83 0.00	58.38 4.55 -10.80	64.26 2.95 -33.36	49.48 4.00 -6.12	48.46 4.10 0.00	44.29 3.43 -0.85	47.97 2.57 -12.49	38.41 2.35 -6.28	35.47 2.53 -1.43
HUDSON_AVE_GT_4 23540	28.39 1.94 0.00	26.94 1.84 0.00	24.44 1.70 0.00	23.18 1.57 0.00	21.28 1.45 0.00	22.04 1.43 0.00	25.41 1.69 0.00	26.85 1.70 -3.62	29.15 1.87 -4.09	28.95 2.33 0.00	33.77 2.94 0.00	36.44 3.25 0.00	38.60 3.46 0.00	46.12 4.02 0.00	53.64 4.77 0.00	53.15 4.83 0.00	58.38 4.55 -10.80	64.26 2.95 -33.36	49.48 4.00 -6.12	48.46 4.10 0.00	44.29 3.43 -0.85	47.97 2.57 -12.49	38.41 2.35 -6.28	35.47 2.53 -1.43
HUDSON_AVE_GT_5 23657	28.39 1.94 0.00	26.94 1.84 0.00	24.44 1.70 0.00	23.18 1.57 0.00	21.28 1.45 0.00	22.04 1.43 0.00	25.41 1.69 0.00	26.85 1.70 -3.62	29.15 1.87 -4.09	28.95 2.33 0.00	33.77 2.94 0.00	36.44 3.25 0.00	38.60 3.46 0.00	46.12 4.02 0.00	53.64 4.77 0.00	53.15 4.83 0.00	58.38 4.55 -10.80	64.26 2.95 -33.36	49.48 4.00 -6.12	48.46 4.10 0.00	44.29 3.43 -0.85	47.97 2.57 -12.49	38.41 2.35 -6.28	35.47 2.53 -1.43

HUDSON_AVE_10 24168	28.31 1.86 0.00	26.87 1.77 0.00	24.37 1.63 0.00	23.12 1.50 0.00	21.22 1.39 0.00	21.98 1.36 0.00	25.34 1.62 0.00	26.78 1.63 -3.62	29.07 1.79 -4.09	28.85 2.24 0.00	33.64 2.81 0.00	36.31 3.13 0.00	38.47 3.33 0.00	45.94 3.84 0.00	53.40 4.54 0.00	52.95 4.63 0.00	58.20 4.37 -10.80	64.14 2.83 -33.36	49.31 3.83 -6.12	48.29 3.93 0.00	44.14 3.28 -0.85	47.86 2.46 -12.49	38.32 2.26 -6.28	35.37 2.44 -1.43
HUDSON___115KV_TB 4 355613	27.56 1.11 0.00	26.20 1.11 0.00	23.83 1.09 0.00	22.68 1.07 0.00	20.80 0.97 0.00	21.60 0.99 0.00	24.86 1.14 0.00	23.27 1.02 -0.72	25.05 1.05 -0.82	28.14 1.53 0.00	32.71 1.88 0.00	35.01 1.82 0.00	36.78 1.64 0.00	44.11 2.02 0.00	51.14 2.28 0.00	50.60 2.28 0.00	65.95 2.21 -20.71	93.71 1.60 -64.15	53.35 2.23 -11.76	46.77 2.41 0.00	42.12 1.92 -0.19	37.03 1.36 -2.75	32.34 1.17 -1.38	33.09 1.27 -0.31
HUNTER MOUNT___DRP 323613	27.71 1.26 0.00	26.35 1.25 0.00	23.96 1.22 0.00	22.80 1.19 0.00	20.92 1.09 0.00	21.75 1.13 0.00	25.02 1.30 0.00	23.28 1.16 -0.59	25.03 1.17 -0.67	28.31 1.70 0.00	32.86 2.03 0.00	35.04 1.85 0.00	36.80 1.66 0.00	44.14 2.04 0.00	51.18 2.31 0.00	50.73 2.40 0.00	64.16 2.32 -18.81	87.95 1.75 -58.24	52.45 2.41 -10.68	47.08 2.71 0.00	42.18 2.17 0.00	34.47 1.57 0.00	31.13 1.34 0.00	32.97 1.47 0.00
HUNTINGTON_RES_REC 323705	28.75 2.30 0.00	27.33 2.23 0.00	24.84 2.09 0.00	23.47 1.85 0.00	21.54 1.71 0.00	22.32 1.70 0.00	25.59 1.87 0.00	26.90 1.77 -3.59	29.13 1.89 -4.06	28.73 2.11 0.00	34.20 3.28 -0.09	36.77 3.58 0.00	38.87 3.73 0.00	46.50 4.36 -0.04	65.23 5.35 -11.02	55.22 5.23 -1.67	59.77 4.99 -11.75	91.22 3.31 -59.95	157.00 4.54 -113.10	97.99 4.50 -49.13	127.11 3.93 -83.17	50.54 2.71 -14.93	39.47 2.61 -7.08	36.60 3.15 -1.95
HUNTLEY___63 23557	26.77 0.32 0.00	25.18 0.08 0.00	22.21 -0.53 0.00	21.07 -0.55 0.00	19.17 -0.66 0.00	20.23 -0.39 0.00	23.21 -0.34 0.17	21.13 -0.40 0.00	23.14 -0.04 0.00	26.49 -0.12 0.00	30.57 -0.26 0.00	31.06 -0.94 1.19	23.45 -1.12 10.57	33.42 -1.77 6.91	41.26 -2.00 5.61	41.30 -2.14 4.88	41.62 -1.94 -0.52	31.82 -1.07 -4.93	38.58 -1.68 -0.90	42.19 -2.18 0.00	38.56 -1.45 0.00	32.16 -0.75 0.00	29.47 -0.31 0.00	31.51 0.00 0.00
HUNTLEY___64 23558	26.77 0.32 0.00	25.18 0.08 0.00	22.21 -0.53 0.00	21.07 -0.55 0.00	19.17 -0.66 0.00	20.23 -0.39 0.00	23.21 -0.34 0.17	21.13 -0.40 0.00	23.14 -0.04 0.00	26.49 -0.12 0.00	30.57 -0.26 0.00	31.06 -0.94 1.19	23.45 -1.12 10.57	33.42 -1.77 6.91	41.26 -2.00 5.61	41.30 -2.14 4.88	41.62 -1.94 -0.52	31.82 -1.07 -4.93	38.58 -1.68 -0.90	42.19 -2.18 0.00	38.56 -1.45 0.00	32.16 -0.75 0.00	29.47 -0.31 0.00	31.51 0.00 0.00
HUNTLEY___65 23559	26.77 0.32 0.00	25.18 0.08 0.00	22.21 -0.53 0.00	21.07 -0.55 0.00	19.17 -0.66 0.00	20.23 -0.39 0.00	23.21 -0.34 0.17	21.13 -0.40 0.00	23.14 -0.04 0.00	26.49 -0.12 0.00	30.57 -0.26 0.00	31.06 -0.94 1.19	23.45 -1.12 10.57	33.42 -1.77 6.91	41.26 -2.00 5.61	41.30 -2.14 4.88	41.62 -1.94 -0.52	31.82 -1.07 -4.93	38.58 -1.68 -0.90	42.19 -2.18 0.00	38.56 -1.45 0.00	32.16 -0.75 0.00	29.47 -0.31 0.00	31.51 0.00 0.00
HUNTLEY___66 23560	26.77 0.32 0.00	25.18 0.08 0.00	22.21 -0.53 0.00	21.07 -0.55 0.00	19.17 -0.66 0.00	20.23 -0.39 0.00	23.21 -0.34 0.17	21.13 -0.40 0.00	23.14 -0.04 0.00	26.49 -0.12 0.00	30.57 -0.26 0.00	31.06 -0.94 1.19	23.45 -1.12 10.57	33.42 -1.77 6.91	41.26 -2.00 5.61	41.30 -2.14 4.88	41.62 -1.94 -0.52	31.82 -1.07 -4.93	38.58 -1.68 -0.90	42.19 -2.18 0.00	38.56 -1.45 0.00	32.16 -0.75 0.00	29.47 -0.31 0.00	31.51 0.00 0.00
HUNTLEY___67 23561	26.53 0.08 0.00	24.98 -0.12 0.00	22.03 -0.71 0.00	20.89 -0.73 0.00	19.00 -0.82 0.00	20.03 -0.59 0.00	22.95 -0.58 0.20	20.93 -0.60 0.00	22.89 -0.29 0.00	26.21 -0.41 0.00	30.23 -0.60 0.00	30.63 -1.17 1.39	21.34 -1.44 12.35	31.98 -2.05 8.06	40.03 -2.29 6.55	40.24 -2.39 5.69	41.30 -2.12 -0.38	31.82 -1.19 -5.05	38.46 -1.82 -0.93	42.04 -2.32 0.00	38.43 -1.58 0.00	31.99 -0.92 0.00	29.21 -0.57 0.00	31.25 -0.25 0.00
HUNTLEY___68 23562	26.53 0.08 0.00	24.98 -0.12 0.00	22.03 -0.71 0.00	20.89 -0.73 0.00	19.00 -0.82 0.00	20.03 -0.59 0.00	22.95 -0.58 0.20	20.93 -0.60 0.00	22.89 -0.29 0.00	26.21 -0.41 0.00	30.23 -0.60 0.00	30.63 -1.17 1.39	21.34 -1.44 12.35	31.98 -2.05 8.06	40.03 -2.29 6.55	40.24 -2.39 5.69	41.30 -2.12 -0.38	31.82 -1.19 -5.05	38.46 -1.82 -0.93	42.04 -2.32 0.00	38.43 -1.58 0.00	31.99 -0.92 0.00	29.21 -0.57 0.00	31.25 -0.25 0.00
HYLAND___LFGE 323620	28.09 1.64 0.00	26.53 1.44 0.00	23.56 0.82 0.00	22.25 0.63 0.00	20.24 0.41 0.00	21.29 0.68 0.00	25.37 0.95 -0.70	22.11 0.57 0.00	23.25 0.07 0.00	26.65 0.03 0.00	30.62 -0.21 0.00	37.24 -0.88 -4.93	77.84 -1.11 -43.82	68.60 -1.93 -28.43	69.64 -2.25 -23.02	66.26 -2.09 -20.02	47.71 -1.52 -6.19	32.81 -0.66 -5.51	39.56 -0.81 -1.01	43.91 -0.46 0.00	40.85 0.84 0.00	34.03 1.12 0.00	30.83 1.04 0.00	33.32 1.82 0.00
INDECK___CORINTH 23802	28.13 1.68 0.00	26.83 1.74 0.00	24.39 1.65 0.00	23.16 1.54 0.00	21.25 1.42 0.00	22.11 1.49 0.00	25.55 1.83 0.00	24.01 1.67 -0.80	25.88 1.79 -0.90	28.72 2.11 0.00	33.20 2.37 0.00	35.87 2.68 0.00	38.13 2.99 0.00	45.78 3.69 0.00	53.18 4.31 0.00	52.99 4.67 0.00	82.38 4.51 -34.84	138.53 2.95 -107.63	63.20 4.10 -19.74	48.69 4.32 0.00	43.96 3.75 -0.20	38.46 2.55 -3.00	33.44 2.15 -1.51	33.99 2.14 -0.34
INDECK___ILION 23567	26.39 -0.06 0.00	25.10 0.00 0.00	22.77 0.03 0.00	21.66 0.04 0.00	19.88 0.05 0.00	20.66 0.04 0.00	23.78 0.06 0.00	21.57 0.03 0.00	23.23 0.04 0.00	26.71 0.09 0.00	31.19 0.14 -0.22	36.16 0.19 -2.78	37.78 0.27 -2.38	45.71 0.41 -3.21	50.59 0.45 -1.27	52.32 0.37 -3.62	46.86 0.51 -3.32	31.19 0.44 -2.80	42.28 0.55 -2.36	45.90 0.44 -1.09	40.29 0.28 0.00	33.05 0.14 0.00	29.85 0.06 0.00	31.52 0.01 0.00
INDECK___OLEAN 23982	26.96 0.51 0.00	25.55 0.45 0.00	22.64 -0.10 0.00	21.44 -0.18 0.00	19.57 -0.25 0.00	20.63 0.01 0.00	23.96 0.27 0.04	21.77 0.23 0.00	23.56 0.37 0.00	26.94 0.33 0.00	31.00 0.17 0.25	32.61 -0.33 2.21	32.44 -0.49 1.47	39.79 -0.84 1.47	46.80 -0.87 1.20	46.44 -0.84 1.05	43.77 -1.02 -1.75	33.44 -0.64 -6.13	39.54 -0.94 -1.12	42.98 -1.39 0.00	39.13 -0.88 0.00	32.47 -0.44 0.00	29.70 -0.08 0.00	31.76 0.25 0.00
INDECK___OSWEGO 23783	25.73 -0.72 0.00	24.41 -0.69 0.00	22.11 -0.63 0.00	21.05 -0.57 0.00	19.32 -0.51 0.00	20.10 -0.52 0.00	23.12 -0.60 0.00	21.02 -0.51 0.00	22.59 -0.60 0.00	25.76 -0.86 0.00	29.45 -1.07 0.32	28.08 -1.20 3.91	30.52 -1.28 3.34	36.07 -1.51 4.51	45.50 -1.58 1.79	41.54 -1.70 5.09	36.87 -1.59 4.57	23.41 -0.99 3.56	34.59 -1.44 3.33	41.23 -1.60 1.53	38.66 -1.35 0.00	31.85 -1.06 0.00	29.00 -0.79 0.00	30.74 -0.77 0.00

INDECK___YERKES 23781	26.80 0.34 0.00	25.21 0.11 0.00	22.24 -0.50 0.00	21.09 -0.53 0.00	19.19 -0.64 0.00	20.25 -0.37 0.00	23.24 -0.31 0.17	21.16 -0.37 0.00	23.18 -0.01 0.00	26.53 -0.09 0.00	30.61 -0.22 0.00	31.10 -0.90 1.19	23.52 -1.04 10.57	33.42 -1.77 6.91	41.27 -1.99 5.61	41.30 -2.14 4.88	41.63 -1.92 -0.52	31.84 -1.04 -4.93	38.59 -1.67 -0.90	42.17 -2.19 0.00	38.56 -1.44 0.00	32.20 -0.71 0.00	29.52 -0.27 0.00	31.54 0.04 0.00
INDIAN POINT_GT_1 24139	28.03 1.58 0.00	26.63 1.53 0.00	24.18 1.43 0.00	22.94 1.32 0.00	21.04 1.21 0.00	21.80 1.18 0.00	25.12 1.40 0.00	27.14 1.39 -4.21	29.45 1.51 -4.76	28.52 1.90 0.00	33.30 2.47 0.00	35.94 2.76 0.00	38.08 2.95 0.00	45.50 3.40 0.00	52.91 4.04 0.00	52.47 4.15 0.00	57.62 3.94 -10.65	63.44 2.56 -32.91	48.87 3.48 -6.04	47.89 3.53 0.00	50.05 2.96 -7.08	139.67 2.20 -104.56	84.33 1.98 -52.55	45.58 2.13 -11.94
INDIAN POINT_GT_2 23659	28.03 1.58 0.00	26.63 1.53 0.00	24.18 1.43 0.00	22.94 1.32 0.00	21.04 1.21 0.00	21.80 1.18 0.00	25.12 1.40 0.00	27.14 1.39 -4.21	29.45 1.51 -4.76	28.52 1.90 0.00	33.30 2.47 0.00	35.94 2.76 0.00	38.08 2.95 0.00	45.50 3.40 0.00	52.91 4.04 0.00	52.47 4.15 0.00	57.62 3.94 -10.65	63.44 2.56 -32.91	48.87 3.48 -6.04	47.89 3.53 0.00	50.05 2.96 -7.08	139.67 2.20 -104.56	84.33 1.98 -52.55	45.58 2.13 -11.94
INDIAN POINT_GT_3 24019	28.03 1.58 0.00	26.63 1.53 0.00	24.18 1.43 0.00	22.94 1.32 0.00	21.04 1.21 0.00	21.80 1.18 0.00	25.12 1.40 0.00	27.14 1.39 -4.21	29.45 1.51 -4.76	28.52 1.90 0.00	33.30 2.47 0.00	35.94 2.76 0.00	38.08 2.95 0.00	45.50 3.40 0.00	52.91 4.04 0.00	52.47 4.15 0.00	57.62 3.94 -10.65	63.44 2.56 -32.91	48.87 3.48 -6.04	47.89 3.53 0.00	50.05 2.96 -7.08	139.67 2.20 -104.56	84.33 1.98 -52.55	45.58 2.13 -11.94
INDIAN POINT___2 23530	27.98 1.53 0.00	26.58 1.48 0.00	24.13 1.39 0.00	22.90 1.27 0.00	21.00 1.17 0.00	21.75 1.13 0.00	25.07 1.35 0.00	28.48 1.34 -5.60	30.97 1.46 -6.33	28.46 1.84 0.00	33.24 2.40 0.00	35.87 2.68 0.00	37.99 2.86 0.00	45.40 3.31 0.00	52.79 3.92 0.00	52.38 4.05 0.00	57.34 3.85 -10.46	62.79 2.50 -32.33	48.67 3.39 -5.93	47.79 3.43 0.00	40.83 2.86 2.05	4.81 2.13 30.22	16.51 1.92 15.19	30.12 2.06 3.45
INDIAN POINT___3 23531	27.98 1.53 0.00	26.58 1.49 0.00	24.13 1.39 0.00	22.90 1.28 0.00	21.00 1.18 0.00	21.77 1.15 0.00	25.08 1.36 0.00	27.19 1.34 -4.31	29.51 1.45 -4.88	28.45 1.83 0.00	33.22 2.39 0.00	35.85 2.66 0.00	37.98 2.84 0.00	45.37 3.28 0.00	52.76 3.89 0.00	52.33 4.00 0.00	57.49 3.80 -10.66	63.37 2.47 -32.94	48.74 3.34 -6.04	47.75 3.39 0.00	42.44 2.83 0.40	29.14 2.10 5.87	28.73 1.90 2.96	32.87 2.04 0.67
INGHAM_C_115KV_TB7 356103	26.17 -0.28 0.00	24.97 -0.13 0.00	22.70 -0.03 0.00	21.61 -0.01 0.00	19.84 0.02 0.00	20.63 0.02 0.00	23.75 0.03 0.00	21.51 -0.02 0.00	23.18 -0.01 0.00	26.71 0.10 0.00	31.25 0.19 -0.22	36.25 0.28 -2.78	37.96 0.44 -2.38	45.95 0.64 -3.21	50.78 0.64 -1.27	52.45 0.50 -3.62	47.19 0.83 -3.32	31.60 0.85 -2.80	42.78 1.06 -2.36	46.19 0.73 -1.09	40.34 0.33 0.00	33.00 0.09 0.00	29.71 -0.08 0.00	31.30 -0.21 0.00
IP CORINTH___1 23988	28.15 1.70 0.00	26.84 1.74 0.00	24.39 1.65 0.00	23.16 1.54 0.00	21.26 1.43 0.00	22.11 1.49 0.00	25.55 1.83 0.00	24.01 1.67 -0.80	25.88 1.79 -0.90	28.72 2.11 0.00	33.20 2.37 0.00	35.87 2.68 0.00	38.14 3.00 0.00	45.78 3.69 0.00	53.19 4.32 0.00	52.99 4.67 0.00	82.38 4.51 -34.84	138.53 2.95 -107.63	63.20 4.10 -19.74	48.68 4.32 0.00	43.96 3.74 -0.20	38.46 2.55 -3.00	33.44 2.15 -1.51	33.99 2.14 -0.34
IP___TICONDEROGA 23804	29.34 2.89 0.00	28.01 2.92 0.00	25.50 2.76 0.00	24.19 2.57 0.00	22.21 2.38 0.00	23.11 2.49 0.00	26.82 3.09 0.00	25.09 2.75 -0.80	27.13 3.04 -0.91	29.96 3.35 0.00	34.41 3.58 0.00	37.54 4.36 0.00	40.00 4.86 0.00	47.95 5.85 0.00	55.57 6.70 0.00	55.30 6.98 0.00	84.37 6.92 -34.42	138.64 4.35 -106.33	64.93 6.07 -19.50	51.17 6.80 0.00	46.03 5.81 -0.20	40.26 4.34 -3.01	35.24 3.94 -1.51	35.74 3.89 -0.34
ISLIP_RES_REC 323679	29.13 2.68 0.00	27.65 2.56 0.00	25.13 2.38 0.00	23.74 2.12 0.00	21.78 1.95 0.00	22.58 1.96 0.00	25.91 2.18 0.00	27.22 2.09 -3.59	29.53 2.28 -4.06	29.21 2.60 0.00	34.74 3.82 -0.09	37.38 4.19 0.00	39.55 4.41 0.00	47.32 5.22 -0.01	57.58 6.37 -2.34	54.83 6.21 -0.30	60.13 5.93 -11.17	91.73 3.88 -59.89	118.44 5.34 -73.74	65.62 5.37 -15.89	86.17 4.74 -41.42	51.23 3.31 -15.02	40.03 3.14 -7.11	37.15 3.70 -1.95
JAMAICA__27_KV_LOAD 355505	28.54 2.09 0.00	27.08 1.98 0.00	24.55 1.81 0.00	23.29 1.67 0.00	21.38 1.55 0.00	22.15 1.53 0.00	25.52 1.81 0.00	26.95 1.80 -3.62	29.26 1.98 -4.09	29.04 2.42 0.00	33.82 2.98 0.00	36.53 3.34 0.00	38.68 3.55 0.00	46.17 4.07 0.00	53.65 4.79 0.00	53.25 4.92 0.00	58.48 4.65 -10.80	64.31 3.00 -33.36	49.56 4.08 -6.12	48.65 4.28 0.00	44.45 3.60 -0.85	48.15 2.75 -12.49	38.64 2.57 -6.28	35.67 2.73 -1.43
JANIS___SOLAR 323808	27.84 1.39 0.00	26.26 1.16 0.00	23.66 0.92 0.00	22.45 0.84 0.00	20.59 0.76 0.00	21.53 0.92 0.00	24.93 1.16 -0.05	22.58 1.05 0.00	24.23 1.05 0.00	27.56 0.94 0.00	31.79 0.95 0.00	34.57 1.05 -0.33	39.31 1.22 -2.95	45.41 1.46 -1.86	52.07 1.72 -1.49	51.80 2.18 -1.30	49.26 2.46 -3.76	40.29 1.59 -10.75	43.53 2.20 -1.97	46.85 2.48 0.00	42.41 2.40 0.00	34.85 1.94 0.00	31.46 1.67 0.00	33.17 1.66 0.00
JARVIS____ 23743	26.45 0.00 0.00	25.12 0.02 0.00	22.76 0.01 0.00	21.62 0.00 0.00	19.84 0.01 0.00	20.62 0.00 0.00	23.72 0.00 0.00	21.53 0.00 0.00	23.18 0.00 0.00	26.61 -0.01 0.00	31.06 0.00 -0.22	35.97 0.00 -2.78	37.52 0.00 -2.38	45.35 0.04 -3.21	50.23 0.09 -1.27	52.04 0.09 -3.62	46.46 0.11 -3.32	30.83 0.07 -2.80	41.80 0.07 -2.36	45.54 0.09 -1.09	40.12 0.11 0.00	32.97 0.07 0.00	29.85 0.06 0.00	31.57 0.06 0.00
JENNISON___1 23625	27.94 1.49 0.00	26.44 1.35 0.00	23.83 1.09 0.00	22.62 1.00 0.00	20.75 0.92 0.00	21.70 1.08 0.00	25.08 1.35 0.00	22.80 1.26 0.00	24.52 1.34 0.00	28.11 1.50 0.00	32.56 1.73 0.00	35.02 1.83 0.00	37.06 1.92 0.00	44.52 2.42 0.00	51.79 2.92 0.00	51.38 3.06 0.00	51.13 2.99 -5.10	45.81 2.09 -15.76	45.14 2.89 -2.89	47.36 2.99 0.00	42.72 2.71 0.00	35.02 2.11 0.00	31.62 1.83 0.00	33.36 1.85 0.00
JENNISON___2 23626	27.94 1.49 0.00	26.44 1.35 0.00	23.83 1.09 0.00	22.62 1.00 0.00	20.75 0.92 0.00	21.70 1.08 0.00	25.08 1.35 0.00	22.80 1.26 0.00	24.52 1.34 0.00	28.11 1.50 0.00	32.56 1.73 0.00	35.02 1.83 0.00	37.06 1.92 0.00	44.52 2.42 0.00	51.79 2.92 0.00	51.38 3.06 0.00	51.13 2.99 -5.10	45.81 2.09 -15.76	45.14 2.89 -2.89	47.36 2.99 0.00	42.72 2.71 0.00	35.02 2.11 0.00	31.62 1.83 0.00	33.36 1.85 0.00

JERICO_RISE_WT_PWR 323719	27.15 0.70 0.00	25.58 0.48 0.00	23.06 0.32 0.00	21.85 0.23 0.00	20.00 0.18 0.00	20.79 0.17 0.00	23.94 0.22 0.00	21.66 0.13 0.00	23.35 0.17 0.00	26.81 0.19 0.00	29.14 -0.65 1.04	19.74 -0.61 12.85	23.19 -0.95 11.00	25.60 -1.66 14.84	27.53 -2.73 18.61	-1.97 -2.37 47.93	27.08 -1.46 14.49	5.78 -1.27 20.91	27.60 -0.82 10.94	37.81 -1.52 5.04	38.87 -1.14 0.00	32.74 -0.17 0.00	29.74 -0.05 0.00	31.58 0.07 0.00
KATONAH__115KV_46KV_TB4 355592	28.27 1.82 0.00	26.84 1.74 0.00	24.35 1.61 0.00	23.10 1.49 0.00	21.19 1.36 0.00	21.97 1.35 0.00	25.34 1.62 0.00	25.44 1.59 -2.32	27.54 1.74 -2.62	28.79 2.18 0.00	33.62 2.79 0.00	36.30 3.12 0.00	38.50 3.36 0.00	46.01 3.91 0.00	53.49 4.63 0.00	53.08 4.76 0.00	58.48 4.45 -10.99	64.82 2.90 -33.97	49.53 3.94 -6.23	48.41 4.05 0.00	43.99 3.40 -0.59	44.11 2.56 -8.65	36.41 2.28 -4.35	34.90 2.40 -0.99
KCE_NY_1 323755	28.02 1.56 0.00	26.64 1.54 0.00	24.20 1.46 0.00	23.00 1.39 0.00	21.10 1.28 0.00	21.96 1.35 0.00	25.33 1.61 0.00	23.80 1.46 -0.81	25.67 1.57 -0.91	28.48 1.86 0.00	32.95 2.12 0.00	35.56 2.37 0.00	37.80 2.67 0.00	45.32 3.23 0.00	52.51 3.65 0.00	52.16 3.84 0.00	81.04 3.70 -34.30	136.33 2.41 -105.96	62.16 3.37 -19.43	47.92 3.56 0.00	43.20 2.99 -0.20	38.10 2.17 -3.03	33.15 1.85 -1.52	33.73 1.88 -0.35
KCE_NY_6_ESR 323823	26.90 0.45 0.00	25.34 0.24 0.00	22.34 -0.40 0.00	21.15 -0.46 0.00	19.21 -0.62 0.00	20.24 -0.37 0.00	23.20 -0.31 0.21	21.21 -0.33 0.00	23.17 -0.01 0.00	26.56 -0.05 0.00	30.67 -0.16 0.00	31.09 -0.65 1.45	21.45 -0.85 12.84	32.32 -1.38 8.39	40.58 -1.48 6.81	40.83 -1.57 5.92	42.03 -1.42 -0.42	32.57 -0.70 -5.31	39.20 -1.13 -0.97	42.81 -1.56 0.00	39.13 -0.88 0.00	32.55 -0.36 0.00	29.71 -0.08 0.00	31.73 0.23 0.00
KEDC_PORT_JEFF_GT2 24210	28.77 2.32 0.00	27.36 2.26 0.00	24.87 2.13 0.00	23.50 1.88 0.00	21.56 1.74 0.00	22.35 1.73 0.00	25.63 1.91 0.00	26.94 1.81 -3.59	29.20 1.96 -4.06	28.82 2.21 0.00	34.28 3.36 -0.09	36.89 3.70 0.00	39.02 3.87 0.00	46.61 4.50 -0.01	57.29 5.30 -3.12	53.80 5.06 -0.42	59.20 4.95 -11.22	91.12 3.26 -59.89	121.12 4.49 -77.28	67.69 4.45 -18.88	89.20 4.02 -45.17	50.43 2.66 -14.86	39.51 2.67 -7.06	36.72 3.27 -1.95
KEDC_PORT_JEFF_GT3 24211	28.77 2.32 0.00	27.36 2.26 0.00	24.87 2.13 0.00	23.50 1.88 0.00	21.56 1.74 0.00	22.35 1.73 0.00	25.63 1.91 0.00	26.94 1.81 -3.59	29.20 1.96 -4.06	28.82 2.21 0.00	34.28 3.36 -0.09	36.89 3.70 0.00	39.02 3.87 0.00	46.61 4.50 -0.01	57.29 5.30 -3.12	53.80 5.06 -0.42	59.20 4.95 -11.22	91.12 3.26 -59.89	121.12 4.49 -77.28	67.69 4.45 -18.88	89.20 4.02 -45.17	50.43 2.66 -14.86	39.51 2.67 -7.06	36.72 3.27 -1.95
KEDC_GLWD_GT4 24219	28.55 2.10 0.00	27.10 2.00 0.00	24.60 1.86 0.00	23.32 1.70 0.00	21.39 1.56 0.00	22.16 1.55 0.00	25.51 1.79 0.00	26.87 1.75 -3.59	29.14 1.90 -4.06	28.93 2.32 0.00	34.09 3.17 -0.09	36.63 3.44 0.00	38.78 3.64 0.00	46.21 4.12 0.00	54.25 4.91 -0.47	53.23 4.91 0.00	58.73 4.65 -11.05	90.88 3.05 -59.88	108.78 4.14 -65.28	57.38 4.27 -8.75	76.26 3.80 -32.45	57.92 2.81 -22.20	41.80 2.55 -9.46	36.26 2.81 -1.95
KEDC_GLWD_GT5 24220	28.55 2.10 0.00	27.10 2.00 0.00	24.60 1.86 0.00	23.32 1.70 0.00	21.39 1.56 0.00	22.16 1.55 0.00	25.51 1.79 0.00	26.87 1.75 -3.59	29.14 1.90 -4.06	28.93 2.32 0.00	34.09 3.17 -0.09	36.63 3.44 0.00	38.78 3.64 0.00	46.21 4.12 0.00	54.25 4.91 -0.47	53.23 4.91 0.00	58.73 4.65 -11.05	90.88 3.05 -59.88	108.78 4.14 -65.28	57.38 4.27 -8.75	76.26 3.80 -32.45	57.92 2.81 -22.20	41.80 2.55 -9.46	36.26 2.81 -1.95
KENSICO____ 23655	28.15 1.69 0.00	26.73 1.63 0.00	24.26 1.52 0.00	23.02 1.40 0.00	21.11 1.29 0.00	21.88 1.26 0.00	25.21 1.49 0.00	26.86 1.48 -3.85	29.14 1.61 -4.35	28.63 2.01 0.00	33.43 2.60 0.00	36.08 2.89 0.00	38.22 3.08 0.00	45.66 3.57 0.00	53.10 4.24 0.00	52.65 4.32 0.00	57.87 4.07 -10.77	63.87 2.65 -33.27	49.05 3.60 -6.10	48.03 3.67 0.00	44.02 3.08 -0.93	48.85 2.30 -13.65	38.72 2.08 -6.86	35.30 2.23 -1.56
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.10 1.65 0.00	26.66 1.57 0.00	24.17 1.43 0.00	22.93 1.31 0.00	21.01 1.18 0.00	21.79 1.17 0.00	25.12 1.41 0.00	23.05 1.52 0.00	24.89 1.70 0.00	28.70 2.08 0.00	33.43 2.60 0.00	36.15 2.96 0.00	38.64 3.50 0.00	46.10 4.01 0.00	53.41 4.54 0.00	52.72 4.40 0.00	57.83 4.04 -10.76	64.05 2.84 -33.26	49.48 4.02 -6.10	48.50 4.14 0.00	43.58 3.58 0.00	35.61 2.70 0.00	32.09 2.31 0.00	33.81 2.30 0.00
KIAC_JFK_GT1 23816	28.45 1.99 0.00	26.98 1.89 0.00	24.47 1.73 0.00	23.23 1.60 0.00	21.32 1.49 0.00	22.08 1.46 0.00	25.44 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	28.94 2.32 0.00	33.70 2.87 0.00	36.39 3.21 0.00	38.53 3.39 0.00	45.97 3.88 0.00	53.42 4.55 0.00	53.05 4.73 0.00	58.31 4.48 -10.80	64.20 2.88 -33.36	49.40 3.92 -6.12	48.47 4.10 0.00	44.28 3.42 -0.85	48.01 2.61 -12.49	38.52 2.45 -6.28	35.55 2.61 -1.43
KIAC_JFK_GT2 23817	28.45 1.99 0.00	26.98 1.89 0.00	24.47 1.73 0.00	23.23 1.60 0.00	21.32 1.49 0.00	22.08 1.46 0.00	25.44 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	28.94 2.32 0.00	33.70 2.87 0.00	36.39 3.21 0.00	38.53 3.39 0.00	45.97 3.88 0.00	53.42 4.55 0.00	53.05 4.73 0.00	58.31 4.48 -10.80	64.20 2.88 -33.36	49.40 3.92 -6.12	48.47 4.10 0.00	44.28 3.42 -0.85	48.01 2.61 -12.49	38.52 2.45 -6.28	35.55 2.61 -1.43
KIAC_JFK____ 323774	28.45 1.99 0.00	26.98 1.89 0.00	24.47 1.73 0.00	23.22 1.60 0.00	21.32 1.49 0.00	22.08 1.46 0.00	25.44 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	28.94 2.32 0.00	33.70 2.87 0.00	36.39 3.20 0.00	38.52 3.38 0.00	45.97 3.88 0.00	53.42 4.55 0.00	53.06 4.73 0.00	58.31 4.48 -10.80	64.20 2.88 -33.36	49.40 3.92 -6.12	48.47 4.11 0.00	44.28 3.43 -0.85	48.01 2.61 -12.49	38.52 2.45 -6.28	35.54 2.61 -1.43
KINTIGH____ 23543	26.36 -0.10 0.00	24.85 -0.25 0.00	22.03 -0.72 0.00	20.92 -0.70 0.00	19.06 -0.77 0.00	20.06 -0.56 0.00	23.06 -0.56 0.10	20.97 -0.56 0.00	22.88 -0.31 0.00	26.20 -0.42 0.00	30.23 -0.61 0.00	31.35 -1.12 0.71	27.41 -1.40 6.33	35.98 -1.97 4.15	43.28 -2.22 3.37	43.08 -2.31 2.93	41.76 -1.99 -0.72	31.01 -1.17 -4.22	38.34 -1.79 -0.77	42.11 -2.26 0.00	38.38 -1.63 0.00	31.90 -1.01 0.00	29.07 -0.71 0.00	31.06 -0.45 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.58 1.13 0.00	25.97 0.87 0.00	23.39 0.65 0.00	22.16 0.54 0.00	20.29 0.46 0.00	21.08 0.45 0.00	24.30 0.59 0.00	22.01 0.47 0.00	23.71 0.52 0.00	27.20 0.58 0.00	29.60 -0.24 0.99	20.87 -0.11 12.21	24.22 -0.47 10.45	26.81 -1.18 14.10	28.96 -2.25 17.66	0.93 -1.91 45.48	28.42 -0.88 13.73	7.38 -0.89 19.69	28.78 -0.18 10.39	38.74 -0.83 4.79	39.50 -0.51 0.00	33.33 0.42 0.00	30.23 0.44 0.00	32.09 0.58 0.00

LACHUTE____HYDRO 323717	29.34 2.89 0.00	28.01 2.91 0.00	25.51 2.76 0.00	24.19 2.57 0.00	22.22 2.39 0.00	23.11 2.49 0.00	26.82 3.09 0.00	25.09 2.75 -0.80	27.13 3.04 -0.91	29.97 3.35 0.00	34.41 3.58 0.00	37.55 4.36 0.00	39.99 4.86 0.00	47.95 5.85 0.00	55.57 6.70 0.00	55.29 6.97 0.00	84.37 6.92 -34.42	138.64 4.35 -106.33	64.93 6.07 -19.50	51.17 6.80 0.00	46.03 5.81 -0.20	40.26 4.34 -3.01	35.24 3.94 -1.51	35.74 3.89 -0.34
LAWRNCAV_115KV_TB1 80681	26.08 -0.37 0.00	24.63 -0.46 0.00	22.28 -0.46 0.00	21.14 -0.48 0.00	19.39 -0.44 0.00	20.11 -0.51 0.00	23.15 -0.58 0.00	20.95 -0.59 0.00	22.55 -0.63 0.00	25.83 -0.79 0.00	28.06 -1.22 1.56	12.68 -1.31 19.20	17.35 -1.35 16.43	18.35 -1.57 22.17	39.84 -1.87 7.16	25.46 -1.85 21.01	19.22 -1.76 22.06	12.27 -1.20 14.49	21.46 -1.55 16.35	35.19 -1.65 7.53	38.81 -1.20 0.00	32.20 -0.71 0.00	29.18 -0.60 0.00	30.81 -0.70 0.00
LEDERLE____ 23769	28.05 1.59 0.00	26.64 1.55 0.00	24.18 1.44 0.00	22.94 1.32 0.00	21.04 1.21 0.00	21.79 1.18 0.00	25.12 1.40 0.00	18.17 1.40 4.76	19.32 1.51 5.37	28.54 1.93 0.00	33.36 2.53 0.00	36.04 2.85 0.00	38.20 3.06 0.00	45.63 3.54 0.00	53.09 4.22 0.00	52.68 4.35 0.00	57.41 4.11 -10.26	62.36 2.68 -31.72	48.79 3.62 -5.82	48.02 3.66 0.00	41.96 3.07 1.12	18.66 2.29 16.53	23.53 2.05 8.31	31.79 2.18 1.89
LIGHTHSE_115KV_TB6 355974	26.18 -0.27 0.00	24.79 -0.30 0.00	22.41 -0.33 0.00	21.27 -0.35 0.00	19.52 -0.30 0.00	20.27 -0.35 0.00	23.41 -0.31 0.00	21.28 -0.25 0.00	22.82 -0.37 0.00	25.94 -0.68 0.00	28.99 -0.92 0.92	20.79 -1.09 11.31	24.53 -0.93 9.68	27.91 -1.13 13.06	43.10 -0.81 4.95	32.90 -1.26 14.17	28.28 -1.50 13.25	16.82 -0.95 10.19	28.36 -1.37 9.62	38.67 -1.26 4.43	39.30 -0.71 0.00	32.57 -0.34 0.00	29.58 -0.20 0.00	31.31 -0.20 0.00
LINDEN COGEN____ 23786	28.18 1.72 0.00	26.74 1.64 0.00	24.27 1.52 0.00	23.01 1.40 0.00	21.13 1.30 0.00	21.88 1.26 0.00	25.20 1.48 0.00	26.52 1.50 -3.49	27.47 1.65 -2.63	28.69 2.08 0.00	33.49 2.66 0.00	36.17 2.99 0.00	37.42 3.12 0.83	38.45 3.62 7.26	52.62 4.29 0.54	52.70 4.38 0.00	57.97 4.14 -10.80	64.03 2.71 -33.36	49.15 3.68 -6.12	48.04 3.68 0.00	42.38 3.04 0.67	39.02 2.23 -3.88	36.53 2.04 -4.70	35.21 2.28 -1.43
LINDHRST_69_KV_BK1 356055	29.00 2.55 0.00	27.51 2.42 0.00	25.00 2.26 0.00	23.63 2.01 0.00	21.69 1.86 0.00	22.48 1.86 0.00	25.81 2.09 0.00	27.15 2.02 -3.59	29.43 2.19 -4.06	29.15 2.53 0.00	34.53 3.61 -0.09	37.13 3.94 0.00	39.27 4.13 0.00	46.93 4.83 0.00	55.35 6.01 -0.47	54.09 5.77 0.00	59.49 5.41 -11.04	91.43 3.59 -59.88	109.56 4.93 -65.28	58.07 4.96 -8.75	76.80 4.35 -32.45	53.49 3.15 -17.43	40.68 2.99 -7.90	36.96 3.50 -1.95
LIPA_MISC_IPP 23656	28.72 2.26 0.00	27.27 2.17 0.00	24.79 2.05 0.00	23.43 1.82 0.00	21.50 1.68 0.00	22.28 1.67 0.00	25.55 1.83 0.00	26.88 1.76 -3.59	29.14 1.89 -4.06	28.70 2.09 0.00	34.17 3.25 -0.09	36.76 3.57 0.00	38.85 3.71 0.00	46.56 4.46 0.00	56.22 5.51 -1.85	53.87 5.33 -0.22	59.24 5.07 -11.13	91.19 3.35 -59.88	115.48 4.61 -71.50	62.95 4.58 -14.00	83.10 4.05 -39.05	50.47 2.76 -14.80	39.47 2.64 -7.04	36.64 3.19 -1.95
LISF____SOLAR 323691	28.76 2.31 0.00	27.32 2.22 0.00	24.84 2.10 0.00	23.47 1.85 0.00	21.54 1.71 0.00	22.32 1.70 0.00	25.59 1.88 0.00	26.92 1.80 -3.59	29.17 1.93 -4.06	28.73 2.12 0.00	34.21 3.29 -0.09	36.82 3.63 0.00	38.91 3.77 0.00	46.67 4.56 0.00	56.50 5.63 -2.00	54.02 5.45 -0.24	59.38 5.19 -11.15	91.27 3.42 -59.89	116.31 4.73 -72.22	63.69 4.72 -14.61	83.98 4.17 -39.80	50.59 2.85 -14.83	39.54 2.71 -7.04	36.71 3.26 -1.95
LITTLE FALLS____HYD 24013	26.17 -0.28 0.00	24.97 -0.13 0.00	22.70 -0.03 0.00	21.61 -0.01 0.00	19.84 0.02 0.00	20.63 0.02 0.00	23.75 0.03 0.00	21.51 -0.02 0.00	23.18 -0.01 0.00	26.71 0.10 0.00	31.25 0.19 -0.22	36.25 0.28 -2.78	37.96 0.44 -2.38	45.95 0.64 -3.21	50.78 0.64 -1.27	52.45 0.50 -3.62	47.19 0.83 -3.32	31.60 0.85 -2.80	42.78 1.06 -2.36	46.19 0.73 -1.09	40.34 0.33 0.00	33.00 0.09 0.00	29.71 -0.08 0.00	31.30 -0.21 0.00
LITTLRIV_115KV_TB1 356100	26.34 -0.11 0.00	24.87 -0.23 0.00	22.48 -0.26 0.00	21.33 -0.29 0.00	19.56 -0.26 0.00	20.32 -0.30 0.00	23.40 -0.32 0.00	21.18 -0.35 0.00	22.80 -0.38 0.00	26.09 -0.53 0.00	28.30 -0.90 1.63	12.21 -0.93 20.05	17.12 -0.86 17.16	18.09 -0.86 23.15	40.40 -1.07 7.39	25.38 -1.23 21.72	18.67 -1.30 23.06	11.86 -0.92 15.19	21.14 -1.15 17.07	35.34 -1.17 7.86	39.28 -0.73 0.00	32.59 -0.32 0.00	29.53 -0.26 0.00	31.14 -0.37 0.00
LI_NEWBRDGE____DRP 323616	28.42 1.97 0.00	26.98 1.89 0.00	24.52 1.78 0.00	23.22 1.60 0.00	21.31 1.49 0.00	22.08 1.46 0.00	25.36 1.64 0.00	26.71 1.59 -3.59	28.92 1.68 -4.06	28.58 1.97 0.00	33.84 2.91 -0.09	36.33 3.14 0.00	38.43 3.29 0.00	45.92 3.82 0.00	54.01 4.67 -0.47	52.94 4.62 0.00	58.47 4.39 -11.04	90.72 2.89 -59.88	108.57 3.93 -65.28	57.01 3.90 -8.75	75.82 3.36 -32.45	48.75 2.40 -13.43	38.68 2.31 -6.59	36.12 2.67 -1.95
LOCKPORT_115KV_TB60_63_64 80432	26.58 0.13 0.00	25.01 -0.09 0.00	22.06 -0.68 0.00	20.94 -0.68 0.00	19.04 -0.78 0.00	20.10 -0.52 0.00	23.07 -0.51 0.15	20.95 -0.58 0.00	22.91 -0.28 0.00	26.21 -0.41 0.00	30.25 -0.59 0.00	31.00 -1.16 1.03	24.78 -1.26 9.10	34.19 -1.95 5.96	41.81 -2.21 4.85	41.77 -2.35 4.21	41.41 -2.21 -0.58	31.35 -1.28 -4.67	38.26 -1.95 -0.86	41.92 -2.44 0.00	38.32 -1.69 0.00	31.95 -0.96 0.00	29.19 -0.59 0.00	31.27 -0.23 0.00
LOCKPORT____CC1 323769	26.55 0.10 0.00	24.99 -0.10 0.00	22.04 -0.71 0.00	20.90 -0.71 0.00	19.02 -0.81 0.00	20.06 -0.55 0.00	23.01 -0.55 0.16	20.93 -0.60 0.00	22.89 -0.29 0.00	26.19 -0.43 0.00	30.21 -0.63 0.00	30.89 -1.19 1.11	24.02 -1.28 9.83	33.64 -2.02 6.44	41.36 -2.28 5.23	41.36 -2.42 4.55	41.30 -2.25 -0.52	31.40 -1.27 -4.71	38.24 -1.98 -0.86	41.87 -2.50 0.00	38.30 -1.71 0.00	31.93 -0.97 0.00	29.18 -0.60 0.00	31.25 -0.25 0.00
LOCKPORT____CC2 323770	26.55 0.10 0.00	24.99 -0.10 0.00	22.04 -0.71 0.00	20.90 -0.71 0.00	19.02 -0.81 0.00	20.06 -0.55 0.00	23.01 -0.55 0.16	20.93 -0.60 0.00	22.89 -0.29 0.00	26.19 -0.43 0.00	30.21 -0.63 0.00	30.89 -1.19 1.11	24.02 -1.28 9.83	33.64 -2.02 6.44	41.36 -2.28 5.23	41.36 -2.42 4.55	41.30 -2.25 -0.52	31.40 -1.27 -4.71	38.24 -1.98 -0.86	41.87 -2.50 0.00	38.30 -1.71 0.00	31.93 -0.97 0.00	29.18 -0.60 0.00	31.25 -0.25 0.00
LOCKPORT____CC3 323771	26.55 0.10 0.00	24.99 -0.10 0.00	22.04 -0.71 0.00	20.90 -0.71 0.00	19.02 -0.81 0.00	20.06 -0.55 0.00	23.01 -0.55 0.16	20.93 -0.60 0.00	22.89 -0.29 0.00	26.19 -0.43 0.00	30.21 -0.63 0.00	30.89 -1.19 1.11	24.02 -1.28 9.83	33.64 -2.02 6.44	41.36 -2.28 5.23	41.36 -2.42 4.55	41.30 -2.25 -0.52	31.40 -1.27 -4.71	38.24 -1.98 -0.86	41.87 -2.50 0.00	38.30 -1.71 0.00	31.93 -0.97 0.00	29.18 -0.60 0.00	31.25 -0.25 0.00

LONG_LAKE_PHOENIX 24014	25.92 -0.53 0.00	24.57 -0.52 0.00	22.24 -0.50 0.00	21.16 -0.46 0.00	19.43 -0.40 0.00	20.22 -0.40 0.00	23.26 -0.46 0.00	21.16 -0.38 0.00	22.76 -0.43 0.00	26.04 -0.58 0.00	29.96 -0.68 0.19	30.04 -0.73 2.41	32.38 -0.69 2.07	38.41 -0.90 2.79	46.91 -0.85 1.10	44.15 -1.04 3.14	39.19 -1.03 2.82	25.17 -0.61 2.18	36.43 -0.88 2.05	42.43 -0.99 0.94	39.15 -0.86 0.00	32.23 -0.68 0.00	29.18 -0.60 0.00	30.89 -0.62 0.00
LOVETT___3 23632	27.90 1.45 0.00	26.52 1.42 0.00	24.08 1.34 0.00	22.85 1.23 0.00	20.96 1.13 0.00	21.71 1.09 0.00	25.02 1.30 0.00	17.83 1.29 4.99	18.92 1.37 5.63	28.37 1.75 0.00	33.14 2.31 0.00	35.78 2.60 0.00	37.91 2.77 0.00	45.29 3.19 0.00	52.66 3.79 0.00	52.27 3.94 0.00	57.10 3.74 -10.32	62.29 2.44 -31.90	48.50 3.30 -5.85	47.67 3.31 0.00	41.63 2.76 1.14	18.20 2.04 16.74	23.22 1.85 8.42	31.57 1.98 1.91
LOVETT___4 23642	27.90 1.45 0.00	26.52 1.42 0.00	24.08 1.34 0.00	22.85 1.23 0.00	20.96 1.13 0.00	21.71 1.09 0.00	25.02 1.30 0.00	17.83 1.29 4.99	18.92 1.37 5.63	28.37 1.75 0.00	33.14 2.31 0.00	35.78 2.60 0.00	37.91 2.77 0.00	45.29 3.19 0.00	52.66 3.79 0.00	52.27 3.94 0.00	57.10 3.74 -10.32	62.29 2.44 -31.90	48.50 3.30 -5.85	47.67 3.31 0.00	41.63 2.76 1.14	18.20 2.04 16.74	23.22 1.85 8.42	31.57 1.98 1.91
LOVETT___5 23593	27.90 1.45 0.00	26.52 1.42 0.00	24.08 1.34 0.00	22.85 1.23 0.00	20.96 1.13 0.00	21.71 1.09 0.00	25.02 1.30 0.00	17.83 1.29 4.99	18.92 1.37 5.63	28.37 1.75 0.00	33.14 2.31 0.00	35.78 2.60 0.00	37.91 2.77 0.00	45.29 3.19 0.00	52.66 3.79 0.00	52.27 3.94 0.00	57.10 3.74 -10.32	62.29 2.44 -31.90	48.50 3.30 -5.85	47.67 3.31 0.00	41.63 2.76 1.14	18.20 2.04 16.74	23.22 1.85 8.42	31.57 1.98 1.91
LOWER RAQUET___HYD 24057	26.00 -0.45 0.00	24.55 -0.55 0.00	22.20 -0.54 0.00	21.06 -0.56 0.00	19.32 -0.51 0.00	20.01 -0.60 0.00	23.03 -0.69 0.00	20.85 -0.68 0.00	22.44 -0.74 0.00	25.69 -0.92 0.00	27.73 -1.41 1.69	10.83 -1.51 20.84	15.74 -1.56 17.84	16.21 -1.82 24.07	39.12 -2.14 7.61	23.82 -2.12 22.39	17.01 -2.01 24.01	10.74 -1.38 15.84	19.82 -1.79 17.74	34.30 -1.89 8.17	38.62 -1.39 0.00	32.06 -0.85 0.00	29.06 -0.72 0.00	30.68 -0.83 0.00
LOWER___HUDSON 24059	27.46 1.00 0.00	26.13 1.04 0.00	23.79 1.05 0.00	22.65 1.03 0.00	20.77 0.94 0.00	21.57 0.96 0.00	24.82 1.11 0.00	23.34 0.95 -0.85	25.15 1.00 -0.96	27.83 1.22 0.00	32.20 1.37 0.00	34.74 1.55 0.00	36.86 1.72 0.00	44.21 2.12 0.00	51.18 2.32 0.00	50.65 2.32 0.00	75.93 2.30 -30.61	123.99 1.48 -94.55	58.74 2.04 -17.34	46.58 2.22 0.00	42.02 1.79 -0.22	37.39 1.30 -3.18	32.48 1.09 -1.60	33.02 1.15 -0.36
LOWVILLE_115KV_TB2 356335	26.64 0.19 0.00	25.20 0.10 0.00	22.77 0.02 0.00	21.47 -0.15 0.00	19.74 -0.09 0.00	20.32 -0.30 0.00	23.55 -0.17 0.00	21.29 -0.24 0.00	22.69 -0.49 0.00	25.59 -1.02 0.00	24.68 -1.57 4.57	-24.99 -1.82 56.36	-14.82 -1.73 48.23	-25.00 -2.02 65.09	22.17 -1.58 25.12	-25.00 -1.61 71.71	-25.00 -1.84 66.19	-25.00 -1.24 51.72	-10.83 -2.21 47.98	20.46 -1.81 22.10	39.37 -0.64 0.00	32.91 0.00 0.00	30.10 0.31 0.00	31.83 0.32 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.00 1.55 0.00	26.63 1.53 0.00	24.21 1.47 0.00	23.02 1.40 0.00	21.11 1.28 0.00	21.95 1.34 0.00	25.32 1.60 0.00	23.78 1.44 -0.81	25.64 1.54 -0.91	28.45 1.84 0.00	32.92 2.09 0.00	35.50 2.32 0.00	37.72 2.59 0.00	45.26 3.17 0.00	52.47 3.60 0.00	52.07 3.75 0.00	80.95 3.62 -34.30	136.29 2.37 -105.96	62.08 3.29 -19.43	47.83 3.47 0.00	43.15 2.94 -0.20	38.08 2.14 -3.03	33.12 1.82 -1.52	33.70 1.85 -0.35
LUTHERNY_35_KV_BK2 355980	28.02 1.56 0.00	26.64 1.54 0.00	24.20 1.46 0.00	23.00 1.39 0.00	21.10 1.27 0.00	21.96 1.34 0.00	25.33 1.61 0.00	23.80 1.46 -0.81	25.67 1.57 -0.91	28.48 1.86 0.00	32.95 2.12 0.00	35.56 2.37 0.00	37.80 2.67 0.00	45.33 3.23 0.00	52.51 3.65 0.00	52.16 3.84 0.00	81.04 3.70 -34.30	136.33 2.41 -105.96	62.16 3.37 -19.43	47.92 3.55 0.00	43.20 2.99 -0.20	38.10 2.17 -3.03	33.15 1.85 -1.52	33.73 1.88 -0.35
LWR___OSWEGATCHIE_HYD 23850	26.22 -0.24 0.00	24.77 -0.33 0.00	22.39 -0.36 0.00	21.18 -0.44 0.00	19.44 -0.38 0.00	20.09 -0.52 0.00	23.23 -0.49 0.00	21.02 -0.51 0.00	22.53 -0.66 0.00	25.57 -1.04 0.00	26.57 -1.58 2.69	-1.70 -1.79 33.10	5.05 -1.76 28.33	1.83 -2.05 38.23	33.14 -1.93 13.80	6.53 -2.02 39.78	2.30 -2.12 38.61	-1.99 -1.43 28.51	9.08 -2.10 28.18	29.44 -1.95 12.98	38.91 -1.10 0.00	32.40 -0.51 0.00	29.49 -0.30 0.00	31.15 -0.36 0.00
LYONS_FALL_HYD 23570	26.85 0.40 0.00	25.42 0.32 0.00	22.99 0.24 0.00	21.75 0.13 0.00	19.98 0.15 0.00	20.70 0.08 0.00	23.93 0.21 0.00	21.70 0.16 0.00	23.27 0.08 0.00	26.45 -0.16 0.00	33.12 -0.38 -2.68	65.73 -0.42 -32.97	63.11 -0.24 -28.21	79.97 -0.20 -38.07	64.50 0.16 -15.47	92.25 0.07 -43.86	81.85 -0.15 -38.97	59.70 -0.15 -31.89	66.93 -0.50 -28.07	57.10 -0.19 -12.93	40.33 0.32 0.00	33.41 0.50 0.00	30.35 0.56 0.00	32.06 0.55 0.00
MADISON___COUNTY_LFGE 323628	27.10 0.65 0.00	25.65 0.56 0.00	23.19 0.45 0.00	22.01 0.39 0.00	20.21 0.38 0.00	21.07 0.45 0.00	24.30 0.58 0.00	22.08 0.55 0.00	23.79 0.60 0.00	27.23 0.61 0.00	32.01 0.69 -0.48	39.95 0.79 -5.97	41.31 1.08 -5.10	50.29 1.30 -6.89	53.20 1.60 -2.74	57.71 1.61 -7.78	51.54 1.43 -7.08	34.65 0.89 -5.80	45.52 1.08 -5.08	48.04 1.34 -2.34	41.27 1.26 0.00	33.91 1.01 0.00	30.64 0.85 0.00	32.33 0.83 0.00
MALONE___115KV_TB1 356076	27.10 0.65 0.00	25.53 0.43 0.00	23.02 0.28 0.00	21.82 0.19 0.00	19.99 0.16 0.00	20.76 0.13 0.00	23.92 0.20 0.00	21.67 0.13 0.00	23.37 0.18 0.00	26.80 0.18 0.00	29.08 -0.54 1.21	17.81 -0.53 14.85	21.68 -0.75 12.71	23.65 -1.29 17.16	48.14 -2.04 -1.32	47.16 -1.71 -0.55	25.13 -1.03 16.88	22.58 -0.94 4.44	26.10 -0.61 12.64	37.40 -1.14 5.82	39.28 -0.73 0.00	32.98 0.07 0.00	29.90 0.11 0.00	31.66 0.16 0.00
MAPLEWOD_115KV_TB3 80458	27.47 1.02 0.00	26.11 1.02 0.00	23.76 1.02 0.00	22.62 1.00 0.00	20.74 0.91 0.00	21.54 0.92 0.00	24.78 1.06 0.00	23.31 0.94 -0.84	25.13 1.00 -0.95	27.89 1.27 0.00	32.29 1.46 0.00	34.75 1.56 0.00	36.88 1.74 0.00	44.27 2.17 0.00	51.33 2.47 0.00	50.78 2.46 0.00	72.98 2.42 -27.53	114.58 1.58 -85.04	57.12 2.16 -15.59	46.65 2.29 0.00	42.03 1.81 -0.21	37.34 1.31 -3.12	32.45 1.10 -1.57	33.02 1.15 -0.36
MAPLE RIDGE_WT_1 323574	26.45 0.00 0.00	25.11 0.02 0.00	22.58 -0.16 0.00	21.30 -0.32 0.00	19.49 -0.34 0.00	20.10 -0.52 0.00	23.33 -0.39 0.00	21.12 -0.42 0.00	22.48 -0.70 0.00	25.48 -1.14 0.00	29.47 -1.36 0.00	31.48 -1.71 0.00	33.22 -1.92 0.00	40.11 -1.99 0.00	47.15 -1.71 0.00	46.17 -2.16 0.00	41.41 -1.76 -0.13	27.06 -1.40 -0.50	37.35 -2.01 0.00	42.86 -1.50 0.00	39.23 -0.78 0.00	32.55 -0.36 0.00	29.76 -0.02 0.00	31.51 0.01 0.00

MAPLE RIDGE_WT_2 323611	26.45 0.00 0.00	25.11 0.02 0.00	22.58 -0.16 0.00	21.30 -0.32 0.00	19.49 -0.34 0.00	20.10 -0.52 0.00	23.33 -0.39 0.00	21.12 -0.42 0.00	22.48 -0.70 0.00	25.48 -1.14 0.00	29.47 -1.36 0.00	31.48 -1.71 0.00	33.22 -1.92 0.00	40.11 -1.99 0.00	47.15 -1.71 0.00	46.17 -2.16 0.00	41.41 -1.76 -0.13	27.06 -1.40 -0.50	37.35 -2.01 0.00	42.86 -1.50 0.00	39.23 -0.78 0.00	32.55 -0.36 0.00	29.76 -0.02 0.00	31.51 0.01 0.00
MARBLE RIVER_WT_PWR 323696	27.25 0.79 0.00	25.66 0.56 0.00	23.14 0.40 0.00	21.92 0.30 0.00	20.06 0.24 0.00	20.84 0.23 0.00	24.01 0.29 0.00	21.73 0.20 0.00	23.40 0.21 0.00	26.88 0.26 0.00	29.27 -0.59 0.97	20.68 -0.52 11.99	24.00 -0.87 10.26	26.63 -1.63 13.84	28.84 -2.70 17.33	1.36 -2.33 44.63	28.13 -1.44 13.47	7.43 -1.26 19.27	28.40 -0.75 10.20	38.18 -1.48 4.70	38.91 -1.10 0.00	32.79 -0.12 0.00	29.77 -0.01 0.00	31.68 0.17 0.00
MARSHVLE_115KV_TB1 80742	28.63 2.18 0.00	27.01 1.91 0.00	24.35 1.60 0.00	23.09 1.47 0.00	21.16 1.33 0.00	22.05 1.43 0.00	25.46 1.74 0.00	23.65 1.53 -0.58	25.45 1.61 -0.66	28.40 1.78 0.00	32.93 2.10 0.00	35.38 2.20 0.00	37.37 2.23 0.00	45.04 2.94 0.00	52.34 3.47 0.00	52.04 3.72 0.00	76.35 3.01 -30.30	123.71 2.13 -93.62	59.53 3.00 -17.17	47.75 3.39 0.00	43.42 3.41 0.00	35.80 2.89 0.00	32.38 2.60 0.00	34.24 2.73 0.00
MARSH_HILL_WT_PWR 323713	26.79 0.34 0.00	25.54 0.44 0.00	22.61 -0.13 0.00	21.10 -0.52 0.00	19.05 -0.78 0.00	20.03 -0.59 0.00	23.81 -0.60 -0.69	20.95 -0.59 0.00	22.60 -0.59 0.00	25.93 -0.68 0.00	29.88 -0.95 0.00	36.93 -1.09 -4.83	76.87 -1.20 -42.93	67.62 -2.30 -27.83	68.83 -2.58 -22.54	65.18 -2.74 -19.60	47.42 -2.11 -6.50	34.11 -0.62 -6.76	40.22 -0.38 -1.24	44.00 -0.37 0.00	40.40 0.39 0.00	33.49 0.58 0.00	30.39 0.61 0.00	32.31 0.81 0.00
MCINTYRE_115KV_TB2 80467	26.63 0.18 0.00	25.14 0.04 0.00	22.72 -0.02 0.00	21.57 -0.05 0.00	19.79 -0.04 0.00	20.58 -0.03 0.00	23.72 0.00 0.00	21.47 -0.07 0.00	23.11 -0.08 0.00	26.41 -0.21 0.00	28.82 -0.49 1.52	13.93 -0.49 18.77	18.67 -0.40 16.06	20.17 -0.25 21.67	41.41 -0.41 7.05	27.13 -0.54 20.64	20.75 -0.74 21.54	13.28 -0.55 14.13	22.77 -0.61 15.98	36.45 -0.56 7.36	39.84 -0.17 0.00	33.02 0.11 0.00	29.91 0.12 0.00	31.53 0.03 0.00
MECO____69_KV_BK1 80468	29.14 2.69 0.00	27.52 2.43 0.00	24.84 2.11 0.00	23.57 1.95 0.00	21.61 1.78 0.00	22.57 1.95 0.00	26.08 2.36 0.00	24.27 2.09 -0.64	26.04 2.12 -0.73	28.95 2.33 0.00	33.13 2.29 0.00	35.33 2.14 0.00	38.22 3.08 0.00	46.46 4.37 0.00	54.35 5.49 0.00	53.32 5.00 0.00	79.32 3.89 -32.40	131.27 3.22 -100.10	62.16 4.45 -18.36	49.09 4.73 0.00	44.70 4.69 0.00	36.63 3.72 0.00	33.03 3.25 0.00	34.84 3.33 0.00
MENANDS__115KV_TB5 355628	27.17 0.72 0.00	25.85 0.75 0.00	23.54 0.80 0.00	22.41 0.79 0.00	20.56 0.74 0.00	21.34 0.72 0.00	24.52 0.80 0.00	23.07 0.69 -0.85	24.87 0.72 -0.96	27.55 0.94 0.00	31.90 1.07 0.00	34.34 1.15 0.00	36.40 1.26 0.00	43.67 1.57 0.00	50.61 1.75 0.00	50.09 1.77 0.00	70.85 1.78 -26.05	109.56 1.14 -80.46	55.64 1.53 -14.76	45.99 1.63 0.00	41.45 1.23 -0.21	36.92 0.86 -3.15	32.09 0.72 -1.58	32.66 0.79 -0.36
MG INDUSTRY__DRP 24185	27.24 0.78 0.00	25.93 0.84 0.00	23.60 0.86 0.00	22.46 0.84 0.00	20.60 0.77 0.00	21.39 0.77 0.00	24.57 0.85 0.00	23.02 0.72 -0.76	24.77 0.72 -0.86	28.32 1.71 0.00	33.37 2.54 0.00	35.70 2.52 0.00	36.70 1.56 0.00	43.45 1.36 0.00	50.37 1.51 0.00	49.84 1.52 0.00	64.30 1.51 -19.76	90.59 0.99 -61.64	51.99 1.33 -11.30	45.85 1.49 0.00	41.36 1.16 -0.19	36.61 0.82 -2.88	31.95 0.71 -1.45	32.67 0.84 -0.33
MID__OSWEGATCHIE_HYD 23849	26.22 -0.24 0.00	24.77 -0.33 0.00	22.39 -0.36 0.00	21.18 -0.44 0.00	19.44 -0.38 0.00	20.09 -0.52 0.00	23.23 -0.49 0.00	21.02 -0.51 0.00	22.53 -0.66 0.00	25.57 -1.04 0.00	26.57 -1.58 2.69	-1.70 -1.79 33.10	5.05 -1.76 28.33	1.83 -2.05 38.23	33.14 -1.93 13.80	6.53 -2.02 39.78	2.30 -2.12 38.61	-1.99 -1.43 28.51	9.08 -2.10 28.18	29.44 -1.95 12.98	38.91 -1.10 0.00	32.40 -0.51 0.00	29.49 -0.30 0.00	31.15 -0.36 0.00
MID__RAQUETTE_HYD 23851	26.00 -0.45 0.00	24.55 -0.55 0.00	22.20 -0.54 0.00	21.06 -0.56 0.00	19.32 -0.51 0.00	20.01 -0.60 0.00	23.03 -0.69 0.00	20.85 -0.68 0.00	22.44 -0.74 0.00	25.70 -0.92 0.00	27.73 -1.41 1.69	10.84 -1.51 20.84	15.74 -1.56 17.84	16.21 -1.82 24.07	39.12 -2.14 7.61	23.82 -2.11 22.39	17.01 -2.01 24.01	10.74 -1.38 15.84	19.82 -1.79 17.74	34.30 -1.90 8.17	38.62 -1.39 0.00	32.06 -0.85 0.00	29.06 -0.72 0.00	30.68 -0.83 0.00
MILLIKEN__1 23584	27.21 0.76 0.00	25.63 0.53 0.00	23.13 0.39 0.00	21.98 0.36 0.00	20.13 0.30 0.00	21.03 0.42 0.00	24.31 0.54 -0.05	22.03 0.50 0.00	23.70 0.52 0.00	27.15 0.53 0.00	31.42 0.59 0.00	34.30 0.74 -0.37	39.63 1.16 -3.34	45.28 1.10 -2.08	51.63 1.12 -1.65	51.00 1.24 -1.43	46.61 1.08 -2.50	35.40 0.70 -6.74	41.63 1.03 -1.24	45.55 1.18 0.00	41.19 1.18 0.00	33.79 0.88 0.00	30.57 0.79 0.00	32.27 0.76 0.00
MILLIKEN__2 23585	27.21 0.76 0.00	25.63 0.53 0.00	23.13 0.39 0.00	21.98 0.36 0.00	20.13 0.30 0.00	21.03 0.42 0.00	24.31 0.54 -0.05	22.03 0.50 0.00	23.70 0.52 0.00	27.15 0.53 0.00	31.42 0.59 0.00	34.30 0.74 -0.37	39.63 1.16 -3.34	45.28 1.10 -2.08	51.63 1.12 -1.65	51.00 1.24 -1.43	46.61 1.08 -2.50	35.40 0.70 -6.74	41.63 1.03 -1.24	45.55 1.18 0.00	41.19 1.18 0.00	33.79 0.88 0.00	30.57 0.79 0.00	32.27 0.76 0.00
MILLIKEN__DIESEL 23629	27.21 0.76 0.00	25.63 0.53 0.00	23.13 0.39 0.00	21.98 0.36 0.00	20.13 0.30 0.00	21.03 0.42 0.00	24.31 0.54 -0.05	22.03 0.50 0.00	23.70 0.52 0.00	27.15 0.53 0.00	31.42 0.59 0.00	34.30 0.74 -0.37	39.63 1.16 -3.34	45.28 1.10 -2.08	51.63 1.12 -1.65	51.00 1.24 -1.43	46.61 1.08 -2.50	35.40 0.70 -6.74	41.63 1.03 -1.24	45.55 1.18 0.00	41.19 1.18 0.00	33.79 0.88 0.00	30.57 0.79 0.00	32.27 0.76 0.00
MILLSEAT__LFGE 323607	27.08 0.63 0.00	25.48 0.39 0.00	22.51 -0.23 0.00	21.36 -0.26 0.00	19.47 -0.36 0.00	20.54 -0.08 0.00	23.61 0.02 0.12	21.47 -0.06 0.00	23.45 0.26 0.00	26.85 0.23 0.00	31.00 0.17 0.00	32.19 -0.15 0.85	27.40 -0.19 7.55	36.44 -0.70 4.95	43.98 -0.86 4.03	43.76 -1.07 3.50	42.66 -1.05 -0.67	31.92 -0.51 -4.47	39.30 -0.88 -0.82	43.22 -1.14 0.00	39.47 -0.54 0.00	32.83 -0.08 0.00	29.91 0.12 0.00	31.92 0.42 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.07 1.62 0.00	26.66 1.57 0.00	24.20 1.46 0.00	22.97 1.35 0.00	21.06 1.23 0.00	21.83 1.21 0.00	25.15 1.43 0.00	26.97 1.41 -4.02	29.26 1.53 -4.54	28.54 1.92 0.00	33.33 2.49 0.00	35.97 2.78 0.00	38.11 2.97 0.00	45.53 3.44 0.00	52.95 4.08 0.00	52.50 4.17 0.00	57.69 3.94 -10.71	63.63 2.56 -33.10	48.91 3.48 -6.07	47.91 3.54 0.00	47.50 2.97 -4.51	101.71 2.21 -66.59	65.25 2.00 -33.47	41.25 2.14 -7.60

MILLWOOD_13_KV_LOAD 356217	28.18 1.73 0.00	26.76 1.67 0.00	24.28 1.55 0.00	23.04 1.42 0.00	21.13 1.30 0.00	21.89 1.27 0.00	25.24 1.52 0.00	27.05 1.50 -4.02	29.36 1.64 -4.54	28.67 2.06 0.00	33.48 2.65 0.00	36.15 2.96 0.00	38.32 3.18 0.00	45.77 3.68 0.00	53.24 4.37 0.00	52.78 4.46 0.00	57.95 4.20 -10.71	63.81 2.74 -33.10	49.14 3.71 -6.07	48.18 3.81 0.00	47.73 3.21 -4.51	101.90 2.40 -66.59	65.41 2.15 -33.47	41.41 2.30 -7.60
MODEL_CITY_ENERGY 24167	26.30 -0.15 0.00	24.75 -0.35 0.00	21.83 -0.91 0.00	20.72 -0.90 0.00	18.86 -0.97 0.00	19.90 -0.72 0.00	22.81 -0.75 0.16	20.71 -0.82 0.00	22.63 -0.55 0.00	25.88 -0.74 0.00	29.84 -0.99 0.00	30.54 -1.56 1.09	23.99 -1.57 9.58	33.42 -2.41 6.28	41.00 -2.77 5.10	41.03 -2.86 4.43	40.83 -2.77 -0.56	31.11 -1.62 -4.78	37.76 -2.47 -0.88	41.32 -3.04 0.00	37.81 -2.20 0.00	31.55 -1.36 0.00	28.85 -0.94 0.00	30.94 -0.56 0.00
MODERN_LFGE_ 323580	26.30 -0.15 0.00	24.75 -0.35 0.00	21.83 -0.91 0.00	20.72 -0.90 0.00	18.86 -0.97 0.00	19.90 -0.72 0.00	22.81 -0.75 0.16	20.71 -0.82 0.00	22.63 -0.55 0.00	25.88 -0.74 0.00	29.84 -0.99 0.00	30.54 -1.56 1.09	23.99 -1.57 9.58	33.42 -2.41 6.28	41.00 -2.77 5.10	41.03 -2.86 4.43	40.83 -2.77 -0.56	31.11 -1.62 -4.78	37.76 -2.47 -0.88	41.32 -3.04 0.00	37.81 -2.20 0.00	31.55 -1.36 0.00	28.85 -0.94 0.00	30.94 -0.56 0.00
MOHAWK_PAPER___DRP 24187	27.47 1.02 0.00	26.11 1.02 0.00	23.76 1.02 0.00	22.62 1.00 0.00	20.74 0.91 0.00	21.54 0.92 0.00	24.78 1.06 0.00	23.31 0.94 -0.84	25.13 1.00 -0.95	27.89 1.27 0.00	32.29 1.46 0.00	34.75 1.56 0.00	36.88 1.74 0.00	44.27 2.17 0.00	51.33 2.47 0.00	50.78 2.46 0.00	72.98 2.42 -27.53	114.58 1.58 -85.04	57.12 2.16 -15.59	46.65 2.29 0.00	42.03 1.81 -0.21	37.34 1.31 -3.12	32.45 1.10 -1.57	33.02 1.15 -0.36
MOHICAN__35_KV_115KV_LD 80490	28.28 1.83 0.00	26.96 1.86 0.00	24.51 1.76 0.00	23.28 1.65 0.00	21.36 1.53 0.00	22.22 1.60 0.00	25.68 1.96 0.00	24.12 1.78 -0.80	25.99 1.90 -0.91	28.83 2.22 0.00	33.30 2.47 0.00	35.99 2.80 0.00	38.27 3.13 0.00	45.94 3.84 0.00	53.32 4.45 0.00	53.13 4.81 0.00	82.18 4.72 -34.42	137.36 3.08 -106.33	63.16 4.31 -19.50	48.82 4.46 0.00	44.06 3.85 -0.20	38.64 2.71 -3.02	33.60 2.30 -1.52	34.15 2.30 -0.34
MONGAUP___HYD 23641	27.98 1.53 0.00	26.65 1.55 0.00	24.25 1.51 0.00	22.94 1.31 0.00	21.02 1.19 0.00	21.66 1.04 0.00	24.95 1.23 0.00	19.84 1.16 2.86	21.38 1.42 3.23	28.22 1.60 0.00	32.73 1.90 0.00	35.19 2.00 0.00	37.20 2.07 0.00	44.43 2.34 0.00	51.22 2.35 0.00	50.65 2.33 0.00	54.86 2.25 -9.58	59.10 1.54 -29.61	46.97 2.18 -5.43	47.02 2.66 0.00	41.84 2.55 0.71	24.60 2.24 10.55	26.57 2.08 5.30	32.25 1.95 1.21
MONTAUK___DIESEL 23721	30.11 3.66 0.00	28.55 3.46 0.00	25.87 3.13 0.00	24.44 2.82 0.00	22.42 2.59 0.00	23.25 2.63 0.00	26.73 3.01 0.00	28.03 2.91 -3.59	30.47 3.22 -4.06	29.84 3.22 0.00	35.91 4.99 -0.09	38.80 5.61 0.00	41.05 5.91 0.00	49.31 7.21 0.00	59.46 8.69 -1.90	56.85 8.30 -0.23	61.70 7.53 -11.14	92.83 4.98 -59.89	117.99 6.86 -71.77	65.56 6.97 -14.22	85.90 6.57 -39.33	52.54 4.82 -14.81	41.23 4.41 -7.04	38.40 4.95 -1.95
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.34 0.89 0.00	25.65 0.55 0.00	21.97 -0.77 0.00	20.59 -1.03 0.00	18.69 -1.14 0.00	19.62 -1.00 0.00	22.69 -0.87 0.16	20.93 -0.60 0.00	22.86 -0.33 0.00	26.26 -0.36 0.00	30.43 -0.40 0.00	31.03 -1.00 1.15	24.01 -0.88 10.25	34.42 -0.98 6.70	42.33 -1.09 5.44	42.56 -1.03 4.73	43.12 -0.69 -0.77	33.52 -0.05 -5.61	40.49 0.10 -1.03	44.11 -0.25 0.00	40.68 0.67 0.00	33.70 0.78 0.00	30.64 0.85 0.00	32.74 1.24 0.00
MORTIMER_115KV_TB3 55949	26.75 0.29 0.00	25.22 0.12 0.00	22.48 -0.26 0.00	21.35 -0.27 0.00	19.50 -0.33 0.00	20.47 -0.14 0.00	23.63 -0.09 0.00	21.45 -0.09 0.00	23.33 0.14 0.00	26.77 0.16 0.00	30.98 0.15 0.00	33.08 -0.11 0.00	34.92 -0.22 0.00	41.51 -0.59 0.00	48.20 -0.67 0.00	47.62 -0.71 0.00	43.72 -0.50 -1.18	31.38 -0.24 -3.66	39.58 -0.46 -0.67	43.64 -0.72 0.00	39.61 -0.40 0.00	32.77 -0.14 0.00	29.74 -0.04 0.00	31.62 0.11 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.32 1.87 0.00	26.89 1.79 0.00	24.39 1.65 0.00	23.14 1.52 0.00	21.24 1.41 0.00	22.00 1.38 0.00	25.36 1.64 0.00	26.78 1.63 -3.62	29.06 1.78 -4.09	28.84 2.22 0.00	33.65 2.82 0.00	36.31 3.12 0.00	38.46 3.32 0.00	45.94 3.85 0.00	53.41 4.55 0.00	52.95 4.63 0.00	58.19 4.36 -10.80	64.15 2.83 -33.36	49.31 3.84 -6.12	48.29 3.92 0.00	44.16 3.31 -0.85	47.87 2.47 -12.48	38.32 2.26 -6.28	35.37 2.43 -1.43
MUNSVILLE_WIND_PWR 323609	28.61 2.16 0.00	26.96 1.86 0.00	24.32 1.58 0.00	23.06 1.44 0.00	21.16 1.33 0.00	22.15 1.53 0.00	25.66 1.91 -0.04	23.23 1.70 0.00	24.93 1.74 0.00	28.51 1.90 0.00	32.96 2.13 0.00	35.78 2.34 -0.25	39.79 2.43 -2.23	46.44 2.93 -1.41	53.68 3.69 -1.13	53.06 3.75 -0.98	51.59 4.05 -4.51	44.13 2.91 -13.26	45.90 4.11 -2.43	48.71 4.34 0.00	43.96 3.95 0.00	36.06 3.15 0.00	32.51 2.72 0.00	34.23 2.73 0.00
N SALMON___HYD 24042	27.10 0.65 0.00	25.53 0.43 0.00	23.02 0.28 0.00	21.81 0.19 0.00	19.98 0.16 0.00	20.76 0.14 0.00	23.92 0.19 0.00	21.67 0.13 0.00	23.37 0.18 0.00	26.80 0.18 0.00	29.08 -0.54 1.21	17.80 -0.53 14.85	21.67 -0.75 12.71	23.65 -1.29 17.16	48.14 -2.04 -1.32	47.16 -1.71 -0.55	25.13 -1.03 16.88	22.58 -0.94 4.44	26.10 -0.62 12.64	37.39 -1.15 5.82	39.28 -0.73 0.00	32.98 0.07 0.00	29.90 0.11 0.00	31.66 0.16 0.00
N.AKRON__115KV_KNAPP 355671	26.99 0.53 0.00	25.40 0.30 0.00	22.42 -0.33 0.00	21.28 -0.34 0.00	19.37 -0.46 0.00	20.45 -0.17 0.00	23.49 -0.10 0.13	21.35 -0.18 0.00	23.34 0.15 0.00	26.73 0.11 0.00	30.84 0.01 0.00	31.87 -0.40 0.92	26.51 -0.46 8.16	35.75 -1.00 5.35	43.37 -1.14 4.35	43.16 -1.39 3.78	42.33 -1.34 -0.64	31.80 -0.71 -4.55	39.04 -1.15 -0.83	42.89 -1.47 0.00	39.17 -0.84 0.00	32.61 -0.30 0.00	29.73 -0.05 0.00	31.78 0.28 0.00
N.BELMOR_69_KV_BK1 55787	28.72 2.26 0.00	27.24 2.15 0.00	24.75 2.01 0.00	23.43 1.81 0.00	21.49 1.67 0.00	22.28 1.66 0.00	25.60 1.88 0.00	26.95 1.83 -3.59	29.19 1.95 -4.06	28.92 2.31 0.00	34.25 3.33 -0.09	36.80 3.61 0.00	38.90 3.76 0.00	46.47 4.37 0.00	54.64 5.30 -0.47	53.46 5.13 0.00	58.94 4.86 -11.04	91.05 3.22 -59.88	109.03 4.39 -65.28	57.52 4.41 -8.75	76.34 3.89 -32.45	58.86 2.86 -23.08	42.26 2.72 -9.75	36.53 3.08 -1.95
N.E._GEN_SANDY PD 24062	27.50 1.04 0.00	26.17 1.07 0.00	23.82 1.08 0.00	22.67 1.05 0.00	20.78 0.95 0.00	21.49 0.92 0.05	24.90 1.08 -0.09	23.79 0.97 -1.29	25.67 1.02 -1.46	27.88 1.27 0.00	32.33 1.50 0.00	34.92 1.73 0.00	36.97 1.90 0.07	44.38 2.28 0.00	51.33 2.49 0.02	50.84 2.51 0.00	61.20 2.43 -15.74	78.12 1.53 -48.63	50.35 2.07 -8.92	46.60 2.23 0.00	41.89 1.78 -0.10	39.95 1.32 -5.73	32.85 1.13 -1.94	33.85 1.20 -1.15

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	27.96 1.50 0.00	26.57 1.47 0.00	24.12 1.38 0.00	22.89 1.26 0.00	20.99 1.16 0.00	21.74 1.12 0.00	25.06 1.34 0.00	17.97 1.32 4.89	19.08 1.42 5.52	28.43 1.81 0.00	33.23 2.40 0.00	35.88 2.69 0.00	38.03 2.89 0.00	45.42 3.32 0.00	52.84 3.97 0.00	52.44 4.11 0.00	57.23 3.90 -10.30	62.33 2.55 -31.82	48.64 3.44 -5.84	47.83 3.46 0.00	41.78 2.90 1.13	18.40 2.14 16.65	23.35 1.93 8.37	31.65 2.05 1.90
N. QUEENS_27_KV_LOAD 356247	28.42 1.97 0.00	26.97 1.87 0.00	24.47 1.73 0.00	23.22 1.60 0.00	21.29 1.46 0.00	22.06 1.44 0.00	25.43 1.71 0.00	26.84 1.69 -3.62	29.14 1.86 -4.09	28.91 2.29 0.00	33.72 2.89 0.00	36.38 3.19 0.00	38.43 3.29 0.00	45.84 3.74 0.00	53.41 4.55 0.00	52.84 4.52 0.00	58.13 4.30 -10.79	64.11 2.80 -33.35	49.28 3.81 -6.11	48.34 3.99 0.01	44.23 3.38 -0.84	47.91 2.52 -12.48	38.42 2.36 -6.28	35.42 2.49 -1.43
N. TROY___115KV_TB1 355778	27.46 1.00 0.00	26.13 1.04 0.00	23.79 1.05 0.00	22.65 1.03 0.00	20.77 0.94 0.00	21.57 0.96 0.00	24.82 1.11 0.00	23.34 0.95 -0.85	25.15 1.00 -0.96	27.83 1.21 0.00	32.20 1.37 0.00	34.74 1.55 0.00	36.87 1.73 0.00	44.21 2.12 0.00	51.18 2.32 0.00	50.65 2.32 0.00	75.93 2.30 -30.61	123.99 1.48 -94.55	58.74 2.04 -17.34	46.58 2.22 0.00	42.02 1.79 -0.22	37.40 1.30 -3.18	32.48 1.09 -1.60	33.03 1.16 -0.36
NARROWS_GT1_1 24228	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
NARROWS_GT1_2 24229	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
NARROWS_GT1_3 24230	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
NARROWS_GT1_4 24231	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
NARROWS_GT1_5 24232	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
NARROWS_GT1_6 24233	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
NARROWS_GT1_7 24234	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
NARROWS_GT1_8 24235	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
NARROWS_GT2_1 24236	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
NARROWS_GT2_2 24237	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
NARROWS_GT2_3 24238	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
NARROWS_GT2_4 24239	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43

NARROWS_GT2_5 24240	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
NARROWS_GT2_6 24241	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
NARROWS_GT2_7 24242	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
NARROWS_GT2_8 24243	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.48 0.00	22.07 1.45 0.00	25.45 1.74 0.00	26.88 1.73 -3.62	29.17 1.89 -4.09	95.36 2.32 -66.42	34.68 2.97 -0.87	36.44 3.25 0.00	38.59 3.45 0.00	46.08 3.98 0.00	53.57 4.69 -0.01	53.00 4.67 -0.01	58.25 4.41 -10.80	64.17 2.85 -33.36	49.34 3.85 -6.13	48.38 4.01 -0.01	44.30 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.58 -1.43
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.71 1.26 0.00	26.35 1.25 0.00	23.96 1.22 0.00	22.80 1.19 0.00	20.92 1.09 0.00	21.75 1.13 0.00	25.02 1.30 0.00	23.28 1.16 -0.59	25.03 1.17 -0.67	28.31 1.70 0.00	32.86 2.03 0.00	35.04 1.85 0.00	36.80 1.66 0.00	44.14 2.04 0.00	51.18 2.31 0.00	50.73 2.40 0.00	64.16 2.32 -18.81	87.95 1.75 -58.24	52.45 2.41 -10.68	47.08 2.71 0.00	42.18 2.17 0.00	34.47 1.57 0.00	31.13 1.34 0.00	32.97 1.47 0.00
NCHELSEA_115KV_TR2 355582	28.23 1.78 0.00	26.81 1.71 0.00	24.32 1.58 0.00	23.08 1.46 0.00	21.16 1.33 0.00	21.93 1.32 0.00	25.29 1.58 0.00	23.12 1.59 0.00	24.94 1.76 0.00	28.80 2.18 0.00	33.58 2.75 0.00	36.29 3.10 0.00	38.52 3.38 0.00	46.06 3.97 0.00	53.56 4.69 0.00	53.02 4.69 0.00	58.37 4.39 -10.94	64.68 2.90 -33.82	49.52 3.96 -6.20	48.46 4.09 0.00	43.41 3.40 0.00	35.48 2.57 0.00	32.04 2.25 0.00	33.84 2.33 0.00
NEG CAPITAL___MECHNVIL 23645	27.99 1.54 0.00	26.62 1.53 0.00	24.20 1.46 0.00	23.01 1.39 0.00	21.10 1.28 0.00	21.95 1.33 0.00	25.30 1.58 0.00	23.78 1.42 -0.82	25.65 1.53 -0.93	28.46 1.84 0.00	32.93 2.10 0.00	35.53 2.34 0.00	37.77 2.64 0.00	45.33 3.24 0.00	52.54 3.67 0.00	52.12 3.79 0.00	80.04 3.66 -33.34	133.37 2.40 -103.01	61.57 3.32 -18.89	47.86 3.50 0.00	43.15 2.93 -0.21	38.13 2.14 -3.08	33.14 1.81 -1.55	33.70 1.85 -0.35
NEG CENTRAL_HIGH_ACRES 23767	26.28 -0.18 0.00	24.75 -0.35 0.00	22.14 -0.59 0.00	21.04 -0.58 0.00	19.23 -0.60 0.00	20.17 -0.45 0.00	23.27 -0.45 0.00	21.16 -0.37 0.00	22.97 -0.21 0.00	26.38 -0.23 0.00	30.55 -0.27 0.00	32.77 -0.42 0.00	34.77 -0.37 0.00	41.26 -0.83 0.00	47.79 -1.08 0.00	47.14 -1.18 0.00	43.25 -0.89 -1.11	30.91 -0.49 -3.43	39.22 -0.76 -0.63	43.32 -1.05 0.00	39.24 -0.77 0.00	32.38 -0.53 0.00	29.33 -0.46 0.00	31.09 -0.42 0.00
NEG CENTRAL___DRP 24199	26.90 0.45 0.00	25.25 0.15 0.00	22.70 -0.04 0.00	21.56 -0.06 0.00	19.73 -0.10 0.00	20.65 0.03 0.00	23.89 0.10 -0.07	21.65 0.11 0.00	23.35 0.16 0.00	26.77 0.15 0.00	30.99 0.16 0.00	33.96 0.28 -0.49	40.43 0.89 -4.40	45.29 0.46 -2.73	51.36 0.33 -2.16	50.22 0.02 -1.88	44.69 0.04 -1.62	31.85 0.17 -3.72	40.34 0.30 -0.68	44.60 0.24 0.00	40.35 0.35 0.00	33.17 0.26 0.00	30.06 0.27 0.00	31.75 0.25 0.00
NEG CENTRAL___INDECK 23768	27.54 1.08 0.00	26.09 1.00 0.00	23.17 0.43 0.00	21.89 0.27 0.00	19.92 0.09 0.00	20.93 0.31 0.00	24.92 0.50 -0.70	21.78 0.25 0.00	23.14 -0.05 0.00	26.45 -0.17 0.00	30.53 -0.30 0.00	37.30 -0.84 -4.95	78.15 -1.01 -44.02	68.86 -1.80 -28.56	69.92 -2.08 -23.13	66.42 -2.02 -20.11	47.77 -1.48 -6.21	32.81 -0.67 -5.52	39.54 -0.83 -1.01	43.66 -0.70 0.00	40.24 0.23 0.00	33.41 0.50 0.00	30.28 0.49 0.00	32.75 1.24 0.00
NEG CENTRAL___SENECA 23627	26.99 0.54 0.00	25.41 0.32 0.00	22.75 0.01 0.00	21.57 -0.04 0.00	19.74 -0.09 0.00	20.70 0.08 0.00	24.03 0.21 -0.10	21.74 0.20 0.00	23.48 0.29 0.00	26.91 0.29 0.00	31.12 0.29 0.00	34.28 0.34 -0.76	42.50 0.64 -6.72	46.85 0.48 -4.28	52.81 0.53 -3.42	51.44 0.14 -2.98	45.28 0.17 -2.07	32.64 0.30 -4.38	40.69 0.53 -0.80	44.78 0.42 0.00	40.56 0.55 0.00	33.38 0.47 0.00	30.25 0.47 0.00	31.94 0.44 0.00
NEG CENTRAL___STATE_STREET 24147	27.20 0.75 0.00	25.39 0.29 0.00	22.97 0.23 0.00	21.87 0.26 0.00	19.97 0.14 0.00	20.89 0.27 0.00	24.10 0.35 -0.03	21.82 0.28 0.00	23.50 0.31 0.00	26.95 0.34 0.00	31.26 0.43 0.00	34.02 0.60 -0.23	38.67 1.45 -2.08	44.17 0.88 -1.20	50.43 0.66 -0.90	49.86 0.75 -0.79	44.98 0.62 -1.32	31.97 0.46 -3.56	40.69 0.68 -0.65	45.23 0.86 0.00	40.87 0.86 0.00	33.45 0.54 0.00	30.31 0.53 0.00	32.00 0.50 0.00
NEG MILLWOOD___DRP 24198	28.37 1.91 0.00	26.93 1.83 0.00	24.42 1.68 0.00	23.17 1.55 0.00	21.24 1.42 0.00	22.02 1.40 0.00	25.40 1.68 0.00	24.59 1.67 -1.39	26.60 1.85 -1.57	28.93 2.31 0.00	33.75 2.92 0.00	36.47 3.28 0.00	38.72 3.58 0.00	46.30 4.20 0.00	53.82 4.96 0.00	53.36 5.03 0.00	58.77 4.71 -11.02	65.11 3.10 -34.05	49.84 4.24 -6.24	48.75 4.39 0.00	44.02 3.67 -0.34	40.68 2.77 -5.00	34.73 2.44 -2.51	34.61 2.53 -0.57
NEG NORTH_FLCN_SEA 23793	27.62 1.17 0.00	26.03 0.93 0.00	23.45 0.71 0.00	22.22 0.60 0.00	20.34 0.51 0.00	21.13 0.51 0.00	24.36 0.63 0.00	22.04 0.50 0.00	23.73 0.55 0.00	27.23 0.61 0.98	29.65 -0.20 12.09	21.04 -0.05 10.35	24.38 -0.41 13.97	27.02 -1.12 17.48	29.21 -2.17 45.04	1.41 -1.88 13.59	28.58 -0.86 19.47	7.57 -0.93 10.29	28.84 -0.22 4.74	38.75 -0.88 0.00	39.45 -0.56 0.00	33.31 0.40 0.00	30.22 0.43 0.00	32.11 0.61 0.00
NEG NORTH_KES_CHATEGAY 23792	27.21 0.76 0.00	25.63 0.54 0.00	23.11 0.37 0.00	21.89 0.27 0.00	20.05 0.22 0.00	20.83 0.21 0.00	23.99 0.27 0.00	21.71 0.18 0.00	23.40 0.22 0.00	26.85 0.24 0.00	29.20 -0.60 1.04	19.82 -0.54 12.83	23.27 -0.89 10.98	25.67 -1.61 14.82	27.64 -2.64 18.58	-1.82 -2.28 47.86	27.19 -1.37 14.47	5.90 -1.19 20.87	27.72 -0.72 10.92	37.94 -1.39 5.03	38.98 -1.02 0.00	32.85 -0.06 0.00	29.82 0.03 0.00	31.66 0.15 0.00

NEG NORTH___ALICE_FALLS 23915	27.58 1.13 0.00	25.97 0.87 0.00	23.39 0.65 0.00	22.16 0.54 0.00	20.29 0.46 0.00	21.08 0.45 0.00	24.30 0.59 0.00	22.01 0.47 0.00	23.71 0.52 0.00	27.20 0.58 0.00	29.60 -0.24 0.99	20.87 -0.11 12.21	24.22 -0.47 10.45	26.81 -1.18 14.10	28.96 -2.25 17.66	0.93 -1.91 45.48	28.42 -0.88 13.73	7.38 -0.89 19.69	28.78 -0.18 10.39	38.74 -0.83 4.79	39.50 -0.51 0.00	33.33 0.42 0.00	30.23 0.44 0.00	32.09 0.58 0.00
NEG NORTH___LWR_SARANAC 23913	27.58 1.13 0.00	25.97 0.87 0.00	23.39 0.65 0.00	22.16 0.54 0.00	20.29 0.46 0.00	21.08 0.45 0.00	24.30 0.59 0.00	22.01 0.47 0.00	23.71 0.52 0.00	27.20 0.58 0.00	29.60 -0.24 0.99	20.87 -0.11 12.21	24.22 -0.47 10.45	26.81 -1.18 14.10	28.96 -2.25 17.66	0.93 -1.91 45.48	28.42 -0.88 13.73	7.38 -0.89 19.69	28.78 -0.18 10.39	38.74 -0.83 4.79	39.50 -0.51 0.00	33.33 0.42 0.00	30.23 0.44 0.00	32.09 0.58 0.00
NEG NORTH___PLATTSBURG 23628	27.58 1.12 0.00	25.97 0.87 0.00	23.40 0.65 0.00	22.16 0.54 0.00	20.28 0.46 0.00	21.08 0.46 0.00	24.30 0.59 0.00	22.00 0.47 0.00	23.71 0.52 0.00	27.20 0.58 0.00	29.60 -0.24 0.99	20.86 -0.12 12.21	24.22 -0.47 10.45	26.81 -1.19 14.10	28.96 -2.25 17.66	0.93 -1.91 45.48	28.42 -0.89 13.73	7.38 -0.89 19.69	28.78 -0.18 10.39	38.74 -0.83 4.79	39.50 -0.51 0.00	33.33 0.42 0.00	30.22 0.44 0.00	32.09 0.58 0.00
NEG WEST_LEA_LOCKPORT 23791	26.55 0.10 0.00	24.99 -0.10 0.00	22.04 -0.71 0.00	20.91 -0.71 0.00	19.02 -0.81 0.00	20.06 -0.55 0.00	23.01 -0.55 0.16	20.92 -0.61 0.00	22.89 -0.30 0.00	26.18 -0.44 0.00	30.20 -0.63 0.00	30.87 -1.21 1.11	23.95 -1.36 9.83	33.61 -2.05 6.43	41.32 -2.32 5.23	41.33 -2.45 4.55	41.30 -2.26 -0.52	31.37 -1.30 -4.71	38.24 -1.99 -0.86	41.88 -2.49 0.00	38.29 -1.72 0.00	31.92 -0.99 0.00	29.17 -0.62 0.00	31.24 -0.26 0.00
NEG WEST___LANCASTR 23811	26.81 0.35 0.00	25.28 0.18 0.00	22.33 -0.41 0.00	21.18 -0.44 0.00	19.30 -0.53 0.00	20.33 -0.29 0.00	23.38 -0.18 0.16	21.33 -0.20 0.00	23.25 0.07 0.00	26.66 0.04 0.00	30.79 -0.05 0.00	31.62 -0.45 1.12	24.58 -0.62 9.94	34.58 -1.02 6.50	42.54 -1.05 5.28	42.64 -1.10 4.59	42.72 -1.14 -0.83	33.02 -0.62 -5.68	39.41 -0.99 -1.04	42.94 -1.42 0.00	39.15 -0.86 0.00	32.51 -0.40 0.00	29.63 -0.15 0.00	31.62 0.11 0.00
NEG_PENN_ALLEGHNY 23528	26.99 0.54 0.00	25.59 0.49 0.00	23.01 0.27 0.00	21.85 0.23 0.00	20.04 0.21 0.00	20.93 0.31 0.00	24.17 0.45 0.00	21.97 0.43 0.00	23.66 0.47 0.00	27.20 0.58 0.00	31.54 0.71 0.00	33.93 0.74 0.00	35.86 0.73 0.00	42.99 0.89 0.00	49.96 1.10 0.00	49.48 1.16 0.00	47.68 0.98 -3.67	39.98 0.70 -11.33	42.35 0.92 -2.08	45.14 0.78 0.00	40.77 0.76 0.00	33.51 0.60 0.00	30.33 0.54 0.00	32.11 0.60 0.00
NEG___GEN_MONROE 24207	27.05 0.59 0.00	25.45 0.35 0.00	22.62 -0.12 0.00	21.46 -0.16 0.00	19.60 -0.23 0.00	20.58 -0.04 0.00	23.85 0.13 0.00	21.58 0.05 0.00	23.49 0.30 0.00	26.98 0.37 0.00	31.18 0.35 0.00	33.27 0.08 0.00	35.20 0.05 0.00	41.81 -0.29 0.00	48.51 -0.36 0.00	47.73 -0.59 0.00	43.80 -0.43 -1.20	31.50 -0.16 -3.70	39.76 -0.28 -0.68	43.86 -0.50 0.00	39.87 -0.13 0.00	33.01 0.10 0.00	29.96 0.17 0.00	31.78 0.28 0.00
NEPA___ENERGY 23901	26.89 0.44 0.00	25.39 0.30 0.00	22.31 -0.43 0.00	21.12 -0.50 0.00	19.30 -0.53 0.00	20.32 -0.30 0.00	23.43 -0.11 0.18	21.45 -0.08 0.00	23.29 0.10 0.00	26.81 0.20 0.00	31.04 0.20 0.00	31.77 -0.15 1.27	23.42 -0.47 11.25	34.07 -0.68 7.35	42.33 -0.57 5.97	42.76 -0.38 5.19	43.21 -0.54 -0.71	33.54 -0.15 -5.73	40.10 -0.31 -1.05	43.54 -0.83 0.00	39.73 -0.28 0.00	32.86 -0.05 0.00	29.92 0.13 0.00	31.90 0.40 0.00
NEVERSINK___HYD 23608	27.67 1.21 0.00	26.26 1.16 0.00	23.79 1.05 0.00	22.57 0.94 0.00	20.68 0.85 0.00	21.46 0.83 0.00	24.73 1.01 0.00	22.08 1.11 0.56	23.80 1.25 0.63	28.20 1.58 0.00	32.83 2.00 0.00	35.49 2.30 0.00	37.86 2.72 0.00	45.00 2.91 0.00	51.22 2.35 0.00	50.86 2.54 0.00	55.42 2.45 -9.94	60.44 1.76 -30.73	47.48 2.49 -5.64	46.95 2.59 0.00	42.89 2.88 0.00	35.04 2.13 0.00	31.59 1.80 0.00	33.28 1.78 0.00
NEWKRMKL_115KV_TB1 55635	27.05 0.59 0.00	25.73 0.63 0.00	23.43 0.69 0.00	22.30 0.68 0.00	20.46 0.63 0.00	21.23 0.61 0.00	24.36 0.64 0.00	22.91 0.53 -0.84	24.70 0.56 -0.95	27.37 0.76 0.00	31.71 0.88 0.00	34.11 0.92 0.00	36.16 1.02 0.00	43.44 1.34 0.00	50.45 1.58 0.00	49.91 1.58 0.00	70.03 1.61 -25.39	107.42 1.03 -78.43	55.13 1.39 -14.38	45.80 1.44 0.00	41.28 1.06 -0.21	36.73 0.71 -3.11	31.95 0.60 -1.57	32.52 0.66 -0.35
NEWTON___FALLS_HYD 23847	26.22 -0.24 0.00	24.77 -0.33 0.00	22.39 -0.36 0.00	21.18 -0.44 0.00	19.44 -0.38 0.00	20.09 -0.52 0.00	23.23 -0.49 0.00	21.02 -0.51 0.00	22.53 -0.66 0.00	25.57 -1.04 0.00	26.57 -1.58 2.69	-1.70 -1.79 33.10	5.05 -1.76 28.33	1.83 -2.05 38.23	33.14 -1.93 13.80	6.53 -2.02 39.78	2.30 -2.12 38.61	-1.99 -1.43 28.51	9.08 -2.10 28.18	29.44 -1.95 12.98	38.91 -1.10 0.00	32.40 -0.51 0.00	29.49 -0.30 0.00	31.15 -0.36 0.00
NGRID_A1_DSASP 323792	26.08 -0.37 0.00	24.55 -0.54 0.00	21.66 -1.08 0.00	20.56 -1.06 0.00	18.71 -1.12 0.00	19.74 -0.88 0.00	22.62 -0.94 0.16	20.57 -0.97 0.00	22.54 -0.64 0.00	25.76 -0.85 0.00	29.70 -1.14 0.00	30.17 -1.90 1.12	23.25 -1.97 9.92	32.55 -3.06 6.48	40.03 -3.56 5.27	40.07 -3.68 4.58	40.33 -3.25 -0.55	30.86 -1.91 -4.82	37.34 -2.91 -0.88	40.81 -3.56 0.00	37.36 -2.65 0.00	31.19 -1.72 0.00	28.64 -1.15 0.00	30.71 -0.80 0.00
NGRID_A2_DSASP 323793	26.08 -0.37 0.00	24.55 -0.54 0.00	21.66 -1.08 0.00	20.56 -1.06 0.00	18.71 -1.12 0.00	19.74 -0.88 0.00	22.62 -0.94 0.16	20.57 -0.97 0.00	22.54 -0.64 0.00	25.76 -0.85 0.00	29.70 -1.14 0.00	30.17 -1.90 1.12	23.25 -1.97 9.92	32.55 -3.06 6.48	40.03 -3.56 5.27	40.07 -3.68 4.58	40.33 -3.25 -0.55	30.86 -1.91 -4.82	37.34 -2.91 -0.88	40.81 -3.56 0.00	37.36 -2.65 0.00	31.19 -1.72 0.00	28.64 -1.15 0.00	30.71 -0.80 0.00
NGRID_A4_DSASP 323807	26.08 -0.37 0.00	24.55 -0.54 0.00	21.66 -1.08 0.00	20.57 -1.05 0.00	18.71 -1.12 0.00	19.73 -0.88 0.00	22.62 -0.94 0.16	20.56 -0.97 0.00	22.54 -0.65 0.00	25.75 -0.86 0.00	29.69 -1.14 0.00	30.16 -1.91 1.12	23.16 -2.06 9.92	32.57 -3.05 6.48	40.04 -3.56 5.27	40.09 -3.65 4.58	40.32 -3.27 -0.55	30.84 -1.94 -4.82	37.33 -2.91 -0.88	40.81 -3.55 0.00	37.35 -2.66 0.00	31.18 -1.73 0.00	28.63 -1.16 0.00	30.70 -0.80 0.00
NIAGARA_115E_LBMP 323715	26.15 -0.30 0.00	24.62 -0.48 0.00	21.71 -1.03 0.00	20.61 -1.01 0.00	18.76 -1.07 0.00	19.79 -0.83 0.00	22.68 -0.88 0.16	20.57 -0.96 0.00	22.47 -0.71 0.00	25.69 -0.93 0.00	29.62 -1.21 0.00	30.28 -1.80 1.11	23.54 -1.78 9.81	32.99 -2.68 6.43	40.55 -3.09 5.23	40.62 -3.16 4.54	40.52 -3.07 -0.56	30.95 -1.84 -4.83	37.47 -2.77 -0.88	40.98 -3.39 0.00	37.51 -2.50 0.00	31.32 -1.59 0.00	28.65 -1.14 0.00	30.75 -0.76 0.00

NIAGARA_115W_LBMP 323714	25.99 -0.46 0.00	24.47 -0.62 0.00	21.59 -1.15 0.00	20.50 -1.12 0.00	18.65 -1.18 0.00	19.68 -0.94 0.00	22.55 -1.01 0.16	20.50 -1.03 0.00	22.47 -0.72 0.00	25.67 -0.95 0.00	29.60 -1.23 0.00	30.07 -2.02 1.11	23.24 -2.06 9.84	32.46 -3.26 6.43	39.88 -3.76 5.23	39.92 -3.86 4.54	40.14 -3.43 -0.53	30.69 -2.02 -4.75	37.17 -3.07 -0.87	40.63 -3.73 0.00	37.20 -2.81 0.00	31.06 -1.85 0.00	28.54 -1.25 0.00	30.61 -0.90 0.00
NIAGARA_230_LBMP 323716	26.19 -0.26 0.00	24.67 -0.43 0.00	21.77 -0.97 0.00	20.67 -0.95 0.00	18.81 -1.02 0.00	19.84 -0.78 0.00	22.74 -0.83 0.15	20.69 -0.84 0.00	22.63 -0.55 0.00	25.88 -0.74 0.00	29.84 -0.99 0.00	30.52 -1.61 1.05	23.89 -1.88 9.37	33.28 -2.69 6.13	40.86 -3.03 4.98	40.85 -3.15 4.33	40.85 -2.76 -0.58	31.09 -1.61 -4.73	37.77 -2.46 -0.87	41.31 -3.06 0.00	37.78 -2.23 0.00	31.49 -1.42 0.00	28.79 -1.00 0.00	30.83 -0.67 0.00
NIAGARA__115KV_198_GIBSON 55903	26.00 -0.45 0.00	24.47 -0.62 0.00	21.59 -1.15 0.00	20.50 -1.11 0.00	18.65 -1.18 0.00	19.67 -0.94 0.00	22.55 -1.01 0.16	20.50 -1.04 0.00	22.46 -0.73 0.00	25.66 -0.95 0.00	29.59 -1.24 0.00	30.05 -2.03 1.11	23.15 -2.15 9.83	32.48 -3.19 6.43	39.89 -3.75 5.23	39.95 -3.83 4.54	40.13 -3.44 -0.53	30.66 -2.05 -4.75	37.16 -3.07 -0.87	40.63 -3.73 0.00	37.18 -2.83 0.00	31.05 -1.86 0.00	28.53 -1.26 0.00	30.60 -0.91 0.00
NIAGARA____ 23760	26.12 -0.33 0.00	24.60 -0.50 0.00	21.69 -1.05 0.00	20.59 -1.03 0.00	18.75 -1.08 0.00	19.77 -0.85 0.00	22.67 -0.90 0.15	20.61 -0.93 0.00	22.54 -0.65 0.00	25.77 -0.85 0.00	29.72 -1.11 0.00	30.34 -1.78 1.07	23.78 -1.89 9.47	33.06 -2.82 6.22	40.54 -3.26 5.06	40.56 -3.37 4.40	40.58 -3.02 -0.57	30.93 -1.80 -4.77	37.53 -2.71 -0.87	41.04 -3.32 0.00	37.55 -2.46 0.00	31.33 -1.58 0.00	28.68 -1.11 0.00	30.74 -0.77 0.00
NINE_MILE_1 23575	25.62 -0.84 0.00	24.29 -0.80 0.00	21.99 -0.75 0.00	20.93 -0.69 0.00	19.21 -0.62 0.00	19.99 -0.63 0.00	22.98 -0.74 0.00	20.89 -0.64 0.00	22.49 -0.69 0.00	25.78 -0.84 0.00	29.86 -0.97 0.00	32.13 -1.06 0.00	34.00 -1.14 0.00	40.72 -1.37 0.00	47.34 -1.53 0.00	46.76 -1.57 0.00	41.63 -1.41 0.00	27.09 -0.87 0.00	38.08 -1.28 0.00	42.89 -1.47 0.00	38.71 -1.29 0.00	31.86 -1.05 0.00	28.85 -0.94 0.00	30.53 -0.97 0.00
NINE_MILE_2 23744	25.62 -0.84 0.00	24.29 -0.80 0.00	21.99 -0.75 0.00	20.93 -0.69 0.00	19.21 -0.62 0.00	19.99 -0.63 0.00	22.98 -0.74 0.00	20.89 -0.64 0.00	22.49 -0.69 0.00	25.78 -0.84 0.00	29.86 -0.97 0.00	32.13 -1.06 0.00	34.00 -1.14 0.00	40.72 -1.37 0.00	47.34 -1.53 0.00	46.76 -1.56 0.00	41.63 -1.41 0.00	27.09 -0.87 0.00	38.08 -1.28 0.00	42.89 -1.47 0.00	38.72 -1.29 0.00	31.86 -1.04 0.00	28.85 -0.94 0.00	30.53 -0.97 0.00
NM_CAPITAL____DRP 24208	27.10 0.65 0.00	25.78 0.69 0.00	23.48 0.74 0.00	22.36 0.74 0.00	20.51 0.69 0.00	21.29 0.67 0.00	24.46 0.74 0.00	23.01 0.63 -0.85	24.80 0.66 -0.96	27.48 0.86 0.00	31.82 0.98 0.00	34.24 1.05 0.00	36.29 1.16 0.00	43.54 1.45 0.00	50.47 1.60 0.00	49.93 1.61 0.00	69.78 1.63 -25.12	106.60 1.04 -77.60	54.99 1.40 -14.23	45.85 1.49 0.00	41.33 1.11 -0.21	36.83 0.76 -3.17	32.01 0.64 -1.59	32.57 0.71 -0.36
NM_CENTRAL____DRP 24181	26.32 -0.13 0.00	24.90 -0.20 0.00	22.49 -0.25 0.00	21.39 -0.23 0.00	19.63 -0.20 0.00	20.46 -0.16 0.00	23.55 -0.17 0.00	21.42 -0.11 0.00	23.06 -0.13 0.00	26.42 -0.19 0.00	30.66 -0.17 0.00	33.03 -0.16 0.00	35.12 -0.02 0.00	41.93 -0.16 0.00	48.71 -0.16 0.00	48.05 -0.27 0.00	42.72 -0.32 0.00	27.80 -0.16 0.00	39.08 -0.28 0.00	43.98 -0.39 0.00	39.70 -0.31 0.00	32.65 -0.26 0.00	29.53 -0.26 0.00	31.24 -0.27 0.00
NM_FRONTIER____DRP 24179	26.00 -0.45 0.00	24.47 -0.62 0.00	21.59 -1.15 0.00	20.50 -1.11 0.00	18.65 -1.18 0.00	19.67 -0.94 0.00	22.55 -1.01 0.16	20.50 -1.04 0.00	22.46 -0.73 0.00	25.66 -0.95 0.00	29.59 -1.24 0.00	30.05 -2.03 1.11	23.15 -2.15 9.83	32.48 -3.19 6.43	39.89 -3.75 5.23	39.95 -3.83 4.54	40.13 -3.44 -0.53	30.66 -2.05 -4.75	37.16 -3.07 -0.87	40.63 -3.73 0.00	37.18 -2.83 0.00	31.05 -1.86 0.00	28.53 -1.26 0.00	30.60 -0.91 0.00
NM_ST_REGIS____HYD 24053	26.31 -0.14 0.00	24.83 -0.27 0.00	22.43 -0.31 0.00	21.27 -0.35 0.00	19.50 -0.32 0.00	20.22 -0.40 0.00	23.29 -0.44 0.00	21.08 -0.45 0.00	22.70 -0.49 0.00	26.00 -0.62 0.00	28.08 -1.16 1.59	12.35 -1.23 19.61	17.04 -1.32 16.78	17.80 -1.65 22.65	41.03 -2.07 5.77	28.70 -1.96 17.67	18.78 -1.71 22.54	13.23 -1.24 13.50	21.21 -1.46 16.69	35.01 -1.67 7.69	38.83 -1.18 0.00	32.34 -0.57 0.00	29.31 -0.48 0.00	30.96 -0.54 0.00
NORTHPORT____1 23551	28.39 1.94 0.00	27.01 1.91 0.00	24.60 1.85 0.00	23.25 1.63 0.00	21.36 1.53 0.00	22.12 1.51 0.00	25.34 1.62 0.00	26.68 1.55 -3.59	28.87 1.62 -4.06	28.20 1.78 0.19	33.77 2.84 -0.09	36.30 3.11 0.00	38.34 3.20 0.00	45.69 3.77 0.18	54.28 4.71 -0.71	52.44 4.57 0.45	57.81 4.36 -10.41	89.13 2.89 -58.27	107.65 3.96 -64.33	57.36 3.86 -9.13	77.00 3.41 -33.58	49.33 2.22 -14.20	38.85 2.16 -6.90	36.18 2.73 -1.95
NORTHPORT____2 23552	28.39 1.94 0.00	27.01 1.91 0.00	24.60 1.85 0.00	23.25 1.63 0.00	21.36 1.53 0.00	22.12 1.51 0.00	25.34 1.62 0.00	26.68 1.55 -3.59	28.86 1.62 -4.06	21.89 1.78 6.50	33.77 2.84 -0.09	36.30 3.11 0.00	38.34 3.20 0.01	39.69 3.77 6.18	53.13 4.71 0.45	36.23 4.57 16.66	36.20 4.36 11.19	36.10 2.89 -5.25	36.11 3.96 7.21	36.42 3.86 11.80	72.18 3.41 -28.76	38.40 2.22 -3.27	37.32 2.16 -5.37	36.18 2.73 -1.95
NORTHPORT____3 23553	28.45 2.00 0.00	27.07 1.97 0.00	24.62 1.88 0.00	23.29 1.67 0.00	21.38 1.55 0.00	22.15 1.53 0.00	25.38 1.66 0.00	26.66 1.53 -3.59	28.82 1.58 -4.06	21.79 1.67 6.49	33.70 2.78 -0.09	36.18 2.99 0.00	38.13 2.99 0.00	39.41 3.48 6.17	52.71 4.29 0.45	35.92 4.25 16.65	35.93 4.08 11.19	35.92 2.71 -5.25	35.84 3.68 7.20	36.12 3.56 11.80	71.83 3.05 -28.76	38.24 2.09 -3.24	37.22 2.07 -5.36	36.08 2.63 -1.95
NORTHPORT____4 23650	28.45 2.00 0.00	27.07 1.97 0.00	24.62 1.88 0.00	23.29 1.67 0.00	21.38 1.55 0.00	22.15 1.53 0.00	25.38 1.66 0.00	26.66 1.53 -3.59	28.82 1.58 -4.06	21.79 1.67 6.49	33.70 2.78 -0.09	36.18 2.99 0.00	38.13 2.99 0.00	39.41 3.48 6.17	52.71 4.29 0.45	35.92 4.25 16.65	35.93 4.08 11.19	35.92 2.71 -5.25	35.84 3.68 7.20	36.12 3.56 11.80	71.83 3.05 -28.76	38.24 2.09 -3.24	37.22 2.07 -5.36	36.08 2.63 -1.95
NORTHPORT____IC 23718	28.39 1.94 0.00	27.01 1.91 0.00	24.60 1.85 0.00	23.25 1.63 0.00	21.36 1.53 0.00	22.12 1.51 0.00	25.34 1.62 0.00	26.68 1.55 -3.59	28.86 1.62 -4.06	21.89 1.78 6.50	33.77 2.84 -0.09	36.30 3.11 0.00	38.34 3.20 0.01	39.69 3.77 6.18	53.13 4.71 0.45	36.23 4.57 16.66	36.20 4.36 11.19	36.10 2.89 -5.25	36.11 3.96 7.21	36.42 3.86 11.80	72.18 3.41 -28.76	38.40 2.22 -3.27	37.32 2.16 -5.37	36.18 2.73 -1.95

NORTH____COUNTRY_ESR 323785	27.15 0.70 0.00	25.58 0.48 0.00	23.06 0.32 0.00	21.85 0.23 0.00	20.00 0.18 0.00	20.79 0.17 0.00	23.94 0.22 0.00	21.66 0.13 0.00	23.35 0.17 0.00	26.81 0.19 0.00	29.14 -0.65 1.04	19.74 -0.61 12.85	23.19 -0.95 11.00	25.60 -1.66 14.84	27.53 -2.73 18.61	-1.97 -2.37 47.93	27.08 -1.46 14.49	5.78 -1.27 20.91	27.60 -0.82 10.94	37.81 -1.52 5.04	38.87 -1.14 0.00	32.74 -0.17 0.00	29.74 -0.05 0.00	31.58 0.07 0.00
NPX_GEN_1385_PROXY 323591	27.62 1.17 0.00	26.49 1.18 -0.21	24.19 1.45 0.00	22.90 1.28 0.00	21.16 1.33 0.00	21.90 1.28 0.00	24.96 1.24 0.00	26.37 1.25 -3.59	28.73 1.49 -4.06	26.50 1.23 1.34	33.02 2.10 -0.09	35.84 2.64 0.00	38.41 3.27 0.00	44.78 3.96 1.28	54.78 5.42 -0.49	49.62 4.70 3.41	53.82 4.32 -6.47	79.42 2.87 -48.59	94.57 3.94 -51.26	53.50 3.82 -5.31	76.64 3.93 -32.70	47.17 1.72 -12.54	37.74 1.34 -6.62	35.56 2.11 -1.95
NPX_GEN_CSC 323557	28.61 2.16 0.00	27.39 2.08 -0.21	24.70 1.96 0.00	23.34 1.72 0.00	21.42 1.59 0.00	22.20 1.58 0.00	25.46 1.74 0.00	26.81 1.68 -3.59	29.06 1.82 -4.06	28.61 2.00 0.00	34.09 3.17 -0.09	36.70 3.50 0.00	38.73 3.58 0.00	46.54 4.44 0.00	55.15 5.48 -0.80	53.68 5.30 -0.05	59.14 5.04 -11.07	91.16 3.33 -59.88	110.73 4.59 -66.78	60.96 4.54 -12.06	78.06 4.02 -34.03	50.77 2.72 -15.14	39.41 2.58 -7.04	36.57 3.11 -1.95
NSINS_S_GLNS_FALLS 23858	28.29 1.83 0.00	26.95 1.86 0.00	24.50 1.76 0.00	23.27 1.65 0.00	21.36 1.53 0.00	22.22 1.60 0.00	25.67 1.95 0.00	24.12 1.78 -0.80	25.99 1.90 -0.91	28.84 2.23 0.00	33.32 2.49 0.00	36.01 2.82 0.00	38.30 3.16 0.00	45.98 3.88 0.00	53.38 4.51 0.00	53.17 4.85 0.00	82.34 4.72 -34.58	137.87 3.09 -106.82	63.25 4.30 -19.59	48.84 4.47 0.00	44.08 3.87 -0.20	38.61 2.69 -3.01	33.58 2.28 -1.51	34.14 2.29 -0.34
NUCOR_STEEL____DRP 24197	27.02 0.56 0.00	25.18 0.09 0.00	22.80 0.06 0.00	21.72 0.10 0.00	19.81 -0.01 0.00	20.75 0.13 0.00	23.89 0.17 0.00	21.65 0.11 0.00	23.30 0.12 0.00	26.72 0.11 0.00	30.98 0.15 0.00	33.55 0.36 0.00	36.46 1.32 0.00	42.79 0.69 0.00	49.25 0.38 0.00	48.63 0.30 0.00	44.34 0.23 -1.07	31.47 0.19 -3.32	40.27 0.30 -0.61	44.86 0.50 0.00	40.52 0.51 0.00	33.14 0.23 0.00	30.06 0.27 0.00	31.77 0.26 0.00
NUMBER_THREE_WT_PWR 323818	26.64 0.19 0.00	25.20 0.10 0.00	22.77 0.02 0.00	21.47 -0.15 0.00	19.74 -0.08 0.00	20.33 -0.29 0.00	23.55 -0.17 0.00	21.29 -0.24 0.00	22.69 -0.50 0.00	25.59 -1.02 4.57	24.68 -1.57 56.36	-25.00 -1.83 48.23	-14.82 -1.73 65.09	-25.00 -2.01 25.12	22.17 -1.57 71.71	-25.00 -1.61 66.19	-25.00 -1.84 51.72	-25.00 -1.24 47.98	-10.83 -2.21 22.10	20.46 -1.81 0.00	39.37 -0.64 0.00	32.91 0.00 0.00	30.09 0.31 0.00	31.83 0.32 0.00
NYISO_LBMP_REFERENCE 24008	26.45 0.00 0.00	25.10 0.00 0.00	22.74 0.00 0.00	21.62 0.00 0.00	19.83 0.00 0.00	20.62 0.00 0.00	23.72 0.00 0.00	21.53 0.00 0.00	23.19 0.00 0.00	26.62 0.00 0.00	30.83 0.00 0.00	33.19 0.00 0.00	35.14 0.00 0.00	42.09 0.00 0.00	48.87 0.00 0.00	48.33 0.00 0.00	43.03 0.00 0.00	27.96 0.00 0.00	39.36 0.00 0.00	44.36 0.00 0.00	40.01 0.00 0.00	32.91 0.00 0.00	29.79 0.00 0.00	31.51 0.00 0.00
NYPA_BRENTWD____GT 24164	28.91 2.45 0.00	27.46 2.36 0.00	24.97 2.23 0.00	23.60 1.98 0.00	21.66 1.83 0.00	22.44 1.83 0.00	25.76 2.04 0.00	27.07 1.95 -3.59	29.33 2.09 -4.06	28.97 2.36 0.00	34.32 3.40 -0.09	36.92 3.73 0.00	38.96 3.82 0.00	46.46 4.36 0.00	54.82 5.48 -0.47	53.59 5.26 0.00	59.05 4.97 -11.05	91.13 3.30 -59.88	109.17 4.53 -65.28	57.58 4.46 -8.75	76.38 3.92 -32.45	50.77 2.72 -15.14	39.71 2.77 -7.15	36.85 3.40 -1.95
NYPA_GOWANUS____GT5 24156	28.44 1.98 0.00	26.97 1.87 0.00	24.48 1.74 0.00	23.20 1.58 0.00	21.29 1.46 0.00	22.07 1.45 0.00	25.44 1.72 0.00	26.87 1.71 -3.62	29.16 1.88 -4.09	66.17 2.31 -37.25	34.66 2.96 -0.87	36.42 3.24 0.00	38.57 3.43 0.00	46.07 3.97 0.00	53.56 4.68 -0.01	52.98 4.65 -0.01	58.24 4.40 -10.80	64.16 2.84 -33.36	49.33 3.85 -6.13	48.37 4.00 -0.01	44.29 3.42 -0.85	48.01 2.60 -12.50	38.46 2.40 -6.28	35.48 2.54 -1.43
NYPA_GOWANUS____GT6 24157	28.44 1.98 0.00	26.97 1.87 0.00	24.48 1.74 0.00	23.20 1.58 0.00	21.29 1.46 0.00	22.07 1.45 0.00	25.44 1.72 0.00	26.87 1.71 -3.62	29.16 1.88 -4.09	66.17 2.31 -37.25	34.66 2.96 -0.87	36.42 3.24 0.00	38.57 3.43 0.00	46.07 3.97 0.00	53.56 4.68 -0.01	52.98 4.65 -0.01	58.24 4.40 -10.80	64.16 2.84 -33.36	49.33 3.85 -6.13	48.37 4.00 -0.01	44.29 3.42 -0.85	48.01 2.60 -12.50	38.46 2.40 -6.28	35.48 2.54 -1.43
NYPA_HARLEM_RVR_GT1 24160	28.34 1.89 0.00	26.90 1.80 0.00	24.41 1.67 0.00	23.16 1.54 0.00	21.24 1.41 0.00	22.00 1.39 0.00	25.36 1.64 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.81 2.19 0.00	33.61 2.78 0.00	36.24 3.06 0.00	38.30 3.16 0.00	45.68 3.58 0.00	53.21 4.35 0.00	52.66 4.34 0.00	57.96 4.14 -10.79	64.00 2.69 -33.35	49.14 3.66 -6.11	48.18 3.82 0.01	44.09 3.24 -0.84	47.80 2.41 -12.48	38.33 2.26 -6.28	35.32 2.39 -1.43
NYPA_HARLEM_RVR_GT2 24161	28.34 1.89 0.00	26.90 1.80 0.00	24.41 1.67 0.00	23.16 1.54 0.00	21.24 1.41 0.00	22.00 1.39 0.00	25.36 1.64 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.81 2.19 0.00	33.61 2.78 0.00	36.24 3.06 0.00	38.30 3.16 0.00	45.68 3.58 0.00	53.21 4.35 0.00	52.66 4.34 0.00	57.96 4.14 -10.79	64.00 2.69 -33.35	49.14 3.66 -6.11	48.18 3.82 0.01	44.09 3.24 -0.84	47.80 2.41 -12.48	38.33 2.26 -6.28	35.32 2.39 -1.43
NYPA_KENT____GT 24152	28.40 1.95 0.00	26.96 1.86 0.00	24.46 1.72 0.00	23.20 1.58 0.00	21.29 1.46 0.00	22.05 1.43 0.00	25.42 1.70 0.00	26.85 1.70 -3.62	29.13 1.85 -4.09	67.13 2.28 -38.23	34.24 2.91 -0.50	36.36 3.17 0.00	38.50 3.36 0.00	45.97 3.87 0.00	53.44 4.57 0.00	52.90 4.57 0.00	58.15 4.32 -10.80	64.10 2.78 -33.36	49.25 3.77 -6.12	48.27 3.90 -0.01	44.18 3.33 -0.85	47.92 2.52 -12.49	38.40 2.33 -6.28	35.43 2.50 -1.43
NYPA_POUCH1____GT 24155	28.38 1.93 0.00	26.91 1.81 0.00	24.41 1.67 0.00	23.15 1.53 0.00	21.23 1.41 0.00	22.01 1.39 0.00	25.38 1.66 0.00	26.79 1.65 -3.61	27.73 1.81 -2.73	61.42 2.20 -32.61	34.07 2.84 -0.39	34.88 3.11 1.41	36.15 3.30 2.28	36.28 3.80 9.62	49.10 4.49 4.26	52.82 4.49 0.00	58.07 4.25 -10.79	64.06 2.74 -33.36	49.17 3.70 -6.11	48.20 3.84 0.01	42.24 3.29 1.06	39.61 2.47 -4.23	36.47 2.31 -4.38	35.43 2.50 -1.43
NYPA_VERNON____GT2 24162	28.35 1.90 0.00	26.92 1.82 0.00	24.43 1.69 0.00	23.17 1.56 0.00	21.27 1.44 0.00	22.03 1.41 0.00	25.39 1.67 0.00	26.82 1.67 -3.62	29.09 1.82 -4.09	38.89 2.24 -10.04	33.82 2.85 -0.13	36.32 3.13 0.00	38.44 3.30 0.00	45.91 3.81 0.00	53.36 4.49 0.00	52.83 4.51 0.00	58.10 4.27 -10.79	64.07 2.75 -33.36	49.20 3.72 -6.12	48.19 3.83 0.00	44.10 3.24 -0.85	47.83 2.44 -12.49	38.32 2.25 -6.28	35.35 2.41 -1.43

NYPY_VERNON____GT3 24163	28.35 1.90 0.00	26.92 1.82 0.00	24.43 1.69 0.00	23.17 1.56 0.00	21.27 1.44 0.00	22.03 1.41 0.00	25.39 1.67 0.00	26.82 1.67 -3.62	29.09 1.82 -4.09	38.89 2.24 -10.04	33.82 2.85 -0.13	36.32 3.13 0.00	38.44 3.30 0.00	45.91 3.81 0.00	53.36 4.49 0.00	52.83 4.51 0.00	58.10 4.27 -10.79	64.07 2.75 -33.36	49.20 3.72 -6.12	48.19 3.83 0.00	44.10 3.24 -0.85	47.83 2.44 -12.49	38.32 2.25 -6.28	35.35 2.41 -1.43
NYPY____ASTORIA_CC1 323568	28.30 1.84 0.00	26.87 1.78 0.00	24.38 1.64 0.00	23.13 1.51 0.00	21.23 1.40 0.00	22.00 1.38 0.00	25.35 1.63 0.00	26.79 1.63 -3.62	29.05 1.77 -4.09	28.81 2.19 0.00	33.63 2.79 0.00	36.25 3.07 0.00	38.37 3.23 0.00	45.81 3.71 0.00	53.23 4.36 0.00	52.70 4.38 0.00	57.98 4.15 -10.79	64.00 2.69 -33.35	49.10 3.63 -6.11	48.10 3.74 0.01	44.01 3.17 -0.84	47.77 2.38 -12.48	38.26 2.20 -6.28	35.28 2.35 -1.43
NYPY____ASTORIA_CC2 323569	28.30 1.84 0.00	26.87 1.78 0.00	24.38 1.64 0.00	23.13 1.51 0.00	21.23 1.40 0.00	22.00 1.38 0.00	25.35 1.63 0.00	26.79 1.63 -3.62	29.05 1.77 -4.09	28.81 2.19 0.00	33.63 2.79 0.00	36.25 3.07 0.00	38.37 3.23 0.00	45.81 3.71 0.00	53.23 4.36 0.00	52.70 4.38 0.00	57.98 4.15 -10.79	64.00 2.69 -33.35	49.10 3.63 -6.11	48.10 3.74 0.01	44.01 3.17 -0.84	47.77 2.38 -12.48	38.26 2.20 -6.28	35.28 2.35 -1.43
NYPY____HOLTSVILL 23794	28.70 2.25 0.00	27.28 2.18 0.00	24.81 2.07 0.00	23.45 1.83 0.00	21.52 1.70 0.00	22.30 1.68 0.00	25.57 1.85 0.00	26.87 1.75 -3.59	29.11 1.86 -4.06	28.70 2.09 0.00	34.12 3.20 -0.09	36.69 3.50 0.00	38.79 3.65 0.00	46.40 4.30 0.00	55.84 5.27 -1.70	53.65 5.13 -0.19	59.05 4.89 -11.13	91.07 3.23 -59.88	114.60 4.43 -70.82	62.19 4.40 -13.43	82.20 3.87 -38.32	50.32 2.63 -14.78	39.37 2.55 -7.03	36.57 3.12 -1.95
NYPY____HELLGATE_GT1 24158	28.34 1.89 0.00	26.90 1.80 0.00	24.41 1.67 0.00	23.16 1.54 0.00	21.24 1.41 0.00	22.00 1.39 0.00	25.36 1.64 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.81 2.19 0.00	33.61 2.78 0.00	36.24 3.06 0.00	38.29 3.15 0.00	45.68 3.58 0.00	53.21 4.35 0.00	52.66 4.34 0.00	57.96 4.13 -10.79	64.00 2.69 -33.35	49.14 3.66 -6.11	48.18 3.82 0.01	44.09 3.24 -0.84	47.80 2.41 -12.48	38.33 2.26 -6.28	35.32 2.39 -1.43
NYPY____HELLGATE_GT2 24159	28.34 1.89 0.00	26.90 1.80 0.00	24.41 1.67 0.00	23.16 1.54 0.00	21.24 1.41 0.00	22.00 1.39 0.00	25.36 1.64 0.00	26.77 1.62 -3.62	29.06 1.78 -4.09	28.81 2.19 0.00	33.61 2.78 0.00	36.24 3.06 0.00	38.29 3.15 0.00	45.68 3.58 0.00	53.21 4.35 0.00	52.66 4.34 0.00	57.96 4.13 -10.79	64.00 2.69 -33.35	49.14 3.66 -6.11	48.18 3.82 0.01	44.09 3.24 -0.84	47.80 2.41 -12.48	38.33 2.26 -6.28	35.32 2.39 -1.43
NYS_BARGE____HYD 23848	26.58 0.12 0.00	25.01 -0.08 0.00	22.06 -0.68 0.00	20.93 -0.69 0.00	19.04 -0.79 0.00	20.10 -0.52 0.00	23.07 -0.50 0.15	20.95 -0.58 0.00	22.92 -0.27 0.00	26.21 -0.40 0.00	30.24 -0.59 0.00	31.02 -1.14 1.03	24.86 -1.17 9.10	34.22 -1.92 5.96	41.84 -2.18 4.85	41.80 -2.32 4.21	41.41 -2.20 -0.58	31.38 -1.25 -4.67	38.27 -1.94 -0.86	41.91 -2.45 0.00	38.33 -1.68 0.00	31.97 -0.94 0.00	29.21 -0.58 0.00	31.28 -0.22 0.00
OAK ORCHARD____HYD 24046	26.75 0.29 0.00	25.22 0.12 0.00	22.48 -0.26 0.00	21.34 -0.28 0.00	19.50 -0.33 0.00	20.47 -0.15 0.00	23.63 -0.09 0.00	21.45 -0.09 0.00	23.34 0.15 0.00	26.78 0.16 0.00	30.99 0.16 0.00	33.09 -0.10 0.00	34.97 -0.18 0.00	41.51 -0.59 0.00	48.21 -0.66 0.00	47.62 -0.71 0.00	43.72 -0.50 -1.18	31.39 -0.23 -3.66	39.58 -0.45 -0.67	43.64 -0.73 0.00	39.61 -0.40 0.00	32.79 -0.12 0.00	29.75 -0.04 0.00	31.62 0.12 0.00
OAKDALE__35_KV_LOAD 356122	26.87 0.41 0.00	25.48 0.38 0.00	22.92 0.18 0.00	21.77 0.14 0.00	19.96 0.14 0.00	20.84 0.22 0.00	24.06 0.34 0.00	21.86 0.32 0.00	23.55 0.36 0.00	27.07 0.46 0.00	31.38 0.55 0.00	33.75 0.56 0.00	35.68 0.54 0.00	42.74 0.64 0.00	49.67 0.81 0.00	49.19 0.87 0.00	47.45 0.71 -3.70	39.92 0.52 -11.44	42.13 0.67 -2.10	44.89 0.53 0.00	40.55 0.54 0.00	33.33 0.43 0.00	30.18 0.39 0.00	31.95 0.44 0.00
OCC_CHEM____DRP 24175	26.08 -0.37 0.00	24.55 -0.54 0.00	21.66 -1.08 0.00	20.57 -1.05 0.00	18.71 -1.12 0.00	19.73 -0.88 0.00	22.62 -0.94 0.16	20.56 -0.97 0.00	22.54 -0.65 0.00	25.75 -0.86 0.00	29.69 -1.14 0.00	30.16 -1.91 1.12	23.16 -2.06 9.92	32.57 -3.05 6.48	40.04 -3.56 5.27	40.09 -3.65 4.58	40.32 -3.27 -0.55	30.84 -1.94 -4.82	37.33 -2.91 -0.88	40.81 -3.55 0.00	37.35 -2.66 0.00	31.18 -1.73 0.00	28.63 -1.16 0.00	30.70 -0.80 0.00
OH_GEN_PROXY 24063	26.21 -0.24 0.00	24.89 -0.41 -0.21	21.80 -0.94 0.00	20.69 -0.93 0.00	18.84 -0.98 0.00	19.87 -0.75 0.00	22.79 -0.79 0.14	20.74 -0.80 0.00	22.68 -0.51 0.00	25.93 -0.68 0.00	29.90 -0.93 0.00	30.70 -1.53 0.95	24.86 -1.79 8.49	33.97 -2.58 5.55	41.47 -2.88 4.51	41.40 -3.00 3.92	41.08 -2.63 -0.68	31.18 -1.54 -4.76	37.88 -2.35 -0.87	41.44 -2.93 0.00	37.87 -2.14 0.00	31.89 -1.36 -0.34	28.82 -0.97 0.00	30.84 -0.66 0.00
OLIN_CORP_DRP 24177	26.18 -0.27 0.00	24.65 -0.45 0.00	21.73 -1.01 0.00	20.63 -0.99 0.00	18.78 -1.05 0.00	19.81 -0.82 0.00	22.70 -0.86 0.16	20.60 -0.93 0.00	25.72 -0.68 0.00	29.67 -0.89 0.00	30.29 -1.16 0.00	23.28 -1.76 1.13	32.87 -1.85 10.00	40.48 -2.67 6.55	40.53 -3.06 5.33	40.60 -3.16 4.63	31.03 -2.99 -0.55	37.55 -1.80 -4.87	37.55 -2.70 -0.89	41.08 -3.28 0.00	37.59 -2.42 0.00	31.36 -1.55 0.00	28.68 -1.11 0.00	30.78 -0.72 0.00
OLIN_CORP_DSASP 323712	26.08 -0.37 0.00	24.55 -0.54 0.00	21.66 -1.08 0.00	20.56 -1.06 0.00	18.71 -1.12 0.00	19.74 -0.88 0.00	22.62 -0.94 0.16	20.57 -0.97 0.00	22.54 -0.64 0.00	25.76 -0.85 0.00	29.70 -1.14 0.00	30.17 -1.90 1.12	23.25 -1.97 9.92	32.55 -3.06 6.48	40.03 -3.56 5.27	40.07 -3.68 4.58	40.33 -3.25 -0.55	30.86 -1.91 -4.82	37.34 -2.91 -0.88	40.81 -3.56 0.00	37.36 -2.65 0.00	31.19 -1.72 0.00	28.64 -1.15 0.00	30.71 -0.80 0.00
ONEIDA_HERK_LFGE 323681	26.93 0.48 0.00	25.51 0.42 0.00	23.08 0.34 0.00	21.87 0.25 0.00	20.09 0.26 0.00	20.87 0.26 0.00	24.10 0.38 0.00	21.87 0.34 0.00	23.52 0.34 0.00	26.84 0.22 0.00	32.47 0.16 -1.48	51.69 0.21 -18.29	51.21 0.42 -15.65	63.80 0.58 -21.12	58.15 0.90 -8.38	72.97 0.81 -23.84	65.27 0.60 -21.64	45.87 0.33 -17.57	55.21 0.28 -15.57	52.06 0.53 -7.17	40.75 0.74 0.00	33.61 0.70 0.00	30.45 0.66 0.00	32.16 0.65 0.00
ONEIDA__115KV_TB4 55905	27.10 0.65 0.00	25.65 0.56 0.00	23.19 0.45 0.00	22.01 0.39 0.00	20.21 0.38 0.00	21.07 0.45 0.00	24.30 0.58 0.00	22.08 0.55 0.00	23.79 0.60 0.00	27.23 0.61 0.00	32.01 0.69 -0.48	39.95 0.79 -5.97	41.31 1.08 -5.10	50.29 1.30 -6.89	53.20 1.60 -2.74	57.71 1.61 -7.78	51.54 1.43 -7.08	34.65 0.89 -5.80	45.52 1.08 -5.08	48.04 1.34 -2.34	41.27 1.26 0.00	33.91 1.01 0.00	30.64 0.85 0.00	32.33 0.83 0.00

ONONDAGA_REF_OCCRA 23987	26.53 0.07 0.00	25.06 -0.04 0.00	22.63 -0.11 0.00	21.53 -0.09 0.00	19.75 -0.08 0.00	20.59 -0.02 0.00	23.71 -0.02 0.00	21.56 0.03 0.00	23.21 0.02 0.00	26.61 -0.01 0.00	30.86 0.03 0.00	33.28 0.09 0.00	35.46 0.32 0.00	42.32 0.22 0.00	49.09 0.22 0.00	48.46 0.14 0.00	44.10 0.04 -1.03	31.20 0.08 -3.17	40.01 0.07 -0.58	44.37 0.01 0.00	40.05 0.04 0.00	32.92 0.01 0.00	29.78 -0.01 0.00	31.47 -0.03 0.00
ONONDAGA___COGEN 23986	26.53 0.08 0.00	24.90 -0.20 0.00	22.53 -0.21 0.00	21.44 -0.18 0.00	19.66 -0.17 0.00	20.50 -0.12 0.00	23.58 -0.14 0.00	21.44 -0.09 0.00	23.08 -0.10 0.00	26.46 -0.15 0.00	30.69 -0.14 0.00	33.20 0.02 0.00	35.84 0.70 0.00	42.32 0.23 0.00	48.87 0.00 0.00	48.13 -0.19 0.00	42.80 -0.24 0.00	27.86 -0.10 0.00	39.20 -0.16 0.00	44.15 -0.21 0.00	39.84 -0.17 0.00	32.74 -0.17 0.00	29.63 -0.16 0.00	31.32 -0.19 0.00
ONTARIO___LFGE 23819	26.99 0.54 0.00	25.41 0.32 0.00	22.75 0.01 0.00	21.57 -0.04 0.00	19.75 -0.08 0.00	20.69 0.08 0.00	24.03 0.21 -0.10	21.74 0.20 0.00	23.48 0.30 0.00	26.91 0.29 0.00	31.12 0.29 0.00	34.30 0.35 -0.76	42.51 0.66 -6.71	46.83 0.47 -4.26	52.81 0.53 -3.42	51.43 0.14 -2.98	45.28 0.18 -2.07	32.64 0.30 -4.38	40.69 0.53 -0.80	44.79 0.42 0.00	40.56 0.55 0.00	33.38 0.47 0.00	30.26 0.47 0.00	31.94 0.44 0.00
ORANGEVILLE_WT_PWR 323706	26.73 0.28 0.00	25.21 0.11 0.00	22.28 -0.46 0.00	20.99 -0.63 0.00	18.98 -0.85 0.00	19.94 -0.68 0.00	22.35 -0.70 0.67	20.83 -0.70 0.00	22.68 -0.51 0.00	26.01 -0.61 0.00	30.04 -0.79 0.00	27.19 -1.27 4.74	-8.50 -1.53 42.10	12.53 -2.14 27.43	24.31 -2.31 22.24	26.59 -2.40 19.34	38.66 -2.06 2.32	32.93 -0.99 -5.97	39.18 -1.27 -1.09	42.88 -1.48 0.00	39.26 -0.75 0.00	32.60 -0.31 0.00	29.65 -0.14 0.00	31.63 0.12 0.00
ORANGEVILLE___ESR 323794	26.73 0.28 0.00	25.21 0.11 0.00	22.28 -0.46 0.00	20.99 -0.63 0.00	18.98 -0.85 0.00	19.94 -0.68 0.00	22.35 -0.70 0.67	20.83 -0.70 0.00	22.68 -0.51 0.00	26.01 -0.61 0.00	30.04 -0.79 0.00	27.19 -1.27 4.74	-8.50 -1.53 42.10	12.53 -2.14 27.43	24.31 -2.31 22.24	26.59 -2.40 19.34	38.66 -2.06 2.32	32.93 -0.99 -5.97	39.18 -1.27 -1.09	42.88 -1.48 0.00	39.26 -0.75 0.00	32.60 -0.31 0.00	29.65 -0.14 0.00	31.63 0.12 0.00
OSWEGATCHIE___HYD 24044	26.22 -0.24 0.00	24.77 -0.33 0.00	22.39 -0.35 0.00	21.18 -0.44 0.00	19.44 -0.38 0.00	20.10 -0.52 0.00	23.23 -0.49 0.00	21.02 -0.51 0.00	22.52 -0.66 0.00	25.57 -1.04 0.00	26.57 -1.58 2.69	-1.71 -1.80 33.10	5.05 -1.76 28.33	1.83 -2.04 38.23	33.14 -1.93 13.80	6.53 -2.02 39.78	2.30 -2.12 38.61	-1.99 -1.43 28.51	9.08 -2.11 28.18	29.44 -1.95 12.98	38.91 -1.10 0.00	32.40 -0.51 0.00	29.49 -0.30 0.00	31.15 -0.36 0.00
OSWEGO___5 23606	25.77 -0.68 0.00	24.47 -0.63 0.00	22.15 -0.59 0.00	21.09 -0.53 0.00	19.35 -0.48 0.00	20.14 -0.48 0.00	23.15 -0.57 0.00	21.05 -0.48 0.00	22.66 -0.52 0.00	25.97 -0.64 0.00	30.09 -0.75 0.00	32.36 -0.83 0.00	34.19 -0.95 0.00	41.01 -1.09 0.00	47.72 -1.14 0.00	47.12 -1.20 0.00	41.94 -1.10 0.00	27.29 -0.67 0.00	38.37 -0.99 0.00	43.22 -1.14 0.00	39.03 -0.98 0.00	32.11 -0.80 0.00	29.09 -0.70 0.00	30.77 -0.74 0.00
OSWEGO___6 23613	25.77 -0.68 0.00	24.47 -0.63 0.00	22.15 -0.59 0.00	21.09 -0.53 0.00	19.35 -0.48 0.00	20.14 -0.48 0.00	23.15 -0.57 0.00	21.05 -0.48 0.00	22.66 -0.52 0.00	25.97 -0.64 0.00	30.09 -0.75 0.00	32.36 -0.83 0.00	34.19 -0.95 0.00	41.01 -1.09 0.00	47.72 -1.14 0.00	47.12 -1.20 0.00	41.94 -1.10 0.00	27.29 -0.67 0.00	38.37 -0.99 0.00	43.22 -1.14 0.00	39.03 -0.98 0.00	32.11 -0.80 0.00	29.09 -0.70 0.00	30.77 -0.74 0.00
OUTOKUMPU-AB___DRP 24206	26.77 0.32 0.00	25.18 0.08 0.00	22.21 -0.53 0.00	21.07 -0.55 0.00	19.17 -0.66 0.00	20.23 -0.39 0.00	23.21 -0.34 0.17	21.13 -0.40 0.00	23.14 -0.04 0.00	26.49 -0.12 0.00	30.57 -0.26 0.00	31.06 -0.94 1.19	23.45 -1.12 10.57	33.42 -1.77 6.91	41.26 -2.00 5.61	41.30 -2.14 4.88	41.62 -1.94 -0.52	31.82 -1.07 -4.93	38.58 -1.68 -0.90	42.19 -2.18 0.00	38.56 -1.45 0.00	32.16 -0.75 0.00	29.47 -0.31 0.00	31.51 0.00 0.00
OXBOW___ 24026	26.48 0.03 0.00	24.92 -0.18 0.00	22.00 -0.74 0.00	20.87 -0.75 0.00	18.99 -0.83 0.00	20.04 -0.58 0.00	22.99 -0.57 0.16	20.93 -0.61 0.00	22.92 -0.26 0.00	26.23 -0.39 0.00	30.25 -0.58 0.00	30.76 -1.28 1.15	23.52 -1.37 10.25	33.15 -2.24 6.70	40.86 -2.57 5.44	40.88 -2.72 4.73	41.15 -2.42 -0.53	31.46 -1.37 -4.87	38.11 -2.14 -0.89	41.65 -2.72 0.00	38.10 -1.91 0.00	31.80 -1.11 0.00	29.16 -0.63 0.00	31.22 -0.29 0.00
OXY_CHEM_DSASP 323612	26.08 -0.37 0.00	24.55 -0.54 0.00	21.66 -1.08 0.00	20.57 -1.05 0.00	18.71 -1.12 0.00	19.73 -0.88 0.00	22.62 -0.94 0.16	20.56 -0.97 0.00	22.54 -0.65 0.00	25.75 -0.86 0.00	29.69 -1.14 0.00	30.16 -1.91 1.12	23.16 -2.06 9.92	32.57 -3.05 6.48	40.04 -3.56 5.27	40.09 -3.65 4.58	40.32 -3.27 -0.55	30.84 -1.94 -4.82	37.33 -2.91 -0.88	40.81 -3.55 0.00	37.35 -2.66 0.00	31.18 -1.73 0.00	28.63 -1.16 0.00	30.70 -0.80 0.00
OZONE_PARK_ESR 323760	28.77 2.31 0.00	27.27 2.17 0.00	24.72 1.98 0.00	23.44 1.82 0.00	21.51 1.68 0.00	22.28 1.67 0.00	25.70 1.98 0.00	27.12 1.97 -3.62	29.45 2.17 -4.09	29.30 2.68 0.00	34.18 3.35 0.00	36.89 3.70 0.00	39.08 3.95 0.00	46.72 4.62 0.00	54.33 5.47 0.00	53.84 5.52 0.00	58.98 5.15 -10.80	64.68 3.36 -33.36	50.05 4.57 -6.12	49.11 4.75 0.00	44.89 4.03 -0.85	48.46 3.06 -12.49	38.85 2.79 -6.28	35.92 2.99 -1.43
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.08 -0.37 0.00	24.55 -0.54 0.00	21.66 -1.08 0.00	20.57 -1.05 0.00	18.71 -1.12 0.00	19.73 -0.88 0.00	22.62 -0.94 0.16	20.56 -0.97 0.00	22.54 -0.65 0.00	25.75 -0.86 0.00	29.69 -1.14 0.00	30.16 -1.91 1.12	23.16 -2.06 9.92	32.57 -3.05 6.48	40.04 -3.56 5.27	40.09 -3.65 4.58	40.32 -3.27 -0.55	30.84 -1.94 -4.82	37.33 -2.91 -0.88	40.81 -3.55 0.00	37.35 -2.66 0.00	31.18 -1.73 0.00	28.63 -1.16 0.00	30.70 -0.80 0.00
PACKARD___115KV_DUPONT_184 80571	26.08 -0.37 0.00	24.55 -0.54 0.00	21.66 -1.08 0.00	20.57 -1.05 0.00	18.71 -1.12 0.00	19.73 -0.88 0.00	22.62 -0.94 0.16	20.56 -0.97 0.00	22.54 -0.65 0.00	25.75 -0.86 0.00	29.69 -1.14 0.00	30.16 -1.91 1.12	23.16 -2.06 9.92	32.57 -3.05 6.48	40.04 -3.56 5.27	40.09 -3.65 4.58	40.32 -3.27 -0.55	30.84 -1.94 -4.82	37.33 -2.91 -0.88	40.81 -3.55 0.00	37.35 -2.66 0.00	31.18 -1.73 0.00	28.63 -1.16 0.00	30.70 -0.80 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.29 1.83 0.00	26.85 1.76 0.00	24.38 1.64 0.00	23.13 1.52 0.00	21.21 1.38 0.00	21.98 1.36 0.00	25.34 1.62 0.00	26.74 1.58 -3.62	29.01 1.73 -4.09	28.75 2.13 0.00	33.55 2.72 0.00	36.21 3.02 0.00	38.29 3.16 0.00	45.69 3.60 0.00	53.22 4.35 0.00	52.66 4.35 0.00	57.96 4.13 -10.79	64.00 2.69 -33.35	49.12 3.65 -6.11	48.14 3.78 0.01	44.08 3.23 -0.84	47.80 2.41 -12.48	38.27 2.21 -6.28	35.27 2.34 -1.43

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.46 2.00 0.00	27.02 1.92 0.00	24.53 1.79 0.00	23.28 1.66 0.00	21.35 1.52 0.00	22.12 1.50 0.00	25.47 1.76 0.00	26.87 1.71 -3.62	29.13 1.85 -4.09	28.89 2.28 0.00	33.74 2.90 0.00	36.46 3.27 0.00	38.70 3.56 0.00	46.17 4.08 0.00	53.82 4.95 0.00	53.00 4.68 0.00	58.29 4.46 -10.79	64.22 2.90 -33.35	49.42 3.95 -6.11	48.52 4.16 0.01	44.43 3.58 -0.84	48.11 2.71 -12.48	38.54 2.48 -6.28	35.54 2.61 -1.43
PATROON__115KV_TB1 80586	27.14 0.69 0.00	25.82 0.72 0.00	23.50 0.76 0.00	22.37 0.75 0.00	20.52 0.69 0.00	21.30 0.68 0.00	24.42 0.70 0.00	22.96 0.58 -0.84	24.76 0.62 -0.96	27.44 0.83 0.00	31.78 0.95 0.00	34.20 1.02 0.00	36.27 1.13 0.00	43.60 1.50 0.00	50.68 1.81 0.00	50.11 1.79 0.00	71.41 1.80 -26.57	111.22 1.16 -82.10	55.97 1.55 -15.06	45.99 1.62 0.00	41.44 1.22 -0.21	36.86 0.84 -3.11	32.05 0.70 -1.56	32.63 0.77 -0.35
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.94 0.49 0.00	25.38 0.28 0.00	22.39 -0.35 0.00	21.23 -0.39 0.00	19.33 -0.50 0.00	20.37 -0.24 0.00	23.41 -0.14 0.18	21.37 -0.16 0.00	23.33 0.14 0.00	26.76 0.14 0.00	30.90 0.07 0.00	31.60 -0.35 1.24	23.64 -0.51 10.98	34.04 -0.88 7.18	42.13 -0.91 5.83	42.28 -0.98 5.07	42.69 -1.00 -0.65	32.92 -0.51 -5.47	39.51 -0.85 -1.00	43.09 -1.27 0.00	39.30 -0.71 0.00	32.65 -0.26 0.00	29.76 -0.03 0.00	31.76 0.25 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.37 1.91 0.00	26.93 1.83 0.00	24.42 1.68 0.00	23.17 1.55 0.00	21.24 1.42 0.00	22.02 1.40 0.00	25.40 1.68 0.00	24.59 1.67 -1.39	26.60 1.85 -1.57	28.93 2.31 0.00	33.75 2.92 0.00	36.47 3.28 0.00	38.72 3.58 0.00	46.30 4.20 0.00	53.82 4.96 0.00	53.36 5.03 0.00	58.77 4.71 -11.02	65.11 3.10 -34.05	49.84 4.24 -6.24	48.75 4.39 0.00	44.02 3.67 -0.34	40.68 2.77 -5.00	34.73 2.44 -2.51	34.61 2.53 -0.57
PEEKSKILL____ 23653	28.03 1.58 0.00	26.63 1.53 0.00	24.18 1.44 0.00	22.95 1.33 0.00	21.04 1.21 0.00	21.80 1.18 0.00	25.12 1.40 0.00	27.14 1.39 -4.21	29.45 1.51 -4.76	28.52 1.90 0.00	33.30 2.47 0.00	35.94 2.76 0.00	38.08 2.94 0.00	45.50 3.40 0.00	52.90 4.03 0.00	52.47 4.15 0.00	57.62 3.94 -10.65	63.43 2.56 -32.91	48.87 3.47 -6.04	47.89 3.53 0.00	50.05 2.96 -7.08	139.67 2.20 -104.56	84.32 1.98 -52.55	45.57 2.12 -11.94
PGE MADISON__WINDPWR 24146	28.61 2.16 0.00	26.96 1.86 0.00	24.32 1.58 0.00	23.06 1.44 0.00	21.16 1.33 0.00	22.15 1.53 0.00	25.66 1.91 -0.04	23.23 1.70 0.00	24.93 1.74 0.00	28.51 1.90 0.00	32.96 2.13 0.00	35.78 2.34 -0.25	39.79 2.43 -2.23	46.44 2.93 -1.41	53.68 3.69 -1.13	53.06 3.75 -0.98	51.59 4.05 -4.51	44.13 2.91 -13.26	45.90 4.11 -2.43	48.71 4.34 0.00	43.96 3.95 0.00	36.06 3.15 0.00	32.51 2.72 0.00	34.23 2.73 0.00
PIERCEFIELD__HYD 23852	26.00 -0.45 0.00	24.55 -0.55 0.00	22.20 -0.54 0.00	21.06 -0.56 0.00	19.32 -0.51 0.00	20.01 -0.60 0.00	23.03 -0.69 0.00	20.85 -0.68 0.00	22.44 -0.74 0.00	25.70 -0.92 0.00	27.73 -1.41 1.69	10.84 -1.51 20.84	15.74 -1.56 17.84	16.21 -1.82 24.07	39.12 -2.14 7.61	23.82 -2.11 22.39	17.01 -2.01 24.01	10.74 -1.38 15.84	19.82 -1.79 17.74	34.30 -1.90 8.17	38.62 -1.39 0.00	32.06 -0.85 0.00	29.06 -0.72 0.00	30.68 -0.83 0.00
PINELAWN_CC_1 323563	28.82 2.37 0.00	27.36 2.26 0.00	24.86 2.13 0.00	23.51 1.89 0.00	21.58 1.75 0.00	22.36 1.74 0.00	25.68 1.96 0.00	27.02 1.89 -3.59	29.26 2.02 -4.06	28.96 2.34 0.00	34.17 3.25 -0.09	36.58 3.39 0.00	38.58 3.44 0.00	46.00 3.90 0.00	54.29 4.95 -0.47	53.17 4.84 0.00	58.67 4.59 -11.05	90.88 3.05 -59.88	108.83 4.19 -65.28	57.23 4.12 -8.75	76.06 3.61 -32.45	52.33 2.62 -16.80	40.05 2.57 -7.69	36.71 3.26 -1.95
PJM_GEN_HTP_PROXY 323702	28.29 1.83 0.00	26.84 1.74 0.00	24.36 1.62 0.00	23.10 1.49 0.00	21.20 1.37 0.00	21.97 1.35 0.00	25.33 1.61 0.00	26.77 1.61 -3.62	29.04 1.77 -4.09	28.83 2.21 0.00	33.65 2.82 0.00	36.31 3.13 0.00	38.46 3.32 0.00	45.98 3.88 0.00	53.47 4.61 0.00	52.96 4.64 0.00	58.20 4.37 -10.80	64.14 2.83 -33.36	49.31 3.84 -6.12	48.28 3.92 0.00	44.13 3.27 -0.85	47.30 2.44 -11.95	38.29 2.22 -6.28	35.33 2.40 -1.43
PJM_GEN_KEystone 24065	27.15 0.70 0.00	25.76 0.66 0.00	23.14 0.40 0.00	21.95 0.34 0.00	20.12 0.29 0.00	20.98 0.36 0.00	24.22 0.53 0.04	16.84 0.54 5.23	17.83 0.65 6.00	21.59 0.85 5.87	32.16 1.10 -0.23	34.01 1.07 0.24	33.96 1.03 2.22	41.25 1.08 1.92	49.06 1.38 1.19	48.82 1.50 1.00	50.74 1.36 -6.35	49.17 0.92 -20.29	44.26 1.18 -3.72	45.29 0.92 0.00	40.28 0.85 0.58	25.06 0.66 8.51	26.61 0.68 3.86	25.57 0.86 6.79
PJM_GEN_NEPTUNE_PROXY 323594	28.40 1.95 0.00	26.96 1.86 0.00	24.51 1.77 0.00	23.20 1.58 0.00	21.30 1.47 0.00	22.06 1.44 0.00	25.34 1.63 0.00	26.70 1.57 -3.59	28.90 1.66 -4.06	28.56 1.94 0.00	33.81 2.89 -0.09	36.30 3.11 0.00	38.38 3.25 0.00	45.89 3.79 0.00	53.97 4.63 -0.47	52.91 4.58 0.00	58.45 4.36 -11.05	90.70 2.87 -59.88	108.54 3.90 -65.28	56.99 3.88 -8.75	75.78 3.32 -32.45	48.18 2.38 -12.89	38.66 2.28 -6.59	36.09 2.64 -1.95
PJM_GEN_VFT_PROXY 323633	28.18 1.72 0.00	26.74 1.64 0.00	24.27 1.52 0.00	23.01 1.40 0.00	21.13 1.30 0.00	21.88 1.26 0.00	25.20 1.48 0.00	26.52 1.50 -3.49	27.47 1.65 -2.63	28.69 2.08 0.00	33.49 2.66 0.00	36.17 2.99 0.00	37.42 3.12 0.83	38.45 3.62 7.26	52.62 4.29 0.54	52.70 4.38 0.00	57.97 4.14 -10.80	64.03 2.71 -33.36	49.15 3.68 -6.12	48.04 3.68 0.00	42.38 3.04 0.67	38.48 2.23 -3.33	36.53 2.04 -4.70	35.21 2.28 -1.43
PLATSBRG_115KV_PMLD1 355749	27.60 1.15 0.00	26.00 0.90 0.00	23.44 0.70 0.00	22.20 0.58 0.00	20.33 0.50 0.00	21.11 0.49 0.00	24.33 0.61 0.00	22.02 0.48 0.00	23.71 0.53 0.00	27.21 0.59 0.00	29.61 -0.23 0.98	21.01 -0.08 12.09	24.34 -0.45 10.35	26.98 -1.16 13.96	29.17 -2.22 17.48	1.37 -1.93 45.03	28.54 -0.91 13.59	7.53 -0.96 19.46	28.80 -0.27 10.29	38.70 -0.93 4.74	39.41 -0.60 0.00	33.27 0.36 0.00	30.19 0.40 0.00	32.08 0.57 0.00
PLEASANTVLY__LBMP 24000	27.83 1.38 0.00	26.45 1.35 0.00	24.03 1.29 0.00	22.82 1.20 0.00	20.92 1.09 0.00	21.67 1.06 0.00	24.97 1.25 0.00	24.43 1.22 -1.68	26.40 1.31 -1.90	28.26 1.65 0.00	32.94 2.11 0.00	35.55 2.36 0.00	37.67 2.53 0.00	45.05 2.95 0.00	52.31 3.44 0.00	51.84 3.52 0.00	57.79 3.34 -11.41	65.38 2.16 -35.26	48.74 2.92 -6.47	47.36 3.00 0.00	42.92 2.48 -0.43	41.07 1.84 -6.32	34.61 1.65 -3.18	33.99 1.76 -0.72
PLSNTVLE_13_KV_13.8KVDIST 80602	28.16 1.70 0.00	26.74 1.64 0.00	24.26 1.52 0.00	23.02 1.40 0.00	21.12 1.29 0.00	21.88 1.27 0.00	25.23 1.51 0.00	25.86 1.48 -2.84	28.02 1.62 -3.21	28.64 2.02 0.00	33.43 2.60 0.00	36.08 2.89 0.00	38.24 3.10 0.00	45.71 3.61 0.00	53.11 4.24 0.00	52.67 4.34 0.00	58.04 4.11 -10.90	64.29 2.67 -33.67	49.13 3.60 -6.17	48.07 3.71 0.00	43.79 3.11 -0.67	45.12 2.32 -9.90	36.85 2.09 -4.97	34.87 2.23 -1.13

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.16 1.70 0.00	26.74 1.64 0.00	24.26 1.52 0.00	23.02 1.40 0.00	21.12 1.29 0.00	21.88 1.27 0.00	25.23 1.51 0.00	25.86 1.48 -2.84	28.02 1.62 -3.21	28.64 2.02 0.00	33.43 2.60 0.00	36.08 2.89 0.00	38.24 3.10 0.00	45.71 3.61 0.00	53.11 4.24 0.00	52.67 4.34 0.00	58.04 4.11 -10.90	64.29 2.67 -33.67	49.13 3.60 -6.17	48.07 3.71 0.00	43.79 3.11 -0.67	45.12 2.32 -9.90	36.85 2.09 -4.97	34.87 2.23 -1.13
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.10 1.65 0.00	26.69 1.60 0.00	24.22 1.48 0.00	23.00 1.38 0.00	21.08 1.26 0.00	21.85 1.23 0.00	25.18 1.46 0.00	23.89 1.45 -0.91	25.80 1.59 -1.03	28.59 1.97 0.00	33.34 2.51 0.00	36.01 2.82 0.00	38.21 3.08 0.00	45.72 3.63 0.00	53.14 4.27 0.00	52.64 4.31 0.00	58.46 4.07 -11.36	65.73 2.68 -35.10	49.46 3.67 -6.44	48.15 3.78 0.00	43.38 3.15 -0.21	38.44 2.37 -3.16	33.43 2.06 -1.59	33.99 2.12 -0.36
POLETTI____ 23519	28.29 1.84 0.00	26.85 1.75 0.00	24.36 1.62 0.00	23.11 1.49 0.00	21.21 1.38 0.00	21.97 1.35 0.00	25.33 1.61 0.00	26.77 1.61 -3.62	29.05 1.77 -4.09	28.84 2.22 0.00	33.63 2.80 0.00	36.29 3.10 0.00	38.42 3.29 0.00	45.92 3.82 0.00	53.39 4.53 0.00	52.92 4.59 0.00	58.16 4.33 -10.80	64.13 2.82 -33.36	49.29 3.82 -6.12	48.24 3.88 0.00	44.10 3.24 -0.85	47.82 2.42 -12.49	38.28 2.21 -6.28	35.33 2.39 -1.43
POMONA____ESR 323819	27.95 1.50 0.00	26.57 1.47 0.00	24.12 1.38 0.00	22.89 1.27 0.00	20.99 1.16 0.00	21.74 1.12 0.00	25.05 1.33 0.00	17.97 1.32 4.89	19.08 1.42 5.52	28.43 1.82 0.00	33.23 2.39 0.00	35.87 2.69 0.00	38.02 2.88 0.00	45.42 3.32 0.00	52.83 3.97 0.00	52.44 4.11 0.00	57.23 3.90 -10.30	62.32 2.54 -31.82	48.64 3.44 -5.84	47.83 3.47 0.00	41.78 2.90 1.13	18.40 2.15 16.65	23.35 1.93 8.37	31.65 2.05 1.90
PORT_JEFF_3 23555	28.69 2.24 0.00	27.29 2.20 0.00	24.81 2.07 0.00	23.45 1.83 0.00	21.52 1.70 0.00	22.30 1.68 0.00	25.57 1.85 0.00	26.89 1.76 -3.59	29.14 1.90 -4.06	28.74 2.13 0.00	34.19 3.26 -0.09	36.76 3.57 0.00	38.86 3.72 0.00	46.39 4.29 0.00	56.03 5.15 -2.02	53.53 4.96 -0.24	58.97 4.79 -11.15	90.99 3.15 -59.89	115.96 4.33 -72.28	63.30 4.28 -14.65	83.67 3.80 -39.86	50.26 2.55 -14.80	39.36 2.54 -7.04	36.61 3.16 -1.95
PORT_JEFF_4 23616	28.69 2.24 0.00	27.29 2.20 0.00	24.81 2.07 0.00	23.45 1.83 0.00	21.52 1.70 0.00	22.30 1.68 0.00	25.57 1.85 0.00	26.89 1.76 -3.59	29.14 1.90 -4.06	28.74 2.13 0.00	34.19 3.26 -0.09	36.76 3.57 0.00	38.86 3.72 0.00	46.39 4.29 0.00	56.03 5.15 -2.02	53.53 4.96 -0.24	58.97 4.79 -11.15	90.99 3.15 -59.89	115.96 4.33 -72.28	63.30 4.28 -14.65	83.67 3.80 -39.86	50.26 2.55 -14.80	39.36 2.54 -7.04	36.61 3.16 -1.95
PORT_JEFF_IC 23713	28.77 2.32 0.00	27.36 2.26 0.00	24.87 2.13 0.00	23.50 1.88 0.00	21.56 1.74 0.00	22.35 1.73 0.00	25.63 1.91 0.00	26.94 1.81 -3.59	29.20 1.96 -4.06	28.82 2.21 0.00	34.28 3.36 -0.09	36.89 3.70 0.00	39.02 3.87 0.00	46.61 4.50 -0.01	57.29 5.30 -3.12	53.80 5.06 -0.42	59.20 4.95 -11.22	91.12 3.26 -59.89	121.12 4.49 -77.28	67.69 4.45 -18.88	89.20 4.02 -45.17	50.43 2.66 -14.86	39.51 2.67 -7.06	36.72 3.27 -1.95
PPL PILGRIM_ST_GT1 24216	28.91 2.45 0.00	27.46 2.36 0.00	24.97 2.23 0.00	23.60 1.98 0.00	21.66 1.83 0.00	22.44 1.83 0.00	25.76 2.04 0.00	27.07 1.95 -3.59	29.33 2.09 -4.06	28.97 2.36 0.00	34.32 3.40 -0.09	36.92 3.73 0.00	38.96 3.82 0.00	46.46 4.36 0.00	54.82 5.48 -0.47	53.59 5.26 0.00	59.05 4.97 -11.05	91.13 3.30 -59.88	109.17 4.53 -65.28	57.58 4.46 -8.75	76.38 3.92 -32.45	50.77 2.72 -15.14	39.71 2.77 -7.15	36.85 3.40 -1.95
PPL PILGRIM_ST_GT2 24217	28.91 2.45 0.00	27.46 2.36 0.00	24.97 2.23 0.00	23.60 1.98 0.00	21.66 1.83 0.00	22.44 1.83 0.00	25.76 2.04 0.00	27.07 1.95 -3.59	29.33 2.09 -4.06	28.97 2.36 0.00	34.32 3.40 -0.09	36.92 3.73 0.00	38.96 3.82 0.00	46.46 4.36 0.00	54.82 5.48 -0.47	53.59 5.26 0.00	59.05 4.97 -11.05	91.13 3.30 -59.88	109.17 4.53 -65.28	57.58 4.46 -8.75	76.38 3.92 -32.45	50.77 2.72 -15.14	39.71 2.77 -7.15	36.85 3.40 -1.95
PPL_SHRM_GT3 24213	28.62 2.17 0.00	27.18 2.09 0.00	24.71 1.97 0.00	23.35 1.73 0.00	21.42 1.60 0.00	22.20 1.58 0.00	25.46 1.74 0.00	26.80 1.68 -3.59	29.06 1.81 -4.06	28.60 1.99 0.00	34.09 3.17 -0.09	36.70 3.51 0.00	38.75 3.61 0.00	46.57 4.47 -0.01	56.64 5.54 -2.23	53.95 5.35 -0.28	59.28 5.08 -11.16	91.19 3.35 -59.89	117.22 4.62 -73.25	64.43 4.59 -15.48	84.95 4.04 -40.90	50.49 2.75 -14.83	39.43 2.60 -7.05	36.58 3.13 -1.95
PPL_SHRM_GT4 24214	28.62 2.17 0.00	27.18 2.09 0.00	24.71 1.97 0.00	23.35 1.73 0.00	21.42 1.60 0.00	22.20 1.58 0.00	25.46 1.74 0.00	26.80 1.68 -3.59	29.06 1.81 -4.06	28.60 1.99 0.00	34.09 3.17 -0.09	36.70 3.51 0.00	38.75 3.61 0.00	46.57 4.47 -0.01	56.64 5.54 -2.23	53.95 5.35 -0.28	59.28 5.08 -11.16	91.19 3.35 -59.89	117.22 4.62 -73.25	64.43 4.59 -15.48	84.95 4.04 -40.90	50.49 2.75 -14.83	39.43 2.60 -7.05	36.58 3.13 -1.95
PROJECT___ORANGE 1 24174	26.35 -0.11 0.00	24.92 -0.17 0.00	22.51 -0.23 0.00	21.41 -0.21 0.00	19.65 -0.18 0.00	20.48 -0.13 0.00	23.57 -0.15 0.00	21.44 -0.09 0.00	23.08 -0.10 0.00	26.47 -0.15 0.00	30.69 -0.14 0.00	33.08 -0.10 0.00	35.16 0.02 0.00	41.99 -0.10 0.00	48.76 -0.10 0.00	48.12 -0.21 0.00	42.78 -0.26 0.00	27.84 -0.12 0.00	39.13 -0.23 0.00	44.03 -0.33 0.00	39.74 -0.27 0.00	32.68 -0.23 0.00	29.56 -0.23 0.00	31.27 -0.24 0.00
PROJECT___ORANGE 2 24166	26.35 -0.11 0.00	24.92 -0.17 0.00	22.51 -0.23 0.00	21.41 -0.21 0.00	19.65 -0.18 0.00	20.48 -0.13 0.00	23.57 -0.15 0.00	21.44 -0.09 0.00	23.08 -0.10 0.00	26.47 -0.15 0.00	30.69 -0.14 0.00	33.08 -0.10 0.00	35.16 0.02 0.00	41.99 -0.10 0.00	48.76 -0.10 0.00	48.12 -0.21 0.00	42.78 -0.26 0.00	27.84 -0.12 0.00	39.13 -0.23 0.00	44.03 -0.33 0.00	39.74 -0.27 0.00	32.68 -0.23 0.00	29.56 -0.23 0.00	31.27 -0.24 0.00
PUCKETT___SOLAR 323809	27.33 0.88 0.00	25.89 0.80 0.00	23.29 0.56 0.00	22.10 0.48 0.00	20.28 0.45 0.00	21.19 0.57 0.00	24.48 0.76 0.00	22.24 0.71 0.00	23.93 0.74 0.00	27.41 0.79 0.00	31.69 0.86 0.00	34.08 0.89 0.00	35.96 0.82 0.00	43.35 1.26 0.00	50.32 1.45 0.00	49.85 1.53 0.00	48.72 1.57 -4.12	41.81 1.14 -12.72	43.21 1.52 -2.33	45.83 1.47 0.00	41.40 1.39 0.00	34.03 1.12 0.00	30.76 0.98 0.00	32.53 1.03 0.00
PYRITES___HYD 24023	26.48 0.03 0.00	25.00 -0.10 0.00	22.59 -0.15 0.00	21.44 -0.18 0.00	19.66 -0.17 0.00	20.44 -0.18 0.00	23.55 -0.17 0.00	21.32 -0.22 0.00	22.95 -0.24 0.00	26.24 -0.38 0.00	28.51 -0.72 1.61	12.67 -0.70 19.81	17.59 -0.59 16.96	18.75 -0.47 22.88	40.88 -0.66 7.33	25.92 -0.88 21.52	19.23 -1.02 22.78	12.23 -0.73 14.99	21.61 -0.88 16.87	35.74 -0.86 7.77	39.56 -0.45 0.00	32.82 -0.09 0.00	29.72 -0.06 0.00	31.33 -0.18 0.00

QUAKERRD_115KV_BK1 80622	25.98 -0.47 0.00	24.52 -0.57 0.00	21.93 -0.81 0.00	20.84 -0.78 0.00	19.05 -0.78 0.00	19.97 -0.65 0.00	23.03 -0.69 0.00	20.93 -0.60 0.00	22.73 -0.46 0.00	26.09 -0.53 0.00	30.19 -0.64 0.00	32.30 -0.88 0.00	34.12 -1.02 0.00	40.65 -1.45 0.00	47.20 -1.67 0.00	46.57 -1.75 0.00	42.72 -1.44 -1.13	30.58 -0.86 -3.48	38.71 -1.28 -0.64	42.74 -1.63 0.00	38.71 -1.30 0.00	31.98 -0.93 0.00	28.98 -0.81 0.00	30.76 -0.74 0.00
QUENSBRY_115KV_TB8 356137	28.36 1.91 0.00	27.03 1.93 0.00	24.57 1.83 0.00	23.33 1.71 0.00	21.42 1.59 0.00	22.27 1.66 0.00	25.75 2.03 0.00	24.19 1.86 -0.80	26.08 1.99 -0.90	28.95 2.33 0.00	33.43 2.60 0.00	36.14 2.96 0.00	38.43 3.29 0.00	46.12 4.02 0.00	53.55 4.69 0.00	53.31 4.98 0.00	82.66 4.79 -34.84	138.70 3.12 -107.63	63.42 4.32 -19.74	49.08 4.72 0.00	44.30 4.08 -0.20	38.76 2.85 -3.01	33.72 2.42 -1.51	34.26 2.41 -0.34
RAMAPO___LBMP 323565	27.86 1.40 0.00	26.46 1.37 0.00	24.03 1.29 0.00	22.80 1.18 0.00	20.91 1.08 0.00	21.66 1.04 0.00	24.97 1.25 0.00	18.09 1.24 4.69	19.23 1.33 5.30	28.32 1.71 0.00	33.08 2.25 0.00	35.72 2.53 0.00	37.83 2.69 0.00	45.19 3.10 0.00	52.55 3.68 0.00	52.17 3.85 0.00	56.94 3.65 -10.25	62.02 2.39 -31.68	48.39 3.22 -5.81	47.59 3.23 0.00	41.52 2.70 1.19	17.36 1.99 17.54	22.76 1.80 8.82	31.43 1.92 2.00
RANKINE____ 23646	26.88 0.43 0.00	25.31 0.22 0.00	22.31 -0.43 0.00	21.14 -0.48 0.00	19.21 -0.62 0.00	20.25 -0.36 0.00	23.21 -0.31 0.21	21.20 -0.33 0.00	23.18 -0.01 0.00	26.56 -0.05 0.00	30.67 -0.16 0.00	31.08 -0.66 1.45	21.39 -0.91 12.84	32.33 -1.38 8.38	40.60 -1.47 6.81	40.85 -1.55 5.92	42.05 -1.41 -0.42	32.56 -0.71 -5.31	39.22 -1.11 -0.97	42.83 -1.54 0.00	39.12 -0.89 0.00	32.53 -0.37 0.00	29.67 -0.12 0.00	31.70 0.19 0.00
RAVENSWOOD_GT2_1 24244	28.32 1.87 0.00	26.89 1.79 0.00	24.39 1.65 0.00	23.14 1.52 0.00	21.24 1.41 0.00	21.99 1.38 0.00	25.35 1.63 0.00	26.79 1.63 -3.62	29.06 1.79 -4.09	28.84 2.23 0.00	33.66 2.83 0.00	36.32 3.13 0.00	38.46 3.32 0.00	45.95 3.85 0.00	53.44 4.57 0.00	52.95 4.63 0.00	58.18 4.35 -10.80	64.15 2.83 -33.36	49.31 3.83 -6.12	48.29 3.92 0.00	44.16 3.30 -0.85	47.86 2.46 -12.49	38.32 2.25 -6.28	35.37 2.43 -1.43
RAVENSWOOD_GT2_2 24245	28.32 1.87 0.00	26.89 1.79 0.00	24.39 1.65 0.00	23.14 1.52 0.00	21.24 1.41 0.00	21.99 1.38 0.00	25.35 1.63 0.00	26.79 1.63 -3.62	29.06 1.79 -4.09	28.84 2.23 0.00	33.66 2.83 0.00	36.32 3.13 0.00	38.46 3.32 0.00	45.95 3.85 0.00	53.44 4.57 0.00	52.95 4.63 0.00	58.18 4.35 -10.80	64.15 2.83 -33.36	49.31 3.83 -6.12	48.29 3.92 0.00	44.16 3.30 -0.85	47.86 2.46 -12.49	38.32 2.25 -6.28	35.37 2.43 -1.43
RAVENSWOOD_GT2_3 24246	28.34 1.89 0.00	26.89 1.80 0.00	24.41 1.67 0.00	23.15 1.53 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.38 1.66 0.00	26.80 1.65 -3.62	29.08 1.81 -4.09	28.87 2.25 0.00	33.68 2.85 0.00	36.35 3.16 0.00	38.48 3.34 0.00	45.98 3.89 0.00	53.46 4.60 0.00	52.99 4.67 0.00	58.22 4.39 -10.80	64.17 2.86 -33.36	49.35 3.87 -6.12	48.33 3.96 0.00	44.19 3.33 -0.85	47.89 2.49 -12.49	38.34 2.28 -6.28	35.39 2.46 -1.43
RAVENSWOOD_GT2_4 24247	28.34 1.89 0.00	26.89 1.80 0.00	24.41 1.67 0.00	23.15 1.53 0.00	21.25 1.42 0.00	22.01 1.39 0.00	25.38 1.66 0.00	26.80 1.65 -3.62	29.08 1.81 -4.09	28.87 2.25 0.00	33.68 2.85 0.00	36.35 3.16 0.00	38.48 3.34 0.00	45.98 3.89 0.00	53.46 4.60 0.00	52.99 4.67 0.00	58.22 4.39 -10.80	64.17 2.86 -33.36	49.35 3.87 -6.12	48.33 3.96 0.00	44.19 3.33 -0.85	47.89 2.49 -12.49	38.34 2.28 -6.28	35.39 2.46 -1.43
RAVENSWOOD_GT3_1 24248	28.32 1.87 0.00	26.89 1.79 0.00	24.39 1.65 0.00	23.14 1.52 0.00	21.23 1.41 0.00	21.99 1.38 0.00	25.35 1.63 0.00	26.79 1.63 -3.62	29.06 1.79 -4.09	28.84 2.23 0.00	33.66 2.83 0.00	36.32 3.13 0.00	38.46 3.32 0.00	45.95 3.85 0.00	53.44 4.57 0.00	52.95 4.63 0.00	58.19 4.36 -10.80	64.15 2.83 -33.36	49.31 3.83 -6.12	48.29 3.92 0.00	44.16 3.30 -0.85	47.86 2.46 -12.49	38.32 2.25 -6.28	35.37 2.43 -1.43
RAVENSWOOD_GT3_2 24249	28.32 1.87 0.00	26.89 1.79 0.00	24.39 1.65 0.00	23.14 1.52 0.00	21.23 1.41 0.00	21.99 1.38 0.00	25.35 1.63 0.00	26.79 1.63 -3.62	29.06 1.79 -4.09	28.84 2.23 0.00	33.66 2.83 0.00	36.32 3.13 0.00	38.46 3.32 0.00	45.95 3.85 0.00	53.44 4.57 0.00	52.95 4.63 0.00	58.19 4.36 -10.80	64.15 2.83 -33.36	49.31 3.83 -6.12	48.29 3.92 0.00	44.16 3.30 -0.85	47.86 2.46 -12.49	38.32 2.25 -6.28	35.37 2.43 -1.43
RAVENSWOOD_GT3_3 24250	28.39 1.94 0.00	26.94 1.84 0.00	24.44 1.70 0.00	23.18 1.56 0.00	21.28 1.45 0.00	22.04 1.42 0.00	25.41 1.69 0.00	26.84 1.69 -3.62	29.12 1.85 -4.09	28.92 2.30 0.00	33.75 2.91 0.00	36.41 3.22 0.00	38.56 3.43 0.00	46.08 3.98 0.00	53.57 4.71 0.00	53.10 4.77 0.00	58.31 4.48 -10.80	64.23 2.91 -33.36	49.43 3.95 -6.12	48.41 4.05 0.00	44.27 3.41 -0.85	47.95 2.56 -12.49	38.40 2.33 -6.28	35.45 2.52 -1.43
RAVENSWOOD_GT3_4 24251	28.39 1.93 0.00	26.94 1.84 0.00	24.44 1.70 0.00	23.18 1.56 0.00	21.28 1.45 0.00	22.04 1.42 0.00	25.41 1.69 0.00	26.84 1.68 -3.62	29.12 1.85 -4.09	28.92 2.30 0.00	33.74 2.91 0.00	36.41 3.22 0.00	38.55 3.41 0.00	46.07 3.97 0.00	53.58 4.71 0.00	53.10 4.77 0.00	58.31 4.48 -10.80	64.23 2.91 -33.36	49.43 3.95 -6.12	48.42 4.05 0.00	44.27 3.41 -0.85	47.95 2.55 -12.49	38.39 2.33 -6.28	35.45 2.52 -1.43
RAVENSWOOD_GT_1 23729	28.35 1.90 0.00	26.92 1.82 0.00	24.43 1.69 0.00	23.17 1.56 0.00	21.27 1.44 0.00	22.03 1.41 0.00	25.39 1.67 0.00	26.82 1.67 -3.62	29.09 1.82 -4.09	38.89 2.24 -10.04	33.82 2.85 -0.13	36.32 3.13 0.00	38.44 3.30 0.00	45.91 3.81 0.00	53.36 4.49 0.00	52.83 4.51 0.00	58.10 4.27 -10.79	64.07 2.75 -33.36	49.20 3.72 -6.12	48.19 3.83 0.00	44.10 3.24 -0.85	47.83 2.44 -12.49	38.32 2.25 -6.28	35.35 2.41 -1.43
RAVENSWOOD_GT_10 24258	28.32 1.87 0.00	26.89 1.79 0.00	24.39 1.65 0.00	23.13 1.51 0.00	21.24 1.41 0.00	22.00 1.38 0.00	25.36 1.64 0.00	26.79 1.64 -3.62	29.07 1.79 -4.09	28.85 2.24 0.00	33.66 2.83 0.00	36.32 3.14 0.00	38.47 3.33 0.00	45.96 3.87 0.00	53.44 4.58 0.00	52.96 4.63 0.00	58.20 4.38 -10.80	64.15 2.84 -33.36	49.32 3.85 -6.12	48.30 3.94 0.00	44.17 3.31 -0.85	47.87 2.47 -12.49	38.32 2.26 -6.28	35.37 2.44 -1.43
RAVENSWOOD_GT_11 24259	28.33 1.87 0.00	26.89 1.79 0.00	24.39 1.65 0.00	23.14 1.52 0.00	21.24 1.41 0.00	21.99 1.38 0.00	25.36 1.64 0.00	26.79 1.64 -3.62	29.07 1.79 -4.09	28.85 2.24 0.00	33.66 2.83 0.00	36.32 3.13 0.00	38.46 3.32 0.00	45.96 3.86 0.00	53.44 4.58 0.00	52.96 4.63 0.00	58.21 4.37 -10.80	64.15 2.84 -33.36	49.33 3.85 -6.12	48.30 3.94 0.00	44.16 3.31 -0.85	47.87 2.47 -12.49	38.32 2.26 -6.28	35.37 2.44 -1.43

RAVENSWOOD_GT_4 24252	28.34 1.88 0.00	26.89 1.79 0.00	24.40 1.66 0.00	23.14 1.53 0.00	21.24 1.41 0.00	22.00 1.38 0.00	25.36 1.64 0.00	26.79 1.64 -3.62	29.08 1.80 -4.09	36.51 2.25 -7.64	33.78 2.85 -0.10	36.34 3.16 0.00	38.49 3.36 0.00	45.99 3.90 0.00	53.49 4.62 0.00	53.01 4.68 0.00	58.24 4.41 -10.79	64.18 2.87 -33.36	49.36 3.89 -6.12	48.33 3.97 0.00	44.20 3.34 -0.85	47.90 2.50 -12.49	38.35 2.28 -6.28	35.40 2.47 -1.43
RAVENSWOOD_GT_5 24254	28.34 1.88 0.00	26.89 1.79 0.00	24.40 1.66 0.00	23.14 1.53 0.00	21.24 1.41 0.00	22.00 1.38 0.00	25.36 1.64 0.00	26.79 1.64 -3.62	29.08 1.80 -4.09	36.51 2.25 -7.64	33.78 2.85 -0.10	36.34 3.16 0.00	38.49 3.36 0.00	45.99 3.90 0.00	53.49 4.62 0.00	53.01 4.68 0.00	58.24 4.41 -10.79	64.18 2.87 -33.36	49.36 3.89 -6.12	48.33 3.97 0.00	44.20 3.34 -0.85	47.90 2.50 -12.49	38.35 2.28 -6.28	35.40 2.47 -1.43
RAVENSWOOD_GT_6 24253	28.34 1.88 0.00	26.89 1.79 0.00	24.40 1.66 0.00	23.14 1.53 0.00	21.24 1.41 0.00	22.00 1.38 0.00	25.36 1.64 0.00	26.79 1.64 -3.62	29.08 1.80 -4.09	36.51 2.25 -7.64	33.78 2.85 -0.10	36.34 3.16 0.00	38.49 3.36 0.00	45.99 3.90 0.00	53.49 4.62 0.00	53.01 4.68 0.00	58.24 4.41 -10.79	64.18 2.87 -33.36	49.36 3.89 -6.12	48.33 3.97 0.00	44.20 3.34 -0.85	47.90 2.50 -12.49	38.35 2.28 -6.28	35.40 2.47 -1.43
RAVENSWOOD_GT_7 24255	28.34 1.88 0.00	26.89 1.79 0.00	24.40 1.66 0.00	23.14 1.53 0.00	21.24 1.41 0.00	22.00 1.38 0.00	25.36 1.64 0.00	26.79 1.64 -3.62	29.08 1.80 -4.09	36.51 2.25 -7.64	33.78 2.85 -0.10	36.34 3.16 0.00	38.49 3.36 0.00	45.99 3.90 0.00	53.49 4.62 0.00	53.01 4.68 0.00	58.24 4.41 -10.79	64.18 2.87 -33.36	49.36 3.89 -6.12	48.33 3.97 0.00	44.20 3.34 -0.85	47.90 2.50 -12.49	38.35 2.28 -6.28	35.40 2.47 -1.43
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.32 1.87 0.00	26.89 1.79 0.00	24.39 1.65 0.00	23.13 1.51 0.00	21.24 1.41 0.00	22.00 1.38 0.00	25.36 1.64 0.00	26.79 1.64 -3.62	29.07 1.79 -4.09	28.85 2.24 0.00	33.66 2.83 0.00	36.32 3.14 0.00	38.47 3.33 0.00	45.96 3.87 0.00	53.44 4.58 0.00	52.96 4.63 0.00	58.20 4.38 -10.80	64.15 2.84 -33.36	49.32 3.85 -6.12	48.30 3.94 0.00	44.17 3.31 -0.85	47.87 2.47 -12.49	38.32 2.26 -6.28	35.37 2.44 -1.43
RAVENSWOOD_GT_9 24257	28.33 1.87 0.00	26.89 1.79 0.00	24.39 1.65 0.00	23.14 1.52 0.00	21.24 1.41 0.00	21.99 1.38 0.00	25.36 1.64 0.00	26.79 1.64 -3.62	29.07 1.79 -4.09	28.85 2.24 0.00	33.66 2.83 0.00	36.32 3.13 0.00	38.46 3.32 0.00	45.96 3.86 0.00	53.44 4.58 0.00	52.96 4.63 0.00	58.21 4.37 -10.80	64.15 2.84 -33.36	49.33 3.85 -6.12	48.30 3.94 0.00	44.16 3.31 -0.85	47.87 2.47 -12.49	38.32 2.26 -6.28	35.37 2.44 -1.43
RAVENSWOOD___1 23533	28.32 1.87 0.00	26.90 1.80 0.00	24.41 1.67 0.00	23.16 1.54 0.00	21.25 1.42 0.00	22.02 1.40 0.00	25.37 1.65 0.00	26.80 1.65 -3.62	29.07 1.79 -4.09	28.83 2.22 0.00	33.65 2.82 0.00	36.29 3.10 0.00	38.42 3.28 0.00	45.87 3.78 0.00	53.31 4.45 0.00	52.79 4.47 0.00	58.06 4.23 -10.79	64.06 2.74 -33.35	49.17 3.70 -6.11	48.16 3.80 0.01	44.07 3.22 -0.84	47.80 2.41 -12.48	38.29 2.23 -6.28	35.32 2.38 -1.43
RAVENSWOOD___2 23534	28.22 1.76 0.00	26.84 1.74 0.00	24.36 1.62 0.00	23.10 1.49 0.00	21.21 1.38 0.00	21.97 1.35 0.00	25.28 1.56 0.00	26.71 1.55 -3.62	28.91 1.63 -4.09	28.59 1.98 0.00	33.39 2.55 0.00	35.99 2.80 0.00	38.11 2.97 0.00	45.50 3.40 0.00	52.88 4.02 0.00	52.37 4.05 0.00	57.68 3.85 -10.79	63.81 2.50 -33.35	48.84 3.37 -6.11	47.79 3.43 0.01	43.73 2.89 -0.84	47.52 2.12 -12.48	38.02 1.96 -6.28	35.03 2.10 -1.43
RAVENSWOOD___3 23535	28.33 1.87 0.00	26.89 1.79 0.00	24.39 1.65 0.00	23.14 1.52 0.00	21.24 1.41 0.00	21.99 1.38 0.00	25.36 1.64 0.00	26.79 1.64 -3.62	29.07 1.79 -4.09	28.85 2.23 0.00	33.66 2.83 0.00	36.32 3.13 0.00	38.46 3.32 0.00	45.96 3.86 0.00	53.44 4.57 0.00	52.96 4.63 0.00	58.20 4.36 -10.80	64.15 2.83 -33.36	49.32 3.84 -6.12	48.29 3.93 0.00	44.16 3.31 -0.85	47.86 2.47 -12.49	38.32 2.26 -6.28	35.37 2.43 -1.43
RAVENSWOOD___4 23820	28.30 1.85 0.00	26.88 1.78 0.00	24.39 1.65 0.00	23.14 1.52 0.00	21.23 1.40 0.00	22.00 1.38 0.00	25.35 1.63 0.00	26.78 1.62 -3.62	29.04 1.77 -4.09	18.92 2.19 9.88	33.49 2.79 0.13	36.25 3.07 0.00	38.39 3.25 0.00	45.83 3.74 0.00	53.26 4.40 0.01	52.75 4.43 0.01	58.02 4.20 -10.79	64.03 2.72 -33.35	49.15 3.68 -6.11	48.14 3.78 0.01	44.04 3.19 -0.84	47.77 2.38 -12.48	38.26 2.20 -6.28	35.28 2.35 -1.43
RCPL_TRUST___DRP 24196	28.31 1.86 0.00	26.87 1.77 0.00	24.38 1.64 0.00	23.13 1.51 0.00	21.23 1.40 0.00	21.99 1.38 0.00	25.36 1.64 0.00	26.81 1.65 -3.62	29.09 1.81 -4.09	28.88 2.26 0.00	33.71 2.88 0.00	36.38 3.19 0.00	38.55 3.41 0.00	46.07 3.97 0.00	53.57 4.70 0.00	53.05 4.73 0.00	58.27 4.44 -10.80	64.20 2.88 -33.36	49.38 3.91 -6.12	48.34 3.98 0.00	44.19 3.33 -0.85	47.89 2.48 -12.50	38.33 2.26 -6.28	35.37 2.43 -1.43
RED___ROCHESTER 323720	26.94 0.49 0.00	25.39 0.29 0.00	22.62 -0.12 0.00	21.49 -0.13 0.00	19.63 -0.20 0.00	20.61 -0.01 0.00	23.79 0.07 0.00	21.61 0.08 0.00	23.52 0.33 0.00	27.02 0.41 0.00	31.27 0.44 0.00	33.43 0.24 0.00	35.32 0.18 0.00	41.93 -0.16 0.00	48.69 -0.17 0.00	48.12 -0.21 0.00	44.16 -0.05 -1.18	31.67 0.07 -3.64	39.98 -0.04 -0.67	44.08 -0.29 0.00	39.99 -0.02 0.00	33.07 0.16 0.00	29.99 0.20 0.00	31.86 0.36 0.00
REGAN___SOLAR 323812	29.14 2.68 0.00	27.53 2.43 0.00	24.84 2.11 0.00	23.57 1.95 0.00	21.63 1.81 0.00	22.55 1.93 0.00	26.08 2.36 0.00	24.27 2.09 -0.64	26.04 2.12 -0.73	28.95 2.33 0.00	33.12 2.29 0.00	35.35 2.17 0.00	38.22 3.08 0.00	46.46 4.36 0.00	54.35 5.49 0.00	53.32 5.00 0.00	79.32 3.89 -32.40	131.27 3.22 -100.10	62.15 4.44 -18.36	49.09 4.73 0.00	44.70 4.69 0.00	36.63 3.72 0.00	33.03 3.25 0.00	34.84 3.33 0.00
RENSSELAER___COGEN 23796	26.97 0.51 0.00	25.66 0.57 0.00	23.37 0.63 0.00	22.25 0.63 0.00	20.41 0.58 0.00	21.18 0.56 0.00	24.33 0.61 0.00	22.89 0.52 -0.84	24.67 0.53 -0.95	27.34 0.72 0.00	31.65 0.82 0.00	34.01 0.82 0.00	36.00 0.86 0.00	43.18 1.08 0.00	50.06 1.19 0.00	49.53 1.20 0.00	67.72 1.26 -23.42	101.13 0.81 -72.37	53.72 1.09 -13.27	45.51 1.15 0.00	41.03 0.81 -0.21	36.57 0.53 -3.13	31.84 0.47 -1.57	32.43 0.56 -0.36
REPUBLIC_115KV_BARTNBRK 55605	29.55 3.10 0.00	28.20 3.10 0.00	25.66 2.92 0.00	24.34 2.72 0.00	22.35 2.53 0.00	23.27 2.65 0.00	27.01 3.29 0.00	25.29 2.95 -0.80	27.36 3.27 -0.91	30.22 3.61 0.00	34.71 3.88 0.00	37.89 4.71 0.00	40.44 5.30 0.00	48.50 6.40 0.00	56.20 7.33 0.00	55.69 7.36 0.00	84.73 7.28 -34.42	138.86 4.58 -106.33	65.21 6.35 -19.50	51.54 7.17 0.00	46.37 6.16 -0.20	40.56 4.64 -3.01	35.53 4.23 -1.51	36.01 4.16 -0.34

REVERE_CPPR_DRP 24186	27.31 0.86 0.00	25.86 0.76 0.00	23.37 0.63 0.00	22.16 0.54 0.00	20.35 0.52 0.00	21.22 0.61 0.00	24.51 0.79 0.00	22.26 0.72 0.00	23.99 0.80 0.00	27.40 0.78 0.00	32.53 0.85 -0.84	44.56 0.97 -10.39	45.32 1.29 -8.89	55.77 1.67 -12.00	55.71 2.08 -4.76	63.95 2.08 -13.55	57.09 1.75 -12.31	39.07 1.07 -10.03	49.51 1.31 -8.85	50.09 1.65 -4.08	41.60 1.59 0.00	34.21 1.30 0.00	30.91 1.12 0.00	32.60 1.10 0.00
REYNOLDS_115KV_TB3 80639	27.15 0.70 0.00	25.84 0.74 0.00	23.54 0.80 0.00	22.42 0.80 0.00	20.57 0.74 0.00	21.34 0.73 0.00	24.52 0.80 0.00	23.07 0.68 -0.86	24.86 0.70 -0.98	27.52 0.91 0.00	31.86 1.02 0.00	34.30 1.11 0.00	36.35 1.22 0.00	43.59 1.50 0.00	50.49 1.63 0.00	49.96 1.64 0.00	69.47 1.65 -24.79	105.58 1.05 -76.57	54.82 1.42 -14.04	45.89 1.53 0.00	41.39 1.17 -0.22	36.94 0.81 -3.22	32.08 0.68 -1.62	32.63 0.76 -0.37
RIVERBAY____ 323610	28.46 2.00 0.00	27.02 1.92 0.00	24.53 1.79 0.00	23.28 1.66 0.00	21.35 1.52 0.00	22.12 1.50 0.00	25.47 1.76 0.00	26.87 1.71 -3.62	29.13 1.85 -4.09	28.89 2.28 0.00	33.74 2.90 0.00	36.46 3.27 0.00	38.70 3.56 0.00	46.17 4.08 0.00	53.82 4.95 0.00	53.00 4.68 0.00	58.29 4.46 -10.79	64.22 2.90 -33.35	49.42 3.95 -6.11	48.52 4.16 0.01	44.43 3.58 -0.84	48.11 2.71 -12.48	38.54 2.48 -6.28	35.54 2.61 -1.43
RIVERSDE_115KV_TB3 55908	27.10 0.65 0.00	25.78 0.69 0.00	23.48 0.74 0.00	22.36 0.74 0.00	20.51 0.69 0.00	21.29 0.67 0.00	24.46 0.74 0.00	23.01 0.63 -0.85	24.80 0.66 -0.96	27.48 0.86 0.00	31.82 0.98 0.00	34.24 1.05 0.00	36.29 1.16 0.00	43.54 1.45 0.00	50.47 1.60 0.00	49.93 1.61 0.00	69.78 1.63 -25.12	106.60 1.04 -77.60	54.99 1.40 -14.23	45.85 1.49 0.00	41.33 1.11 -0.21	36.83 0.76 -3.17	32.01 0.64 -1.59	32.57 0.71 -0.36
ROARING__BROOK_WT_PWR 323790	26.45 0.00 0.00	25.11 0.02 0.00	22.58 -0.16 0.00	21.30 -0.32 0.00	19.49 -0.34 0.00	20.10 -0.52 0.00	23.33 -0.39 0.00	21.12 -0.42 0.00	22.48 -0.70 0.00	25.48 -1.14 0.00	29.47 -1.36 0.00	31.48 -1.71 0.00	33.22 -1.92 0.00	40.11 -1.99 0.00	47.15 -1.71 0.00	46.17 -2.16 0.00	41.41 -1.76 -0.13	27.06 -1.40 -0.50	37.35 -2.01 0.00	42.86 -1.50 0.00	39.23 -0.78 0.00	32.55 -0.36 0.00	29.76 -0.02 0.00	31.51 0.01 0.00
ROCHESRG_115KV_T4 355643	26.59 0.14 0.00	25.08 -0.01 0.00	22.37 -0.37 0.00	21.24 -0.37 0.00	19.40 -0.43 0.00	20.36 -0.26 0.00	23.50 -0.22 0.00	21.32 -0.21 0.00	23.19 0.00 0.00	26.61 0.00 0.00	30.78 -0.05 0.00	32.85 -0.34 0.00	34.67 -0.47 0.00	40.98 -0.86 0.25	47.05 -0.98 0.84	46.54 -1.03 0.76	43.24 -0.79 -1.00	31.14 -0.42 -3.61	39.30 -0.72 -0.66	43.35 -1.01 0.00	39.35 -0.66 0.00	32.56 -0.35 0.00	29.56 -0.22 0.00	31.43 -0.08 0.00
ROCHESTER_9_IC 23652	26.78 0.32 0.00	25.25 0.15 0.00	22.51 -0.23 0.00	21.38 -0.24 0.00	19.52 -0.30 0.00	20.50 -0.12 0.00	23.66 -0.06 0.00	21.48 -0.06 0.00	23.37 0.18 0.00	26.83 0.22 0.00	31.05 0.21 0.00	33.16 -0.03 0.00	35.00 -0.14 0.00	41.61 -0.49 0.00	48.31 -0.56 0.00	47.73 -0.59 0.00	43.82 -0.40 -1.18	31.42 -0.17 -3.64	39.66 -0.37 -0.67	43.73 -0.63 0.00	39.69 -0.32 0.00	32.83 -0.08 0.00	29.79 0.00 0.00	31.66 0.16 0.00
ROCKVIEW_13_KV_LD 356306	28.33 1.87 0.00	26.89 1.80 0.00	24.39 1.65 0.00	23.14 1.52 0.00	21.23 1.40 0.00	22.00 1.38 0.00	25.36 1.64 0.00	26.78 1.62 -3.62	29.05 1.78 -4.09	28.83 2.22 0.00	33.67 2.84 0.00	36.33 3.14 0.00	38.50 3.36 0.00	46.00 3.90 0.00	53.48 4.61 0.00	53.03 4.70 0.00	58.25 4.42 -10.80	64.20 2.88 -33.36	49.38 3.91 -6.12	48.38 4.02 0.00	44.25 3.39 -0.85	47.93 2.54 -12.48	38.36 2.30 -6.27	35.39 2.46 -1.43
ROME____115KV_TB2 80656	27.31 0.86 0.00	25.86 0.76 0.00	23.37 0.63 0.00	22.16 0.54 0.00	20.35 0.52 0.00	21.22 0.61 0.00	24.51 0.79 0.00	22.26 0.72 0.00	23.99 0.80 0.00	27.40 0.78 0.00	32.53 0.85 -0.84	44.56 0.97 -10.39	45.32 1.29 -8.89	55.77 1.67 -12.00	55.71 2.08 -4.76	63.95 2.08 -13.55	57.09 1.75 -12.31	39.07 1.07 -10.03	49.51 1.31 -8.85	50.09 1.65 -4.08	41.60 1.59 0.00	34.21 1.30 0.00	30.91 1.12 0.00	32.60 1.10 0.00
ROSETON__1 23587	27.79 1.33 0.00	26.41 1.31 0.00	23.98 1.24 0.00	22.77 1.15 0.00	20.88 1.05 0.00	21.64 1.02 0.00	24.93 1.21 0.00	22.71 1.18 0.00	24.45 1.27 0.00	28.21 1.60 0.00	32.88 2.05 0.00	35.47 2.28 0.00	37.58 2.44 0.00	44.90 2.80 0.00	52.16 3.29 0.00	51.71 3.38 0.00	56.99 3.23 -10.73	63.19 2.09 -33.15	48.26 2.82 -6.08	47.25 2.88 0.00	42.40 2.39 0.00	34.70 1.79 0.00	31.40 1.61 0.00	33.24 1.73 0.00
ROSETON__2 23588	27.79 1.33 0.00	26.41 1.31 0.00	23.98 1.24 0.00	22.77 1.15 0.00	20.88 1.05 0.00	21.64 1.02 0.00	24.93 1.21 0.00	22.71 1.18 0.00	24.45 1.27 0.00	28.21 1.60 0.00	32.88 2.05 0.00	35.47 2.28 0.00	37.58 2.44 0.00	44.90 2.80 0.00	52.16 3.29 0.00	51.71 3.38 0.00	56.99 3.23 -10.73	63.19 2.09 -33.15	48.26 2.82 -6.08	47.25 2.88 0.00	42.40 2.39 0.00	34.70 1.79 0.00	31.40 1.61 0.00	33.24 1.73 0.00
ROTTTRDAM_115KV_TB3 80664	27.51 1.06 0.00	26.16 1.06 0.00	23.77 1.03 0.00	22.60 0.98 0.00	20.72 0.89 0.00	21.53 0.91 0.00	24.79 1.07 0.00	23.29 0.98 -0.77	25.11 1.05 -0.87	27.89 1.28 0.00	32.34 1.50 0.00	34.83 1.64 0.00	36.97 1.83 0.00	44.29 2.20 0.00	51.36 2.50 0.00	50.88 2.55 0.00	82.11 2.44 -36.64	142.76 1.61 -113.19	62.33 2.21 -20.76	46.70 2.33 0.00	42.14 1.93 -0.20	37.24 1.43 -2.90	32.46 1.21 -1.46	33.10 1.26 -0.33
RUSSELL__1 23602	26.94 0.49 0.00	25.39 0.29 0.00	22.62 -0.12 0.00	21.49 -0.13 0.00	19.63 -0.20 0.00	20.61 -0.01 0.00	23.80 0.08 0.00	21.61 0.07 0.00	23.51 0.33 0.00	27.01 0.40 0.00	31.26 0.43 0.00	33.42 0.23 0.00	35.27 0.13 0.00	41.93 -0.17 0.00	48.68 -0.19 0.00	48.11 -0.22 0.00	44.16 -0.05 -1.18	31.65 0.05 -3.64	39.98 -0.05 -0.67	44.08 -0.29 0.00	39.98 -0.03 0.00	33.06 0.15 0.00	29.98 0.20 0.00	31.85 0.35 0.00
RUSSELL__2 23532	26.94 0.49 0.00	25.39 0.29 0.00	22.62 -0.12 0.00	21.49 -0.13 0.00	19.63 -0.20 0.00	20.61 -0.01 0.00	23.80 0.08 0.00	21.61 0.07 0.00	23.51 0.33 0.00	27.01 0.40 0.00	31.26 0.43 0.00	33.42 0.23 0.00	35.27 0.13 0.00	41.93 -0.17 0.00	48.68 -0.19 0.00	48.11 -0.22 0.00	44.16 -0.05 -1.18	31.65 0.05 -3.64	39.98 -0.05 -0.67	44.08 -0.29 0.00	39.98 -0.03 0.00	33.06 0.15 0.00	29.98 0.20 0.00	31.85 0.35 0.00
RUSSELL__3 23549	26.94 0.49 0.00	25.39 0.29 0.00	22.62 -0.12 0.00	21.49 -0.13 0.00	19.63 -0.20 0.00	20.61 -0.01 0.00	23.80 0.08 0.00	21.61 0.07 0.00	23.51 0.33 0.00	27.01 0.40 0.00	31.26 0.43 0.00	33.42 0.23 0.00	35.27 0.13 0.00	41.93 -0.17 0.00	48.68 -0.19 0.00	48.11 -0.22 0.00	44.16 -0.05 -1.18	31.65 0.05 -3.64	39.98 -0.05 -0.67	44.08 -0.29 0.00	39.98 -0.03 0.00	33.06 0.15 0.00	29.98 0.20 0.00	31.85 0.35 0.00

RUSSELL___4 23556	26.94 0.49 0.00	25.39 0.29 0.00	22.62 -0.12 0.00	21.49 -0.13 0.00	19.63 -0.20 0.00	20.61 -0.01 0.00	23.80 0.08 0.00	21.61 0.07 0.00	23.51 0.33 0.00	27.01 0.40 0.00	31.26 0.43 0.00	33.42 0.23 0.00	35.27 0.13 0.00	41.93 -0.17 0.00	48.68 -0.19 0.00	48.11 -0.22 0.00	44.16 -0.05 -1.18	31.65 0.05 -3.64	39.98 -0.05 -0.67	44.08 -0.29 0.00	39.98 -0.03 0.00	33.06 0.15 0.00	29.98 0.20 0.00	31.85 0.35 0.00
RUSSELL___STATION 23914	26.94 0.49 0.00	25.39 0.29 0.00	22.62 -0.12 0.00	21.49 -0.13 0.00	19.63 -0.20 0.00	20.61 -0.01 0.00	23.80 0.08 0.00	21.61 0.07 0.00	23.51 0.33 0.00	27.01 0.40 0.00	31.26 0.43 0.00	33.42 0.23 0.00	35.27 0.13 0.00	41.93 -0.17 0.00	48.68 -0.19 0.00	48.11 -0.22 0.00	44.16 -0.05 -1.18	31.65 0.05 -3.64	39.98 -0.05 -0.67	44.08 -0.29 0.00	39.98 -0.03 0.00	33.06 0.15 0.00	29.98 0.20 0.00	31.85 0.35 0.00
S SALMON___HYD 24043	26.18 -0.27 0.00	24.79 -0.30 0.00	22.41 -0.33 0.00	21.27 -0.35 0.00	19.52 -0.30 0.00	20.27 -0.35 0.00	23.41 -0.31 0.00	21.28 -0.25 0.00	22.82 -0.36 0.00	25.94 -0.68 0.00	29.00 -0.92 0.92	20.80 -1.09 11.31	24.55 -0.91 9.68	27.91 -1.13 13.06	43.10 -0.81 4.95	32.91 -1.25 14.17	28.28 -1.50 13.25	16.83 -0.94 10.19	28.36 -1.37 9.62	38.68 -1.26 4.43	39.30 -0.71 0.00	32.57 -0.34 0.00	29.59 -0.20 0.00	31.31 -0.19 0.00
S.PERRY___115KV_TB1 80734	27.55 1.09 0.00	26.09 1.00 0.00	23.18 0.43 0.00	21.90 0.28 0.00	19.91 0.09 0.00	20.93 0.31 0.00	24.93 0.50 -0.70	21.78 0.25 0.00	23.14 -0.05 0.00	26.44 -0.17 0.00	30.53 -0.30 0.00	37.30 -0.84 -4.95	78.11 -1.05 -44.03	68.88 -1.80 -28.58	69.91 -2.09 -23.13	66.42 -2.02 -20.11	47.76 -1.48 -6.21	32.80 -0.67 -5.52	39.53 -0.83 -1.01	43.67 -0.70 0.00	40.23 0.22 0.00	33.40 0.49 0.00	30.27 0.49 0.00	32.74 1.23 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.62 0.17 0.00	25.06 -0.04 0.00	22.10 -0.64 0.00	20.96 -0.66 0.00	19.06 -0.77 0.00	20.09 -0.53 0.00	23.02 -0.51 0.20	21.01 -0.52 0.00	22.98 -0.21 0.00	26.30 -0.32 0.00	30.35 -0.48 0.00	30.75 -1.05 1.39	21.52 -1.31 12.32	32.16 -1.89 8.04	40.25 -2.09 6.53	40.45 -2.20 5.68	41.47 -1.95 -0.38	31.92 -1.08 -5.04	38.62 -1.66 -0.93	42.21 -2.15 0.00	38.57 -1.43 0.00	32.11 -0.80 0.00	29.32 -0.47 0.00	31.37 -0.14 0.00
SAWYER___23_KV_LOAD 55526	26.62 0.17 0.00	25.06 -0.04 0.00	22.10 -0.64 0.00	20.96 -0.66 0.00	19.06 -0.77 0.00	20.09 -0.53 0.00	23.02 -0.51 0.20	21.01 -0.52 0.00	22.98 -0.21 0.00	26.30 -0.32 0.00	30.35 -0.48 0.00	30.75 -1.05 1.39	21.52 -1.31 12.32	32.16 -1.89 8.04	40.25 -2.09 6.53	40.45 -2.20 5.68	41.47 -1.95 -0.38	31.92 -1.08 -5.04	38.62 -1.66 -0.93	42.21 -2.15 0.00	38.57 -1.43 0.00	32.11 -0.80 0.00	29.32 -0.47 0.00	31.37 -0.14 0.00
SELKIRK___I 23801	27.24 0.79 0.00	25.93 0.84 0.00	23.60 0.86 0.00	22.46 0.84 0.00	20.60 0.77 0.00	21.39 0.77 0.00	24.57 0.85 0.00	23.01 0.72 -0.76	24.77 0.72 -0.86	28.32 1.71 0.00	33.37 2.54 0.00	35.72 2.53 0.00	36.69 1.55 0.00	43.45 1.36 0.00	50.37 1.51 0.00	49.84 1.52 0.00	64.30 1.51 -19.76	90.59 0.99 -61.64	51.99 1.33 -11.30	45.85 1.49 0.00	41.36 1.16 -0.19	36.61 0.82 -2.88	31.95 0.71 -1.45	32.67 0.84 -0.33
SELKIRK___II 23799	27.10 0.65 0.00	25.79 0.69 0.00	23.47 0.73 0.00	22.33 0.72 0.00	20.48 0.66 0.00	21.26 0.64 0.00	24.43 0.70 0.00	22.97 0.62 -0.82	24.74 0.63 -0.92	27.44 0.83 0.00	31.78 0.95 0.00	34.03 0.84 0.00	35.96 0.83 0.00	43.11 1.02 0.00	49.99 1.12 0.00	49.45 1.12 0.00	65.01 1.14 -20.84	93.02 0.75 -64.31	52.20 1.04 -11.80	45.49 1.12 0.00	41.02 0.81 -0.21	36.48 0.52 -3.05	31.82 0.50 -1.53	32.55 0.70 -0.35
SENECA OSWGO___HYD 24041	25.92 -0.53 0.00	24.57 -0.52 0.00	22.24 -0.50 0.00	21.16 -0.46 0.00	19.43 -0.40 0.00	20.22 -0.40 0.00	23.26 -0.46 0.00	21.16 -0.37 0.00	22.76 -0.43 0.00	26.04 -0.57 0.00	29.96 -0.68 0.19	30.05 -0.73 2.41	32.38 -0.69 2.07	38.41 -0.90 2.79	46.92 -0.84 1.10	44.15 -1.04 3.14	39.19 -1.03 2.82	25.17 -0.61 2.18	36.43 -0.88 2.05	42.43 -0.99 0.94	39.15 -0.86 0.00	32.23 -0.67 0.00	29.18 -0.60 0.00	30.89 -0.62 0.00
SENECA___115KV_TB3 355854	26.93 0.48 0.00	25.36 0.26 0.00	22.35 -0.39 0.00	21.18 -0.44 0.00	19.25 -0.58 0.00	20.29 -0.33 0.00	23.25 -0.27 0.21	21.24 -0.29 0.00	23.22 0.04 0.00	26.61 0.00 0.00	30.73 -0.10 0.00	31.15 -0.59 1.45	21.46 -0.84 12.84	32.43 -1.28 8.38	40.72 -1.34 6.81	40.98 -1.42 5.92	42.14 -1.31 -0.42	32.62 -0.65 -5.31	39.30 -1.03 -0.97	42.91 -1.45 0.00	39.20 -0.81 0.00	32.59 -0.31 0.00	29.73 -0.06 0.00	31.76 0.25 0.00
SENECA___ENERGY 23797	26.77 0.32 0.00	25.13 0.04 0.00	22.61 -0.13 0.00	21.47 -0.15 0.00	19.63 -0.19 0.00	20.56 -0.06 0.00	23.76 -0.01 -0.05	21.54 0.01 0.00	23.25 0.07 0.00	26.65 0.04 0.00	30.88 0.05 0.00	33.73 0.17 -0.38	39.25 0.75 -3.36	44.32 0.19 -2.04	50.49 0.03 -1.60	49.45 -0.26 -1.39	44.34 -0.18 -1.49	31.64 0.03 -3.64	40.11 0.09 -0.67	44.38 0.01 0.00	40.13 0.11 0.00	33.00 0.09 0.00	29.91 0.12 0.00	31.61 0.10 0.00
SHOEMAKER___GT 23640	27.70 1.25 0.00	26.33 1.23 0.00	23.88 1.14 0.00	22.68 1.06 0.00	20.79 0.96 0.00	21.56 0.94 0.00	24.84 1.12 0.00	19.75 1.08 2.86	21.12 1.16 3.23	28.08 1.46 0.00	32.68 1.85 0.00	35.24 2.05 0.00	37.33 2.19 0.00	44.61 2.52 0.00	51.85 2.99 0.00	51.43 3.10 0.00	55.57 2.95 -9.58	59.52 1.95 -29.61	47.45 2.67 -5.43	47.16 2.79 0.00	41.65 2.36 0.71	24.15 1.79 10.55	26.08 1.59 5.30	31.96 1.67 1.21
SHOEMAKR_138KV_BK 111 55601	27.67 1.22 0.00	26.30 1.20 0.00	23.86 1.12 0.00	22.65 1.03 0.00	20.77 0.94 0.00	21.54 0.92 0.00	24.82 1.10 0.00	19.88 1.06 2.71	21.27 1.14 3.06	28.06 1.45 0.00	32.68 1.85 0.00	35.25 2.06 0.00	37.34 2.21 0.00	44.64 2.54 0.00	51.88 3.02 0.00	51.46 3.14 0.00	55.51 2.98 -9.49	59.26 1.96 -29.34	47.41 2.68 -5.38	47.14 2.77 0.00	41.66 2.33 0.68	24.66 1.76 10.01	26.32 1.56 5.03	32.00 1.64 1.14
SHOREHAM_IC_1 23715	28.62 2.17 0.00	27.18 2.09 0.00	24.71 1.97 0.00	23.35 1.73 0.00	21.42 1.60 0.00	22.20 1.58 0.00	25.46 1.74 0.00	26.80 1.68 -3.59	29.06 1.81 -4.06	28.60 1.99 0.00	34.09 3.17 -0.09	36.70 3.51 0.00	38.75 3.61 0.00	46.57 4.47 -0.01	56.64 5.54 -2.23	53.95 5.35 -0.28	59.28 5.08 -11.16	91.19 3.35 -59.89	117.22 4.62 -73.25	64.43 4.59 -15.48	84.95 4.04 -40.90	50.49 2.75 -14.83	39.43 2.60 -7.05	36.58 3.13 -1.95
SHOREHAM_IC_2 23716	28.62 2.17 0.00	27.18 2.09 0.00	24.71 1.97 0.00	23.35 1.73 0.00	21.42 1.60 0.00	22.20 1.58 0.00	25.46 1.74 0.00	26.80 1.68 -3.59	29.06 1.81 -4.06	28.60 1.99 0.00	34.09 3.17 -0.09	36.70 3.51 0.00	38.75 3.61 0.00	46.57 4.47 -0.01	56.64 5.54 -2.23	53.95 5.35 -0.28	59.28 5.08 -11.16	91.19 3.35 -59.89	117.22 4.62 -73.25	64.43 4.59 -15.48	84.95 4.04 -40.90	50.49 2.75 -14.83	39.43 2.60 -7.05	36.58 3.13 -1.95

SISSONVILLE____ 23735	26.00 -0.45 0.00	24.55 -0.55 0.00	22.20 -0.54 0.00	21.06 -0.56 0.00	19.32 -0.51 0.00	20.01 -0.60 0.00	23.03 -0.69 0.00	20.85 -0.68 0.00	22.44 -0.74 0.00	25.70 -0.92 0.00	27.73 -1.41 1.69	10.84 -1.51 20.84	15.74 -1.56 17.84	16.21 -1.82 24.07	39.12 -2.14 7.61	23.82 -2.11 22.39	17.01 -2.01 24.01	10.74 -1.38 15.84	19.82 -1.79 17.74	34.30 -1.90 8.17	38.62 -1.39 0.00	32.06 -0.85 0.00	29.06 -0.72 0.00	30.68 -0.83 0.00
SITHE_IND_GS1 24169	25.61 -0.85 0.00	24.29 -0.81 0.00	21.98 -0.76 0.00	20.92 -0.70 0.00	19.21 -0.62 0.00	19.99 -0.63 0.00	22.96 -0.76 0.00	20.89 -0.65 0.00	22.48 -0.70 0.00	25.77 -0.85 0.00	29.85 -0.99 0.00	32.11 -1.08 0.00	33.98 -1.16 0.00	40.70 -1.40 0.00	47.32 -1.54 0.00	46.74 -1.59 0.00	41.61 -1.42 0.00	27.08 -0.88 0.00	38.06 -1.30 0.00	42.87 -1.50 0.00	38.71 -1.30 0.00	31.85 -1.06 0.00	28.84 -0.95 0.00	30.51 -1.00 0.00
SITHE_IND_GS2 24170	25.61 -0.85 0.00	24.29 -0.81 0.00	21.98 -0.76 0.00	20.92 -0.70 0.00	19.21 -0.62 0.00	19.99 -0.63 0.00	22.96 -0.76 0.00	20.89 -0.65 0.00	22.48 -0.70 0.00	25.77 -0.85 0.00	29.85 -0.99 0.00	32.11 -1.08 0.00	33.98 -1.16 0.00	40.70 -1.40 0.00	47.32 -1.54 0.00	46.74 -1.59 0.00	41.61 -1.42 0.00	27.08 -0.88 0.00	38.06 -1.30 0.00	42.87 -1.50 0.00	38.71 -1.30 0.00	31.85 -1.06 0.00	28.84 -0.95 0.00	30.51 -1.00 0.00
SITHE_IND_GS3 24171	25.61 -0.85 0.00	24.29 -0.81 0.00	21.98 -0.76 0.00	20.92 -0.70 0.00	19.21 -0.62 0.00	19.99 -0.63 0.00	22.96 -0.76 0.00	20.89 -0.65 0.00	22.48 -0.70 0.00	25.77 -0.85 0.00	29.85 -0.99 0.00	32.11 -1.08 0.00	33.98 -1.16 0.00	40.70 -1.40 0.00	47.32 -1.54 0.00	46.74 -1.59 0.00	41.61 -1.42 0.00	27.08 -0.88 0.00	38.06 -1.30 0.00	42.87 -1.50 0.00	38.71 -1.30 0.00	31.85 -1.06 0.00	28.84 -0.95 0.00	30.51 -1.00 0.00
SITHE_IND_GS4 24172	25.61 -0.85 0.00	24.29 -0.81 0.00	21.98 -0.76 0.00	20.92 -0.70 0.00	19.21 -0.62 0.00	19.99 -0.63 0.00	22.96 -0.76 0.00	20.89 -0.65 0.00	22.48 -0.70 0.00	25.77 -0.85 0.00	29.85 -0.99 0.00	32.11 -1.08 0.00	33.98 -1.16 0.00	40.70 -1.40 0.00	47.32 -1.54 0.00	46.74 -1.59 0.00	41.61 -1.42 0.00	27.08 -0.88 0.00	38.06 -1.30 0.00	42.87 -1.50 0.00	38.71 -1.30 0.00	31.85 -1.06 0.00	28.84 -0.95 0.00	30.51 -1.00 0.00
SITHE____BATAVIA 24024	27.34 0.89 0.00	25.73 0.63 0.00	22.76 0.02 0.00	21.60 -0.02 0.00	19.69 -0.14 0.00	20.76 0.14 0.00	23.90 0.28 0.10	21.74 0.20 0.00	23.72 0.54 0.00	27.18 0.56 0.00	31.39 0.56 0.00	32.82 0.36 0.72	29.06 0.33 6.41	37.82 -0.06 4.21	45.28 -0.16 3.43	44.94 -0.41 2.98	43.34 -0.44 -0.74	32.16 -0.12 -4.33	39.83 -0.32 -0.79	43.91 -0.45 0.00	40.06 0.05 0.00	33.29 0.38 0.00	30.27 0.48 0.00	32.25 0.74 0.00
SITHE____INDEPEND 23800	25.61 -0.85 0.00	24.29 -0.81 0.00	21.98 -0.76 0.00	20.93 -0.69 0.00	19.21 -0.62 0.00	19.99 -0.63 0.00	22.96 -0.76 0.00	20.88 -0.65 0.00	22.48 -0.70 0.00	25.77 -0.85 0.00	29.85 -0.98 0.00	32.11 -1.09 0.00	33.98 -1.16 0.00	40.70 -1.40 0.00	47.32 -1.54 0.00	46.73 -1.59 0.00	41.61 -1.42 0.00	27.07 -0.88 0.00	38.06 -1.30 0.00	42.87 -1.50 0.00	38.71 -1.30 0.00	31.85 -1.06 0.00	28.84 -0.95 0.00	30.51 -1.00 0.00
SITHE____MASSENA 23902	26.39 -0.07 0.00	24.94 -0.15 0.00	22.57 -0.17 0.00	21.45 -0.17 0.00	19.66 -0.16 0.00	20.45 -0.17 0.00	23.54 -0.18 0.00	21.30 -0.23 0.00	22.95 -0.23 0.00	26.32 -0.30 0.00	29.25 -0.52 1.06	19.57 -0.55 13.07	23.39 -0.56 11.18	26.38 -0.63 15.09	42.52 -0.85 5.50	31.61 -0.87 15.84	27.43 -0.85 14.75	17.95 -0.58 9.42	27.55 -0.68 11.12	38.53 -0.71 5.12	39.50 -0.51 0.00	32.69 -0.22 0.00	29.60 -0.19 0.00	31.27 -0.23 0.00
SITHE____OGDNSBRG 24021	26.60 0.15 0.00	25.12 0.02 0.00	22.71 -0.03 0.00	21.56 -0.06 0.00	19.77 -0.05 0.00	20.57 -0.05 0.00	23.70 -0.02 0.00	21.45 -0.08 0.00	23.09 -0.10 0.00	26.40 -0.21 0.00	28.89 -0.50 1.45	14.87 -0.49 17.82	19.46 -0.43 15.25	21.21 -0.31 20.58	41.62 -0.46 6.79	27.90 -0.58 19.85	21.86 -0.76 20.41	14.05 -0.55 13.35	23.58 -0.61 15.17	36.80 -0.58 6.99	39.81 -0.20 0.00	32.99 0.08 0.00	29.88 0.09 0.00	31.51 0.00 0.00
SITHE____STERLING 23777	27.10 0.64 0.00	25.65 0.56 0.00	23.19 0.45 0.00	22.01 0.39 0.00	20.21 0.39 0.00	21.06 0.44 0.00	24.29 0.57 0.00	22.08 0.55 0.00	23.79 0.60 0.00	27.23 0.61 0.00	32.01 0.69 -0.48	39.95 0.80 -5.97	41.31 1.08 -5.10	50.29 1.30 -6.89	53.21 1.61 -2.74	57.71 1.61 -7.78	51.54 1.43 -7.08	34.65 0.89 -5.80	45.52 1.08 -5.08	48.04 1.34 -2.34	41.27 1.26 0.00	33.91 1.01 0.00	30.64 0.85 0.00	32.33 0.83 0.00
SLEIGHT__34_KV_TB1 80719	27.25 0.80 0.00	25.48 0.39 0.00	22.95 0.21 0.00	21.83 0.21 0.00	19.93 0.10 0.00	20.90 0.29 0.00	24.15 0.43 0.00	21.94 0.41 0.00	23.69 0.50 0.00	27.19 0.58 0.00	31.55 0.71 0.00	34.14 0.95 0.00	36.83 1.69 0.00	43.50 1.40 0.00	50.01 1.14 0.00	49.16 0.84 0.00	44.94 0.81 -1.09	31.93 0.59 -3.38	40.84 0.86 -0.62	45.28 0.91 0.00	40.92 0.91 0.00	33.56 0.65 0.00	30.33 0.55 0.00	32.04 0.53 0.00
SOUTH CAIRO____GT 23612	28.06 1.61 0.00	26.67 1.58 0.00	24.23 1.49 0.00	23.07 1.46 0.00	21.15 1.33 0.00	22.01 1.39 0.00	25.33 1.61 0.00	23.56 1.44 -0.59	25.30 1.45 -0.67	28.68 2.06 0.00	33.28 2.45 0.00	35.42 2.23 0.00	37.19 2.05 0.00	44.61 2.51 0.00	51.74 2.87 0.00	51.34 3.02 0.00	64.74 2.90 -18.81	88.40 2.21 -58.24	53.07 3.03 -10.68	47.82 3.46 0.00	42.86 2.86 0.00	35.03 2.12 0.00	31.58 1.80 0.00	33.40 1.90 0.00
SOUTH HAMPTN____IC 23720	29.29 2.84 0.00	27.79 2.70 0.00	25.23 2.49 0.00	23.84 2.22 0.00	21.87 2.04 0.00	22.67 2.05 0.00	26.03 2.31 0.00	27.36 2.23 -3.59	29.70 2.46 -4.06	29.30 2.68 0.00	35.01 4.09 -0.09	37.74 4.55 0.00	39.86 4.72 0.00	47.90 5.80 0.00	57.83 7.06 -1.90	55.41 6.86 -0.23	60.50 6.32 -11.14	92.02 4.17 -59.89	116.87 5.76 -71.75	64.41 5.83 -14.22	84.55 5.23 -39.31	51.42 3.70 -14.81	40.26 3.43 -7.04	37.43 3.97 -1.95
SOUTHDOW_115KV_TB1 355954	27.50 1.05 0.00	25.89 0.80 0.00	22.57 -0.17 0.00	21.30 -0.32 0.00	19.39 -0.44 0.00	20.41 -0.21 0.00	23.68 0.07 0.11	21.69 0.15 0.00	23.62 0.44 0.00	27.09 0.47 0.00	31.30 0.47 0.00	32.45 0.01 0.75	28.48 -0.02 6.64	37.63 -0.11 4.35	45.27 -0.05 3.54	45.16 -0.09 3.08	44.13 -0.12 -1.21	33.93 0.13 -5.84	40.64 0.21 -1.07	44.21 -0.15 0.00	40.74 0.73 0.00	33.77 0.86 0.00	30.75 0.96 0.00	32.82 1.32 0.00
SOUTHOLD_69_KV_BK 2 55809	30.04 3.59 0.00	28.48 3.38 0.00	25.81 3.07 0.00	24.38 2.75 0.00	22.36 2.53 0.00	23.19 2.57 0.00	26.66 2.94 0.00	27.96 2.84 -3.59	30.37 3.13 -4.06	29.34 2.72 0.00	35.44 4.52 -0.09	38.29 5.10 0.00	40.49 5.35 0.00	48.65 6.55 0.00	58.70 7.93 -1.91	56.21 7.66 -0.23	61.16 6.99 -11.14	92.47 4.62 -59.89	117.53 6.38 -71.78	65.04 6.44 -14.24	85.76 6.41 -39.35	52.48 4.76 -14.81	41.18 4.36 -7.04	38.35 4.89 -1.95

SOUTHOLD___IC 23719	30.04 3.58 0.00	28.48 3.38 0.00	25.81 3.07 0.00	24.38 2.76 0.00	22.36 2.53 0.00	23.19 2.57 0.00	26.66 2.94 0.00	27.97 2.84 -3.59	30.37 3.13 -4.06	29.34 2.72 0.00	35.44 4.52 -0.09	38.29 5.10 0.00	40.47 5.33 0.00	48.64 6.54 0.00	58.70 7.92 -1.91	56.21 7.66 -0.23	61.17 6.99 -11.14	92.47 4.62 -59.89	117.53 6.39 -71.78	65.05 6.44 -14.24	85.76 6.40 -39.35	52.48 4.77 -14.81	41.18 4.35 -7.04	38.35 4.89 -1.95
SPIERFLS_115KV_TB 1 80737	28.15 1.70 0.00	26.84 1.74 0.00	24.39 1.65 0.00	23.16 1.54 0.00	21.26 1.43 0.00	22.11 1.49 0.00	25.55 1.83 0.00	24.01 1.67 -0.80	25.88 1.79 -0.90	28.72 2.11 0.00	33.20 2.37 0.00	35.87 2.68 0.00	38.14 3.00 0.00	45.78 3.69 0.00	53.19 4.32 0.00	52.99 4.67 0.00	82.38 4.51 -34.84	138.53 2.95 -107.63	63.20 4.10 -19.74	48.68 4.32 0.00	43.96 3.74 -0.20	38.46 2.55 -3.00	33.44 2.15 -1.51	33.99 2.14 -0.34
ST LAWRENCE___ 23600	26.14 -0.31 0.00	24.73 -0.37 0.00	22.38 -0.36 0.00	21.27 -0.34 0.00	19.50 -0.33 0.00	20.30 -0.32 0.00	23.35 -0.37 0.00	21.13 -0.40 0.00	22.79 -0.39 0.00	26.13 -0.48 0.00	29.21 -0.69 0.93	20.99 -0.74 11.46	24.53 -0.80 9.81	27.94 -0.92 13.23	42.40 -1.21 5.25	32.20 -1.20 14.93	29.08 -1.11 12.84	18.95 -0.75 8.26	28.69 -0.91 9.76	38.90 -0.97 4.49	39.22 -0.79 0.00	32.43 -0.48 0.00	29.36 -0.43 0.00	31.02 -0.49 0.00
STATE_CA_115KV_115_LB 55624	27.14 0.69 0.00	25.82 0.72 0.00	23.50 0.76 0.00	22.37 0.75 0.00	20.52 0.69 0.00	21.30 0.68 0.00	24.90 1.18 0.00	23.66 1.36 -0.77	25.55 1.49 -0.87	28.42 1.81 0.00	32.98 2.15 0.00	35.54 2.35 0.00	37.88 2.74 0.00	44.73 2.63 0.00	50.69 1.82 0.00	50.13 1.81 0.00	71.64 1.81 -26.80	111.92 1.16 -82.80	56.10 1.55 -15.19	45.99 1.63 0.00	41.45 1.23 -0.21	36.86 0.85 -3.11	32.05 0.70 -1.56	32.63 0.77 -0.35
STATE_ST_34_KV_LOAD 55959	27.20 0.75 0.00	25.39 0.29 0.00	22.97 0.23 0.00	21.87 0.26 0.00	19.97 0.14 0.00	20.89 0.27 0.00	24.10 0.35 -0.03	21.82 0.28 0.00	23.50 0.31 0.00	26.95 0.34 0.00	31.26 0.43 0.00	34.02 0.60 -0.23	38.67 1.45 -2.08	44.17 0.88 -1.20	50.43 0.66 -0.90	49.86 0.75 -0.79	44.98 0.62 -1.32	31.97 0.46 -3.56	40.69 0.68 -0.65	45.23 0.86 0.00	40.87 0.86 0.00	33.45 0.54 0.00	30.31 0.53 0.00	32.00 0.50 0.00
STATION 5_MISC_HYD 23604	26.78 0.33 0.00	25.25 0.15 0.00	22.51 -0.23 0.00	21.37 -0.25 0.00	19.52 -0.30 0.00	20.50 -0.12 0.00	23.66 -0.06 0.00	21.48 -0.05 0.00	23.38 0.19 0.00	26.84 0.22 0.00	31.05 0.22 0.00	33.17 -0.02 0.00	35.04 -0.10 0.00	41.62 -0.48 0.00	48.32 -0.55 0.00	47.73 -0.59 0.00	43.82 -0.39 -1.18	31.44 -0.16 -3.64	39.66 -0.37 -0.67	43.73 -0.63 0.00	39.69 -0.32 0.00	32.84 -0.07 0.00	29.80 0.02 0.00	31.67 0.16 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.85 0.40 0.00	25.27 0.17 0.00	22.61 -0.13 0.00	21.48 -0.14 0.00	19.64 -0.19 0.00	20.60 -0.02 0.00	23.78 0.06 0.00	21.63 0.09 0.00	23.46 0.28 0.00	26.94 0.32 0.00	31.19 0.36 0.00	33.50 0.31 0.00	35.63 0.49 0.00	42.32 0.23 0.00	49.00 0.13 0.00	48.25 -0.08 0.00	44.25 0.06 -1.15	31.64 0.13 -3.55	40.16 0.15 -0.65	44.37 0.00 0.00	40.17 0.16 0.00	33.11 0.20 0.00	29.98 0.20 0.00	31.76 0.25 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.59 0.14 0.00	25.08 -0.02 0.00	22.37 -0.37 0.00	21.26 -0.36 0.00	19.42 -0.41 0.00	20.37 -0.24 0.00	23.52 -0.20 0.00	21.36 -0.17 0.00	23.25 0.06 0.00	26.70 0.08 0.00	30.90 0.07 0.00	33.04 -0.15 0.00	34.91 -0.23 0.00	41.51 -0.59 0.00	48.20 -0.67 0.00	47.61 -0.71 0.00	43.70 -0.50 -1.16	31.30 -0.25 -3.59	39.55 -0.47 -0.66	43.61 -0.75 0.00	39.54 -0.47 0.00	32.69 -0.22 0.00	29.64 -0.15 0.00	31.48 -0.03 0.00
STA_56___34_KV_BUS2 355983	26.59 0.14 0.00	25.08 -0.02 0.00	22.37 -0.37 0.00	21.26 -0.36 0.00	19.42 -0.41 0.00	20.37 -0.24 0.00	23.52 -0.20 0.00	21.36 -0.17 0.00	23.25 0.06 0.00	26.70 0.08 0.00	30.90 0.07 0.00	33.04 -0.15 0.00	34.91 -0.23 0.00	41.51 -0.59 0.00	48.20 -0.67 0.00	47.61 -0.71 0.00	43.70 -0.50 -1.16	31.30 -0.25 -3.59	39.55 -0.47 -0.66	43.61 -0.75 0.00	39.54 -0.47 0.00	32.69 -0.22 0.00	29.64 -0.15 0.00	31.48 -0.03 0.00
STA_67___115KV_BK2 355882	26.71 0.26 0.00	25.19 0.09 0.00	22.46 -0.28 0.00	21.33 -0.29 0.00	19.48 -0.35 0.00	20.45 -0.17 0.00	23.61 -0.12 0.00	21.42 -0.11 0.00	23.30 0.12 0.00	26.74 0.13 0.00	30.94 0.11 0.00	33.03 -0.15 0.00	34.87 -0.27 0.00	41.46 -0.64 0.00	48.15 -0.72 0.00	47.57 -0.76 0.00	43.65 -0.56 -1.18	31.32 -0.27 -3.63	39.52 -0.50 -0.67	43.59 -0.78 0.00	39.57 -0.44 0.00	32.73 -0.18 0.00	29.71 -0.08 0.00	31.58 0.07 0.00
STA_7___115KV_9TRANS 80674	26.94 0.49 0.00	25.39 0.29 0.00	22.62 -0.12 0.00	21.49 -0.13 0.00	19.63 -0.20 0.00	20.61 -0.01 0.00	23.80 0.08 0.00	21.61 0.07 0.00	23.51 0.33 0.00	27.01 0.40 0.00	31.26 0.43 0.00	33.42 0.23 0.00	35.27 0.13 0.00	41.93 -0.17 0.00	48.68 -0.19 0.00	48.11 -0.22 0.00	44.16 -0.05 -1.18	31.65 0.05 -3.64	39.98 -0.05 -0.67	44.08 -0.29 0.00	39.98 -0.03 0.00	33.06 0.15 0.00	29.98 0.20 0.00	31.85 0.35 0.00
STA_82___115KV_TB1 80780	26.73 0.28 0.00	25.21 0.11 0.00	22.47 -0.28 0.00	21.34 -0.28 0.00	19.49 -0.33 0.00	20.46 -0.16 0.00	23.62 -0.10 0.00	21.44 -0.10 0.00	23.32 0.13 0.00	26.77 0.15 0.00	30.97 0.14 0.00	33.06 -0.13 0.00	34.90 -0.24 0.00	41.49 -0.61 0.00	48.17 -0.70 0.00	47.59 -0.74 0.00	43.70 -0.52 -1.18	31.36 -0.25 -3.66	39.55 -0.48 -0.67	43.62 -0.75 0.00	39.59 -0.42 0.00	32.76 -0.15 0.00	29.72 -0.06 0.00	31.60 0.10 0.00
STEEL___WIND 323596	26.90 0.45 0.00	25.34 0.24 0.00	22.34 -0.40 0.00	21.15 -0.46 0.00	19.21 -0.62 0.00	20.24 -0.37 0.00	23.20 -0.31 0.21	21.21 -0.33 0.00	23.17 -0.01 0.00	26.56 -0.05 0.00	30.67 -0.16 0.00	31.09 -0.65 1.45	21.45 -0.85 12.84	32.32 -1.38 8.39	40.58 -1.48 6.81	40.83 -1.57 5.92	42.03 -1.42 -0.42	32.57 -0.70 -5.31	39.20 -1.13 -0.97	42.81 -1.56 0.00	39.13 -0.88 0.00	32.55 -0.36 0.00	29.71 -0.08 0.00	31.73 0.23 0.00
STEPHTWN_115KV_BK_2 55603	27.27 0.82 0.00	25.87 0.78 0.00	23.54 0.79 0.00	22.39 0.77 0.00	20.53 0.71 0.00	21.36 0.74 0.00	24.62 0.90 0.00	23.17 0.80 -0.84	24.99 0.85 -0.95	27.70 1.09 0.00	32.11 1.28 0.00	34.64 1.46 0.00	36.57 1.44 0.00	43.95 1.86 0.00	50.86 2.00 0.00	50.37 2.04 0.00	68.49 2.03 -23.42	101.64 1.32 -72.37	54.46 1.83 -13.27	46.33 1.97 0.00	41.67 1.45 -0.21	37.08 1.03 -3.13	32.23 0.87 -1.57	32.86 0.99 -0.36
STEUBEN_REC_LFGE 323667	27.03 0.57 0.00	25.70 0.60 0.00	22.77 0.03 0.00	21.32 -0.30 0.00	19.28 -0.54 0.00	20.26 -0.36 0.00	23.90 -0.28 -0.46	21.25 -0.28 0.00	22.93 -0.25 0.00	26.26 -0.35 0.00	30.27 -0.57 0.00	35.74 -0.68 -3.23	63.08 -0.75 -28.70	58.90 -1.78 -18.58	61.92 -1.95 -15.00	59.23 -2.13 -13.04	46.61 -1.63 -5.20	34.78 -0.39 -7.21	40.60 -0.08 -1.32	44.35 -0.01 0.00	40.66 0.65 0.00	33.69 0.79 0.00	30.58 0.79 0.00	32.47 0.96 0.00

STONY___BROOK 24151	28.87 2.42 0.00	27.44 2.34 0.00	24.94 2.19 0.00	23.56 1.94 0.00	21.62 1.79 0.00	22.40 1.79 0.00	25.70 1.98 0.00	27.01 1.88 -3.59	29.28 2.03 -4.06	28.92 2.31 0.00	34.41 3.50 -0.09	37.02 3.83 0.00	39.16 4.03 0.00	46.82 4.71 -0.01	58.28 5.63 -3.79	54.26 5.41 -0.53	59.53 5.23 -11.27	91.31 3.46 -59.90	124.42 4.75 -80.31	70.53 4.73 -21.44	92.62 4.23 -48.39	50.65 2.86 -14.88	39.65 2.80 -7.06	36.84 3.39 -1.95
STURGEON_POOL_HYD 23609	27.89 1.43 0.00	26.49 1.39 0.00	24.05 1.31 0.00	22.83 1.21 0.00	20.93 1.10 0.00	21.67 1.05 0.00	24.97 1.25 0.00	23.03 1.49 0.00	24.87 1.68 0.00	28.64 2.03 0.00	33.48 2.65 0.00	36.30 3.11 0.00	38.72 3.58 0.00	46.27 4.17 0.00	53.78 4.91 0.00	53.03 4.70 0.00	59.87 4.19 -12.64	70.04 2.98 -39.10	50.63 4.10 -7.17	48.40 4.04 0.00	42.96 2.95 0.00	35.11 2.20 0.00	31.71 1.92 0.00	33.50 1.99 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.76 1.31 0.00	26.37 1.28 0.00	23.93 1.19 0.00	22.71 1.10 0.00	20.83 1.00 0.00	21.58 0.97 0.00	24.88 1.16 0.00	19.32 1.14 3.35	20.63 1.24 3.79	28.21 1.59 0.00	32.91 2.08 0.00	35.53 2.35 0.00	37.69 2.55 0.00	45.05 2.96 0.00	52.39 3.52 0.00	51.95 3.63 0.00	56.37 3.46 -9.88	60.73 2.26 -30.51	48.02 3.07 -5.60	47.46 3.10 0.00	41.73 2.55 0.84	22.47 1.90 12.33	25.27 1.69 6.20	31.89 1.79 1.41
SWANROAD_115KV_TB1 355699	26.23 -0.23 0.00	24.68 -0.41 0.00	21.77 -0.97 0.00	20.66 -0.96 0.00	18.80 -1.03 0.00	19.84 -0.78 0.00	22.74 -0.82 0.16	20.63 -0.90 0.00	22.54 -0.65 0.00	25.77 -0.85 0.00	29.72 -1.12 0.00	30.38 -1.71 1.10	23.68 -1.77 9.68	33.17 -2.59 6.34	40.73 -2.97 5.16	40.76 -3.08 4.48	40.64 -2.95 -0.56	30.99 -1.77 -4.80	37.59 -2.65 -0.88	41.14 -3.22 0.00	37.64 -2.38 0.00	31.42 -1.49 0.00	28.73 -1.06 0.00	30.83 -0.67 0.00
SYNERGY___BIOGAS 323694	27.34 0.89 0.00	25.73 0.63 0.00	22.76 0.02 0.00	21.60 -0.02 0.00	19.69 -0.14 0.00	20.76 0.14 0.00	23.90 0.28 0.10	21.74 0.20 0.00	23.72 0.54 0.00	27.18 0.56 0.00	31.39 0.56 0.00	32.82 0.36 0.72	29.06 0.33 6.41	37.82 -0.06 4.21	45.28 -0.16 3.43	44.94 -0.41 2.98	43.34 -0.44 -0.74	32.16 -0.12 -4.33	39.83 -0.32 -0.79	43.91 -0.45 0.00	40.06 0.05 0.00	33.29 0.38 0.00	30.27 0.48 0.00	32.25 0.74 0.00
SYRACUSE___ENERGY_ST1 323597	26.53 0.08 0.00	24.90 -0.20 0.00	22.53 -0.21 0.00	21.44 -0.18 0.00	19.66 -0.17 0.00	20.50 -0.12 0.00	23.58 -0.14 0.00	21.44 -0.09 0.00	23.08 -0.10 0.00	26.46 -0.15 0.00	30.69 -0.14 0.00	33.20 0.02 0.00	35.84 0.70 0.00	42.32 0.23 0.00	48.87 0.00 0.00	48.13 -0.19 0.00	42.80 -0.24 0.00	27.86 -0.10 0.00	39.20 -0.16 0.00	44.15 -0.21 0.00	39.84 -0.17 0.00	32.74 -0.17 0.00	29.63 -0.16 0.00	31.32 -0.19 0.00
SYRACUSE___ENERGY_ST2 323598	26.53 0.08 0.00	24.90 -0.20 0.00	22.53 -0.21 0.00	21.44 -0.18 0.00	19.66 -0.17 0.00	20.50 -0.12 0.00	23.58 -0.14 0.00	21.44 -0.09 0.00	23.08 -0.10 0.00	26.46 -0.15 0.00	30.69 -0.14 0.00	33.20 0.02 0.00	35.84 0.70 0.00	42.32 0.23 0.00	48.87 0.00 0.00	48.13 -0.19 0.00	42.80 -0.24 0.00	27.86 -0.10 0.00	39.20 -0.16 0.00	44.15 -0.21 0.00	39.84 -0.17 0.00	32.74 -0.17 0.00	29.63 -0.16 0.00	31.32 -0.19 0.00
SYRACUSE___POWER 24017	26.50 0.04 0.00	25.03 -0.06 0.00	22.61 -0.13 0.00	21.50 -0.12 0.00	19.73 -0.10 0.00	20.56 -0.05 0.00	23.67 -0.05 0.00	21.53 0.00 0.00	23.18 -0.01 0.00	26.57 -0.04 0.00	30.82 -0.02 0.00	33.24 0.05 0.00	35.42 0.28 0.00	42.25 0.16 0.00	49.01 0.14 0.00	48.39 0.07 0.00	44.00 -0.02 -0.98	31.03 0.04 -3.03	39.91 0.00 -0.56	44.31 -0.05 0.00	39.98 -0.03 0.00	32.87 -0.03 0.00	29.73 -0.06 0.00	31.44 -0.07 0.00
TALLMAN__138KV_BK151 55660	27.94 1.48 0.00	26.54 1.45 0.00	24.10 1.36 0.00	22.86 1.24 0.00	20.97 1.14 0.00	21.72 1.10 0.00	25.03 1.31 0.00	18.26 1.31 4.59	19.42 1.41 5.18	28.42 1.81 0.00	33.23 2.40 0.00	35.87 2.68 0.00	38.01 2.87 0.00	45.40 3.31 0.00	52.82 3.96 0.00	52.43 4.10 0.00	57.16 3.90 -10.22	62.09 2.54 -31.59	48.58 3.43 -5.79	47.81 3.44 0.00	41.77 2.87 1.11	18.66 2.12 16.37	23.47 1.91 8.23	31.68 2.05 1.87
TEALLAVE_115KV_TB7 355573	26.32 -0.13 0.00	24.90 -0.20 0.00	22.49 -0.25 0.00	21.39 -0.23 0.00	19.63 -0.20 0.00	20.46 -0.16 0.00	23.55 -0.17 0.00	21.42 -0.11 0.00	23.06 -0.13 0.00	26.42 -0.19 0.00	30.66 -0.17 0.00	33.03 -0.16 0.00	35.12 -0.02 0.00	41.93 -0.16 0.00	48.71 -0.16 0.00	48.05 -0.27 0.00	42.72 -0.32 0.00	27.80 -0.16 0.00	39.08 -0.28 0.00	43.98 -0.39 0.00	39.70 -0.31 0.00	32.65 -0.26 0.00	29.53 -0.26 0.00	31.24 -0.27 0.00
TELGRAPH_34_KV_EAST 80808	26.82 0.37 0.00	25.24 0.14 0.00	22.29 -0.45 0.00	21.15 -0.46 0.00	19.26 -0.57 0.00	20.32 -0.30 0.00	23.35 -0.25 0.13	21.22 -0.32 0.00	23.19 0.01 0.00	26.54 -0.07 0.00	30.64 -0.19 0.00	31.63 -0.65 0.90	26.41 -0.72 8.01	35.54 -1.31 5.25	43.12 -1.47 4.27	42.96 -1.66 3.71	42.10 -1.59 -0.65	31.62 -0.86 -4.53	38.82 -1.37 -0.83	42.60 -1.77 0.00	38.90 -1.11 0.00	32.40 -0.52 0.00	29.54 -0.24 0.00	31.60 0.09 0.00
TEMPLE___115KV_TB 2 55572	26.35 -0.11 0.00	24.92 -0.17 0.00	22.51 -0.23 0.00	21.41 -0.21 0.00	19.65 -0.18 0.00	20.48 -0.13 0.00	23.57 -0.15 0.00	21.44 -0.09 0.00	23.08 -0.10 0.00	26.47 -0.15 0.00	30.69 -0.14 0.00	33.08 -0.10 0.00	35.16 0.02 0.00	41.99 -0.10 0.00	48.76 -0.10 0.00	48.12 -0.21 0.00	42.78 -0.26 0.00	27.84 -0.12 0.00	39.13 -0.23 0.00	44.03 -0.33 0.00	39.74 -0.27 0.00	32.68 -0.23 0.00	29.56 -0.23 0.00	31.27 -0.24 0.00
TIANA____69_KV_BK 1 55817	29.13 2.68 0.00	27.64 2.55 0.00	25.10 2.36 0.00	23.71 2.09 0.00	21.76 1.93 0.00	22.55 1.94 0.00	25.89 2.17 0.00	27.22 2.09 -3.59	29.54 2.30 -4.06	29.14 2.53 0.00	34.79 3.87 -0.09	37.49 4.30 0.00	39.62 4.48 0.00	47.59 5.49 0.00	57.49 6.71 -1.91	55.06 6.51 -0.23	60.22 6.05 -11.14	91.85 4.00 -59.89	116.66 5.52 -71.78	64.16 5.57 -14.23	84.31 4.96 -39.34	51.21 3.49 -14.81	40.08 3.26 -7.04	37.25 3.79 -1.95
TILDEN___115KV_TB1 80814	26.50 0.04 0.00	25.03 -0.06 0.00	22.61 -0.13 0.00	21.50 -0.12 0.00	19.73 -0.10 0.00	20.56 -0.05 0.00	23.67 -0.05 0.00	21.53 0.00 0.00	23.18 -0.01 0.00	26.57 -0.04 0.00	30.82 -0.02 0.00	33.24 0.05 0.00	35.42 0.28 0.00	42.25 0.16 0.00	49.01 0.14 0.00	48.39 0.07 0.00	44.00 -0.02 -0.98	31.03 0.04 -3.03	39.91 0.00 -0.56	44.31 -0.05 0.00	39.98 -0.03 0.00	32.87 -0.03 0.00	29.73 -0.06 0.00	31.44 -0.07 0.00
TRIGEN___CC 323695	28.52 2.06 0.00	27.06 1.96 0.00	24.59 1.85 0.00	23.28 1.66 0.00	21.37 1.55 0.00	22.14 1.52 0.00	25.44 1.73 0.00	26.80 1.67 -3.59	29.03 1.78 -4.06	28.74 2.12 0.00	33.98 3.05 -0.09	36.48 3.29 0.00	38.61 3.47 0.00	46.15 4.06 0.00	54.24 4.91 -0.47	53.16 4.84 0.00	58.66 4.59 -11.04	90.85 3.01 -59.88	108.75 4.11 -65.28	57.25 4.14 -8.75	76.01 3.56 -32.45	62.12 2.60 -26.61	43.15 2.45 -10.91	36.22 2.76 -1.95

TRINITY__115KV__4 BK 55933	27.02 0.57 0.00	25.71 0.61 0.00	23.41 0.67 0.00	22.29 0.67 0.00	20.45 0.62 0.00	21.22 0.60 0.00	24.39 0.67 0.00	22.94 0.56 -0.84	24.72 0.58 -0.95	27.40 0.78 0.00	31.72 0.89 0.00	34.13 0.94 0.00	36.17 1.03 0.00	43.39 1.29 0.00	50.30 1.44 0.00	49.76 1.44 0.00	68.49 1.48 -23.98	102.98 0.94 -74.08	54.22 1.27 -13.59	45.71 1.35 0.00	41.20 0.98 -0.21	36.70 0.66 -3.14	31.91 0.55 -1.58	32.49 0.62 -0.36
UNION__PROCESSING_DRP 323587	26.75 0.29 0.00	25.22 0.12 0.00	22.48 -0.26 0.00	21.35 -0.27 0.00	19.50 -0.33 0.00	20.47 -0.14 0.00	23.63 -0.09 0.00	21.45 -0.09 0.00	23.33 0.14 0.00	26.77 0.16 0.00	30.98 0.15 0.00	33.08 -0.11 0.00	34.92 -0.22 0.00	41.51 -0.59 0.00	48.20 -0.67 0.00	47.62 -0.71 0.00	43.72 -0.50 -1.18	31.38 -0.24 -3.66	39.58 -0.46 -0.67	43.64 -0.72 0.00	39.61 -0.40 0.00	32.77 -0.14 0.00	29.74 -0.04 0.00	31.62 0.11 0.00
UPPER HUDSON__HYD 24058	28.15 1.70 0.00	26.83 1.74 0.00	24.39 1.65 0.00	23.16 1.54 0.00	21.25 1.42 0.00	22.11 1.49 0.00	25.55 1.83 0.00	24.01 1.67 -0.80	25.88 1.79 -0.90	28.72 2.11 0.00	33.20 2.37 0.00	35.87 2.68 0.00	38.13 2.99 0.00	45.78 3.69 0.00	53.18 4.31 0.00	52.99 4.67 0.00	82.38 4.51 -34.84	138.53 2.95 -107.63	63.20 4.10 -19.74	48.69 4.32 0.00	43.96 3.75 -0.20	38.46 2.55 -3.00	33.44 2.15 -1.51	33.99 2.14 -0.34
UPPER RAQUET__HYD 24056	26.00 -0.45 0.00	24.55 -0.55 0.00	22.20 -0.54 0.00	21.06 -0.56 0.00	19.32 -0.51 0.00	20.01 -0.60 0.00	23.03 -0.69 0.00	20.85 -0.68 0.00	22.44 -0.74 0.00	25.69 -0.92 0.00	27.73 -1.41 1.69	10.83 -1.51 20.84	15.74 -1.56 17.84	16.21 -1.82 24.07	39.12 -2.14 7.61	23.82 -2.12 22.39	17.01 -2.01 24.01	10.74 -1.38 15.84	19.82 -1.79 17.74	34.30 -1.89 8.17	38.62 -1.39 0.00	32.06 -0.85 0.00	29.06 -0.72 0.00	30.68 -0.83 0.00
VALLEY44_115KV_TB2 355964	26.97 0.51 0.00	25.53 0.43 0.00	22.61 -0.13 0.00	21.44 -0.18 0.00	19.57 -0.26 0.00	20.62 0.00 0.00	23.89 0.25 0.08	21.74 0.21 0.00	23.57 0.39 0.00	27.01 0.40 0.00	31.11 0.28 0.00	32.43 -0.21 0.55	29.87 -0.41 4.86	38.21 -0.70 3.19	45.58 -0.69 2.60	45.39 -0.68 2.26	43.62 -0.87 -1.46	33.45 -0.55 -6.05	39.64 -0.83 -1.11	43.10 -1.27 0.00	39.22 -0.78 0.00	32.55 -0.36 0.00	29.70 -0.09 0.00	31.73 0.23 0.00
VALLEY__115KV_TB 1-4 80826	26.34 -0.12 0.00	25.07 -0.03 0.00	22.75 0.01 0.00	21.64 0.02 0.00	19.86 0.03 0.00	20.65 0.03 0.00	23.74 0.02 0.00	21.50 -0.04 0.00	23.16 -0.02 0.00	26.65 0.03 0.00	31.21 0.15 -0.22	36.21 0.24 -2.78	37.91 0.39 -2.38	45.83 0.52 -3.21	50.55 0.41 -1.27	52.21 0.26 -3.62	46.87 0.51 -3.32	31.34 0.58 -2.80	42.46 0.73 -2.36	45.99 0.54 -1.09	40.35 0.34 0.00	33.09 0.18 0.00	29.84 0.06 0.00	31.49 -0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	27.58 1.13 0.00	26.18 1.08 0.00	23.71 0.97 0.00	22.52 0.89 0.00	20.64 0.81 0.00	21.49 0.87 0.00	24.72 1.00 0.00	22.48 0.94 0.00	24.23 1.04 0.00	27.86 1.24 0.00	32.38 1.55 0.00	34.89 1.70 0.00	36.90 1.76 0.00	44.19 2.10 0.00	51.35 2.49 0.00	50.89 2.57 0.00	53.12 2.31 -7.78	53.53 1.54 -24.03	45.89 2.12 -4.41	46.67 2.31 0.00	42.02 2.01 0.00	34.43 1.52 0.00	31.12 1.34 0.00	32.92 1.41 0.00
VISCHER__FERRY HYD 24020	27.46 1.00 0.00	26.13 1.04 0.00	23.79 1.05 0.00	22.65 1.03 0.00	20.77 0.94 0.00	21.57 0.96 0.00	24.82 1.11 0.00	23.34 0.95 -0.85	25.15 1.00 -0.96	27.83 1.22 0.00	32.20 1.37 0.00	34.74 1.55 0.00	36.86 1.72 0.00	44.21 2.12 0.00	51.18 2.32 0.00	50.65 2.32 0.00	75.93 2.30 -30.61	123.99 1.48 -94.55	58.74 2.04 -17.34	46.58 2.22 0.00	42.02 1.79 -0.22	37.39 1.30 -3.18	32.48 1.09 -1.60	33.02 1.15 -0.36
V_A_10_SYNC_DSASP 323832	26.36 -0.10 0.00	24.85 -0.25 0.00	22.03 -0.72 0.00	20.92 -0.70 0.00	19.06 -0.77 0.00	20.06 -0.56 0.00	23.06 -0.56 0.10	20.97 -0.56 0.00	22.88 -0.31 0.00	26.20 -0.42 0.00	30.23 -0.61 0.00	31.35 -1.12 0.71	27.41 -1.40 6.33	35.98 -1.97 4.15	43.28 -2.22 3.37	43.08 -2.31 2.93	41.76 -1.99 -0.72	31.01 -1.17 -4.22	38.34 -1.79 -0.77	42.11 -2.26 0.00	38.38 -1.63 0.00	31.90 -1.01 0.00	29.07 -0.71 0.00	31.06 -0.45 0.00
V_CMM_10_SYNC_DSASP 323787	26.26 -0.20 0.00	24.83 -0.27 0.00	22.48 -0.26 0.00	21.37 -0.26 0.00	19.58 -0.25 0.00	20.38 -0.24 0.00	23.45 -0.27 0.00	21.23 -0.31 0.00	22.89 -0.30 0.00	26.24 -0.37 0.00	29.33 -0.57 0.93	21.13 -0.60 11.46	24.68 -0.65 9.81	28.12 -0.74 13.23	42.61 -1.01 5.25	32.39 -1.00 14.93	29.26 -0.94 12.84	19.07 -0.63 8.26	28.84 -0.76 9.76	39.08 -0.79 4.49	39.38 -0.63 0.00	32.56 -0.35 0.00	29.48 -0.31 0.00	31.15 -0.35 0.00
V_CMP_10_SYNC_DSASP 323788	27.60 1.15 0.00	26.00 0.91 0.00	23.44 0.70 0.00	22.20 0.58 0.00	20.32 0.49 0.00	21.11 0.49 0.00	24.33 0.61 0.00	22.02 0.48 0.00	23.71 0.52 0.00	27.21 0.59 0.00	29.61 -0.23 0.98	21.00 -0.10 12.09	24.34 -0.45 10.35	26.98 -1.16 13.96	29.17 -2.22 17.48	1.37 -1.93 45.03	28.54 -0.91 13.59	7.53 -0.96 19.46	28.80 -0.27 10.29	38.70 -0.93 4.74	39.41 -0.60 0.00	33.27 0.36 0.00	30.19 0.41 0.00	32.08 0.57 0.00
V_E_10_SYNC_DSASP 323830	28.61 2.16 0.00	26.96 1.86 0.00	24.32 1.58 0.00	23.06 1.44 0.00	21.16 1.33 0.00	22.15 1.53 0.00	25.66 1.91 -0.04	23.23 1.70 0.00	24.93 1.74 0.00	28.51 1.90 0.00	32.96 2.13 0.00	35.78 2.34 -0.25	39.79 2.43 -2.23	46.44 2.93 -1.41	53.68 3.69 -1.13	53.06 3.75 -0.98	51.59 4.05 -4.51	44.13 2.91 -13.26	45.90 4.11 -2.43	48.71 4.34 0.00	43.96 3.95 0.00	36.06 3.15 0.00	32.51 2.72 0.00	34.23 2.73 0.00
V_F_30_NSYNC__DSASP 323816	28.00 1.55 0.00	26.63 1.53 0.00	24.21 1.47 0.00	23.02 1.40 0.00	21.11 1.28 0.00	21.95 1.34 0.00	25.32 1.60 0.00	23.78 1.44 -0.81	25.64 1.54 -0.91	28.45 1.84 0.00	32.92 2.09 0.00	35.50 2.31 0.00	37.72 2.58 0.00	45.26 3.17 0.00	52.46 3.59 0.00	52.08 3.75 0.00	80.96 3.62 -34.30	136.29 2.37 -105.96	62.08 3.29 -19.43	47.84 3.47 0.00	43.15 2.94 -0.20	38.08 2.14 -3.03	33.12 1.82 -1.52	33.70 1.85 -0.35
V_F_30_SYNC_DSASP 323786	27.14 0.69 0.00	25.82 0.72 0.00	23.50 0.76 0.00	22.37 0.75 0.00	20.52 0.69 0.00	21.30 0.68 0.00	24.42 0.70 0.00	22.96 0.58 -0.84	24.76 0.62 -0.96	27.44 0.83 0.00	31.78 0.95 0.00	34.20 1.02 0.00	36.27 1.13 0.00	43.60 1.50 0.00	50.68 1.81 0.00	50.11 1.79 0.00	71.41 1.80 -26.57	111.22 1.16 -82.10	55.97 1.55 -15.06	45.99 1.62 0.00	41.44 1.22 -0.21	36.86 0.84 -3.11	32.05 0.70 -1.56	32.63 0.77 -0.35
V_XM_10_SYNC_DSASP 323789	27.60 1.15 0.00	26.00 0.91 0.00	23.44 0.70 0.00	22.20 0.58 0.00	20.32 0.49 0.00	21.11 0.49 0.00	24.33 0.61 0.00	22.02 0.48 0.00	23.71 0.52 0.00	27.21 0.59 0.00	29.61 -0.23 0.98	21.00 -0.10 12.09	24.34 -0.45 10.35	26.98 -1.16 13.96	29.17 -2.22 17.48	1.37 -1.93 45.03	28.54 -0.91 13.59	7.53 -0.96 19.46	28.80 -0.27 10.29	38.70 -0.93 4.74	39.41 -0.60 0.00	33.27 0.36 0.00	30.19 0.41 0.00	32.08 0.57 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.04 1.58 0.00	26.64 1.54 0.00	24.18 1.44 0.00	22.94 1.32 0.00	21.03 1.20 0.00	21.79 1.18 0.00	25.12 1.40 0.00	18.02 1.39 4.90	19.15 1.50 5.54	28.53 1.91 0.00	33.34 2.51 0.00	36.00 2.82 0.00	38.17 3.03 0.00	45.59 3.50 0.00	53.03 4.17 0.00	52.63 4.31 0.00	57.41 4.07 -10.30	62.45 2.66 -31.83	48.79 3.60 -5.84	47.99 3.62 0.00	41.93 3.05 1.13	18.50 2.26 16.67	23.44 2.04 8.38	31.77 2.17 1.90
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.33 1.87 0.00	26.89 1.79 0.00	24.39 1.65 0.00	23.13 1.52 0.00	21.24 1.41 0.00	22.01 1.39 0.00	25.38 1.66 0.00	26.82 1.66 -3.62	29.10 1.82 -4.09	28.89 2.28 0.00	33.72 2.89 0.00	36.39 3.20 0.00	38.56 3.42 0.00	46.08 3.99 0.00	53.59 4.72 0.00	53.07 4.75 0.00	58.29 4.46 -10.80	64.20 2.89 -33.36	49.39 3.92 -6.12	48.36 4.00 0.00	44.20 3.34 -0.85	47.90 2.50 -12.50	38.34 2.27 -6.28	35.39 2.46 -1.43
W50THST__13_KV_LOAD 356117	28.50 2.05 0.00	27.05 1.95 0.00	24.54 1.80 0.00	23.28 1.66 0.00	21.37 1.54 0.00	22.16 1.54 0.00	25.57 1.85 0.00	27.01 1.86 -3.62	29.32 2.04 -4.09	29.14 2.53 0.00	34.03 3.20 0.00	36.72 3.53 0.00	38.91 3.77 0.00	46.49 4.39 0.00	54.06 5.19 0.00	53.52 5.19 0.00	58.69 4.86 -10.80	64.46 3.15 -33.36	49.72 4.25 -6.12	48.69 4.33 0.00	44.49 3.63 -0.85	48.13 2.73 -12.50	38.54 2.47 -6.28	35.59 2.66 -1.43
WADING RIVER_IC_1 23522	28.61 2.16 0.00	27.17 2.07 0.00	24.69 1.95 0.00	23.34 1.72 0.00	21.41 1.58 0.00	22.19 1.58 0.00	25.46 1.74 0.00	26.80 1.68 -3.59	29.06 1.82 -4.06	28.61 2.00 0.00	34.09 3.17 -0.09	36.69 3.50 0.00	38.72 3.58 0.00	46.55 4.45 0.00	56.22 5.49 -1.87	53.85 5.31 -0.22	59.22 5.04 -11.14	91.18 3.34 -59.89	115.56 4.60 -71.60	63.00 4.55 -14.08	83.18 4.03 -39.15	50.43 2.72 -14.80	39.42 2.59 -7.04	36.57 3.11 -1.95
WADING RIVER_IC_2 23547	28.61 2.16 0.00	27.17 2.07 0.00	24.69 1.95 0.00	23.34 1.72 0.00	21.41 1.58 0.00	22.19 1.58 0.00	25.46 1.74 0.00	26.80 1.68 -3.59	29.06 1.82 -4.06	28.61 2.00 0.00	34.09 3.17 -0.09	36.69 3.50 0.00	38.72 3.58 0.00	46.55 4.45 0.00	56.22 5.49 -1.87	53.85 5.31 -0.22	59.22 5.04 -11.14	91.18 3.34 -59.89	115.56 4.60 -71.60	63.00 4.55 -14.08	83.18 4.03 -39.15	50.43 2.72 -14.80	39.42 2.59 -7.04	36.57 3.11 -1.95
WADING RIVER_IC_3 23601	28.61 2.16 0.00	27.17 2.07 0.00	24.69 1.95 0.00	23.34 1.72 0.00	21.41 1.58 0.00	22.19 1.58 0.00	25.46 1.74 0.00	26.80 1.68 -3.59	29.06 1.82 -4.06	28.61 2.00 0.00	34.09 3.17 -0.09	36.69 3.50 0.00	38.72 3.58 0.00	46.55 4.45 0.00	56.22 5.49 -1.87	53.85 5.31 -0.22	59.22 5.04 -11.14	91.18 3.34 -59.89	115.56 4.60 -71.60	63.00 4.55 -14.08	83.18 4.03 -39.15	50.43 2.72 -14.80	39.42 2.59 -7.04	36.57 3.11 -1.95
WALDENNY_I2_KV_BK2 80841	26.93 0.48 0.00	25.36 0.26 0.00	22.35 -0.39 0.00	21.18 -0.44 0.00	19.26 -0.57 0.00	20.30 -0.32 0.00	23.27 -0.25 0.20	21.25 -0.29 0.00	23.23 0.05 0.00	26.63 0.01 0.00	30.76 -0.07 0.00	31.22 -0.56 1.41	21.88 -0.77 12.48	32.73 -1.21 8.16	40.95 -1.30 6.62	41.18 -1.39 5.76	42.17 -1.30 -0.43	32.57 -0.65 -5.26	39.27 -1.05 -0.96	42.89 -1.48 0.00	39.17 -0.84 0.00	32.60 -0.31 0.00	29.73 -0.06 0.00	31.76 0.25 0.00
WALDEN__HYDRO 24148	28.10 1.64 0.00	26.67 1.57 0.00	24.19 1.45 0.00	22.96 1.34 0.00	21.04 1.21 0.00	21.81 1.19 0.00	25.18 1.45 0.00	22.45 1.51 0.59	24.15 1.63 0.67	28.68 2.07 0.00	33.40 2.56 0.00	36.12 2.93 0.00	38.38 3.24 0.00	45.83 3.73 0.00	53.35 4.48 0.00	52.67 4.35 0.00	57.51 3.96 -10.51	63.18 2.73 -32.49	49.10 3.78 -5.96	48.30 3.94 0.00	43.08 3.29 0.21	32.28 2.50 3.12	30.38 2.17 1.57	33.39 2.24 0.36
WARRENSBURG____ 23737	28.15 1.70 0.00	26.83 1.74 0.00	24.39 1.65 0.00	23.16 1.54 0.00	21.25 1.42 0.00	22.11 1.49 0.00	25.55 1.83 0.00	24.01 1.67 -0.80	25.88 1.79 -0.90	28.72 2.11 0.00	33.20 2.37 0.00	35.87 2.68 0.00	38.13 2.99 0.00	45.78 3.69 0.00	53.18 4.31 0.00	52.99 4.67 0.00	82.38 4.51 -34.84	138.53 2.95 -107.63	63.20 4.10 -19.74	48.69 4.32 0.00	43.96 3.75 -0.20	38.46 2.55 -3.00	33.44 2.15 -1.51	33.99 2.14 -0.34
WATERSIDE____6 8 9 23538	28.30 1.85 0.00	26.88 1.78 0.00	24.39 1.65 0.00	23.14 1.52 0.00	21.23 1.40 0.00	22.00 1.38 0.00	25.35 1.63 0.00	26.78 1.63 -3.62	29.04 1.76 -4.09	18.92 2.19 9.88	33.49 2.79 0.13	36.26 3.07 0.00	38.40 3.27 0.00	45.83 3.74 0.00	53.27 4.41 0.01	52.75 4.43 0.01	58.02 4.20 -10.79	64.03 2.72 -33.35	49.15 3.68 -6.11	48.13 3.78 0.01	44.04 3.20 -0.84	47.78 2.39 -12.48	38.26 2.20 -6.28	35.29 2.36 -1.43
WATKINRD_115KV_LN8_ILLION 55919	26.39 -0.06 0.00	25.10 0.00 0.00	22.77 0.03 0.00	21.66 0.04 0.00	19.88 0.05 0.00	20.66 0.04 0.00	23.78 0.06 0.00	21.57 0.03 0.00	23.23 0.04 0.00	26.71 0.09 0.00	31.19 0.14 -0.22	36.16 0.19 -2.78	37.78 0.27 -2.38	45.71 0.41 -3.21	50.59 0.45 -1.27	52.32 0.37 -3.62	46.86 0.51 -3.32	31.19 0.44 -2.80	42.28 0.55 -2.36	45.90 0.44 -1.09	40.29 0.28 0.00	33.05 0.14 0.00	29.85 0.06 0.00	31.52 0.01 0.00
WATSON__69_KV_BK 1 55734	29.21 2.75 0.00	27.72 2.62 0.00	25.17 2.43 0.00	23.79 2.17 0.00	21.83 2.00 0.00	22.63 2.01 0.00	25.98 2.25 0.00	27.29 2.16 -3.59	29.60 2.35 -4.06	29.33 2.71 0.00	34.80 3.88 -0.09	37.43 4.24 0.00	39.61 4.47 0.00	47.33 5.23 0.00	56.64 6.52 -1.26	54.68 6.22 -0.12	60.01 5.88 -11.10	91.73 3.89 -59.88	113.55 5.34 -68.85	61.51 5.38 -11.76	80.97 4.73 -36.24	51.74 3.36 -15.48	40.27 3.23 -7.26	37.26 3.80 -1.95
WDELAWARE__HYD 323627	27.59 1.13 0.00	26.18 1.08 0.00	23.72 0.98 0.00	22.51 0.88 0.00	20.62 0.80 0.00	21.39 0.77 0.00	24.67 0.95 0.00	22.04 1.05 0.54	23.76 1.19 0.62	28.12 1.51 0.00	32.75 1.91 0.00	35.34 2.16 0.00	37.63 2.50 0.00	44.74 2.64 0.00	51.04 2.17 0.00	50.83 2.51 0.00	55.46 2.42 -10.01	60.65 1.75 -30.94	47.52 2.48 -5.67	46.93 2.56 0.00	42.77 2.77 0.00	34.95 2.04 0.00	31.50 1.72 0.00	33.19 1.69 0.00
WEST BABYLON__IC 23714	29.09 2.64 0.00	27.60 2.51 0.00	25.08 2.33 0.00	23.70 2.08 0.00	21.75 1.92 0.00	22.55 1.93 0.00	25.89 2.16 0.00	27.21 2.08 -3.59	29.50 2.26 -4.06	29.24 2.62 0.00	34.62 3.70 -0.09	37.22 4.03 0.00	39.37 4.23 0.00	47.05 4.95 0.00	55.52 6.18 -0.47	54.20 5.88 0.00	59.58 5.51 -11.04	91.49 3.66 -59.88	109.67 5.03 -65.28	58.16 5.05 -8.75	76.89 4.44 -32.45	53.05 3.21 -16.93	40.59 3.07 -7.73	37.09 3.63 -1.95
WEST CANADA__HYD 24049	26.45 0.00 0.00	25.12 0.02 0.00	22.76 0.01 0.00	21.62 0.00 0.00	19.84 0.01 0.00	20.62 0.00 0.00	23.72 0.00 0.00	21.53 0.00 0.00	23.18 0.00 0.00	26.61 -0.01 0.00	31.06 0.00 -0.22	35.97 0.00 -2.78	37.52 0.00 -2.38	45.35 0.04 -3.21	50.23 0.09 -1.27	52.04 0.09 -3.62	46.46 0.11 -3.32	30.83 0.07 -2.80	41.80 0.07 -2.36	45.54 0.09 -1.09	40.12 0.11 0.00	32.97 0.07 0.00	29.85 0.06 0.00	31.57 0.06 0.00

WESTERN_NY_WIND 24143	27.31 0.86 0.00	25.70 0.61 0.00	22.73 0.00 0.00	21.57 -0.05 0.00	19.67 -0.16 0.00	20.74 0.12 0.00	23.87 0.26 0.11	21.70 0.17 0.00	23.68 0.49 0.00	27.14 0.52 0.00	31.35 0.52 0.00	32.71 0.30 0.78	28.49 0.26 6.91	37.42 -0.14 4.54	44.93 -0.24 3.69	44.62 -0.50 3.21	43.22 -0.53 -0.71	32.17 -0.18 -4.39	39.77 -0.40 -0.81	43.82 -0.54 0.00	39.98 -0.03 0.00	33.23 0.32 0.00	30.23 0.44 0.00	32.22 0.71 0.00
WESTOVER___LESR 323668	26.94 0.48 0.00	25.54 0.44 0.00	22.96 0.22 0.00	21.80 0.18 0.00	20.00 0.17 0.00	20.90 0.28 0.00	24.13 0.41 0.00	21.92 0.39 0.00	23.61 0.43 0.00	27.14 0.52 0.00	31.47 0.64 0.00	33.84 0.65 0.00	35.78 0.64 0.00	42.87 0.78 0.00	49.82 0.96 0.00	49.34 1.01 0.00	47.52 0.84 -3.64	39.81 0.60 -11.25	42.21 0.79 -2.07	45.00 0.64 0.00	40.65 0.64 0.00	33.42 0.51 0.00	30.25 0.47 0.00	32.02 0.52 0.00
WETHRSFD_WT_PWR 323626	26.74 0.28 0.00	25.22 0.13 0.00	22.30 -0.44 0.00	21.00 -0.62 0.00	18.99 -0.84 0.00	19.95 -0.67 0.00	22.33 -0.69 0.71	20.83 -0.70 0.00	22.67 -0.51 0.00	26.01 -0.61 0.00	30.04 -0.79 0.00	26.97 -1.26 4.96	-10.52 -1.53 44.13	11.21 -2.14 28.75	23.26 -2.30 23.31	25.67 -2.39 20.27	38.48 -2.04 2.51	33.02 -0.97 -6.03	39.23 -1.23 -1.11	42.93 -1.43 0.00	39.30 -0.71 0.00	32.63 -0.28 0.00	29.67 -0.12 0.00	31.64 0.13 0.00
WHAVSTOR_138KV_BK127 55557	27.89 1.44 0.00	26.52 1.42 0.00	24.08 1.34 0.00	22.85 1.23 0.00	20.95 1.12 0.00	21.70 1.09 0.00	25.02 1.29 0.00	17.85 1.28 4.96	18.94 1.37 5.61	28.36 1.74 0.00	33.14 2.30 0.00	35.77 2.58 0.00	37.90 2.76 0.00	45.27 3.18 0.00	52.65 3.78 0.00	52.25 3.93 0.00	57.08 3.73 -10.32	62.27 2.43 -31.88	48.49 3.29 -5.85	47.66 3.30 0.00	41.62 2.75 1.13	18.21 2.03 16.72	23.23 1.85 8.41	31.57 1.97 1.91
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.89 1.44 0.00	26.52 1.42 0.00	24.08 1.34 0.00	22.85 1.23 0.00	20.95 1.12 0.00	21.70 1.09 0.00	25.02 1.29 0.00	17.85 1.28 4.96	18.94 1.37 5.61	28.36 1.74 0.00	33.14 2.30 0.00	35.77 2.58 0.00	37.90 2.76 0.00	45.27 3.18 0.00	52.65 3.78 0.00	52.25 3.93 0.00	57.08 3.73 -10.32	62.27 2.43 -31.88	48.49 3.29 -5.85	47.66 3.30 0.00	41.62 2.75 1.13	18.21 2.03 16.72	23.23 1.85 8.41	31.57 1.97 1.91
WHITEHAL_115KV_TB1 80871	28.89 2.44 0.00	27.61 2.51 0.00	25.17 2.43 0.00	23.87 2.25 0.00	21.91 2.09 0.00	22.78 2.16 0.00	26.39 2.67 0.00	24.69 2.35 -0.80	26.65 2.56 -0.91	29.39 2.78 0.00	33.74 2.91 0.00	36.79 3.60 0.00	39.05 3.91 0.00	46.75 4.66 0.00	54.14 5.27 0.00	54.20 5.88 0.00	83.37 5.92 -34.42	138.03 3.75 -106.33	64.18 5.32 -19.50	50.38 6.02 0.00	45.28 5.07 -0.20	39.59 3.67 -3.01	34.62 3.32 -1.51	35.16 3.31 -0.34
WHITEPLN_13_KV_LOAD 356215	28.33 1.88 0.00	26.89 1.80 0.00	24.41 1.67 0.00	23.15 1.53 0.00	21.23 1.41 0.00	22.02 1.40 0.00	25.38 1.66 0.00	27.02 1.64 -3.85	29.33 1.80 -4.35	28.86 2.25 0.00	33.71 2.88 0.00	36.48 3.29 0.00	38.83 3.69 0.00	46.41 4.32 0.00	54.00 5.13 0.00	53.19 4.87 0.00	58.35 4.55 -10.77	64.19 2.97 -33.27	49.49 4.03 -6.10	48.50 4.14 0.00	44.42 3.49 -0.93	49.17 2.62 -13.65	38.99 2.35 -6.86	35.55 2.49 -1.56
WM_FLOYD_69_KV_BK2 356380	28.85 2.40 0.00	27.40 2.30 0.00	24.90 2.16 0.00	23.52 1.91 0.00	21.59 1.76 0.00	22.37 1.76 0.00	25.66 1.94 0.00	26.99 1.86 -3.59	29.24 2.00 -4.06	28.82 2.21 0.00	34.32 3.40 -0.09	36.95 3.76 0.00	39.07 3.93 0.00	46.83 4.73 0.00	56.80 5.84 -2.10	54.22 5.64 -0.26	59.55 5.36 -11.15	91.38 3.53 -59.89	116.91 4.88 -72.66	64.23 4.88 -14.98	84.60 4.31 -40.28	50.72 2.97 -14.84	39.66 2.82 -7.05	36.82 3.37 -1.95
WOODARD___115KV_TB2 355635	26.24 -0.22 0.00	24.80 -0.30 0.00	22.42 -0.32 0.00	21.33 -0.29 0.00	19.57 -0.26 0.00	20.38 -0.23 0.00	23.46 -0.26 0.00	21.34 -0.20 0.00	22.97 -0.21 0.00	26.34 -0.28 0.00	30.54 -0.29 0.00	32.93 -0.26 0.00	35.09 -0.05 0.00	41.82 -0.28 0.00	48.55 -0.32 0.00	47.86 -0.46 0.00	42.56 -0.48 0.00	27.70 -0.26 0.00	38.95 -0.41 0.00	43.85 -0.52 0.00	39.58 -0.43 0.00	32.55 -0.37 0.00	29.45 -0.34 0.00	31.14 -0.36 0.00
YORK___WARBASSE 23770	28.45 1.99 0.00	26.98 1.89 0.00	24.49 1.75 0.00	23.22 1.60 0.00	21.30 1.47 0.00	22.07 1.45 0.00	25.45 1.73 0.00	26.88 1.73 -3.62	29.17 1.90 -4.09	95.36 2.32 -66.42	34.68 2.98 -0.87	36.44 3.25 0.00	38.60 3.46 0.00	46.09 3.99 0.00	53.57 4.69 -0.01	53.01 4.67 -0.01	58.25 4.41 -10.80	64.18 2.85 -33.37	49.34 3.85 -6.13	48.37 4.00 -0.01	44.31 3.44 -0.85	48.01 2.60 -12.50	38.48 2.41 -6.28	35.51 2.57 -1.43