

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/26/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	42.30	40.55	39.89	39.69	40.61	44.43	59.28	69.24	58.81	45.74	42.00	38.87	38.50	38.78	37.57	38.16	41.50	49.18	57.78	70.20	66.28	56.73	47.78	45.37
24138	2.05	1.71	1.72	1.56	1.64	1.96	3.57	4.41	3.59	3.19	2.68	2.51	2.38	2.47	2.36	2.60	3.04	3.73	4.13	4.72	4.57	3.61	3.04	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	42.34	40.59	39.92	39.77	40.58	44.48	59.28	69.17	58.75	45.57	41.96	38.76	38.43	38.64	37.50	38.09	41.35	49.00	57.73	70.46	66.28	56.78	47.82	45.37
24260	2.09	1.75	1.76	1.64	1.60	2.00	3.57	4.34	3.53	3.02	2.63	2.40	2.31	2.32	2.29	2.53	2.88	3.55	4.08	4.98	4.57	3.66	3.09	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	42.34	40.59	39.92	39.77	40.58	44.48	59.28	69.17	58.75	45.57	41.96	38.76	38.43	38.64	37.50	38.09	41.35	49.00	57.73	70.46	66.28	56.78	47.82	45.37
24261	2.09	1.75	1.76	1.64	1.60	2.00	3.57	4.34	3.53	3.02	2.63	2.40	2.31	2.32	2.29	2.53	2.88	3.55	4.08	4.98	4.57	3.66	3.09	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	41.70	40.16	39.43	39.31	40.26	44.05	58.22	67.87	57.65	45.10	41.25	38.29	37.78	37.98	36.83	37.17	40.35	47.14	55.91	68.56	64.43	55.29	46.61	44.60
24011	1.45	1.32	1.26	1.18	1.29	1.57	2.51	3.05	2.43	2.55	1.93	1.93	1.66	1.67	1.62	1.60	1.88	1.68	2.25	3.08	2.72	2.18	1.88	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	41.82	40.32	39.54	39.38	40.42	44.22	58.44	68.26	57.92	45.35	41.48	38.47	37.96	38.16	37.01	37.31	40.50	47.28	56.17	68.82	64.74	55.56	46.84	44.82
23798	1.57	1.48	1.37	1.26	1.44	1.74	2.73	3.43	2.71	2.81	2.16	2.11	1.84	1.85	1.79	1.74	2.04	1.82	2.52	3.34	3.02	2.44	2.10	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	41.70	40.16	39.43	39.31	40.26	44.05	58.22	67.87	57.65	45.10	41.25	38.29	37.78	37.98	36.83	37.17	40.35	47.14	55.91	68.56	64.43	55.29	46.61	44.60
24028	1.45	1.32	1.26	1.18	1.29	1.57	2.51	3.05	2.43	2.55	1.93	1.93	1.66	1.67	1.62	1.60	1.88	1.68	2.25	3.08	2.72	2.18	1.88	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	41.70	40.09	39.43	39.35	40.30	44.01	58.38	67.35	57.20	44.29	40.73	37.74	37.38	37.58	36.48	36.99	40.23	47.82	56.39	68.36	64.43	55.35	46.57	44.22
23527	1.45	1.24	1.26	1.22	1.33	1.53	2.67	2.53	1.99	1.75	1.41	1.38	1.26	1.27	1.27	1.42	1.77	2.36	2.73	2.88	2.71	2.23	1.83	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	40.81	39.31	38.63	38.51	39.41	42.65	56.16	65.22	55.39	42.76	39.40	36.58	36.37	36.53	35.50	35.89	38.85	46.00	54.35	66.21	62.21	53.54	45.05	42.97
24190	0.56	0.47	0.46	0.38	0.43	0.17	0.45	0.39	0.17	0.21	0.08	0.22	0.25	0.22	0.28	0.32	0.38	0.55	0.70	0.72	0.49	0.42	0.31	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	40.09	38.81	38.17	38.13	39.02	42.56	55.88	65.02	55.44	42.50	39.28	36.25	36.08	36.24	35.14	35.28	38.04	45.05	53.12	64.83	61.10	52.64	44.51	42.80
355683	-0.16	-0.04	0.00	0.00	0.04	0.08	0.17	0.19	0.22	-0.04	-0.04	-0.11	-0.04	-0.07	-0.07	-0.28	-0.42	-0.41	-0.54	-0.65	-0.62	-0.48	-0.22	-0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	41.54	40.05	39.35	39.12	39.99	43.58	57.33	66.51	56.32	43.27	39.75	36.83	36.59	36.78	35.85	36.24	39.23	46.64	55.26	67.32	63.51	54.66	45.99	43.96
323833	1.29	1.21	1.18	0.99	1.01	1.10	1.62	1.68	1.10	0.72	0.43	0.47	0.47	0.47	0.63	0.67	0.77	1.18	1.61	1.83	1.79	1.54	1.25	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	41.54	40.05	39.35	39.08	39.99	43.58	57.33	66.51	56.32	43.27	39.75	36.83	36.59	36.78	35.85	36.24	39.23	46.64	55.26	67.32	63.44	54.60	45.99	43.96
323834	1.29	1.21	1.18	0.95	1.01	1.10	1.62	1.68	1.10	0.72	0.43	0.47	0.47	0.47	0.63	0.67	0.77	1.18	1.61	1.83	1.73	1.49	1.25	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	40.81	39.31	38.63	38.51	39.41	42.65	56.16	65.22	55.39	42.76	39.40	36.58	36.37	36.53	35.50	35.89	38.85	46.00	54.35	66.21	62.21	53.54	45.05	42.97
23571	0.56	0.47	0.46	0.38	0.43	0.17	0.45	0.39	0.17	0.21	0.08	0.22	0.25	0.22	0.28	0.32	0.38	0.55	0.70	0.72	0.49	0.42	0.31	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	40.81 0.56 0.00	39.31 0.47 0.00	38.63 0.46 0.00	38.51 0.38 0.00	39.41 0.43 0.00	42.65 0.17 0.00	56.16 0.45 0.00	65.22 0.39 0.00	55.39 0.17 0.00	42.76 0.21 0.00	39.40 0.08 0.00	36.58 0.22 0.00	36.37 0.25 0.00	36.53 0.22 0.00	35.50 0.28 0.00	35.89 0.32 0.00	38.85 0.38 0.00	46.00 0.55 0.00	54.35 0.70 0.00	66.21 0.72 0.00	62.21 0.49 0.00	53.54 0.42 0.00	45.05 0.31 0.00	42.97 0.09 0.00
ALBANY___3 23573	40.81 0.56 0.00	39.31 0.47 0.00	38.63 0.46 0.00	38.51 0.38 0.00	39.41 0.43 0.00	42.65 0.17 0.00	56.16 0.45 0.00	65.22 0.39 0.00	55.39 0.17 0.00	42.76 0.21 0.00	39.40 0.08 0.00	36.58 0.22 0.00	36.37 0.25 0.00	36.53 0.22 0.00	35.50 0.28 0.00	35.89 0.32 0.00	38.85 0.38 0.00	46.00 0.55 0.00	54.35 0.70 0.00	66.21 0.72 0.00	62.21 0.49 0.00	53.54 0.42 0.00	45.05 0.31 0.00	42.97 0.09 0.00
ALBANY___4 23574	40.81 0.56 0.00	39.31 0.47 0.00	38.63 0.46 0.00	38.51 0.38 0.00	39.41 0.43 0.00	42.65 0.17 0.00	56.16 0.45 0.00	65.22 0.39 0.00	55.39 0.17 0.00	42.76 0.21 0.00	39.40 0.08 0.00	36.58 0.22 0.00	36.37 0.25 0.00	36.53 0.22 0.00	35.50 0.28 0.00	35.89 0.32 0.00	38.85 0.38 0.00	46.00 0.55 0.00	54.35 0.70 0.00	66.21 0.72 0.00	62.21 0.49 0.00	53.54 0.42 0.00	45.05 0.31 0.00	42.97 0.09 0.00
ALBANY___LFGE 323615	41.18 0.93 0.00	39.66 0.82 0.00	38.93 0.76 0.00	38.62 0.49 0.00	39.48 0.51 0.00	43.03 0.55 0.00	56.71 1.00 0.00	65.93 1.10 0.00	56.05 0.83 0.00	43.22 0.68 0.00	39.83 0.51 0.00	36.94 0.58 0.00	36.69 0.58 0.00	36.89 0.58 0.00	36.02 0.81 0.00	36.42 0.85 0.00	39.23 0.77 0.00	46.45 1.00 0.00	54.89 1.23 0.00	66.73 1.24 0.00	62.88 1.17 0.00	54.07 0.96 0.00	45.49 0.76 0.00	43.40 0.52 0.00
ALCOA_PA_115KV_PL-6C 55860	40.21 -0.04 0.00	38.92 0.08 0.00	38.32 0.15 0.00	38.28 0.15 0.00	39.13 0.16 0.00	42.73 0.25 0.00	56.16 0.45 0.00	65.34 0.52 0.00	55.72 0.50 0.00	42.54 0.00 0.00	39.32 0.00 0.00	36.29 -0.07 0.00	36.12 0.00 0.00	36.27 -0.04 0.00	35.21 0.00 0.00	35.14 -0.43 0.00	37.89 -0.58 0.00	44.91 -0.55 0.00	53.01 -0.64 0.00	64.83 -0.65 0.00	61.10 -0.62 0.00	52.58 -0.53 0.00	44.47 -0.27 0.00	42.93 0.04 0.00
ALCOA_RYNLDS___DRP 24188	40.21 -0.04 0.00	38.92 0.08 0.00	38.32 0.15 0.00	38.28 0.15 0.00	39.13 0.16 0.00	42.73 0.25 0.00	56.16 0.45 0.00	65.34 0.52 0.00	55.72 0.50 0.00	42.54 0.00 0.00	39.32 0.00 0.00	36.29 -0.07 0.00	36.12 0.00 0.00	36.27 -0.04 0.00	35.21 0.00 0.00	35.14 -0.43 0.00	37.89 -0.58 0.00	44.91 -0.55 0.00	53.01 -0.64 0.00	64.83 -0.65 0.00	61.10 -0.62 0.00	52.58 -0.53 0.00	44.47 -0.27 0.00	42.93 0.04 0.00
ALCOA___DSASP 323711	40.21 -0.04 0.00	38.92 0.08 0.00	38.32 0.15 0.00	38.28 0.15 0.00	39.13 0.16 0.00	42.74 0.26 0.00	56.15 0.44 0.00	65.34 0.52 0.00	55.72 0.50 0.00	42.54 0.00 0.00	39.32 0.00 0.00	36.29 -0.07 0.00	36.12 0.00 0.00	36.28 -0.04 0.00	35.21 0.00 0.00	35.14 -0.43 0.00	37.89 -0.58 0.00	44.91 -0.54 0.00	53.01 -0.64 0.00	64.77 -0.72 0.00	61.10 -0.62 0.00	52.58 -0.53 0.00	44.47 -0.27 0.00	42.93 0.04 0.00
ALLEGHENY___COGEN 23514	41.14 0.88 0.00	39.74 0.89 0.00	38.89 0.72 0.00	39.27 1.14 0.00	39.95 0.97 0.00	43.84 1.36 0.00	56.66 0.95 0.00	66.05 1.23 0.00	55.39 0.17 0.00	41.99 -0.55 0.00	38.93 -0.39 0.00	35.74 -0.62 0.00	34.96 -1.16 0.00	35.29 -1.02 0.00	34.23 -0.99 0.00	33.50 -2.06 0.00	36.50 -1.96 0.00	43.18 -2.27 0.00	51.83 -1.82 0.00	65.35 -0.13 0.00	61.84 0.12 0.00	55.02 1.91 0.00	45.90 1.16 0.00	44.47 1.59 0.00
ALTAMONT_115KV_TB 2 55880	41.22 0.97 0.00	39.70 0.85 0.00	39.01 0.84 0.00	38.89 0.76 0.00	39.80 0.82 0.00	43.29 0.81 0.00	57.05 1.34 0.00	66.25 1.43 0.00	56.27 1.05 0.00	43.44 0.89 0.00	39.99 0.67 0.00	37.05 0.69 0.00	36.80 0.69 0.00	37.00 0.69 0.00	35.92 0.70 0.00	36.31 0.75 0.00	39.35 0.88 0.00	46.68 1.23 0.00	55.15 1.50 0.00	67.19 1.70 0.00	63.20 1.48 0.00	54.39 1.27 0.00	45.76 1.03 0.00	43.70 0.81 0.00
ALTONA_WT_PWR 323606	39.85 -0.40 0.00	38.65 -0.19 0.00	38.09 -0.08 0.00	38.13 0.00 0.00	39.09 0.12 0.00	42.82 0.34 0.00	56.43 0.72 0.00	64.76 -0.06 0.00	55.99 0.77 0.00	42.63 0.09 0.00	39.36 0.04 0.00	36.25 -0.11 0.00	36.12 0.00 0.00	36.28 -0.04 0.00	35.14 -0.07 0.00	35.18 -0.39 0.00	37.81 -0.65 0.00	44.86 -0.59 0.00	53.01 -0.64 0.00	63.78 -1.70 0.00	60.48 -1.23 0.00	52.53 -0.58 0.00	44.78 0.04 0.00	43.02 0.13 0.00
AMERICAN_REF_FUEL 24010	38.04 -2.21 0.00	36.75 -2.10 0.00	35.99 -2.17 0.00	36.53 -1.60 0.00	36.99 -1.99 0.00	40.36 -2.12 0.00	51.31 -4.40 0.00	59.51 -5.31 0.00	51.13 -4.09 0.00	39.10 -3.44 0.00	36.77 -2.56 0.00	34.03 -2.33 0.00	33.41 -2.71 0.00	33.73 -2.58 0.00	32.57 -2.64 0.00	32.97 -2.59 0.00	35.73 -2.73 0.00	41.32 -4.14 0.00	48.98 -4.67 0.00	61.10 -4.39 0.00	57.76 -3.95 0.00	49.93 -3.19 0.00	41.92 -2.82 0.00	41.21 -1.67 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.41 0.16 0.00	39.00 0.16 0.00	38.28 0.11 0.00	38.66 0.53 0.00	39.13 0.16 0.00	42.69 0.21 0.00	54.88 -0.83 0.00	63.72 -1.10 0.00	54.89 -0.33 0.00	41.65 -0.90 0.00	38.77 -0.55 0.00	35.81 -0.54 0.00	35.00 -1.12 0.00	35.26 -1.05 0.00	33.84 -1.37 0.00	34.25 -1.32 0.00	37.15 -1.31 0.00	43.14 -2.32 0.00	51.50 -2.15 0.00	64.57 -0.92 0.00	61.41 -0.31 0.00	53.01 -0.11 0.00	44.65 -0.09 0.00	43.79 0.90 0.00
ARTHUR KILL_GT_1 23520	54.88 2.33 -12.30	54.17 2.02 -13.30	54.87 1.98 -14.72	54.20 1.87 -14.21	54.21 1.95 -13.28	54.89 2.17 -10.24	59.39 3.68 -0.01	68.99 4.15 -0.01	60.90 3.26 -2.42	58.56 2.76 -13.25	57.00 2.32 -15.36	56.99 2.18 -18.45	55.61 2.06 -17.43	56.84 2.11 -18.42	56.80 2.01 -19.58	56.80 2.24 -18.99	58.30 2.65 -17.19	59.63 3.32 -10.85	61.11 3.87 -3.60	70.21 4.72 -0.01	66.17 4.45 -0.01	65.35 3.56 -8.68	58.86 2.95 -11.17	56.86 2.53 -11.44
ARTHUR_KILL_2 23512	54.76 2.21 -12.30	54.09 1.94 -13.30	54.76 1.87 -14.72	54.09 1.75 -14.21	54.09 1.83 -13.28	54.76 2.04 -10.24	59.23 3.51 -0.01	68.79 3.95 -0.01	60.73 3.09 -2.42	58.48 2.68 -13.25	56.88 2.20 -15.36	56.88 2.07 -18.45	55.50 1.95 -17.43	56.73 2.00 -18.42	56.73 1.94 -19.58	56.73 2.17 -18.99	58.23 2.58 -17.19	59.49 3.18 -10.85	60.95 3.70 -3.60	69.95 4.46 -0.01	65.92 4.20 -0.01	65.20 3.40 -8.68	58.73 2.82 -11.17	56.73 2.40 -11.44
ARTHUR_KILL_3 23513	54.19 1.65 -12.29	53.46 1.32 -13.30	54.22 1.34 -14.71	53.51 1.18 -14.20	53.50 1.25 -13.27	54.20 1.49 -10.23	58.66 2.95 0.00	68.45 3.63 0.00	60.50 2.87 -2.41	58.34 2.55 -13.25	56.83 2.16 -15.35	56.84 2.03 -18.44	55.49 1.95 -17.43	56.69 1.96 -18.41	56.65 1.87 -19.57	56.65 2.10 -18.98	58.11 2.46 -17.18	59.35 3.05 -10.85	60.73 3.49 -3.59	69.35 3.86 0.00	65.48 3.77 0.00	64.81 3.03 -8.67	58.50 2.59 -11.17	56.38 2.06 -11.44

ARTHUR_KILL_COGEN 323718	54.88 2.33 -12.30	54.17 2.02 -13.30	54.87 1.98 -14.72	54.20 1.87 -14.21	54.21 1.95 -13.28	54.89 2.17 -10.24	59.39 3.68 -0.01	68.99 4.15 -0.01	60.90 3.26 -2.42	58.56 2.76 -13.25	57.00 2.32 -15.36	56.99 2.18 -18.45	55.61 2.06 -17.43	56.84 2.11 -18.42	56.80 2.01 -19.58	56.80 2.24 -18.99	58.30 2.65 -17.19	59.63 3.32 -10.85	61.11 3.87 -3.60	70.21 4.72 -0.01	66.17 4.45 -0.01	65.35 3.56 -8.68	58.86 2.95 -11.17	56.86 2.53 -11.44
ASHOKAN____ 23654	42.06 1.81 0.00	40.40 1.56 0.00	39.73 1.57 0.00	39.54 1.41 0.00	40.46 1.48 0.00	44.30 1.83 0.00	58.72 3.01 0.00	67.94 3.11 0.00	57.48 2.26 0.00	44.07 1.53 0.00	40.38 1.06 0.00	37.34 0.98 0.00	37.09 0.98 0.00	37.29 0.98 0.00	36.34 1.13 0.00	36.81 1.24 0.00	40.00 1.54 0.00	47.77 2.32 0.00	56.71 3.06 0.00	69.48 4.00 0.00	65.29 3.58 0.00	55.93 2.81 0.00	47.15 2.41 0.00	45.03 2.14 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.07 1.81 -0.01	40.37 1.51 -0.01	39.71 1.53 -0.01	39.51 1.37 -0.01	40.43 1.44 -0.01	44.19 1.70 -0.01	58.82 3.12 0.01	68.71 3.89 0.01	58.41 3.20 0.01	45.30 2.76 0.01	41.71 2.40 0.01	38.61 2.26 0.01	38.24 2.13 0.01	38.45 2.14 0.01	37.28 2.08 0.01	37.87 2.31 0.01	41.15 2.69 0.01	48.72 3.27 0.01	57.40 3.75 0.01	69.80 4.32 0.01	65.84 4.14 0.01	56.46 3.35 0.01	47.52 2.77 -0.01	45.04 2.14 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	42.07 1.81 -0.01	40.37 1.51 -0.01	39.71 1.53 -0.01	39.51 1.37 -0.01	40.43 1.44 -0.01	44.19 1.70 -0.01	58.82 3.12 0.01	68.71 3.89 0.01	58.41 3.20 0.01	45.30 2.76 0.01	41.71 2.40 0.01	38.61 2.26 0.01	38.24 2.13 0.01	38.45 2.14 0.01	37.28 2.08 0.01	37.87 2.31 0.01	41.15 2.69 0.01	48.72 3.27 0.01	57.40 3.75 0.01	69.80 4.32 0.01	65.84 4.14 0.01	56.46 3.35 0.01	47.52 2.77 -0.01	45.04 2.14 -0.01
ASTORIA_GT2_1 24094	42.11 1.85 -0.01	40.41 1.55 -0.01	39.70 1.53 -0.01	39.55 1.41 -0.01	40.39 1.40 -0.01	44.23 1.74 -0.01	58.88 3.18 0.01	68.71 3.89 0.01	58.41 3.20 0.01	45.34 2.81 0.01	41.75 2.44 0.01	38.60 2.25 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.39 2.18 0.01	37.94 2.38 0.01	41.19 2.73 0.01	48.77 3.32 0.01	57.45 3.81 0.01	70.06 4.58 0.01	65.90 4.20 0.01	56.45 3.35 0.01	47.52 2.77 -0.01	45.08 2.19 -0.01
ASTORIA_GT2_2 24095	42.11 1.85 -0.01	40.41 1.55 -0.01	39.70 1.53 -0.01	39.55 1.41 -0.01	40.39 1.40 -0.01	44.23 1.74 -0.01	58.88 3.18 0.01	68.71 3.89 0.01	58.41 3.20 0.01	45.34 2.81 0.01	41.75 2.44 0.01	38.60 2.25 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.39 2.18 0.01	37.94 2.38 0.01	41.19 2.73 0.01	48.77 3.32 0.01	57.45 3.81 0.01	70.06 4.58 0.01	65.90 4.20 0.01	56.45 3.35 0.01	47.52 2.77 -0.01	45.08 2.19 -0.01
ASTORIA_GT2_3 24096	42.11 1.85 -0.01	40.41 1.55 -0.01	39.70 1.53 -0.01	39.55 1.41 -0.01	40.39 1.40 -0.01	44.23 1.74 -0.01	58.88 3.18 0.01	68.71 3.89 0.01	58.41 3.20 0.01	45.34 2.81 0.01	41.75 2.44 0.01	38.60 2.25 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.39 2.18 0.01	37.94 2.38 0.01	41.19 2.73 0.01	48.77 3.32 0.01	57.45 3.81 0.01	70.06 4.58 0.01	65.90 4.20 0.01	56.45 3.35 0.01	47.52 2.77 -0.01	45.08 2.19 -0.01
ASTORIA_GT2_4 24097	42.11 1.85 -0.01	40.41 1.55 -0.01	39.70 1.53 -0.01	39.55 1.41 -0.01	40.39 1.40 -0.01	44.23 1.74 -0.01	58.88 3.18 0.01	68.71 3.89 0.01	58.41 3.20 0.01	45.34 2.81 0.01	41.75 2.44 0.01	38.60 2.25 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.39 2.18 0.01	37.94 2.38 0.01	41.19 2.73 0.01	48.77 3.32 0.01	57.45 3.81 0.01	70.06 4.58 0.01	65.90 4.20 0.01	56.45 3.35 0.01	47.52 2.77 -0.01	45.08 2.19 -0.01
ASTORIA_GT3_1 24098	42.11 1.85 -0.01	40.41 1.55 -0.01	39.70 1.53 -0.01	39.55 1.41 -0.01	40.39 1.40 -0.01	44.23 1.74 -0.01	58.88 3.18 0.01	68.71 3.89 0.01	58.41 3.20 0.01	45.34 2.81 0.01	41.75 2.44 0.01	38.60 2.25 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.39 2.18 0.01	37.94 2.38 0.01	41.19 2.73 0.01	48.77 3.32 0.01	57.45 3.81 0.01	70.06 4.58 0.01	65.90 4.20 0.01	56.45 3.35 0.01	47.52 2.77 -0.01	45.08 2.19 -0.01
ASTORIA_GT3_2 24099	42.11 1.85 -0.01	40.41 1.55 -0.01	39.70 1.53 -0.01	39.55 1.41 -0.01	40.39 1.40 -0.01	44.23 1.74 -0.01	58.88 3.18 0.01	68.71 3.89 0.01	58.41 3.20 0.01	45.34 2.81 0.01	41.75 2.44 0.01	38.60 2.25 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.39 2.18 0.01	37.94 2.38 0.01	41.19 2.73 0.01	48.77 3.32 0.01	57.45 3.81 0.01	70.06 4.58 0.01	65.90 4.20 0.01	56.45 3.35 0.01	47.52 2.77 -0.01	45.08 2.19 -0.01
ASTORIA_GT3_3 24100	42.11 1.85 -0.01	40.41 1.55 -0.01	39.70 1.53 -0.01	39.55 1.41 -0.01	40.39 1.40 -0.01	44.23 1.74 -0.01	58.88 3.18 0.01	68.71 3.89 0.01	58.41 3.20 0.01	45.34 2.81 0.01	41.75 2.44 0.01	38.60 2.25 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.39 2.18 0.01	37.94 2.38 0.01	41.19 2.73 0.01	48.77 3.32 0.01	57.45 3.81 0.01	70.06 4.58 0.01	65.90 4.20 0.01	56.45 3.35 0.01	47.52 2.77 -0.01	45.08 2.19 -0.01
ASTORIA_GT3_4 24101	42.11 1.85 -0.01	40.41 1.55 -0.01	39.70 1.53 -0.01	39.55 1.41 -0.01	40.39 1.40 -0.01	44.23 1.74 -0.01	58.88 3.18 0.01	68.71 3.89 0.01	58.41 3.20 0.01	45.34 2.81 0.01	41.75 2.44 0.01	38.60 2.25 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.39 2.18 0.01	37.94 2.38 0.01	41.19 2.73 0.01	48.77 3.32 0.01	57.45 3.81 0.01	70.06 4.58 0.01	65.90 4.20 0.01	56.45 3.35 0.01	47.52 2.77 -0.01	45.08 2.19 -0.01
ASTORIA_GT4_1 24102	42.11 1.85 -0.01	40.41 1.55 -0.01	39.70 1.53 -0.01	39.55 1.41 -0.01	40.39 1.40 -0.01	44.23 1.74 -0.01	58.88 3.18 0.01	68.71 3.89 0.01	58.41 3.20 0.01	45.34 2.81 0.01	41.75 2.44 0.01	38.60 2.25 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.39 2.18 0.01	37.94 2.38 0.01	41.19 2.73 0.01	48.77 3.32 0.01	57.45 3.81 0.01	70.06 4.58 0.01	65.90 4.20 0.01	56.45 3.35 0.01	47.52 2.77 -0.01	45.08 2.19 -0.01
ASTORIA_GT4_2 24103	42.11 1.85 -0.01	40.41 1.55 -0.01	39.70 1.53 -0.01	39.55 1.41 -0.01	40.39 1.40 -0.01	44.23 1.74 -0.01	58.88 3.18 0.01	68.71 3.89 0.01	58.41 3.20 0.01	45.34 2.81 0.01	41.75 2.44 0.01	38.60 2.25 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.39 2.18 0.01	37.94 2.38 0.01	41.19 2.73 0.01	48.77 3.32 0.01	57.45 3.81 0.01	70.06 4.58 0.01	65.90 4.20 0.01	56.45 3.35 0.01	47.52 2.77 -0.01	45.08 2.19 -0.01
ASTORIA_GT4_3 24104	42.11 1.85 -0.01	40.41 1.55 -0.01	39.70 1.53 -0.01	39.55 1.41 -0.01	40.39 1.40 -0.01	44.23 1.74 -0.01	58.88 3.18 0.01	68.71 3.89 0.01	58.41 3.20 0.01	45.34 2.81 0.01	41.75 2.44 0.01	38.60 2.25 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.39 2.18 0.01	37.94 2.38 0.01	41.19 2.73 0.01	48.77 3.32 0.01	57.45 3.81 0.01	70.06 4.58 0.01	65.90 4.20 0.01	56.45 3.35 0.01	47.52 2.77 -0.01	45.08 2.19 -0.01

ASTORIA_GT4_4 24105	42.11 1.85 -0.01	40.41 1.55 -0.01	39.70 1.53 -0.01	39.55 1.41 -0.01	40.39 1.40 -0.01	44.23 1.74 -0.01	58.88 3.18 0.01	68.71 3.89 0.01	58.41 3.20 0.01	45.34 2.81 0.01	41.75 2.44 0.01	38.60 2.25 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.39 2.18 0.01	37.94 2.38 0.01	41.19 2.73 0.01	48.77 3.32 0.01	57.45 3.81 0.01	70.06 4.58 0.01	65.90 4.20 0.01	56.45 3.35 0.01	47.52 2.77 -0.01	45.08 2.19 -0.01
ASTORIA_GT_1 23523	42.15 1.89 -0.01	40.45 1.59 -0.01	39.78 1.60 -0.01	39.62 1.49 -0.01	40.50 1.52 -0.01	44.27 1.78 -0.01	58.93 3.23 0.01	68.84 4.02 0.01	58.52 3.31 0.01	45.39 2.85 0.01	41.79 2.48 0.01	38.68 2.33 0.01	38.35 2.24 0.01	38.56 2.25 0.01	37.35 2.15 0.01	37.94 2.38 0.01	41.23 2.77 0.01	48.86 3.41 0.01	57.56 3.91 0.01	69.93 4.46 0.01	66.03 4.32 0.01	56.56 3.45 0.01	47.61 2.87 -0.01	45.12 2.23 -0.01
ASTORIA_GT_10 24110	42.84 2.13 -0.46	40.64 1.79 -0.01	39.93 1.76 -0.01	39.77 1.64 -0.01	40.62 1.64 -0.01	44.86 2.00 -0.38	59.23 3.51 -0.01	69.11 4.28 -0.01	59.04 3.42 -0.40	56.63 2.98 -11.11	52.35 2.60 -10.43	56.63 2.40 -17.87	41.22 2.28 -2.83	56.59 2.29 -17.99	52.44 2.29 -14.94	54.26 2.49 -16.21	56.63 2.85 -15.32	58.89 3.50 -9.93	63.49 4.02 -5.82	74.33 4.85 -4.00	70.16 4.51 -3.94	58.14 3.61 -1.41	49.59 3.04 -1.81	45.76 2.44 -0.43
ASTORIA_GT_11 24225	42.84 2.13 -0.46	40.64 1.79 -0.01	39.93 1.76 -0.01	39.77 1.64 -0.01	40.62 1.64 -0.01	44.86 2.00 -0.38	59.23 3.51 -0.01	69.11 4.28 -0.01	59.04 3.42 -0.40	56.63 2.98 -11.11	52.35 2.60 -10.43	56.63 2.40 -17.87	41.22 2.28 -2.83	56.59 2.29 -17.99	52.44 2.29 -14.94	54.26 2.49 -16.21	56.63 2.85 -15.32	58.89 3.50 -9.93	63.49 4.02 -5.82	74.33 4.85 -4.00	70.16 4.51 -3.94	58.14 3.61 -1.41	49.59 3.04 -1.81	45.76 2.44 -0.43
ASTORIA_GT_12 24226	42.84 2.13 -0.46	40.64 1.79 -0.01	39.93 1.76 -0.01	39.77 1.64 -0.01	40.62 1.64 -0.01	44.86 2.00 -0.38	59.23 3.51 -0.01	69.11 4.28 -0.01	59.04 3.42 -0.40	56.63 2.98 -11.11	52.35 2.60 -10.43	56.63 2.40 -17.87	41.22 2.28 -2.83	56.59 2.29 -17.99	52.44 2.29 -14.94	54.26 2.49 -16.21	56.63 2.85 -15.32	58.89 3.50 -9.93	63.49 4.02 -5.82	74.33 4.85 -4.00	70.16 4.51 -3.94	58.14 3.61 -1.41	49.59 3.04 -1.81	45.76 2.44 -0.43
ASTORIA_GT_13 24227	42.84 2.13 -0.46	40.64 1.79 -0.01	39.93 1.76 -0.01	39.77 1.64 -0.01	40.62 1.64 -0.01	44.86 2.00 -0.38	59.23 3.51 -0.01	69.11 4.28 -0.01	59.04 3.42 -0.40	56.63 2.98 -11.11	52.35 2.60 -10.43	56.63 2.40 -17.87	41.22 2.28 -2.83	56.59 2.29 -17.99	52.44 2.29 -14.94	54.26 2.49 -16.21	56.63 2.85 -15.32	58.89 3.50 -9.93	63.49 4.02 -5.82	74.33 4.85 -4.00	70.16 4.51 -3.94	58.14 3.61 -1.41	49.59 3.04 -1.81	45.76 2.44 -0.43
ASTORIA_GT_5 24106	42.19 1.93 -0.01	40.44 1.59 -0.01	39.78 1.60 -0.01	39.62 1.49 -0.01	40.47 1.48 -0.01	44.27 1.78 -0.01	58.93 3.23 0.01	68.84 4.02 0.01	58.52 3.31 0.01	45.43 2.89 0.01	41.83 2.52 0.01	38.68 2.33 0.01	38.35 2.24 0.01	38.55 2.25 0.01	37.46 2.25 0.01	38.01 2.45 0.01	41.26 2.81 0.01	48.86 3.41 0.01	57.56 3.92 0.01	70.19 4.71 0.01	66.03 4.32 0.01	56.56 3.45 0.01	47.61 2.86 -0.01	45.12 2.23 -0.01
ASTORIA_GT_7 24107	42.19 1.93 -0.01	40.44 1.59 -0.01	39.78 1.60 -0.01	39.62 1.49 -0.01	40.47 1.48 -0.01	44.27 1.78 -0.01	58.93 3.23 0.01	68.84 4.02 0.01	58.52 3.31 0.01	45.43 2.89 0.01	41.83 2.52 0.01	38.68 2.33 0.01	38.35 2.24 0.01	38.55 2.25 0.01	37.46 2.25 0.01	38.01 2.45 0.01	41.26 2.81 0.01	48.86 3.41 0.01	57.56 3.92 0.01	70.19 4.71 0.01	66.03 4.32 0.01	56.56 3.45 0.01	47.61 2.86 -0.01	45.12 2.23 -0.01
ASTORIA_GT_8 24108	42.19 1.93 -0.01	40.44 1.59 -0.01	39.78 1.60 -0.01	39.62 1.49 -0.01	40.47 1.48 -0.01	44.27 1.78 -0.01	58.93 3.23 0.01	68.84 4.02 0.01	58.52 3.31 0.01	45.43 2.89 0.01	41.83 2.52 0.01	38.68 2.33 0.01	38.35 2.24 0.01	38.55 2.25 0.01	37.46 2.25 0.01	38.01 2.45 0.01	41.26 2.81 0.01	48.86 3.41 0.01	57.56 3.92 0.01	70.19 4.71 0.01	66.03 4.32 0.01	56.56 3.45 0.01	47.61 2.86 -0.01	45.12 2.23 -0.01
ASTORIA___2 24149	42.11 1.85 -0.01	40.37 1.51 -0.01	39.71 1.53 -0.01	39.55 1.41 -0.01	40.47 1.48 -0.01	44.23 1.74 -0.01	58.82 3.12 0.01	68.71 3.89 0.01	58.41 3.20 0.01	45.30 2.76 0.01	41.71 2.40 0.01	38.61 2.26 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.28 2.08 0.01	37.87 2.31 0.01	41.15 2.69 0.01	48.76 3.32 0.01	57.45 3.81 0.01	69.80 4.32 0.01	65.91 4.20 0.01	56.46 3.35 0.01	47.56 2.82 -0.01	45.08 2.19 -0.01
ASTORIA___3 23516	42.84 2.13 -0.46	40.64 1.79 -0.01	39.97 1.79 -0.01	39.77 1.64 -0.01	40.70 1.71 -0.01	44.86 2.00 -0.38	59.23 3.51 -0.01	69.11 4.28 -0.01	59.10 3.48 -0.40	56.63 2.98 -11.11	52.31 2.55 -10.43	56.63 2.40 -17.87	41.22 2.28 -2.83	56.63 2.33 -17.99	52.37 2.22 -14.94	54.23 2.45 -16.21	56.63 2.85 -15.32	58.89 3.50 -9.93	63.49 4.03 -5.82	74.14 4.65 -4.00	70.10 4.45 -3.94	58.14 3.61 -1.41	49.59 3.04 -1.81	45.76 2.44 -0.43
ASTORIA___4 23517	42.84 2.13 -0.46	40.64 1.79 -0.01	39.93 1.76 -0.01	39.77 1.64 -0.01	40.62 1.64 -0.01	44.86 2.00 -0.38	59.23 3.51 -0.01	69.11 4.28 -0.01	59.04 3.42 -0.40	56.63 2.98 -11.11	52.35 2.60 -10.43	56.63 2.40 -17.87	41.22 2.28 -2.83	56.59 2.29 -17.99	52.44 2.29 -14.94	54.26 2.49 -16.21	56.63 2.85 -15.32	58.89 3.50 -9.93	63.49 4.02 -5.82	74.33 4.85 -4.00	70.16 4.51 -3.94	58.14 3.61 -1.41	49.59 3.04 -1.81	45.76 2.44 -0.43
ASTORIA___5 23518	42.84 2.13 -0.46	40.64 1.79 -0.01	39.93 1.76 -0.01	39.77 1.64 -0.01	40.70 1.71 -0.01	44.86 2.00 -0.38	59.23 3.51 -0.01	69.11 4.28 -0.01	59.10 3.48 -0.40	56.63 2.98 -11.11	52.31 2.55 -10.43	56.63 2.40 -17.87	41.22 2.28 -2.83	56.63 2.33 -17.99	52.37 2.22 -14.94	54.23 2.45 -16.21	56.63 2.85 -15.32	58.89 3.50 -9.93	63.49 4.03 -5.82	74.14 4.65 -4.00	70.10 4.45 -3.94	58.14 3.61 -1.41	49.59 3.04 -1.81	45.76 2.44 -0.43
AST_ENERGY_2_CC3 323677	42.06 1.81 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.46 1.33 0.00	40.38 1.40 0.00	44.13 1.66 0.00	58.77 3.06 0.00	68.58 3.76 0.00	58.24 3.04 0.02	45.17 2.64 0.02	41.56 2.24 0.00	38.50 2.14 0.00	38.14 2.02 0.00	38.34 2.03 0.00	37.18 1.97 0.00	37.77 2.21 0.00	41.00 2.54 0.00	48.57 3.13 0.02	57.23 3.60 0.02	69.53 4.06 0.02	65.65 3.95 0.02	56.30 3.19 0.00	47.46 2.73 0.00	45.03 2.14 0.00
AST_ENERGY_2_CC4 323678	42.06 1.81 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.46 1.33 0.00	40.38 1.40 0.00	44.13 1.66 0.00	58.77 3.06 0.00	68.58 3.76 0.00	58.24 3.04 0.02	45.17 2.64 0.02	41.56 2.24 0.00	38.50 2.14 0.00	38.14 2.02 0.00	38.34 2.03 0.00	37.18 1.97 0.00	37.77 2.21 0.00	41.00 2.54 0.00	48.57 3.13 0.02	57.23 3.60 0.02	69.53 4.06 0.02	65.65 3.95 0.02	56.30 3.19 0.00	47.46 2.73 0.00	45.03 2.14 0.00

ATHENS_STG_1 23668	41.30 1.04 0.00	39.77 0.93 0.00	39.08 0.91 0.00	38.96 0.84 0.00	39.87 0.90 0.00	43.46 0.98 0.00	57.27 1.56 0.00	66.58 1.75 0.00	56.60 1.38 0.00	43.78 1.23 0.00	40.30 0.98 0.00	37.30 0.94 0.00	37.09 0.98 0.00	37.29 0.98 0.00	36.16 0.95 0.00	36.60 1.03 0.00	39.69 1.23 0.00	47.05 1.59 0.00	55.53 1.88 0.00	67.45 1.96 0.00	63.56 1.85 0.00	54.66 1.54 0.00	46.08 1.34 0.00	43.87 0.99 0.00
ATHENS_STG_2 23670	41.30 1.04 0.00	39.77 0.93 0.00	39.08 0.91 0.00	38.96 0.84 0.00	39.87 0.90 0.00	43.46 0.98 0.00	57.27 1.56 0.00	66.58 1.75 0.00	56.60 1.38 0.00	43.78 1.23 0.00	40.30 0.98 0.00	37.30 0.94 0.00	37.09 0.98 0.00	37.29 0.98 0.00	36.16 0.95 0.00	36.60 1.03 0.00	39.69 1.23 0.00	47.05 1.59 0.00	55.53 1.88 0.00	67.45 1.96 0.00	63.56 1.85 0.00	54.66 1.54 0.00	46.08 1.34 0.00	43.87 0.99 0.00
ATHENS_STG_3 23677	41.30 1.04 0.00	39.77 0.93 0.00	39.08 0.91 0.00	38.96 0.84 0.00	39.87 0.90 0.00	43.46 0.98 0.00	57.27 1.56 0.00	66.58 1.75 0.00	56.60 1.38 0.00	43.78 1.23 0.00	40.30 0.98 0.00	37.30 0.94 0.00	37.09 0.98 0.00	37.29 0.98 0.00	36.16 0.95 0.00	36.60 1.03 0.00	39.69 1.23 0.00	47.05 1.59 0.00	55.53 1.88 0.00	67.45 1.96 0.00	63.56 1.85 0.00	54.66 1.54 0.00	46.08 1.34 0.00	43.87 0.99 0.00
AUBURN___LFGE 323710	40.37 0.12 0.00	39.00 0.16 0.00	38.25 0.08 0.00	38.24 0.11 0.00	39.09 0.12 0.00	42.69 0.21 0.00	55.71 0.00 0.00	65.15 0.32 0.00	55.33 0.11 0.00	42.50 -0.04 0.00	39.44 0.12 0.00	36.47 0.11 0.00	36.12 0.00 0.00	36.38 0.07 0.00	35.21 0.00 0.00	35.64 0.07 0.00	38.62 0.15 0.00	45.46 0.00 0.00	53.87 0.21 0.00	66.01 0.52 0.00	62.33 0.62 0.00	53.59 0.48 0.00	45.00 0.27 0.00	43.23 0.34 0.00
BABYLON_RES_REC 323704	42.58 2.33 0.00	40.51 1.67 0.00	39.89 1.72 0.00	39.65 1.53 0.00	40.73 1.76 0.00	44.69 2.21 0.00	59.39 3.68 0.00	69.43 4.60 0.00	58.53 3.31 0.00	45.40 2.85 0.00	41.44 2.12 0.00	38.32 1.96 0.00	37.89 1.77 0.00	37.97 1.67 0.01	36.75 1.55 0.01	37.56 1.99 0.00	41.08 2.62 0.00	48.73 3.27 0.00	57.46 3.81 0.00	69.87 4.39 0.00	65.97 4.26 0.00	55.72 2.81 0.20	47.69 2.95 0.00	45.12 2.23 0.00
BABYLON__69_KV_BK2 356345	43.03 2.78 0.00	40.86 2.02 0.00	40.15 1.98 0.00	39.96 1.83 0.00	41.04 2.07 0.00	45.16 2.68 0.00	60.06 4.35 0.00	70.21 5.38 0.00	59.14 3.92 0.00	45.86 3.32 0.00	42.07 2.75 0.00	38.65 2.29 0.00	38.10 1.99 0.00	38.20 1.89 0.00	37.04 1.83 0.00	38.02 2.45 0.00	41.50 3.04 0.00	49.18 3.73 0.00	58.27 4.61 0.00	71.18 5.70 0.00	66.78 5.06 0.00	56.20 3.29 0.21	48.18 3.44 0.00	45.59 2.70 0.00
BALL_HILL_WT_PWR 323825	40.01 -0.24 0.00	38.65 -0.19 0.00	37.94 -0.23 0.00	38.32 0.19 0.00	38.86 -0.12 0.00	42.44 -0.04 0.00	54.43 -1.28 0.00	63.21 -1.62 0.00	54.12 -1.10 0.00	41.23 -1.32 0.00	38.54 -0.79 0.00	35.63 -0.73 0.00	34.93 -1.19 0.00	35.26 -1.05 0.00	33.95 -1.27 0.00	34.36 -1.21 0.00	37.27 -1.19 0.00	43.27 -2.18 0.00	51.50 -2.15 0.00	64.31 -1.18 0.00	60.98 -0.74 0.00	52.58 -0.53 0.00	44.20 -0.53 0.00	43.32 0.43 0.00
BARON_WINDS___WT_PWR 323822	40.01 -0.24 0.00	38.65 -0.19 0.00	37.90 -0.27 0.00	38.16 0.04 0.00	38.86 -0.12 0.00	42.48 0.00 0.00	54.88 -0.83 0.00	63.79 -1.04 0.00	54.06 -1.16 0.00	41.27 -1.28 0.00	38.30 -1.02 0.00	35.19 -1.16 0.00	34.60 -1.52 0.00	34.89 -1.42 0.00	33.70 -1.51 0.00	34.08 -1.49 0.00	36.96 -1.50 0.00	43.41 -2.04 0.00	51.88 -1.77 0.00	64.44 -1.05 0.00	60.79 -0.92 0.00	52.53 -0.58 0.00	44.02 -0.72 0.00	42.84 -0.04 0.00
BARRETT_IC_1 23704	42.30 2.05 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.77 3.06 0.00	68.58 3.76 0.00	58.09 2.87 0.00	45.23 2.68 0.00	41.40 2.08 0.00	38.28 1.93 0.00	37.92 1.81 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.56 1.99 0.00	40.96 2.50 0.00	48.59 3.13 0.00	57.09 3.44 0.00	69.28 3.80 0.00	65.42 3.70 0.00	55.55 2.44 0.01	47.56 2.82 0.00	45.03 2.14 0.00
BARRETT_IC_10 23701	42.30 2.05 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.77 3.06 0.00	68.58 3.76 0.00	58.09 2.87 0.00	45.23 2.68 0.00	41.40 2.08 0.00	38.28 1.93 0.00	37.92 1.81 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.56 1.99 0.00	40.96 2.50 0.00	48.59 3.13 0.00	57.09 3.44 0.00	69.28 3.80 0.00	65.42 3.70 0.00	55.55 2.44 0.01	47.56 2.82 0.00	45.03 2.14 0.00
BARRETT_IC_11 23702	42.30 2.05 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.77 3.06 0.00	68.58 3.76 0.00	58.09 2.87 0.00	45.23 2.68 0.00	41.40 2.08 0.00	38.28 1.93 0.00	37.92 1.81 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.56 1.99 0.00	40.96 2.50 0.00	48.59 3.13 0.00	57.09 3.44 0.00	69.28 3.80 0.00	65.42 3.70 0.00	55.55 2.44 0.01	47.56 2.82 0.00	45.03 2.14 0.00
BARRETT_IC_12 23703	42.30 2.05 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.77 3.06 0.00	68.58 3.76 0.00	58.09 2.87 0.00	45.23 2.68 0.00	41.40 2.08 0.00	38.28 1.93 0.00	37.92 1.81 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.56 1.99 0.00	40.96 2.50 0.00	48.59 3.13 0.00	57.09 3.44 0.00	69.28 3.80 0.00	65.42 3.70 0.00	55.55 2.44 0.01	47.56 2.82 0.00	45.03 2.14 0.00
BARRETT_IC_2 23705	42.30 2.05 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.77 3.06 0.00	68.58 3.76 0.00	58.09 2.87 0.00	45.23 2.68 0.00	41.40 2.08 0.00	38.28 1.93 0.00	37.92 1.81 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.56 1.99 0.00	40.96 2.50 0.00	48.59 3.13 0.00	57.09 3.44 0.00	69.28 3.80 0.00	65.42 3.70 0.00	55.55 2.44 0.01	47.56 2.82 0.00	45.03 2.14 0.00
BARRETT_IC_3 23706	42.30 2.05 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.77 3.06 0.00	68.58 3.76 0.00	58.09 2.87 0.00	45.23 2.68 0.00	41.40 2.08 0.00	38.28 1.93 0.00	37.92 1.81 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.56 1.99 0.00	40.96 2.50 0.00	48.59 3.13 0.00	57.09 3.44 0.00	69.28 3.80 0.00	65.42 3.70 0.00	55.55 2.44 0.01	47.56 2.82 0.00	45.03 2.14 0.00
BARRETT_IC_4 23707	42.30 2.05 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.77 3.06 0.00	68.58 3.76 0.00	58.09 2.87 0.00	45.23 2.68 0.00	41.40 2.08 0.00	38.28 1.93 0.00	37.92 1.81 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.56 1.99 0.00	40.96 2.50 0.00	48.59 3.13 0.00	57.09 3.44 0.00	69.28 3.80 0.00	65.42 3.70 0.00	55.55 2.44 0.01	47.56 2.82 0.00	45.03 2.14 0.00

BARRETT_IC_5 23708	42.30 2.05 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.77 3.06 0.00	68.58 3.76 0.00	58.09 2.87 0.00	45.23 2.68 0.00	41.40 2.08 0.00	38.28 1.93 0.00	37.92 1.81 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.56 1.99 0.00	40.96 2.50 0.00	48.59 3.13 0.00	57.09 3.44 0.00	69.28 3.80 0.00	65.42 3.70 0.00	55.55 2.44 0.01	47.56 2.82 0.00	45.03 2.14 0.00
BARRETT_IC_6 23709	42.30 2.05 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.77 3.06 0.00	68.58 3.76 0.00	58.09 2.87 0.00	45.23 2.68 0.00	41.40 2.08 0.00	38.28 1.93 0.00	37.92 1.81 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.56 1.99 0.00	40.96 2.50 0.00	48.59 3.13 0.00	57.09 3.44 0.00	69.28 3.80 0.00	65.42 3.70 0.00	55.55 2.44 0.01	47.56 2.82 0.00	45.03 2.14 0.00
BARRETT_IC_7 23710	42.30 2.05 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.46 1.48 0.00	44.39 1.91 0.00	58.77 3.06 0.00	68.59 3.76 0.00	58.09 2.87 0.00	45.31 2.77 0.00	41.60 2.28 0.00	38.32 1.96 0.00	37.92 1.81 0.00	38.05 1.74 0.00	36.90 1.69 0.00	37.70 2.13 0.00	41.04 2.58 0.00	48.64 3.18 0.00	57.14 3.49 0.00	69.68 4.19 0.00	65.42 3.70 0.00	55.60 2.50 0.01	47.55 2.82 0.00	45.07 2.19 0.00
BARRETT_IC_8 23711	42.30 2.05 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.77 3.06 0.00	68.58 3.76 0.00	58.09 2.87 0.00	45.23 2.68 0.00	41.40 2.08 0.00	38.28 1.93 0.00	37.92 1.81 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.56 1.99 0.00	40.96 2.50 0.00	48.59 3.13 0.00	57.09 3.44 0.00	69.28 3.80 0.00	65.42 3.70 0.00	55.55 2.44 0.01	47.56 2.82 0.00	45.03 2.14 0.00
BARRETT_IC_9 23700	42.30 2.05 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.77 3.06 0.00	68.58 3.76 0.00	58.09 2.87 0.00	45.23 2.68 0.00	41.40 2.08 0.00	38.28 1.93 0.00	37.92 1.81 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.56 1.99 0.00	40.96 2.50 0.00	48.59 3.13 0.00	57.09 3.44 0.00	69.28 3.80 0.00	65.42 3.70 0.00	55.55 2.44 0.01	47.56 2.82 0.00	45.03 2.14 0.00
BARRETT___1 23545	42.30 2.05 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.77 3.06 0.00	68.58 3.76 0.00	58.09 2.87 0.00	45.23 2.68 0.00	41.40 2.08 0.00	38.28 1.93 0.00	37.92 1.81 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.56 1.99 0.00	40.96 2.50 0.00	48.59 3.13 0.00	57.09 3.44 0.00	69.28 3.80 0.00	65.42 3.70 0.00	55.55 2.44 0.01	47.56 2.82 0.00	45.03 2.14 0.00
BARRETT___2 23546	42.30 2.05 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.77 3.06 0.00	68.58 3.76 0.00	58.09 2.87 0.00	45.23 2.68 0.00	41.40 2.08 0.00	38.28 1.93 0.00	37.92 1.81 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.56 1.99 0.00	40.96 2.50 0.00	48.59 3.13 0.00	57.09 3.44 0.00	69.28 3.80 0.00	65.42 3.70 0.00	55.55 2.44 0.01	47.56 2.82 0.00	45.03 2.14 0.00
BATAVIA__115KV_TB1 55881	39.77 -0.48 0.00	38.42 -0.43 0.00	37.67 -0.50 0.00	37.94 -0.19 0.00	38.59 -0.39 0.00	42.35 -0.13 0.00	54.32 -1.39 0.00	63.46 -1.36 0.00	54.17 -1.05 0.00	41.23 -1.32 0.00	38.73 -0.59 0.00	35.74 -0.62 0.00	35.14 -0.98 0.00	35.48 -0.84 0.00	34.26 -0.95 0.00	34.64 -0.92 0.00	37.62 -0.85 0.00	43.73 -1.73 0.00	51.94 -1.72 0.00	63.98 -1.51 0.00	61.53 -0.19 0.00	53.01 -0.11 0.00	44.47 -0.27 0.00	43.14 0.26 0.00
BAYONEEC___CTG1 323682	42.06 1.81 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.46 1.33 0.00	40.38 1.40 0.00	44.18 1.70 0.00	58.88 3.17 0.00	68.72 3.89 0.00	58.31 3.09 0.00	45.23 2.68 0.00	41.60 2.28 0.00	38.54 2.18 0.00	38.18 2.06 0.00	38.38 2.07 0.00	37.22 2.01 0.00	37.81 2.24 0.00	41.04 2.58 0.00	48.64 3.18 0.00	57.30 3.65 0.00	69.68 4.19 0.00	65.72 4.01 0.00	56.36 3.24 0.00	47.51 2.77 0.00	45.07 2.19 0.00
BAYONEEC___CTG10 323750	42.06 1.81 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.46 1.33 0.00	40.38 1.40 0.00	44.18 1.70 0.00	58.88 3.17 0.00	68.72 3.89 0.00	58.31 3.09 0.00	45.23 2.68 0.00	41.60 2.28 0.00	38.54 2.18 0.00	38.18 2.06 0.00	38.38 2.07 0.00	37.22 2.01 0.00	37.81 2.24 0.00	41.04 2.58 0.00	48.64 3.18 0.00	57.30 3.65 0.00	69.68 4.19 0.00	65.72 4.01 0.00	56.36 3.24 0.00	47.51 2.77 0.00	45.07 2.19 0.00
BAYONEEC___CTG2 323683	42.06 1.81 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.46 1.33 0.00	40.38 1.40 0.00	44.18 1.70 0.00	58.88 3.17 0.00	68.72 3.89 0.00	58.31 3.09 0.00	45.23 2.68 0.00	41.60 2.28 0.00	38.54 2.18 0.00	38.18 2.06 0.00	38.38 2.07 0.00	37.22 2.01 0.00	37.81 2.24 0.00	41.04 2.58 0.00	48.64 3.18 0.00	57.30 3.65 0.00	69.68 4.19 0.00	65.72 4.01 0.00	56.36 3.24 0.00	47.51 2.77 0.00	45.07 2.19 0.00
BAYONEEC___CTG3 323684	42.06 1.81 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.46 1.33 0.00	40.38 1.40 0.00	44.18 1.70 0.00	58.88 3.17 0.00	68.72 3.89 0.00	58.31 3.09 0.00	45.23 2.68 0.00	41.60 2.28 0.00	38.54 2.18 0.00	38.18 2.06 0.00	38.38 2.07 0.00	37.22 2.01 0.00	37.81 2.24 0.00	41.04 2.58 0.00	48.64 3.18 0.00	57.30 3.65 0.00	69.68 4.19 0.00	65.72 4.01 0.00	56.36 3.24 0.00	47.51 2.77 0.00	45.07 2.19 0.00
BAYONEEC___CTG4 323685	42.06 1.81 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.46 1.33 0.00	40.38 1.40 0.00	44.18 1.70 0.00	58.88 3.17 0.00	68.72 3.89 0.00	58.31 3.09 0.00	45.23 2.68 0.00	41.60 2.28 0.00	38.54 2.18 0.00	38.18 2.06 0.00	38.38 2.07 0.00	37.22 2.01 0.00	37.81 2.24 0.00	41.04 2.58 0.00	48.64 3.18 0.00	57.30 3.65 0.00	69.68 4.19 0.00	65.72 4.01 0.00	56.36 3.24 0.00	47.51 2.77 0.00	45.07 2.19 0.00
BAYONEEC___CTG5 323686	42.06 1.81 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.46 1.33 0.00	40.38 1.40 0.00	44.18 1.70 0.00	58.88 3.17 0.00	68.72 3.89 0.00	58.31 3.09 0.00	45.23 2.68 0.00	41.60 2.28 0.00	38.54 2.18 0.00	38.18 2.06 0.00	38.38 2.07 0.00	37.22 2.01 0.00	37.81 2.24 0.00	41.04 2.58 0.00	48.64 3.18 0.00	57.30 3.65 0.00	69.68 4.19 0.00	65.72 4.01 0.00	56.36 3.24 0.00	47.51 2.77 0.00	45.07 2.19 0.00
BAYONEEC___CTG6 323687	42.06 1.81 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.46 1.33 0.00	40.38 1.40 0.00	44.18 1.70 0.00	58.88 3.17 0.00	68.72 3.89 0.00	58.31 3.09 0.00	45.23 2.68 0.00	41.60 2.28 0.00	38.54 2.18 0.00	38.18 2.06 0.00	38.38 2.07 0.00	37.22 2.01 0.00	37.81 2.24 0.00	41.04 2.58 0.00	48.64 3.18 0.00	57.30 3.65 0.00	69.68 4.19 0.00	65.72 4.01 0.00	56.36 3.24 0.00	47.51 2.77 0.00	45.07 2.19 0.00

BAYONEEC___CTG7 323688	42.06 1.81 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.46 1.33 0.00	40.38 1.40 0.00	44.18 1.70 0.00	58.88 3.17 0.00	68.72 3.89 0.00	58.31 3.09 0.00	45.23 2.68 0.00	41.60 2.28 0.00	38.54 2.18 0.00	38.18 2.06 0.00	38.38 2.07 0.00	37.22 2.01 0.00	37.81 2.24 0.00	41.04 2.58 0.00	48.64 3.18 0.00	57.30 3.65 0.00	69.68 4.19 0.00	65.72 4.01 0.00	56.36 3.24 0.00	47.51 2.77 0.00	45.07 2.19 0.00
BAYONEEC___CTG8 323689	42.06 1.81 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.46 1.33 0.00	40.38 1.40 0.00	44.18 1.70 0.00	58.88 3.17 0.00	68.72 3.89 0.00	58.31 3.09 0.00	45.23 2.68 0.00	41.60 2.28 0.00	38.54 2.18 0.00	38.18 2.06 0.00	38.38 2.07 0.00	37.22 2.01 0.00	37.81 2.24 0.00	41.04 2.58 0.00	48.64 3.18 0.00	57.30 3.65 0.00	69.68 4.19 0.00	65.72 4.01 0.00	56.36 3.24 0.00	47.51 2.77 0.00	45.07 2.19 0.00
BAYONEEC___CTG9 323749	42.06 1.81 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.46 1.33 0.00	40.38 1.40 0.00	44.18 1.70 0.00	58.88 3.17 0.00	68.72 3.89 0.00	58.31 3.09 0.00	45.23 2.68 0.00	41.60 2.28 0.00	38.54 2.18 0.00	38.18 2.06 0.00	38.38 2.07 0.00	37.22 2.01 0.00	37.81 2.24 0.00	41.04 2.58 0.00	48.64 3.18 0.00	57.30 3.65 0.00	69.68 4.19 0.00	65.72 4.01 0.00	56.36 3.24 0.00	47.51 2.77 0.00	45.07 2.19 0.00
BEACON___LESR 323632	41.46 1.21 0.00	39.93 1.09 0.00	39.20 1.03 0.00	38.85 0.72 0.00	39.76 0.78 0.00	43.33 0.85 0.00	57.21 1.50 0.00	66.51 1.68 0.00	56.49 1.27 0.00	43.52 0.98 0.00	40.03 0.71 0.00	37.12 0.76 0.00	36.84 0.72 0.00	37.04 0.73 0.00	36.16 0.95 0.00	36.56 0.99 0.00	39.42 0.96 0.00	46.73 1.27 0.00	55.26 1.61 0.00	67.25 1.77 0.00	63.32 1.60 0.00	54.49 1.38 0.00	45.81 1.07 0.00	43.70 0.81 0.00
BEAVER RIVER___HYD 24048	39.97 -0.28 0.00	38.61 -0.23 0.00	37.98 -0.19 0.00	38.01 -0.11 0.00	38.90 -0.08 0.00	42.65 0.17 0.00	56.10 0.39 0.00	65.34 0.52 0.00	55.33 0.11 0.00	42.25 -0.30 0.00	38.89 -0.43 0.00	35.71 -0.65 0.00	35.50 -0.61 0.00	35.59 -0.73 0.00	34.47 -0.74 0.00	34.86 -0.71 0.00	37.73 -0.73 0.00	44.78 -0.68 0.00	53.60 -0.05 0.00	66.14 0.65 0.00	62.33 0.62 0.00	53.59 0.48 0.00	44.96 0.22 0.00	43.15 0.26 0.00
BEEBEE_GT_13 23619	39.49 -0.76 0.00	38.14 -0.70 0.00	37.37 -0.80 0.00	37.55 -0.57 0.00	38.28 -0.70 0.00	41.88 -0.59 0.00	53.98 -1.73 0.00	63.01 -1.82 0.00	53.73 -1.49 0.00	41.14 -1.40 0.00	38.53 -0.79 0.00	35.63 -0.73 0.00	35.18 -0.94 0.00	35.44 -0.87 0.00	34.30 -0.92 0.00	34.64 -0.92 0.00	37.54 -0.92 0.00	43.82 -1.64 0.00	51.88 -1.77 0.00	63.59 -1.90 0.00	60.79 -0.93 0.00	52.42 -0.69 0.00	43.97 -0.76 0.00	42.54 -0.34 0.00
BENSHRST_27_KV_BENSHRST_1 355998	55.12 2.58 -12.30	54.36 2.21 -13.30	55.07 2.18 -14.72	54.39 2.06 -14.21	54.32 2.07 -13.28	55.18 2.46 -10.24	59.84 4.12 -0.01	69.76 4.93 -0.01	61.92 3.98 -2.72	69.74 3.32 -23.87	67.41 2.87 -25.22	74.66 2.65 -35.65	58.26 2.53 -19.62	74.63 2.58 -35.74	71.55 2.54 -33.80	72.84 2.77 -34.50	73.54 3.19 -31.88	69.75 3.91 -20.39	98.64 4.56 -40.42	98.83 5.57 -27.78	98.69 5.18 -31.79	67.03 4.14 -9.77	60.75 3.44 -12.57	57.20 2.87 -11.44
BETHLEHEM___GRP 23843	40.81 0.56 0.00	39.31 0.47 0.00	38.63 0.46 0.00	38.51 0.38 0.00	39.41 0.43 0.00	42.65 0.17 0.00	56.16 0.45 0.00	65.22 0.39 0.00	55.39 0.17 0.00	42.76 0.21 0.00	39.40 0.08 0.00	36.58 0.22 0.00	36.37 0.25 0.00	36.53 0.22 0.00	35.50 0.28 0.00	35.89 0.32 0.00	38.85 0.38 0.00	46.00 0.55 0.00	54.35 0.70 0.00	66.21 0.72 0.00	62.21 0.49 0.00	53.54 0.42 0.00	45.05 0.31 0.00	42.97 0.09 0.00
BETHLEHEM___GS1 323560	40.81 0.56 0.00	39.31 0.47 0.00	38.63 0.46 0.00	38.28 0.15 0.00	39.09 0.12 0.00	42.61 0.13 0.00	56.15 0.44 0.00	65.22 0.39 0.00	55.39 0.17 0.00	42.76 0.21 0.00	39.40 0.08 0.00	36.58 0.22 0.00	36.37 0.25 0.00	36.53 0.22 0.00	35.71 0.49 0.00	36.10 0.53 0.00	38.85 0.38 0.00	46.00 0.55 0.00	54.35 0.70 0.00	66.01 0.52 0.00	62.21 0.49 0.00	53.54 0.42 0.00	45.05 0.32 0.00	42.93 0.04 0.00
BETHLEHEM___GS2 323561	40.81 0.56 0.00	39.31 0.47 0.00	38.63 0.46 0.00	38.28 0.15 0.00	39.09 0.12 0.00	42.61 0.13 0.00	56.15 0.44 0.00	65.22 0.39 0.00	55.39 0.17 0.00	42.76 0.21 0.00	39.40 0.08 0.00	36.58 0.22 0.00	36.37 0.25 0.00	36.53 0.22 0.00	35.71 0.49 0.00	36.10 0.53 0.00	38.85 0.38 0.00	46.00 0.55 0.00	54.35 0.70 0.00	66.01 0.52 0.00	62.21 0.49 0.00	53.54 0.42 0.00	45.05 0.32 0.00	42.93 0.04 0.00
BETHLEHEM___GS3 323562	40.81 0.56 0.00	39.31 0.47 0.00	38.63 0.46 0.00	38.28 0.15 0.00	39.09 0.12 0.00	42.61 0.13 0.00	56.15 0.44 0.00	65.22 0.39 0.00	55.39 0.17 0.00	42.76 0.21 0.00	39.40 0.08 0.00	36.58 0.22 0.00	36.37 0.25 0.00	36.53 0.22 0.00	35.71 0.49 0.00	36.10 0.53 0.00	38.85 0.38 0.00	46.00 0.55 0.00	54.35 0.70 0.00	66.01 0.52 0.00	62.21 0.49 0.00	53.54 0.42 0.00	45.05 0.32 0.00	42.93 0.04 0.00
BETHLEHEM___STEEL 23779	39.37 -0.89 0.00	38.03 -0.82 0.00	37.33 -0.84 0.00	37.59 -0.53 0.00	38.20 -0.78 0.00	41.84 -0.64 0.00	53.43 -2.28 0.00	62.04 -2.79 0.00	53.34 -1.88 0.00	40.72 -1.83 0.00	38.18 -1.14 0.00	35.38 -0.98 0.00	34.71 -1.41 0.00	35.04 -1.27 0.00	33.81 -1.41 0.00	34.18 -1.39 0.00	37.08 -1.38 0.00	42.91 -2.55 0.00	50.92 -2.74 0.00	62.41 -3.08 0.00	60.11 -1.60 0.00	51.84 -1.27 0.00	43.66 -1.07 0.00	42.59 -0.30 0.00
BETHLHEM_115KV_TB1 79974	40.89 0.64 0.00	39.39 0.54 0.00	38.70 0.53 0.00	38.58 0.46 0.00	39.48 0.51 0.00	42.73 0.25 0.00	56.27 0.56 0.00	65.34 0.52 0.00	55.55 0.33 0.00	42.89 0.34 0.00	39.52 0.20 0.00	36.65 0.29 0.00	36.44 0.33 0.00	36.60 0.29 0.00	35.57 0.35 0.00	35.99 0.43 0.00	38.92 0.46 0.00	46.14 0.68 0.00	54.51 0.86 0.00	66.34 0.85 0.00	62.39 0.68 0.00	53.65 0.53 0.00	45.14 0.40 0.00	43.10 0.21 0.00
BETHPAGE_CC_5 323564	42.50 2.25 0.00	40.48 1.63 0.00	39.81 1.64 0.00	39.57 1.45 0.00	40.65 1.67 0.00	44.52 2.04 0.00	59.11 3.40 0.00	69.10 4.28 0.00	58.37 3.15 0.00	45.31 2.76 0.00	41.44 2.12 0.00	38.36 2.00 0.00	37.96 1.84 0.00	38.05 1.74 0.01	36.83 1.62 0.01	37.59 2.03 0.00	41.08 2.62 0.00	48.68 3.23 0.00	57.30 3.65 0.00	69.68 4.19 0.00	65.79 4.07 0.00	55.63 2.71 0.19	47.60 2.87 0.00	45.12 2.23 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.45 -0.81 0.00	38.14 -0.70 0.00	37.44 -0.73 0.00	37.71 -0.42 0.00	38.31 -0.66 0.00	41.97 -0.51 0.00	53.65 -2.06 0.00	62.30 -2.53 0.00	53.56 -1.66 0.00	40.84 -1.70 0.00	38.30 -1.02 0.00	35.49 -0.87 0.00	34.78 -1.34 0.00	35.11 -1.20 0.00	33.88 -1.34 0.00	34.29 -1.28 0.00	37.15 -1.31 0.00	43.00 -2.45 0.00	51.08 -2.58 0.00	62.67 -2.82 0.00	60.36 -1.36 0.00	52.00 -1.12 0.00	43.75 -0.98 0.00	42.72 -0.17 0.00

BINGHAMTON___COGEN 23790	40.53 0.28 0.00	39.15 0.31 0.00	38.44 0.27 0.00	38.47 0.34 0.00	39.29 0.31 0.00	42.90 0.42 0.00	55.99 0.28 0.00	65.28 0.45 0.00	55.50 0.28 0.00	42.63 0.09 0.00	39.52 0.20 0.00	36.50 0.15 0.00	36.15 0.04 0.00	36.42 0.11 0.00	35.21 0.00 0.00	35.64 0.07 0.00	38.62 0.15 0.00	45.50 0.05 0.00	53.87 0.21 0.00	65.94 0.46 0.00	62.33 0.62 0.00	53.65 0.53 0.00	45.09 0.36 0.00	43.40 0.51 0.00
BIXINCNT_115KV_LOAD 355685	39.89 -0.36 0.00	38.57 -0.27 0.00	37.90 -0.27 0.00	38.13 0.00 0.00	38.74 -0.23 0.00	42.48 0.00 0.00	54.54 -1.17 0.00	63.34 -1.49 0.00	54.39 -0.83 0.00	41.40 -1.15 0.00	38.69 -0.63 0.00	35.81 -0.55 0.00	35.07 -1.05 0.00	35.33 -0.98 0.00	34.02 -1.20 0.00	34.36 -1.21 0.00	37.19 -1.27 0.00	43.05 -2.41 0.00	51.34 -2.31 0.00	63.26 -2.23 0.00	60.91 -0.80 0.00	52.48 -0.64 0.00	44.15 -0.58 0.00	43.06 0.17 0.00
BLACK RIVER___HYD 24047	40.49 0.24 0.00	39.12 0.27 0.00	38.40 0.23 0.00	38.51 0.38 0.00	39.37 0.39 0.00	43.20 0.72 0.00	56.66 0.95 0.00	66.12 1.30 0.00	55.88 0.67 0.00	42.63 0.09 0.00	39.24 -0.08 0.00	36.00 -0.36 0.00	35.83 -0.29 0.00	35.95 -0.36 0.00	34.79 -0.42 0.00	35.28 -0.29 0.00	38.23 -0.23 0.00	45.32 -0.14 0.00	54.40 0.75 0.00	67.45 1.96 0.00	63.56 1.85 0.00	54.60 1.49 0.00	45.68 0.94 0.00	43.83 0.94 0.00
BLACKRVR_115KV_TB2 79977	40.49 0.24 0.00	39.12 0.27 0.00	38.40 0.23 0.00	38.47 0.34 0.00	39.33 0.35 0.00	43.20 0.72 0.00	56.66 0.95 0.00	66.12 1.30 0.00	55.88 0.66 0.00	42.63 0.09 0.00	39.24 -0.08 0.00	36.00 -0.36 0.00	35.83 -0.29 0.00	35.95 -0.36 0.00	34.83 -0.39 0.00	35.28 -0.28 0.00	38.23 -0.23 0.00	45.32 -0.14 0.00	54.40 0.75 0.00	67.38 1.90 0.00	63.57 1.85 0.00	54.60 1.49 0.00	45.67 0.94 0.00	43.79 0.90 0.00
BLISS_WT_PWR 323608	39.93 -0.32 0.00	38.61 -0.23 0.00	37.94 -0.23 0.00	38.36 0.23 0.00	38.86 -0.12 0.00	42.48 0.00 0.00	54.54 -1.17 0.00	63.40 -1.43 0.00	54.39 -0.83 0.00	41.40 -1.15 0.00	38.69 -0.63 0.00	35.81 -0.54 0.00	35.03 -1.08 0.00	35.29 -1.02 0.00	33.98 -1.23 0.00	34.29 -1.28 0.00	37.12 -1.35 0.00	42.96 -2.50 0.00	51.24 -2.41 0.00	64.11 -1.38 0.00	60.85 -0.86 0.00	52.42 -0.69 0.00	44.02 -0.72 0.00	43.15 0.26 0.00
BLUESTONE___WT_PWR 323821	42.42 2.17 0.00	40.98 2.14 0.00	40.23 2.06 0.00	40.38 2.25 0.00	41.28 2.30 0.00	45.20 2.72 0.00	59.33 3.62 0.00	69.36 4.54 0.00	58.86 3.64 0.00	44.88 2.34 0.00	41.21 1.89 0.00	37.85 1.49 0.00	37.56 1.45 0.00	37.77 1.45 0.00	36.45 1.23 0.00	37.03 1.46 0.00	40.15 1.69 0.00	47.36 1.91 0.00	56.39 2.73 0.00	69.61 4.13 0.00	65.48 3.77 0.00	56.36 3.24 0.00	47.24 2.50 0.00	45.42 2.53 0.00
BLUE_CIRC_CHEM_DRP 24182	41.30 1.05 0.00	39.82 0.97 0.00	39.12 0.95 0.00	39.00 0.88 0.00	39.91 0.94 0.00	43.33 0.85 0.00	56.94 1.23 0.00	66.12 1.30 0.00	56.10 0.88 0.00	43.18 0.64 0.00	39.75 0.43 0.00	36.83 0.47 0.00	36.59 0.47 0.00	36.78 0.47 0.00	35.74 0.53 0.00	36.14 0.57 0.00	39.15 0.69 0.00	46.46 1.00 0.00	54.99 1.34 0.00	66.99 1.51 0.00	63.07 1.36 0.00	54.28 1.17 0.00	45.67 0.94 0.00	43.70 0.81 0.00
BOC_GAS_DRP 24189	40.98 0.72 0.00	39.50 0.66 0.00	38.82 0.65 0.00	38.70 0.57 0.00	39.60 0.62 0.00	43.03 0.55 0.00	56.66 0.95 0.00	65.80 0.97 0.00	55.94 0.72 0.00	43.23 0.68 0.00	39.83 0.51 0.00	36.87 0.51 0.00	36.66 0.54 0.00	36.86 0.54 0.00	35.78 0.56 0.00	36.21 0.64 0.00	39.19 0.73 0.00	46.46 1.00 0.00	54.83 1.18 0.00	66.73 1.24 0.00	62.83 1.11 0.00	54.07 0.96 0.00	45.50 0.76 0.00	43.44 0.56 0.00
BOONVILLE_115KV_TB1 79983	40.85 0.60 0.00	39.43 0.58 0.00	38.74 0.57 0.00	38.77 0.65 0.00	39.64 0.66 0.00	43.41 0.93 0.00	57.05 1.34 0.00	66.51 1.69 0.00	56.49 1.27 0.00	43.27 0.72 0.00	39.83 0.51 0.00	36.69 0.33 0.00	36.48 0.36 0.00	36.60 0.29 0.00	35.46 0.25 0.00	35.92 0.36 0.00	38.92 0.46 0.00	46.05 0.59 0.00	54.83 1.18 0.00	67.32 1.83 0.00	63.44 1.73 0.00	54.60 1.49 0.00	45.81 1.07 0.00	43.92 1.03 0.00
BORALEX_4TH_BRANCH 23824	41.70 1.45 0.00	40.13 1.28 0.00	39.43 1.26 0.00	39.31 1.18 0.00	40.30 1.33 0.00	44.01 1.53 0.00	58.38 2.67 0.00	67.35 2.53 0.00	57.21 1.99 0.00	44.29 1.74 0.00	40.66 1.34 0.00	37.74 1.38 0.00	37.38 1.26 0.00	37.58 1.27 0.00	36.48 1.27 0.00	37.03 1.46 0.00	40.23 1.77 0.00	47.82 2.36 0.00	56.39 2.74 0.00	68.56 3.08 0.00	64.37 2.65 0.00	55.35 2.23 0.00	46.52 1.79 0.00	44.30 1.42 0.00
BOWLINE___1 23526	41.58 1.33 0.00	39.93 1.09 0.00	39.28 1.11 0.00	39.12 0.99 0.00	40.03 1.05 0.00	43.75 1.27 0.00	58.10 2.39 0.00	67.68 2.85 0.00	57.43 2.21 0.00	44.50 1.96 0.00	40.93 1.61 0.00	37.89 1.53 0.00	37.60 1.48 0.00	37.80 1.49 0.00	36.66 1.44 0.00	37.17 1.60 0.00	40.38 1.92 0.00	47.91 2.45 0.00	56.49 2.84 0.00	68.69 3.21 0.00	64.80 3.08 0.00	55.56 2.44 0.00	46.79 2.06 0.00	44.47 1.59 0.00
BOWLINE___2 23595	41.58 1.33 0.00	39.93 1.09 0.00	39.28 1.11 0.00	39.12 0.99 0.00	40.03 1.05 0.00	43.75 1.27 0.00	58.05 2.34 0.00	67.68 2.85 0.00	57.43 2.21 0.00	44.50 1.96 0.00	40.93 1.61 0.00	37.89 1.53 0.00	37.60 1.48 0.00	37.80 1.49 0.00	36.66 1.44 0.00	37.17 1.60 0.00	40.38 1.92 0.00	47.91 2.45 0.00	56.49 2.84 0.00	68.69 3.21 0.00	64.80 3.08 0.00	55.56 2.44 0.00	46.79 2.06 0.00	44.47 1.59 0.00
BRADY___115KV_TB2 356060	40.37 0.12 0.00	39.08 0.23 0.00	38.44 0.27 0.00	38.43 0.31 0.00	39.29 0.31 0.00	42.99 0.51 0.00	56.55 0.84 0.00	65.67 0.84 0.00	55.83 0.61 0.00	42.63 0.09 0.00	39.32 0.00 0.00	36.21 -0.15 0.00	36.08 -0.04 0.00	36.20 -0.11 0.00	35.11 -0.11 0.00	35.07 -0.50 0.00	37.85 -0.62 0.00	44.96 -0.50 0.00	53.22 -0.43 0.00	65.29 -0.20 0.00	61.47 -0.25 0.00	52.96 -0.16 0.00	44.74 0.00 0.00	43.19 0.30 0.00
BRANSCOMB___SOLAR 323811	41.66 1.41 0.00	40.12 1.28 0.00	39.39 1.22 0.00	39.27 1.14 0.00	40.22 1.25 0.00	43.97 1.49 0.00	58.05 2.34 0.00	67.49 2.66 0.00	57.26 2.04 0.00	44.41 1.87 0.00	40.73 1.41 0.00	37.74 1.38 0.00	37.35 1.23 0.00	37.55 1.24 0.00	36.45 1.23 0.00	36.81 1.24 0.00	40.00 1.54 0.00	47.18 1.73 0.00	55.90 2.25 0.00	68.24 2.75 0.00	64.25 2.53 0.00	55.18 2.07 0.00	46.48 1.74 0.00	44.39 1.50 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	42.87 2.62 0.00	40.71 1.86 0.00	40.00 1.83 0.00	39.84 1.72 0.00	40.93 1.95 0.00	45.03 2.55 0.00	59.89 4.18 0.00	69.95 5.12 0.00	58.92 3.70 0.00	45.74 3.19 0.00	41.96 2.63 0.00	38.54 2.18 0.00	38.00 1.88 0.00	38.05 1.74 0.00	36.90 1.69 0.00	37.92 2.35 0.00	41.31 2.85 0.00	48.96 3.50 0.00	57.89 4.24 0.00	70.72 5.24 0.00	66.28 4.57 0.00	55.81 2.92 0.22	47.91 3.18 0.00	45.33 2.44 0.00

BRISTLHL_115KV_TB1 79998	39.65 -0.60 0.00	38.26 -0.58 0.00	37.56 -0.61 0.00	37.55 -0.57 0.00	38.39 -0.58 0.00	41.80 -0.68 0.00	54.43 -1.28 0.00	63.53 -1.30 0.00	54.00 -1.21 0.00	41.61 -0.94 0.00	38.61 -0.71 0.00	35.70 -0.65 0.00	35.47 -0.65 0.00	35.69 -0.62 0.00	34.58 -0.63 0.00	34.96 -0.60 0.00	37.81 -0.65 0.00	44.55 -0.91 0.00	52.69 -0.97 0.00	64.57 -0.92 0.00	60.85 -0.86 0.00	52.37 -0.74 0.00	43.97 -0.76 0.00	42.29 -0.60 0.00
BROOKHAVEN___DRP 24191	42.55 2.29 0.00	40.28 1.44 0.00	39.58 1.41 0.00	39.50 1.37 0.00	40.58 1.60 0.00	44.69 2.21 0.00	59.44 3.73 0.00	69.30 4.47 0.00	58.15 2.93 0.00	45.10 2.55 0.00	41.41 2.08 0.00	37.92 1.56 0.00	37.38 1.26 0.00	37.44 1.13 0.00	36.27 1.06 0.00	37.31 1.74 0.00	40.65 2.19 0.00	48.23 2.77 0.00	57.57 3.92 0.00	70.27 4.78 0.00	65.85 4.13 0.00	55.07 2.18 0.23	47.24 2.51 0.00	44.69 1.80 0.00
BROOKLYN_NAVY_YARD 23515	42.10 1.85 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.42 1.44 0.00	44.22 1.74 0.00	59.00 3.29 0.00	68.91 4.09 0.00	58.48 3.26 0.00	45.35 2.81 0.00	41.72 2.40 0.00	38.61 2.26 0.00	38.25 2.13 0.00	38.49 2.18 0.00	37.29 2.08 0.00	37.88 2.31 0.00	41.15 2.69 0.00	48.82 3.36 0.00	57.52 3.87 0.00	69.94 4.46 0.00	65.97 4.26 0.00	56.57 3.45 0.00	47.60 2.87 0.00	45.16 2.27 0.00
BROOKLYN___ARMY_DRP 323595	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
BROOKVLE_69_KV_TB1 55790	42.67 2.42 0.00	40.67 1.83 0.00	39.96 1.79 0.00	39.77 1.64 0.00	40.77 1.79 0.00	44.73 2.25 0.00	59.44 3.73 0.00	69.56 4.73 0.00	58.81 3.59 0.00	45.74 3.19 0.00	42.00 2.67 0.00	38.69 2.33 0.00	38.25 2.13 0.00	38.38 2.07 0.00	37.22 2.01 0.00	38.06 2.49 0.00	41.46 3.00 0.00	49.09 3.64 0.00	57.89 4.24 0.00	70.66 5.17 0.00	66.34 4.63 0.00	56.31 3.29 0.10	48.00 3.27 0.00	45.46 2.57 0.00
BROOME_2_LFGE 323671	40.53 0.28 0.00	39.15 0.31 0.00	38.44 0.27 0.00	38.51 0.38 0.00	39.33 0.35 0.00	42.90 0.42 0.00	55.99 0.28 0.00	65.28 0.46 0.00	55.50 0.28 0.00	42.63 0.09 0.00	39.48 0.16 0.00	36.50 0.15 0.00	36.15 0.04 0.00	36.42 0.11 0.00	35.21 0.00 0.00	35.64 0.07 0.00	38.62 0.15 0.00	45.50 0.05 0.00	53.87 0.22 0.00	66.14 0.65 0.00	62.33 0.62 0.00	53.65 0.53 0.00	45.05 0.32 0.00	43.44 0.56 0.00
BROOME___LFGE 323600	40.53 0.28 0.00	39.15 0.31 0.00	38.44 0.27 0.00	38.51 0.38 0.00	39.33 0.35 0.00	42.90 0.42 0.00	55.99 0.28 0.00	65.28 0.46 0.00	55.50 0.28 0.00	42.63 0.09 0.00	39.48 0.16 0.00	36.50 0.15 0.00	36.15 0.04 0.00	36.42 0.11 0.00	35.21 0.00 0.00	35.64 0.07 0.00	38.62 0.15 0.00	45.50 0.05 0.00	53.87 0.22 0.00	66.14 0.65 0.00	62.33 0.62 0.00	53.65 0.53 0.00	45.05 0.32 0.00	43.44 0.56 0.00
BROWNFLS_115KV_TB_3_5 80003	39.33 -0.93 0.00	38.03 -0.82 0.00	37.41 -0.76 0.00	37.44 -0.69 0.00	38.28 -0.70 0.00	41.97 -0.51 0.00	55.21 -0.50 0.00	64.11 -0.71 0.00	54.39 -0.83 0.00	41.65 -0.89 0.00	38.34 -0.98 0.00	35.27 -1.09 0.00	35.11 -1.01 0.00	35.19 -1.13 0.00	34.12 -1.09 0.00	34.32 -1.24 0.00	37.08 -1.38 0.00	44.00 -1.45 0.00	52.42 -1.23 0.00	64.50 -0.98 0.00	60.73 -0.99 0.00	52.27 -0.85 0.00	43.97 -0.76 0.00	42.29 -0.60 0.00
BROWNSV1_27_KV_LOAD 356125	42.42 2.17 0.00	40.63 1.79 0.00	39.96 1.79 0.00	39.77 1.64 0.00	40.61 1.64 0.00	44.48 2.00 0.00	59.33 3.62 0.00	69.30 4.47 0.00	58.81 3.59 0.00	45.61 3.06 0.00	42.00 2.67 0.00	38.83 2.47 0.00	38.47 2.35 0.00	38.71 2.40 0.00	37.57 2.36 0.00	38.16 2.60 0.00	41.42 2.96 0.00	49.09 3.64 0.00	57.84 4.18 0.00	70.59 5.11 0.00	66.41 4.69 0.00	56.89 3.77 0.00	47.91 3.18 0.00	45.46 2.57 0.00
BURROWS___LYONSDAL 23803	40.61 0.36 0.00	39.23 0.39 0.00	38.55 0.38 0.00	38.58 0.46 0.00	39.44 0.47 0.00	43.24 0.76 0.00	56.82 1.11 0.00	66.25 1.43 0.00	56.16 0.94 0.00	43.01 0.47 0.00	39.60 0.28 0.00	36.43 0.07 0.00	36.23 0.11 0.00	36.31 0.00 0.00	35.18 -0.04 0.00	35.64 0.07 0.00	38.62 0.15 0.00	45.68 0.23 0.00	54.51 0.86 0.00	66.99 1.51 0.00	63.13 1.42 0.00	54.34 1.22 0.00	45.63 0.89 0.00	43.74 0.86 0.00
CAITHNESS_CC_1 323624	42.50 2.25 0.00	40.24 1.40 0.00	39.66 1.49 0.00	39.50 1.37 0.00	40.61 1.64 0.00	44.64 2.17 0.00	59.33 3.62 0.00	69.24 4.41 0.00	58.14 2.92 0.00	45.01 2.47 0.00	40.93 1.61 0.00	37.85 1.49 0.00	37.42 1.30 0.00	37.46 1.16 0.01	36.23 1.02 0.01	37.06 1.49 0.00	40.50 2.04 0.00	48.23 2.77 0.00	57.14 3.49 0.00	69.41 3.93 0.00	65.79 4.07 0.00	55.07 2.18 0.23	47.19 2.46 0.00	44.60 1.72 0.00
CALPINE BETH_PAGE_GT4 24209	42.42 2.17 0.00	40.40 1.55 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.50 1.52 0.00	44.31 1.83 0.00	58.83 3.12 0.00	68.85 4.02 0.00	58.15 2.93 0.00	45.23 2.68 0.00	41.52 2.20 0.00	38.36 2.00 0.00	37.89 1.77 0.00	37.98 1.67 0.00	36.87 1.66 0.00	37.74 2.17 0.00	41.15 2.69 0.00	48.55 3.09 0.00	57.25 3.59 0.00	69.87 4.39 0.00	65.60 3.89 0.00	55.49 2.55 0.17	47.46 2.73 0.00	45.12 2.23 0.00
CALPINE_BETH_PAGE_GT_4 323586	42.38 2.13 0.00	40.40 1.56 0.00	39.73 1.57 0.00	39.50 1.37 0.00	40.58 1.60 0.00	44.30 1.83 0.00	58.83 3.12 0.00	68.85 4.02 0.00	58.14 2.92 0.00	45.18 2.64 0.00	41.33 2.00 0.00	38.28 1.93 0.00	37.89 1.77 0.00	38.01 1.71 0.01	36.79 1.59 0.01	37.56 1.99 0.00	41.04 2.58 0.00	48.50 3.05 0.00	57.14 3.49 0.00	69.48 4.00 0.00	65.54 3.83 0.00	55.49 2.55 0.17	47.42 2.68 0.00	45.03 2.14 0.00
CALPINE_BP_GT1 23823	42.38 2.13 0.00	40.40 1.56 0.00	39.73 1.57 0.00	39.50 1.37 0.00	40.58 1.60 0.00	44.30 1.83 0.00	58.83 3.12 0.00	68.85 4.02 0.00	58.14 2.92 0.00	45.18 2.64 0.00	41.33 2.00 0.00	38.28 1.93 0.00	37.89 1.77 0.00	38.01 1.71 0.01	36.79 1.59 0.01	37.56 1.99 0.00	41.04 2.58 0.00	48.50 3.05 0.00	57.14 3.49 0.00	69.48 4.00 0.00	65.54 3.83 0.00	55.49 2.55 0.17	47.42 2.68 0.00	45.03 2.14 0.00
CALSPAN___DRP 24200	39.37 -0.89 0.00	38.03 -0.82 0.00	37.33 -0.84 0.00	37.59 -0.53 0.00	38.20 -0.78 0.00	41.84 -0.64 0.00	53.43 -2.28 0.00	62.04 -2.79 0.00	53.34 -1.88 0.00	40.72 -1.83 0.00	38.18 -1.14 0.00	35.38 -0.98 0.00	34.71 -1.41 0.00	35.04 -1.27 0.00	33.81 -1.41 0.00	34.18 -1.39 0.00	37.08 -1.38 0.00	42.91 -2.55 0.00	50.92 -2.74 0.00	62.41 -3.08 0.00	60.11 -1.60 0.00	51.84 -1.27 0.00	43.66 -1.07 0.00	42.59 -0.30 0.00

CALVERTON___SOLAR 323806	42.58 2.33 0.00	40.32 1.48 0.00	39.73 1.57 0.00	39.57 1.45 0.00	40.73 1.76 0.00	44.81 2.33 0.00	59.55 3.84 0.00	69.43 4.60 0.00	58.25 3.04 0.00	45.05 2.51 0.00	40.93 1.61 0.00	37.81 1.46 0.00	37.35 1.23 0.00	37.39 1.09 0.01	36.16 0.95 0.01	36.99 1.42 0.00	40.46 2.00 0.00	48.18 2.73 0.00	57.25 3.60 0.00	69.61 4.13 0.00	65.97 4.26 0.00	55.12 2.23 0.23	47.19 2.46 0.00	44.60 1.72 0.00
CANDIGU_WT_PWR 323617	40.01 -0.24 0.00	38.65 -0.19 0.00	37.90 -0.27 0.00	38.16 0.04 0.00	38.86 -0.12 0.00	42.48 0.00 0.00	54.88 -0.83 0.00	63.79 -1.04 0.00	54.06 -1.16 0.00	41.27 -1.28 0.00	38.30 -1.02 0.00	35.19 -1.16 0.00	34.60 -1.52 0.00	34.89 -1.42 0.00	33.70 -1.51 0.00	34.08 -1.49 0.00	36.96 -1.50 0.00	43.41 -2.04 0.00	51.88 -1.77 0.00	64.44 -1.05 0.00	60.79 -0.92 0.00	52.53 -0.58 0.00	44.02 -0.72 0.00	42.84 -0.04 0.00
CARR STREET_E_SYR 24060	40.05 -0.20 0.00	38.65 -0.19 0.00	37.94 -0.23 0.00	37.97 -0.15 0.00	38.78 -0.19 0.00	42.27 -0.21 0.00	55.15 -0.56 0.00	64.38 -0.45 0.00	54.78 -0.44 0.00	42.16 -0.38 0.00	39.13 -0.20 0.00	36.21 -0.14 0.00	35.90 -0.22 0.00	36.17 -0.14 0.00	35.00 -0.21 0.00	35.43 -0.14 0.00	38.31 -0.15 0.00	45.09 -0.37 0.00	53.33 -0.32 0.00	65.35 -0.13 0.00	61.53 -0.18 0.00	52.96 -0.16 0.00	44.47 -0.27 0.00	42.76 -0.13 0.00
CARTHAGE___PAPER 23857	40.17 -0.08 0.00	38.81 -0.04 0.00	38.13 -0.04 0.00	38.20 0.08 0.00	39.09 0.12 0.00	42.90 0.42 0.00	56.38 0.67 0.00	65.73 0.91 0.00	55.61 0.39 0.00	42.42 -0.13 0.00	39.01 -0.32 0.00	35.81 -0.54 0.00	35.61 -0.51 0.00	35.69 -0.62 0.00	34.58 -0.63 0.00	35.00 -0.57 0.00	37.92 -0.54 0.00	45.00 -0.45 0.00	53.98 0.32 0.00	66.73 1.24 0.00	62.88 1.17 0.00	54.07 0.96 0.00	45.27 0.54 0.00	43.44 0.56 0.00
CASSADAGA_WT_PWR 323784	40.65 0.40 0.00	39.23 0.39 0.00	38.51 0.34 0.00	38.89 0.76 0.00	39.41 0.43 0.00	42.99 0.51 0.00	55.26 -0.45 0.00	64.24 -0.58 0.00	55.11 -0.11 0.00	41.78 -0.76 0.00	38.89 -0.43 0.00	35.88 -0.47 0.00	35.07 -1.05 0.00	35.29 -1.02 0.00	33.84 -1.37 0.00	34.25 -1.32 0.00	37.15 -1.31 0.00	43.18 -2.27 0.00	51.61 -2.04 0.00	64.90 -0.59 0.00	61.72 0.00 0.00	53.33 0.21 0.00	44.91 0.18 0.00	44.05 1.16 0.00
CE_DUNWOOD___DRP 24194	41.94 1.69 0.00	40.24 1.40 0.00	39.54 1.37 0.00	39.38 1.26 0.00	40.26 1.29 0.00	44.05 1.57 0.00	58.61 2.90 0.00	68.33 3.50 0.00	58.04 2.82 0.00	44.97 2.43 0.00	41.41 2.08 0.00	38.29 1.93 0.00	37.96 1.84 0.00	38.13 1.82 0.00	37.04 1.83 0.00	37.60 2.03 0.00	40.81 2.35 0.00	48.37 2.91 0.00	57.03 3.38 0.00	69.55 4.06 0.00	65.42 3.70 0.00	56.09 2.97 0.00	47.24 2.51 0.00	44.82 1.93 0.00
CE_MILLWOOD___DRP 24193	41.82 1.57 0.00	40.13 1.28 0.00	39.47 1.30 0.00	39.31 1.18 0.00	40.15 1.17 0.00	43.92 1.44 0.00	58.38 2.67 0.00	68.00 3.18 0.00	57.76 2.54 0.00	44.76 2.21 0.00	41.21 1.89 0.00	38.10 1.75 0.00	37.78 1.66 0.00	37.98 1.67 0.00	36.87 1.66 0.00	37.45 1.89 0.00	40.65 2.19 0.00	48.18 2.73 0.00	56.82 3.17 0.00	69.28 3.80 0.00	65.17 3.46 0.00	55.82 2.71 0.00	47.06 2.33 0.00	44.69 1.80 0.00
CE_NYC2_DRP 24202	42.84 2.13 -0.46	40.64 1.79 -0.01	39.93 1.76 -0.01	39.77 1.64 -0.01	40.62 1.64 -0.01	44.86 2.00 -0.38	59.23 3.51 -0.01	69.11 4.28 -0.01	59.10 3.48 -0.40	56.63 2.98 -11.11	52.35 2.60 -10.43	56.63 2.40 -17.87	41.22 2.28 -2.83	56.59 2.29 -17.99	52.44 2.29 -14.94	54.30 2.53 -16.21	56.63 2.85 -15.32	58.89 3.50 -9.93	63.49 4.02 -5.82	74.40 4.91 -4.00	70.16 4.51 -3.94	58.14 3.61 -1.41	49.59 3.04 -1.81	45.76 2.44 -0.43
CE_NYC_DRP 24195	42.18 1.93 0.00	40.44 1.59 0.00	39.73 1.56 0.00	39.58 1.45 0.00	40.42 1.44 0.00	44.26 1.78 0.00	59.00 3.29 0.00	68.91 4.08 0.00	58.48 3.26 0.00	45.35 2.81 0.00	41.76 2.44 0.00	38.61 2.25 0.00	38.28 2.17 0.00	38.49 2.18 0.00	37.36 2.15 0.00	37.95 2.38 0.00	41.19 2.73 0.00	48.77 3.32 0.00	57.46 3.81 0.00	70.07 4.58 0.00	65.97 4.26 0.00	56.51 3.40 0.00	47.60 2.86 0.00	45.16 2.27 0.00
CHAFFEE___LFGE 323603	39.69 -0.56 0.00	38.38 -0.46 0.00	37.71 -0.46 0.00	38.05 -0.08 0.00	38.66 -0.31 0.00	42.27 -0.21 0.00	54.54 -1.17 0.00	63.21 -1.62 0.00	54.00 -1.22 0.00	41.14 -1.40 0.00	38.38 -0.94 0.00	35.45 -0.91 0.00	34.82 -1.30 0.00	35.15 -1.16 0.00	33.84 -1.37 0.00	34.25 -1.32 0.00	37.15 -1.31 0.00	43.27 -2.18 0.00	51.45 -2.20 0.00	64.11 -1.38 0.00	60.73 -0.99 0.00	52.26 -0.85 0.00	43.84 -0.89 0.00	42.97 0.09 0.00
CHATEAUG_35_KV_LOAD 355732	39.89 -0.36 0.00	38.61 -0.23 0.00	38.05 -0.11 0.00	38.05 -0.08 0.00	38.98 0.00 0.00	42.61 0.13 0.00	56.10 0.39 0.00	64.83 0.00 0.00	55.55 0.33 0.00	42.42 -0.13 0.00	39.16 -0.16 0.00	36.10 -0.25 0.00	35.94 -0.18 0.00	36.09 -0.22 0.00	35.00 -0.21 0.00	35.07 -0.50 0.00	37.77 -0.69 0.00	44.82 -0.64 0.00	52.95 -0.70 0.00	64.37 -1.11 0.00	60.54 -1.17 0.00	52.37 -0.74 0.00	44.56 -0.18 0.00	42.80 -0.09 0.00
CHATEAUG_WT_PWR 323614	39.81 -0.44 0.00	38.57 -0.27 0.00	37.98 -0.19 0.00	37.97 -0.15 0.00	38.90 -0.08 0.00	42.52 0.04 0.00	55.99 0.28 0.00	64.70 -0.13 0.00	55.50 0.28 0.00	42.42 -0.13 0.00	39.16 -0.16 0.00	36.11 -0.25 0.00	35.94 -0.18 0.00	36.09 -0.22 0.00	35.00 -0.21 0.00	35.07 -0.50 0.00	37.77 -0.69 0.00	44.78 -0.68 0.00	52.85 -0.80 0.00	64.11 -1.38 0.00	60.42 -1.30 0.00	52.32 -0.80 0.00	44.56 -0.18 0.00	42.80 -0.09 0.00
CHAT_HIGH_FALL_HYD 323578	39.89 -0.36 0.00	38.61 -0.23 0.00	38.05 -0.11 0.00	38.05 -0.08 0.00	38.98 0.00 0.00	42.61 0.13 0.00	56.10 0.39 0.00	64.83 0.00 0.00	55.55 0.33 0.00	42.42 -0.13 0.00	39.16 -0.16 0.00	36.10 -0.25 0.00	35.94 -0.18 0.00	36.09 -0.22 0.00	35.00 -0.21 0.00	35.07 -0.50 0.00	37.77 -0.69 0.00	44.82 -0.64 0.00	52.95 -0.70 0.00	64.37 -1.11 0.00	60.54 -1.17 0.00	52.37 -0.74 0.00	44.56 -0.18 0.00	42.80 -0.09 0.00
CHAUTAUQUA___LFGE 323629	40.33 0.08 0.00	38.96 0.12 0.00	38.25 0.08 0.00	38.62 0.49 0.00	39.17 0.20 0.00	42.74 0.26 0.00	54.93 -0.78 0.00	63.79 -1.04 0.00	54.61 -0.61 0.00	41.57 -0.98 0.00	38.77 -0.55 0.00	35.85 -0.51 0.00	35.11 -1.01 0.00	35.40 -0.91 0.00	34.09 -1.13 0.00	34.47 -1.10 0.00	37.39 -1.08 0.00	43.46 -2.00 0.00	51.77 -1.88 0.00	64.77 -0.72 0.00	61.47 -0.25 0.00	53.06 -0.05 0.00	44.60 -0.13 0.00	43.70 0.81 0.00
CHERRYST_13_KV_LD 356241	42.26 2.01 0.00	40.51 1.67 0.00	39.85 1.68 0.00	39.69 1.56 0.00	40.50 1.52 0.00	44.39 1.91 0.00	59.22 3.51 0.00	69.10 4.28 0.00	58.64 3.42 0.00	45.52 2.98 0.00	41.92 2.60 0.00	38.72 2.36 0.00	38.39 2.28 0.00	38.60 2.29 0.00	37.50 2.29 0.00	38.06 2.49 0.00	41.31 2.85 0.00	48.96 3.50 0.00	57.62 3.97 0.00	70.33 4.85 0.00	66.16 4.44 0.00	56.67 3.56 0.00	47.73 3.00 0.00	45.29 2.40 0.00

CHESTROR_138KV_BK263 355645	41.46 1.21 0.00	39.82 0.97 0.00	39.12 0.95 0.00	39.00 0.88 0.00	39.87 0.90 0.00	43.58 1.10 0.00	57.77 2.06 0.00	67.22 2.40 0.00	57.10 1.88 0.00	44.20 1.66 0.00	40.66 1.34 0.00	37.59 1.24 0.00	37.35 1.23 0.00	37.55 1.23 0.00	36.45 1.23 0.00	36.96 1.39 0.00	40.12 1.65 0.00	47.55 2.09 0.00	56.12 2.47 0.00	68.50 3.01 0.00	64.43 2.72 0.00	55.24 2.12 0.00	46.52 1.79 0.00	44.30 1.42 0.00
CH_MIDHUDSON___DRP 24192	41.78 1.53 0.00	40.13 1.28 0.00	39.43 1.26 0.00	39.31 1.18 0.00	40.19 1.21 0.00	43.92 1.44 0.00	58.27 2.56 0.00	67.74 2.92 0.00	57.54 2.32 0.00	44.54 2.00 0.00	40.97 1.65 0.00	37.92 1.56 0.00	37.63 1.52 0.00	37.84 1.53 0.00	36.76 1.55 0.00	37.28 1.71 0.00	40.46 2.00 0.00	48.00 2.55 0.00	56.66 3.00 0.00	69.09 3.60 0.00	64.99 3.27 0.00	55.72 2.60 0.00	46.93 2.19 0.00	44.60 1.72 0.00
CH_MISC_IPPS 23765	42.02 1.77 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.50 1.37 0.00	40.46 1.48 0.00	44.26 1.78 0.00	58.72 3.01 0.00	68.26 3.43 0.00	57.98 2.76 0.00	44.80 2.25 0.00	41.17 1.85 0.00	38.10 1.75 0.00	37.85 1.73 0.00	38.05 1.74 0.00	36.94 1.73 0.00	37.45 1.88 0.00	40.69 2.23 0.00	48.37 2.91 0.00	57.09 3.44 0.00	69.61 4.13 0.00	65.54 3.83 0.00	56.14 3.03 0.00	47.28 2.55 0.00	44.99 2.10 0.00
CH_RES_BVR_FALLS 23983	39.81 -0.44 0.00	38.49 -0.35 0.00	37.86 -0.31 0.00	37.86 -0.27 0.00	38.74 -0.23 0.00	42.27 -0.21 0.00	55.49 -0.22 0.00	64.50 -0.32 0.00	55.00 -0.22 0.00	42.29 -0.25 0.00	39.01 -0.32 0.00	36.03 -0.33 0.00	35.76 -0.36 0.00	35.88 -0.43 0.00	34.76 -0.46 0.00	35.00 -0.57 0.00	37.81 -0.65 0.00	44.73 -0.73 0.00	52.85 -0.80 0.00	64.57 -0.92 0.00	60.91 -0.80 0.00	52.48 -0.64 0.00	44.29 -0.45 0.00	42.50 -0.39 0.00
CH_RES_NIAGARA 23895	38.04 -2.21 0.00	36.75 -2.10 0.00	36.03 -2.14 0.00	36.30 -1.83 0.00	36.91 -2.07 0.00	40.36 -2.12 0.00	51.31 -4.40 0.00	59.51 -5.32 0.00	51.13 -4.09 0.00	39.10 -3.45 0.00	36.77 -2.56 0.00	34.10 -2.25 0.00	33.48 -2.64 0.00	33.77 -2.54 0.00	32.61 -2.61 0.00	33.01 -2.56 0.00	35.77 -2.69 0.00	41.36 -4.09 0.00	49.04 -4.61 0.00	59.85 -5.63 0.00	57.77 -3.95 0.00	49.93 -3.19 0.00	42.01 -2.73 0.00	41.09 -1.80 0.00
CH_RES_SYRACUSE 23985	40.29 0.04 0.00	38.92 0.08 0.00	38.17 0.00 0.00	38.20 0.08 0.00	39.02 0.04 0.00	42.52 0.04 0.00	55.43 -0.28 0.00	64.76 -0.06 0.00	55.05 -0.17 0.00	42.38 -0.17 0.00	39.32 0.00 0.00	36.36 0.00 0.00	36.08 -0.04 0.00	36.35 0.04 0.00	35.18 -0.04 0.00	35.57 0.00 0.00	38.50 0.04 0.00	45.32 -0.14 0.00	53.60 -0.05 0.00	65.81 0.33 0.00	61.90 0.19 0.00	53.27 0.16 0.00	44.74 0.00 0.00	43.02 0.13 0.00
CLINTON_WT_PWR 323605	39.81 -0.44 0.00	38.57 -0.27 0.00	37.98 -0.19 0.00	37.97 -0.15 0.00	38.90 -0.08 0.00	42.52 0.04 0.00	55.99 0.28 0.00	64.70 -0.13 0.00	55.50 0.28 0.00	42.42 -0.13 0.00	39.16 -0.16 0.00	36.11 -0.25 0.00	35.94 -0.18 0.00	36.09 -0.22 0.00	35.00 -0.21 0.00	35.07 -0.50 0.00	37.77 -0.69 0.00	44.78 -0.68 0.00	52.85 -0.80 0.00	64.11 -1.38 0.00	60.42 -1.30 0.00	52.32 -0.80 0.00	44.56 -0.18 0.00	42.80 -0.09 0.00
CLINTON___LFGE 323618	40.21 -0.04 0.00	39.00 0.16 0.00	38.44 0.27 0.00	38.43 0.30 0.00	39.41 0.43 0.00	43.16 0.68 0.00	56.93 1.22 0.00	65.47 0.65 0.00	56.43 1.21 0.00	42.93 0.38 0.00	39.63 0.31 0.00	36.50 0.15 0.00	36.41 0.29 0.00	36.53 0.22 0.00	35.43 0.21 0.00	35.46 -0.11 0.00	38.15 -0.31 0.00	45.32 -0.14 0.00	53.54 -0.11 0.00	64.63 -0.85 0.00	61.16 -0.56 0.00	53.06 -0.05 0.00	45.27 0.54 0.00	43.44 0.56 0.00
COBBLENY_34_KV_TB1 80064	39.65 -0.60 0.00	38.34 -0.50 0.00	37.71 -0.46 0.00	37.90 -0.23 0.00	38.55 -0.43 0.00	42.27 -0.21 0.00	54.54 -1.17 0.00	63.21 -1.62 0.00	54.00 -1.21 0.00	41.14 -1.40 0.00	38.38 -0.94 0.00	35.49 -0.87 0.00	34.82 -1.30 0.00	35.15 -1.16 0.00	33.88 -1.34 0.00	34.25 -1.32 0.00	37.15 -1.31 0.00	43.27 -2.18 0.00	51.45 -2.20 0.00	63.39 -2.10 0.00	60.73 -0.99 0.00	52.27 -0.85 0.00	43.93 -0.81 0.00	42.84 -0.04 0.00
COFFEEN___115KV_TB3 355620	40.77 0.52 0.00	39.39 0.54 0.00	38.67 0.50 0.00	38.74 0.61 0.00	39.60 0.62 0.00	43.54 1.06 0.00	57.10 1.39 0.00	66.64 1.82 0.00	56.27 1.05 0.00	42.89 0.34 0.00	39.44 0.12 0.00	36.14 -0.22 0.00	35.97 -0.14 0.00	36.09 -0.22 0.00	34.97 -0.25 0.00	35.46 -0.11 0.00	38.42 -0.04 0.00	45.59 0.14 0.00	54.83 1.18 0.00	67.97 2.49 0.00	64.12 2.41 0.00	55.08 1.97 0.00	46.08 1.34 0.00	44.17 1.29 0.00
COLDSPRG_115KV_BK1 355956	40.81 0.56 0.00	39.43 0.58 0.00	38.78 0.61 0.00	38.97 0.84 0.00	39.56 0.58 0.00	43.41 0.93 0.00	55.93 0.22 0.00	65.02 0.19 0.00	55.72 0.50 0.00	42.33 -0.21 0.00	39.44 0.12 0.00	36.43 0.07 0.00	35.65 -0.47 0.00	35.98 -0.33 0.00	34.58 -0.63 0.00	35.00 -0.57 0.00	37.96 -0.50 0.00	44.09 -1.36 0.00	52.58 -1.07 0.00	65.03 -0.46 0.00	62.52 0.80 0.00	53.86 0.74 0.00	45.36 0.63 0.00	44.17 1.29 0.00
COLONIE_LFGE___ 323577	41.42 1.17 0.00	39.89 1.05 0.00	39.20 1.03 0.00	39.04 0.91 0.00	39.99 1.01 0.00	43.63 1.15 0.00	57.66 1.95 0.00	66.84 2.01 0.00	56.82 1.60 0.00	43.95 1.40 0.00	40.42 1.10 0.00	37.41 1.06 0.00	37.09 0.98 0.00	37.29 0.98 0.00	36.24 1.02 0.00	36.67 1.10 0.00	39.77 1.31 0.00	47.14 1.68 0.00	55.69 2.04 0.00	67.71 2.23 0.00	63.81 2.10 0.00	54.87 1.75 0.00	46.17 1.43 0.00	43.96 1.07 0.00
COOPERNY_115KV_TB1 80082	41.14 0.89 0.00	39.58 0.74 0.00	38.89 0.73 0.00	38.81 0.69 0.00	39.64 0.66 0.00	43.33 0.85 0.00	57.16 1.45 0.00	66.58 1.75 0.00	56.60 1.38 0.00	43.78 1.23 0.00	40.30 0.98 0.00	37.27 0.91 0.00	37.02 0.90 0.00	37.22 0.91 0.00	36.13 0.92 0.00	36.60 1.03 0.00	39.69 1.23 0.00	46.96 1.50 0.00	55.42 1.77 0.00	67.65 2.16 0.00	63.69 1.97 0.00	54.71 1.59 0.00	46.03 1.30 0.00	43.92 1.03 0.00
COPENHAGEN_WT_PWR 323753	40.37 0.12 0.00	39.00 0.16 0.00	38.28 0.11 0.00	38.40 0.27 0.00	39.25 0.27 0.00	43.03 0.55 0.00	56.43 0.72 0.00	65.86 1.03 0.00	55.66 0.44 0.00	42.50 -0.04 0.00	39.13 -0.20 0.00	35.92 -0.43 0.00	35.76 -0.36 0.00	35.88 -0.43 0.00	34.76 -0.46 0.00	35.25 -0.32 0.00	38.15 -0.31 0.00	45.18 -0.27 0.00	54.19 0.54 0.00	67.12 1.64 0.00	63.26 1.54 0.00	54.34 1.22 0.00	45.49 0.76 0.00	43.66 0.77 0.00
CORNELL_____ 23752	41.18 0.93 0.00	39.78 0.93 0.00	39.01 0.84 0.00	39.04 0.92 0.00	39.91 0.94 0.00	43.63 1.15 0.00	56.99 1.28 0.00	66.58 1.75 0.00	56.49 1.27 0.00	43.31 0.77 0.00	40.03 0.71 0.00	36.94 0.58 0.00	36.59 0.47 0.00	36.89 0.58 0.00	35.67 0.46 0.00	36.17 0.60 0.00	39.23 0.77 0.00	46.32 0.86 0.00	54.99 1.34 0.00	67.45 1.96 0.00	63.69 1.97 0.00	54.76 1.65 0.00	45.94 1.21 0.00	44.13 1.24 0.00

CORONA__69_KV_TB1 355595	42.46 2.21 0.00	40.51 1.67 0.00	39.85 1.68 0.00	39.61 1.49 0.00	40.61 1.64 0.00	44.56 2.08 0.00	59.11 3.40 0.00	69.10 4.28 0.00	58.48 3.26 0.00	45.48 2.94 0.00	41.76 2.44 0.00	38.50 2.15 0.00	38.07 1.95 0.00	38.20 1.89 0.00	37.08 1.87 0.00	37.88 2.31 0.00	41.23 2.77 0.00	48.87 3.41 0.00	57.57 3.92 0.00	70.33 4.85 0.00	66.04 4.32 0.00	56.16 3.08 0.03	47.87 3.13 0.00	45.33 2.44 0.00
CORTLAND_115KV_TB3 80093	40.81 0.56 0.00	39.43 0.58 0.00	38.67 0.50 0.00	38.70 0.57 0.00	39.52 0.55 0.00	43.16 0.68 0.00	56.43 0.72 0.00	65.86 1.04 0.00	55.94 0.72 0.00	42.97 0.43 0.00	39.75 0.43 0.00	36.72 0.36 0.00	36.41 0.29 0.00	36.67 0.36 0.00	35.50 0.28 0.00	35.96 0.39 0.00	38.96 0.50 0.00	45.96 0.50 0.00	54.46 0.80 0.00	66.73 1.24 0.00	62.95 1.23 0.00	54.18 1.06 0.00	45.45 0.72 0.00	43.66 0.77 0.00
COXSACKIE___GT 23611	42.22 1.97 0.00	40.63 1.79 0.00	39.93 1.76 0.00	39.61 1.49 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.72 3.01 0.00	67.94 3.11 0.00	57.48 2.26 0.00	43.87 1.32 0.00	40.19 0.86 0.00	37.16 0.80 0.00	36.95 0.83 0.00	37.15 0.84 0.00	36.31 1.09 0.00	36.71 1.14 0.00	39.73 1.27 0.00	47.50 2.05 0.00	56.49 2.84 0.00	69.22 3.73 0.00	65.11 3.39 0.00	55.82 2.71 0.00	46.93 2.19 0.00	44.95 2.06 0.00
CPV_VALLEY___CC1 323721	41.18 0.93 0.00	39.58 0.74 0.00	38.89 0.72 0.00	38.77 0.65 0.00	39.68 0.70 0.00	43.33 0.85 0.00	57.33 1.62 0.00	66.77 1.94 0.00	56.71 1.49 0.00	43.91 1.36 0.00	40.42 1.10 0.00	37.38 1.02 0.00	37.13 1.01 0.00	37.33 1.02 0.00	36.20 0.98 0.00	36.71 1.14 0.00	39.85 1.38 0.00	47.18 1.73 0.00	55.69 2.04 0.00	67.78 2.29 0.00	63.87 2.16 0.00	54.81 1.70 0.00	46.17 1.43 0.00	43.96 1.07 0.00
CPV_VALLEY___CC2 323722	41.18 0.93 0.00	39.58 0.74 0.00	38.89 0.72 0.00	38.77 0.65 0.00	39.68 0.70 0.00	43.33 0.85 0.00	57.33 1.62 0.00	66.77 1.94 0.00	56.71 1.49 0.00	43.91 1.36 0.00	40.42 1.10 0.00	37.38 1.02 0.00	37.13 1.01 0.00	37.33 1.02 0.00	36.20 0.98 0.00	36.71 1.14 0.00	39.85 1.38 0.00	47.18 1.73 0.00	55.69 2.04 0.00	67.78 2.29 0.00	63.87 2.16 0.00	54.81 1.70 0.00	46.17 1.43 0.00	43.96 1.07 0.00
CRESCENT___HYD 24018	41.42 1.17 0.00	39.89 1.05 0.00	39.20 1.03 0.00	39.04 0.91 0.00	39.99 1.01 0.00	43.63 1.15 0.00	57.66 1.95 0.00	66.84 2.01 0.00	56.82 1.60 0.00	43.95 1.40 0.00	40.42 1.10 0.00	37.41 1.06 0.00	37.09 0.98 0.00	37.29 0.98 0.00	36.24 1.02 0.00	36.67 1.10 0.00	39.77 1.31 0.00	47.14 1.68 0.00	55.69 2.04 0.00	67.71 2.23 0.00	63.81 2.10 0.00	54.87 1.75 0.00	46.17 1.43 0.00	43.96 1.07 0.00
CRICKET___VALLEY_CC1 323756	41.46 1.21 0.00	39.82 0.97 0.00	39.16 0.99 0.00	39.00 0.88 0.00	39.95 0.97 0.00	43.58 1.10 0.00	57.88 2.17 0.00	67.16 2.33 0.00	57.04 1.82 0.00	44.20 1.66 0.00	40.66 1.34 0.00	37.67 1.31 0.00	37.35 1.23 0.00	37.55 1.24 0.00	36.45 1.23 0.00	36.95 1.39 0.00	40.19 1.73 0.00	47.68 2.23 0.00	56.23 2.58 0.00	68.17 2.69 0.00	64.31 2.59 0.00	55.18 2.07 0.00	46.48 1.74 0.00	44.13 1.24 0.00
CRICKET___VALLEY_CC2 323757	41.46 1.21 0.00	39.82 0.97 0.00	39.16 0.99 0.00	39.00 0.88 0.00	39.95 0.97 0.00	43.58 1.10 0.00	57.88 2.17 0.00	67.16 2.33 0.00	57.04 1.82 0.00	44.20 1.66 0.00	40.66 1.34 0.00	37.67 1.31 0.00	37.35 1.23 0.00	37.55 1.24 0.00	36.45 1.23 0.00	36.95 1.39 0.00	40.19 1.73 0.00	47.68 2.23 0.00	56.23 2.58 0.00	68.17 2.69 0.00	64.31 2.59 0.00	55.18 2.07 0.00	46.48 1.74 0.00	44.13 1.24 0.00
CRICKET___VALLEY_CC3 323758	41.46 1.21 0.00	39.82 0.97 0.00	39.16 0.99 0.00	39.00 0.88 0.00	39.95 0.97 0.00	43.58 1.10 0.00	57.88 2.17 0.00	67.16 2.33 0.00	57.04 1.82 0.00	44.20 1.66 0.00	40.66 1.34 0.00	37.67 1.31 0.00	37.35 1.23 0.00	37.55 1.24 0.00	36.45 1.23 0.00	36.95 1.39 0.00	40.19 1.73 0.00	47.68 2.23 0.00	56.23 2.58 0.00	68.17 2.69 0.00	64.31 2.59 0.00	55.18 2.07 0.00	46.48 1.74 0.00	44.13 1.24 0.00
CRUCIBLE_METL_DRP 24180	40.29 0.04 0.00	38.92 0.08 0.00	38.17 0.00 0.00	38.16 0.04 0.00	38.98 0.00 0.00	42.52 0.04 0.00	55.43 -0.28 0.00	64.76 -0.06 0.00	55.05 -0.17 0.00	42.37 -0.17 0.00	39.32 0.00 0.00	36.36 0.00 0.00	36.08 -0.04 0.00	36.35 0.04 0.00	35.18 -0.04 0.00	35.57 0.00 0.00	38.50 0.04 0.00	45.32 -0.14 0.00	53.60 -0.05 0.00	65.62 0.13 0.00	61.90 0.19 0.00	53.27 0.16 0.00	44.74 0.00 0.00	43.02 0.13 0.00
DAHOWA___HYDRO 323763	41.62 1.37 0.00	40.12 1.28 0.00	39.39 1.22 0.00	39.27 1.14 0.00	40.22 1.25 0.00	43.97 1.49 0.00	58.05 2.34 0.00	67.61 2.79 0.00	57.37 2.15 0.00	44.59 2.04 0.00	40.85 1.53 0.00	37.89 1.53 0.00	37.45 1.34 0.00	37.62 1.31 0.00	36.52 1.30 0.00	36.88 1.32 0.00	40.08 1.62 0.00	47.14 1.68 0.00	55.90 2.25 0.00	68.30 2.81 0.00	64.31 2.59 0.00	55.24 2.13 0.00	46.53 1.79 0.00	44.43 1.54 0.00
DANC___LFGE 323619	40.01 -0.24 0.00	38.61 -0.23 0.00	37.90 -0.27 0.00	37.97 -0.15 0.00	38.82 -0.16 0.00	42.48 0.00 0.00	55.49 -0.22 0.00	64.76 -0.06 0.00	54.89 -0.33 0.00	42.04 -0.51 0.00	38.81 -0.51 0.00	35.71 -0.65 0.00	35.54 -0.58 0.00	35.69 -0.62 0.00	34.58 -0.63 0.00	35.04 -0.53 0.00	37.92 -0.54 0.00	44.86 -0.59 0.00	53.54 -0.11 0.00	66.07 0.59 0.00	62.21 0.49 0.00	53.49 0.37 0.00	44.82 0.09 0.00	43.02 0.13 0.00
DANSKAMMER___1 23586	42.02 1.77 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.50 1.37 0.00	40.46 1.48 0.00	44.26 1.78 0.00	58.72 3.01 0.00	68.26 3.43 0.00	57.98 2.76 0.00	44.80 2.25 0.00	41.17 1.85 0.00	38.10 1.75 0.00	37.85 1.73 0.00	38.05 1.74 0.00	36.94 1.73 0.00	37.45 1.88 0.00	40.69 2.23 0.00	48.37 2.91 0.00	57.09 3.44 0.00	69.61 4.13 0.00	65.54 3.83 0.00	56.14 3.03 0.00	47.28 2.55 0.00	44.99 2.10 0.00
DANSKAMMER___2 23589	42.02 1.77 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.50 1.37 0.00	40.46 1.48 0.00	44.26 1.78 0.00	58.72 3.01 0.00	68.26 3.43 0.00	57.98 2.76 0.00	44.80 2.25 0.00	41.17 1.85 0.00	38.10 1.75 0.00	37.85 1.73 0.00	38.05 1.74 0.00	36.94 1.73 0.00	37.45 1.88 0.00	40.69 2.23 0.00	48.37 2.91 0.00	57.09 3.44 0.00	69.61 4.13 0.00	65.54 3.83 0.00	56.14 3.03 0.00	47.28 2.55 0.00	44.99 2.10 0.00
DANSKAMMER___3 23590	42.02 1.77 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.50 1.37 0.00	40.46 1.48 0.00	44.26 1.78 0.00	58.72 3.01 0.00	68.26 3.43 0.00	57.98 2.76 0.00	44.80 2.25 0.00	41.17 1.85 0.00	38.10 1.75 0.00	37.85 1.73 0.00	38.05 1.74 0.00	36.94 1.73 0.00	37.45 1.88 0.00	40.69 2.23 0.00	48.37 2.91 0.00	57.09 3.44 0.00	69.61 4.13 0.00	65.54 3.83 0.00	56.14 3.03 0.00	47.28 2.55 0.00	44.99 2.10 0.00

DANSKAMMER___4 23591	42.02 1.77 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.50 1.37 0.00	40.46 1.48 0.00	44.26 1.78 0.00	58.72 3.01 0.00	68.26 3.43 0.00	57.98 2.76 0.00	44.80 2.25 0.00	41.17 1.85 0.00	38.10 1.75 0.00	37.85 1.73 0.00	38.05 1.74 0.00	36.94 1.73 0.00	37.45 1.88 0.00	40.69 2.23 0.00	48.37 2.91 0.00	57.09 3.44 0.00	69.61 4.13 0.00	65.54 3.83 0.00	56.14 3.03 0.00	47.28 2.55 0.00	44.99 2.10 0.00
DANSKAMMER___DIESEL 23592	42.02 1.77 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.54 1.41 0.00	40.42 1.44 0.00	44.26 1.78 0.00	58.72 3.01 0.00	68.26 3.44 0.00	57.98 2.76 0.00	44.80 2.25 0.00	41.21 1.89 0.00	38.10 1.75 0.00	37.85 1.73 0.00	38.02 1.71 0.00	36.97 1.76 0.00	37.49 1.92 0.00	40.69 2.23 0.00	48.37 2.91 0.00	57.09 3.43 0.00	69.74 4.26 0.00	65.54 3.83 0.00	56.14 3.03 0.00	47.28 2.55 0.00	44.99 2.10 0.00
DARBY___SOLAR 323810	41.66 1.41 0.00	40.12 1.28 0.00	39.39 1.22 0.00	39.27 1.14 0.00	40.22 1.25 0.00	43.97 1.49 0.00	58.05 2.34 0.00	67.49 2.66 0.00	57.32 2.10 0.00	44.50 1.96 0.00	40.78 1.46 0.00	37.81 1.46 0.00	37.42 1.30 0.00	37.58 1.27 0.00	36.48 1.27 0.00	36.85 1.28 0.00	40.04 1.58 0.00	47.18 1.73 0.00	55.90 2.25 0.00	68.24 2.75 0.00	64.25 2.53 0.00	55.24 2.13 0.00	46.53 1.79 0.00	44.39 1.50 0.00
DASHVILLE___HYD 23610	41.70 1.45 0.00	40.05 1.20 0.00	39.39 1.22 0.00	39.23 1.11 0.00	40.15 1.17 0.00	43.88 1.40 0.00	58.16 2.45 0.00	67.55 2.72 0.00	57.37 2.15 0.00	44.33 1.79 0.00	40.78 1.45 0.00	37.70 1.35 0.00	37.45 1.34 0.00	37.65 1.34 0.00	36.59 1.37 0.00	37.10 1.53 0.00	40.27 1.81 0.00	47.87 2.41 0.00	56.50 2.84 0.00	69.02 3.54 0.00	64.86 3.15 0.00	55.61 2.50 0.00	46.84 2.10 0.00	44.60 1.72 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	42.99 2.74 0.00	40.75 1.90 0.00	40.00 1.83 0.00	39.92 1.79 0.00	41.08 2.10 0.00	45.37 2.89 0.00	60.39 4.68 0.00	70.40 5.58 0.00	58.97 3.75 0.00	45.61 3.06 0.00	41.72 2.40 0.00	38.10 1.75 0.00	37.49 1.37 0.00	37.51 1.20 0.00	36.31 1.09 0.00	37.28 1.71 0.00	40.65 2.19 0.00	48.32 2.86 0.00	58.00 4.35 0.00	70.92 5.44 0.00	66.41 4.69 0.00	55.33 2.44 0.23	47.37 2.64 0.00	44.82 1.93 0.00
DELAWARE___LFGE 323621	41.34 1.09 0.00	39.89 1.05 0.00	39.20 1.03 0.00	39.16 1.03 0.00	39.99 1.01 0.00	43.67 1.19 0.00	57.44 1.73 0.00	66.90 2.07 0.00	56.93 1.71 0.00	43.82 1.28 0.00	40.38 1.06 0.00	37.30 0.95 0.00	37.09 0.98 0.00	37.29 0.98 0.00	36.16 0.95 0.00	36.60 1.03 0.00	39.65 1.19 0.00	46.87 1.41 0.00	55.48 1.82 0.00	67.71 2.23 0.00	63.81 2.10 0.00	54.92 1.81 0.00	46.21 1.48 0.00	44.17 1.29 0.00
DERFIELD_115KV_TB7 355931	40.45 0.20 0.00	39.00 0.16 0.00	38.32 0.15 0.00	38.28 0.15 0.00	39.13 0.16 0.00	42.65 0.17 0.00	55.99 0.28 0.00	65.15 0.32 0.00	55.50 0.28 0.00	42.76 0.21 0.00	39.48 0.16 0.00	36.50 0.15 0.00	36.23 0.11 0.00	36.42 0.11 0.00	35.32 0.11 0.00	35.71 0.14 0.00	38.65 0.19 0.00	45.68 0.23 0.00	53.97 0.32 0.00	65.88 0.39 0.00	62.09 0.37 0.00	53.43 0.32 0.00	44.96 0.22 0.00	43.06 0.17 0.00
DOGLEVILLE___HYD 23807	41.18 0.93 0.00	39.74 0.89 0.00	39.05 0.88 0.00	39.00 0.88 0.00	39.87 0.90 0.00	43.50 1.02 0.00	57.16 1.45 0.00	66.51 1.68 0.00	56.49 1.27 0.00	43.44 0.89 0.00	39.99 0.67 0.00	36.90 0.55 0.00	36.62 0.51 0.00	36.71 0.40 0.00	35.49 0.28 0.00	35.89 0.32 0.00	38.81 0.35 0.00	45.82 0.36 0.00	54.30 0.65 0.00	66.33 0.85 0.00	62.58 0.86 0.00	53.86 0.74 0.00	45.32 0.58 0.00	43.40 0.52 0.00
DUNKIRK___115KV_TB_200 55889	40.21 -0.04 0.00	38.88 0.04 0.00	38.17 0.00 0.00	38.39 0.27 0.00	38.98 0.00 0.00	42.69 0.21 0.00	54.82 -0.89 0.00	63.72 -1.10 0.00	54.50 -0.72 0.00	41.48 -1.06 0.00	38.73 -0.59 0.00	35.81 -0.55 0.00	35.11 -1.01 0.00	35.40 -0.91 0.00	34.09 -1.13 0.00	34.50 -1.07 0.00	37.42 -1.04 0.00	43.46 -2.00 0.00	51.72 -1.93 0.00	63.78 -1.70 0.00	61.41 -0.31 0.00	52.96 -0.16 0.00	44.60 -0.13 0.00	43.53 0.64 0.00
DUNKIRK___1 23563	40.21 -0.04 0.00	38.88 0.04 0.00	38.17 0.00 0.00	38.39 0.27 0.00	38.98 0.00 0.00	42.69 0.21 0.00	54.82 -0.89 0.00	63.72 -1.10 0.00	54.50 -0.72 0.00	41.48 -1.06 0.00	38.73 -0.59 0.00	35.81 -0.55 0.00	35.11 -1.01 0.00	35.40 -0.91 0.00	34.09 -1.13 0.00	34.50 -1.07 0.00	37.42 -1.04 0.00	43.46 -2.00 0.00	51.72 -1.93 0.00	63.78 -1.70 0.00	61.41 -0.31 0.00	52.96 -0.16 0.00	44.60 -0.13 0.00	43.53 0.64 0.00
DUNKIRK___2 23564	40.21 -0.04 0.00	38.88 0.04 0.00	38.17 0.00 0.00	38.39 0.27 0.00	38.98 0.00 0.00	42.69 0.21 0.00	54.82 -0.89 0.00	63.72 -1.10 0.00	54.50 -0.72 0.00	41.48 -1.06 0.00	38.73 -0.59 0.00	35.81 -0.55 0.00	35.11 -1.01 0.00	35.40 -0.91 0.00	34.09 -1.13 0.00	34.50 -1.07 0.00	37.42 -1.04 0.00	43.46 -2.00 0.00	51.72 -1.93 0.00	63.78 -1.70 0.00	61.41 -0.31 0.00	52.96 -0.16 0.00	44.60 -0.13 0.00	43.53 0.64 0.00
DUNKIRK___3 23565	39.97 -0.28 0.00	38.61 -0.23 0.00	37.94 -0.23 0.00	38.13 0.00 0.00	38.74 -0.23 0.00	42.44 -0.04 0.00	54.48 -1.23 0.00	63.27 -1.56 0.00	54.12 -1.10 0.00	41.27 -1.28 0.00	38.53 -0.79 0.00	35.67 -0.69 0.00	34.96 -1.16 0.00	35.26 -1.05 0.00	33.98 -1.23 0.00	34.36 -1.21 0.00	37.27 -1.19 0.00	43.32 -2.14 0.00	51.51 -2.15 0.00	63.46 -2.03 0.00	60.97 -0.74 0.00	52.64 -0.48 0.00	44.29 -0.45 0.00	43.19 0.30 0.00
DUNKIRK___4 23566	39.97 -0.28 0.00	38.61 -0.23 0.00	37.94 -0.23 0.00	38.13 0.00 0.00	38.74 -0.23 0.00	42.44 -0.04 0.00	54.48 -1.23 0.00	63.27 -1.56 0.00	54.12 -1.10 0.00	41.27 -1.28 0.00	38.53 -0.79 0.00	35.67 -0.69 0.00	34.96 -1.16 0.00	35.26 -1.05 0.00	33.98 -1.23 0.00	34.36 -1.21 0.00	37.27 -1.19 0.00	43.32 -2.14 0.00	51.51 -2.15 0.00	63.46 -2.03 0.00	60.97 -0.74 0.00	52.64 -0.48 0.00	44.29 -0.45 0.00	43.19 0.30 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	42.02 1.77 0.00	40.28 1.44 0.00	39.62 1.45 0.00	39.46 1.33 0.00	40.30 1.33 0.00	44.14 1.66 0.00	58.72 3.01 0.00	68.46 3.63 0.00	58.15 2.93 0.00	45.10 2.55 0.00	41.48 2.16 0.00	38.36 2.00 0.00	38.03 1.91 0.00	38.24 1.92 0.00	37.12 1.90 0.00	37.70 2.13 0.00	40.92 2.46 0.00	48.50 3.05 0.00	57.14 3.49 0.00	69.74 4.26 0.00	65.60 3.89 0.00	56.20 3.08 0.00	47.37 2.64 0.00	44.90 2.02 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	41.74 1.49 0.00	40.05 1.20 0.00	39.39 1.22 0.00	39.27 1.14 0.00	40.15 1.17 0.00	43.92 1.44 0.00	58.27 2.56 0.00	67.74 2.92 0.00	57.54 2.32 0.00	44.50 1.96 0.00	40.93 1.61 0.00	37.85 1.49 0.00	37.60 1.48 0.00	37.76 1.45 0.00	36.69 1.48 0.00	37.24 1.67 0.00	40.42 1.96 0.00	47.96 2.50 0.00	56.60 2.95 0.00	69.15 3.67 0.00	64.99 3.27 0.00	55.72 2.60 0.00	46.93 2.19 0.00	44.65 1.76 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	42.19 1.93 -0.01	40.48 1.63 -0.01	39.78 1.60 -0.01	39.62 1.49 -0.01	40.47 1.48 -0.01	44.31 1.83 -0.01	58.99 3.29 0.01	68.77 3.95 0.01	58.41 3.20 0.01	45.30 2.77 0.01	41.75 2.44 0.01	38.57 2.22 0.01	38.24 2.13 0.01	38.45 2.14 0.01	37.32 2.11 0.01	37.91 2.35 0.01	41.15 2.69 0.01	48.77 3.32 0.01	57.40 3.76 0.01	70.06 4.58 0.01	65.90 4.20 0.01	56.51 3.40 0.01	47.61 2.86 -0.01	45.17 2.27 -0.01
E179THST_13_KV_LOAD 356214	42.35 2.09 -0.01	40.64 1.79 -0.01	39.93 1.76 -0.01	39.77 1.64 -0.01	40.62 1.64 -0.01	44.44 1.95 -0.01	59.21 3.51 0.01	69.10 4.28 0.01	58.69 3.48 0.01	45.51 2.98 0.01	41.91 2.60 0.01	38.75 2.40 0.01	38.38 2.28 0.01	38.63 2.32 0.01	37.49 2.29 0.01	38.09 2.53 0.01	41.34 2.88 0.01	48.99 3.55 0.01	57.67 4.02 0.01	70.39 4.91 0.01	66.21 4.51 0.01	56.77 3.66 0.01	47.79 3.04 -0.01	45.34 2.44 -0.01
EAST HAMPTON___GT 23717	43.07 2.82 0.00	40.98 2.14 0.00	40.31 2.14 0.00	40.07 1.94 0.00	41.35 2.38 0.00	45.67 3.19 0.00	60.83 5.12 0.00	70.92 6.09 0.00	59.36 4.14 0.00	45.74 3.19 0.00	41.25 1.93 0.00	38.00 1.64 0.00	37.49 1.37 0.00	37.43 1.13 0.01	36.02 0.81 0.01	36.78 1.21 0.00	40.23 1.77 0.00	48.00 2.54 0.00	57.35 3.70 0.00	69.94 4.46 0.00	66.22 4.50 0.00	55.12 2.23 0.23	47.06 2.32 0.00	44.52 1.63 0.00
EAST RIVER___6 23660	42.22 1.97 0.00	40.48 1.63 0.00	39.81 1.64 0.00	39.61 1.49 0.00	40.54 1.56 0.00	44.30 1.83 0.00	59.05 3.34 0.00	68.91 4.09 0.00	58.53 3.31 0.00	45.44 2.89 0.00	41.80 2.48 0.00	38.69 2.33 0.00	38.32 2.20 0.00	38.56 2.25 0.00	37.36 2.15 0.00	37.95 2.38 0.00	41.23 2.77 0.00	48.87 3.41 0.00	57.57 3.91 0.00	69.94 4.46 0.00	65.97 4.26 0.00	56.57 3.45 0.00	47.69 2.95 0.00	45.24 2.36 0.00
EAST RIVER___7 23524	42.22 1.97 0.00	40.48 1.63 0.00	39.81 1.64 0.00	39.61 1.49 0.00	40.54 1.56 0.00	44.30 1.83 0.00	59.05 3.34 0.00	68.91 4.09 0.00	58.53 3.31 0.00	45.44 2.89 0.00	41.80 2.48 0.00	38.69 2.33 0.00	38.32 2.20 0.00	38.56 2.25 0.00	37.36 2.15 0.00	37.95 2.38 0.00	41.23 2.77 0.00	48.87 3.41 0.00	57.57 3.91 0.00	69.94 4.46 0.00	65.97 4.26 0.00	56.57 3.45 0.00	47.69 2.95 0.00	45.24 2.36 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.94 1.69 0.00	40.24 1.40 0.00	39.54 1.37 0.00	39.38 1.26 0.00	40.26 1.29 0.00	44.05 1.57 0.00	58.61 2.90 0.00	68.33 3.50 0.00	58.04 2.82 0.00	44.97 2.43 0.00	41.41 2.08 0.00	38.29 1.93 0.00	37.96 1.84 0.00	38.13 1.82 0.00	37.04 1.83 0.00	37.60 2.03 0.00	40.81 2.35 0.00	48.37 2.91 0.00	57.03 3.38 0.00	69.55 4.06 0.00	65.42 3.70 0.00	56.09 2.97 0.00	47.24 2.51 0.00	44.82 1.93 0.00
EAST_HAMPTON___DIESEL 23722	43.03 2.78 0.00	40.98 2.14 0.00	40.31 2.14 0.00	40.03 1.91 0.00	41.35 2.38 0.00	45.67 3.19 0.00	60.78 5.07 0.00	70.92 6.09 0.00	59.36 4.14 0.00	45.74 3.19 0.00	41.21 1.89 0.00	37.96 1.60 0.00	37.45 1.34 0.00	37.39 1.09 0.01	35.98 0.77 0.01	36.71 1.14 0.00	40.15 1.69 0.00	47.91 2.45 0.00	57.25 3.60 0.00	69.81 4.32 0.00	66.16 4.45 0.00	55.07 2.18 0.23	46.97 2.24 0.00	44.47 1.59 0.00
EAST_POINT___SOLAR 323840	43.07 2.82 0.00	41.52 2.68 0.00	40.69 2.52 0.00	40.64 2.52 0.00	41.66 2.69 0.00	45.71 3.23 0.00	60.06 4.35 0.00	69.10 4.28 0.00	58.14 2.92 0.00	43.87 1.32 0.00	39.91 0.59 0.00	36.83 0.47 0.00	36.73 0.61 0.00	36.97 0.65 0.00	35.74 0.53 0.00	36.35 0.78 0.00	39.69 1.23 0.00	47.95 2.50 0.00	57.62 3.97 0.00	70.92 5.43 0.00	66.78 5.06 0.00	57.68 4.57 0.00	48.27 3.53 0.00	46.23 3.35 0.00
EAST_PULASKI___ESR 323781	39.73 -0.52 0.00	38.38 -0.46 0.00	37.67 -0.50 0.00	37.71 -0.42 0.00	38.55 -0.43 0.00	42.05 -0.42 0.00	54.71 -1.00 0.00	63.86 -0.97 0.00	54.17 -1.05 0.00	41.61 -0.94 0.00	38.54 -0.79 0.00	35.56 -0.80 0.00	35.43 -0.69 0.00	35.66 -0.65 0.00	34.51 -0.70 0.00	34.96 -0.60 0.00	37.81 -0.65 0.00	44.64 -0.82 0.00	53.01 -0.64 0.00	65.22 -0.26 0.00	61.41 -0.31 0.00	52.80 -0.32 0.00	44.29 -0.45 0.00	42.54 -0.34 0.00
EAST_RIVER___1 323558	42.18 1.93 0.00	40.44 1.59 0.00	39.73 1.57 0.00	39.57 1.45 0.00	40.50 1.52 0.00	44.26 1.78 0.00	59.00 3.29 0.00	68.91 4.09 0.00	58.48 3.26 0.00	45.35 2.81 0.00	41.72 2.40 0.00	38.61 2.26 0.00	38.28 2.17 0.00	38.49 2.18 0.00	37.29 2.08 0.00	37.88 2.31 0.00	41.15 2.69 0.00	48.77 3.32 0.00	57.46 3.81 0.00	69.87 4.39 0.00	65.91 4.20 0.00	56.52 3.40 0.00	47.60 2.87 0.00	45.16 2.27 0.00
EAST_RIVER___2 323559	42.22 1.97 0.00	40.48 1.63 0.00	39.81 1.64 0.00	39.61 1.49 0.00	40.54 1.56 0.00	44.30 1.83 0.00	59.05 3.34 0.00	68.91 4.09 0.00	58.53 3.31 0.00	45.44 2.89 0.00	41.80 2.48 0.00	38.69 2.33 0.00	38.32 2.20 0.00	38.56 2.25 0.00	37.36 2.15 0.00	37.95 2.38 0.00	41.23 2.77 0.00	48.87 3.41 0.00	57.57 3.91 0.00	69.94 4.46 0.00	65.97 4.26 0.00	56.57 3.45 0.00	47.69 2.95 0.00	45.24 2.36 0.00
EAST___DELAWARE_HYD 23607	41.82 1.57 0.00	40.17 1.32 0.00	39.54 1.37 0.00	39.42 1.30 0.00	40.34 1.36 0.00	44.18 1.70 0.00	58.55 2.84 0.00	68.00 3.18 0.00	57.76 2.54 0.00	44.54 2.00 0.00	40.90 1.57 0.00	37.81 1.46 0.00	37.52 1.41 0.00	37.73 1.41 0.00	36.62 1.41 0.00	37.13 1.56 0.00	40.38 1.92 0.00	48.05 2.59 0.00	56.76 3.11 0.00	69.41 3.93 0.00	65.29 3.58 0.00	55.93 2.81 0.00	47.15 2.41 0.00	44.99 2.10 0.00
EIGHT_POINT___WT_PWR 323820	40.53 0.28 0.00	39.15 0.31 0.00	38.40 0.23 0.00	38.70 0.57 0.00	39.41 0.43 0.00	43.16 0.68 0.00	55.77 0.06 0.00	64.83 0.00 0.00	54.78 -0.44 0.00	41.69 -0.85 0.00	38.65 -0.67 0.00	35.41 -0.95 0.00	34.75 -1.37 0.00	35.08 -1.23 0.00	33.84 -1.37 0.00	34.18 -1.39 0.00	37.12 -1.35 0.00	43.64 -1.82 0.00	52.31 -1.34 0.00	65.10 -0.39 0.00	61.35 -0.37 0.00	53.06 -0.05 0.00	44.47 -0.27 0.00	43.27 0.39 0.00
ELBRIDGE_115KV_TB2 80188	40.05 -0.20 0.00	38.69 -0.16 0.00	37.98 -0.19 0.00	37.97 -0.15 0.00	38.78 -0.19 0.00	42.31 -0.17 0.00	55.15 -0.56 0.00	64.37 -0.45 0.00	54.72 -0.50 0.00	42.12 -0.43 0.00	39.09 -0.24 0.00	36.14 -0.22 0.00	35.83 -0.29 0.00	36.09 -0.22 0.00	34.93 -0.28 0.00	35.35 -0.21 0.00	38.23 -0.23 0.00	45.05 -0.41 0.00	53.28 -0.38 0.00	65.22 -0.26 0.00	61.53 -0.19 0.00	52.96 -0.16 0.00	44.51 -0.22 0.00	42.76 -0.13 0.00
ELEC_TRO_TEK 24086	42.34 2.09 0.00	40.40 1.55 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.50 1.52 0.00	44.43 1.95 0.00	58.94 3.23 0.00	68.91 4.08 0.00	58.31 3.09 0.00	45.35 2.81 0.00	41.64 2.32 0.00	38.39 2.04 0.00	37.96 1.84 0.00	38.09 1.78 0.00	36.97 1.76 0.00	37.77 2.21 0.00	41.12 2.65 0.00	48.68 3.23 0.00	57.35 3.70 0.00	70.00 4.52 0.00	65.73 4.01 0.00	55.87 2.82 0.06	47.60 2.86 0.00	45.07 2.19 0.00

ELLENBURG_WT_PWR 323604	39.81 -0.44 0.00	38.57 -0.27 0.00	37.98 -0.19 0.00	37.97 -0.15 0.00	38.90 -0.08 0.00	42.52 0.04 0.00	55.99 0.28 0.00	64.70 -0.13 0.00	55.50 0.28 0.00	42.42 -0.13 0.00	39.16 -0.16 0.00	36.11 -0.25 0.00	35.94 -0.18 0.00	36.09 -0.22 0.00	35.00 -0.21 0.00	35.07 -0.50 0.00	37.77 -0.69 0.00	44.78 -0.68 0.00	52.85 -0.80 0.00	64.11 -1.38 0.00	60.42 -1.30 0.00	52.32 -0.80 0.00	44.56 -0.18 0.00	42.80 -0.09 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.08 -1.17 0.00	37.76 -1.09 0.00	37.06 -1.11 0.00	37.33 -0.80 0.00	37.92 -1.05 0.00	41.54 -0.93 0.00	53.04 -2.67 0.00	61.58 -3.24 0.00	52.90 -2.32 0.00	40.42 -2.13 0.00	37.91 -1.42 0.00	35.12 -1.24 0.00	34.46 -1.66 0.00	34.79 -1.53 0.00	33.56 -1.66 0.00	33.97 -1.60 0.00	36.81 -1.65 0.00	42.59 -2.86 0.00	50.54 -3.11 0.00	61.95 -3.54 0.00	59.68 -2.04 0.00	51.47 -1.65 0.00	43.30 -1.43 0.00	42.29 -0.60 0.00
EMPIRE_CC_1 323656	41.06 0.80 0.00	39.54 0.70 0.00	38.86 0.69 0.00	38.66 0.53 0.00	39.60 0.62 0.00	43.16 0.68 0.00	56.77 1.06 0.00	65.73 0.91 0.00	55.94 0.72 0.00	43.22 0.68 0.00	39.83 0.51 0.00	36.76 0.40 0.00	36.52 0.40 0.00	36.67 0.36 0.00	35.67 0.46 0.00	36.14 0.57 0.00	39.16 0.69 0.00	46.55 1.09 0.00	54.94 1.29 0.00	66.53 1.04 0.00	62.70 0.98 0.00	53.96 0.85 0.00	45.45 0.71 0.00	43.27 0.39 0.00
EMPIRE_CC_2 323658	41.06 0.80 0.00	39.54 0.70 0.00	38.86 0.69 0.00	38.66 0.53 0.00	39.60 0.62 0.00	43.16 0.68 0.00	56.77 1.06 0.00	65.73 0.91 0.00	55.94 0.72 0.00	43.22 0.68 0.00	39.83 0.51 0.00	36.76 0.40 0.00	36.52 0.40 0.00	36.67 0.36 0.00	35.67 0.46 0.00	36.14 0.57 0.00	39.16 0.69 0.00	46.55 1.09 0.00	54.94 1.29 0.00	66.53 1.04 0.00	62.70 0.98 0.00	53.96 0.85 0.00	45.45 0.71 0.00	43.27 0.39 0.00
ENORWICH_115KV_TB1 80156	43.31 3.06 0.00	41.87 3.03 0.00	41.03 2.86 0.00	41.18 3.05 0.00	42.02 3.04 0.00	46.22 3.74 0.00	60.67 4.96 0.00	70.92 6.09 0.00	59.97 4.75 0.00	45.48 2.94 0.00	41.72 2.40 0.00	38.25 1.89 0.00	37.96 1.84 0.00	38.16 1.85 0.00	36.87 1.66 0.00	37.56 1.99 0.00	40.85 2.38 0.00	48.23 2.77 0.00	57.73 4.08 0.00	71.25 5.76 0.00	67.27 5.55 0.00	57.84 4.73 0.00	48.40 3.67 0.00	46.53 3.65 0.00
ERIE_ST__34_KV_TB1-2 80199	39.65 -0.60 0.00	38.30 -0.54 0.00	37.63 -0.53 0.00	37.86 -0.27 0.00	38.47 -0.51 0.00	42.14 -0.34 0.00	53.98 -1.73 0.00	62.69 -2.14 0.00	53.89 -1.33 0.00	41.10 -1.45 0.00	38.50 -0.83 0.00	35.63 -0.73 0.00	34.96 -1.16 0.00	35.33 -0.98 0.00	34.09 -1.13 0.00	34.47 -1.10 0.00	37.39 -1.08 0.00	43.32 -2.14 0.00	51.45 -2.20 0.00	63.19 -2.29 0.00	60.73 -0.99 0.00	52.32 -0.80 0.00	44.02 -0.72 0.00	42.93 0.04 0.00
ERIE_WT_PWR 323693	39.45 -0.80 0.00	38.10 -0.74 0.00	37.37 -0.80 0.00	37.86 -0.27 0.00	38.35 -0.63 0.00	41.88 -0.59 0.00	53.48 -2.23 0.00	62.11 -2.72 0.00	53.40 -1.82 0.00	40.72 -1.83 0.00	38.18 -1.14 0.00	35.38 -0.98 0.00	34.67 -1.45 0.00	35.04 -1.27 0.00	33.80 -1.41 0.00	34.18 -1.39 0.00	37.04 -1.42 0.00	42.91 -2.54 0.00	50.92 -2.73 0.00	63.58 -1.90 0.00	60.17 -1.54 0.00	51.90 -1.22 0.00	43.57 -1.16 0.00	42.76 -0.13 0.00
ESPRGFLD_115KV_TB1 80157	42.10 1.85 0.00	40.59 1.75 0.00	39.85 1.68 0.00	39.80 1.68 0.00	40.73 1.75 0.00	44.69 2.21 0.00	58.66 2.95 0.00	68.33 3.50 0.00	57.93 2.71 0.00	44.20 1.66 0.00	40.54 1.22 0.00	37.49 1.13 0.00	37.27 1.16 0.00	37.51 1.20 0.00	36.31 1.09 0.00	36.81 1.24 0.00	39.85 1.38 0.00	47.41 1.95 0.00	56.44 2.79 0.00	69.28 3.80 0.00	65.23 3.52 0.00	56.36 3.24 0.00	47.20 2.46 0.00	45.20 2.32 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.14 0.89 0.00	39.74 0.89 0.00	38.97 0.80 0.00	39.00 0.88 0.00	39.83 0.86 0.00	43.54 1.06 0.00	56.94 1.23 0.00	66.45 1.62 0.00	56.38 1.16 0.00	43.23 0.68 0.00	39.95 0.63 0.00	36.87 0.51 0.00	36.55 0.43 0.00	36.82 0.51 0.00	35.64 0.42 0.00	36.10 0.53 0.00	39.19 0.73 0.00	46.23 0.77 0.00	54.89 1.23 0.00	67.32 1.83 0.00	63.57 1.85 0.00	54.66 1.54 0.00	45.85 1.12 0.00	44.04 1.16 0.00
ETNA____115KV_TB2 80207	41.14 0.89 0.00	39.74 0.89 0.00	38.97 0.80 0.00	39.00 0.88 0.00	39.83 0.86 0.00	43.54 1.06 0.00	56.94 1.23 0.00	66.45 1.62 0.00	56.38 1.16 0.00	43.23 0.68 0.00	39.95 0.63 0.00	36.87 0.51 0.00	36.55 0.43 0.00	36.82 0.51 0.00	35.64 0.42 0.00	36.10 0.53 0.00	39.19 0.73 0.00	46.23 0.77 0.00	54.89 1.23 0.00	67.32 1.83 0.00	63.57 1.85 0.00	54.66 1.54 0.00	45.85 1.12 0.00	44.04 1.16 0.00
EUCLID__115KV_TB2 356179	39.85 -0.40 0.00	38.49 -0.35 0.00	37.75 -0.42 0.00	37.78 -0.34 0.00	38.59 -0.39 0.00	42.05 -0.42 0.00	54.82 -0.89 0.00	63.98 -0.84 0.00	54.45 -0.77 0.00	41.91 -0.64 0.00	38.93 -0.39 0.00	36.00 -0.36 0.00	35.72 -0.40 0.00	35.95 -0.36 0.00	34.83 -0.39 0.00	35.21 -0.36 0.00	38.08 -0.38 0.00	44.82 -0.64 0.00	53.01 -0.64 0.00	64.83 -0.65 0.00	61.16 -0.56 0.00	52.64 -0.48 0.00	44.24 -0.49 0.00	42.54 -0.34 0.00
E_CANADA_CAP_HY 24051	42.46 2.21 0.00	40.98 2.14 0.00	40.15 1.98 0.00	40.11 1.98 0.00	41.08 2.10 0.00	45.03 2.55 0.00	59.00 3.29 0.00	68.45 3.63 0.00	57.82 2.60 0.00	43.99 1.45 0.00	40.15 0.83 0.00	37.30 0.94 0.00	37.09 0.98 0.00	37.29 0.98 0.00	36.13 0.91 0.00	36.63 1.07 0.00	39.62 1.15 0.00	47.45 2.00 0.00	56.71 3.06 0.00	69.68 4.19 0.00	65.61 3.89 0.00	56.83 3.72 0.00	47.60 2.87 0.00	45.55 2.66 0.00
E_CANADA_MHWK_HY 24050	41.18 0.93 0.00	39.74 0.89 0.00	39.05 0.88 0.00	39.00 0.88 0.00	39.87 0.90 0.00	43.50 1.02 0.00	57.16 1.45 0.00	66.51 1.68 0.00	56.49 1.27 0.00	43.44 0.89 0.00	39.99 0.67 0.00	36.90 0.55 0.00	36.62 0.51 0.00	36.71 0.40 0.00	35.49 0.28 0.00	35.89 0.32 0.00	38.81 0.35 0.00	45.82 0.36 0.00	54.30 0.65 0.00	66.33 0.85 0.00	62.58 0.86 0.00	53.86 0.74 0.00	45.32 0.58 0.00	43.40 0.52 0.00
E_FISHKILL__LBMP 23776	41.70 1.45 0.00	40.01 1.17 0.00	39.35 1.18 0.00	39.19 1.07 0.00	40.07 1.09 0.00	43.80 1.32 0.00	58.11 2.40 0.00	67.61 2.79 0.00	57.48 2.26 0.00	44.50 1.96 0.00	40.97 1.65 0.00	37.89 1.53 0.00	37.60 1.48 0.00	37.80 1.49 0.00	36.73 1.51 0.00	37.24 1.67 0.00	40.42 1.96 0.00	47.91 2.45 0.00	56.50 2.84 0.00	68.89 3.41 0.00	64.80 3.09 0.00	55.56 2.44 0.00	46.79 2.06 0.00	44.47 1.59 0.00
FALCON____SEABRD_CC1 323796	39.93 -0.32 0.00	38.73 -0.12 0.00	38.17 0.00 0.00	38.20 0.08 0.00	39.13 0.16 0.00	42.86 0.38 0.00	56.49 0.78 0.00	64.70 -0.13 0.00	56.05 0.83 0.00	42.67 0.13 0.00	39.40 0.08 0.00	36.29 -0.07 0.00	36.15 0.04 0.00	36.31 0.00 0.00	35.21 0.00 0.00	35.25 -0.32 0.00	37.89 -0.58 0.00	45.00 -0.45 0.00	53.12 -0.54 0.00	63.78 -1.70 0.00	60.42 -1.30 0.00	52.64 -0.48 0.00	45.09 0.36 0.00	43.32 0.43 0.00

FALCON___SEABRD_CC2 323797	39.93 -0.32 0.00	38.73 -0.12 0.00	38.17 0.00 0.00	38.20 0.08 0.00	39.13 0.16 0.00	42.86 0.38 0.00	56.49 0.78 0.00	64.70 -0.13 0.00	56.05 0.83 0.00	42.67 0.13 0.00	39.40 0.08 0.00	36.29 -0.07 0.00	36.15 0.04 0.00	36.31 0.00 0.00	35.21 0.00 0.00	35.25 -0.32 0.00	37.89 -0.58 0.00	45.00 -0.45 0.00	53.12 -0.54 0.00	63.78 -1.70 0.00	60.42 -1.30 0.00	52.64 -0.48 0.00	45.09 0.36 0.00	43.32 0.43 0.00
FAR ROCKAWAY___4 23548	42.79 2.54 0.00	40.83 1.98 0.00	40.08 1.91 0.00	39.88 1.75 0.00	40.85 1.87 0.00	44.86 2.38 0.00	59.55 3.84 0.00	69.69 4.86 0.00	58.92 3.70 0.00	45.82 3.28 0.00	42.07 2.75 0.00	38.76 2.40 0.00	38.32 2.20 0.00	38.45 2.14 0.00	37.29 2.08 0.00	38.13 2.56 0.00	41.54 3.08 0.00	49.23 3.77 0.00	58.05 4.40 0.00	70.92 5.44 0.00	66.59 4.88 0.00	56.59 3.51 0.03	48.18 3.44 0.00	45.67 2.79 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.18 1.93 0.00	40.44 1.59 0.00	39.73 1.56 0.00	39.58 1.45 0.00	40.42 1.44 0.00	44.26 1.78 0.00	59.00 3.29 0.00	68.85 4.02 0.00	58.48 3.26 0.00	45.35 2.81 0.00	41.76 2.44 0.00	38.61 2.25 0.00	38.25 2.13 0.00	38.49 2.18 0.00	37.36 2.15 0.00	37.95 2.38 0.00	41.19 2.73 0.00	48.77 3.32 0.00	57.46 3.81 0.00	70.07 4.58 0.00	65.97 4.26 0.00	56.51 3.40 0.00	47.60 2.86 0.00	45.16 2.27 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.18 1.93 0.00	40.44 1.59 0.00	39.73 1.56 0.00	39.58 1.45 0.00	40.42 1.44 0.00	44.26 1.78 0.00	59.00 3.29 0.00	68.85 4.02 0.00	58.48 3.26 0.00	45.35 2.81 0.00	41.76 2.44 0.00	38.61 2.25 0.00	38.25 2.13 0.00	38.49 2.18 0.00	37.36 2.15 0.00	37.95 2.38 0.00	41.15 2.69 0.00	48.77 3.32 0.00	57.46 3.81 0.00	70.14 4.65 0.00	65.97 4.26 0.00	56.51 3.40 0.00	47.60 2.86 0.00	45.16 2.27 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.14 1.89 0.00	40.40 1.55 0.00	39.73 1.56 0.00	39.54 1.41 0.00	40.38 1.40 0.00	44.22 1.74 0.00	59.00 3.29 0.00	68.85 4.02 0.00	58.42 3.20 0.00	45.31 2.77 0.00	41.76 2.44 0.00	38.58 2.22 0.00	38.25 2.13 0.00	38.45 2.14 0.00	37.33 2.11 0.00	37.92 2.35 0.00	41.15 2.69 0.00	48.77 3.32 0.00	57.41 3.76 0.00	70.07 4.58 0.00	65.91 4.20 0.00	56.46 3.35 0.00	47.60 2.86 0.00	45.16 2.27 0.00
FARRAGUT___LBMP 323566	42.14 1.89 0.00	40.40 1.55 0.00	39.70 1.53 0.00	39.54 1.41 0.00	40.38 1.40 0.00	44.22 1.74 0.00	58.94 3.23 0.00	68.78 3.95 0.00	58.37 3.15 0.00	45.31 2.77 0.00	41.72 2.40 0.00	38.54 2.18 0.00	38.21 2.09 0.00	38.42 2.11 0.00	37.33 2.11 0.00	37.88 2.31 0.00	41.12 2.65 0.00	48.73 3.27 0.00	57.41 3.76 0.00	70.00 4.52 0.00	65.85 4.13 0.00	56.46 3.35 0.00	47.55 2.82 0.00	45.12 2.23 0.00
FENNER___WINDPWR 24204	41.10 0.85 0.00	39.66 0.82 0.00	38.93 0.76 0.00	38.96 0.84 0.00	39.83 0.86 0.00	43.50 1.02 0.00	57.04 1.33 0.00	66.51 1.68 0.00	56.54 1.32 0.00	43.35 0.81 0.00	40.07 0.75 0.00	36.98 0.62 0.00	36.69 0.58 0.00	36.93 0.62 0.00	35.78 0.56 0.00	36.24 0.67 0.00	39.27 0.81 0.00	46.32 0.86 0.00	54.99 1.34 0.00	67.52 2.03 0.00	63.51 1.79 0.00	54.66 1.54 0.00	45.90 1.16 0.00	44.05 1.16 0.00
FIBERTEK___ENERGY 23856	40.29 0.04 0.00	38.92 0.08 0.00	38.17 0.00 0.00	38.16 0.04 0.00	38.98 0.00 0.00	42.52 0.04 0.00	55.43 -0.28 0.00	64.76 -0.06 0.00	55.05 -0.17 0.00	42.37 -0.17 0.00	39.32 0.00 0.00	36.36 0.00 0.00	36.08 -0.04 0.00	36.35 0.04 0.00	35.18 -0.04 0.00	35.57 0.00 0.00	38.50 0.04 0.00	45.32 -0.14 0.00	53.60 -0.05 0.00	65.62 0.13 0.00	61.90 0.19 0.00	53.27 0.16 0.00	44.74 0.00 0.00	43.02 0.13 0.00
FITZPATRICK____ 23598	39.25 -1.00 0.00	37.87 -0.97 0.00	37.22 -0.95 0.00	37.21 -0.92 0.00	38.00 -0.97 0.00	41.33 -1.14 0.00	53.87 -1.84 0.00	62.82 -2.01 0.00	53.45 -1.77 0.00	41.18 -1.36 0.00	38.22 -1.10 0.00	35.34 -1.02 0.00	35.11 -1.01 0.00	35.29 -1.02 0.00	34.23 -0.99 0.00	34.61 -0.96 0.00	37.35 -1.12 0.00	44.00 -1.46 0.00	51.99 -1.66 0.00	63.65 -1.83 0.00	59.99 -1.73 0.00	51.63 -1.49 0.00	43.44 -1.30 0.00	41.82 -1.07 0.00
FLOWRFLD_69_KV_BK1 356044	42.83 2.58 0.00	40.63 1.79 0.00	39.92 1.76 0.00	39.77 1.64 0.00	40.85 1.87 0.00	44.99 2.51 0.00	59.78 4.07 0.00	69.88 5.06 0.00	58.75 3.53 0.00	45.61 3.06 0.00	41.84 2.52 0.00	38.36 2.00 0.00	37.82 1.70 0.00	37.87 1.56 0.00	36.76 1.55 0.00	37.77 2.21 0.00	41.23 2.77 0.00	48.91 3.45 0.00	58.05 4.40 0.00	70.86 5.37 0.00	66.47 4.75 0.00	55.76 2.87 0.23	47.87 3.13 0.00	45.25 2.36 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	42.10 1.85 0.00	40.40 1.55 0.00	39.70 1.53 0.00	39.58 1.45 0.00	40.46 1.48 0.00	44.31 1.83 0.00	58.83 3.12 0.00	68.39 3.57 0.00	58.04 2.82 0.00	44.88 2.34 0.00	41.25 1.93 0.00	38.14 1.78 0.00	37.89 1.77 0.00	38.09 1.78 0.00	37.04 1.83 0.00	37.56 1.99 0.00	40.77 2.31 0.00	48.46 3.00 0.00	57.19 3.54 0.00	69.87 4.39 0.00	65.66 3.95 0.00	56.25 3.13 0.00	47.37 2.64 0.00	45.07 2.19 0.00
FORT ORANGE____ 23900	41.14 0.88 0.00	39.66 0.82 0.00	38.93 0.76 0.00	38.62 0.49 0.00	39.48 0.51 0.00	43.07 0.59 0.00	56.77 1.06 0.00	65.93 1.10 0.00	55.94 0.72 0.00	43.10 0.55 0.00	39.67 0.35 0.00	36.76 0.40 0.00	36.55 0.43 0.00	36.71 0.40 0.00	35.85 0.63 0.00	36.28 0.71 0.00	39.12 0.65 0.00	46.41 0.96 0.00	54.89 1.23 0.00	66.79 1.31 0.00	62.95 1.23 0.00	54.12 1.01 0.00	45.54 0.81 0.00	43.40 0.52 0.00
FORT_DRUM_COGEN 23780	40.41 0.16 0.00	39.04 0.19 0.00	38.32 0.15 0.00	38.39 0.27 0.00	39.25 0.27 0.00	43.12 0.64 0.00	56.55 0.84 0.00	66.06 1.23 0.00	55.83 0.61 0.00	42.59 0.04 0.00	39.20 -0.12 0.00	35.96 -0.40 0.00	35.79 -0.33 0.00	35.91 -0.40 0.00	34.79 -0.42 0.00	35.25 -0.32 0.00	38.15 -0.31 0.00	45.23 -0.23 0.00	54.30 0.64 0.00	67.19 1.70 0.00	63.38 1.67 0.00	54.50 1.38 0.00	45.59 0.85 0.00	43.70 0.81 0.00
FOX_HILLS___ESR 323835	54.92 2.37 -12.30	54.17 2.02 -13.30	54.87 1.98 -14.72	54.20 1.87 -14.21	54.13 1.87 -13.28	54.93 2.21 -10.24	59.51 3.79 -0.01	69.18 4.34 -0.01	61.42 3.48 -2.72	69.35 2.94 -23.87	67.06 2.52 -25.22	74.33 2.33 -35.65	57.94 2.20 -19.62	74.30 2.25 -35.74	71.23 2.22 -33.80	72.52 2.45 -34.50	73.19 2.85 -31.88	69.34 3.50 -20.39	98.10 4.02 -40.42	98.25 4.98 -27.78	98.13 4.63 -31.79	66.55 3.66 -9.77	60.35 3.04 -12.57	56.86 2.53 -11.44
FPL FAR_ROCK_GT1 24212	42.79 2.54 0.00	40.79 1.94 0.00	40.11 1.95 0.00	39.88 1.75 0.00	40.93 1.95 0.00	44.86 2.38 0.00	59.55 3.84 0.00	69.69 4.86 0.00	58.92 3.70 0.00	45.78 3.23 0.00	41.92 2.59 0.00	38.72 2.36 0.00	38.32 2.20 0.00	38.45 2.14 0.01	37.21 2.01 0.01	37.99 2.42 0.00	41.46 3.00 0.00	49.23 3.77 0.00	57.95 4.29 0.00	70.53 5.04 0.00	66.53 4.82 0.00	56.59 3.50 0.03	48.18 3.44 0.00	45.63 2.75 0.00

FPL FAR_ROCK_GT2 23815	42.79 2.54 0.00	40.79 1.94 0.00	40.11 1.95 0.00	39.88 1.75 0.00	40.93 1.95 0.00	44.86 2.38 0.00	59.55 3.84 0.00	69.69 4.86 0.00	58.92 3.70 0.00	45.78 3.23 0.00	41.92 2.59 0.00	38.72 2.36 0.00	38.32 2.20 0.00	38.45 2.14 0.01	37.21 2.01 0.01	37.99 2.42 0.00	41.46 3.00 0.00	49.23 3.77 0.00	57.95 4.29 0.00	70.53 5.04 0.00	66.53 4.82 0.00	56.59 3.50 0.03	48.18 3.44 0.00	45.63 2.75 0.00
FRANKLIN_FALL_HYD 24054	40.05 -0.20 0.00	38.81 -0.04 0.00	38.21 0.04 0.00	38.20 0.08 0.00	39.13 0.16 0.00	42.82 0.34 0.00	56.43 0.72 0.00	65.41 0.58 0.00	55.88 0.66 0.00	42.63 0.09 0.00	39.40 0.08 0.00	36.25 -0.11 0.00	36.15 0.04 0.00	36.27 -0.04 0.00	35.18 -0.04 0.00	35.21 -0.36 0.00	37.89 -0.58 0.00	45.05 -0.41 0.00	53.22 -0.43 0.00	64.90 -0.59 0.00	61.10 -0.62 0.00	52.74 -0.37 0.00	44.74 0.00 0.00	42.97 0.09 0.00
FREEPORT_EQUS_GT1 23764	42.54 2.29 0.00	40.55 1.71 0.00	39.89 1.72 0.00	39.65 1.53 0.00	40.73 1.76 0.00	44.60 2.12 0.00	59.28 3.57 0.00	69.30 4.47 0.00	58.53 3.31 0.00	45.48 2.93 0.00	41.56 2.24 0.00	38.47 2.11 0.00	38.07 1.95 0.00	38.15 1.85 0.01	36.93 1.73 0.01	37.74 2.17 0.00	41.19 2.73 0.00	48.87 3.41 0.00	57.57 3.91 0.00	70.00 4.52 0.00	66.10 4.38 0.00	56.01 3.03 0.13	47.82 3.08 0.00	45.29 2.40 0.00
FREEPORT___CT2 23818	42.54 2.29 0.00	40.55 1.71 0.00	39.89 1.72 0.00	39.65 1.53 0.00	40.73 1.76 0.00	44.60 2.12 0.00	59.28 3.57 0.00	69.30 4.47 0.00	58.53 3.31 0.00	45.48 2.93 0.00	41.56 2.24 0.00	38.47 2.11 0.00	38.07 1.95 0.00	38.15 1.85 0.01	36.93 1.73 0.01	37.74 2.17 0.00	41.19 2.73 0.00	48.87 3.41 0.00	57.57 3.91 0.00	70.00 4.52 0.00	66.10 4.38 0.00	56.01 3.03 0.13	47.82 3.08 0.00	45.29 2.40 0.00
FRESHKLS_33_KV_LOAD 356253	54.88 2.33 -12.30	54.17 2.02 -13.30	54.87 1.98 -14.72	54.20 1.87 -14.21	54.13 1.87 -13.28	54.89 2.17 -10.24	59.39 3.68 -0.01	68.98 4.15 -0.01	60.90 3.26 -2.42	58.56 2.77 -13.25	57.04 2.36 -15.36	56.95 2.15 -18.45	55.61 2.06 -17.43	56.84 2.11 -18.42	56.87 2.08 -19.58	56.87 2.31 -18.99	58.35 2.69 -17.19	59.67 3.36 -10.85	61.11 3.86 -3.60	70.27 4.78 -0.01	66.17 4.44 -0.01	65.35 3.56 -8.68	58.82 2.91 -11.17	56.73 2.40 -11.44
FULTON COGEN____ 23766	39.65 -0.60 0.00	38.26 -0.58 0.00	37.56 -0.61 0.00	37.55 -0.57 0.00	38.39 -0.58 0.00	41.80 -0.68 0.00	54.43 -1.28 0.00	63.53 -1.30 0.00	54.00 -1.21 0.00	41.61 -0.94 0.00	38.61 -0.71 0.00	35.70 -0.65 0.00	35.47 -0.65 0.00	35.69 -0.62 0.00	34.58 -0.63 0.00	34.96 -0.60 0.00	37.81 -0.65 0.00	44.55 -0.91 0.00	52.69 -0.97 0.00	64.57 -0.92 0.00	60.85 -0.86 0.00	52.37 -0.74 0.00	43.97 -0.76 0.00	42.29 -0.60 0.00
FULTON___LFGE 323630	42.71 2.46 0.00	41.17 2.33 0.00	40.38 2.21 0.00	40.30 2.17 0.00	41.32 2.34 0.00	45.28 2.80 0.00	59.55 3.84 0.00	69.24 4.41 0.00	58.42 3.20 0.00	44.54 2.00 0.00	40.70 1.38 0.00	37.70 1.35 0.00	37.42 1.30 0.00	37.66 1.34 0.00	36.48 1.27 0.00	36.95 1.39 0.00	40.08 1.62 0.00	47.91 2.45 0.00	57.19 3.54 0.00	70.26 4.78 0.00	66.16 4.45 0.00	57.10 3.99 0.00	47.82 3.08 0.00	45.76 2.87 0.00
G.F.CEMENT___DRP 24184	41.70 1.45 0.00	40.16 1.32 0.00	39.43 1.26 0.00	39.31 1.18 0.00	40.26 1.29 0.00	44.05 1.57 0.00	58.22 2.51 0.00	67.87 3.05 0.00	57.65 2.43 0.00	45.10 2.55 0.00	41.25 1.93 0.00	38.29 1.93 0.00	37.78 1.66 0.00	37.98 1.67 0.00	36.83 1.62 0.00	37.17 1.60 0.00	40.35 1.88 0.00	47.14 1.68 0.00	55.91 2.25 0.00	68.56 3.08 0.00	64.43 2.72 0.00	55.29 2.18 0.00	46.61 1.88 0.00	44.60 1.72 0.00
GARDENVILLE___LBMP 24039	39.24 -1.01 0.00	37.91 -0.93 0.00	37.21 -0.95 0.00	37.48 -0.65 0.00	38.08 -0.90 0.00	41.71 -0.76 0.00	53.31 -2.40 0.00	61.91 -2.92 0.00	53.18 -2.04 0.00	40.59 -1.96 0.00	38.06 -1.26 0.00	35.27 -1.09 0.00	34.56 -1.55 0.00	34.93 -1.38 0.00	33.70 -1.51 0.00	34.07 -1.49 0.00	36.92 -1.54 0.00	42.77 -2.68 0.00	50.75 -2.90 0.00	62.21 -3.27 0.00	59.93 -1.79 0.00	51.73 -1.38 0.00	43.53 -1.21 0.00	42.46 -0.43 0.00
GARDNVLA_35_KV_LD 355827	39.45 -0.81 0.00	38.11 -0.74 0.00	37.41 -0.76 0.00	37.67 -0.46 0.00	38.28 -0.70 0.00	41.97 -0.51 0.00	53.59 -2.12 0.00	62.30 -2.53 0.00	53.56 -1.66 0.00	40.89 -1.66 0.00	38.34 -0.98 0.00	35.52 -0.84 0.00	34.82 -1.30 0.00	35.19 -1.13 0.00	33.95 -1.27 0.00	34.32 -1.24 0.00	37.23 -1.23 0.00	43.05 -2.41 0.00	51.13 -2.52 0.00	62.67 -2.82 0.00	60.36 -1.36 0.00	52.05 -1.06 0.00	43.80 -0.94 0.00	42.72 -0.17 0.00
GELCKHM___115KV_LOAD 80723	40.01 -0.24 0.00	38.61 -0.23 0.00	37.90 -0.27 0.00	37.90 -0.23 0.00	38.74 -0.23 0.00	42.18 -0.30 0.00	55.04 -0.67 0.00	64.24 -0.58 0.00	54.67 -0.55 0.00	42.08 -0.47 0.00	39.05 -0.28 0.00	36.14 -0.22 0.00	35.86 -0.25 0.00	36.09 -0.22 0.00	34.93 -0.28 0.00	35.35 -0.21 0.00	38.23 -0.23 0.00	45.00 -0.45 0.00	53.22 -0.43 0.00	65.09 -0.39 0.00	61.47 -0.25 0.00	52.85 -0.27 0.00	44.42 -0.31 0.00	42.67 -0.21 0.00
GENERAL___MILLS 23808	39.37 -0.89 0.00	38.03 -0.82 0.00	37.33 -0.84 0.00	37.59 -0.53 0.00	38.20 -0.78 0.00	41.84 -0.64 0.00	53.43 -2.28 0.00	62.04 -2.79 0.00	53.34 -1.88 0.00	40.72 -1.83 0.00	38.18 -1.14 0.00	35.38 -0.98 0.00	34.71 -1.41 0.00	35.04 -1.27 0.00	33.81 -1.41 0.00	34.18 -1.39 0.00	37.08 -1.38 0.00	42.91 -2.55 0.00	50.92 -2.74 0.00	62.41 -3.08 0.00	60.11 -1.60 0.00	51.84 -1.27 0.00	43.66 -1.07 0.00	42.59 -0.30 0.00
GE_PLASTICS___DRP 24183	41.06 0.81 0.00	39.54 0.70 0.00	38.86 0.69 0.00	38.74 0.61 0.00	39.64 0.66 0.00	43.03 0.55 0.00	56.66 0.95 0.00	65.80 0.97 0.00	55.94 0.72 0.00	43.14 0.60 0.00	39.75 0.43 0.00	36.83 0.47 0.00	36.62 0.51 0.00	36.78 0.47 0.00	35.74 0.53 0.00	36.17 0.60 0.00	39.15 0.69 0.00	46.41 0.95 0.00	54.83 1.18 0.00	66.80 1.31 0.00	62.83 1.11 0.00	54.02 0.90 0.00	45.50 0.76 0.00	43.40 0.51 0.00
GILBOA___1 23756	41.10 0.85 0.00	39.70 0.85 0.00	39.01 0.84 0.00	38.93 0.80 0.00	39.80 0.82 0.00	43.24 0.77 0.00	56.88 1.17 0.00	66.12 1.30 0.00	56.32 1.10 0.00	43.48 0.93 0.00	40.11 0.79 0.00	37.09 0.73 0.00	36.95 0.83 0.00	37.15 0.84 0.00	36.06 0.84 0.00	36.39 0.82 0.00	39.42 0.96 0.00	46.68 1.23 0.00	55.10 1.45 0.00	66.86 1.38 0.00	63.01 1.30 0.00	54.39 1.27 0.00	45.81 1.07 0.00	43.70 0.81 0.00
GILBOA___2 23757	41.10 0.85 0.00	39.70 0.85 0.00	39.01 0.84 0.00	38.93 0.80 0.00	39.80 0.82 0.00	43.24 0.77 0.00	56.88 1.17 0.00	66.12 1.30 0.00	56.32 1.10 0.00	43.48 0.93 0.00	40.11 0.79 0.00	37.09 0.73 0.00	36.95 0.83 0.00	37.15 0.84 0.00	36.06 0.84 0.00	36.39 0.82 0.00	39.42 0.96 0.00	46.68 1.23 0.00	55.10 1.45 0.00	66.86 1.38 0.00	63.01 1.30 0.00	54.39 1.27 0.00	45.81 1.07 0.00	43.70 0.81 0.00

GILBOA___3 23758	41.10 0.85 0.00	39.70 0.85 0.00	39.01 0.84 0.00	38.93 0.80 0.00	39.80 0.82 0.00	43.24 0.77 0.00	56.88 1.17 0.00	66.12 1.30 0.00	56.32 1.10 0.00	43.48 0.93 0.00	40.11 0.79 0.00	37.09 0.73 0.00	36.95 0.83 0.00	37.15 0.84 0.00	36.06 0.84 0.00	36.39 0.82 0.00	39.42 0.96 0.00	46.68 1.23 0.00	55.10 1.45 0.00	66.86 1.38 0.00	63.01 1.30 0.00	54.39 1.27 0.00	45.81 1.07 0.00	43.70 0.81 0.00
GILBOA___4 23759	41.10 0.85 0.00	39.70 0.85 0.00	39.01 0.84 0.00	38.93 0.80 0.00	39.80 0.82 0.00	43.24 0.77 0.00	56.88 1.17 0.00	66.12 1.30 0.00	56.32 1.10 0.00	43.48 0.93 0.00	40.11 0.79 0.00	37.09 0.73 0.00	36.95 0.83 0.00	37.15 0.84 0.00	36.06 0.84 0.00	36.39 0.82 0.00	39.42 0.96 0.00	46.68 1.23 0.00	55.10 1.45 0.00	66.86 1.38 0.00	63.01 1.30 0.00	54.39 1.27 0.00	45.81 1.07 0.00	43.70 0.81 0.00
GILBOA___ 23599	41.10 0.85 0.00	39.70 0.85 0.00	39.01 0.84 0.00	38.93 0.80 0.00	39.80 0.82 0.00	43.24 0.76 0.00	56.88 1.17 0.00	66.12 1.30 0.00	56.32 1.10 0.00	43.48 0.94 0.00	40.11 0.79 0.00	37.09 0.73 0.00	36.95 0.83 0.00	37.15 0.84 0.00	36.06 0.85 0.00	36.39 0.82 0.00	39.42 0.96 0.00	46.68 1.23 0.00	55.10 1.45 0.00	66.93 1.44 0.00	63.01 1.30 0.00	54.39 1.27 0.00	45.76 1.03 0.00	43.70 0.81 0.00
GINNA___ 23603	37.88 -2.37 0.00	36.55 -2.29 0.00	35.84 -2.33 0.00	36.07 -2.06 0.00	36.72 -2.26 0.00	40.10 -2.38 0.00	51.87 -3.84 0.00	60.87 -3.96 0.00	51.80 -3.42 0.00	39.65 -2.89 0.00	37.08 -2.24 0.00	34.25 -2.11 0.00	33.88 -2.24 0.00	34.13 -2.18 0.00	33.03 -2.18 0.00	33.40 -2.17 0.00	36.19 -2.27 0.00	42.36 -3.09 0.00	50.11 -3.54 0.00	62.08 -3.41 0.00	58.57 -3.15 0.00	50.41 -2.71 0.00	42.27 -2.46 0.00	40.83 -2.06 0.00
GLEN PARK___ 23778	40.69 0.44 0.00	39.31 0.47 0.00	38.59 0.42 0.00	38.70 0.57 0.00	39.60 0.62 0.00	43.46 0.98 0.00	56.99 1.28 0.00	66.51 1.68 0.00	56.16 0.94 0.00	42.80 0.26 0.00	39.36 0.04 0.00	36.11 -0.25 0.00	35.94 -0.18 0.00	36.06 -0.25 0.00	34.90 -0.32 0.00	35.39 -0.18 0.00	38.39 -0.08 0.00	45.50 0.05 0.00	54.67 1.02 0.00	67.91 2.42 0.00	63.93 2.22 0.00	54.97 1.86 0.00	45.94 1.21 0.00	44.09 1.20 0.00
GLENDALE_27_KV_LOAD 356172	42.96 2.25 -0.46	40.76 1.90 -0.01	40.09 1.91 -0.01	39.89 1.75 -0.01	40.74 1.75 -0.01	45.03 2.17 -0.38	59.51 3.79 -0.01	69.44 4.60 -0.01	59.32 3.70 -0.40	56.81 3.15 -11.12	52.51 2.75 -10.44	56.79 2.55 -17.89	41.37 2.42 -2.83	56.79 2.47 -18.01	52.59 2.43 -14.95	54.45 2.67 -16.22	56.83 3.04 -15.33	59.12 3.73 -9.94	63.76 4.29 -5.82	74.66 5.17 -4.00	70.48 4.81 -3.95	58.40 3.88 -1.41	49.77 3.22 -1.82	45.93 2.62 -0.43
GLENWOOD_IC_1_G5 23712	42.55 2.29 0.00	40.59 1.75 0.00	39.89 1.72 0.00	39.65 1.53 0.00	40.65 1.68 0.00	44.60 2.12 0.00	59.28 3.57 0.00	69.30 4.47 0.00	58.64 3.42 0.00	45.61 3.06 0.00	41.88 2.56 0.00	38.58 2.22 0.00	38.18 2.06 0.00	38.27 1.96 0.00	37.15 1.94 0.00	37.99 2.42 0.00	41.35 2.88 0.00	49.00 3.55 0.00	57.73 4.08 0.00	70.46 4.98 0.00	66.16 4.44 0.00	56.16 3.13 0.09	47.87 3.13 0.00	45.33 2.44 0.00
GLENWOOD_IC_2_G1 23688	42.42 2.17 0.00	40.51 1.67 0.00	39.85 1.68 0.00	39.61 1.49 0.00	40.65 1.67 0.00	44.52 2.04 0.00	59.11 3.40 0.00	69.10 4.28 0.00	58.48 3.26 0.00	45.44 2.89 0.00	41.60 2.28 0.00	38.47 2.11 0.00	38.10 1.99 0.00	38.19 1.89 0.01	37.00 1.79 0.01	37.74 2.17 0.00	41.15 2.69 0.00	48.82 3.36 0.00	57.46 3.81 0.00	69.94 4.46 0.00	65.97 4.26 0.00	56.11 3.03 0.03	47.73 3.00 0.00	45.20 2.31 0.00
GLENWOOD_IC_3_G1 23689	42.42 2.17 0.00	40.51 1.67 0.00	39.85 1.68 0.00	39.61 1.49 0.00	40.65 1.67 0.00	44.52 2.04 0.00	59.11 3.40 0.00	69.10 4.28 0.00	58.48 3.26 0.00	45.44 2.89 0.00	41.60 2.28 0.00	38.47 2.11 0.00	38.10 1.99 0.00	38.19 1.89 0.01	37.00 1.79 0.01	37.74 2.17 0.00	41.15 2.69 0.00	48.82 3.36 0.00	57.46 3.81 0.00	69.94 4.46 0.00	65.97 4.26 0.00	56.11 3.03 0.03	47.73 3.00 0.00	45.20 2.31 0.00
GLENWOOD___4 23550	42.55 2.29 0.00	40.59 1.75 0.00	39.89 1.72 0.00	39.65 1.53 0.00	40.65 1.68 0.00	44.60 2.12 0.00	59.28 3.57 0.00	69.30 4.47 0.00	58.64 3.42 0.00	45.61 3.06 0.00	41.88 2.56 0.00	38.58 2.22 0.00	38.18 2.06 0.00	38.27 1.96 0.00	37.15 1.94 0.00	37.99 2.42 0.00	41.35 2.88 0.00	49.00 3.55 0.00	57.73 4.08 0.00	70.46 4.98 0.00	66.16 4.44 0.00	56.16 3.13 0.09	47.87 3.13 0.00	45.33 2.44 0.00
GLENWOOD___5 23614	42.55 2.29 0.00	40.59 1.75 0.00	39.89 1.72 0.00	39.65 1.53 0.00	40.65 1.68 0.00	44.60 2.12 0.00	59.28 3.57 0.00	69.30 4.47 0.00	58.64 3.42 0.00	45.61 3.06 0.00	41.88 2.56 0.00	38.58 2.22 0.00	38.18 2.06 0.00	38.27 1.96 0.00	37.15 1.94 0.00	37.99 2.42 0.00	41.35 2.88 0.00	49.00 3.55 0.00	57.73 4.08 0.00	70.46 4.98 0.00	66.16 4.44 0.00	56.16 3.13 0.09	47.87 3.13 0.00	45.33 2.44 0.00
GLOBAL GREEN_PORT_GT1 23814	43.19 2.94 0.00	41.02 2.17 0.00	40.34 2.17 0.00	40.15 2.02 0.00	41.39 2.42 0.00	45.67 3.19 0.00	60.83 5.12 0.00	70.99 6.16 0.00	59.41 4.19 0.00	45.82 3.28 0.00	41.36 2.04 0.00	38.10 1.75 0.00	37.60 1.48 0.00	37.57 1.27 0.01	36.23 1.02 0.01	37.03 1.46 0.00	40.50 2.04 0.00	48.32 2.87 0.00	57.68 4.03 0.00	70.33 4.85 0.00	66.59 4.87 0.00	55.49 2.60 0.23	47.37 2.64 0.00	44.82 1.93 0.00
GLOBE___DSASP 323697	37.88 -2.37 0.00	36.59 -2.25 0.00	35.92 -2.25 0.00	36.18 -1.94 0.00	36.79 -2.18 0.00	40.23 -2.25 0.00	51.14 -4.57 0.00	59.32 -5.51 0.00	50.97 -4.25 0.00	38.97 -3.57 0.00	36.65 -2.67 0.00	34.00 -2.36 0.00	33.37 -2.74 0.00	33.66 -2.65 0.00	32.50 -2.71 0.00	32.90 -2.67 0.00	35.65 -2.81 0.00	41.23 -4.23 0.00	48.88 -4.78 0.00	59.66 -5.83 0.00	57.58 -4.13 0.00	49.77 -3.35 0.00	41.87 -2.86 0.00	40.96 -1.93 0.00
GOETHSLN___LBMP 323567	41.90 1.65 0.00	40.16 1.32 0.00	39.47 1.30 0.00	39.31 1.18 0.00	40.15 1.17 0.00	43.97 1.49 0.00	58.66 2.95 0.00	68.46 3.63 0.00	58.09 2.87 0.00	45.05 2.51 0.00	41.52 2.20 0.00	38.39 2.04 0.00	38.07 1.95 0.00	38.27 1.96 0.00	37.15 1.94 0.00	37.74 2.17 0.00	40.92 2.46 0.00	48.50 3.05 0.00	57.09 3.43 0.00	69.68 4.19 0.00	65.54 3.83 0.00	56.14 3.03 0.00	47.33 2.59 0.00	44.90 2.02 0.00
GOLAH___69_KV_TB 1_2 80279	39.65 -0.60 0.00	38.26 -0.58 0.00	37.52 -0.65 0.00	37.75 -0.38 0.00	38.51 -0.47 0.00	42.14 -0.34 0.00	54.26 -1.45 0.00	63.27 -1.56 0.00	53.84 -1.38 0.00	41.10 -1.45 0.00	38.46 -0.87 0.00	35.56 -0.80 0.00	35.03 -1.08 0.00	35.33 -0.98 0.00	34.16 -1.06 0.00	34.50 -1.07 0.00	37.27 -1.19 0.00	43.68 -1.77 0.00	51.83 -1.82 0.00	63.72 -1.77 0.00	61.04 -0.68 0.00	52.58 -0.53 0.00	44.15 -0.58 0.00	42.84 -0.04 0.00

GOODYEAR_LAKE_HYD 323669	41.74 1.49 0.00	40.28 1.44 0.00	39.54 1.37 0.00	39.50 1.37 0.00	40.38 1.40 0.00	44.22 1.74 0.00	58.11 2.40 0.00	67.74 2.92 0.00	57.59 2.37 0.00	44.25 1.70 0.00	40.70 1.38 0.00	37.56 1.20 0.00	37.35 1.23 0.00	37.58 1.27 0.00	36.41 1.20 0.00	36.88 1.32 0.00	39.96 1.50 0.00	47.27 1.82 0.00	56.07 2.41 0.00	68.56 3.08 0.00	64.62 2.90 0.00	55.66 2.55 0.00	46.75 2.01 0.00	44.73 1.84 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.57 0.32 0.00	39.19 0.35 0.00	38.44 0.27 0.00	38.51 0.38 0.00	39.33 0.35 0.00	42.95 0.47 0.00	56.04 0.33 0.00	65.28 0.45 0.00	55.50 0.28 0.00	42.63 0.09 0.00	39.48 0.16 0.00	36.50 0.15 0.00	36.15 0.04 0.00	36.42 0.11 0.00	35.21 0.00 0.00	35.64 0.07 0.00	38.62 0.15 0.00	45.50 0.05 0.00	53.87 0.21 0.00	65.94 0.46 0.00	62.39 0.68 0.00	53.70 0.58 0.00	45.09 0.36 0.00	43.44 0.56 0.00
GOUDEY___7 23579	40.57 0.32 0.00	39.19 0.35 0.00	38.44 0.27 0.00	38.51 0.38 0.00	39.33 0.35 0.00	42.95 0.47 0.00	56.04 0.33 0.00	65.28 0.45 0.00	55.50 0.28 0.00	42.63 0.09 0.00	39.48 0.16 0.00	36.50 0.15 0.00	36.15 0.04 0.00	36.42 0.11 0.00	35.21 0.00 0.00	35.64 0.07 0.00	38.62 0.15 0.00	45.50 0.05 0.00	53.87 0.21 0.00	65.94 0.46 0.00	62.39 0.68 0.00	53.70 0.58 0.00	45.09 0.36 0.00	43.44 0.56 0.00
GOUDEY___8 23580	40.57 0.32 0.00	39.19 0.35 0.00	38.44 0.27 0.00	38.51 0.38 0.00	39.33 0.35 0.00	42.95 0.47 0.00	56.04 0.33 0.00	65.28 0.45 0.00	55.50 0.28 0.00	42.63 0.09 0.00	39.48 0.16 0.00	36.50 0.15 0.00	36.15 0.04 0.00	36.42 0.11 0.00	35.21 0.00 0.00	35.64 0.07 0.00	38.62 0.15 0.00	45.50 0.05 0.00	53.87 0.21 0.00	65.94 0.46 0.00	62.39 0.68 0.00	53.70 0.58 0.00	45.09 0.36 0.00	43.44 0.56 0.00
GOWANUS_GT1_1 24077	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GOWANUS_GT1_2 24078	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GOWANUS_GT1_3 24079	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GOWANUS_GT1_4 24080	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GOWANUS_GT1_5 24084	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GOWANUS_GT1_6 24111	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GOWANUS_GT1_7 24112	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GOWANUS_GT1_8 24113	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GOWANUS_GT2_1 24114	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
GOWANUS_GT2_2 24115	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
GOWANUS_GT2_3 24116	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44

GOWANUS_GT2_4 24117	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
GOWANUS_GT2_5 24118	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
GOWANUS_GT2_6 24119	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
GOWANUS_GT2_7 24120	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
GOWANUS_GT2_8 24121	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
GOWANUS_GT3_1 24122	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
GOWANUS_GT3_2 24123	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
GOWANUS_GT3_3 24124	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
GOWANUS_GT3_4 24125	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
GOWANUS_GT3_5 24126	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
GOWANUS_GT3_6 24127	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
GOWANUS_GT3_7 24128	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
GOWANUS_GT3_8 24129	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
GOWANUS_GT4_1 24130	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GOWANUS_GT4_2 24131	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44

GOWANUS_GT4_3 24132	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GOWANUS_GT4_4 24133	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GOWANUS_GT4_5 24134	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GOWANUS_GT4_6 24135	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GOWANUS_GT4_7 24136	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GOWANUS_GT4_8 24137	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GREENBSH_115KV_TB3 55895	40.98 0.72 0.00	39.47 0.62 0.00	38.78 0.61 0.00	38.66 0.53 0.00	39.56 0.58 0.00	42.86 0.38 0.00	56.43 0.72 0.00	65.54 0.71 0.00	55.66 0.44 0.00	42.97 0.43 0.00	39.60 0.28 0.00	36.72 0.36 0.00	36.48 0.36 0.00	36.67 0.36 0.00	35.64 0.42 0.00	36.03 0.46 0.00	39.00 0.54 0.00	46.23 0.77 0.00	54.62 0.97 0.00	66.53 1.05 0.00	62.52 0.80 0.00	53.81 0.69 0.00	45.27 0.54 0.00	43.19 0.30 0.00
GREENDGE_115KV_TB5 80291	40.57 0.32 0.00	39.23 0.39 0.00	38.44 0.27 0.00	38.55 0.42 0.00	39.37 0.39 0.00	43.16 0.68 0.00	55.71 0.00 0.00	65.09 0.26 0.00	55.11 -0.11 0.00	42.46 -0.09 0.00	39.40 0.08 0.00	36.29 -0.07 0.00	35.83 -0.29 0.00	36.13 -0.18 0.00	34.93 -0.28 0.00	35.35 -0.21 0.00	38.39 -0.08 0.00	45.18 -0.27 0.00	53.76 0.11 0.00	65.62 0.13 0.00	62.21 0.49 0.00	53.91 0.80 0.00	45.14 0.40 0.00	43.57 0.69 0.00
GREENIDGE___3 23582	40.57 0.32 0.00	39.23 0.39 0.00	38.44 0.27 0.00	38.55 0.42 0.00	39.37 0.39 0.00	43.16 0.68 0.00	55.71 0.00 0.00	65.09 0.26 0.00	55.11 -0.11 0.00	42.46 -0.09 0.00	39.40 0.08 0.00	36.29 -0.07 0.00	35.83 -0.29 0.00	36.13 -0.18 0.00	34.93 -0.28 0.00	35.35 -0.21 0.00	38.39 -0.08 0.00	45.18 -0.27 0.00	53.76 0.11 0.00	65.62 0.13 0.00	62.21 0.49 0.00	53.91 0.80 0.00	45.14 0.40 0.00	43.57 0.69 0.00
GREENIDGE___4 23583	40.61 0.36 0.00	39.23 0.39 0.00	38.44 0.27 0.00	38.66 0.53 0.00	39.45 0.47 0.00	43.16 0.68 0.00	55.71 0.00 0.00	65.09 0.26 0.00	55.11 -0.11 0.00	42.46 -0.08 0.00	39.40 0.08 0.00	36.29 -0.07 0.00	35.83 -0.29 0.00	36.13 -0.18 0.00	34.90 -0.32 0.00	35.36 -0.21 0.00	38.39 -0.08 0.00	45.18 -0.27 0.00	53.76 0.11 0.00	66.07 0.59 0.00	62.21 0.49 0.00	53.91 0.80 0.00	45.14 0.40 0.00	43.62 0.73 0.00
GREENLWN_69_KV_BK 3 55738	42.26 2.01 0.00	40.24 1.40 0.00	39.54 1.37 0.00	39.35 1.22 0.00	40.38 1.40 0.00	44.35 1.87 0.00	58.38 2.67 0.00	68.26 3.44 0.00	57.70 2.48 0.00	45.23 2.68 0.00	41.52 2.20 0.00	38.25 1.89 0.00	37.78 1.66 0.00	37.87 1.56 0.00	36.76 1.55 0.00	37.63 2.06 0.00	41.00 2.54 0.00	48.50 3.05 0.00	56.82 3.17 0.00	69.28 3.80 0.00	65.05 3.33 0.00	55.02 2.12 0.22	47.46 2.73 0.00	44.95 2.06 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44
GRISSOM___SOLAR 323813	42.58 2.33 0.00	41.06 2.21 0.00	40.27 2.10 0.00	40.18 2.06 0.00	41.16 2.18 0.00	45.11 2.63 0.00	59.33 3.62 0.00	69.04 4.21 0.00	58.31 3.09 0.00	44.54 2.00 0.00	40.73 1.41 0.00	37.74 1.38 0.00	37.45 1.34 0.00	37.69 1.38 0.00	36.52 1.30 0.00	36.95 1.39 0.00	40.12 1.65 0.00	47.86 2.41 0.00	57.03 3.38 0.00	70.00 4.52 0.00	65.91 4.20 0.00	56.83 3.72 0.00	47.64 2.91 0.00	45.59 2.70 0.00
GROVEVILLE___HYD 323602	42.10 1.85 0.00	40.40 1.55 0.00	39.70 1.53 0.00	39.58 1.45 0.00	40.46 1.48 0.00	44.31 1.83 0.00	58.83 3.12 0.00	68.39 3.57 0.00	58.04 2.82 0.00	44.88 2.34 0.00	41.25 1.93 0.00	38.14 1.78 0.00	37.89 1.77 0.00	38.09 1.78 0.00	37.04 1.83 0.00	37.56 1.99 0.00	40.77 2.31 0.00	48.46 3.00 0.00	57.19 3.54 0.00	69.87 4.39 0.00	65.66 3.95 0.00	56.25 3.13 0.00	47.37 2.64 0.00	45.07 2.19 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.29 0.04 0.00	38.92 0.08 0.00	38.17 0.00 0.00	38.16 0.04 0.00	38.98 0.00 0.00	42.52 0.04 0.00	55.43 -0.28 0.00	64.76 -0.06 0.00	55.05 -0.17 0.00	42.37 -0.17 0.00	39.32 0.00 0.00	36.36 0.00 0.00	36.08 -0.04 0.00	36.35 0.04 0.00	35.18 -0.04 0.00	35.57 0.00 0.00	38.50 0.04 0.00	45.32 -0.14 0.00	53.60 -0.05 0.00	65.62 0.13 0.00	61.90 0.19 0.00	53.27 0.16 0.00	44.74 0.00 0.00	43.02 0.13 0.00

HAMLTNNY_34_KV_TB 80303	40.33 0.08 0.00	38.96 0.12 0.00	38.21 0.04 0.00	38.24 0.11 0.00	39.05 0.08 0.00	42.61 0.13 0.00	55.60 -0.11 0.00	64.89 0.06 0.00	55.16 -0.06 0.00	42.46 -0.09 0.00	39.40 0.08 0.00	36.43 0.07 0.00	36.12 0.00 0.00	36.38 0.07 0.00	35.21 0.00 0.00	35.60 0.04 0.00	38.54 0.08 0.00	45.37 -0.09 0.00	53.71 0.05 0.00	65.75 0.26 0.00	62.09 0.37 0.00	53.38 0.27 0.00	44.82 0.09 0.00	43.10 0.21 0.00
HAMPSHIRE___PAPER_HYD 323593	39.33 -0.92 0.00	38.03 -0.82 0.00	37.41 -0.76 0.00	37.44 -0.69 0.00	38.31 -0.66 0.00	41.97 -0.51 0.00	55.21 -0.50 0.00	64.11 -0.71 0.00	54.39 -0.83 0.00	41.65 -0.90 0.00	38.34 -0.98 0.00	35.27 -1.09 0.00	35.11 -1.01 0.00	35.19 -1.13 0.00	34.12 -1.09 0.00	34.32 -1.25 0.00	37.08 -1.38 0.00	44.00 -1.46 0.00	52.42 -1.23 0.00	64.51 -0.98 0.00	60.73 -0.99 0.00	52.26 -0.85 0.00	43.97 -0.76 0.00	42.29 -0.60 0.00
HARDSCRABBLE_WT_PWR 323673	41.06 0.80 0.00	39.58 0.74 0.00	38.89 0.72 0.00	38.85 0.72 0.00	39.72 0.74 0.00	43.37 0.89 0.00	56.93 1.22 0.00	66.25 1.42 0.00	56.32 1.10 0.00	43.27 0.72 0.00	39.87 0.55 0.00	36.76 0.40 0.00	36.48 0.36 0.00	36.57 0.26 0.00	35.36 0.14 0.00	35.75 0.18 0.00	38.62 0.15 0.00	45.59 0.14 0.00	54.03 0.38 0.00	66.01 0.52 0.00	62.27 0.55 0.00	53.59 0.48 0.00	45.09 0.36 0.00	43.19 0.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	41.66 1.41 0.00	40.01 1.17 0.00	39.35 1.18 0.00	39.19 1.07 0.00	40.07 1.09 0.00	43.88 1.40 0.00	58.22 2.51 0.00	67.74 2.92 0.00	57.54 2.32 0.00	44.50 1.96 0.00	40.97 1.65 0.00	37.89 1.53 0.00	37.60 1.48 0.00	37.80 1.49 0.00	36.73 1.51 0.00	37.24 1.67 0.00	40.42 1.96 0.00	47.96 2.50 0.00	56.60 2.95 0.00	69.15 3.67 0.00	64.99 3.27 0.00	55.66 2.55 0.00	46.88 2.15 0.00	44.60 1.72 0.00
HARSNRAD_115KV_TB1 81005	38.48 -1.77 0.00	37.21 -1.63 0.00	36.49 -1.68 0.00	36.75 -1.37 0.00	37.38 -1.60 0.00	40.91 -1.57 0.00	52.09 -3.62 0.00	60.55 -4.28 0.00	51.96 -3.26 0.00	39.69 -2.85 0.00	37.28 -2.04 0.00	34.50 -1.85 0.00	33.84 -2.28 0.00	34.17 -2.14 0.00	33.00 -2.22 0.00	33.36 -2.21 0.00	36.19 -2.27 0.00	41.91 -3.55 0.00	49.74 -3.92 0.00	60.90 -4.58 0.00	58.69 -3.02 0.00	50.67 -2.44 0.00	42.63 -2.10 0.00	41.64 -1.24 0.00
HARZA MOOSE___RIVER 24016	40.61 0.36 0.00	39.23 0.39 0.00	38.55 0.38 0.00	38.58 0.46 0.00	39.44 0.47 0.00	43.24 0.76 0.00	56.82 1.11 0.00	66.25 1.43 0.00	56.16 0.94 0.00	43.01 0.47 0.00	39.60 0.28 0.00	36.43 0.07 0.00	36.23 0.11 0.00	36.31 0.00 0.00	35.18 -0.04 0.00	35.64 0.07 0.00	38.62 0.15 0.00	45.68 0.23 0.00	54.51 0.86 0.00	66.99 1.51 0.00	63.13 1.42 0.00	54.34 1.22 0.00	45.63 0.89 0.00	43.74 0.86 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.01 -0.24 0.00	38.65 -0.19 0.00	37.90 -0.27 0.00	37.94 -0.19 0.00	38.74 -0.23 0.00	42.22 -0.25 0.00	55.10 -0.61 0.00	64.31 -0.52 0.00	54.72 -0.50 0.00	42.16 -0.38 0.00	39.12 -0.20 0.00	36.18 -0.18 0.00	35.90 -0.22 0.00	36.13 -0.18 0.00	35.00 -0.21 0.00	35.39 -0.18 0.00	38.27 -0.19 0.00	45.05 -0.41 0.00	53.28 -0.38 0.00	65.16 -0.33 0.00	61.53 -0.19 0.00	52.90 -0.21 0.00	44.47 -0.27 0.00	42.72 -0.17 0.00
HELLGATE_13_KV_LD 55870	42.84 2.13 -0.46	40.64 1.79 -0.01	39.93 1.76 -0.01	39.77 1.64 -0.01	40.62 1.64 -0.01	44.86 2.00 -0.38	59.23 3.51 -0.01	69.11 4.28 -0.01	59.10 3.48 -0.40	56.63 2.98 -11.11	52.35 2.60 -10.43	56.63 2.40 -17.87	41.22 2.28 -2.83	56.63 2.32 -17.99	52.44 2.29 -14.94	54.30 2.53 -16.21	56.67 2.88 -15.32	58.89 3.50 -9.93	63.49 4.02 -5.82	74.33 4.85 -4.00	70.16 4.51 -3.94	58.14 3.61 -1.41	49.59 3.04 -1.81	45.76 2.44 -0.43
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.84 2.13 -0.46	40.64 1.79 -0.01	39.93 1.76 -0.01	39.77 1.64 -0.01	40.62 1.64 -0.01	44.86 2.00 -0.38	59.23 3.51 -0.01	69.11 4.28 -0.01	59.10 3.48 -0.40	56.63 2.98 -11.11	52.35 2.60 -10.43	56.63 2.40 -17.87	41.22 2.28 -2.83	56.63 2.32 -17.99	52.44 2.29 -14.94	54.30 2.53 -16.21	56.67 2.88 -15.32	58.89 3.50 -9.93	63.49 4.02 -5.82	74.33 4.85 -4.00	70.16 4.51 -3.94	58.14 3.61 -1.41	49.59 3.04 -1.81	45.76 2.44 -0.43
HEMPSTEAD____ 23647	42.38 2.13 0.00	40.40 1.56 0.00	39.73 1.57 0.00	39.54 1.41 0.00	40.58 1.60 0.00	44.43 1.96 0.00	59.00 3.29 0.00	69.04 4.21 0.00	58.37 3.15 0.00	45.31 2.76 0.00	41.48 2.16 0.00	38.36 2.00 0.00	37.96 1.84 0.00	38.08 1.78 0.01	36.86 1.66 0.01	37.63 2.06 0.00	41.08 2.62 0.00	48.68 3.23 0.00	57.35 3.70 0.00	69.74 4.25 0.00	65.79 4.07 0.00	55.81 2.81 0.12	47.60 2.87 0.00	45.07 2.19 0.00
HEWLETT_69_KV_BK3 55828	42.63 2.37 0.00	40.67 1.83 0.00	39.96 1.79 0.00	39.73 1.60 0.00	40.73 1.75 0.00	44.69 2.21 0.00	59.33 3.62 0.00	69.36 4.54 0.00	58.70 3.48 0.00	45.61 3.06 0.00	41.92 2.60 0.00	38.61 2.25 0.00	38.18 2.06 0.00	38.31 2.00 0.00	37.19 1.97 0.00	37.99 2.42 0.00	41.39 2.92 0.00	49.05 3.59 0.00	57.78 4.13 0.00	70.53 5.04 0.00	66.22 4.51 0.00	56.32 3.24 0.03	48.00 3.27 0.00	45.46 2.57 0.00
HICKLING___1 23621	40.53 0.28 0.00	39.23 0.39 0.00	38.44 0.27 0.00	38.58 0.46 0.00	39.37 0.39 0.00	43.12 0.64 0.00	55.93 0.22 0.00	65.09 0.26 0.00	55.27 0.06 0.00	42.29 -0.26 0.00	39.28 -0.04 0.00	36.21 -0.15 0.00	35.68 -0.43 0.00	35.98 -0.33 0.00	34.76 -0.46 0.00	35.14 -0.43 0.00	38.15 -0.31 0.00	44.82 -0.64 0.00	53.33 -0.32 0.00	65.55 0.07 0.00	62.21 0.49 0.00	53.59 0.48 0.00	44.96 0.22 0.00	43.53 0.64 0.00
HICKLING___2 23622	40.53 0.28 0.00	39.23 0.39 0.00	38.44 0.27 0.00	38.58 0.46 0.00	39.37 0.39 0.00	43.12 0.64 0.00	55.93 0.22 0.00	65.09 0.26 0.00	55.27 0.06 0.00	42.29 -0.26 0.00	39.28 -0.04 0.00	36.21 -0.15 0.00	35.68 -0.43 0.00	35.98 -0.33 0.00	34.76 -0.46 0.00	35.14 -0.43 0.00	38.15 -0.31 0.00	44.82 -0.64 0.00	53.33 -0.32 0.00	65.55 0.07 0.00	62.21 0.49 0.00	53.59 0.48 0.00	44.96 0.22 0.00	43.53 0.64 0.00
HIGH FALLS___HY 23754	41.86 1.61 0.00	40.20 1.36 0.00	39.50 1.34 0.00	39.38 1.26 0.00	40.26 1.29 0.00	44.18 1.70 0.00	58.61 2.90 0.00	68.13 3.31 0.00	57.87 2.65 0.00	44.67 2.13 0.00	41.05 1.73 0.00	37.92 1.56 0.00	37.67 1.55 0.00	37.87 1.56 0.00	36.80 1.58 0.00	37.38 1.81 0.00	40.58 2.12 0.00	48.23 2.77 0.00	56.98 3.33 0.00	69.68 4.19 0.00	65.54 3.83 0.00	56.09 2.97 0.00	47.24 2.51 0.00	44.95 2.06 0.00
HIGH_RIVER___SOLAR 323847	42.18 1.93 0.00	40.67 1.83 0.00	39.89 1.72 0.00	39.76 1.64 0.00	40.69 1.71 0.00	44.52 2.04 0.00	58.66 2.95 0.00	68.00 3.18 0.00	57.54 2.32 0.00	44.03 1.49 0.00	40.30 0.98 0.00	37.34 0.98 0.00	37.09 0.98 0.00	37.33 1.02 0.00	36.20 0.98 0.00	36.67 1.10 0.00	39.77 1.31 0.00	47.50 2.05 0.00	56.49 2.84 0.00	69.15 3.66 0.00	65.11 3.39 0.00	56.09 2.97 0.00	47.06 2.32 0.00	44.99 2.10 0.00

HILLBURN___GT 23639	41.62 1.37 0.00	39.97 1.13 0.00	39.31 1.14 0.00	39.16 1.03 0.00	40.07 1.09 0.00	43.84 1.36 0.00	58.22 2.51 0.00	67.81 2.98 0.00	57.59 2.37 0.00	44.59 2.04 0.00	41.01 1.69 0.00	37.96 1.60 0.00	37.67 1.55 0.00	37.87 1.56 0.00	36.73 1.51 0.00	37.24 1.67 0.00	40.46 2.00 0.00	47.95 2.50 0.00	56.55 2.90 0.00	68.82 3.34 0.00	64.92 3.21 0.00	55.66 2.55 0.00	46.88 2.15 0.00	44.52 1.63 0.00
HILLSIDE_115KV_TB1 80332	40.01 -0.24 0.00	38.69 -0.16 0.00	37.94 -0.23 0.00	38.05 -0.08 0.00	38.86 -0.12 0.00	42.48 0.00 0.00	55.15 -0.56 0.00	64.11 -0.71 0.00	54.50 -0.72 0.00	41.78 -0.77 0.00	38.77 -0.55 0.00	35.81 -0.55 0.00	35.32 -0.79 0.00	35.62 -0.69 0.00	34.40 -0.81 0.00	34.82 -0.75 0.00	37.77 -0.69 0.00	44.37 -1.09 0.00	52.69 -0.97 0.00	64.63 -0.85 0.00	61.28 -0.43 0.00	52.85 -0.27 0.00	44.38 -0.36 0.00	42.93 0.04 0.00
HISHELDN_WT_PWR 323625	39.12 -1.13 0.00	37.80 -1.05 0.00	37.02 -1.14 0.00	37.44 -0.69 0.00	38.00 -0.97 0.00	41.50 -0.98 0.00	53.20 -2.51 0.00	61.78 -3.05 0.00	52.63 -2.59 0.00	40.12 -2.42 0.00	37.43 -1.89 0.00	34.39 -1.96 0.00	33.73 -2.38 0.00	34.02 -2.29 0.00	32.85 -2.36 0.00	33.22 -2.35 0.00	36.04 -2.42 0.00	42.18 -3.27 0.00	50.38 -3.27 0.00	62.80 -2.69 0.00	59.37 -2.35 0.00	51.31 -1.81 0.00	43.04 -1.70 0.00	42.12 -0.77 0.00
HOLTSVILLE_IC_1 23690	42.58 2.33 0.00	40.36 1.51 0.00	39.77 1.60 0.00	39.57 1.45 0.00	40.69 1.71 0.00	44.73 2.25 0.00	59.44 3.73 0.00	69.36 4.54 0.00	58.31 3.09 0.00	45.18 2.64 0.00	41.13 1.81 0.00	38.03 1.67 0.00	37.56 1.45 0.00	37.65 1.34 0.01	36.37 1.16 0.01	37.24 1.67 0.00	40.69 2.23 0.00	48.41 2.95 0.00	57.25 3.60 0.00	69.61 4.13 0.00	65.85 4.14 0.00	55.28 2.39 0.23	47.37 2.64 0.00	44.77 1.88 0.00
HOLTSVILLE_IC_10 23699	42.75 2.50 0.00	40.51 1.67 0.00	39.93 1.76 0.00	39.73 1.60 0.00	40.85 1.87 0.00	44.94 2.46 0.00	59.72 4.01 0.00	69.75 4.92 0.00	58.64 3.42 0.00	45.40 2.85 0.00	41.29 1.97 0.00	38.18 1.82 0.00	37.70 1.59 0.00	37.76 1.45 0.01	36.51 1.30 0.01	37.38 1.81 0.00	40.89 2.42 0.00	48.68 3.23 0.00	57.62 3.97 0.00	70.07 4.58 0.00	66.28 4.57 0.00	55.60 2.71 0.23	47.64 2.91 0.00	44.99 2.10 0.00
HOLTSVILLE_IC_2 23691	42.58 2.33 0.00	40.36 1.51 0.00	39.77 1.60 0.00	39.57 1.45 0.00	40.69 1.71 0.00	44.73 2.25 0.00	59.44 3.73 0.00	69.36 4.54 0.00	58.31 3.09 0.00	45.18 2.64 0.00	41.13 1.81 0.00	38.03 1.67 0.00	37.56 1.45 0.00	37.65 1.34 0.01	36.37 1.16 0.01	37.24 1.67 0.00	40.69 2.23 0.00	48.41 2.95 0.00	57.25 3.60 0.00	69.61 4.13 0.00	65.85 4.14 0.00	55.28 2.39 0.23	47.37 2.64 0.00	44.77 1.88 0.00
HOLTSVILLE_IC_3 23692	42.58 2.33 0.00	40.36 1.51 0.00	39.77 1.60 0.00	39.57 1.45 0.00	40.69 1.71 0.00	44.73 2.25 0.00	59.44 3.73 0.00	69.36 4.54 0.00	58.31 3.09 0.00	45.18 2.64 0.00	41.13 1.81 0.00	38.03 1.67 0.00	37.56 1.45 0.00	37.65 1.34 0.01	36.37 1.16 0.01	37.24 1.67 0.00	40.69 2.23 0.00	48.41 2.95 0.00	57.25 3.60 0.00	69.61 4.13 0.00	65.85 4.14 0.00	55.28 2.39 0.23	47.37 2.64 0.00	44.77 1.88 0.00
HOLTSVILLE_IC_4 23693	42.58 2.33 0.00	40.36 1.51 0.00	39.77 1.60 0.00	39.57 1.45 0.00	40.69 1.71 0.00	44.73 2.25 0.00	59.44 3.73 0.00	69.36 4.54 0.00	58.31 3.09 0.00	45.18 2.64 0.00	41.13 1.81 0.00	38.03 1.67 0.00	37.56 1.45 0.00	37.65 1.34 0.01	36.37 1.16 0.01	37.24 1.67 0.00	40.69 2.23 0.00	48.41 2.95 0.00	57.25 3.60 0.00	69.61 4.13 0.00	65.85 4.14 0.00	55.28 2.39 0.23	47.37 2.64 0.00	44.77 1.88 0.00
HOLTSVILLE_IC_5 23694	42.58 2.33 0.00	40.36 1.51 0.00	39.77 1.60 0.00	39.57 1.45 0.00	40.69 1.71 0.00	44.73 2.25 0.00	59.44 3.73 0.00	69.36 4.54 0.00	58.31 3.09 0.00	45.18 2.64 0.00	41.13 1.81 0.00	38.03 1.67 0.00	37.56 1.45 0.00	37.65 1.34 0.01	36.37 1.16 0.01	37.24 1.67 0.00	40.69 2.23 0.00	48.41 2.95 0.00	57.25 3.60 0.00	69.61 4.13 0.00	65.85 4.14 0.00	55.28 2.39 0.23	47.37 2.64 0.00	44.77 1.88 0.00
HOLTSVILLE_IC_6 23695	42.75 2.50 0.00	40.51 1.67 0.00	39.93 1.76 0.00	39.73 1.60 0.00	40.85 1.87 0.00	44.94 2.46 0.00	59.72 4.01 0.00	69.75 4.92 0.00	58.64 3.42 0.00	45.40 2.85 0.00	41.29 1.97 0.00	38.18 1.82 0.00	37.70 1.59 0.00	37.76 1.45 0.01	36.51 1.30 0.01	37.38 1.81 0.00	40.89 2.42 0.00	48.68 3.23 0.00	57.62 3.97 0.00	70.07 4.58 0.00	66.28 4.57 0.00	55.60 2.71 0.23	47.64 2.91 0.00	44.99 2.10 0.00
HOLTSVILLE_IC_7 23696	42.75 2.50 0.00	40.51 1.67 0.00	39.93 1.76 0.00	39.73 1.60 0.00	40.85 1.87 0.00	44.94 2.46 0.00	59.72 4.01 0.00	69.75 4.92 0.00	58.64 3.42 0.00	45.40 2.85 0.00	41.29 1.97 0.00	38.18 1.82 0.00	37.70 1.59 0.00	37.76 1.45 0.01	36.51 1.30 0.01	37.38 1.81 0.00	40.89 2.42 0.00	48.68 3.23 0.00	57.62 3.97 0.00	70.07 4.58 0.00	66.28 4.57 0.00	55.60 2.71 0.23	47.64 2.91 0.00	44.99 2.10 0.00
HOLTSVILLE_IC_8 23697	42.75 2.50 0.00	40.51 1.67 0.00	39.93 1.76 0.00	39.73 1.60 0.00	40.85 1.87 0.00	44.94 2.46 0.00	59.72 4.01 0.00	69.75 4.92 0.00	58.64 3.42 0.00	45.40 2.85 0.00	41.29 1.97 0.00	38.18 1.82 0.00	37.70 1.59 0.00	37.76 1.45 0.01	36.51 1.30 0.01	37.38 1.81 0.00	40.89 2.42 0.00	48.68 3.23 0.00	57.62 3.97 0.00	70.07 4.58 0.00	66.28 4.57 0.00	55.60 2.71 0.23	47.64 2.91 0.00	44.99 2.10 0.00
HOLTSVILLE_IC_9 23698	42.75 2.50 0.00	40.51 1.67 0.00	39.93 1.76 0.00	39.73 1.60 0.00	40.85 1.87 0.00	44.94 2.46 0.00	59.72 4.01 0.00	69.75 4.92 0.00	58.64 3.42 0.00	45.40 2.85 0.00	41.29 1.97 0.00	38.18 1.82 0.00	37.70 1.59 0.00	37.76 1.45 0.01	36.51 1.30 0.01	37.38 1.81 0.00	40.89 2.42 0.00	48.68 3.23 0.00	57.62 3.97 0.00	70.07 4.58 0.00	66.28 4.57 0.00	55.60 2.71 0.23	47.64 2.91 0.00	44.99 2.10 0.00
HOMER_HL_115KV_TB2 355744	39.89 -0.36 0.00	38.61 -0.23 0.00	37.94 -0.23 0.00	38.13 0.00 0.00	38.78 -0.19 0.00	42.48 0.00 0.00	54.76 -0.95 0.00	63.46 -1.36 0.00	54.17 -1.05 0.00	41.31 -1.23 0.00	38.50 -0.83 0.00	35.60 -0.76 0.00	34.93 -1.19 0.00	35.26 -1.05 0.00	33.98 -1.23 0.00	34.39 -1.17 0.00	37.31 -1.15 0.00	43.46 -2.00 0.00	51.67 -1.99 0.00	63.65 -1.83 0.00	60.97 -0.74 0.00	52.53 -0.58 0.00	44.15 -0.58 0.00	43.10 0.21 0.00
HOWARD_WT_PWR 323690	40.57 0.32 0.00	39.23 0.39 0.00	38.44 0.27 0.00	38.73 0.61 0.00	39.48 0.51 0.00	43.24 0.77 0.00	55.88 0.17 0.00	64.96 0.13 0.00	54.84 -0.38 0.00	41.69 -0.85 0.00	38.65 -0.67 0.00	35.41 -0.95 0.00	34.75 -1.37 0.00	35.11 -1.20 0.00	33.84 -1.37 0.00	34.18 -1.39 0.00	37.12 -1.35 0.00	43.64 -1.82 0.00	52.26 -1.40 0.00	65.10 -0.39 0.00	61.41 -0.31 0.00	53.06 -0.05 0.00	44.47 -0.27 0.00	43.27 0.39 0.00

HQ_GEN_CEDARS 23644	40.09 -0.16 0.00	38.81 -0.04 0.00	38.21 0.04 0.00	38.16 0.04 0.00	39.02 0.04 0.00	42.61 0.13 0.00	56.04 0.33 0.00	65.28 0.45 0.00	55.61 0.39 0.00	42.46 -0.09 0.00	39.24 -0.08 0.00	36.18 -0.18 0.00	36.01 -0.11 0.00	36.17 -0.15 0.00	35.11 -0.11 0.00	35.03 -0.53 0.00	37.77 -0.69 0.00	44.77 -0.68 0.00	52.85 -0.80 0.00	64.63 -0.85 0.00	60.91 -0.80 0.00	52.48 -0.64 0.00	44.33 -0.40 0.00	42.84 -0.04 0.00
HQ_GEN_CEDARS_PROXY 323590	40.09 -0.16 0.00	38.81 -0.04 0.00	38.21 0.04 0.00	38.16 0.04 0.00	39.02 0.04 0.00	42.61 0.13 0.00	56.05 0.34 0.00	63.92 -0.91 0.00	54.39 -0.83 0.00	42.46 -0.08 0.00	39.24 -0.08 0.00	36.18 -0.18 0.00	36.01 -0.11 0.00	36.17 -0.14 0.00	35.11 -0.11 0.00	35.04 -0.53 0.00	37.77 -0.69 0.00	44.78 -0.68 0.00	52.85 -0.80 0.00	64.57 -0.92 0.00	60.91 -0.80 0.00	52.48 -0.64 0.00	44.33 -0.40 0.00	42.84 -0.04 0.00
HQ_GEN_IMPORT 323601	40.05 -0.20 0.00	38.69 -0.15 0.00	38.05 -0.11 0.00	38.01 -0.11 0.00	38.86 -0.12 0.00	42.39 -0.08 0.00	55.65 -0.06 0.00	64.70 -0.13 0.00	55.22 0.00 0.00	42.42 -0.13 0.00	39.20 -0.12 0.00	36.21 -0.14 0.00	36.01 -0.11 0.00	36.20 -0.11 0.00	35.11 -0.11 0.00	35.32 -0.25 0.00	38.15 -0.31 0.00	45.14 -0.32 0.00	53.17 -0.48 0.00	64.83 -0.65 0.00	61.16 -0.56 0.00	52.64 -0.48 0.00	44.47 -0.27 0.00	42.67 -0.21 0.00
HQ_GEN_WHEEL 23651	40.05 -0.20 0.00	38.69 -0.15 0.00	38.05 -0.11 0.00	38.01 -0.11 0.00	38.86 -0.12 0.00	42.39 -0.08 0.00	55.65 -0.06 0.00	64.70 -0.13 0.00	55.22 0.00 0.00	42.42 -0.13 0.00	39.20 -0.12 0.00	36.21 -0.14 0.00	36.01 -0.11 0.00	36.20 -0.11 0.00	35.11 -0.11 0.00	35.32 -0.25 0.00	38.15 -0.31 0.00	45.14 -0.32 0.00	53.17 -0.48 0.00	64.83 -0.65 0.00	61.16 -0.56 0.00	52.64 -0.48 0.00	44.47 -0.27 0.00	42.67 -0.21 0.00
HUDSON AVE_GT_3 23810	42.18 1.93 0.00	40.44 1.59 0.00	39.73 1.56 0.00	39.58 1.45 0.00	40.42 1.44 0.00	44.26 1.78 0.00	59.00 3.29 0.00	68.91 4.08 0.00	58.48 3.26 0.00	45.35 2.81 0.00	41.76 2.44 0.00	38.61 2.25 0.00	38.25 2.13 0.00	38.49 2.18 0.00	37.36 2.15 0.00	37.95 2.38 0.00	41.19 2.73 0.00	48.77 3.32 0.00	57.46 3.81 0.00	70.14 4.65 0.00	65.97 4.26 0.00	56.51 3.40 0.00	47.60 2.86 0.00	45.16 2.27 0.00
HUDSON AVE_GT_4 23540	42.18 1.93 0.00	40.44 1.59 0.00	39.73 1.56 0.00	39.58 1.45 0.00	40.42 1.44 0.00	44.26 1.78 0.00	59.00 3.29 0.00	68.91 4.08 0.00	58.48 3.26 0.00	45.35 2.81 0.00	41.76 2.44 0.00	38.61 2.25 0.00	38.25 2.13 0.00	38.49 2.18 0.00	37.36 2.15 0.00	37.95 2.38 0.00	41.19 2.73 0.00	48.77 3.32 0.00	57.46 3.81 0.00	70.14 4.65 0.00	65.97 4.26 0.00	56.51 3.40 0.00	47.60 2.86 0.00	45.16 2.27 0.00
HUDSON AVE_GT_5 23657	42.18 1.93 0.00	40.44 1.59 0.00	39.73 1.56 0.00	39.58 1.45 0.00	40.42 1.44 0.00	44.26 1.78 0.00	59.00 3.29 0.00	68.91 4.08 0.00	58.48 3.26 0.00	45.35 2.81 0.00	41.76 2.44 0.00	38.61 2.25 0.00	38.25 2.13 0.00	38.49 2.18 0.00	37.36 2.15 0.00	37.95 2.38 0.00	41.19 2.73 0.00	48.77 3.32 0.00	57.46 3.81 0.00	70.14 4.65 0.00	65.97 4.26 0.00	56.51 3.40 0.00	47.60 2.86 0.00	45.16 2.27 0.00
HUDSON_AVE_10 24168	42.14 1.89 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.34 1.36 0.00	44.22 1.74 0.00	59.00 3.29 0.00	68.91 4.08 0.00	58.48 3.26 0.00	45.35 2.81 0.00	41.76 2.44 0.00	38.61 2.25 0.00	38.25 2.13 0.00	38.49 2.18 0.00	37.36 2.15 0.00	37.95 2.38 0.00	41.19 2.73 0.00	48.82 3.36 0.00	57.51 3.86 0.00	70.14 4.65 0.00	65.97 4.26 0.00	56.57 3.45 0.00	47.60 2.86 0.00	45.16 2.27 0.00
HUDSON___115KV_TB 4 355613	41.62 1.37 0.00	40.09 1.24 0.00	39.39 1.22 0.00	39.27 1.14 0.00	40.19 1.21 0.00	43.67 1.19 0.00	57.55 1.84 0.00	66.77 1.94 0.00	56.60 1.38 0.00	43.44 0.89 0.00	39.91 0.59 0.00	36.94 0.58 0.00	36.73 0.61 0.00	36.89 0.58 0.00	35.88 0.67 0.00	36.31 0.75 0.00	39.39 0.92 0.00	46.87 1.41 0.00	55.53 1.88 0.00	67.91 2.42 0.00	63.81 2.10 0.00	54.87 1.75 0.00	46.12 1.39 0.00	44.04 1.16 0.00
HUNTER MOUNT___DRP 323613	41.74 1.49 0.00	40.20 1.36 0.00	39.50 1.34 0.00	39.38 1.26 0.00	40.30 1.33 0.00	43.84 1.36 0.00	57.83 2.12 0.00	66.97 2.14 0.00	56.71 1.49 0.00	43.48 0.94 0.00	39.91 0.59 0.00	36.94 0.58 0.00	36.73 0.61 0.00	36.89 0.58 0.00	35.88 0.67 0.00	36.31 0.75 0.00	39.39 0.92 0.00	46.91 1.45 0.00	55.69 2.04 0.00	68.17 2.68 0.00	64.06 2.35 0.00	55.03 1.91 0.00	46.26 1.52 0.00	44.26 1.37 0.00
HUNTINGTON_RES_REC 323705	42.54 2.29 0.00	40.44 1.59 0.00	39.77 1.60 0.00	39.57 1.45 0.00	40.65 1.67 0.00	44.64 2.17 0.00	59.05 3.34 0.00	69.04 4.21 0.00	58.20 2.98 0.00	45.31 2.76 0.00	41.33 2.00 0.00	38.21 1.85 0.00	37.78 1.66 0.00	37.86 1.56 0.01	36.62 1.41 0.01	37.45 1.88 0.00	40.96 2.50 0.00	48.64 3.18 0.00	57.25 3.60 0.00	69.55 4.06 0.00	65.72 4.01 0.00	55.33 2.44 0.23	47.64 2.91 0.00	44.99 2.10 0.00
HUNTLEY___63 23557	38.88 -1.37 0.00	37.60 -1.24 0.00	36.87 -1.30 0.00	37.17 -0.95 0.00	37.77 -1.21 0.00	41.33 -1.15 0.00	52.65 -3.06 0.00	61.20 -3.63 0.00	53.07 -2.15 0.00	40.50 -2.04 0.00	38.02 -1.30 0.00	35.23 -1.13 0.00	34.53 -1.59 0.00	34.90 -1.42 0.00	33.66 -1.55 0.00	33.83 -1.74 0.00	36.65 -1.81 0.00	42.41 -3.05 0.00	50.33 -3.33 0.00	61.62 -3.86 0.00	59.43 -2.28 0.00	51.26 -1.86 0.00	43.12 -1.61 0.00	42.07 -0.81 0.00
HUNTLEY___64 23558	38.88 -1.37 0.00	37.60 -1.24 0.00	36.87 -1.30 0.00	37.17 -0.95 0.00	37.77 -1.21 0.00	41.33 -1.15 0.00	52.65 -3.06 0.00	61.20 -3.63 0.00	53.07 -2.15 0.00	40.50 -2.04 0.00	38.02 -1.30 0.00	35.23 -1.13 0.00	34.53 -1.59 0.00	34.90 -1.42 0.00	33.66 -1.55 0.00	33.83 -1.74 0.00	36.65 -1.81 0.00	42.41 -3.05 0.00	50.33 -3.33 0.00	61.62 -3.86 0.00	59.43 -2.28 0.00	51.26 -1.86 0.00	43.12 -1.61 0.00	42.07 -0.81 0.00
HUNTLEY___65 23559	38.88 -1.37 0.00	37.60 -1.24 0.00	36.87 -1.30 0.00	37.17 -0.95 0.00	37.77 -1.21 0.00	41.33 -1.15 0.00	52.65 -3.06 0.00	61.20 -3.63 0.00	53.07 -2.15 0.00	40.50 -2.04 0.00	38.02 -1.30 0.00	35.23 -1.13 0.00	34.53 -1.59 0.00	34.90 -1.42 0.00	33.66 -1.55 0.00	33.83 -1.74 0.00	36.65 -1.81 0.00	42.41 -3.05 0.00	50.33 -3.33 0.00	61.62 -3.86 0.00	59.43 -2.28 0.00	51.26 -1.86 0.00	43.12 -1.61 0.00	42.07 -0.81 0.00
HUNTLEY___66 23560	38.88 -1.37 0.00	37.60 -1.24 0.00	36.87 -1.30 0.00	37.17 -0.95 0.00	37.77 -1.21 0.00	41.33 -1.15 0.00	52.65 -3.06 0.00	61.20 -3.63 0.00	53.07 -2.15 0.00	40.50 -2.04 0.00	38.02 -1.30 0.00	35.23 -1.13 0.00	34.53 -1.59 0.00	34.90 -1.42 0.00	33.66 -1.55 0.00	33.83 -1.74 0.00	36.65 -1.81 0.00	42.41 -3.05 0.00	50.33 -3.33 0.00	61.62 -3.86 0.00	59.43 -2.28 0.00	51.26 -1.86 0.00	43.12 -1.61 0.00	42.07 -0.81 0.00

HUNTLEY___67 23561	38.80 -1.45 0.00	37.48 -1.36 0.00	36.76 -1.41 0.00	37.02 -1.11 0.00	37.65 -1.33 0.00	41.20 -1.27 0.00	52.53 -3.18 0.00	60.94 -3.89 0.00	52.35 -2.87 0.00	40.03 -2.51 0.00	37.59 -1.73 0.00	34.83 -1.53 0.00	34.17 -1.95 0.00	34.50 -1.82 0.00	33.28 -1.94 0.00	33.68 -1.89 0.00	36.50 -1.96 0.00	42.27 -3.18 0.00	50.11 -3.54 0.00	61.36 -4.13 0.00	59.12 -2.59 0.00	51.04 -2.07 0.00	42.95 -1.79 0.00	41.94 -0.94 0.00
HUNTLEY___68 23562	38.80 -1.45 0.00	37.48 -1.36 0.00	36.76 -1.41 0.00	37.02 -1.11 0.00	37.65 -1.33 0.00	41.20 -1.27 0.00	52.53 -3.18 0.00	60.94 -3.89 0.00	52.35 -2.87 0.00	40.03 -2.51 0.00	37.59 -1.73 0.00	34.83 -1.53 0.00	34.17 -1.95 0.00	34.50 -1.82 0.00	33.28 -1.94 0.00	33.68 -1.89 0.00	36.50 -1.96 0.00	42.27 -3.18 0.00	50.11 -3.54 0.00	61.36 -4.13 0.00	59.12 -2.59 0.00	51.04 -2.07 0.00	42.95 -1.79 0.00	41.94 -0.94 0.00
HYLAND___LFGE 323620	41.26 1.01 0.00	39.85 1.01 0.00	39.01 0.84 0.00	39.38 1.26 0.00	40.07 1.09 0.00	43.97 1.49 0.00	56.88 1.17 0.00	66.32 1.49 0.00	55.44 0.22 0.00	41.99 -0.55 0.00	38.85 -0.47 0.00	35.63 -0.73 0.00	34.82 -1.30 0.00	35.15 -1.16 0.00	34.09 -1.13 0.00	33.40 -2.17 0.00	36.42 -2.04 0.00	43.18 -2.27 0.00	51.93 -1.72 0.00	65.68 0.20 0.00	62.21 0.49 0.00	55.29 2.18 0.00	46.12 1.39 0.00	44.65 1.76 0.00
INDECK___CORINTH 23802	41.14 0.88 0.00	39.66 0.82 0.00	38.93 0.76 0.00	38.77 0.65 0.00	39.76 0.78 0.00	43.50 1.02 0.00	57.44 1.73 0.00	67.03 2.21 0.00	56.93 1.71 0.00	45.05 2.51 0.00	41.25 1.93 0.00	38.25 1.89 0.00	37.74 1.63 0.00	37.95 1.64 0.00	36.80 1.59 0.00	37.10 1.53 0.00	40.27 1.81 0.00	46.55 1.09 0.00	55.15 1.50 0.00	67.45 1.96 0.00	63.51 1.79 0.00	54.55 1.43 0.00	46.08 1.34 0.00	44.00 1.11 0.00
INDECK___ILION 23567	40.81 0.56 0.00	39.35 0.50 0.00	38.67 0.50 0.00	38.62 0.50 0.00	39.48 0.51 0.00	43.07 0.59 0.00	56.60 0.89 0.00	65.86 1.04 0.00	56.05 0.83 0.00	43.10 0.55 0.00	39.75 0.43 0.00	36.72 0.36 0.00	36.44 0.33 0.00	36.60 0.29 0.00	35.43 0.21 0.00	35.82 0.25 0.00	38.77 0.31 0.00	45.77 0.32 0.00	54.19 0.54 0.00	66.21 0.72 0.00	62.39 0.68 0.00	53.70 0.58 0.00	45.18 0.45 0.00	43.27 0.39 0.00
INDECK___OLEAN 23982	39.93 -0.32 0.00	38.61 -0.23 0.00	37.94 -0.23 0.00	38.28 0.15 0.00	38.90 -0.08 0.00	42.48 0.00 0.00	54.76 -0.95 0.00	63.46 -1.36 0.00	54.17 -1.05 0.00	41.31 -1.24 0.00	38.49 -0.83 0.00	35.59 -0.77 0.00	34.93 -1.19 0.00	35.26 -1.05 0.00	33.98 -1.23 0.00	34.36 -1.21 0.00	37.31 -1.15 0.00	43.46 -2.00 0.00	51.67 -1.98 0.00	64.37 -1.11 0.00	60.98 -0.74 0.00	52.53 -0.58 0.00	44.07 -0.67 0.00	43.23 0.34 0.00
INDECK___OSWEGO 23783	39.48 -0.77 0.00	38.10 -0.74 0.00	37.41 -0.76 0.00	37.44 -0.69 0.00	38.24 -0.74 0.00	41.63 -0.85 0.00	53.82 -1.89 0.00	62.75 -2.08 0.00	53.40 -1.82 0.00	41.14 -1.40 0.00	38.14 -1.18 0.00	35.27 -1.09 0.00	35.29 -0.83 0.00	35.51 -0.80 0.00	34.41 -0.81 0.00	34.79 -0.78 0.00	37.62 -0.85 0.00	44.32 -1.13 0.00	52.42 -1.23 0.00	64.31 -1.18 0.00	60.54 -1.17 0.00	52.10 -1.01 0.00	43.79 -0.94 0.00	42.12 -0.77 0.00
INDECK___YERKES 23781	39.00 -1.25 0.00	37.68 -1.16 0.00	36.95 -1.22 0.00	37.44 -0.69 0.00	37.96 -1.01 0.00	41.37 -1.10 0.00	52.70 -3.01 0.00	61.26 -3.57 0.00	53.12 -2.10 0.00	40.55 -2.00 0.00	38.06 -1.26 0.00	35.27 -1.09 0.00	34.57 -1.55 0.00	34.89 -1.42 0.00	33.70 -1.51 0.00	33.86 -1.71 0.00	36.69 -1.77 0.00	42.45 -3.00 0.00	50.38 -3.27 0.00	62.86 -2.62 0.00	59.50 -2.22 0.00	51.31 -1.81 0.00	43.08 -1.65 0.00	42.29 -0.60 0.00
INDIAN POINT_GT_1 24139	41.70 1.45 0.00	40.01 1.17 0.00	39.35 1.18 0.00	39.19 1.07 0.00	40.07 1.09 0.00	43.84 1.36 0.00	58.22 2.51 0.00	67.81 2.98 0.00	57.59 2.37 0.00	44.63 2.08 0.00	41.05 1.73 0.00	37.96 1.60 0.00	37.67 1.55 0.00	37.87 1.56 0.00	36.76 1.55 0.00	37.31 1.74 0.00	40.50 2.04 0.00	48.05 2.59 0.00	56.60 2.95 0.00	69.09 3.60 0.00	64.99 3.27 0.00	55.66 2.55 0.00	46.93 2.19 0.00	44.56 1.67 0.00
INDIAN POINT_GT_2 23659	41.70 1.45 0.00	40.01 1.17 0.00	39.35 1.18 0.00	39.19 1.07 0.00	40.07 1.09 0.00	43.84 1.36 0.00	58.22 2.51 0.00	67.81 2.98 0.00	57.59 2.37 0.00	44.63 2.08 0.00	41.05 1.73 0.00	37.96 1.60 0.00	37.67 1.55 0.00	37.87 1.56 0.00	36.76 1.55 0.00	37.31 1.74 0.00	40.50 2.04 0.00	48.05 2.59 0.00	56.60 2.95 0.00	69.09 3.60 0.00	64.99 3.27 0.00	55.66 2.55 0.00	46.93 2.19 0.00	44.56 1.67 0.00
INDIAN POINT_GT_3 24019	41.70 1.45 0.00	40.01 1.17 0.00	39.35 1.18 0.00	39.19 1.07 0.00	40.07 1.09 0.00	43.84 1.36 0.00	58.22 2.51 0.00	67.81 2.98 0.00	57.59 2.37 0.00	44.63 2.08 0.00	41.05 1.73 0.00	37.96 1.60 0.00	37.67 1.55 0.00	37.87 1.56 0.00	36.76 1.55 0.00	37.31 1.74 0.00	40.50 2.04 0.00	48.05 2.59 0.00	56.60 2.95 0.00	69.09 3.60 0.00	64.99 3.27 0.00	55.66 2.55 0.00	46.93 2.19 0.00	44.56 1.67 0.00
INDIAN POINT___2 23530	41.54 1.29 0.00	39.89 1.05 0.00	39.24 1.07 0.00	39.08 0.95 0.00	39.99 1.01 0.00	43.71 1.23 0.00	58.00 2.29 0.00	67.61 2.79 0.00	57.37 2.15 0.00	44.46 1.92 0.00	40.90 1.57 0.00	37.85 1.49 0.00	37.56 1.45 0.00	37.73 1.41 0.00	36.59 1.37 0.00	37.13 1.56 0.00	40.35 1.88 0.00	47.82 2.36 0.00	56.39 2.73 0.00	68.63 3.14 0.00	64.74 3.02 0.00	55.45 2.33 0.00	46.75 2.01 0.00	44.39 1.50 0.00
INDIAN POINT___3 23531	41.74 1.49 0.00	40.05 1.20 0.00	39.39 1.22 0.00	39.23 1.11 0.00	40.11 1.13 0.00	43.88 1.40 0.00	58.27 2.56 0.00	67.87 3.05 0.00	57.65 2.43 0.00	44.67 2.13 0.00	41.13 1.81 0.00	38.03 1.67 0.00	37.71 1.59 0.00	37.91 1.60 0.00	36.80 1.58 0.00	37.38 1.81 0.00	40.54 2.08 0.00	48.09 2.64 0.00	56.66 3.00 0.00	69.15 3.67 0.00	65.05 3.33 0.00	55.72 2.60 0.00	46.97 2.24 0.00	44.60 1.72 0.00
INGHAM_C_115KV_TB7 356103	41.18 0.93 0.00	39.74 0.89 0.00	39.05 0.88 0.00	39.00 0.88 0.00	39.87 0.90 0.00	43.50 1.02 0.00	57.16 1.45 0.00	66.51 1.69 0.00	56.49 1.27 0.00	43.44 0.89 0.00	39.99 0.67 0.00	36.90 0.55 0.00	36.62 0.51 0.00	36.71 0.40 0.00	35.50 0.28 0.00	35.89 0.32 0.00	38.81 0.35 0.00	45.82 0.36 0.00	54.30 0.64 0.00	66.40 0.92 0.00	62.58 0.86 0.00	53.86 0.74 0.00	45.32 0.58 0.00	43.40 0.51 0.00
IP CORINTH___1 23988	41.38 1.13 0.00	39.89 1.05 0.00	39.12 0.95 0.00	39.00 0.88 0.00	39.99 1.01 0.00	43.75 1.27 0.00	57.72 2.01 0.00	67.35 2.53 0.00	57.26 2.04 0.00	45.05 2.51 0.00	41.25 1.93 0.00	38.25 1.89 0.00	37.74 1.63 0.00	37.95 1.63 0.00	36.80 1.58 0.00	37.13 1.56 0.00	40.27 1.81 0.00	46.77 1.32 0.00	55.48 1.82 0.00	67.97 2.49 0.00	63.88 2.16 0.00	54.87 1.75 0.00	46.30 1.57 0.00	44.26 1.37 0.00

IP___TICONDEROGA 23804	42.75 2.50 0.00	41.25 2.41 0.00	40.38 2.21 0.00	40.26 2.14 0.00	41.32 2.34 0.00	45.33 2.85 0.00	60.00 4.29 0.00	70.27 5.45 0.00	59.42 4.20 0.00	46.33 3.79 0.00	42.19 2.87 0.00	39.19 2.84 0.00	38.57 2.46 0.00	38.78 2.47 0.00	37.61 2.39 0.00	37.88 2.31 0.00	41.12 2.65 0.00	48.09 2.64 0.00	57.35 3.70 0.00	70.72 5.24 0.00	66.47 4.75 0.00	56.99 3.88 0.00	47.96 3.22 0.00	45.97 3.09 0.00
ISLIP_RES_REC 323679	42.91 2.66 0.00	40.63 1.79 0.00	40.04 1.87 0.00	39.84 1.72 0.00	41.00 2.03 0.00	45.07 2.59 0.00	60.00 4.29 0.00	70.14 5.32 0.00	58.92 3.70 0.00	45.57 3.02 0.00	41.44 2.12 0.00	38.28 1.93 0.00	37.82 1.70 0.00	37.86 1.56 0.01	36.62 1.41 0.01	37.52 1.95 0.00	41.04 2.58 0.00	48.87 3.41 0.00	57.89 4.24 0.00	70.40 4.91 0.00	66.65 4.94 0.00	55.81 2.92 0.23	47.82 3.08 0.00	45.16 2.27 0.00
JAMAICA__27_KV_LOAD 355505	42.42 2.17 0.00	40.63 1.79 0.00	39.96 1.79 0.00	39.77 1.64 0.00	40.58 1.60 0.00	44.56 2.08 0.00	59.55 3.84 0.00	69.69 4.86 0.00	59.14 3.92 0.00	45.86 3.32 0.00	42.23 2.91 0.00	39.01 2.65 0.00	38.65 2.53 0.00	38.89 2.58 0.00	37.78 2.57 0.00	38.38 2.81 0.00	41.65 3.19 0.00	49.37 3.91 0.00	58.21 4.56 0.00	71.05 5.57 0.00	66.84 5.12 0.00	57.26 4.14 0.00	48.13 3.40 0.00	45.59 2.70 0.00
JANIS___SOLAR 323808	42.22 1.97 0.00	40.82 1.98 0.00	40.00 1.83 0.00	40.15 2.02 0.00	41.00 2.03 0.00	44.90 2.42 0.00	58.83 3.12 0.00	68.72 3.89 0.00	58.03 2.81 0.00	44.12 1.58 0.00	40.58 1.26 0.00	37.30 0.94 0.00	36.95 0.83 0.00	37.22 0.91 0.00	35.99 0.77 0.00	36.60 1.03 0.00	39.85 1.38 0.00	47.18 1.73 0.00	56.33 2.68 0.00	69.68 4.19 0.00	65.54 3.83 0.00	56.30 3.19 0.00	47.15 2.41 0.00	45.37 2.49 0.00
JARVIS____ 23743	40.45 0.20 0.00	39.00 0.16 0.00	38.32 0.15 0.00	38.28 0.15 0.00	39.13 0.16 0.00	42.65 0.17 0.00	55.99 0.28 0.00	65.15 0.33 0.00	55.50 0.28 0.00	42.76 0.21 0.00	39.48 0.16 0.00	36.50 0.15 0.00	36.23 0.11 0.00	36.42 0.11 0.00	35.32 0.11 0.00	35.75 0.18 0.00	38.66 0.19 0.00	45.68 0.23 0.00	53.98 0.32 0.00	65.88 0.40 0.00	62.09 0.37 0.00	53.44 0.32 0.00	44.96 0.22 0.00	43.06 0.17 0.00
JENNISON___1 23625	42.26 2.01 0.00	40.83 1.98 0.00	40.04 1.87 0.00	40.15 2.02 0.00	41.00 2.03 0.00	44.99 2.51 0.00	59.00 3.29 0.00	68.91 4.08 0.00	58.48 3.26 0.00	44.63 2.08 0.00	41.05 1.73 0.00	37.74 1.38 0.00	37.45 1.34 0.00	37.65 1.34 0.00	36.41 1.20 0.00	36.96 1.39 0.00	40.12 1.65 0.00	47.32 1.86 0.00	56.33 2.68 0.00	69.28 3.80 0.00	65.36 3.64 0.00	56.25 3.13 0.00	47.15 2.42 0.00	45.29 2.40 0.00
JENNISON___2 23626	42.26 2.01 0.00	40.83 1.98 0.00	40.04 1.87 0.00	40.15 2.02 0.00	41.00 2.03 0.00	44.99 2.51 0.00	59.00 3.29 0.00	68.91 4.08 0.00	58.48 3.26 0.00	44.63 2.08 0.00	41.05 1.73 0.00	37.74 1.38 0.00	37.45 1.34 0.00	37.65 1.34 0.00	36.41 1.20 0.00	36.96 1.39 0.00	40.12 1.65 0.00	47.32 1.86 0.00	56.33 2.68 0.00	69.28 3.80 0.00	65.36 3.64 0.00	56.25 3.13 0.00	47.15 2.42 0.00	45.29 2.40 0.00
JERICHO_RISE_WT_PWR 323719	39.77 -0.48 0.00	38.53 -0.31 0.00	37.94 -0.23 0.00	37.94 -0.19 0.00	38.86 -0.12 0.00	42.48 0.00 0.00	55.93 0.22 0.00	64.63 -0.19 0.00	55.44 0.22 0.00	42.38 -0.17 0.00	39.13 -0.20 0.00	36.07 -0.29 0.00	35.90 -0.22 0.00	36.06 -0.25 0.00	34.97 -0.24 0.00	35.04 -0.53 0.00	37.73 -0.73 0.00	44.73 -0.73 0.00	52.79 -0.86 0.00	64.11 -1.38 0.00	60.36 -1.36 0.00	52.21 -0.90 0.00	44.42 -0.31 0.00	42.67 -0.21 0.00
KATONAH___115KV_46KV_TB4 355592	42.06 1.81 0.00	40.36 1.51 0.00	39.66 1.49 0.00	39.54 1.41 0.00	40.42 1.44 0.00	44.22 1.74 0.00	58.72 3.01 0.00	68.33 3.50 0.00	58.04 2.82 0.00	45.01 2.47 0.00	41.41 2.08 0.00	38.29 1.93 0.00	38.03 1.91 0.00	38.24 1.92 0.00	37.12 1.90 0.00	37.70 2.13 0.00	40.92 2.46 0.00	48.50 3.05 0.00	57.14 3.49 0.00	69.68 4.19 0.00	65.54 3.83 0.00	56.20 3.08 0.00	47.33 2.59 0.00	44.90 2.02 0.00
KCE_NY_1 323755	41.86 1.61 0.00	40.32 1.48 0.00	39.58 1.41 0.00	39.46 1.33 0.00	40.42 1.44 0.00	44.13 1.66 0.00	58.27 2.56 0.00	67.81 2.98 0.00	57.59 2.37 0.00	44.63 2.08 0.00	40.93 1.61 0.00	37.92 1.56 0.00	37.56 1.45 0.00	37.77 1.45 0.00	36.62 1.41 0.00	36.99 1.42 0.00	40.15 1.69 0.00	47.41 1.95 0.00	56.12 2.47 0.00	68.50 3.01 0.00	64.56 2.84 0.00	55.45 2.33 0.00	46.70 1.97 0.00	44.60 1.72 0.00
KCE_NY_6_ESR 323823	39.45 -0.80 0.00	38.10 -0.74 0.00	37.37 -0.80 0.00	37.86 -0.27 0.00	38.35 -0.63 0.00	41.88 -0.59 0.00	53.48 -2.23 0.00	62.11 -2.72 0.00	53.40 -1.82 0.00	40.72 -1.83 0.00	38.18 -1.14 0.00	35.38 -0.98 0.00	34.67 -1.45 0.00	35.04 -1.27 0.00	33.80 -1.41 0.00	34.18 -1.39 0.00	37.04 -1.42 0.00	42.91 -2.54 0.00	50.92 -2.73 0.00	63.58 -1.90 0.00	60.17 -1.54 0.00	51.90 -1.22 0.00	43.57 -1.16 0.00	42.76 -0.13 0.00
KEDC_PORT_JEFF_GT2 24210	42.79 2.54 0.00	40.59 1.75 0.00	39.96 1.79 0.00	39.76 1.64 0.00	40.89 1.91 0.00	44.98 2.51 0.00	59.72 4.01 0.00	69.82 4.99 0.00	58.70 3.48 0.00	45.44 2.89 0.00	41.36 2.04 0.00	38.21 1.85 0.00	37.78 1.66 0.00	37.83 1.52 0.01	36.58 1.37 0.01	37.45 1.88 0.00	41.00 2.54 0.00	48.77 3.32 0.00	57.73 4.08 0.00	70.20 4.72 0.00	66.40 4.69 0.00	55.65 2.76 0.23	47.73 3.00 0.00	45.07 2.19 0.00
KEDC_PORT_JEFF_GT3 24211	42.79 2.54 0.00	40.59 1.75 0.00	39.96 1.79 0.00	39.76 1.64 0.00	40.89 1.91 0.00	44.98 2.51 0.00	59.72 4.01 0.00	69.82 4.99 0.00	58.70 3.48 0.00	45.44 2.89 0.00	41.36 2.04 0.00	38.21 1.85 0.00	37.78 1.66 0.00	37.83 1.52 0.01	36.58 1.37 0.01	37.45 1.88 0.00	41.00 2.54 0.00	48.77 3.32 0.00	57.73 4.08 0.00	70.20 4.72 0.00	66.40 4.69 0.00	55.65 2.76 0.23	47.73 3.00 0.00	45.07 2.19 0.00
KEDC_GLWD_GT4 24219	42.54 2.29 0.00	40.59 1.75 0.00	39.93 1.76 0.00	39.69 1.56 0.00	40.73 1.76 0.00	44.64 2.17 0.00	59.28 3.57 0.00	69.30 4.47 0.00	58.64 3.42 0.00	45.57 3.02 0.00	41.68 2.36 0.00	38.54 2.18 0.00	38.18 2.06 0.00	38.26 1.96 0.01	37.07 1.87 0.01	37.81 2.24 0.00	41.27 2.81 0.00	48.96 3.50 0.00	57.62 3.97 0.00	70.07 4.58 0.00	66.10 4.38 0.00	56.16 3.13 0.09	47.82 3.08 0.00	45.29 2.40 0.00
KEDC_GLWD_GT5 24220	42.54 2.29 0.00	40.59 1.75 0.00	39.93 1.76 0.00	39.69 1.56 0.00	40.73 1.76 0.00	44.64 2.17 0.00	59.28 3.57 0.00	69.30 4.47 0.00	58.64 3.42 0.00	45.57 3.02 0.00	41.68 2.36 0.00	38.54 2.18 0.00	38.18 2.06 0.00	38.26 1.96 0.01	37.07 1.87 0.01	37.81 2.24 0.00	41.27 2.81 0.00	48.96 3.50 0.00	57.62 3.97 0.00	70.07 4.58 0.00	66.10 4.38 0.00	56.16 3.13 0.09	47.82 3.08 0.00	45.29 2.40 0.00

KENSICO____ 23655	41.94 1.69 0.00	40.24 1.40 0.00	39.54 1.37 0.00	39.38 1.26 0.00	40.26 1.29 0.00	44.05 1.57 0.00	58.61 2.90 0.00	68.33 3.50 0.00	58.04 2.82 0.00	44.97 2.43 0.00	41.41 2.08 0.00	38.29 1.93 0.00	37.96 1.84 0.00	38.13 1.82 0.00	37.04 1.83 0.00	37.60 2.03 0.00	40.81 2.35 0.00	48.37 2.91 0.00	57.03 3.38 0.00	69.55 4.06 0.00	65.42 3.70 0.00	56.09 2.97 0.00	47.24 2.51 0.00	44.82 1.93 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.86 1.61 0.00	40.16 1.32 0.00	39.50 1.34 0.00	39.38 1.26 0.00	40.26 1.29 0.00	44.14 1.66 0.00	58.55 2.84 0.00	68.07 3.24 0.00	57.76 2.54 0.00	44.59 2.04 0.00	40.97 1.65 0.00	37.85 1.49 0.00	37.60 1.48 0.00	37.80 1.49 0.00	36.73 1.51 0.00	37.28 1.71 0.00	40.50 2.04 0.00	48.14 2.68 0.00	56.87 3.22 0.00	69.61 4.13 0.00	65.42 3.70 0.00	56.04 2.92 0.00	47.15 2.42 0.00	44.90 2.02 0.00
KIAC_JFK_GT1 23816	42.22 1.97 0.00	40.44 1.59 0.00	39.73 1.56 0.00	39.54 1.41 0.00	40.34 1.36 0.00	44.31 1.83 0.00	59.22 3.51 0.00	69.23 4.41 0.00	58.81 3.59 0.00	45.61 3.06 0.00	42.00 2.67 0.00	38.83 2.47 0.00	38.47 2.35 0.00	38.71 2.40 0.00	37.61 2.39 0.00	38.16 2.60 0.00	41.46 3.00 0.00	49.09 3.64 0.00	57.84 4.18 0.00	70.59 5.11 0.00	66.47 4.75 0.00	56.94 3.82 0.00	47.82 3.09 0.00	45.33 2.44 0.00
KIAC_JFK_GT2 23817	42.22 1.97 0.00	40.44 1.59 0.00	39.73 1.56 0.00	39.54 1.41 0.00	40.34 1.36 0.00	44.31 1.83 0.00	59.22 3.51 0.00	69.23 4.41 0.00	58.81 3.59 0.00	45.61 3.06 0.00	42.00 2.67 0.00	38.83 2.47 0.00	38.47 2.35 0.00	38.71 2.40 0.00	37.61 2.39 0.00	38.16 2.60 0.00	41.46 3.00 0.00	49.09 3.64 0.00	57.84 4.18 0.00	70.59 5.11 0.00	66.47 4.75 0.00	56.94 3.82 0.00	47.82 3.09 0.00	45.33 2.44 0.00
KIAC_JFK____ 323774	42.22 1.97 0.00	40.44 1.59 0.00	39.77 1.60 0.00	39.54 1.41 0.00	40.42 1.44 0.00	44.35 1.87 0.00	59.22 3.51 0.00	69.24 4.41 0.00	58.81 3.59 0.00	45.61 3.06 0.00	41.96 2.63 0.00	38.83 2.47 0.00	38.46 2.35 0.00	38.71 2.40 0.00	37.50 2.29 0.00	38.13 2.56 0.00	41.42 2.96 0.00	49.09 3.64 0.00	57.89 4.24 0.00	70.33 4.85 0.00	66.40 4.69 0.00	56.89 3.77 0.00	47.87 3.13 0.00	45.33 2.44 0.00
KINTIGH____ 23543	38.64 -1.61 0.00	37.29 -1.55 0.00	36.60 -1.56 0.00	36.83 -1.30 0.00	37.50 -1.48 0.00	40.99 -1.49 0.00	52.37 -3.34 0.00	60.87 -3.95 0.00	52.18 -3.04 0.00	39.95 -2.60 0.00	37.51 -1.81 0.00	34.72 -1.64 0.00	34.17 -1.95 0.00	34.46 -1.85 0.00	33.31 -1.90 0.00	33.68 -1.89 0.00	36.50 -1.96 0.00	42.36 -3.09 0.00	50.22 -3.43 0.00	61.36 -4.13 0.00	59.00 -2.72 0.00	50.94 -2.18 0.00	42.77 -1.97 0.00	41.69 -1.20 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.21 -0.04 0.00	39.00 0.16 0.00	38.44 0.27 0.00	38.43 0.31 0.00	39.41 0.43 0.00	43.16 0.68 0.00	56.94 1.23 0.00	65.47 0.65 0.00	56.43 1.21 0.00	42.93 0.38 0.00	39.64 0.31 0.00	36.50 0.15 0.00	36.41 0.29 0.00	36.53 0.22 0.00	35.43 0.21 0.00	35.46 -0.11 0.00	38.15 -0.31 0.00	45.32 -0.14 0.00	53.54 -0.11 0.00	64.70 -0.79 0.00	61.16 -0.56 0.00	53.06 -0.05 0.00	45.27 0.54 0.00	43.44 0.56 0.00
LACHUTE__HYDRO 323717	42.75 2.50 0.00	41.25 2.41 0.00	40.38 2.21 0.00	40.26 2.13 0.00	41.32 2.34 0.00	45.33 2.85 0.00	60.00 4.29 0.00	70.27 5.45 0.00	59.41 4.19 0.00	46.33 3.79 0.00	42.23 2.91 0.00	39.20 2.84 0.00	38.57 2.46 0.00	38.78 2.47 0.00	37.61 2.40 0.00	37.88 2.31 0.00	41.11 2.65 0.00	48.09 2.64 0.00	57.35 3.70 0.00	70.60 5.11 0.00	66.47 4.75 0.00	56.99 3.88 0.00	47.96 3.22 0.00	45.98 3.09 0.00
LAWRNCAL_115KV_TB1 80681	39.41 -0.85 0.00	38.14 -0.70 0.00	37.56 -0.61 0.00	37.52 -0.61 0.00	38.39 -0.58 0.00	41.97 -0.51 0.00	55.26 -0.45 0.00	64.05 -0.78 0.00	54.50 -0.72 0.00	41.74 -0.81 0.00	38.53 -0.79 0.00	35.52 -0.84 0.00	35.40 -0.72 0.00	35.51 -0.80 0.00	34.44 -0.77 0.00	34.39 -1.17 0.00	37.08 -1.38 0.00	44.00 -1.45 0.00	52.04 -1.61 0.00	63.78 -1.70 0.00	60.05 -1.67 0.00	51.73 -1.38 0.00	43.71 -1.03 0.00	42.16 -0.73 0.00
LEDERLE____ 23769	41.78 1.53 0.00	40.09 1.24 0.00	39.43 1.26 0.00	39.27 1.14 0.00	40.15 1.17 0.00	44.05 1.57 0.00	58.50 2.79 0.00	68.13 3.31 0.00	57.87 2.65 0.00	44.84 2.30 0.00	41.25 1.93 0.00	38.14 1.78 0.00	37.85 1.73 0.00	38.05 1.74 0.00	36.97 1.76 0.00	37.49 1.92 0.00	40.62 2.15 0.00	48.14 2.68 0.00	56.76 3.11 0.00	69.28 3.80 0.00	65.17 3.46 0.00	55.82 2.71 0.00	47.02 2.28 0.00	44.69 1.80 0.00
LIGHTHSE_115KV_TB6 355974	39.73 -0.52 0.00	38.38 -0.47 0.00	37.67 -0.50 0.00	37.71 -0.42 0.00	38.51 -0.47 0.00	42.10 -0.38 0.00	54.87 -0.84 0.00	64.05 -0.78 0.00	54.34 -0.88 0.00	41.74 -0.81 0.00	38.61 -0.71 0.00	35.60 -0.76 0.00	35.43 -0.69 0.00	35.62 -0.69 0.00	34.51 -0.70 0.00	34.93 -0.64 0.00	37.81 -0.65 0.00	44.64 -0.82 0.00	53.06 -0.59 0.00	65.22 -0.26 0.00	61.53 -0.19 0.00	52.85 -0.27 0.00	44.33 -0.40 0.00	42.59 -0.30 0.00
LINDEN COGEN____ 23786	41.86 1.61 0.00	40.12 1.28 0.00	39.47 1.30 0.00	39.27 1.14 0.00	40.19 1.21 0.00	43.97 1.49 0.00	58.61 2.90 0.00	68.39 3.56 0.00	58.03 2.81 0.00	45.05 2.51 0.00	41.44 2.12 0.00	38.39 2.03 0.00	38.03 1.91 0.00	38.23 1.92 0.00	37.08 1.87 0.00	37.63 2.06 0.00	40.89 2.42 0.00	48.46 3.00 0.00	57.09 3.44 0.00	69.35 3.86 0.00	65.48 3.77 0.00	56.09 2.97 0.00	47.33 2.59 0.00	44.90 2.02 0.00
LINDHRST_69_KV_BK1 356055	42.83 2.58 0.00	40.71 1.86 0.00	40.00 1.83 0.00	39.80 1.68 0.00	40.89 1.91 0.00	44.90 2.42 0.00	59.72 4.01 0.00	69.82 4.99 0.00	58.86 3.64 0.00	45.74 3.19 0.00	41.96 2.63 0.00	38.58 2.22 0.00	38.07 1.95 0.00	38.16 1.85 0.00	37.01 1.80 0.00	37.95 2.38 0.00	41.39 2.92 0.00	49.05 3.59 0.00	58.00 4.35 0.00	70.86 5.37 0.00	66.47 4.75 0.00	56.05 3.13 0.20	48.00 3.27 0.00	45.42 2.53 0.00
LIPA_MISC_IPP 23656	42.55 2.29 0.00	40.28 1.44 0.00	39.58 1.41 0.00	39.50 1.37 0.00	40.58 1.60 0.00	44.69 2.21 0.00	59.44 3.73 0.00	69.30 4.47 0.00	58.15 2.93 0.00	45.10 2.55 0.00	41.41 2.08 0.00	37.92 1.56 0.00	37.38 1.26 0.00	37.44 1.13 0.00	36.27 1.06 0.00	37.31 1.74 0.00	40.65 2.19 0.00	48.23 2.77 0.00	57.57 3.92 0.00	70.27 4.78 0.00	65.85 4.13 0.00	55.07 2.18 0.23	47.24 2.51 0.00	44.69 1.80 0.00
LISF__SOLAR 323691	42.58 2.33 0.00	40.32 1.48 0.00	39.73 1.57 0.00	39.57 1.45 0.00	40.69 1.71 0.00	44.77 2.29 0.00	59.50 3.79 0.00	69.43 4.60 0.00	58.25 3.04 0.00	45.05 2.51 0.00	40.93 1.61 0.00	37.81 1.46 0.00	37.38 1.26 0.00	37.43 1.13 0.01	36.16 0.95 0.01	37.03 1.46 0.00	40.50 2.04 0.00	48.23 2.77 0.00	57.25 3.60 0.00	69.61 4.13 0.00	65.97 4.26 0.00	55.17 2.28 0.23	47.24 2.50 0.00	44.65 1.76 0.00

LITTLE FALLS___HYD 24013	41.18 0.93 0.00	39.74 0.89 0.00	39.05 0.88 0.00	39.00 0.88 0.00	39.87 0.90 0.00	43.50 1.02 0.00	57.16 1.45 0.00	66.51 1.69 0.00	56.49 1.27 0.00	43.44 0.89 0.00	39.99 0.67 0.00	36.90 0.55 0.00	36.62 0.51 0.00	36.71 0.40 0.00	35.50 0.28 0.00	35.89 0.32 0.00	38.81 0.35 0.00	45.82 0.36 0.00	54.30 0.64 0.00	66.40 0.92 0.00	62.58 0.86 0.00	53.86 0.74 0.00	45.32 0.58 0.00	43.40 0.51 0.00
LITTLRIV_115KV_TB1 356100	39.93 -0.32 0.00	38.65 -0.19 0.00	38.02 -0.15 0.00	38.01 -0.11 0.00	38.90 -0.08 0.00	42.61 0.13 0.00	56.16 0.45 0.00	65.02 0.19 0.00	55.27 0.06 0.00	42.25 -0.30 0.00	38.97 -0.35 0.00	35.81 -0.55 0.00	35.68 -0.43 0.00	35.80 -0.51 0.00	34.76 -0.46 0.00	34.68 -0.89 0.00	37.42 -1.04 0.00	44.50 -0.95 0.00	52.74 -0.91 0.00	64.77 -0.72 0.00	60.97 -0.74 0.00	52.48 -0.64 0.00	44.33 -0.40 0.00	42.80 -0.09 0.00
LI_NEWBRDGE___DRP 323616	42.18 1.93 0.00	40.24 1.40 0.00	39.54 1.37 0.00	39.35 1.22 0.00	40.34 1.36 0.00	44.26 1.78 0.00	58.77 3.06 0.00	68.59 3.76 0.00	58.04 2.82 0.00	45.18 2.64 0.00	41.48 2.16 0.00	38.21 1.85 0.00	37.78 1.66 0.00	37.91 1.60 0.00	36.76 1.55 0.00	37.60 2.03 0.00	40.92 2.46 0.00	48.46 3.00 0.00	57.09 3.43 0.00	69.68 4.19 0.00	65.36 3.64 0.00	55.37 2.50 0.24	47.37 2.64 0.00	44.86 1.97 0.00
LOCKPORT_115KV_TB60_63_64 80432	38.48 -1.77 0.00	37.17 -1.67 0.00	36.49 -1.68 0.00	36.75 -1.37 0.00	37.38 -1.60 0.00	40.91 -1.57 0.00	52.09 -3.62 0.00	60.55 -4.28 0.00	52.02 -3.20 0.00	39.69 -2.85 0.00	37.32 -2.01 0.00	34.54 -1.82 0.00	33.88 -2.24 0.00	34.21 -2.11 0.00	33.03 -2.18 0.00	33.40 -2.17 0.00	36.23 -2.23 0.00	41.91 -3.55 0.00	49.74 -3.92 0.00	60.90 -4.58 0.00	58.75 -2.96 0.00	50.72 -2.39 0.00	42.68 -2.06 0.00	41.64 -1.24 0.00
LOCKPORT___CC1 323769	38.56 -1.69 0.00	37.25 -1.59 0.00	36.49 -1.68 0.00	37.02 -1.11 0.00	37.50 -1.48 0.00	40.91 -1.57 0.00	52.09 -3.62 0.00	60.55 -4.28 0.00	51.96 -3.26 0.00	39.69 -2.85 0.00	37.28 -2.05 0.00	34.51 -1.85 0.00	33.84 -2.27 0.00	34.17 -2.14 0.00	33.00 -2.22 0.00	33.36 -2.21 0.00	36.16 -2.31 0.00	41.91 -3.55 0.00	49.74 -3.91 0.00	62.01 -3.47 0.00	58.69 -3.02 0.00	50.67 -2.44 0.00	42.54 -2.19 0.00	41.77 -1.12 0.00
LOCKPORT___CC2 323770	38.56 -1.69 0.00	37.25 -1.59 0.00	36.49 -1.68 0.00	37.02 -1.11 0.00	37.50 -1.48 0.00	40.91 -1.57 0.00	52.09 -3.62 0.00	60.55 -4.28 0.00	51.96 -3.26 0.00	39.69 -2.85 0.00	37.28 -2.05 0.00	34.51 -1.85 0.00	33.84 -2.27 0.00	34.17 -2.14 0.00	33.00 -2.22 0.00	33.36 -2.21 0.00	36.16 -2.31 0.00	41.91 -3.55 0.00	49.74 -3.91 0.00	62.01 -3.47 0.00	58.69 -3.02 0.00	50.67 -2.44 0.00	42.54 -2.19 0.00	41.77 -1.12 0.00
LOCKPORT___CC3 323771	38.56 -1.69 0.00	37.25 -1.59 0.00	36.49 -1.68 0.00	37.02 -1.11 0.00	37.50 -1.48 0.00	40.91 -1.57 0.00	52.09 -3.62 0.00	60.55 -4.28 0.00	51.96 -3.26 0.00	39.69 -2.85 0.00	37.28 -2.05 0.00	34.51 -1.85 0.00	33.84 -2.27 0.00	34.17 -2.14 0.00	33.00 -2.22 0.00	33.36 -2.21 0.00	36.16 -2.31 0.00	41.91 -3.55 0.00	49.74 -3.91 0.00	62.01 -3.47 0.00	58.69 -3.02 0.00	50.67 -2.44 0.00	42.54 -2.19 0.00	41.77 -1.12 0.00
LONG_LAKE_PHOENIX 24014	39.65 -0.60 0.00	38.26 -0.58 0.00	37.56 -0.61 0.00	37.55 -0.57 0.00	38.39 -0.58 0.00	41.80 -0.68 0.00	54.43 -1.28 0.00	63.53 -1.30 0.00	54.00 -1.21 0.00	41.61 -0.94 0.00	38.61 -0.71 0.00	35.70 -0.65 0.00	35.47 -0.65 0.00	35.69 -0.62 0.00	34.58 -0.63 0.00	34.96 -0.60 0.00	37.81 -0.65 0.00	44.55 -0.91 0.00	52.69 -0.97 0.00	64.57 -0.92 0.00	60.85 -0.86 0.00	52.37 -0.74 0.00	43.97 -0.76 0.00	42.29 -0.60 0.00
LOVETT___3 23632	41.66 1.41 0.00	39.97 1.13 0.00	39.31 1.15 0.00	39.16 1.03 0.00	40.03 1.05 0.00	43.80 1.32 0.00	58.16 2.45 0.00	67.74 2.92 0.00	57.54 2.32 0.00	44.59 2.04 0.00	41.05 1.73 0.00	37.96 1.60 0.00	37.63 1.52 0.00	37.84 1.53 0.00	36.73 1.51 0.00	37.31 1.74 0.00	40.46 2.00 0.00	48.00 2.55 0.00	56.55 2.90 0.00	69.02 3.54 0.00	64.92 3.21 0.00	55.61 2.50 0.00	46.88 2.15 0.00	44.52 1.63 0.00
LOVETT___4 23642	41.66 1.41 0.00	39.97 1.13 0.00	39.31 1.15 0.00	39.16 1.03 0.00	40.03 1.05 0.00	43.80 1.32 0.00	58.16 2.45 0.00	67.74 2.92 0.00	57.54 2.32 0.00	44.59 2.04 0.00	41.05 1.73 0.00	37.96 1.60 0.00	37.63 1.52 0.00	37.84 1.53 0.00	36.73 1.51 0.00	37.31 1.74 0.00	40.46 2.00 0.00	48.00 2.55 0.00	56.55 2.90 0.00	69.02 3.54 0.00	64.92 3.21 0.00	55.61 2.50 0.00	46.88 2.15 0.00	44.52 1.63 0.00
LOVETT___5 23593	41.66 1.41 0.00	39.97 1.13 0.00	39.31 1.15 0.00	39.16 1.03 0.00	40.03 1.05 0.00	43.80 1.32 0.00	58.16 2.45 0.00	67.74 2.92 0.00	57.54 2.32 0.00	44.59 2.04 0.00	41.05 1.73 0.00	37.96 1.60 0.00	37.63 1.52 0.00	37.84 1.53 0.00	36.73 1.51 0.00	37.31 1.74 0.00	40.46 2.00 0.00	48.00 2.55 0.00	56.55 2.90 0.00	69.02 3.54 0.00	64.92 3.21 0.00	55.61 2.50 0.00	46.88 2.15 0.00	44.52 1.63 0.00
LOWER RAQUET___HYD 24057	39.20 -1.05 0.00	37.95 -0.89 0.00	37.33 -0.84 0.00	37.32 -0.80 0.00	38.20 -0.78 0.00	41.80 -0.68 0.00	55.04 -0.67 0.00	63.66 -1.16 0.00	54.17 -1.05 0.00	41.52 -1.02 0.00	38.34 -0.98 0.00	35.30 -1.06 0.00	35.18 -0.94 0.00	35.29 -1.02 0.00	34.23 -0.99 0.00	34.18 -1.39 0.00	36.88 -1.58 0.00	43.78 -1.68 0.00	51.83 -1.82 0.00	63.46 -2.03 0.00	59.80 -1.91 0.00	51.47 -1.65 0.00	43.53 -1.21 0.00	41.94 -0.94 0.00
LOWER___HUDSON 24059	41.42 1.17 0.00	39.89 1.05 0.00	39.20 1.03 0.00	39.04 0.91 0.00	39.99 1.01 0.00	43.63 1.15 0.00	57.66 1.95 0.00	66.84 2.01 0.00	56.82 1.60 0.00	43.95 1.40 0.00	40.42 1.10 0.00	37.41 1.06 0.00	37.09 0.98 0.00	37.29 0.98 0.00	36.24 1.02 0.00	36.67 1.10 0.00	39.77 1.31 0.00	47.14 1.68 0.00	55.69 2.04 0.00	67.71 2.23 0.00	63.81 2.10 0.00	54.87 1.75 0.00	46.17 1.43 0.00	43.96 1.07 0.00
LOWVILLE_115KV_TB2 356335	40.25 0.00 0.00	38.92 0.08 0.00	38.28 0.11 0.00	38.32 0.19 0.00	39.21 0.23 0.00	42.99 0.51 0.00	56.49 0.78 0.00	65.86 1.04 0.00	55.77 0.55 0.00	42.63 0.09 0.00	39.16 -0.16 0.00	36.00 -0.36 0.00	35.79 -0.33 0.00	35.80 -0.51 0.00	34.72 -0.49 0.00	35.14 -0.43 0.00	38.08 -0.38 0.00	45.09 -0.36 0.00	54.03 0.38 0.00	66.60 1.11 0.00	62.83 1.11 0.00	54.02 0.90 0.00	45.32 0.58 0.00	43.49 0.60 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.82 1.57 0.00	40.32 1.48 0.00	39.58 1.41 0.00	39.46 1.33 0.00	40.42 1.44 0.00	44.14 1.66 0.00	58.22 2.51 0.00	67.74 2.92 0.00	57.54 2.32 0.00	44.59 2.04 0.00	40.89 1.57 0.00	37.92 1.56 0.00	37.53 1.41 0.00	37.73 1.42 0.00	36.62 1.41 0.00	36.99 1.42 0.00	40.12 1.65 0.00	47.37 1.91 0.00	56.12 2.47 0.00	68.56 3.08 0.00	64.49 2.78 0.00	55.45 2.34 0.00	46.66 1.92 0.00	44.60 1.72 0.00

LUTHERNY_35_KV_BK2 355980	41.86 1.61 0.00	40.32 1.48 0.00	39.58 1.41 0.00	39.46 1.33 0.00	40.42 1.44 0.00	44.14 1.66 0.00	58.27 2.56 0.00	67.81 2.98 0.00	57.59 2.37 0.00	44.59 2.04 0.00	40.93 1.61 0.00	37.92 1.56 0.00	37.56 1.44 0.00	37.73 1.42 0.00	36.62 1.41 0.00	37.03 1.46 0.00	40.15 1.69 0.00	47.41 1.95 0.00	56.12 2.47 0.00	68.63 3.14 0.00	64.55 2.84 0.00	55.45 2.34 0.00	46.70 1.97 0.00	44.65 1.76 0.00
LWR___OSWEGATCHIE_HYD 23850	39.33 -0.93 0.00	38.03 -0.82 0.00	37.41 -0.76 0.00	37.44 -0.69 0.00	38.28 -0.70 0.00	41.97 -0.51 0.00	55.21 -0.50 0.00	64.11 -0.71 0.00	54.39 -0.83 0.00	41.65 -0.89 0.00	38.34 -0.98 0.00	35.27 -1.09 0.00	35.11 -1.01 0.00	35.19 -1.13 0.00	34.12 -1.09 0.00	34.32 -1.24 0.00	37.08 -1.38 0.00	44.00 -1.45 0.00	52.42 -1.23 0.00	64.50 -0.98 0.00	60.73 -0.99 0.00	52.27 -0.85 0.00	43.97 -0.76 0.00	42.29 -0.60 0.00
LYONS_FALL_HYD 23570	40.61 0.36 0.00	39.23 0.39 0.00	38.55 0.38 0.00	38.59 0.46 0.00	39.48 0.51 0.00	43.24 0.77 0.00	56.82 1.11 0.00	66.25 1.42 0.00	56.16 0.94 0.00	43.01 0.47 0.00	39.60 0.28 0.00	36.43 0.07 0.00	36.23 0.11 0.00	36.31 0.00 0.00	35.18 -0.04 0.00	35.64 0.07 0.00	38.62 0.15 0.00	45.68 0.23 0.00	54.51 0.86 0.00	67.05 1.57 0.00	63.14 1.42 0.00	54.34 1.22 0.00	45.58 0.85 0.00	43.74 0.86 0.00
MADISON___COUNTY_LFGE 323628	41.34 1.09 0.00	39.89 1.05 0.00	39.16 0.99 0.00	39.19 1.07 0.00	40.03 1.05 0.00	43.80 1.32 0.00	57.44 1.73 0.00	67.03 2.20 0.00	56.93 1.71 0.00	43.65 1.11 0.00	40.30 0.98 0.00	37.16 0.80 0.00	36.91 0.79 0.00	37.15 0.84 0.00	35.95 0.74 0.00	36.49 0.92 0.00	39.54 1.08 0.00	46.64 1.18 0.00	55.42 1.77 0.00	67.91 2.42 0.00	64.06 2.35 0.00	55.08 1.97 0.00	46.26 1.52 0.00	44.34 1.46 0.00
MALONE___115KV_TB1 356076	40.05 -0.20 0.00	38.81 -0.04 0.00	38.21 0.04 0.00	38.20 0.08 0.00	39.13 0.16 0.00	42.82 0.34 0.00	56.43 0.72 0.00	65.41 0.58 0.00	55.88 0.66 0.00	42.63 0.09 0.00	39.40 0.08 0.00	36.25 -0.11 0.00	36.15 0.04 0.00	36.27 -0.04 0.00	35.18 -0.04 0.00	35.21 -0.36 0.00	37.89 -0.58 0.00	45.05 -0.41 0.00	53.22 -0.43 0.00	64.90 -0.59 0.00	61.10 -0.62 0.00	52.74 -0.37 0.00	44.74 0.00 0.00	42.97 0.09 0.00
MAPLEWOD_115KV_TB3 80458	41.46 1.21 0.00	39.93 1.09 0.00	39.24 1.07 0.00	39.08 0.95 0.00	40.03 1.05 0.00	43.46 0.98 0.00	57.33 1.62 0.00	66.58 1.75 0.00	56.60 1.38 0.00	43.61 1.06 0.00	40.11 0.79 0.00	37.19 0.84 0.00	36.95 0.83 0.00	37.11 0.80 0.00	36.06 0.85 0.00	36.49 0.92 0.00	39.46 1.00 0.00	46.91 1.45 0.00	55.42 1.77 0.00	67.58 2.10 0.00	63.50 1.79 0.00	54.66 1.54 0.00	45.94 1.21 0.00	43.83 0.94 0.00
MAPLE_RIDGE_WT_1 323574	39.81 -0.44 0.00	38.46 -0.39 0.00	37.86 -0.31 0.00	37.86 -0.27 0.00	38.74 -0.23 0.00	42.27 -0.21 0.00	55.49 -0.22 0.00	64.50 -0.32 0.00	55.00 -0.22 0.00	42.29 -0.25 0.00	39.01 -0.32 0.00	36.03 -0.33 0.00	35.72 -0.40 0.00	35.84 -0.47 0.00	34.72 -0.49 0.00	34.96 -0.60 0.00	37.77 -0.69 0.00	44.73 -0.73 0.00	52.90 -0.75 0.00	64.63 -0.85 0.00	60.98 -0.74 0.00	52.53 -0.58 0.00	44.33 -0.40 0.00	42.50 -0.39 0.00
MAPLE_RIDGE_WT_2 323611	39.81 -0.44 0.00	38.46 -0.39 0.00	37.86 -0.31 0.00	37.86 -0.27 0.00	38.74 -0.23 0.00	42.27 -0.21 0.00	55.49 -0.22 0.00	64.50 -0.32 0.00	55.00 -0.22 0.00	42.29 -0.25 0.00	39.01 -0.32 0.00	36.03 -0.33 0.00	35.72 -0.40 0.00	35.84 -0.47 0.00	34.72 -0.49 0.00	34.96 -0.60 0.00	37.77 -0.69 0.00	44.73 -0.73 0.00	52.90 -0.75 0.00	64.63 -0.85 0.00	60.98 -0.74 0.00	52.53 -0.58 0.00	44.33 -0.40 0.00	42.50 -0.39 0.00
MARBLE_RIVER_WT_PWR 323696	39.61 -0.65 0.00	38.46 -0.39 0.00	37.94 -0.23 0.00	37.97 -0.15 0.00	38.94 -0.04 0.00	42.65 0.17 0.00	56.27 0.56 0.00	64.57 -0.26 0.00	55.83 0.61 0.00	42.50 -0.04 0.00	39.20 -0.12 0.00	36.11 -0.25 0.00	36.01 -0.11 0.00	36.13 -0.18 0.00	35.04 -0.18 0.00	35.04 -0.53 0.00	37.65 -0.81 0.00	44.68 -0.77 0.00	52.79 -0.86 0.00	63.52 -1.96 0.00	60.36 -1.36 0.00	52.32 -0.80 0.00	44.51 -0.22 0.00	42.76 -0.13 0.00
MARSHVLE_115KV_TB1 80742	42.63 2.37 0.00	41.10 2.25 0.00	40.27 2.10 0.00	40.22 2.10 0.00	41.20 2.22 0.00	45.20 2.72 0.00	59.28 3.57 0.00	68.78 3.95 0.00	58.04 2.82 0.00	44.12 1.57 0.00	40.27 0.94 0.00	37.38 1.02 0.00	37.13 1.01 0.00	37.36 1.05 0.00	36.20 0.99 0.00	36.71 1.14 0.00	39.77 1.31 0.00	47.64 2.18 0.00	56.98 3.33 0.00	70.07 4.58 0.00	65.91 4.20 0.00	57.05 3.93 0.00	47.78 3.04 0.00	45.72 2.83 0.00
MARSH_HILL_WT_PWR 323713	40.53 0.28 0.00	39.15 0.31 0.00	38.40 0.23 0.00	38.70 0.57 0.00	39.41 0.43 0.00	43.16 0.68 0.00	55.77 0.06 0.00	64.83 0.00 0.00	54.78 -0.44 0.00	41.69 -0.85 0.00	38.65 -0.67 0.00	35.41 -0.95 0.00	34.75 -1.37 0.00	35.08 -1.23 0.00	33.84 -1.37 0.00	34.18 -1.39 0.00	37.12 -1.35 0.00	43.64 -1.82 0.00	52.31 -1.34 0.00	65.10 -0.39 0.00	61.35 -0.37 0.00	53.06 -0.05 0.00	44.42 -0.31 0.00	43.27 0.39 0.00
MCINTYRE_115KV_TB2 80467	40.45 0.20 0.00	39.15 0.31 0.00	38.55 0.38 0.00	38.55 0.42 0.00	39.41 0.43 0.00	43.20 0.72 0.00	56.88 1.17 0.00	65.93 1.10 0.00	55.99 0.77 0.00	42.67 0.13 0.00	39.36 0.04 0.00	36.18 -0.18 0.00	36.05 -0.07 0.00	36.17 -0.15 0.00	35.11 -0.11 0.00	35.00 -0.57 0.00	37.81 -0.65 0.00	44.96 -0.50 0.00	53.38 -0.27 0.00	65.55 0.07 0.00	61.78 0.06 0.00	53.17 0.05 0.00	44.91 0.18 0.00	43.36 0.47 0.00
MECO_____69_KV_BK1 80468	43.31 3.06 0.00	41.76 2.91 0.00	40.92 2.75 0.00	40.83 2.71 0.00	41.86 2.88 0.00	45.92 3.44 0.00	60.45 4.74 0.00	70.40 5.58 0.00	59.36 4.14 0.00	45.14 2.60 0.00	41.17 1.85 0.00	38.18 1.82 0.00	37.89 1.77 0.00	38.09 1.78 0.00	36.94 1.73 0.00	37.38 1.81 0.00	40.58 2.12 0.00	48.55 3.09 0.00	58.00 4.35 0.00	71.44 5.96 0.00	67.21 5.49 0.00	57.95 4.83 0.00	48.49 3.76 0.00	46.45 3.56 0.00
MENANDS___115KV_TB5 355628	41.22 0.97 0.00	39.70 0.85 0.00	39.01 0.84 0.00	38.89 0.76 0.00	39.80 0.82 0.00	43.16 0.68 0.00	56.94 1.23 0.00	66.06 1.23 0.00	56.21 0.99 0.00	43.40 0.85 0.00	39.91 0.59 0.00	37.01 0.65 0.00	36.77 0.65 0.00	36.93 0.62 0.00	35.88 0.67 0.00	36.31 0.75 0.00	39.27 0.81 0.00	46.64 1.18 0.00	55.10 1.45 0.00	67.06 1.57 0.00	63.01 1.30 0.00	54.23 1.12 0.00	45.59 0.85 0.00	43.49 0.60 0.00
MG INDUSTRY___DRP 24185	41.30 1.05 0.00	39.82 0.97 0.00	39.12 0.95 0.00	39.00 0.88 0.00	39.91 0.94 0.00	43.33 0.85 0.00	56.94 1.23 0.00	66.12 1.30 0.00	56.10 0.88 0.00	43.18 0.64 0.00	39.75 0.43 0.00	36.83 0.47 0.00	36.59 0.47 0.00	36.78 0.47 0.00	35.74 0.53 0.00	36.14 0.57 0.00	39.15 0.69 0.00	46.46 1.00 0.00	54.99 1.34 0.00	66.99 1.51 0.00	63.07 1.36 0.00	54.28 1.17 0.00	45.67 0.94 0.00	43.70 0.81 0.00

MID___OSWEGATCHIE_HYD 23849	39.33 -0.93 0.00	38.03 -0.82 0.00	37.41 -0.76 0.00	37.44 -0.69 0.00	38.28 -0.70 0.00	41.97 -0.51 0.00	55.21 -0.50 0.00	64.11 -0.71 0.00	54.39 -0.83 0.00	41.65 -0.89 0.00	38.34 -0.98 0.00	35.27 -1.09 0.00	35.11 -1.01 0.00	35.19 -1.13 0.00	34.12 -1.09 0.00	34.32 -1.24 0.00	37.08 -1.38 0.00	44.00 -1.45 0.00	52.42 -1.23 0.00	64.50 -0.98 0.00	60.73 -0.99 0.00	52.27 -0.85 0.00	43.97 -0.76 0.00	42.29 -0.60 0.00
MID___RAQUETTE_HYD 23851	39.20 -1.05 0.00	37.95 -0.89 0.00	37.33 -0.84 0.00	37.33 -0.80 0.00	38.20 -0.78 0.00	41.80 -0.68 0.00	55.04 -0.67 0.00	63.66 -1.17 0.00	54.12 -1.10 0.00	41.52 -1.02 0.00	38.34 -0.98 0.00	35.30 -1.05 0.00	35.18 -0.94 0.00	35.29 -1.02 0.00	34.23 -0.99 0.00	34.18 -1.39 0.00	36.89 -1.58 0.00	43.77 -1.68 0.00	51.83 -1.82 0.00	63.52 -1.96 0.00	59.80 -1.91 0.00	51.47 -1.65 0.00	43.48 -1.25 0.00	41.94 -0.94 0.00
MILLIKEN___1 23584	41.14 0.89 0.00	39.74 0.89 0.00	38.97 0.80 0.00	39.00 0.88 0.00	39.83 0.86 0.00	43.54 1.06 0.00	56.88 1.17 0.00	66.45 1.62 0.00	56.38 1.16 0.00	43.23 0.68 0.00	39.99 0.67 0.00	36.90 0.55 0.00	36.59 0.47 0.00	36.86 0.54 0.00	35.67 0.46 0.00	36.14 0.57 0.00	39.19 0.73 0.00	46.23 0.77 0.00	54.89 1.23 0.00	67.32 1.83 0.00	63.57 1.85 0.00	54.66 1.54 0.00	45.85 1.12 0.00	44.04 1.16 0.00
MILLIKEN___2 23585	41.14 0.89 0.00	39.74 0.89 0.00	38.97 0.80 0.00	39.00 0.88 0.00	39.83 0.86 0.00	43.54 1.06 0.00	56.88 1.17 0.00	66.45 1.62 0.00	56.38 1.16 0.00	43.23 0.68 0.00	39.99 0.67 0.00	36.90 0.55 0.00	36.59 0.47 0.00	36.86 0.54 0.00	35.67 0.46 0.00	36.14 0.57 0.00	39.19 0.73 0.00	46.23 0.77 0.00	54.89 1.23 0.00	67.32 1.83 0.00	63.57 1.85 0.00	54.66 1.54 0.00	45.85 1.12 0.00	44.04 1.16 0.00
MILLIKEN___DIESEL 23629	41.14 0.89 0.00	39.74 0.89 0.00	38.97 0.80 0.00	39.00 0.88 0.00	39.83 0.86 0.00	43.54 1.06 0.00	56.88 1.17 0.00	66.45 1.62 0.00	56.38 1.16 0.00	43.23 0.68 0.00	39.99 0.67 0.00	36.90 0.55 0.00	36.59 0.47 0.00	36.86 0.54 0.00	35.67 0.46 0.00	36.14 0.57 0.00	39.19 0.73 0.00	46.23 0.77 0.00	54.89 1.23 0.00	67.32 1.83 0.00	63.57 1.85 0.00	54.66 1.54 0.00	45.85 1.12 0.00	44.04 1.16 0.00
MILLSEAT___LFGE 323607	39.45 -0.80 0.00	38.10 -0.74 0.00	37.29 -0.88 0.00	37.82 -0.31 0.00	38.35 -0.63 0.00	41.93 -0.55 0.00	53.65 -2.06 0.00	62.62 -2.20 0.00	53.56 -1.66 0.00	40.80 -1.75 0.00	38.34 -0.98 0.00	35.38 -0.98 0.00	34.78 -1.34 0.00	35.08 -1.23 0.00	33.91 -1.30 0.00	34.29 -1.28 0.00	37.19 -1.27 0.00	43.18 -2.27 0.00	51.29 -2.36 0.00	64.18 -1.31 0.00	60.73 -0.99 0.00	52.37 -0.74 0.00	43.88 -0.85 0.00	42.84 -0.04 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.82 1.57 0.00	40.13 1.28 0.00	39.47 1.30 0.00	39.31 1.18 0.00	40.15 1.17 0.00	43.92 1.44 0.00	58.38 2.67 0.00	68.00 3.18 0.00	57.76 2.54 0.00	44.76 2.21 0.00	41.21 1.89 0.00	38.10 1.75 0.00	37.78 1.66 0.00	37.98 1.67 0.00	36.87 1.66 0.00	37.45 1.89 0.00	40.65 2.19 0.00	48.18 2.73 0.00	56.82 3.17 0.00	69.28 3.80 0.00	65.17 3.46 0.00	55.82 2.71 0.00	47.06 2.33 0.00	44.69 1.80 0.00
MILLWOOD_13_KV_LOAD 356217	41.90 1.65 0.00	40.20 1.36 0.00	39.54 1.37 0.00	39.38 1.26 0.00	40.26 1.29 0.00	44.05 1.57 0.00	58.50 2.79 0.00	68.20 3.37 0.00	57.87 2.65 0.00	44.88 2.34 0.00	41.29 1.97 0.00	38.18 1.82 0.00	37.89 1.77 0.00	38.09 1.78 0.00	36.97 1.76 0.00	37.56 1.99 0.00	40.77 2.31 0.00	48.32 2.86 0.00	56.92 3.27 0.00	69.48 3.99 0.00	65.29 3.58 0.00	55.98 2.87 0.00	47.15 2.42 0.00	44.77 1.89 0.00
MODEL_CITY_ENERGY 24167	38.16 -2.09 0.00	36.86 -1.98 0.00	36.11 -2.06 0.00	36.64 -1.49 0.00	37.11 -1.87 0.00	40.48 -2.00 0.00	51.53 -4.18 0.00	59.77 -5.06 0.00	51.35 -3.87 0.00	39.23 -3.32 0.00	36.88 -2.44 0.00	34.18 -2.18 0.00	33.52 -2.60 0.00	33.84 -2.47 0.00	32.68 -2.54 0.00	33.08 -2.49 0.00	35.85 -2.62 0.00	41.50 -3.96 0.00	49.20 -4.45 0.00	61.36 -4.12 0.00	58.07 -3.64 0.00	50.14 -2.97 0.00	42.10 -2.64 0.00	41.34 -1.54 0.00
MODERN_LFGE___ 323580	38.16 -2.09 0.00	36.86 -1.98 0.00	36.11 -2.06 0.00	36.64 -1.49 0.00	37.11 -1.87 0.00	40.48 -2.00 0.00	51.53 -4.18 0.00	59.77 -5.06 0.00	51.35 -3.87 0.00	39.23 -3.32 0.00	36.88 -2.44 0.00	34.18 -2.18 0.00	33.52 -2.60 0.00	33.84 -2.47 0.00	32.68 -2.54 0.00	33.08 -2.49 0.00	35.85 -2.62 0.00	41.50 -3.96 0.00	49.20 -4.45 0.00	61.36 -4.12 0.00	58.07 -3.64 0.00	50.14 -2.97 0.00	42.10 -2.64 0.00	41.34 -1.54 0.00
MOHAWK_PAPER___DRP 24187	41.46 1.21 0.00	39.93 1.09 0.00	39.24 1.07 0.00	39.08 0.95 0.00	40.03 1.05 0.00	43.46 0.98 0.00	57.33 1.62 0.00	66.58 1.75 0.00	56.60 1.38 0.00	43.61 1.06 0.00	40.11 0.79 0.00	37.19 0.84 0.00	36.95 0.83 0.00	37.11 0.80 0.00	36.06 0.85 0.00	36.49 0.92 0.00	39.46 1.00 0.00	46.91 1.45 0.00	55.42 1.77 0.00	67.58 2.10 0.00	63.50 1.79 0.00	54.66 1.54 0.00	45.94 1.21 0.00	43.83 0.94 0.00
MOHICAN___35_KV_115KV_LD 80490	41.70 1.45 0.00	40.16 1.32 0.00	39.43 1.26 0.00	39.31 1.18 0.00	40.26 1.29 0.00	44.05 1.57 0.00	58.22 2.51 0.00	67.87 3.05 0.00	57.65 2.43 0.00	45.10 2.55 0.00	41.25 1.93 0.00	38.29 1.93 0.00	37.78 1.66 0.00	37.98 1.67 0.00	36.83 1.62 0.00	37.17 1.60 0.00	40.35 1.88 0.00	47.14 1.68 0.00	55.91 2.25 0.00	68.56 3.08 0.00	64.43 2.72 0.00	55.29 2.18 0.00	46.61 1.88 0.00	44.60 1.72 0.00
MONGAUP___HYD 23641	41.66 1.41 0.00	40.05 1.21 0.00	39.35 1.18 0.00	39.23 1.11 0.00	40.15 1.17 0.00	43.92 1.45 0.00	57.83 2.12 0.00	66.25 1.42 0.00	56.16 0.94 0.00	44.16 1.62 0.00	40.54 1.22 0.00	37.52 1.16 0.00	37.24 1.12 0.00	37.47 1.16 0.00	36.37 1.16 0.00	36.88 1.32 0.00	40.12 1.65 0.00	47.73 2.27 0.00	56.23 2.58 0.00	68.69 3.21 0.00	64.12 2.40 0.00	55.40 2.28 0.00	46.88 2.15 0.00	44.69 1.80 0.00
MONTAUK___DIESEL 23721	43.07 2.82 0.00	40.98 2.14 0.00	40.19 2.02 0.00	40.03 1.91 0.00	41.32 2.34 0.00	45.67 3.19 0.00	60.84 5.13 0.00	70.92 6.09 0.00	59.36 4.14 0.00	45.86 3.32 0.00	41.76 2.44 0.00	38.07 1.71 0.00	37.49 1.37 0.00	37.44 1.13 0.00	36.13 0.92 0.00	37.06 1.49 0.00	40.35 1.88 0.00	48.05 2.59 0.00	57.78 4.13 0.00	70.79 5.30 0.00	66.28 4.57 0.00	55.12 2.23 0.23	47.11 2.37 0.00	44.65 1.76 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.57 0.32 0.00	39.19 0.35 0.00	38.51 0.34 0.00	38.70 0.57 0.00	39.21 0.23 0.00	42.99 0.51 0.00	55.26 -0.45 0.00	64.24 -0.58 0.00	55.11 -0.11 0.00	41.78 -0.77 0.00	38.89 -0.43 0.00	35.89 -0.47 0.00	35.07 -1.05 0.00	35.29 -1.02 0.00	33.84 -1.37 0.00	34.25 -1.32 0.00	37.15 -1.31 0.00	43.18 -2.27 0.00	51.61 -2.04 0.00	63.98 -1.51 0.00	61.72 0.00 0.00	53.33 0.21 0.00	45.05 0.31 0.00	43.92 1.03 0.00

MORRIS_RIDGE___SOLAR 323848	39.69 -0.56 0.00	38.34 -0.51 0.00	37.60 -0.57 0.00	37.94 -0.19 0.00	38.59 -0.39 0.00	42.14 -0.34 0.00	54.32 -1.39 0.00	63.08 -1.75 0.00	53.45 -1.77 0.00	40.76 -1.79 0.00	37.87 -1.45 0.00	34.76 -1.60 0.00	34.10 -2.02 0.00	34.42 -1.89 0.00	33.24 -1.97 0.00	33.61 -1.96 0.00	36.46 -2.00 0.00	42.77 -2.68 0.00	51.24 -2.41 0.00	63.85 -1.63 0.00	60.30 -1.42 0.00	52.10 -1.01 0.00	43.71 -1.03 0.00	42.63 -0.26 0.00
MORTIMER_115KV_TB3 55949	39.41 -0.85 0.00	38.07 -0.78 0.00	37.33 -0.84 0.00	37.48 -0.65 0.00	38.24 -0.74 0.00	41.80 -0.68 0.00	53.87 -1.84 0.00	62.88 -1.94 0.00	53.62 -1.60 0.00	41.06 -1.49 0.00	38.46 -0.87 0.00	35.56 -0.80 0.00	35.11 -1.01 0.00	35.37 -0.94 0.00	34.19 -1.02 0.00	34.57 -1.00 0.00	37.46 -1.00 0.00	43.73 -1.73 0.00	51.77 -1.88 0.00	63.46 -2.03 0.00	60.67 -1.05 0.00	52.32 -0.80 0.00	43.89 -0.85 0.00	42.50 -0.39 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.14 1.89 0.00	40.40 1.55 0.00	39.70 1.53 0.00	39.54 1.41 0.00	40.38 1.40 0.00	44.22 1.74 0.00	58.89 3.18 0.00	68.72 3.89 0.00	58.31 3.09 0.00	45.23 2.68 0.00	41.64 2.32 0.00	38.50 2.15 0.00	38.18 2.06 0.00	38.38 2.07 0.00	37.26 2.04 0.00	37.84 2.28 0.00	41.08 2.62 0.00	48.68 3.23 0.00	57.35 3.70 0.00	69.94 4.45 0.00	65.79 4.07 0.00	56.41 3.29 0.00	47.51 2.77 0.00	45.07 2.19 0.00
MUNSVILLE_WIND_PWR 323609	43.55 3.30 0.00	42.11 3.26 0.00	41.26 3.09 0.00	41.48 3.36 0.00	42.37 3.39 0.00	46.52 4.04 0.00	61.06 5.35 0.00	71.50 6.68 0.00	60.47 5.25 0.00	45.82 3.28 0.00	41.96 2.63 0.00	38.47 2.11 0.00	38.18 2.06 0.00	38.34 2.03 0.00	36.97 1.76 0.00	37.74 2.17 0.00	41.04 2.58 0.00	48.46 3.00 0.00	58.00 4.34 0.00	71.91 6.42 0.00	67.64 5.93 0.00	58.16 5.05 0.00	48.67 3.94 0.00	46.83 3.94 0.00
N SALMON___HYD 24042	40.05 -0.20 0.00	38.81 -0.04 0.00	38.21 0.04 0.00	38.20 0.08 0.00	39.13 0.16 0.00	42.82 0.34 0.00	56.43 0.72 0.00	65.41 0.58 0.00	55.88 0.67 0.00	42.63 0.09 0.00	39.40 0.08 0.00	36.25 -0.11 0.00	36.15 0.04 0.00	36.28 -0.04 0.00	35.18 -0.04 0.00	35.21 -0.36 0.00	37.89 -0.58 0.00	45.05 -0.41 0.00	53.22 -0.43 0.00	64.90 -0.59 0.00	61.10 -0.62 0.00	52.75 -0.37 0.00	44.74 0.00 0.00	42.97 0.09 0.00
N.AKRON__115KV_KNAPP 355671	39.28 -0.97 0.00	37.95 -0.89 0.00	37.21 -0.95 0.00	37.48 -0.65 0.00	38.12 -0.86 0.00	41.80 -0.68 0.00	53.48 -2.23 0.00	62.36 -2.46 0.00	53.40 -1.82 0.00	40.67 -1.87 0.00	38.22 -1.10 0.00	35.30 -1.05 0.00	34.67 -1.44 0.00	35.00 -1.31 0.00	33.81 -1.41 0.00	34.18 -1.39 0.00	37.08 -1.38 0.00	43.00 -2.45 0.00	51.08 -2.58 0.00	62.80 -2.68 0.00	60.48 -1.23 0.00	52.16 -0.96 0.00	43.75 -0.98 0.00	42.59 -0.30 0.00
N.BELMOR_69_KV_BK1 55787	42.50 2.25 0.00	40.51 1.67 0.00	39.81 1.64 0.00	39.61 1.49 0.00	40.61 1.64 0.00	44.56 2.08 0.00	59.16 3.45 0.00	69.17 4.34 0.00	58.48 3.26 0.00	45.48 2.94 0.00	41.76 2.44 0.00	38.47 2.11 0.00	38.03 1.91 0.00	38.13 1.82 0.00	37.01 1.80 0.00	37.88 2.31 0.00	41.27 2.81 0.00	48.87 3.41 0.00	57.62 3.97 0.00	70.33 4.85 0.00	66.04 4.32 0.00	55.96 2.97 0.13	47.78 3.04 0.00	45.29 2.40 0.00
N.E_GEN_SANDY PD 24062	41.46 1.21 0.00	39.85 1.01 0.00	39.20 1.03 0.00	39.04 0.91 0.00	39.99 1.01 0.00	43.63 1.15 0.00	57.83 2.12 0.00	66.90 2.07 0.00	56.87 1.66 0.00	43.99 1.45 0.00	40.50 1.18 0.00	37.52 1.16 0.00	37.20 1.08 0.00	37.40 1.09 0.00	36.31 1.09 0.00	36.81 1.24 0.00	40.00 1.54 0.00	47.50 2.05 0.00	56.01 2.36 0.00	67.91 2.42 0.00	64.00 2.28 0.00	54.97 1.86 0.00	46.30 1.56 0.00	44.00 1.11 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.66 1.41 0.00	40.01 1.17 0.00	39.35 1.18 0.00	39.19 1.07 0.00	40.07 1.09 0.00	43.84 1.36 0.00	58.22 2.51 0.00	67.87 3.05 0.00	57.59 2.37 0.00	44.63 2.08 0.00	41.09 1.77 0.00	37.99 1.64 0.00	37.71 1.59 0.00	37.87 1.56 0.00	36.80 1.58 0.00	37.35 1.78 0.00	40.50 2.04 0.00	48.00 2.55 0.00	56.60 2.95 0.00	69.09 3.60 0.00	64.99 3.27 0.00	55.66 2.55 0.00	46.93 2.19 0.00	44.56 1.67 0.00
N.QUEENS_27_KV_LOAD 356247	42.19 1.93 -0.01	40.44 1.59 -0.01	39.78 1.60 -0.01	39.62 1.49 -0.01	40.47 1.48 -0.01	44.27 1.78 -0.01	58.93 3.23 0.01	68.84 4.02 0.01	58.52 3.31 0.01	45.43 2.89 0.01	41.83 2.52 0.01	38.68 2.33 0.01	38.35 2.24 0.01	38.55 2.25 0.01	37.46 2.25 0.01	38.01 2.45 0.01	41.26 2.81 0.01	48.86 3.41 0.01	57.56 3.92 0.01	70.19 4.71 0.01	66.03 4.32 0.01	56.56 3.45 0.01	47.61 2.86 -0.01	45.12 2.23 -0.01
N.TROY___115KV_TB1 355778	41.46 1.21 0.00	39.89 1.05 0.00	39.20 1.03 0.00	39.08 0.95 0.00	40.03 1.05 0.00	43.63 1.15 0.00	57.66 1.95 0.00	66.84 2.01 0.00	56.82 1.60 0.00	43.95 1.40 0.00	40.38 1.06 0.00	37.41 1.05 0.00	37.09 0.98 0.00	37.29 0.98 0.00	36.20 0.99 0.00	36.67 1.10 0.00	39.73 1.27 0.00	47.14 1.68 0.00	55.69 2.04 0.00	67.84 2.36 0.00	63.81 2.10 0.00	54.81 1.70 0.00	46.12 1.39 0.00	44.00 1.12 0.00
NARROWS_GT1_1 24228	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NARROWS_GT1_2 24229	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NARROWS_GT1_3 24230	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NARROWS_GT1_4 24231	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44

NARROWS_GT1_5 24232	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NARROWS_GT1_6 24233	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NARROWS_GT1_7 24234	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NARROWS_GT1_8 24235	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NARROWS_GT2_1 24236	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NARROWS_GT2_2 24237	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NARROWS_GT2_3 24238	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NARROWS_GT2_4 24239	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NARROWS_GT2_5 24240	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NARROWS_GT2_6 24241	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NARROWS_GT2_7 24242	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NARROWS_GT2_8 24243	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.74 1.49 0.00	40.20 1.36 0.00	39.50 1.34 0.00	39.38 1.26 0.00	40.30 1.33 0.00	43.84 1.36 0.00	57.83 2.12 0.00	66.97 2.14 0.00	56.71 1.49 0.00	43.48 0.94 0.00	39.91 0.59 0.00	36.94 0.58 0.00	36.73 0.61 0.00	36.89 0.58 0.00	35.88 0.67 0.00	36.31 0.75 0.00	39.39 0.92 0.00	46.91 1.45 0.00	55.69 2.04 0.00	68.17 2.68 0.00	64.06 2.35 0.00	55.03 1.91 0.00	46.26 1.52 0.00	44.26 1.37 0.00
NCHELSEA_115KV_TR2 355582	42.06 1.81 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.54 1.41 0.00	40.42 1.44 0.00	44.26 1.78 0.00	58.77 3.06 0.00	68.33 3.50 0.00	57.98 2.76 0.00	44.84 2.30 0.00	41.25 1.93 0.00	38.14 1.78 0.00	37.85 1.73 0.00	38.05 1.74 0.00	37.01 1.80 0.00	37.52 1.96 0.00	40.73 2.27 0.00	48.41 2.95 0.00	57.14 3.49 0.00	69.81 4.32 0.00	65.60 3.89 0.00	56.20 3.08 0.00	47.33 2.59 0.00	45.03 2.14 0.00
NEG CAPITAL___MECHNVIL 23645	41.90 1.65 0.00	40.40 1.56 0.00	39.66 1.49 0.00	39.50 1.37 0.00	40.46 1.48 0.00	44.22 1.74 0.00	58.38 2.67 0.00	67.87 3.05 0.00	57.65 2.43 0.00	44.63 2.08 0.00	40.97 1.65 0.00	37.96 1.60 0.00	37.60 1.48 0.00	37.80 1.49 0.00	36.69 1.48 0.00	37.06 1.49 0.00	40.23 1.77 0.00	47.55 2.09 0.00	56.28 2.63 0.00	68.69 3.21 0.00	64.68 2.96 0.00	55.61 2.50 0.00	46.79 2.06 0.00	44.69 1.80 0.00

NEG CENTRAL_HIGH_ACRES 23767	39.04 -1.21 0.00	37.72 -1.13 0.00	36.95 -1.22 0.00	37.21 -0.92 0.00	37.89 -1.09 0.00	41.37 -1.10 0.00	53.48 -2.23 0.00	62.69 -2.14 0.00	53.34 -1.88 0.00	40.93 -1.62 0.00	38.22 -1.10 0.00	35.34 -1.02 0.00	34.93 -1.19 0.00	35.19 -1.13 0.00	34.05 -1.16 0.00	34.43 -1.14 0.00	37.31 -1.15 0.00	43.64 -1.82 0.00	51.67 -1.98 0.00	63.91 -1.57 0.00	60.30 -1.42 0.00	51.90 -1.22 0.00	43.48 -1.25 0.00	42.07 -0.82 0.00
NEG CENTRAL___DRP 24199	40.41 0.16 0.00	39.04 0.19 0.00	38.28 0.11 0.00	38.36 0.23 0.00	39.17 0.19 0.00	42.86 0.38 0.00	55.71 0.00 0.00	65.09 0.26 0.00	55.22 0.00 0.00	42.46 -0.09 0.00	39.40 0.08 0.00	36.36 0.00 0.00	35.97 -0.14 0.00	36.27 -0.04 0.00	35.07 -0.14 0.00	35.50 -0.07 0.00	38.50 0.04 0.00	45.32 -0.14 0.00	53.76 0.11 0.00	65.81 0.33 0.00	62.27 0.56 0.00	53.65 0.53 0.00	45.00 0.27 0.00	43.32 0.43 0.00
NEG CENTRAL___INDECK 23768	40.89 0.64 0.00	39.50 0.66 0.00	38.66 0.49 0.00	39.00 0.88 0.00	39.68 0.70 0.00	43.50 1.02 0.00	56.21 0.50 0.00	65.61 0.78 0.00	55.33 0.11 0.00	42.04 -0.51 0.00	39.09 -0.23 0.00	35.92 -0.43 0.00	35.29 -0.83 0.00	35.62 -0.69 0.00	34.44 -0.77 0.00	33.72 -1.85 0.00	36.66 -1.81 0.00	43.14 -2.32 0.00	51.61 -2.04 0.00	64.77 -0.72 0.00	61.22 -0.50 0.00	54.49 1.38 0.00	45.54 0.81 0.00	44.13 1.24 0.00
NEG CENTRAL___SENECA 23627	40.57 0.32 0.00	39.23 0.39 0.00	38.44 0.27 0.00	38.55 0.42 0.00	39.37 0.39 0.00	43.12 0.64 0.00	55.88 0.17 0.00	65.34 0.52 0.00	55.39 0.17 0.00	42.54 0.00 0.00	39.52 0.20 0.00	36.43 0.07 0.00	36.01 -0.11 0.00	36.31 0.00 0.00	35.07 -0.14 0.00	35.50 -0.07 0.00	38.54 0.08 0.00	45.37 -0.09 0.00	53.87 0.21 0.00	65.94 0.46 0.00	62.46 0.74 0.00	53.96 0.85 0.00	45.23 0.49 0.00	43.57 0.69 0.00
NEG CENTRAL___STATE_STREET 24147	40.37 0.12 0.00	39.00 0.16 0.00	38.25 0.08 0.00	38.24 0.11 0.00	39.09 0.12 0.00	42.69 0.21 0.00	55.71 0.00 0.00	65.15 0.32 0.00	55.33 0.11 0.00	42.50 -0.04 0.00	39.44 0.12 0.00	36.47 0.11 0.00	36.12 0.00 0.00	36.38 0.07 0.00	35.21 0.00 0.00	35.64 0.07 0.00	38.62 0.15 0.00	45.46 0.00 0.00	53.87 0.21 0.00	66.01 0.52 0.00	62.33 0.62 0.00	53.59 0.48 0.00	45.00 0.27 0.00	43.23 0.34 0.00
NEG MILLWOOD___DRP 24198	42.18 1.93 0.00	40.51 1.67 0.00	39.81 1.64 0.00	39.69 1.56 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.94 3.23 0.00	68.52 3.70 0.00	58.20 2.98 0.00	45.10 2.55 0.00	41.44 2.12 0.00	38.32 1.96 0.00	38.10 1.99 0.00	38.31 2.00 0.00	37.22 2.01 0.00	37.77 2.21 0.00	41.00 2.54 0.00	48.64 3.18 0.00	57.35 3.70 0.00	70.00 4.52 0.00	65.79 4.07 0.00	56.41 3.29 0.00	47.46 2.73 0.00	45.12 2.23 0.00
NEG NORTH_FLCN_SEA 23793	39.93 -0.32 0.00	38.73 -0.12 0.00	38.17 0.00 0.00	38.20 0.08 0.00	39.13 0.16 0.00	42.86 0.38 0.00	56.49 0.78 0.00	64.70 -0.13 0.00	56.05 0.83 0.00	42.67 0.13 0.00	39.40 0.08 0.00	36.29 -0.07 0.00	36.15 0.04 0.00	36.31 0.00 0.00	35.21 0.00 0.00	35.25 -0.32 0.00	37.89 -0.58 0.00	45.00 -0.45 0.00	53.17 -0.48 0.00	63.85 -1.64 0.00	60.42 -1.30 0.00	52.64 -0.48 0.00	45.09 0.36 0.00	43.32 0.43 0.00
NEG NORTH_KES_CHATEGAY 23792	39.89 -0.36 0.00	38.61 -0.23 0.00	38.05 -0.11 0.00	38.05 -0.08 0.00	38.98 0.00 0.00	42.61 0.13 0.00	56.10 0.39 0.00	64.83 0.00 0.00	55.55 0.33 0.00	42.42 -0.13 0.00	39.16 -0.16 0.00	36.10 -0.25 0.00	35.94 -0.18 0.00	36.09 -0.22 0.00	35.00 -0.21 0.00	35.07 -0.50 0.00	37.77 -0.69 0.00	44.82 -0.64 0.00	52.95 -0.70 0.00	64.37 -1.11 0.00	60.54 -1.17 0.00	52.37 -0.74 0.00	44.56 -0.18 0.00	42.80 -0.09 0.00
NEG NORTH___ALICE_FALLS 23915	40.21 -0.04 0.00	39.00 0.16 0.00	38.44 0.27 0.00	38.43 0.31 0.00	39.41 0.43 0.00	43.16 0.68 0.00	56.94 1.23 0.00	65.47 0.65 0.00	56.43 1.21 0.00	42.93 0.38 0.00	39.64 0.31 0.00	36.50 0.15 0.00	36.41 0.29 0.00	36.53 0.22 0.00	35.43 0.21 0.00	35.46 -0.11 0.00	38.15 -0.31 0.00	45.32 -0.14 0.00	53.54 -0.11 0.00	64.70 -0.79 0.00	61.16 -0.56 0.00	53.06 -0.05 0.00	45.27 0.54 0.00	43.44 0.56 0.00
NEG NORTH___LWR_SARANAC 23913	40.21 -0.04 0.00	39.00 0.16 0.00	38.44 0.27 0.00	38.43 0.31 0.00	39.41 0.43 0.00	43.16 0.68 0.00	56.94 1.23 0.00	65.47 0.65 0.00	56.43 1.21 0.00	42.93 0.38 0.00	39.64 0.31 0.00	36.50 0.15 0.00	36.41 0.29 0.00	36.53 0.22 0.00	35.43 0.21 0.00	35.46 -0.11 0.00	38.15 -0.31 0.00	45.32 -0.14 0.00	53.54 -0.11 0.00	64.70 -0.79 0.00	61.16 -0.56 0.00	53.06 -0.05 0.00	45.27 0.54 0.00	43.44 0.56 0.00
NEG NORTH___PLATTSBURG 23628	40.21 -0.04 0.00	39.00 0.16 0.00	38.44 0.27 0.00	38.43 0.30 0.00	39.41 0.43 0.00	43.16 0.68 0.00	56.93 1.22 0.00	65.47 0.65 0.00	56.43 1.21 0.00	42.93 0.38 0.00	39.63 0.31 0.00	36.50 0.15 0.00	36.41 0.29 0.00	36.53 0.22 0.00	35.43 0.21 0.00	35.46 -0.11 0.00	38.15 -0.31 0.00	45.32 -0.14 0.00	53.54 -0.11 0.00	64.63 -0.85 0.00	61.16 -0.56 0.00	53.06 -0.05 0.00	45.27 0.54 0.00	43.44 0.56 0.00
NEG WEST_LEA_LOCKPORT 23791	38.48 -1.77 0.00	37.21 -1.63 0.00	36.49 -1.68 0.00	36.75 -1.37 0.00	37.38 -1.60 0.00	40.91 -1.57 0.00	52.09 -3.62 0.00	60.55 -4.28 0.00	51.96 -3.26 0.00	39.69 -2.85 0.00	37.28 -2.04 0.00	34.50 -1.85 0.00	33.84 -2.28 0.00	34.17 -2.14 0.00	33.00 -2.22 0.00	33.36 -2.21 0.00	36.19 -2.27 0.00	41.91 -3.55 0.00	49.74 -3.92 0.00	60.90 -4.58 0.00	58.69 -3.02 0.00	50.67 -2.44 0.00	42.63 -2.10 0.00	41.64 -1.24 0.00
NEG WEST___LANCASTR 23811	39.65 -0.60 0.00	38.30 -0.54 0.00	37.63 -0.53 0.00	37.86 -0.27 0.00	38.51 -0.47 0.00	42.14 -0.34 0.00	54.09 -1.62 0.00	62.62 -2.20 0.00	53.73 -1.49 0.00	40.97 -1.57 0.00	38.34 -0.98 0.00	35.49 -0.87 0.00	34.82 -1.30 0.00	35.15 -1.16 0.00	33.91 -1.30 0.00	34.29 -1.28 0.00	37.19 -1.27 0.00	43.18 -2.27 0.00	51.29 -2.36 0.00	63.00 -2.49 0.00	60.54 -1.17 0.00	52.16 -0.96 0.00	43.84 -0.89 0.00	42.84 -0.04 0.00
NEG_PENN_ALLEGHNY 23528	40.61 0.36 0.00	39.23 0.39 0.00	38.47 0.30 0.00	38.59 0.46 0.00	39.37 0.39 0.00	42.99 0.51 0.00	56.10 0.39 0.00	65.41 0.58 0.00	55.66 0.44 0.00	42.76 0.21 0.00	39.60 0.28 0.00	36.58 0.22 0.00	36.23 0.11 0.00	36.49 0.18 0.00	35.28 0.07 0.00	35.71 0.14 0.00	38.73 0.27 0.00	45.59 0.14 0.00	53.98 0.32 0.00	66.33 0.85 0.00	62.52 0.80 0.00	53.75 0.64 0.00	45.14 0.40 0.00	43.49 0.60 0.00
NEG___GEN_MONROE 24207	39.65 -0.60 0.00	38.26 -0.58 0.00	37.52 -0.65 0.00	37.75 -0.38 0.00	38.51 -0.47 0.00	42.14 -0.34 0.00	54.26 -1.45 0.00	63.27 -1.56 0.00	53.84 -1.38 0.00	41.10 -1.45 0.00	38.46 -0.87 0.00	35.56 -0.80 0.00	35.03 -1.08 0.00	35.33 -0.98 0.00	34.16 -1.06 0.00	34.50 -1.07 0.00	37.27 -1.19 0.00	43.68 -1.77 0.00	51.83 -1.82 0.00	63.72 -1.77 0.00	61.04 -0.68 0.00	52.58 -0.53 0.00	44.15 -0.58 0.00	42.84 -0.04 0.00

NEPA__ENERGY 23901	39.93 -0.32 0.00	38.61 -0.23 0.00	37.90 -0.27 0.00	38.13 0.00 0.00	38.74 -0.23 0.00	42.44 -0.04 0.00	54.54 -1.17 0.00	63.34 -1.49 0.00	54.12 -1.10 0.00	41.27 -1.28 0.00	38.53 -0.79 0.00	35.63 -0.73 0.00	34.96 -1.16 0.00	35.29 -1.02 0.00	33.98 -1.23 0.00	34.39 -1.17 0.00	37.31 -1.15 0.00	43.41 -2.05 0.00	51.61 -2.04 0.00	63.52 -1.96 0.00	60.97 -0.74 0.00	52.58 -0.53 0.00	44.24 -0.49 0.00	43.14 0.26 0.00
NEVERSink__HYD 23608	41.98 1.73 0.00	40.28 1.44 0.00	39.66 1.49 0.00	39.54 1.41 0.00	40.46 1.48 0.00	44.30 1.83 0.00	58.72 3.01 0.00	68.19 3.37 0.00	57.98 2.76 0.00	44.67 2.13 0.00	41.01 1.69 0.00	37.92 1.56 0.00	37.63 1.52 0.00	37.84 1.52 0.00	36.73 1.51 0.00	37.24 1.67 0.00	40.50 2.04 0.00	48.18 2.73 0.00	56.93 3.27 0.00	69.61 4.13 0.00	65.48 3.77 0.00	56.14 3.03 0.00	47.28 2.55 0.00	45.16 2.27 0.00
NEWKRMKL_115KV_TB1 55635	41.06 0.81 0.00	39.54 0.70 0.00	38.86 0.69 0.00	38.74 0.61 0.00	39.64 0.66 0.00	42.95 0.47 0.00	56.55 0.84 0.00	65.73 0.91 0.00	55.83 0.61 0.00	43.10 0.55 0.00	39.68 0.35 0.00	36.83 0.47 0.00	36.59 0.47 0.00	36.78 0.47 0.00	35.74 0.53 0.00	36.14 0.57 0.00	39.08 0.62 0.00	46.32 0.86 0.00	54.73 1.07 0.00	66.66 1.18 0.00	62.70 0.99 0.00	53.91 0.80 0.00	45.36 0.63 0.00	43.27 0.39 0.00
NEWTON__FALLS_HYD 23847	39.33 -0.93 0.00	38.03 -0.82 0.00	37.41 -0.76 0.00	37.44 -0.69 0.00	38.28 -0.70 0.00	41.97 -0.51 0.00	55.21 -0.50 0.00	64.11 -0.71 0.00	54.39 -0.83 0.00	41.65 -0.89 0.00	38.34 -0.98 0.00	35.27 -1.09 0.00	35.11 -1.01 0.00	35.19 -1.13 0.00	34.12 -1.09 0.00	34.32 -1.24 0.00	37.08 -1.38 0.00	44.00 -1.45 0.00	52.42 -1.23 0.00	64.50 -0.98 0.00	60.73 -0.99 0.00	52.27 -0.85 0.00	43.97 -0.76 0.00	42.29 -0.60 0.00
NGRID_A1_DSASP 323792	38.08 -2.17 0.00	36.78 -2.06 0.00	36.03 -2.14 0.00	36.56 -1.56 0.00	37.03 -1.95 0.00	40.40 -2.08 0.00	51.31 -4.40 0.00	59.51 -5.31 0.00	51.13 -4.09 0.00	39.10 -3.44 0.00	36.77 -2.56 0.00	34.07 -2.29 0.00	33.45 -2.67 0.00	33.77 -2.54 0.00	32.61 -2.61 0.00	33.01 -2.56 0.00	35.77 -2.69 0.00	41.37 -4.09 0.00	49.04 -4.61 0.00	61.03 -4.46 0.00	57.76 -3.95 0.00	49.93 -3.19 0.00	41.96 -2.77 0.00	41.26 -1.63 0.00
NGRID_A2_DSASP 323793	38.08 -2.17 0.00	36.78 -2.06 0.00	36.03 -2.14 0.00	36.56 -1.56 0.00	37.03 -1.95 0.00	40.40 -2.08 0.00	51.31 -4.40 0.00	59.51 -5.31 0.00	51.13 -4.09 0.00	39.10 -3.44 0.00	36.77 -2.56 0.00	34.07 -2.29 0.00	33.45 -2.67 0.00	33.77 -2.54 0.00	32.61 -2.61 0.00	33.01 -2.56 0.00	35.77 -2.69 0.00	41.37 -4.09 0.00	49.04 -4.61 0.00	61.03 -4.46 0.00	57.76 -3.95 0.00	49.93 -3.19 0.00	41.96 -2.77 0.00	41.26 -1.63 0.00
NGRID_A4_DSASP 323807	38.08 -2.17 0.00	36.78 -2.06 0.00	36.03 -2.14 0.00	36.56 -1.56 0.00	37.03 -1.95 0.00	40.40 -2.08 0.00	51.31 -4.40 0.00	59.51 -5.31 0.00	51.13 -4.09 0.00	39.10 -3.44 0.00	36.77 -2.56 0.00	34.07 -2.29 0.00	33.45 -2.67 0.00	33.77 -2.54 0.00	32.61 -2.61 0.00	33.01 -2.56 0.00	35.77 -2.69 0.00	41.37 -4.09 0.00	49.04 -4.61 0.00	61.03 -4.46 0.00	57.76 -3.95 0.00	49.93 -3.19 0.00	41.96 -2.77 0.00	41.26 -1.63 0.00
NIAGARA_115E_LBMP 323715	37.96 -2.29 0.00	36.63 -2.21 0.00	35.92 -2.25 0.00	36.45 -1.68 0.00	36.91 -2.07 0.00	40.27 -2.21 0.00	51.20 -4.51 0.00	59.38 -5.45 0.00	51.02 -4.20 0.00	38.97 -3.57 0.00	36.65 -2.68 0.00	33.96 -2.40 0.00	33.34 -2.78 0.00	33.62 -2.69 0.00	32.50 -2.71 0.00	32.86 -2.70 0.00	35.62 -2.85 0.00	41.23 -4.23 0.00	48.88 -4.78 0.00	60.90 -4.59 0.00	57.64 -4.08 0.00	49.82 -3.29 0.00	41.83 -2.91 0.00	41.13 -1.76 0.00
NIAGARA_115W_LBMP 323714	37.96 -2.29 0.00	36.63 -2.21 0.00	35.92 -2.25 0.00	36.45 -1.68 0.00	36.91 -2.07 0.00	40.23 -2.25 0.00	51.14 -4.57 0.00	59.32 -5.51 0.00	50.97 -4.25 0.00	38.97 -3.57 0.00	36.65 -2.68 0.00	33.96 -2.40 0.00	33.37 -2.75 0.00	33.66 -2.65 0.00	32.50 -2.71 0.00	32.90 -2.67 0.00	35.66 -2.81 0.00	41.23 -4.23 0.00	48.88 -4.78 0.00	60.84 -4.65 0.00	57.58 -4.13 0.00	49.77 -3.34 0.00	41.78 -2.95 0.00	41.09 -1.80 0.00
NIAGARA_230_LBMP 323716	38.36 -1.89 0.00	37.02 -1.83 0.00	36.26 -1.91 0.00	36.79 -1.34 0.00	37.26 -1.71 0.00	40.65 -1.83 0.00	51.70 -4.01 0.00	59.96 -4.86 0.00	51.46 -3.76 0.00	39.40 -3.15 0.00	37.04 -2.28 0.00	34.29 -2.07 0.00	33.70 -2.42 0.00	33.99 -2.32 0.00	32.85 -2.36 0.00	33.22 -2.35 0.00	36.00 -2.46 0.00	41.68 -3.77 0.00	49.41 -4.24 0.00	61.49 -4.00 0.00	58.20 -3.52 0.00	50.25 -2.87 0.00	42.23 -2.50 0.00	41.51 -1.37 0.00
NIAGARA__115KV_198_GIBSON 55903	37.88 -2.37 0.00	36.59 -2.25 0.00	35.92 -2.25 0.00	36.18 -1.94 0.00	36.79 -2.18 0.00	40.23 -2.25 0.00	51.14 -4.57 0.00	59.32 -5.51 0.00	50.97 -4.25 0.00	38.97 -3.57 0.00	36.65 -2.67 0.00	34.00 -2.36 0.00	33.37 -2.74 0.00	33.66 -2.65 0.00	32.50 -2.71 0.00	32.90 -2.67 0.00	35.65 -2.81 0.00	41.23 -4.23 0.00	48.88 -4.78 0.00	59.66 -5.83 0.00	57.58 -4.13 0.00	49.77 -3.35 0.00	41.87 -2.86 0.00	40.96 -1.93 0.00
NIAGARA____ 23760	38.36 -1.89 0.00	37.02 -1.83 0.00	36.26 -1.91 0.00	36.79 -1.34 0.00	37.26 -1.71 0.00	40.65 -1.83 0.00	51.70 -4.01 0.00	59.96 -4.86 0.00	51.46 -3.76 0.00	39.40 -3.15 0.00	37.04 -2.28 0.00	34.29 -2.07 0.00	33.70 -2.42 0.00	33.99 -2.32 0.00	32.85 -2.36 0.00	33.22 -2.35 0.00	36.00 -2.46 0.00	41.68 -3.77 0.00	49.41 -4.24 0.00	61.49 -4.00 0.00	58.20 -3.52 0.00	50.25 -2.87 0.00	42.23 -2.50 0.00	41.51 -1.37 0.00
NINE_MILE_1 23575	39.25 -1.00 0.00	37.87 -0.97 0.00	37.22 -0.95 0.00	37.21 -0.92 0.00	38.00 -0.97 0.00	41.33 -1.14 0.00	53.87 -1.84 0.00	62.82 -2.01 0.00	53.45 -1.77 0.00	41.18 -1.36 0.00	38.22 -1.10 0.00	35.34 -1.02 0.00	35.11 -1.01 0.00	35.33 -0.98 0.00	34.23 -0.99 0.00	34.61 -0.96 0.00	37.35 -1.12 0.00	44.00 -1.46 0.00	51.99 -1.66 0.00	63.65 -1.83 0.00	59.99 -1.73 0.00	51.63 -1.49 0.00	43.44 -1.30 0.00	41.82 -1.07 0.00
NINE_MILE_2 23744	39.25 -1.00 0.00	37.87 -0.97 0.00	37.22 -0.95 0.00	37.21 -0.92 0.00	38.00 -0.97 0.00	41.33 -1.14 0.00	53.87 -1.84 0.00	62.82 -2.01 0.00	53.45 -1.77 0.00	41.18 -1.36 0.00	38.22 -1.10 0.00	35.34 -1.02 0.00	35.11 -1.01 0.00	35.33 -0.98 0.00	34.23 -0.99 0.00	34.61 -0.96 0.00	37.35 -1.12 0.00	44.00 -1.46 0.00	51.99 -1.66 0.00	63.65 -1.83 0.00	59.99 -1.73 0.00	51.63 -1.49 0.00	43.44 -1.30 0.00	41.82 -1.07 0.00
NM_CAPITAL__DRP 24208	41.14 0.89 0.00	39.62 0.78 0.00	38.93 0.76 0.00	38.81 0.69 0.00	39.72 0.74 0.00	43.07 0.59 0.00	56.77 1.06 0.00	65.86 1.04 0.00	56.10 0.88 0.00	43.27 0.72 0.00	39.83 0.51 0.00	36.94 0.58 0.00	36.70 0.58 0.00	36.89 0.58 0.00	35.81 0.60 0.00	36.24 0.68 0.00	39.19 0.73 0.00	46.50 1.05 0.00	54.94 1.29 0.00	66.86 1.38 0.00	62.89 1.17 0.00	54.07 0.96 0.00	45.50 0.76 0.00	43.40 0.51 0.00

NM_CENTRAL___DRP 24181	40.09 -0.16 0.00	38.69 -0.16 0.00	37.98 -0.19 0.00	37.97 -0.15 0.00	38.82 -0.16 0.00	42.31 -0.17 0.00	55.21 -0.50 0.00	64.44 -0.39 0.00	54.83 -0.39 0.00	42.20 -0.34 0.00	39.16 -0.16 0.00	36.25 -0.11 0.00	35.94 -0.18 0.00	36.20 -0.11 0.00	35.04 -0.18 0.00	35.46 -0.11 0.00	38.35 -0.12 0.00	45.14 -0.32 0.00	53.38 -0.27 0.00	65.29 -0.20 0.00	61.59 -0.12 0.00	53.01 -0.11 0.00	44.51 -0.22 0.00	42.80 -0.09 0.00
NM_FRONTIER___DRP 24179	37.88 -2.37 0.00	36.59 -2.25 0.00	35.92 -2.25 0.00	36.18 -1.94 0.00	36.79 -2.18 0.00	40.23 -2.25 0.00	51.14 -4.57 0.00	59.32 -5.51 0.00	50.97 -4.25 0.00	38.97 -3.57 0.00	36.65 -2.67 0.00	34.00 -2.36 0.00	33.37 -2.74 0.00	33.66 -2.65 0.00	32.50 -2.71 0.00	32.90 -2.67 0.00	35.65 -2.81 0.00	41.23 -4.23 0.00	48.88 -4.78 0.00	59.66 -5.83 0.00	57.58 -4.13 0.00	49.77 -3.35 0.00	41.87 -2.86 0.00	40.96 -1.93 0.00
NM_ST_REGIS___HYD 24053	39.41 -0.85 0.00	38.14 -0.70 0.00	37.60 -0.57 0.00	37.55 -0.57 0.00	38.43 -0.55 0.00	42.05 -0.42 0.00	55.43 -0.28 0.00	64.18 -0.65 0.00	54.61 -0.61 0.00	41.86 -0.68 0.00	38.61 -0.71 0.00	35.56 -0.80 0.00	35.43 -0.69 0.00	35.55 -0.76 0.00	34.51 -0.70 0.00	34.47 -1.10 0.00	37.15 -1.31 0.00	44.09 -1.36 0.00	52.20 -1.45 0.00	63.85 -1.64 0.00	60.11 -1.60 0.00	51.84 -1.27 0.00	43.84 -0.89 0.00	42.24 -0.64 0.00
NORTHPORT___1 23551	42.50 2.25 0.00	40.40 1.56 0.00	39.81 1.64 0.00	39.61 1.49 0.00	40.69 1.71 0.00	44.64 2.17 0.00	59.33 3.62 0.00	69.17 4.34 0.00	58.37 3.15 0.00	45.27 2.73 0.00	41.33 2.00 0.00	38.25 1.89 0.00	37.78 1.66 0.00	37.86 1.56 0.01	36.54 1.34 0.01	37.35 1.78 0.00	40.81 2.35 0.00	48.41 2.95 0.00	56.87 3.22 0.00	69.02 3.53 0.00	65.29 3.58 0.00	55.01 2.13 0.23	47.33 2.59 0.00	44.77 1.88 0.00
NORTHPORT___2 23552	42.50 2.25 0.00	40.40 1.56 0.00	39.81 1.64 0.00	39.61 1.49 0.00	40.69 1.71 0.00	44.64 2.17 0.00	59.33 3.62 0.00	69.17 4.34 0.00	58.37 3.15 0.00	45.27 2.73 0.00	41.33 2.00 0.00	38.25 1.89 0.00	37.78 1.66 0.00	37.86 1.56 0.01	36.54 1.34 0.01	37.35 1.78 0.00	40.81 2.35 0.00	48.41 2.95 0.00	56.87 3.22 0.00	69.02 3.53 0.00	65.29 3.58 0.00	55.01 2.13 0.23	47.33 2.59 0.00	44.77 1.88 0.00
NORTHPORT___3 23553	42.14 1.89 0.00	40.12 1.28 0.00	39.50 1.34 0.00	39.27 1.14 0.00	40.34 1.36 0.00	44.22 1.74 0.00	58.10 2.39 0.00	67.87 3.05 0.00	57.43 2.21 0.00	45.05 2.51 0.00	41.17 1.85 0.00	38.07 1.71 0.00	37.67 1.55 0.00	37.76 1.45 0.01	36.58 1.37 0.01	37.31 1.74 0.00	40.77 2.31 0.00	48.23 2.77 0.00	56.44 2.79 0.00	68.50 3.01 0.00	64.62 2.90 0.00	54.69 1.81 0.23	47.28 2.55 0.00	44.73 1.84 0.00
NORTHPORT___4 23650	42.14 1.89 0.00	40.12 1.28 0.00	39.50 1.34 0.00	39.27 1.14 0.00	40.34 1.36 0.00	44.22 1.74 0.00	58.10 2.39 0.00	67.87 3.05 0.00	57.43 2.21 0.00	45.05 2.51 0.00	41.17 1.85 0.00	38.07 1.71 0.00	37.67 1.55 0.00	37.76 1.45 0.01	36.58 1.37 0.01	37.31 1.74 0.00	40.77 2.31 0.00	48.23 2.77 0.00	56.44 2.79 0.00	68.50 3.01 0.00	64.62 2.90 0.00	54.69 1.81 0.23	47.28 2.55 0.00	44.73 1.84 0.00
NORTHPORT___IC 23718	42.50 2.25 0.00	40.40 1.55 0.00	39.73 1.56 0.00	39.58 1.45 0.00	40.61 1.64 0.00	44.65 2.17 0.00	59.33 3.62 0.00	69.17 4.34 0.00	58.37 3.15 0.00	45.40 2.85 0.00	41.68 2.36 0.00	38.36 2.00 0.00	37.78 1.66 0.00	37.87 1.56 0.00	36.66 1.44 0.00	37.67 2.10 0.00	40.96 2.50 0.00	48.46 3.00 0.00	57.03 3.38 0.00	69.61 4.13 0.00	65.29 3.58 0.00	55.01 2.12 0.23	47.37 2.64 0.00	44.86 1.97 0.00
NORTH___COUNTRY_ESR 323785	39.77 -0.48 0.00	38.53 -0.31 0.00	37.94 -0.23 0.00	37.94 -0.19 0.00	38.86 -0.12 0.00	42.48 0.00 0.00	55.93 0.22 0.00	64.63 -0.19 0.00	55.44 0.22 0.00	42.38 -0.17 0.00	39.13 -0.20 0.00	36.07 -0.29 0.00	35.90 -0.22 0.00	36.06 -0.25 0.00	34.97 -0.24 0.00	35.04 -0.53 0.00	37.73 -0.73 0.00	44.73 -0.73 0.00	52.79 -0.86 0.00	64.11 -1.38 0.00	60.36 -1.36 0.00	52.21 -0.90 0.00	44.42 -0.31 0.00	42.67 -0.21 0.00
NPX_GEN_1385_PROXY 323591	41.98 1.73 0.00	39.89 1.05 0.00	39.47 1.30 0.00	39.35 1.22 0.00	40.34 1.36 0.00	44.26 1.78 0.00	59.28 3.57 0.00	68.19 3.37 0.00	57.65 2.43 0.00	44.67 2.13 0.00	40.70 1.38 0.00	37.92 1.56 0.00	37.17 1.05 0.00	37.25 0.94 0.01	35.95 0.74 0.01	36.78 1.21 0.00	40.15 1.69 0.00	48.00 2.54 0.00	56.33 2.68 0.00	68.11 2.62 0.00	64.49 2.78 0.00	54.43 1.54 0.23	46.53 1.79 0.00	43.79 0.90 0.00
NPX_GEN_CSC 323557	42.50 2.25 0.00	40.17 1.32 0.00	39.58 1.41 0.00	39.50 1.37 0.00	40.61 1.64 0.00	44.69 2.21 0.00	59.39 3.68 0.00	69.17 4.34 0.00	57.92 2.71 0.00	44.84 2.30 0.00	40.73 1.41 0.00	37.67 1.31 0.00	37.20 1.08 0.00	37.25 0.94 0.01	36.02 0.81 0.01	36.85 1.28 0.00	40.31 1.85 0.00	48.00 2.54 0.00	57.03 3.38 0.00	69.35 3.86 0.00	65.85 4.14 0.00	54.85 1.97 0.23	47.02 2.28 0.00	44.39 1.50 0.00
NSINS_S___GLNS_FALLS 23858	41.66 1.41 0.00	40.13 1.28 0.00	39.39 1.22 0.00	39.27 1.14 0.00	40.22 1.25 0.00	44.01 1.53 0.00	58.11 2.40 0.00	67.81 2.98 0.00	57.59 2.37 0.00	45.14 2.60 0.00	41.33 2.01 0.00	38.32 1.96 0.00	37.85 1.73 0.00	38.02 1.71 0.00	36.87 1.66 0.00	37.20 1.64 0.00	40.39 1.92 0.00	47.09 1.64 0.00	55.85 2.20 0.00	68.43 2.95 0.00	64.31 2.59 0.00	55.24 2.12 0.00	46.57 1.83 0.00	44.56 1.67 0.00
NUCOR_STEEL___DRP 24197	40.53 0.28 0.00	39.15 0.31 0.00	38.40 0.23 0.00	38.43 0.31 0.00	39.25 0.27 0.00	42.86 0.38 0.00	55.88 0.17 0.00	65.22 0.39 0.00	55.44 0.22 0.00	42.59 0.04 0.00	39.52 0.20 0.00	36.50 0.15 0.00	36.19 0.07 0.00	36.46 0.15 0.00	35.28 0.07 0.00	35.71 0.14 0.00	38.69 0.23 0.00	45.55 0.09 0.00	53.97 0.32 0.00	66.14 0.65 0.00	62.46 0.74 0.00	53.70 0.58 0.00	45.09 0.36 0.00	43.36 0.47 0.00
NUMBER_THREE_WT_PWR 323818	40.21 -0.04 0.00	38.84 0.00 0.00	38.21 0.04 0.00	38.28 0.15 0.00	39.17 0.20 0.00	42.95 0.47 0.00	56.43 0.72 0.00	65.73 0.91 0.00	55.66 0.44 0.00	42.54 0.00 0.00	39.13 -0.20 0.00	35.96 -0.40 0.00	35.72 -0.40 0.00	35.73 -0.58 0.00	34.61 -0.60 0.00	35.07 -0.50 0.00	37.96 -0.50 0.00	45.00 -0.45 0.00	53.92 0.27 0.00	66.53 1.04 0.00	62.70 0.98 0.00	53.96 0.85 0.00	45.27 0.54 0.00	43.40 0.52 0.00
NYISO_LBMP_REFERENCE 24008	40.25 0.00 0.00	38.84 0.00 0.00	38.17 0.00 0.00	38.13 0.00 0.00	38.98 0.00 0.00	42.48 0.00 0.00	55.71 0.00 0.00	64.83 0.00 0.00	55.22 0.00 0.00	42.54 0.00 0.00	39.32 0.00 0.00	36.36 0.00 0.00	36.12 0.00 0.00	36.31 0.00 0.00	35.21 0.00 0.00	35.57 0.00 0.00	38.46 0.00 0.00	45.46 0.00 0.00	53.65 0.00 0.00	65.49 0.00 0.00	61.72 0.00 0.00	53.12 0.00 0.00	44.74 0.00 0.00	42.89 0.00 0.00

NYPA_BRENTWD____GT 24164	42.87 2.61 0.00	40.71 1.86 0.00	40.08 1.91 0.00	39.88 1.75 0.00	40.96 1.99 0.00	45.03 2.55 0.00	59.89 4.18 0.00	69.95 5.12 0.00	58.92 3.70 0.00	45.61 3.06 0.00	41.60 2.28 0.00	38.43 2.07 0.00	37.99 1.88 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.63 2.06 0.00	41.15 2.69 0.00	48.91 3.45 0.00	57.68 4.03 0.00	70.14 4.65 0.00	66.28 4.57 0.00	55.81 2.92 0.22	47.87 3.13 0.00	45.24 2.36 0.00
NYPA_GOWANUS____GT5 24156	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NYPA_GOWANUS____GT6 24157	54.96 2.41 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.28 2.03 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.76 -2.72	69.57 3.15 -23.87	67.22 2.68 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.34 2.32 -33.80	72.66 2.60 -34.50	73.35 3.00 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.38 5.11 -27.78	98.38 4.87 -31.79	66.81 3.93 -9.77	60.57 3.26 -12.57	57.08 2.75 -11.44
NYPA_HARLEM_RVR_GT1 24160	42.11 1.85 -0.01	40.41 1.56 -0.01	39.74 1.57 -0.01	39.58 1.45 -0.01	40.50 1.52 -0.01	44.23 1.74 -0.01	58.88 3.17 0.01	68.77 3.95 0.01	58.41 3.20 0.01	45.30 2.76 0.01	41.71 2.40 0.01	38.61 2.26 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.28 2.08 0.01	37.87 2.31 0.01	41.15 2.69 0.01	48.76 3.32 0.01	57.45 3.81 0.01	69.80 4.32 0.01	65.91 4.20 0.01	56.46 3.35 0.01	47.56 2.82 -0.01	45.08 2.19 -0.01
NYPA_HARLEM_RVR_GT2 24161	42.11 1.85 -0.01	40.41 1.56 -0.01	39.74 1.57 -0.01	39.58 1.45 -0.01	40.50 1.52 -0.01	44.23 1.74 -0.01	58.88 3.17 0.01	68.77 3.95 0.01	58.41 3.20 0.01	45.30 2.76 0.01	41.71 2.40 0.01	38.61 2.26 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.28 2.08 0.01	37.87 2.31 0.01	41.15 2.69 0.01	48.76 3.32 0.01	57.45 3.81 0.01	69.80 4.32 0.01	65.91 4.20 0.01	56.46 3.35 0.01	47.56 2.82 -0.01	45.08 2.19 -0.01
NYPA_KENT____GT 24152	49.82 2.29 -7.28	48.42 1.94 -7.63	48.56 1.95 -8.44	48.07 1.79 -8.15	48.47 1.87 -7.62	50.71 2.17 -6.06	59.45 3.73 -0.01	69.30 4.47 -0.01	60.62 3.64 -1.76	64.81 3.06 -19.20	61.59 2.63 -19.64	68.14 2.47 -29.31	51.11 2.35 -12.65	68.09 2.36 -29.42	64.29 2.29 -26.79	65.92 2.53 -27.83	67.27 2.92 -25.88	65.71 3.64 -16.62	83.90 4.19 -26.06	88.25 4.85 -17.91	86.59 4.69 -20.18	63.19 3.77 -6.30	56.02 3.18 -8.11	52.28 2.62 -6.77
NYPA_POUCH1____GT 24155	54.88 2.33 -12.30	54.17 2.02 -13.30	54.87 1.98 -14.72	54.20 1.87 -14.21	54.21 1.95 -13.28	54.93 2.21 -10.24	59.45 3.73 -0.01	69.18 4.34 -0.01	61.42 3.48 -2.72	69.35 2.93 -23.87	67.02 2.48 -25.22	74.33 2.33 -35.65	57.94 2.20 -19.62	74.30 2.25 -35.74	71.16 2.15 -33.80	72.45 2.38 -34.50	73.15 2.81 -31.88	69.34 3.50 -20.39	98.15 4.08 -40.42	98.05 4.78 -27.78	98.07 4.57 -31.79	66.54 3.66 -9.77	60.35 3.04 -12.57	56.95 2.62 -11.44
NYPA_VERNON____GT2 24162	44.64 2.13 -2.26	42.59 1.79 -1.96	42.13 1.79 -2.17	41.86 1.64 -2.09	42.65 1.71 -1.96	46.40 2.04 -1.88	59.29 3.57 -0.01	69.18 4.34 -0.01	59.50 3.48 -0.80	60.05 2.98 -14.53	55.93 2.55 -14.05	61.73 2.40 -22.97	44.11 2.31 -5.68	61.74 2.33 -23.11	57.22 2.22 -19.79	59.17 2.45 -21.15	61.20 2.85 -19.89	61.86 3.55 -12.85	69.43 4.08 -11.70	78.18 4.65 -8.05	74.80 4.50 -8.58	59.56 3.61 -2.83	51.47 3.08 -3.65	47.47 2.49 -2.10
NYPA_VERNON____GT3 24163	44.64 2.13 -2.26	42.59 1.79 -1.96	42.13 1.79 -2.17	41.86 1.64 -2.09	42.65 1.71 -1.96	46.40 2.04 -1.88	59.29 3.57 -0.01	69.18 4.34 -0.01	59.50 3.48 -0.80	60.05 2.98 -14.53	55.93 2.55 -14.05	61.73 2.40 -22.97	44.11 2.31 -5.68	61.74 2.33 -23.11	57.22 2.22 -19.79	59.17 2.45 -21.15	61.20 2.85 -19.89	61.86 3.55 -12.85	69.43 4.08 -11.70	78.18 4.65 -8.05	74.80 4.50 -8.58	59.56 3.61 -2.83	51.47 3.08 -3.65	47.47 2.49 -2.10
NYPA____ASTORIA_CC1 323568	42.84 2.13 -0.46	40.64 1.79 -0.01	39.97 1.79 -0.01	39.77 1.64 -0.01	40.70 1.71 -0.01	44.86 2.00 -0.38	59.23 3.51 -0.01	69.11 4.28 -0.01	59.10 3.48 -0.40	56.63 2.98 -11.11	52.31 2.55 -10.43	56.63 2.40 -17.87	41.22 2.28 -2.83	56.63 2.33 -17.99	52.37 2.22 -14.94	54.23 2.45 -16.21	56.63 2.85 -15.32	58.89 3.50 -9.93	63.49 4.03 -5.82	74.14 4.65 -4.00	70.10 4.45 -3.94	58.14 3.61 -1.41	49.59 3.04 -1.81	45.76 2.44 -0.43
NYPA____ASTORIA_CC2 323569	42.84 2.13 -0.46	40.64 1.79 -0.01	39.97 1.79 -0.01	39.77 1.64 -0.01	40.70 1.71 -0.01	44.86 2.00 -0.38	59.23 3.51 -0.01	69.11 4.28 -0.01	59.10 3.48 -0.40	56.63 2.98 -11.11	52.31 2.55 -10.43	56.63 2.40 -17.87	41.22 2.28 -2.83	56.63 2.33 -17.99	52.37 2.22 -14.94	54.23 2.45 -16.21	56.63 2.85 -15.32	58.89 3.50 -9.93	63.49 4.03 -5.82	74.14 4.65 -4.00	70.10 4.45 -3.94	58.14 3.61 -1.41	49.59 3.04 -1.81	45.76 2.44 -0.43
NYPA____HOLTSVILL 23794	42.58 2.33 0.00	40.36 1.51 0.00	39.77 1.60 0.00	39.57 1.45 0.00	40.69 1.71 0.00	44.73 2.25 0.00	59.44 3.73 0.00	69.36 4.54 0.00	58.31 3.09 0.00	45.18 2.64 0.00	41.13 1.81 0.00	38.03 1.67 0.00	37.56 1.45 0.00	37.65 1.34 0.01	36.37 1.16 0.01	37.24 1.67 0.00	40.69 2.23 0.00	48.41 2.95 0.00	57.25 3.60 0.00	69.61 4.13 0.00	65.85 4.14 0.00	55.28 2.39 0.23	47.37 2.64 0.00	44.77 1.88 0.00
NYPA____HELLGATE_GT1 24158	42.11 1.85 -0.01	40.41 1.56 -0.01	39.74 1.57 -0.01	39.58 1.45 -0.01	40.50 1.52 -0.01	44.23 1.74 -0.01	58.88 3.17 0.01	68.77 3.95 0.01	58.41 3.20 0.01	45.30 2.76 0.01	41.71 2.40 0.01	38.61 2.26 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.28 2.08 0.01	37.87 2.31 0.01	41.15 2.69 0.01	48.76 3.32 0.01	57.45 3.81 0.01	69.80 4.32 0.01	65.91 4.20 0.01	56.46 3.35 0.01	47.56 2.82 -0.01	45.08 2.19 -0.01
NYPA____HELLGATE_GT2 24159	42.11 1.85 -0.01	40.41 1.56 -0.01	39.74 1.57 -0.01	39.58 1.45 -0.01	40.50 1.52 -0.01	44.23 1.74 -0.01	58.88 3.17 0.01	68.77 3.95 0.01	58.41 3.20 0.01	45.30 2.76 0.01	41.71 2.40 0.01	38.61 2.26 0.01	38.28 2.17 0.01	38.48 2.18 0.01	37.28 2.08 0.01	37.87 2.31 0.01	41.15 2.69 0.01	48.76 3.32 0.01	57.45 3.81 0.01	69.80 4.32 0.01	65.91 4.20 0.01	56.46 3.35 0.01	47.56 2.82 -0.01	45.08 2.19 -0.01
NYS_BARGE____HYD 23848	38.56 -1.69 0.00	37.21 -1.63 0.00	36.49 -1.68 0.00	37.02 -1.11 0.00	37.50 -1.48 0.00	40.91 -1.57 0.00	52.09 -3.62 0.00	60.55 -4.28 0.00	52.02 -3.20 0.00	39.69 -2.85 0.00	37.32 -2.00 0.00	34.54 -1.82 0.00	33.88 -2.24 0.00	34.20 -2.11 0.00	33.03 -2.18 0.00	33.40 -2.17 0.00	36.19 -2.27 0.00	41.91 -3.55 0.00	49.74 -3.91 0.00	62.08 -3.41 0.00	58.75 -2.96 0.00	50.73 -2.39 0.00	42.59 -2.15 0.00	41.77 -1.12 0.00

OAK ORCHARD___HYD 24046	39.45 -0.80 0.00	38.10 -0.74 0.00	37.33 -0.84 0.00	37.63 -0.50 0.00	38.28 -0.70 0.00	41.80 -0.68 0.00	53.87 -1.84 0.00	62.88 -1.94 0.00	53.62 -1.60 0.00	41.05 -1.49 0.00	38.46 -0.87 0.00	35.56 -0.80 0.00	35.11 -1.01 0.00	35.37 -0.94 0.00	34.19 -1.02 0.00	34.57 -1.00 0.00	37.46 -1.00 0.00	43.73 -1.73 0.00	51.77 -1.88 0.00	64.24 -1.25 0.00	60.67 -1.05 0.00	52.32 -0.80 0.00	43.84 -0.89 0.00	42.59 -0.30 0.00
OAKDALE___35_KV_LOAD 356122	40.49 0.24 0.00	39.12 0.27 0.00	38.36 0.19 0.00	38.43 0.31 0.00	39.21 0.23 0.00	42.82 0.34 0.00	55.93 0.22 0.00	65.15 0.32 0.00	55.39 0.17 0.00	42.59 0.04 0.00	39.44 0.12 0.00	36.43 0.07 0.00	36.12 0.00 0.00	36.35 0.04 0.00	35.18 -0.04 0.00	35.60 0.04 0.00	38.58 0.12 0.00	45.46 0.00 0.00	53.81 0.16 0.00	65.81 0.33 0.00	62.27 0.56 0.00	53.59 0.48 0.00	45.00 0.27 0.00	43.32 0.43 0.00
OCC_CHEM___DRP 24175	38.04 -2.21 0.00	36.75 -2.10 0.00	36.03 -2.14 0.00	36.30 -1.83 0.00	36.91 -2.07 0.00	40.36 -2.12 0.00	51.31 -4.40 0.00	59.51 -5.32 0.00	51.13 -4.09 0.00	39.10 -3.45 0.00	36.77 -2.56 0.00	34.10 -2.25 0.00	33.48 -2.64 0.00	33.77 -2.54 0.00	32.61 -2.61 0.00	33.01 -2.56 0.00	35.77 -2.69 0.00	41.36 -4.09 0.00	49.04 -4.61 0.00	59.85 -5.63 0.00	57.77 -3.95 0.00	49.93 -3.19 0.00	42.01 -2.73 0.00	41.09 -1.80 0.00
OH_GEN_PROXY 24063	38.40 -1.85 0.00	37.06 -1.79 0.00	36.34 -1.83 0.00	36.83 -1.30 0.00	37.34 -1.64 0.00	40.70 -1.78 0.00	51.81 -3.90 0.00	60.16 -4.67 0.00	51.63 -3.59 0.00	39.48 -3.06 0.00	37.12 -2.20 0.00	34.36 -2.00 0.00	33.77 -2.35 0.00	34.06 -2.25 0.00	32.93 -2.29 0.00	33.29 -2.28 0.00	36.08 -2.38 0.00	41.82 -3.64 0.00	49.52 -4.13 0.00	61.62 -3.86 0.00	58.32 -3.39 0.00	50.41 -2.71 0.00	42.32 -2.42 0.00	41.56 -1.33 0.00
OLIN_CORP_DRP 24177	38.00 -2.25 0.00	36.71 -2.14 0.00	35.99 -2.18 0.00	36.26 -1.87 0.00	36.87 -2.10 0.00	40.36 -2.12 0.00	51.31 -4.40 0.00	59.51 -5.32 0.00	51.13 -4.09 0.00	39.10 -3.45 0.00	36.77 -2.56 0.00	34.07 -2.29 0.00	33.41 -2.71 0.00	33.73 -2.58 0.00	32.57 -2.64 0.00	32.97 -2.60 0.00	35.73 -2.73 0.00	41.32 -4.14 0.00	48.98 -4.67 0.00	59.85 -5.63 0.00	57.77 -3.95 0.00	49.93 -3.19 0.00	42.01 -2.73 0.00	41.09 -1.80 0.00
OLIN_CORP_DSASP 323712	38.08 -2.17 0.00	36.78 -2.06 0.00	36.03 -2.14 0.00	36.56 -1.56 0.00	37.03 -1.95 0.00	40.40 -2.08 0.00	51.31 -4.40 0.00	59.51 -5.31 0.00	51.13 -4.09 0.00	39.10 -3.44 0.00	36.77 -2.56 0.00	34.07 -2.29 0.00	33.45 -2.67 0.00	33.77 -2.54 0.00	32.61 -2.61 0.00	33.01 -2.56 0.00	35.77 -2.69 0.00	41.37 -4.09 0.00	49.04 -4.61 0.00	61.03 -4.46 0.00	57.76 -3.95 0.00	49.93 -3.19 0.00	41.96 -2.77 0.00	41.26 -1.63 0.00
ONEIDA_HERK_LFGE 323681	40.86 0.60 0.00	39.43 0.58 0.00	38.74 0.57 0.00	38.77 0.65 0.00	39.64 0.66 0.00	43.37 0.89 0.00	56.99 1.28 0.00	66.45 1.62 0.00	56.43 1.21 0.00	43.27 0.72 0.00	39.83 0.51 0.00	36.69 0.33 0.00	36.48 0.36 0.00	36.60 0.29 0.00	35.46 0.25 0.00	35.92 0.36 0.00	38.93 0.46 0.00	46.05 0.59 0.00	54.78 1.13 0.00	67.32 1.83 0.00	63.38 1.67 0.00	54.55 1.43 0.00	45.76 1.03 0.00	43.87 0.99 0.00
ONEIDA___115KV_TB4 55905	41.34 1.09 0.00	39.89 1.05 0.00	39.16 0.99 0.00	39.19 1.07 0.00	40.03 1.05 0.00	43.80 1.32 0.00	57.44 1.73 0.00	67.03 2.20 0.00	56.93 1.71 0.00	43.65 1.11 0.00	40.30 0.98 0.00	37.16 0.80 0.00	36.91 0.79 0.00	37.15 0.84 0.00	35.95 0.74 0.00	36.49 0.92 0.00	39.54 1.08 0.00	46.64 1.18 0.00	55.42 1.77 0.00	67.91 2.42 0.00	64.06 2.35 0.00	55.08 1.97 0.00	46.26 1.52 0.00	44.34 1.46 0.00
ONONDAGA_REF_OCCRA 23987	40.21 -0.04 0.00	38.84 0.00 0.00	38.09 -0.08 0.00	38.09 -0.04 0.00	38.94 -0.04 0.00	42.44 -0.04 0.00	55.43 -0.28 0.00	64.70 -0.13 0.00	55.05 -0.17 0.00	42.37 -0.17 0.00	39.28 -0.04 0.00	36.32 -0.04 0.00	36.05 -0.07 0.00	36.31 0.00 0.00	35.14 -0.07 0.00	35.53 -0.04 0.00	38.46 0.00 0.00	45.32 -0.14 0.00	53.60 -0.05 0.00	65.62 0.13 0.00	61.90 0.19 0.00	53.22 0.11 0.00	44.74 0.00 0.00	42.97 0.09 0.00
ONONDAGA___COGEN 23986	40.29 0.04 0.00	38.92 0.08 0.00	38.17 0.00 0.00	38.16 0.04 0.00	38.98 0.00 0.00	42.52 0.04 0.00	55.43 -0.28 0.00	64.76 -0.06 0.00	55.05 -0.17 0.00	42.37 -0.17 0.00	39.32 0.00 0.00	36.36 0.00 0.00	36.08 -0.04 0.00	36.35 0.04 0.00	35.18 -0.04 0.00	35.57 0.00 0.00	38.50 0.04 0.00	45.32 -0.14 0.00	53.60 -0.05 0.00	65.62 0.13 0.00	61.90 0.19 0.00	53.27 0.16 0.00	44.74 0.00 0.00	43.02 0.13 0.00
ONTARIO___LFGE 23819	40.57 0.32 0.00	39.23 0.39 0.00	38.44 0.27 0.00	38.62 0.49 0.00	39.41 0.43 0.00	43.12 0.64 0.00	55.88 0.17 0.00	65.34 0.52 0.00	55.39 0.17 0.00	42.54 0.00 0.00	39.52 0.20 0.00	36.43 0.07 0.00	35.97 -0.14 0.00	36.31 0.00 0.00	35.07 -0.14 0.00	35.50 -0.07 0.00	38.54 0.08 0.00	45.37 -0.09 0.00	53.87 0.22 0.00	66.33 0.85 0.00	62.46 0.74 0.00	53.96 0.85 0.00	45.18 0.45 0.00	43.62 0.73 0.00
ORANGEVILLE_WT_PWR 323706	39.25 -1.00 0.00	37.91 -0.93 0.00	37.18 -0.99 0.00	37.56 -0.57 0.00	38.16 -0.82 0.00	41.67 -0.81 0.00	53.48 -2.23 0.00	62.11 -2.72 0.00	52.79 -2.43 0.00	40.25 -2.30 0.00	37.51 -1.81 0.00	34.43 -1.93 0.00	33.77 -2.35 0.00	34.10 -2.22 0.00	32.93 -2.29 0.00	33.26 -2.31 0.00	36.11 -2.35 0.00	42.27 -3.18 0.00	50.60 -3.06 0.00	63.00 -2.49 0.00	59.55 -2.16 0.00	51.47 -1.65 0.00	43.17 -1.57 0.00	42.24 -0.64 0.00
ORANGEVILLE___ESR 323794	39.25 -1.00 0.00	37.91 -0.93 0.00	37.18 -0.99 0.00	37.56 -0.57 0.00	38.16 -0.82 0.00	41.67 -0.81 0.00	53.48 -2.23 0.00	62.11 -2.72 0.00	52.79 -2.43 0.00	40.25 -2.30 0.00	37.51 -1.81 0.00	34.43 -1.93 0.00	33.77 -2.35 0.00	34.10 -2.22 0.00	32.93 -2.29 0.00	33.26 -2.31 0.00	36.11 -2.35 0.00	42.27 -3.18 0.00	50.60 -3.06 0.00	63.00 -2.49 0.00	59.55 -2.16 0.00	51.47 -1.65 0.00	43.17 -1.57 0.00	42.24 -0.64 0.00
OSWEGATCHIE___HYD 24044	39.33 -0.92 0.00	38.03 -0.82 0.00	37.41 -0.76 0.00	37.44 -0.69 0.00	38.31 -0.66 0.00	41.97 -0.51 0.00	55.21 -0.50 0.00	64.11 -0.71 0.00	54.39 -0.83 0.00	41.65 -0.90 0.00	38.34 -0.98 0.00	35.27 -1.09 0.00	35.11 -1.01 0.00	35.19 -1.13 0.00	34.12 -1.09 0.00	34.32 -1.25 0.00	37.08 -1.38 0.00	44.00 -1.46 0.00	52.42 -1.23 0.00	64.51 -0.98 0.00	60.73 -0.99 0.00	52.26 -0.85 0.00	43.97 -0.76 0.00	42.29 -0.60 0.00
OSWEGO___5 23606	39.53 -0.72 0.00	38.15 -0.70 0.00	37.48 -0.69 0.00	37.48 -0.65 0.00	38.28 -0.70 0.00	41.67 -0.81 0.00	54.32 -1.39 0.00	63.34 -1.49 0.00	53.89 -1.33 0.00	41.52 -1.02 0.00	38.49 -0.83 0.00	35.63 -0.73 0.00	35.36 -0.76 0.00	35.59 -0.73 0.00	34.47 -0.74 0.00	34.86 -0.71 0.00	37.65 -0.81 0.00	44.36 -1.09 0.00	52.47 -1.18 0.00	64.24 -1.25 0.00	60.54 -1.17 0.00	52.10 -1.01 0.00	43.79 -0.94 0.00	42.16 -0.73 0.00

OSWEGO___6 23613	39.53 -0.72 0.00	38.15 -0.70 0.00	37.48 -0.69 0.00	37.48 -0.65 0.00	38.28 -0.70 0.00	41.67 -0.81 0.00	54.32 -1.39 0.00	63.34 -1.49 0.00	53.89 -1.33 0.00	41.52 -1.02 0.00	38.49 -0.83 0.00	35.63 -0.73 0.00	35.36 -0.76 0.00	35.59 -0.73 0.00	34.47 -0.74 0.00	34.86 -0.71 0.00	37.65 -0.81 0.00	44.36 -1.09 0.00	52.47 -1.18 0.00	64.24 -1.25 0.00	60.54 -1.17 0.00	52.10 -1.01 0.00	43.79 -0.94 0.00	42.16 -0.73 0.00
OUTOKUMPU-AB___DRP 24206	38.88 -1.37 0.00	37.60 -1.24 0.00	36.87 -1.30 0.00	37.17 -0.95 0.00	37.77 -1.21 0.00	41.33 -1.15 0.00	52.65 -3.06 0.00	61.20 -3.63 0.00	53.07 -2.15 0.00	40.50 -2.04 0.00	38.02 -1.30 0.00	35.23 -1.13 0.00	34.53 -1.59 0.00	34.90 -1.42 0.00	33.66 -1.55 0.00	33.83 -1.74 0.00	36.65 -1.81 0.00	42.41 -3.05 0.00	50.33 -3.33 0.00	61.62 -3.86 0.00	59.43 -2.28 0.00	51.26 -1.86 0.00	43.12 -1.61 0.00	42.07 -0.81 0.00
OXBOW___BTM 323836	38.48 -1.77 0.00	37.14 -1.71 0.00	36.41 -1.76 0.00	36.90 -1.22 0.00	37.42 -1.56 0.00	40.78 -1.70 0.00	51.92 -3.79 0.00	60.22 -4.60 0.00	52.02 -3.20 0.00	39.74 -2.81 0.00	37.36 -1.96 0.00	34.61 -1.74 0.00	33.95 -2.17 0.00	34.28 -2.03 0.00	33.10 -2.11 0.00	33.36 -2.21 0.00	36.16 -2.31 0.00	41.82 -3.64 0.00	49.57 -4.08 0.00	61.88 -3.60 0.00	58.50 -3.21 0.00	50.51 -2.60 0.00	42.46 -2.28 0.00	41.69 -1.20 0.00
OXBOW____ 24026	38.40 -1.85 0.00	37.10 -1.75 0.00	36.41 -1.76 0.00	36.68 -1.45 0.00	37.26 -1.71 0.00	40.78 -1.70 0.00	51.92 -3.79 0.00	60.22 -4.60 0.00	52.02 -3.20 0.00	39.74 -2.81 0.00	37.36 -1.97 0.00	34.61 -1.75 0.00	33.95 -2.17 0.00	34.28 -2.03 0.00	33.10 -2.11 0.00	33.36 -2.21 0.00	36.19 -2.27 0.00	41.82 -3.64 0.00	49.57 -4.08 0.00	60.64 -4.85 0.00	58.51 -3.21 0.00	50.51 -2.60 0.00	42.54 -2.19 0.00	41.51 -1.37 0.00
OXY_CHEM_DSASP 323612	38.04 -2.21 0.00	36.75 -2.10 0.00	36.03 -2.14 0.00	36.30 -1.83 0.00	36.91 -2.07 0.00	40.36 -2.12 0.00	51.31 -4.40 0.00	59.51 -5.32 0.00	51.13 -4.09 0.00	39.10 -3.45 0.00	36.77 -2.56 0.00	34.10 -2.25 0.00	33.48 -2.64 0.00	33.77 -2.54 0.00	32.61 -2.61 0.00	33.01 -2.56 0.00	35.77 -2.69 0.00	41.36 -4.09 0.00	49.04 -4.61 0.00	59.85 -5.63 0.00	57.77 -3.95 0.00	49.93 -3.19 0.00	42.01 -2.73 0.00	41.09 -1.80 0.00
OZONE_PARK_ESR 323760	42.42 2.17 0.00	40.63 1.79 0.00	39.96 1.79 0.00	39.77 1.64 0.00	40.61 1.64 0.00	44.52 2.04 0.00	59.39 3.68 0.00	69.30 4.47 0.00	58.81 3.59 0.00	45.61 3.06 0.00	42.00 2.67 0.00	38.83 2.47 0.00	38.47 2.35 0.00	38.67 2.36 0.00	37.57 2.36 0.00	38.16 2.60 0.00	41.42 2.96 0.00	49.09 3.64 0.00	57.84 4.18 0.00	70.59 5.11 0.00	66.47 4.75 0.00	56.89 3.77 0.00	47.91 3.18 0.00	45.46 2.57 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	38.04 -2.21 0.00	36.75 -2.10 0.00	36.03 -2.14 0.00	36.30 -1.83 0.00	36.91 -2.07 0.00	40.36 -2.12 0.00	51.31 -4.40 0.00	59.51 -5.32 0.00	51.13 -4.09 0.00	39.10 -3.45 0.00	36.77 -2.56 0.00	34.10 -2.25 0.00	33.48 -2.64 0.00	33.77 -2.54 0.00	32.61 -2.61 0.00	33.01 -2.56 0.00	35.77 -2.69 0.00	41.36 -4.09 0.00	49.04 -4.61 0.00	59.85 -5.63 0.00	57.77 -3.95 0.00	49.93 -3.19 0.00	42.01 -2.73 0.00	41.09 -1.80 0.00
PACKARD__115KV_DUPONT_184 80571	38.04 -2.21 0.00	36.75 -2.10 0.00	36.03 -2.14 0.00	36.30 -1.83 0.00	36.91 -2.07 0.00	40.36 -2.12 0.00	51.31 -4.40 0.00	59.51 -5.32 0.00	51.13 -4.09 0.00	39.10 -3.45 0.00	36.77 -2.56 0.00	34.10 -2.25 0.00	33.48 -2.64 0.00	33.77 -2.54 0.00	32.61 -2.61 0.00	33.01 -2.56 0.00	35.77 -2.69 0.00	41.36 -4.09 0.00	49.04 -4.61 0.00	59.85 -5.63 0.00	57.77 -3.95 0.00	49.93 -3.19 0.00	42.01 -2.73 0.00	41.09 -1.80 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	42.19 1.93 -0.01	40.44 1.59 -0.01	39.78 1.60 -0.01	39.62 1.49 -0.01	40.47 1.48 -0.01	44.27 1.78 -0.01	58.93 3.23 0.01	68.77 3.95 0.01	58.41 3.20 0.01	45.30 2.77 0.01	41.71 2.40 0.01	38.57 2.22 0.01	38.24 2.13 0.01	38.45 2.14 0.01	37.32 2.11 0.01	37.91 2.35 0.01	41.15 2.69 0.01	48.72 3.27 0.01	57.40 3.76 0.01	70.06 4.58 0.01	65.90 4.20 0.01	56.45 3.35 0.01	47.56 2.82 -0.01	45.12 2.23 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	42.43 2.17 -0.01	40.72 1.86 -0.01	40.05 1.87 -0.01	39.89 1.75 -0.01	40.74 1.75 -0.01	44.61 2.12 -0.01	59.32 3.62 0.01	69.23 4.41 0.01	58.75 3.53 0.01	45.51 2.98 0.01	41.91 2.60 0.01	38.71 2.36 0.01	38.38 2.28 0.01	38.55 2.25 0.01	37.46 2.25 0.01	38.05 2.49 0.01	41.30 2.85 0.01	48.95 3.50 0.01	57.67 4.02 0.01	70.39 4.91 0.01	66.21 4.51 0.01	56.77 3.66 0.01	47.83 3.09 -0.01	45.43 2.53 -0.01
PATROON__115KV_TB1 80586	41.18 0.93 0.00	39.66 0.82 0.00	38.93 0.76 0.00	38.81 0.69 0.00	39.76 0.78 0.00	43.07 0.59 0.00	56.71 1.00 0.00	65.93 1.10 0.00	56.05 0.83 0.00	43.23 0.68 0.00	39.79 0.47 0.00	36.94 0.58 0.00	36.70 0.58 0.00	36.89 0.58 0.00	35.81 0.60 0.00	36.24 0.68 0.00	39.19 0.73 0.00	46.46 1.00 0.00	54.89 1.23 0.00	66.93 1.44 0.00	62.89 1.17 0.00	54.07 0.96 0.00	45.50 0.76 0.00	43.40 0.51 0.00
PATTRSNVILLE___SOLAR 323815	41.78 1.53 0.00	40.28 1.44 0.00	39.54 1.37 0.00	39.42 1.30 0.00	40.38 1.40 0.00	44.13 1.66 0.00	58.10 2.39 0.00	67.49 2.66 0.00	57.20 1.99 0.00	43.99 1.45 0.00	40.38 1.06 0.00	37.38 1.02 0.00	37.13 1.01 0.00	37.33 1.02 0.00	36.20 0.98 0.00	36.63 1.07 0.00	39.73 1.27 0.00	47.23 1.77 0.00	56.01 2.36 0.00	68.44 2.95 0.00	64.43 2.71 0.00	55.51 2.39 0.00	46.66 1.92 0.00	44.56 1.67 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	39.61 -0.64 0.00	38.26 -0.58 0.00	37.60 -0.57 0.00	37.82 -0.31 0.00	38.43 -0.55 0.00	42.10 -0.38 0.00	53.93 -1.78 0.00	62.56 -2.27 0.00	53.73 -1.49 0.00	40.97 -1.57 0.00	38.38 -0.94 0.00	35.52 -0.84 0.00	34.85 -1.26 0.00	35.19 -1.13 0.00	33.95 -1.27 0.00	34.36 -1.21 0.00	37.23 -1.23 0.00	43.18 -2.27 0.00	51.29 -2.36 0.00	63.00 -2.49 0.00	60.54 -1.17 0.00	52.16 -0.96 0.00	43.89 -0.85 0.00	42.84 -0.04 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	42.18 1.93 0.00	40.51 1.67 0.00	39.81 1.64 0.00	39.69 1.56 0.00	40.54 1.56 0.00	44.39 1.91 0.00	58.94 3.23 0.00	68.52 3.70 0.00	58.20 2.98 0.00	45.10 2.55 0.00	41.44 2.12 0.00	38.32 1.96 0.00	38.10 1.99 0.00	38.31 2.00 0.00	37.22 2.01 0.00	37.77 2.21 0.00	41.00 2.54 0.00	48.64 3.18 0.00	57.35 3.70 0.00	70.00 4.52 0.00	65.79 4.07 0.00	56.41 3.29 0.00	47.46 2.73 0.00	45.12 2.23 0.00
PEEKSKILL____ 23653	41.70 1.45 0.00	40.01 1.16 0.00	39.35 1.18 0.00	39.19 1.07 0.00	40.11 1.13 0.00	43.84 1.36 0.00	58.22 2.51 0.00	67.81 2.98 0.00	57.59 2.37 0.00	44.63 2.08 0.00	41.01 1.69 0.00	37.96 1.60 0.00	37.67 1.55 0.00	37.87 1.56 0.00	36.73 1.51 0.00	37.28 1.71 0.00	40.50 2.04 0.00	48.00 2.54 0.00	56.60 2.95 0.00	68.89 3.40 0.00	64.92 3.21 0.00	55.66 2.55 0.00	46.93 2.19 0.00	44.52 1.63 0.00

PGE MADISON___WINDPWR 24146	43.55 3.30 0.00	42.11 3.26 0.00	41.26 3.09 0.00	41.48 3.36 0.00	42.37 3.39 0.00	46.52 4.04 0.00	61.06 5.35 0.00	71.50 6.68 0.00	60.47 5.25 0.00	45.82 3.28 0.00	41.96 2.63 0.00	38.47 2.11 0.00	38.18 2.06 0.00	38.34 2.03 0.00	36.97 1.76 0.00	37.74 2.17 0.00	41.04 2.58 0.00	48.46 3.00 0.00	58.00 4.34 0.00	71.91 6.42 0.00	67.64 5.93 0.00	58.16 5.05 0.00	48.67 3.94 0.00	46.83 3.94 0.00
PIERCEFIELD___HYD 23852	39.20 -1.05 0.00	37.95 -0.89 0.00	37.33 -0.84 0.00	37.33 -0.80 0.00	38.20 -0.78 0.00	41.80 -0.68 0.00	55.04 -0.67 0.00	63.66 -1.17 0.00	54.12 -1.10 0.00	41.52 -1.02 0.00	38.34 -0.98 0.00	35.30 -1.05 0.00	35.18 -0.94 0.00	35.29 -1.02 0.00	34.23 -0.99 0.00	34.18 -1.39 0.00	36.89 -1.58 0.00	43.77 -1.68 0.00	51.83 -1.82 0.00	63.52 -1.96 0.00	59.80 -1.91 0.00	51.47 -1.65 0.00	43.48 -1.25 0.00	41.94 -0.94 0.00
PINELAWN_CC_1 323563	42.58 2.33 0.00	40.51 1.67 0.00	39.89 1.72 0.00	39.65 1.53 0.00	40.73 1.76 0.00	44.69 2.21 0.00	59.39 3.68 0.00	69.43 4.60 0.00	58.53 3.31 0.00	45.40 2.85 0.00	41.44 2.12 0.00	38.32 1.96 0.00	37.89 1.77 0.00	37.97 1.67 0.01	36.75 1.55 0.01	37.56 1.99 0.00	41.08 2.62 0.00	48.73 3.27 0.00	57.46 3.81 0.00	69.87 4.39 0.00	65.97 4.26 0.00	55.72 2.81 0.20	47.69 2.95 0.00	45.12 2.23 0.00
PJM_GEN_HTP_PROXY 323702	42.10 1.85 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.42 1.44 0.00	44.18 1.70 0.00	58.88 3.17 0.00	68.78 3.95 0.00	58.31 3.09 0.00	45.27 2.73 0.00	41.64 2.32 0.00	38.54 2.18 0.00	38.18 2.06 0.00	38.38 2.07 0.00	37.22 2.01 0.00	37.81 2.24 0.00	41.08 2.62 0.00	48.68 3.23 0.00	57.35 3.70 0.00	69.74 4.25 0.00	65.79 4.07 0.00	56.36 3.24 0.00	47.51 2.77 0.00	45.07 2.19 0.00
PJM_GEN_KEystone 24065	40.33 0.08 0.00	38.84 0.00 0.00	38.17 0.00 0.00	38.24 0.11 0.00	39.02 0.04 0.00	42.61 0.13 0.00	55.77 0.06 0.00	64.89 0.06 0.00	55.22 0.00 0.00	42.54 0.00 0.00	39.40 0.08 0.00	36.43 0.07 0.00	36.01 -0.11 0.00	36.28 -0.04 0.00	35.11 -0.11 0.00	35.57 0.00 0.00	38.62 0.15 0.00	45.46 0.00 0.00	53.71 0.05 0.00	65.95 0.46 0.00	62.27 0.55 0.00	53.54 0.42 0.00	45.01 0.27 0.00	43.32 0.43 0.00
PJM_GEN_NEPTUNE_PROXY 323594	42.14 1.89 0.00	40.20 1.36 0.00	39.54 1.37 0.00	39.35 1.22 0.00	40.38 1.40 0.00	44.26 1.78 0.00	58.72 3.01 0.00	68.58 3.76 0.00	57.98 2.76 0.00	45.05 2.51 0.00	41.25 1.93 0.00	38.14 1.78 0.00	37.74 1.63 0.00	37.86 1.56 0.01	36.65 1.44 0.01	37.38 1.81 0.00	40.81 2.35 0.00	48.37 2.91 0.00	56.93 3.27 0.00	69.22 3.73 0.00	65.36 3.64 0.00	55.32 2.44 0.24	47.33 2.59 0.00	44.77 1.88 0.00
PJM_GEN_VFT_PROXY 323633	41.86 1.61 0.00	40.12 1.28 0.00	39.47 1.30 0.00	39.27 1.14 0.00	40.19 1.21 0.00	43.97 1.49 0.00	58.61 2.90 0.00	68.39 3.56 0.00	58.03 2.81 0.00	45.05 2.51 0.00	41.44 2.12 0.00	38.39 2.03 0.00	38.03 1.91 0.00	38.23 1.92 0.00	37.08 1.87 0.00	37.63 2.06 0.00	40.89 2.42 0.00	48.46 3.00 0.00	57.09 3.44 0.00	69.35 3.86 0.00	65.48 3.77 0.00	56.09 2.97 0.00	47.33 2.59 0.00	44.90 2.02 0.00
PLATSBURG_115KV_PMLD1 355749	40.01 -0.24 0.00	38.81 -0.04 0.00	38.25 0.08 0.00	38.28 0.15 0.00	39.21 0.23 0.00	42.95 0.47 0.00	56.60 0.89 0.00	64.96 0.13 0.00	56.10 0.88 0.00	42.76 0.21 0.00	39.48 0.16 0.00	36.36 0.00 0.00	36.23 0.11 0.00	36.38 0.07 0.00	35.25 0.04 0.00	35.28 -0.28 0.00	37.96 -0.50 0.00	45.05 -0.41 0.00	53.22 -0.43 0.00	64.11 -1.38 0.00	60.67 -1.05 0.00	52.74 -0.37 0.00	45.05 0.31 0.00	43.27 0.39 0.00
PLEASANTVLY___LBMP 24000	41.66 1.41 0.00	40.01 1.17 0.00	39.31 1.15 0.00	39.19 1.07 0.00	40.07 1.09 0.00	43.80 1.32 0.00	58.11 2.40 0.00	67.55 2.72 0.00	57.37 2.15 0.00	44.46 1.91 0.00	40.93 1.61 0.00	37.85 1.49 0.00	37.56 1.44 0.00	37.76 1.45 0.00	36.66 1.44 0.00	37.20 1.64 0.00	40.39 1.92 0.00	47.87 2.41 0.00	56.44 2.79 0.00	68.83 3.34 0.00	64.68 2.96 0.00	55.51 2.39 0.00	46.75 2.01 0.00	44.43 1.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.94 1.69 0.00	40.24 1.40 0.00	39.58 1.41 0.00	39.42 1.30 0.00	40.30 1.33 0.00	44.09 1.61 0.00	58.61 2.90 0.00	68.26 3.44 0.00	58.04 2.82 0.00	44.97 2.43 0.00	41.41 2.08 0.00	38.25 1.89 0.00	37.96 1.84 0.00	38.16 1.85 0.00	37.04 1.83 0.00	37.60 2.03 0.00	40.81 2.35 0.00	48.41 2.95 0.00	57.03 3.38 0.00	69.55 4.06 0.00	65.42 3.70 0.00	56.09 2.97 0.00	47.24 2.51 0.00	44.82 1.93 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.94 1.69 0.00	40.24 1.40 0.00	39.58 1.41 0.00	39.42 1.30 0.00	40.30 1.33 0.00	44.09 1.61 0.00	58.61 2.90 0.00	68.26 3.44 0.00	58.04 2.82 0.00	44.97 2.43 0.00	41.41 2.08 0.00	38.25 1.89 0.00	37.96 1.84 0.00	38.16 1.85 0.00	37.04 1.83 0.00	37.60 2.03 0.00	40.81 2.35 0.00	48.41 2.95 0.00	57.03 3.38 0.00	69.55 4.06 0.00	65.42 3.70 0.00	56.09 2.97 0.00	47.24 2.51 0.00	44.82 1.93 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.82 1.57 0.00	40.16 1.32 0.00	39.47 1.30 0.00	39.35 1.22 0.00	40.22 1.25 0.00	44.01 1.53 0.00	58.38 2.67 0.00	67.87 3.05 0.00	57.59 2.37 0.00	44.59 2.04 0.00	41.01 1.69 0.00	37.92 1.56 0.00	37.63 1.52 0.00	37.84 1.53 0.00	36.76 1.55 0.00	37.28 1.71 0.00	40.46 2.00 0.00	48.05 2.59 0.00	56.71 3.06 0.00	69.22 3.73 0.00	65.05 3.33 0.00	55.77 2.66 0.00	46.97 2.24 0.00	44.69 1.80 0.00
POLETTI_____ 23519	42.06 1.81 0.00	40.32 1.48 0.00	39.66 1.49 0.00	39.46 1.33 0.00	40.30 1.33 0.00	44.14 1.66 0.00	58.83 3.12 0.00	68.59 3.76 0.00	58.24 3.04 0.02	45.17 2.64 0.02	41.60 2.28 0.00	38.47 2.11 0.00	38.14 2.02 0.00	38.34 2.03 0.00	37.26 2.04 0.00	37.81 2.24 0.00	41.00 2.54 0.00	48.58 3.14 0.02	57.23 3.59 0.02	69.79 4.32 0.02	65.65 3.95 0.02	56.30 3.19 0.00	47.46 2.73 0.00	45.03 2.14 0.00
POMONA___ESR 323819	41.66 1.41 0.00	40.01 1.16 0.00	39.35 1.18 0.00	39.19 1.07 0.00	40.11 1.13 0.00	43.84 1.36 0.00	58.22 2.51 0.00	67.87 3.05 0.00	57.59 2.37 0.00	44.63 2.08 0.00	41.05 1.73 0.00	38.00 1.64 0.00	37.70 1.59 0.00	37.87 1.56 0.00	36.73 1.51 0.00	37.28 1.71 0.00	40.46 2.00 0.00	48.00 2.54 0.00	56.60 2.95 0.00	68.89 3.40 0.00	64.98 3.27 0.00	55.66 2.55 0.00	46.93 2.19 0.00	44.56 1.67 0.00
PORT_JEFF_3 23555	42.83 2.58 0.00	40.59 1.75 0.00	40.00 1.83 0.00	39.80 1.68 0.00	40.93 1.95 0.00	44.98 2.51 0.00	59.77 4.06 0.00	69.89 5.06 0.00	58.76 3.54 0.00	45.48 2.93 0.00	41.40 2.08 0.00	38.25 1.89 0.00	37.78 1.66 0.00	37.86 1.56 0.01	36.62 1.41 0.01	37.49 1.92 0.00	41.04 2.58 0.00	48.82 3.36 0.00	57.78 4.13 0.00	70.26 4.78 0.00	66.47 4.75 0.00	55.70 2.81 0.23	47.78 3.04 0.00	45.12 2.23 0.00

PORT_JEFF_4 23616	42.71 2.46 0.00	40.48 1.63 0.00	39.89 1.72 0.00	39.69 1.56 0.00	40.81 1.83 0.00	44.86 2.38 0.00	59.61 3.90 0.00	69.62 4.80 0.00	58.53 3.31 0.00	45.31 2.76 0.00	41.25 1.93 0.00	38.10 1.75 0.00	37.67 1.55 0.00	37.72 1.41 0.01	36.47 1.27 0.01	37.35 1.78 0.00	40.85 2.39 0.00	48.59 3.13 0.00	57.46 3.81 0.00	69.87 4.39 0.00	66.16 4.45 0.00	55.44 2.55 0.23	47.56 2.82 0.00	44.90 2.02 0.00
PORT_JEFF_IC 23713	42.83 2.58 0.00	40.59 1.75 0.00	39.89 1.72 0.00	39.73 1.60 0.00	40.85 1.87 0.00	44.99 2.51 0.00	59.72 4.01 0.00	69.82 4.99 0.00	58.70 3.48 0.00	45.57 3.02 0.00	41.80 2.48 0.00	38.32 1.96 0.00	37.78 1.66 0.00	37.84 1.53 0.00	36.69 1.48 0.00	37.74 2.17 0.00	41.15 2.69 0.00	48.82 3.36 0.00	58.00 4.35 0.00	70.86 5.37 0.00	66.41 4.69 0.00	55.65 2.76 0.23	47.78 3.04 0.00	45.16 2.27 0.00
PPL_PILGRIM_ST_GT1 24216	42.87 2.61 0.00	40.71 1.86 0.00	40.08 1.91 0.00	39.88 1.75 0.00	40.96 1.99 0.00	45.03 2.55 0.00	59.89 4.18 0.00	69.95 5.12 0.00	58.92 3.70 0.00	45.61 3.06 0.00	41.60 2.28 0.00	38.43 2.07 0.00	37.99 1.88 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.63 2.06 0.00	41.15 2.69 0.00	48.91 3.45 0.00	57.68 4.03 0.00	70.14 4.65 0.00	66.28 4.57 0.00	55.81 2.92 0.22	47.87 3.13 0.00	45.24 2.36 0.00
PPL_PILGRIM_ST_GT2 24217	42.87 2.61 0.00	40.71 1.86 0.00	40.08 1.91 0.00	39.88 1.75 0.00	40.96 1.99 0.00	45.03 2.55 0.00	59.89 4.18 0.00	69.95 5.12 0.00	58.92 3.70 0.00	45.61 3.06 0.00	41.60 2.28 0.00	38.43 2.07 0.00	37.99 1.88 0.00	38.05 1.74 0.01	36.79 1.59 0.01	37.63 2.06 0.00	41.15 2.69 0.00	48.91 3.45 0.00	57.68 4.03 0.00	70.14 4.65 0.00	66.28 4.57 0.00	55.81 2.92 0.22	47.87 3.13 0.00	45.24 2.36 0.00
PPL_SHRM_GT3 24213	42.50 2.25 0.00	40.12 1.28 0.00	39.58 1.41 0.00	39.46 1.33 0.00	40.61 1.64 0.00	44.69 2.21 0.00	59.44 3.73 0.00	69.17 4.34 0.00	57.87 2.65 0.00	44.76 2.21 0.00	40.66 1.34 0.00	37.56 1.20 0.00	37.09 0.98 0.00	37.14 0.84 0.01	35.91 0.70 0.01	36.78 1.21 0.00	40.23 1.77 0.00	47.91 2.45 0.00	57.03 3.38 0.00	69.35 3.86 0.00	65.85 4.14 0.00	54.80 1.91 0.23	46.93 2.19 0.00	44.30 1.41 0.00
PPL_SHRM_GT4 24214	42.50 2.25 0.00	40.12 1.28 0.00	39.58 1.41 0.00	39.46 1.33 0.00	40.61 1.64 0.00	44.69 2.21 0.00	59.44 3.73 0.00	69.17 4.34 0.00	57.87 2.65 0.00	44.76 2.21 0.00	40.66 1.34 0.00	37.56 1.20 0.00	37.09 0.98 0.00	37.14 0.84 0.01	35.91 0.70 0.01	36.78 1.21 0.00	40.23 1.77 0.00	47.91 2.45 0.00	57.03 3.38 0.00	69.35 3.86 0.00	65.85 4.14 0.00	54.80 1.91 0.23	46.93 2.19 0.00	44.30 1.41 0.00
PROJECT___ORANGE 1 24174	40.09 -0.16 0.00	38.73 -0.12 0.00	37.98 -0.19 0.00	38.01 -0.11 0.00	38.82 -0.16 0.00	42.31 -0.17 0.00	55.21 -0.50 0.00	64.50 -0.32 0.00	54.83 -0.39 0.00	42.25 -0.30 0.00	39.20 -0.12 0.00	36.29 -0.07 0.00	35.97 -0.14 0.00	36.24 -0.07 0.00	35.07 -0.14 0.00	35.50 -0.07 0.00	38.35 -0.12 0.00	45.18 -0.27 0.00	53.38 -0.27 0.00	65.35 -0.13 0.00	61.65 -0.06 0.00	53.01 -0.11 0.00	44.56 -0.18 0.00	42.84 -0.04 0.00
PROJECT___ORANGE 2 24166	40.09 -0.16 0.00	38.73 -0.12 0.00	37.98 -0.19 0.00	38.01 -0.11 0.00	38.82 -0.16 0.00	42.31 -0.17 0.00	55.21 -0.50 0.00	64.50 -0.32 0.00	54.83 -0.39 0.00	42.25 -0.30 0.00	39.20 -0.12 0.00	36.29 -0.07 0.00	35.97 -0.14 0.00	36.24 -0.07 0.00	35.07 -0.14 0.00	35.50 -0.07 0.00	38.35 -0.12 0.00	45.18 -0.27 0.00	53.38 -0.27 0.00	65.35 -0.13 0.00	61.65 -0.06 0.00	53.01 -0.11 0.00	44.56 -0.18 0.00	42.84 -0.04 0.00
PUCKETT___SOLAR 323809	41.26 1.01 0.00	39.85 1.01 0.00	39.08 0.91 0.00	39.19 1.07 0.00	40.03 1.05 0.00	43.75 1.27 0.00	57.27 1.56 0.00	66.77 1.94 0.00	56.65 1.43 0.00	43.35 0.81 0.00	39.99 0.67 0.00	36.90 0.55 0.00	36.55 0.43 0.00	36.78 0.47 0.00	35.57 0.35 0.00	36.07 0.50 0.00	39.16 0.69 0.00	46.18 0.73 0.00	54.89 1.23 0.00	67.58 2.10 0.00	63.63 1.92 0.00	54.71 1.59 0.00	45.90 1.16 0.00	44.22 1.33 0.00
PYRITES___HYD 24023	40.21 -0.04 0.00	38.88 0.04 0.00	38.28 0.11 0.00	38.28 0.15 0.00	39.17 0.19 0.00	42.95 0.47 0.00	56.55 0.84 0.00	65.54 0.71 0.00	55.66 0.44 0.00	42.50 -0.04 0.00	39.20 -0.12 0.00	36.03 -0.33 0.00	35.90 -0.22 0.00	36.02 -0.29 0.00	34.93 -0.28 0.00	34.86 -0.71 0.00	37.65 -0.81 0.00	44.77 -0.68 0.00	53.12 -0.54 0.00	65.22 -0.26 0.00	61.41 -0.31 0.00	52.90 -0.21 0.00	44.65 -0.09 0.00	43.10 0.21 0.00
QUAKERRD_115KV_BK1 80622	38.76 -1.49 0.00	37.45 -1.40 0.00	36.72 -1.45 0.00	36.87 -1.26 0.00	37.57 -1.40 0.00	41.08 -1.40 0.00	53.09 -2.62 0.00	62.17 -2.66 0.00	52.96 -2.26 0.00	40.59 -1.96 0.00	37.95 -1.38 0.00	35.09 -1.27 0.00	34.67 -1.44 0.00	34.93 -1.38 0.00	33.81 -1.41 0.00	34.18 -1.39 0.00	37.00 -1.46 0.00	43.32 -2.14 0.00	51.24 -2.41 0.00	62.87 -2.62 0.00	59.80 -1.91 0.00	51.52 -1.59 0.00	43.21 -1.52 0.00	41.73 -1.16 0.00
QUENSBRY_115KV_TB8 356137	41.62 1.37 0.00	40.13 1.28 0.00	39.35 1.18 0.00	39.23 1.11 0.00	40.22 1.25 0.00	44.01 1.53 0.00	58.11 2.40 0.00	67.87 3.05 0.00	57.65 2.43 0.00	45.27 2.72 0.00	41.41 2.08 0.00	38.43 2.07 0.00	37.89 1.77 0.00	38.09 1.78 0.00	36.94 1.73 0.00	37.28 1.71 0.00	40.42 1.96 0.00	47.05 1.59 0.00	55.85 2.20 0.00	68.50 3.01 0.00	64.37 2.65 0.00	55.24 2.12 0.00	46.57 1.83 0.00	44.56 1.67 0.00
RAMAPO___LBMP 323565	41.54 1.29 0.00	39.85 1.01 0.00	39.20 1.03 0.00	39.08 0.95 0.00	39.91 0.94 0.00	43.67 1.19 0.00	57.99 2.28 0.00	67.55 2.72 0.00	57.32 2.10 0.00	44.42 1.87 0.00	40.89 1.57 0.00	37.81 1.45 0.00	37.53 1.41 0.00	37.73 1.42 0.00	36.62 1.41 0.00	37.17 1.60 0.00	40.31 1.85 0.00	47.77 2.32 0.00	56.33 2.68 0.00	68.76 3.27 0.00	64.68 2.96 0.00	55.45 2.34 0.00	46.70 1.97 0.00	44.39 1.50 0.00
RANKINE____ 23646	39.37 -0.89 0.00	38.03 -0.82 0.00	37.33 -0.84 0.00	37.59 -0.53 0.00	38.20 -0.78 0.00	41.84 -0.64 0.00	53.43 -2.28 0.00	62.04 -2.79 0.00	53.34 -1.88 0.00	40.72 -1.83 0.00	38.18 -1.14 0.00	35.38 -0.98 0.00	34.71 -1.41 0.00	35.04 -1.27 0.00	33.81 -1.41 0.00	34.18 -1.39 0.00	37.08 -1.38 0.00	42.91 -2.55 0.00	50.92 -2.74 0.00	62.41 -3.08 0.00	60.11 -1.60 0.00	51.84 -1.27 0.00	43.66 -1.07 0.00	42.59 -0.30 0.00
RAVENSWOOD_GT2_1 24244	42.14 1.89 0.00	40.40 1.55 0.00	39.73 1.56 0.00	39.58 1.45 0.00	40.42 1.44 0.00	44.22 1.74 0.00	58.94 3.23 0.00	68.78 3.95 0.00	58.37 3.15 0.00	45.27 2.72 0.00	41.68 2.36 0.00	38.54 2.18 0.00	38.21 2.09 0.00	38.42 2.11 0.00	37.29 2.08 0.00	37.88 2.31 0.00	41.12 2.65 0.00	48.73 3.27 0.00	57.41 3.76 0.00	70.00 4.52 0.00	65.85 4.13 0.00	56.46 3.35 0.00	47.55 2.82 0.00	45.12 2.23 0.00

RAVENSWOOD_GT2_2 24245	42.14 1.89 0.00	40.40 1.55 0.00	39.73 1.56 0.00	39.58 1.45 0.00	40.42 1.44 0.00	44.22 1.74 0.00	58.94 3.23 0.00	68.78 3.95 0.00	58.37 3.15 0.00	45.27 2.72 0.00	41.68 2.36 0.00	38.54 2.18 0.00	38.21 2.09 0.00	38.42 2.11 0.00	37.29 2.08 0.00	37.88 2.31 0.00	41.12 2.65 0.00	48.73 3.27 0.00	57.41 3.76 0.00	70.00 4.52 0.00	65.85 4.13 0.00	56.46 3.35 0.00	47.55 2.82 0.00	45.12 2.23 0.00
RAVENSWOOD_GT2_3 24246	42.18 1.93 0.00	40.44 1.59 0.00	39.73 1.56 0.00	39.58 1.45 0.00	40.42 1.44 0.00	44.26 1.78 0.00	59.00 3.29 0.00	68.78 3.95 0.00	58.42 3.20 0.00	45.31 2.77 0.00	41.72 2.40 0.00	38.58 2.22 0.00	38.21 2.09 0.00	38.42 2.11 0.00	37.33 2.11 0.00	37.88 2.31 0.00	41.12 2.65 0.00	48.73 3.27 0.00	57.41 3.76 0.00	70.07 4.58 0.00	65.91 4.20 0.00	56.46 3.35 0.00	47.55 2.82 0.00	45.12 2.23 0.00
RAVENSWOOD_GT2_4 24247	42.18 1.93 0.00	40.44 1.59 0.00	39.73 1.56 0.00	39.58 1.45 0.00	40.42 1.44 0.00	44.26 1.78 0.00	59.00 3.29 0.00	68.78 3.95 0.00	58.42 3.20 0.00	45.31 2.77 0.00	41.72 2.40 0.00	38.58 2.22 0.00	38.21 2.09 0.00	38.42 2.11 0.00	37.33 2.11 0.00	37.88 2.31 0.00	41.12 2.65 0.00	48.73 3.27 0.00	57.41 3.76 0.00	70.07 4.58 0.00	65.91 4.20 0.00	56.46 3.35 0.00	47.55 2.82 0.00	45.12 2.23 0.00
RAVENSWOOD_GT3_1 24248	42.14 1.89 0.00	40.40 1.55 0.00	39.73 1.56 0.00	39.58 1.45 0.00	40.42 1.44 0.00	44.26 1.78 0.00	58.94 3.23 0.00	68.78 3.95 0.00	58.37 3.15 0.00	45.27 2.72 0.00	41.68 2.36 0.00	38.54 2.18 0.00	38.21 2.09 0.00	38.42 2.11 0.00	37.29 2.08 0.00	37.88 2.31 0.00	41.12 2.65 0.00	48.73 3.27 0.00	57.41 3.76 0.00	70.00 4.52 0.00	65.85 4.13 0.00	56.46 3.35 0.00	47.55 2.82 0.00	45.12 2.23 0.00
RAVENSWOOD_GT3_2 24249	42.14 1.89 0.00	40.40 1.55 0.00	39.73 1.56 0.00	39.58 1.45 0.00	40.42 1.44 0.00	44.26 1.78 0.00	58.94 3.23 0.00	68.78 3.95 0.00	58.37 3.15 0.00	45.27 2.72 0.00	41.68 2.36 0.00	38.54 2.18 0.00	38.21 2.09 0.00	38.42 2.11 0.00	37.29 2.08 0.00	37.88 2.31 0.00	41.12 2.65 0.00	48.73 3.27 0.00	57.41 3.76 0.00	70.00 4.52 0.00	65.85 4.13 0.00	56.46 3.35 0.00	47.55 2.82 0.00	45.12 2.23 0.00
RAVENSWOOD_GT3_3 24250	42.22 1.97 0.00	40.44 1.59 0.00	39.77 1.60 0.00	39.61 1.49 0.00	40.46 1.48 0.00	44.31 1.83 0.00	59.00 3.29 0.00	68.85 4.02 0.00	58.48 3.26 0.00	45.35 2.81 0.00	41.76 2.44 0.00	38.61 2.25 0.00	38.25 2.13 0.00	38.45 2.14 0.00	37.36 2.15 0.00	37.92 2.35 0.00	41.15 2.69 0.00	48.77 3.32 0.00	57.46 3.81 0.00	70.14 4.65 0.00	65.97 4.26 0.00	56.51 3.40 0.00	47.60 2.86 0.00	45.16 2.27 0.00
RAVENSWOOD_GT3_4 24251	42.22 1.97 0.00	40.44 1.59 0.00	39.77 1.60 0.00	39.61 1.49 0.00	40.46 1.48 0.00	44.31 1.83 0.00	59.00 3.29 0.00	68.85 4.02 0.00	58.48 3.26 0.00	45.35 2.81 0.00	41.76 2.44 0.00	38.61 2.25 0.00	38.25 2.13 0.00	38.45 2.14 0.00	37.36 2.15 0.00	37.92 2.35 0.00	41.15 2.69 0.00	48.77 3.32 0.00	57.46 3.81 0.00	70.14 4.65 0.00	65.97 4.26 0.00	56.51 3.40 0.00	47.60 2.86 0.00	45.16 2.27 0.00
RAVENSWOOD_GT_1 23729	44.64 2.13 -2.26	42.59 1.79 -1.96	42.13 1.79 -2.17	41.86 1.64 -2.09	42.57 1.64 -1.96	46.36 2.00 -1.88	59.28 3.57 -0.01	69.18 4.34 -0.01	59.49 3.48 -0.80	60.05 2.98 -14.53	55.97 2.60 -14.05	61.73 2.40 -22.97	44.11 2.31 -5.68	61.74 2.32 -23.11	57.29 2.29 -19.79	59.24 2.53 -21.15	61.24 2.88 -19.89	61.85 3.55 -12.85	69.38 4.02 -11.70	78.44 4.91 -8.05	74.80 4.51 -8.58	59.61 3.66 -2.83	51.47 3.09 -3.65	47.48 2.49 -2.10
RAVENSWOOD_GT_10 24258	42.10 1.89 0.05	40.40 1.55 0.00	39.73 1.56 0.00	39.54 1.41 0.00	40.38 1.40 0.00	44.18 1.74 0.04	58.94 3.23 0.00	68.78 3.95 0.00	58.33 3.15 0.04	44.15 2.72 1.12	40.63 2.36 1.05	36.74 2.18 1.80	37.93 2.09 0.29	36.60 2.11 1.82	35.78 2.08 1.51	36.25 2.31 1.63	39.57 2.65 1.55	47.73 3.27 1.00	56.77 3.70 0.59	69.60 4.52 0.40	65.45 4.13 0.40	56.27 3.29 0.14	47.37 2.82 0.18	45.07 2.23 0.04
RAVENSWOOD_GT_11 24259	42.10 1.89 0.05	40.40 1.55 0.00	39.73 1.56 0.00	39.54 1.41 0.00	40.38 1.40 0.00	44.18 1.74 0.04	58.94 3.23 0.00	68.78 3.95 0.00	58.33 3.15 0.04	44.15 2.72 1.12	40.63 2.36 1.05	36.74 2.18 1.80	37.93 2.09 0.29	36.60 2.11 1.82	35.78 2.08 1.51	36.25 2.31 1.63	39.57 2.65 1.55	47.73 3.27 1.00	56.77 3.70 0.59	69.60 4.52 0.40	65.45 4.13 0.40	56.27 3.29 0.14	47.37 2.82 0.18	45.07 2.23 0.04
RAVENSWOOD_GT_4 24252	43.12 1.85 -1.02	41.84 1.51 -1.48	41.33 1.53 -1.64	41.08 1.37 -1.58	41.82 1.36 -1.48	45.03 1.70 -0.85	58.88 3.18 0.01	68.71 3.89 0.01	58.31 3.09 0.01	39.26 2.68 5.97	36.35 2.32 5.29	28.59 2.15 9.91	38.17 2.06 0.01	28.38 2.07 10.00	29.42 2.04 7.84	29.10 2.28 8.75	32.73 2.62 8.35	43.24 3.23 5.45	57.35 3.70 0.01	69.93 4.45 0.01	66.27 4.07 -0.49	56.35 3.24 0.01	47.50 2.77 0.01	46.02 2.19 -0.95
RAVENSWOOD_GT_5 24254	43.12 1.85 -1.02	41.84 1.51 -1.48	41.33 1.53 -1.64	41.08 1.37 -1.58	41.82 1.36 -1.48	45.03 1.70 -0.85	58.88 3.18 0.01	68.71 3.89 0.01	58.31 3.09 0.01	39.26 2.68 5.97	36.35 2.32 5.29	28.59 2.15 9.91	38.17 2.06 0.01	28.38 2.07 10.00	29.42 2.04 7.84	29.10 2.28 8.75	32.73 2.62 8.35	43.24 3.23 5.45	57.35 3.70 0.01	69.93 4.45 0.01	66.27 4.07 -0.49	56.35 3.24 0.01	47.50 2.77 0.01	46.02 2.19 -0.95
RAVENSWOOD_GT_6 24253	43.12 1.85 -1.02	41.84 1.51 -1.48	41.33 1.53 -1.64	41.08 1.37 -1.58	41.82 1.36 -1.48	45.03 1.70 -0.85	58.88 3.18 0.01	68.71 3.89 0.01	58.31 3.09 0.01	39.26 2.68 5.97	36.35 2.32 5.29	28.59 2.15 9.91	38.17 2.06 0.01	28.38 2.07 10.00	29.42 2.04 7.84	29.10 2.28 8.75	32.73 2.62 8.35	43.24 3.23 5.45	57.35 3.70 0.01	69.93 4.45 0.01	66.27 4.07 -0.49	56.35 3.24 0.01	47.50 2.77 0.01	46.02 2.19 -0.95
RAVENSWOOD_GT_7 24255	43.12 1.85 -1.02	41.84 1.51 -1.48	41.33 1.53 -1.64	41.08 1.37 -1.58	41.82 1.36 -1.48	45.03 1.70 -0.85	58.88 3.18 0.01	68.71 3.89 0.01	58.31 3.09 0.01	39.26 2.68 5.97	36.35 2.32 5.29	28.59 2.15 9.91	38.17 2.06 0.01	28.38 2.07 10.00	29.42 2.04 7.84	29.10 2.28 8.75	32.73 2.62 8.35	43.24 3.23 5.45	57.35 3.70 0.01	69.93 4.45 0.01	66.27 4.07 -0.49	56.35 3.24 0.01	47.50 2.77 0.01	46.02 2.19 -0.95
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.10 1.89 0.05	40.40 1.55 0.00	39.73 1.56 0.00	39.54 1.41 0.00	40.38 1.40 0.00	44.18 1.74 0.04	58.94 3.23 0.00	68.78 3.95 0.00	58.33 3.15 0.04	44.15 2.72 1.12	40.63 2.36 1.05	36.74 2.18 1.80	37.93 2.09 0.29	36.60 2.11 1.82	35.78 2.08 1.51	36.25 2.31 1.63	39.57 2.65 1.55	47.73 3.27 1.00	56.77 3.70 0.59	69.60 4.52 0.40	65.45 4.13 0.40	56.27 3.29 0.14	47.37 2.82 0.18	45.07 2.23 0.04

RAVENSWOOD_GT_9 24257	42.10 1.89 0.05	40.40 1.55 0.00	39.73 1.56 0.00	39.54 1.41 0.00	40.38 1.40 0.00	44.18 1.74 0.04	58.94 3.23 0.00	68.78 3.95 0.00	58.33 3.15 0.04	44.15 2.72 1.12	40.63 2.36 1.05	36.74 2.18 1.80	37.93 2.09 0.29	36.60 2.11 1.82	35.78 2.08 1.51	36.25 2.31 1.63	39.57 2.65 1.55	47.73 3.27 1.00	56.77 3.70 0.59	69.60 4.52 0.40	65.45 4.13 0.40	56.27 3.29 0.14	47.37 2.82 0.18	45.07 2.23 0.04
RAVENSWOOD___1 23533	42.84 2.13 -0.46	40.64 1.79 -0.01	39.97 1.79 -0.01	39.77 1.64 -0.01	40.70 1.71 -0.01	44.86 2.00 -0.38	59.23 3.51 -0.01	69.11 4.28 -0.01	59.10 3.48 -0.40	56.64 2.98 -11.12	52.32 2.55 -10.44	56.65 2.40 -17.89	41.22 2.28 -2.83	56.62 2.29 -18.02	52.39 2.22 -14.95	54.25 2.45 -16.23	56.65 2.85 -15.34	58.90 3.50 -9.95	63.50 4.03 -5.82	74.14 4.65 -4.00	70.17 4.50 -3.95	58.14 3.61 -1.41	49.60 3.04 -1.82	45.76 2.44 -0.43
RAVENSWOOD___2 23534	42.80 2.09 -0.46	40.60 1.75 -0.01	39.93 1.76 -0.01	39.77 1.64 -0.01	40.70 1.71 -0.01	44.86 2.00 -0.38	59.23 3.51 -0.01	69.11 4.28 -0.01	59.10 3.48 -0.40	56.56 2.93 -11.08	52.24 2.52 -10.40	56.55 2.36 -17.83	41.21 2.28 -2.82	56.55 2.29 -17.95	52.33 2.22 -14.90	54.15 2.42 -16.16	56.55 2.81 -15.28	58.82 3.45 -9.91	63.48 4.03 -5.80	74.13 4.65 -3.99	70.09 4.45 -3.93	58.14 3.61 -1.41	49.59 3.04 -1.81	45.75 2.44 -0.42
RAVENSWOOD___3 23535	42.14 1.89 0.00	40.40 1.56 0.00	39.73 1.57 0.00	39.57 1.45 0.00	40.50 1.52 0.00	44.26 1.78 0.00	58.94 3.23 0.00	68.78 3.95 0.00	58.37 3.15 0.00	45.27 2.73 0.00	41.64 2.32 0.00	38.54 2.18 0.00	38.21 2.09 0.00	38.42 2.11 0.00	37.26 2.04 0.00	37.81 2.24 0.00	41.08 2.62 0.00	48.73 3.27 0.00	57.41 3.75 0.00	69.81 4.32 0.00	65.85 4.14 0.00	56.46 3.35 0.00	47.56 2.82 0.00	45.12 2.23 0.00
RAVENSWOOD___4 23820	41.03 2.09 1.32	38.68 1.75 1.91	37.81 1.76 2.12	37.68 1.60 2.04	38.74 1.67 1.91	43.38 2.00 1.10	59.23 3.51 -0.01	69.11 4.28 -0.01	58.65 3.42 -0.01	53.20 2.93 -7.72	48.68 2.52 -6.84	51.54 2.36 -12.82	38.40 2.28 -0.01	51.53 2.29 -12.93	47.53 2.18 -10.14	49.30 2.42 -11.31	52.07 2.81 -10.80	55.95 3.45 -7.04	57.69 4.03 -0.01	70.08 4.58 -0.01	65.53 4.45 0.63	56.74 3.61 -0.01	47.79 3.04 -0.01	44.10 2.44 1.23
RCPL_TRUST___DRP 24196	42.30 2.05 0.00	40.55 1.71 0.00	39.85 1.68 0.00	39.69 1.56 0.00	40.54 1.56 0.00	44.39 1.91 0.00	59.28 3.57 0.00	69.23 4.41 0.00	58.81 3.59 0.00	45.69 3.15 0.00	42.03 2.71 0.00	38.83 2.47 0.00	38.50 2.38 0.00	38.74 2.43 0.00	37.61 2.39 0.00	38.20 2.63 0.00	41.50 3.04 0.00	49.14 3.68 0.00	57.73 4.08 0.00	70.40 4.91 0.00	66.28 4.57 0.00	56.73 3.61 0.00	47.78 3.04 0.00	45.33 2.44 0.00
RED___ROCHESTER 323720	39.69 -0.56 0.00	38.30 -0.54 0.00	37.52 -0.65 0.00	37.86 -0.27 0.00	38.51 -0.47 0.00	42.05 -0.42 0.00	54.21 -1.50 0.00	63.34 -1.49 0.00	54.06 -1.16 0.00	41.35 -1.19 0.00	38.77 -0.55 0.00	35.81 -0.54 0.00	35.36 -0.76 0.00	35.62 -0.69 0.00	34.44 -0.77 0.00	34.82 -0.75 0.00	37.73 -0.73 0.00	44.05 -1.41 0.00	52.15 -1.50 0.00	64.77 -0.72 0.00	61.22 -0.50 0.00	52.75 -0.37 0.00	44.15 -0.58 0.00	42.84 -0.04 0.00
REGAN___SOLAR 323812	43.03 2.78 0.00	41.49 2.64 0.00	40.65 2.48 0.00	40.57 2.44 0.00	41.59 2.61 0.00	45.58 3.10 0.00	60.06 4.35 0.00	69.89 5.06 0.00	58.98 3.76 0.00	44.97 2.42 0.00	41.09 1.77 0.00	38.07 1.71 0.00	37.74 1.63 0.00	37.98 1.67 0.00	36.83 1.62 0.00	37.24 1.67 0.00	40.42 1.96 0.00	48.32 2.87 0.00	57.62 3.97 0.00	70.86 5.37 0.00	66.71 5.00 0.00	57.47 4.36 0.00	48.18 3.44 0.00	46.10 3.22 0.00
RENSSELAER___COGEN 23796	40.98 0.73 0.00	39.46 0.62 0.00	38.78 0.61 0.00	38.43 0.30 0.00	39.33 0.35 0.00	42.82 0.34 0.00	56.43 0.72 0.00	65.54 0.71 0.00	55.66 0.44 0.00	42.97 0.43 0.00	39.60 0.28 0.00	36.72 0.36 0.00	36.48 0.36 0.00	36.67 0.36 0.00	35.81 0.60 0.00	36.21 0.64 0.00	39.04 0.58 0.00	46.23 0.77 0.00	54.62 0.97 0.00	66.40 0.92 0.00	62.52 0.80 0.00	53.80 0.69 0.00	45.27 0.54 0.00	43.15 0.26 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.99 2.74 0.00	41.49 2.64 0.00	40.61 2.44 0.00	40.45 2.33 0.00	41.55 2.57 0.00	45.62 3.14 0.00	60.39 4.68 0.00	70.79 5.96 0.00	59.86 4.64 0.00	46.63 4.08 0.00	42.47 3.15 0.00	39.45 3.09 0.00	38.79 2.67 0.00	39.00 2.69 0.00	37.82 2.61 0.00	38.09 2.53 0.00	41.35 2.88 0.00	48.37 2.91 0.00	57.73 4.08 0.00	71.18 5.70 0.00	66.96 5.25 0.00	57.36 4.25 0.00	48.27 3.53 0.00	46.27 3.39 0.00
REVERE_CPDR_DRP 24186	41.62 1.37 0.00	40.16 1.32 0.00	39.43 1.26 0.00	39.46 1.33 0.00	40.34 1.36 0.00	44.18 1.70 0.00	57.99 2.28 0.00	67.68 2.85 0.00	57.48 2.26 0.00	43.99 1.45 0.00	40.54 1.22 0.00	37.34 0.98 0.00	37.13 1.01 0.00	37.33 1.02 0.00	36.16 0.95 0.00	36.71 1.14 0.00	39.77 1.31 0.00	46.96 1.50 0.00	55.85 2.20 0.00	68.63 3.14 0.00	64.62 2.90 0.00	55.61 2.50 0.00	46.66 1.92 0.00	44.73 1.84 0.00
REYNOLDS_115KV_TB3 80639	41.18 0.93 0.00	39.66 0.82 0.00	38.97 0.80 0.00	38.85 0.72 0.00	39.76 0.78 0.00	43.20 0.72 0.00	56.94 1.23 0.00	66.06 1.23 0.00	56.16 0.94 0.00	43.35 0.81 0.00	39.91 0.59 0.00	36.98 0.62 0.00	36.73 0.61 0.00	36.93 0.62 0.00	35.85 0.63 0.00	36.31 0.75 0.00	39.31 0.85 0.00	46.64 1.18 0.00	55.10 1.45 0.00	67.06 1.57 0.00	63.01 1.30 0.00	54.18 1.06 0.00	45.59 0.85 0.00	43.49 0.60 0.00
RIVERBAY____ 323610	42.43 2.17 -0.01	40.72 1.86 -0.01	40.05 1.87 -0.01	39.89 1.75 -0.01	40.74 1.75 -0.01	44.61 2.12 -0.01	59.32 3.62 0.01	69.23 4.41 0.01	58.75 3.53 0.01	45.51 2.98 0.01	41.91 2.60 0.01	38.71 2.36 0.01	38.38 2.28 0.01	38.55 2.25 0.01	37.46 2.25 0.01	38.05 2.49 0.01	41.30 2.85 0.01	48.95 3.50 0.01	57.67 4.02 0.01	70.39 4.91 0.01	66.21 4.51 0.01	56.77 3.66 0.01	47.83 3.09 -0.01	45.43 2.53 -0.01
RIVERSDE_115KV_TB3 55908	41.14 0.89 0.00	39.62 0.78 0.00	38.93 0.76 0.00	38.81 0.69 0.00	39.72 0.74 0.00	43.07 0.59 0.00	56.77 1.06 0.00	65.86 1.04 0.00	56.10 0.88 0.00	43.27 0.72 0.00	39.83 0.51 0.00	36.94 0.58 0.00	36.70 0.58 0.00	36.89 0.58 0.00	35.81 0.60 0.00	36.24 0.68 0.00	39.19 0.73 0.00	46.50 1.05 0.00	54.94 1.29 0.00	66.86 1.38 0.00	62.89 1.17 0.00	54.07 0.96 0.00	45.50 0.76 0.00	43.40 0.51 0.00
ROARING___BROOK_WT_PWR 323790	39.81 -0.44 0.00	38.46 -0.39 0.00	37.86 -0.31 0.00	37.86 -0.27 0.00	38.74 -0.23 0.00	42.27 -0.21 0.00	55.49 -0.22 0.00	64.50 -0.32 0.00	55.00 -0.22 0.00	42.29 -0.25 0.00	39.01 -0.32 0.00	36.03 -0.33 0.00	35.72 -0.40 0.00	35.84 -0.47 0.00	34.72 -0.49 0.00	34.96 -0.60 0.00	37.77 -0.69 0.00	44.73 -0.73 0.00	52.90 -0.75 0.00	64.63 -0.85 0.00	60.98 -0.74 0.00	52.53 -0.58 0.00	44.33 -0.40 0.00	42.50 -0.39 0.00

ROCHESRG_115KV_T4 355643	39.28 -0.97 0.00	37.95 -0.89 0.00	37.21 -0.95 0.00	37.36 -0.76 0.00	38.08 -0.90 0.00	41.63 -0.85 0.00	53.65 -2.06 0.00	62.56 -2.27 0.00	53.40 -1.82 0.00	40.89 -1.66 0.00	38.30 -1.02 0.00	35.41 -0.95 0.00	34.96 -1.16 0.00	35.22 -1.09 0.00	34.09 -1.13 0.00	34.43 -1.14 0.00	37.31 -1.15 0.00	43.55 -1.91 0.00	51.56 -2.09 0.00	63.13 -2.36 0.00	60.36 -1.36 0.00	52.05 -1.06 0.00	43.71 -1.03 0.00	42.33 -0.56 0.00
ROCHESTER_9_IC 23652	39.49 -0.76 0.00	38.14 -0.70 0.00	37.37 -0.80 0.00	37.55 -0.57 0.00	38.28 -0.70 0.00	41.88 -0.59 0.00	53.98 -1.73 0.00	63.01 -1.82 0.00	53.73 -1.49 0.00	41.14 -1.40 0.00	38.53 -0.79 0.00	35.63 -0.73 0.00	35.18 -0.94 0.00	35.44 -0.87 0.00	34.30 -0.92 0.00	34.64 -0.92 0.00	37.54 -0.92 0.00	43.82 -1.64 0.00	51.88 -1.77 0.00	63.59 -1.90 0.00	60.79 -0.93 0.00	52.42 -0.69 0.00	43.97 -0.76 0.00	42.54 -0.34 0.00
ROCKVIEW_13_KV_LD 356306	42.10 1.85 0.00	40.36 1.51 0.00	39.70 1.53 0.00	39.54 1.41 0.00	40.38 1.40 0.00	44.22 1.74 0.00	58.83 3.12 0.00	68.65 3.82 0.00	58.37 3.15 0.00	45.23 2.68 0.00	41.64 2.32 0.00	38.47 2.11 0.00	38.18 2.06 0.00	38.34 2.03 0.00	37.22 2.01 0.00	37.81 2.24 0.00	41.04 2.58 0.00	48.64 3.18 0.00	57.35 3.70 0.00	69.94 4.45 0.00	65.85 4.13 0.00	56.41 3.29 0.00	47.51 2.77 0.00	44.99 2.10 0.00
ROME____115KV_TB2 80656	41.62 1.37 0.00	40.16 1.32 0.00	39.43 1.26 0.00	39.46 1.33 0.00	40.34 1.36 0.00	44.18 1.70 0.00	57.99 2.28 0.00	67.68 2.85 0.00	57.48 2.26 0.00	43.99 1.45 0.00	40.54 1.22 0.00	37.34 0.98 0.00	37.13 1.01 0.00	37.33 1.02 0.00	36.16 0.95 0.00	36.71 1.14 0.00	39.77 1.31 0.00	46.96 1.50 0.00	55.85 2.20 0.00	68.63 3.14 0.00	64.62 2.90 0.00	55.61 2.50 0.00	46.66 1.92 0.00	44.73 1.84 0.00
ROSETON___1 23587	41.58 1.33 0.00	39.93 1.09 0.00	39.28 1.11 0.00	39.12 0.99 0.00	40.03 1.05 0.00	43.71 1.23 0.00	57.94 2.23 0.00	67.42 2.60 0.00	57.26 2.04 0.00	44.37 1.83 0.00	40.82 1.49 0.00	37.78 1.42 0.00	37.52 1.41 0.00	37.73 1.41 0.00	36.59 1.37 0.00	37.10 1.53 0.00	40.31 1.85 0.00	47.77 2.32 0.00	56.33 2.68 0.00	68.50 3.01 0.00	64.62 2.90 0.00	55.40 2.28 0.00	46.70 1.97 0.00	44.39 1.50 0.00
ROSETON___2 23588	41.58 1.33 0.00	39.93 1.09 0.00	39.28 1.11 0.00	39.12 0.99 0.00	40.03 1.05 0.00	43.71 1.23 0.00	57.94 2.23 0.00	67.42 2.60 0.00	57.26 2.04 0.00	44.37 1.83 0.00	40.82 1.49 0.00	37.78 1.42 0.00	37.52 1.41 0.00	37.73 1.41 0.00	36.59 1.37 0.00	37.10 1.53 0.00	40.31 1.85 0.00	47.77 2.32 0.00	56.33 2.68 0.00	68.50 3.01 0.00	64.62 2.90 0.00	55.40 2.28 0.00	46.70 1.97 0.00	44.39 1.50 0.00
ROTRDAM_115KV_TB3 80664	41.30 1.05 0.00	39.82 0.97 0.00	39.12 0.95 0.00	39.00 0.88 0.00	39.91 0.94 0.00	43.58 1.10 0.00	57.38 1.67 0.00	66.71 1.88 0.00	56.71 1.49 0.00	43.82 1.28 0.00	40.30 0.98 0.00	37.30 0.95 0.00	37.02 0.90 0.00	37.22 0.91 0.00	36.13 0.92 0.00	36.53 0.96 0.00	39.62 1.15 0.00	46.87 1.41 0.00	55.42 1.77 0.00	67.58 2.10 0.00	63.63 1.91 0.00	54.76 1.65 0.00	46.08 1.34 0.00	44.04 1.16 0.00
RUSSELL___1 23602	39.65 -0.60 0.00	38.30 -0.54 0.00	37.52 -0.65 0.00	37.71 -0.42 0.00	38.43 -0.55 0.00	42.05 -0.42 0.00	54.21 -1.50 0.00	63.34 -1.49 0.00	54.06 -1.16 0.00	41.35 -1.19 0.00	38.77 -0.55 0.00	35.81 -0.55 0.00	35.36 -0.76 0.00	35.62 -0.69 0.00	34.47 -0.74 0.00	34.82 -0.75 0.00	37.77 -0.69 0.00	44.05 -1.41 0.00	52.15 -1.50 0.00	63.98 -1.51 0.00	61.22 -0.49 0.00	52.74 -0.37 0.00	44.20 -0.54 0.00	42.76 -0.13 0.00
RUSSELL___2 23532	39.65 -0.60 0.00	38.30 -0.54 0.00	37.52 -0.65 0.00	37.71 -0.42 0.00	38.43 -0.55 0.00	42.05 -0.42 0.00	54.21 -1.50 0.00	63.34 -1.49 0.00	54.06 -1.16 0.00	41.35 -1.19 0.00	38.77 -0.55 0.00	35.81 -0.55 0.00	35.36 -0.76 0.00	35.62 -0.69 0.00	34.47 -0.74 0.00	34.82 -0.75 0.00	37.77 -0.69 0.00	44.05 -1.41 0.00	52.15 -1.50 0.00	63.98 -1.51 0.00	61.22 -0.49 0.00	52.74 -0.37 0.00	44.20 -0.54 0.00	42.76 -0.13 0.00
RUSSELL___3 23549	39.65 -0.60 0.00	38.30 -0.54 0.00	37.52 -0.65 0.00	37.71 -0.42 0.00	38.43 -0.55 0.00	42.05 -0.42 0.00	54.21 -1.50 0.00	63.34 -1.49 0.00	54.06 -1.16 0.00	41.35 -1.19 0.00	38.77 -0.55 0.00	35.81 -0.55 0.00	35.36 -0.76 0.00	35.62 -0.69 0.00	34.47 -0.74 0.00	34.82 -0.75 0.00	37.77 -0.69 0.00	44.05 -1.41 0.00	52.15 -1.50 0.00	63.98 -1.51 0.00	61.22 -0.49 0.00	52.74 -0.37 0.00	44.20 -0.54 0.00	42.76 -0.13 0.00
RUSSELL___4 23556	39.65 -0.60 0.00	38.30 -0.54 0.00	37.52 -0.65 0.00	37.71 -0.42 0.00	38.43 -0.55 0.00	42.05 -0.42 0.00	54.21 -1.50 0.00	63.34 -1.49 0.00	54.06 -1.16 0.00	41.35 -1.19 0.00	38.77 -0.55 0.00	35.81 -0.55 0.00	35.36 -0.76 0.00	35.62 -0.69 0.00	34.47 -0.74 0.00	34.82 -0.75 0.00	37.77 -0.69 0.00	44.05 -1.41 0.00	52.15 -1.50 0.00	63.98 -1.51 0.00	61.22 -0.49 0.00	52.74 -0.37 0.00	44.20 -0.54 0.00	42.76 -0.13 0.00
RUSSELL___STATION 23914	39.65 -0.60 0.00	38.30 -0.54 0.00	37.52 -0.65 0.00	37.71 -0.42 0.00	38.43 -0.55 0.00	42.05 -0.42 0.00	54.21 -1.50 0.00	63.34 -1.49 0.00	54.06 -1.16 0.00	41.35 -1.19 0.00	38.77 -0.55 0.00	35.81 -0.55 0.00	35.36 -0.76 0.00	35.62 -0.69 0.00	34.47 -0.74 0.00	34.82 -0.75 0.00	37.77 -0.69 0.00	44.05 -1.41 0.00	52.15 -1.50 0.00	63.98 -1.51 0.00	61.22 -0.49 0.00	52.74 -0.37 0.00	44.20 -0.54 0.00	42.76 -0.13 0.00
S SALMON___HYD 24043	39.77 -0.48 0.00	38.38 -0.46 0.00	37.67 -0.50 0.00	37.71 -0.42 0.00	38.55 -0.43 0.00	42.10 -0.38 0.00	54.88 -0.83 0.00	64.05 -0.78 0.00	54.33 -0.89 0.00	41.74 -0.81 0.00	38.61 -0.71 0.00	35.59 -0.77 0.00	35.43 -0.69 0.00	35.62 -0.69 0.00	34.51 -0.70 0.00	34.93 -0.64 0.00	37.81 -0.65 0.00	44.64 -0.82 0.00	53.06 -0.59 0.00	65.35 -0.13 0.00	61.53 -0.18 0.00	52.85 -0.26 0.00	44.33 -0.40 0.00	42.59 -0.30 0.00
S.PERRY__115KV_TB1 80734	40.81 0.56 0.00	39.47 0.62 0.00	38.67 0.50 0.00	38.85 0.72 0.00	39.64 0.66 0.00	43.50 1.02 0.00	56.21 0.50 0.00	65.60 0.78 0.00	55.33 0.11 0.00	42.03 -0.51 0.00	39.09 -0.24 0.00	35.96 -0.40 0.00	35.29 -0.83 0.00	35.62 -0.69 0.00	34.44 -0.77 0.00	33.72 -1.85 0.00	36.65 -1.81 0.00	43.14 -2.32 0.00	51.61 -2.04 0.00	64.04 -1.44 0.00	61.22 -0.49 0.00	54.50 1.38 0.00	45.59 0.85 0.00	44.04 1.16 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.88 -1.37 0.00	37.56 -1.28 0.00	36.87 -1.30 0.00	37.14 -0.99 0.00	37.73 -1.25 0.00	41.29 -1.19 0.00	52.65 -3.06 0.00	61.13 -3.70 0.00	52.51 -2.71 0.00	40.12 -2.43 0.00	37.67 -1.65 0.00	34.90 -1.45 0.00	34.28 -1.84 0.00	34.60 -1.71 0.00	33.38 -1.83 0.00	33.79 -1.78 0.00	36.62 -1.85 0.00	42.36 -3.09 0.00	50.27 -3.38 0.00	61.49 -3.99 0.00	59.31 -2.41 0.00	51.20 -1.91 0.00	43.08 -1.66 0.00	42.07 -0.81 0.00

SAWYER___23_KV_LOAD 55526	38.88 -1.37 0.00	37.56 -1.28 0.00	36.87 -1.30 0.00	37.14 -0.99 0.00	37.73 -1.25 0.00	41.29 -1.19 0.00	52.65 -3.06 0.00	61.13 -3.70 0.00	52.51 -2.71 0.00	40.12 -2.43 0.00	37.67 -1.65 0.00	34.90 -1.45 0.00	34.28 -1.84 0.00	34.60 -1.71 0.00	33.38 -1.83 0.00	33.79 -1.78 0.00	36.62 -1.85 0.00	42.36 -3.09 0.00	50.27 -3.38 0.00	61.49 -3.99 0.00	59.31 -2.41 0.00	51.20 -1.91 0.00	43.08 -1.66 0.00	42.07 -0.81 0.00
SELKIRK___I 23801	41.26 1.01 0.00	39.82 0.97 0.00	39.12 0.95 0.00	38.89 0.76 0.00	39.76 0.78 0.00	43.28 0.81 0.00	56.93 1.22 0.00	66.12 1.30 0.00	56.10 0.88 0.00	43.18 0.64 0.00	39.75 0.43 0.00	36.83 0.47 0.00	36.59 0.47 0.00	36.78 0.47 0.00	35.81 0.60 0.00	36.21 0.64 0.00	39.16 0.69 0.00	46.45 1.00 0.00	54.99 1.34 0.00	66.86 1.38 0.00	63.07 1.36 0.00	54.28 1.17 0.00	45.72 0.98 0.00	43.66 0.77 0.00
SELKIRK___II 23799	41.01 0.76 0.00	39.54 0.70 0.00	38.86 0.69 0.00	38.62 0.49 0.00	39.48 0.51 0.00	43.03 0.55 0.00	56.66 0.95 0.00	65.80 0.97 0.00	55.94 0.72 0.00	43.14 0.60 0.00	39.75 0.43 0.00	36.83 0.47 0.00	36.62 0.51 0.00	36.82 0.51 0.00	35.85 0.63 0.00	36.24 0.67 0.00	39.16 0.69 0.00	46.41 0.96 0.00	54.83 1.18 0.00	66.67 1.18 0.00	62.83 1.11 0.00	54.02 0.90 0.00	45.49 0.76 0.00	43.40 0.52 0.00
SENECA OSWGO___HYD 24041	39.65 -0.60 0.00	38.26 -0.58 0.00	37.56 -0.61 0.00	37.59 -0.53 0.00	38.39 -0.58 0.00	41.80 -0.68 0.00	54.43 -1.28 0.00	63.53 -1.30 0.00	54.00 -1.22 0.00	41.61 -0.94 0.00	38.61 -0.71 0.00	35.71 -0.65 0.00	35.47 -0.65 0.00	35.69 -0.62 0.00	34.58 -0.63 0.00	34.96 -0.60 0.00	37.81 -0.65 0.00	44.55 -0.91 0.00	52.69 -0.96 0.00	64.63 -0.85 0.00	60.85 -0.86 0.00	52.37 -0.74 0.00	43.97 -0.76 0.00	42.29 -0.60 0.00
SENECA___115KV_TB3 355854	39.41 -0.85 0.00	38.11 -0.74 0.00	37.41 -0.76 0.00	37.67 -0.46 0.00	38.28 -0.70 0.00	41.88 -0.59 0.00	53.54 -2.17 0.00	62.17 -2.66 0.00	53.45 -1.77 0.00	40.80 -1.74 0.00	38.26 -1.06 0.00	35.45 -0.91 0.00	34.75 -1.37 0.00	35.11 -1.20 0.00	33.88 -1.34 0.00	34.25 -1.32 0.00	37.12 -1.35 0.00	42.96 -2.50 0.00	51.02 -2.63 0.00	62.54 -2.95 0.00	60.23 -1.48 0.00	51.95 -1.17 0.00	43.75 -0.98 0.00	42.67 -0.21 0.00
SENECA___ENERGY 23797	40.13 -0.12 0.00	38.77 -0.08 0.00	38.02 -0.15 0.00	38.13 0.00 0.00	38.94 -0.04 0.00	42.56 0.09 0.00	55.32 -0.39 0.00	64.63 -0.19 0.00	54.89 -0.33 0.00	42.16 -0.38 0.00	39.16 -0.16 0.00	36.14 -0.22 0.00	35.76 -0.36 0.00	36.06 -0.25 0.00	34.83 -0.39 0.00	35.25 -0.32 0.00	38.23 -0.23 0.00	45.00 -0.45 0.00	53.39 -0.27 0.00	65.62 0.13 0.00	61.84 0.12 0.00	53.27 0.16 0.00	44.65 -0.09 0.00	43.06 0.17 0.00
SHOEMAKER___GT 23640	41.38 1.13 0.00	39.77 0.93 0.00	39.08 0.91 0.00	38.96 0.84 0.00	39.87 0.90 0.00	43.54 1.06 0.00	57.61 1.90 0.00	66.96 2.14 0.00	56.87 1.66 0.00	44.03 1.49 0.00	40.50 1.18 0.00	37.49 1.13 0.00	37.20 1.08 0.00	37.40 1.09 0.00	36.31 1.09 0.00	36.78 1.21 0.00	39.96 1.50 0.00	47.36 1.91 0.00	55.90 2.25 0.00	68.11 2.62 0.00	64.19 2.47 0.00	55.08 1.97 0.00	46.39 1.66 0.00	44.22 1.33 0.00
SHOEMAKR_138KV_BK 111 55601	41.38 1.13 0.00	39.74 0.89 0.00	39.09 0.92 0.00	38.97 0.84 0.00	39.83 0.86 0.00	43.54 1.06 0.00	57.60 1.89 0.00	66.97 2.14 0.00	56.88 1.66 0.00	44.03 1.49 0.00	40.54 1.22 0.00	37.49 1.13 0.00	37.24 1.12 0.00	37.44 1.13 0.00	36.34 1.13 0.00	36.85 1.28 0.00	39.96 1.50 0.00	47.37 1.91 0.00	55.91 2.25 0.00	68.24 2.75 0.00	64.18 2.47 0.00	55.08 1.97 0.00	46.39 1.66 0.00	44.22 1.33 0.00
SHOREHAM_IC_1 23715	42.50 2.25 0.00	40.12 1.28 0.00	39.58 1.41 0.00	39.46 1.33 0.00	40.61 1.64 0.00	44.69 2.21 0.00	59.44 3.73 0.00	69.17 4.34 0.00	57.87 2.65 0.00	44.76 2.21 0.00	40.66 1.34 0.00	37.56 1.20 0.00	37.09 0.98 0.00	37.14 0.84 0.01	35.91 0.70 0.01	36.78 1.21 0.00	40.23 1.77 0.00	47.91 2.45 0.00	57.03 3.38 0.00	69.35 3.86 0.00	65.85 4.14 0.00	54.80 1.91 0.23	46.93 2.19 0.00	44.30 1.41 0.00
SHOREHAM_IC_2 23716	42.50 2.25 0.00	40.12 1.28 0.00	39.58 1.41 0.00	39.46 1.33 0.00	40.61 1.64 0.00	44.69 2.21 0.00	59.44 3.73 0.00	69.17 4.34 0.00	57.87 2.65 0.00	44.76 2.21 0.00	40.66 1.34 0.00	37.56 1.20 0.00	37.09 0.98 0.00	37.14 0.84 0.01	35.91 0.70 0.01	36.78 1.21 0.00	40.23 1.77 0.00	47.91 2.45 0.00	57.03 3.38 0.00	69.35 3.86 0.00	65.85 4.14 0.00	54.80 1.91 0.23	46.93 2.19 0.00	44.30 1.41 0.00
SISSONVILLE____ 23735	39.20 -1.05 0.00	37.95 -0.89 0.00	37.33 -0.84 0.00	37.33 -0.80 0.00	38.20 -0.78 0.00	41.80 -0.68 0.00	55.04 -0.67 0.00	63.66 -1.17 0.00	54.12 -1.10 0.00	41.52 -1.02 0.00	38.34 -0.98 0.00	35.30 -1.05 0.00	35.18 -0.94 0.00	35.29 -1.02 0.00	34.23 -0.99 0.00	34.18 -1.39 0.00	36.89 -1.58 0.00	43.77 -1.68 0.00	51.83 -1.82 0.00	63.52 -1.96 0.00	59.80 -1.91 0.00	51.47 -1.65 0.00	43.48 -1.25 0.00	41.94 -0.94 0.00
SITHE_IND_GS1 24169	39.25 -1.00 0.00	37.87 -0.97 0.00	37.22 -0.95 0.00	37.25 -0.88 0.00	38.00 -0.97 0.00	41.33 -1.14 0.00	53.87 -1.84 0.00	62.75 -2.08 0.00	53.40 -1.82 0.00	41.18 -1.36 0.00	38.22 -1.10 0.00	35.34 -1.02 0.00	35.11 -1.01 0.00	35.29 -1.02 0.00	34.23 -0.99 0.00	34.61 -0.96 0.00	37.35 -1.12 0.00	43.96 -1.50 0.00	51.99 -1.66 0.00	63.65 -1.83 0.00	59.92 -1.79 0.00	51.57 -1.54 0.00	43.39 -1.34 0.00	41.77 -1.12 0.00
SITHE_IND_GS2 24170	39.25 -1.00 0.00	37.87 -0.97 0.00	37.22 -0.95 0.00	37.25 -0.88 0.00	38.00 -0.97 0.00	41.33 -1.14 0.00	53.87 -1.84 0.00	62.75 -2.08 0.00	53.40 -1.82 0.00	41.18 -1.36 0.00	38.22 -1.10 0.00	35.34 -1.02 0.00	35.11 -1.01 0.00	35.29 -1.02 0.00	34.23 -0.99 0.00	34.61 -0.96 0.00	37.35 -1.12 0.00	43.96 -1.50 0.00	51.99 -1.66 0.00	63.65 -1.83 0.00	59.92 -1.79 0.00	51.57 -1.54 0.00	43.39 -1.34 0.00	41.77 -1.12 0.00
SITHE_IND_GS3 24171	39.25 -1.00 0.00	37.87 -0.97 0.00	37.22 -0.95 0.00	37.25 -0.88 0.00	38.00 -0.97 0.00	41.33 -1.14 0.00	53.87 -1.84 0.00	62.75 -2.08 0.00	53.40 -1.82 0.00	41.18 -1.36 0.00	38.22 -1.10 0.00	35.34 -1.02 0.00	35.11 -1.01 0.00	35.29 -1.02 0.00	34.23 -0.99 0.00	34.61 -0.96 0.00	37.35 -1.12 0.00	43.96 -1.50 0.00	51.99 -1.66 0.00	63.65 -1.83 0.00	59.92 -1.79 0.00	51.57 -1.54 0.00	43.39 -1.34 0.00	41.77 -1.12 0.00
SITHE_IND_GS4 24172	39.25 -1.00 0.00	37.87 -0.97 0.00	37.22 -0.95 0.00	37.25 -0.88 0.00	38.00 -0.97 0.00	41.33 -1.14 0.00	53.87 -1.84 0.00	62.75 -2.08 0.00	53.40 -1.82 0.00	41.18 -1.36 0.00	38.22 -1.10 0.00	35.34 -1.02 0.00	35.11 -1.01 0.00	35.29 -1.02 0.00	34.23 -0.99 0.00	34.61 -0.96 0.00	37.35 -1.12 0.00	43.96 -1.50 0.00	51.99 -1.66 0.00	63.65 -1.83 0.00	59.92 -1.79 0.00	51.57 -1.54 0.00	43.39 -1.34 0.00	41.77 -1.12 0.00

SITHE___BATAVIA 24024	39.89 -0.36 0.00	38.49 -0.35 0.00	37.71 -0.46 0.00	38.16 0.04 0.00	38.74 -0.23 0.00	42.39 -0.08 0.00	54.37 -1.34 0.00	63.59 -1.23 0.00	54.28 -0.94 0.00	41.27 -1.28 0.00	38.77 -0.55 0.00	35.78 -0.58 0.00	35.18 -0.94 0.00	35.51 -0.80 0.00	34.30 -0.92 0.00	34.68 -0.89 0.00	37.65 -0.81 0.00	43.78 -1.68 0.00	51.99 -1.66 0.00	65.16 -0.33 0.00	61.65 -0.06 0.00	53.12 0.00 0.00	44.42 -0.31 0.00	43.32 0.43 0.00
SITHE___INDEPEND 23800	39.24 -1.01 0.00	37.87 -0.97 0.00	37.21 -0.95 0.00	37.21 -0.92 0.00	38.00 -0.97 0.00	41.33 -1.15 0.00	53.87 -1.84 0.00	62.75 -2.07 0.00	53.40 -1.82 0.00	41.14 -1.40 0.00	38.22 -1.10 0.00	35.34 -1.02 0.00	35.11 -1.01 0.00	35.29 -1.02 0.00	34.23 -0.99 0.00	34.61 -0.96 0.00	37.35 -1.12 0.00	43.96 -1.50 0.00	51.99 -1.66 0.00	63.52 -1.96 0.00	59.93 -1.79 0.00	51.57 -1.54 0.00	43.39 -1.34 0.00	41.77 -1.12 0.00
SITHE___MASSENA 23902	40.21 -0.04 0.00	38.92 0.08 0.00	38.28 0.11 0.00	38.24 0.11 0.00	39.13 0.16 0.00	42.74 0.26 0.00	56.15 0.44 0.00	65.34 0.52 0.00	55.72 0.50 0.00	42.54 0.00 0.00	39.32 0.00 0.00	36.29 -0.07 0.00	36.12 0.00 0.00	36.28 -0.04 0.00	35.21 0.00 0.00	35.10 -0.46 0.00	37.89 -0.58 0.00	44.91 -0.54 0.00	52.95 -0.70 0.00	64.77 -0.72 0.00	61.04 -0.68 0.00	52.58 -0.53 0.00	44.47 -0.27 0.00	42.93 0.04 0.00
SITHE___OGDNSBRG 24021	40.41 0.16 0.00	39.12 0.27 0.00	38.51 0.34 0.00	38.51 0.38 0.00	39.37 0.39 0.00	43.12 0.64 0.00	56.77 1.06 0.00	65.86 1.04 0.00	55.94 0.72 0.00	42.67 0.13 0.00	39.36 0.04 0.00	36.18 -0.18 0.00	36.05 -0.07 0.00	36.17 -0.15 0.00	35.11 -0.11 0.00	35.03 -0.53 0.00	37.81 -0.65 0.00	44.96 -0.50 0.00	53.33 -0.32 0.00	65.49 0.00 0.00	61.65 -0.06 0.00	53.12 0.00 0.00	44.82 0.09 0.00	43.32 0.43 0.00
SITHE___STERLING 23777	41.34 1.09 0.00	39.89 1.05 0.00	39.16 0.99 0.00	39.19 1.07 0.00	40.07 1.09 0.00	43.80 1.32 0.00	57.44 1.73 0.00	67.03 2.21 0.00	56.93 1.71 0.00	43.65 1.10 0.00	40.30 0.98 0.00	37.16 0.80 0.00	36.91 0.79 0.00	37.15 0.84 0.00	35.95 0.74 0.00	36.49 0.92 0.00	39.54 1.08 0.00	46.64 1.18 0.00	55.42 1.77 0.00	68.04 2.55 0.00	64.06 2.34 0.00	55.08 1.97 0.00	46.21 1.47 0.00	44.35 1.46 0.00
SLEIGHT__34_KV_TB1 80719	39.61 -0.64 0.00	38.30 -0.54 0.00	37.52 -0.65 0.00	37.63 -0.50 0.00	38.39 -0.58 0.00	42.01 -0.47 0.00	54.54 -1.17 0.00	63.92 -0.91 0.00	54.34 -0.88 0.00	41.65 -0.89 0.00	38.89 -0.43 0.00	35.92 -0.44 0.00	35.54 -0.58 0.00	35.84 -0.47 0.00	34.62 -0.60 0.00	35.03 -0.53 0.00	37.96 -0.50 0.00	44.50 -0.95 0.00	52.63 -1.02 0.00	64.57 -0.92 0.00	61.34 -0.37 0.00	52.74 -0.37 0.00	44.24 -0.49 0.00	42.63 -0.26 0.00
SOUTH CAIRO___GT 23612	42.06 1.81 0.00	40.48 1.63 0.00	39.77 1.60 0.00	39.65 1.53 0.00	40.61 1.64 0.00	44.22 1.74 0.00	58.38 2.67 0.00	67.61 2.79 0.00	57.15 1.93 0.00	43.74 1.19 0.00	40.07 0.75 0.00	37.09 0.73 0.00	36.88 0.76 0.00	37.04 0.73 0.00	36.06 0.85 0.00	36.46 0.89 0.00	39.58 1.12 0.00	47.27 1.82 0.00	56.23 2.58 0.00	68.89 3.41 0.00	64.74 3.02 0.00	55.56 2.44 0.00	46.70 1.97 0.00	44.69 1.80 0.00
SOUTH HAMPTN___IC 23720	42.87 2.61 0.00	40.59 1.75 0.00	40.00 1.83 0.00	39.84 1.72 0.00	41.00 2.03 0.00	45.16 2.68 0.00	60.11 4.40 0.00	70.07 5.25 0.00	58.70 3.48 0.00	45.35 2.81 0.00	41.13 1.81 0.00	37.96 1.60 0.00	37.45 1.34 0.00	37.46 1.16 0.01	36.19 0.98 0.01	37.03 1.46 0.00	40.54 2.08 0.00	48.28 2.82 0.00	57.46 3.81 0.00	69.94 4.46 0.00	66.35 4.63 0.00	55.28 2.39 0.23	47.33 2.59 0.00	44.69 1.80 0.00
SOUTHDOW_115KV_TB1 355954	40.98 0.72 0.00	39.62 0.78 0.00	38.93 0.76 0.00	39.12 0.99 0.00	39.68 0.70 0.00	43.54 1.06 0.00	56.10 0.39 0.00	65.28 0.45 0.00	55.99 0.77 0.00	42.50 -0.04 0.00	39.64 0.31 0.00	36.58 0.22 0.00	35.79 -0.33 0.00	36.09 -0.22 0.00	34.69 -0.53 0.00	35.11 -0.46 0.00	38.04 -0.42 0.00	44.14 -1.32 0.00	52.69 -0.97 0.00	65.22 -0.26 0.00	62.76 1.05 0.00	54.07 0.96 0.00	45.63 0.89 0.00	44.39 1.50 0.00
SOUTHOLD_69_KV_BK 2 55809	43.19 2.94 0.00	41.02 2.18 0.00	40.23 2.06 0.00	40.11 1.98 0.00	41.35 2.38 0.00	45.67 3.19 0.00	60.84 5.13 0.00	70.98 6.16 0.00	59.42 4.20 0.00	45.91 3.36 0.00	41.92 2.60 0.00	38.21 1.85 0.00	37.60 1.48 0.00	37.58 1.27 0.00	36.34 1.13 0.00	37.28 1.71 0.00	40.65 2.19 0.00	48.37 2.91 0.00	58.11 4.45 0.00	71.18 5.70 0.00	66.65 4.94 0.00	55.49 2.60 0.23	47.42 2.68 0.00	44.90 2.02 0.00
SOUTHOLD___IC 23719	43.19 2.94 0.00	41.02 2.17 0.00	40.34 2.17 0.00	40.15 2.02 0.00	41.39 2.42 0.00	45.67 3.19 0.00	60.83 5.12 0.00	70.99 6.16 0.00	59.41 4.19 0.00	45.82 3.28 0.00	41.36 2.04 0.00	38.10 1.75 0.00	37.60 1.48 0.00	37.57 1.27 0.01	36.23 1.02 0.01	37.03 1.46 0.00	40.50 2.04 0.00	48.32 2.87 0.00	57.68 4.03 0.00	70.33 4.85 0.00	66.59 4.87 0.00	55.49 2.60 0.23	47.37 2.64 0.00	44.82 1.93 0.00
SOUTH_FORK_WT_PWR 323839	43.03 2.78 0.00	40.98 2.14 0.00	40.31 2.14 0.00	40.03 1.91 0.00	41.35 2.38 0.00	45.67 3.19 0.00	60.78 5.07 0.00	70.92 6.09 0.00	59.36 4.14 0.00	45.74 3.19 0.00	41.21 1.89 0.00	37.96 1.60 0.00	37.45 1.34 0.00	37.39 1.09 0.01	35.98 0.77 0.01	36.71 1.14 0.00	40.15 1.69 0.00	47.91 2.45 0.00	57.25 3.60 0.00	69.81 4.32 0.00	66.16 4.45 0.00	55.07 2.18 0.23	46.97 2.24 0.00	44.47 1.59 0.00
SPIERFLS_115KV_TB 1 80737	41.38 1.13 0.00	39.89 1.05 0.00	39.12 0.95 0.00	39.00 0.88 0.00	39.99 1.01 0.00	43.75 1.27 0.00	57.72 2.01 0.00	67.35 2.53 0.00	57.26 2.04 0.00	45.05 2.51 0.00	41.25 1.93 0.00	38.25 1.89 0.00	37.74 1.63 0.00	37.95 1.63 0.00	36.80 1.58 0.00	37.13 1.56 0.00	40.27 1.81 0.00	46.77 1.32 0.00	55.48 1.82 0.00	67.97 2.49 0.00	63.88 2.16 0.00	54.87 1.75 0.00	46.30 1.57 0.00	44.26 1.37 0.00
ST LAWRENCE____ 23600	39.85 -0.40 0.00	38.57 -0.27 0.00	37.94 -0.23 0.00	37.90 -0.23 0.00	38.74 -0.23 0.00	42.27 -0.21 0.00	55.54 -0.17 0.00	64.50 -0.32 0.00	55.11 -0.11 0.00	42.29 -0.25 0.00	39.05 -0.27 0.00	36.07 -0.29 0.00	35.87 -0.25 0.00	36.02 -0.29 0.00	34.97 -0.24 0.00	35.10 -0.46 0.00	37.89 -0.58 0.00	44.86 -0.59 0.00	52.85 -0.80 0.00	64.44 -1.05 0.00	60.73 -0.99 0.00	52.32 -0.80 0.00	44.24 -0.49 0.00	42.50 -0.39 0.00
STATE_CA_115KV_115_LB 55624	41.18 0.93 0.00	39.66 0.82 0.00	38.97 0.80 0.00	38.81 0.69 0.00	39.76 0.78 0.00	43.07 0.59 0.00	56.71 1.00 0.00	65.93 1.10 0.00	56.05 0.83 0.00	43.23 0.68 0.00	39.83 0.51 0.00	36.94 0.58 0.00	36.70 0.58 0.00	36.89 0.58 0.00	35.85 0.63 0.00	36.24 0.68 0.00	39.19 0.73 0.00	46.46 1.00 0.00	54.89 1.23 0.00	66.93 1.44 0.00	62.89 1.17 0.00	54.07 0.96 0.00	45.50 0.76 0.00	43.40 0.51 0.00

STATE_ST_34_KV_LOAD 55959	40.37 0.12 0.00	39.00 0.16 0.00	38.25 0.08 0.00	38.24 0.11 0.00	39.09 0.12 0.00	42.69 0.21 0.00	55.71 0.00 0.00	65.15 0.32 0.00	55.33 0.11 0.00	42.50 -0.04 0.00	39.44 0.12 0.00	36.47 0.11 0.00	36.12 0.00 0.00	36.38 0.07 0.00	35.21 0.00 0.00	35.64 0.07 0.00	38.62 0.15 0.00	45.46 0.00 0.00	53.87 0.21 0.00	66.01 0.52 0.00	62.33 0.62 0.00	53.59 0.48 0.00	45.00 0.27 0.00	43.23 0.34 0.00
STATION 5_MISC_HYD 23604	39.53 -0.72 0.00	38.15 -0.70 0.00	37.41 -0.76 0.00	37.71 -0.42 0.00	38.35 -0.63 0.00	41.88 -0.59 0.00	53.98 -1.73 0.00	63.01 -1.81 0.00	53.73 -1.49 0.00	41.14 -1.40 0.00	38.54 -0.79 0.00	35.63 -0.73 0.00	35.18 -0.94 0.00	35.44 -0.87 0.00	34.30 -0.92 0.00	34.64 -0.92 0.00	37.54 -0.92 0.00	43.82 -1.63 0.00	51.88 -1.77 0.00	64.37 -1.11 0.00	60.79 -0.92 0.00	52.42 -0.69 0.00	43.93 -0.80 0.00	42.63 -0.26 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.21 -0.04 0.00	38.88 0.04 0.00	38.09 -0.08 0.00	38.20 0.08 0.00	38.98 0.00 0.00	42.69 0.21 0.00	55.38 -0.33 0.00	64.96 0.13 0.00	55.16 -0.06 0.00	42.29 -0.26 0.00	39.44 0.12 0.00	36.39 0.04 0.00	36.01 -0.11 0.00	36.27 -0.04 0.00	35.07 -0.14 0.00	35.50 -0.07 0.00	38.46 0.00 0.00	45.14 -0.32 0.00	53.44 -0.21 0.00	65.62 0.13 0.00	62.27 0.56 0.00	53.65 0.53 0.00	44.96 0.22 0.00	43.27 0.39 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	39.33 -0.93 0.00	37.95 -0.89 0.00	37.21 -0.95 0.00	37.36 -0.76 0.00	38.12 -0.86 0.00	41.67 -0.81 0.00	53.76 -1.95 0.00	62.88 -1.94 0.00	53.62 -1.60 0.00	41.06 -1.49 0.00	38.46 -0.87 0.00	35.52 -0.84 0.00	35.11 -1.01 0.00	35.37 -0.94 0.00	34.19 -1.02 0.00	34.57 -1.00 0.00	37.46 -1.00 0.00	43.77 -1.68 0.00	51.77 -1.88 0.00	63.52 -1.96 0.00	60.60 -1.11 0.00	52.21 -0.90 0.00	43.84 -0.89 0.00	42.37 -0.51 0.00
STA_56___34_KV_BUS2 355983	39.33 -0.93 0.00	37.95 -0.89 0.00	37.21 -0.95 0.00	37.36 -0.76 0.00	38.12 -0.86 0.00	41.67 -0.81 0.00	53.76 -1.95 0.00	62.88 -1.94 0.00	53.62 -1.60 0.00	41.06 -1.49 0.00	38.46 -0.87 0.00	35.52 -0.84 0.00	35.11 -1.01 0.00	35.37 -0.94 0.00	34.19 -1.02 0.00	34.57 -1.00 0.00	37.46 -1.00 0.00	43.77 -1.68 0.00	51.77 -1.88 0.00	63.52 -1.96 0.00	60.60 -1.11 0.00	52.21 -0.90 0.00	43.84 -0.89 0.00	42.37 -0.51 0.00
STA_67___115KV_BK2 355882	39.41 -0.85 0.00	38.07 -0.78 0.00	37.29 -0.88 0.00	37.48 -0.65 0.00	38.20 -0.78 0.00	41.76 -0.72 0.00	53.82 -1.89 0.00	62.82 -2.01 0.00	53.62 -1.60 0.00	41.06 -1.49 0.00	38.46 -0.87 0.00	35.56 -0.80 0.00	35.07 -1.05 0.00	35.37 -0.94 0.00	34.19 -1.02 0.00	34.57 -1.00 0.00	37.46 -1.00 0.00	43.68 -1.77 0.00	51.72 -1.93 0.00	63.46 -2.03 0.00	60.60 -1.11 0.00	52.27 -0.85 0.00	43.89 -0.85 0.00	42.46 -0.43 0.00
STA_7___115KV_9TRANS 80674	39.65 -0.60 0.00	38.30 -0.54 0.00	37.52 -0.65 0.00	37.71 -0.42 0.00	38.43 -0.55 0.00	42.05 -0.42 0.00	54.21 -1.50 0.00	63.34 -1.49 0.00	54.06 -1.16 0.00	41.35 -1.19 0.00	38.77 -0.55 0.00	35.81 -0.55 0.00	35.36 -0.76 0.00	35.62 -0.69 0.00	34.47 -0.74 0.00	34.82 -0.75 0.00	37.77 -0.69 0.00	44.05 -1.41 0.00	52.15 -1.50 0.00	63.98 -1.51 0.00	61.22 -0.49 0.00	52.74 -0.37 0.00	44.20 -0.54 0.00	42.76 -0.13 0.00
STA_82___115KV_TB1 80780	39.41 -0.85 0.00	38.07 -0.78 0.00	37.33 -0.84 0.00	37.48 -0.65 0.00	38.20 -0.78 0.00	41.80 -0.68 0.00	53.87 -1.84 0.00	62.88 -1.94 0.00	53.62 -1.60 0.00	41.06 -1.49 0.00	38.46 -0.87 0.00	35.56 -0.80 0.00	35.11 -1.01 0.00	35.37 -0.94 0.00	34.19 -1.02 0.00	34.57 -1.00 0.00	37.46 -1.00 0.00	43.68 -1.77 0.00	51.72 -1.93 0.00	63.46 -2.03 0.00	60.67 -1.05 0.00	52.32 -0.80 0.00	43.89 -0.85 0.00	42.46 -0.43 0.00
STEEL___WIND 323596	39.45 -0.80 0.00	38.10 -0.74 0.00	37.37 -0.80 0.00	37.86 -0.27 0.00	38.35 -0.63 0.00	41.88 -0.59 0.00	53.48 -2.23 0.00	62.11 -2.72 0.00	53.40 -1.82 0.00	40.72 -1.83 0.00	38.18 -1.14 0.00	35.38 -0.98 0.00	34.67 -1.45 0.00	35.04 -1.27 0.00	33.80 -1.41 0.00	34.18 -1.39 0.00	37.04 -1.42 0.00	42.91 -2.54 0.00	50.92 -2.73 0.00	63.58 -1.90 0.00	60.17 -1.54 0.00	51.90 -1.22 0.00	43.57 -1.16 0.00	42.76 -0.13 0.00
STEPHTWN_115KV_BK_2 55603	41.46 1.21 0.00	39.93 1.09 0.00	39.20 1.03 0.00	39.08 0.95 0.00	39.99 1.01 0.00	43.37 0.89 0.00	57.21 1.50 0.00	66.51 1.69 0.00	56.49 1.27 0.00	43.52 0.98 0.00	39.99 0.67 0.00	37.12 0.76 0.00	36.84 0.72 0.00	37.04 0.73 0.00	35.99 0.77 0.00	36.39 0.82 0.00	39.39 0.92 0.00	46.73 1.27 0.00	55.26 1.61 0.00	67.38 1.90 0.00	63.32 1.60 0.00	54.50 1.38 0.00	45.81 1.07 0.00	43.70 0.81 0.00
STEUBEN_REC_LFGE 323667	40.73 0.48 0.00	39.43 0.58 0.00	38.67 0.50 0.00	38.81 0.69 0.00	39.60 0.62 0.00	43.50 1.02 0.00	56.21 0.50 0.00	65.41 0.58 0.00	55.27 0.06 0.00	42.03 -0.51 0.00	39.01 -0.31 0.00	35.78 -0.58 0.00	35.11 -1.01 0.00	35.44 -0.87 0.00	34.19 -1.02 0.00	34.54 -1.03 0.00	37.50 -0.96 0.00	44.00 -1.45 0.00	52.69 -0.97 0.00	65.03 -0.46 0.00	61.90 0.19 0.00	53.54 0.42 0.00	44.82 0.09 0.00	43.53 0.64 0.00
STILLWATER___SOLAR 323814	41.74 1.49 0.00	40.24 1.40 0.00	39.50 1.34 0.00	39.38 1.26 0.00	40.34 1.36 0.00	44.05 1.57 0.00	58.16 2.45 0.00	67.61 2.79 0.00	57.43 2.21 0.00	44.50 1.96 0.00	40.82 1.49 0.00	37.85 1.49 0.00	37.45 1.34 0.00	37.66 1.34 0.00	36.55 1.34 0.00	36.92 1.35 0.00	40.08 1.62 0.00	47.32 1.86 0.00	56.01 2.36 0.00	68.36 2.88 0.00	64.37 2.65 0.00	55.35 2.23 0.00	46.61 1.88 0.00	44.52 1.63 0.00
STONY___BROOK 24151	42.83 2.58 0.00	40.59 1.75 0.00	40.00 1.83 0.00	39.76 1.64 0.00	40.93 1.95 0.00	44.98 2.51 0.00	59.72 4.01 0.00	69.89 5.06 0.00	58.76 3.54 0.00	45.52 2.98 0.00	41.40 2.08 0.00	38.25 1.89 0.00	37.82 1.70 0.00	37.86 1.56 0.01	36.65 1.44 0.01	37.52 1.95 0.00	41.04 2.58 0.00	48.82 3.36 0.00	57.78 4.13 0.00	70.20 4.72 0.00	66.40 4.69 0.00	55.70 2.81 0.23	47.78 3.04 0.00	45.12 2.23 0.00
STURGEON_POOL_HYD 23609	41.74 1.49 0.00	40.09 1.24 0.00	39.39 1.22 0.00	39.27 1.14 0.00	40.15 1.17 0.00	43.92 1.44 0.00	58.27 2.56 0.00	67.68 2.85 0.00	57.48 2.26 0.00	44.46 1.91 0.00	40.93 1.61 0.00	37.81 1.45 0.00	37.56 1.44 0.00	37.76 1.45 0.00	36.69 1.48 0.00	37.24 1.67 0.00	40.42 1.96 0.00	48.00 2.55 0.00	56.60 2.95 0.00	69.09 3.60 0.00	64.99 3.27 0.00	55.72 2.60 0.00	46.93 2.19 0.00	44.65 1.76 0.00
ST_LAW_115_BK7_LBMP 345037	39.85 -0.40 0.00	38.53 -0.31 0.00	37.90 -0.27 0.00	37.86 -0.27 0.00	38.74 -0.23 0.00	42.27 -0.21 0.00	55.49 -0.22 0.00	64.50 -0.32 0.00	55.05 -0.17 0.00	42.25 -0.30 0.00	39.01 -0.32 0.00	36.03 -0.33 0.00	35.83 -0.29 0.00	35.98 -0.33 0.00	34.93 -0.28 0.00	35.07 -0.50 0.00	37.81 -0.65 0.00	44.78 -0.68 0.00	52.74 -0.91 0.00	64.37 -1.11 0.00	60.67 -1.05 0.00	52.26 -0.85 0.00	44.20 -0.53 0.00	42.50 -0.39 0.00

ST_LAW_115_BK8_LBMP 345038	39.85 -0.40 0.00	38.53 -0.31 0.00	37.90 -0.27 0.00	37.86 -0.27 0.00	38.74 -0.23 0.00	42.27 -0.21 0.00	55.49 -0.22 0.00	64.50 -0.32 0.00	55.05 -0.17 0.00	42.25 -0.30 0.00	39.01 -0.32 0.00	36.03 -0.33 0.00	35.83 -0.29 0.00	35.98 -0.33 0.00	34.93 -0.28 0.00	35.07 -0.50 0.00	37.81 -0.65 0.00	44.78 -0.68 0.00	52.74 -0.91 0.00	64.37 -1.11 0.00	60.67 -1.05 0.00	52.26 -0.85 0.00	44.20 -0.53 0.00	42.50 -0.39 0.00
ST_LAW_230_BK5_LBMP 345035	39.85 -0.40 0.00	38.57 -0.27 0.00	37.94 -0.23 0.00	37.90 -0.23 0.00	38.74 -0.23 0.00	42.27 -0.21 0.00	55.54 -0.17 0.00	64.50 -0.32 0.00	55.11 -0.11 0.00	42.29 -0.25 0.00	39.05 -0.27 0.00	36.07 -0.29 0.00	35.87 -0.25 0.00	36.02 -0.29 0.00	34.97 -0.24 0.00	35.10 -0.46 0.00	37.89 -0.58 0.00	44.86 -0.59 0.00	52.85 -0.80 0.00	64.44 -1.05 0.00	60.73 -0.99 0.00	52.32 -0.80 0.00	44.24 -0.49 0.00	42.50 -0.39 0.00
ST_LAW_230_BK6_LBMP 345036	39.85 -0.40 0.00	38.57 -0.27 0.00	37.94 -0.23 0.00	37.90 -0.23 0.00	38.74 -0.23 0.00	42.27 -0.21 0.00	55.54 -0.17 0.00	64.50 -0.32 0.00	55.11 -0.11 0.00	42.29 -0.25 0.00	39.05 -0.27 0.00	36.07 -0.29 0.00	35.87 -0.25 0.00	36.02 -0.29 0.00	34.97 -0.24 0.00	35.10 -0.46 0.00	37.89 -0.58 0.00	44.86 -0.59 0.00	52.85 -0.80 0.00	64.44 -1.05 0.00	60.73 -0.99 0.00	52.32 -0.80 0.00	44.24 -0.49 0.00	42.50 -0.39 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.50 1.25 0.00	39.85 1.01 0.00	39.16 0.99 0.00	39.04 0.92 0.00	39.91 0.94 0.00	43.63 1.15 0.00	57.88 2.17 0.00	67.35 2.53 0.00	57.21 1.99 0.00	44.29 1.74 0.00	40.74 1.42 0.00	37.67 1.31 0.00	37.42 1.30 0.00	37.62 1.31 0.00	36.52 1.30 0.00	37.03 1.46 0.00	40.19 1.73 0.00	47.64 2.18 0.00	56.23 2.58 0.00	68.63 3.14 0.00	64.55 2.84 0.00	55.35 2.23 0.00	46.61 1.88 0.00	44.34 1.46 0.00
SWANROAD_115KV_TB1 355699	38.00 -2.25 0.00	36.71 -2.14 0.00	36.03 -2.14 0.00	36.30 -1.83 0.00	36.91 -2.07 0.00	40.36 -2.12 0.00	51.36 -4.35 0.00	59.58 -5.25 0.00	51.19 -4.03 0.00	39.10 -3.45 0.00	36.80 -2.52 0.00	34.07 -2.29 0.00	33.44 -2.67 0.00	33.73 -2.58 0.00	32.57 -2.64 0.00	32.97 -2.60 0.00	35.73 -2.73 0.00	41.36 -4.09 0.00	49.04 -4.61 0.00	59.98 -5.50 0.00	57.89 -3.83 0.00	49.98 -3.13 0.00	42.05 -2.68 0.00	41.09 -1.80 0.00
SYNERGY___BIOGAS 323694	39.89 -0.36 0.00	38.49 -0.35 0.00	37.71 -0.46 0.00	38.16 0.04 0.00	38.74 -0.23 0.00	42.39 -0.08 0.00	54.37 -1.34 0.00	63.59 -1.23 0.00	54.28 -0.94 0.00	41.27 -1.28 0.00	38.77 -0.55 0.00	35.78 -0.58 0.00	35.18 -0.94 0.00	35.51 0.00 0.00	34.30 -0.92 0.00	34.68 -0.89 0.00	37.65 -0.81 0.00	43.78 -1.68 0.00	51.99 -1.66 0.00	65.16 -0.33 0.00	61.65 -0.06 0.00	53.12 0.00 0.00	44.42 -0.31 0.00	43.32 0.43 0.00
SYRACUSE___ENERGY_ST1 323597	40.29 0.04 0.00	38.92 0.08 0.00	38.17 0.00 0.00	38.16 0.04 0.00	38.98 0.00 0.00	42.52 0.04 0.00	55.43 -0.28 0.00	64.76 -0.06 0.00	55.05 -0.17 0.00	42.37 -0.17 0.00	39.32 0.00 0.00	36.36 0.00 0.00	36.08 -0.04 0.00	36.35 0.04 0.00	35.18 -0.04 0.00	35.57 0.00 0.00	38.50 0.04 0.00	45.32 -0.14 0.00	53.60 -0.05 0.00	65.62 0.13 0.00	61.90 0.19 0.00	53.27 0.16 0.00	44.74 0.00 0.00	43.02 0.13 0.00
SYRACUSE___ENERGY_ST2 323598	40.29 0.04 0.00	38.92 0.08 0.00	38.17 0.00 0.00	38.16 0.04 0.00	38.98 0.00 0.00	42.52 0.04 0.00	55.43 -0.28 0.00	64.76 -0.06 0.00	55.05 -0.17 0.00	42.37 -0.17 0.00	39.32 0.00 0.00	36.36 0.00 0.00	36.08 -0.04 0.00	36.35 0.04 0.00	35.18 -0.04 0.00	35.57 0.00 0.00	38.50 0.04 0.00	45.32 -0.14 0.00	53.60 -0.05 0.00	65.62 0.13 0.00	61.90 0.19 0.00	53.27 0.16 0.00	44.74 0.00 0.00	43.02 0.13 0.00
SYRACUSE___POWER 24017	40.21 -0.04 0.00	38.81 -0.04 0.00	38.09 -0.08 0.00	38.09 -0.04 0.00	38.90 -0.08 0.00	42.44 -0.04 0.00	55.38 -0.33 0.00	64.70 -0.13 0.00	55.00 -0.22 0.00	42.33 -0.21 0.00	39.28 -0.04 0.00	36.32 -0.04 0.00	36.05 -0.07 0.00	36.27 -0.04 0.00	35.14 -0.07 0.00	35.53 -0.04 0.00	38.42 -0.04 0.00	45.27 -0.18 0.00	53.60 -0.05 0.00	65.55 0.07 0.00	61.84 0.12 0.00	53.22 0.11 0.00	44.69 -0.04 0.00	42.93 0.04 0.00
TALLMAN___138KV_BK151 55660	41.62 1.37 0.00	39.93 1.09 0.00	39.28 1.11 0.00	39.12 0.99 0.00	39.99 1.01 0.00	43.80 1.32 0.00	58.16 2.45 0.00	67.74 2.92 0.00	57.54 2.32 0.00	44.59 2.04 0.00	41.01 1.69 0.00	37.92 1.56 0.00	37.63 1.52 0.00	37.84 1.53 0.00	36.73 1.51 0.00	37.28 1.71 0.00	40.42 1.96 0.00	47.96 2.50 0.00	56.50 2.84 0.00	68.96 3.47 0.00	64.86 3.15 0.00	55.61 2.50 0.00	46.84 2.10 0.00	44.52 1.63 0.00
TEALLAVE_115KV_TB7 355573	40.09 -0.16 0.00	38.69 -0.16 0.00	37.98 -0.19 0.00	37.97 -0.15 0.00	38.82 -0.16 0.00	42.31 -0.17 0.00	55.21 -0.50 0.00	64.44 -0.39 0.00	54.83 -0.39 0.00	42.20 -0.34 0.00	39.16 -0.16 0.00	36.25 -0.11 0.00	35.94 -0.18 0.00	36.20 -0.11 0.00	35.04 -0.18 0.00	35.46 -0.11 0.00	38.35 -0.12 0.00	45.14 -0.32 0.00	53.38 -0.27 0.00	65.29 -0.20 0.00	61.59 -0.12 0.00	53.01 -0.11 0.00	44.51 -0.22 0.00	42.80 -0.09 0.00
TELGRAPH_34_KV_EAST 80808	38.96 -1.29 0.00	37.64 -1.20 0.00	36.91 -1.26 0.00	37.17 -0.95 0.00	37.81 -1.17 0.00	41.42 -1.06 0.00	52.92 -2.79 0.00	61.65 -3.18 0.00	52.85 -2.37 0.00	40.29 -2.25 0.00	37.87 -1.45 0.00	35.01 -1.35 0.00	34.38 -1.73 0.00	34.71 -1.60 0.00	33.52 -1.69 0.00	33.90 -1.67 0.00	36.77 -1.69 0.00	42.64 -2.82 0.00	50.59 -3.06 0.00	62.08 -3.41 0.00	59.80 -1.91 0.00	51.57 -1.54 0.00	43.30 -1.43 0.00	42.20 -0.69 0.00
TEMPLE___115KV_TB 2 55572	40.09 -0.16 0.00	38.73 -0.12 0.00	37.98 -0.19 0.00	38.01 -0.11 0.00	38.82 -0.16 0.00	42.31 -0.17 0.00	55.21 -0.50 0.00	64.50 -0.32 0.00	54.83 -0.39 0.00	42.25 -0.30 0.00	39.20 -0.12 0.00	36.29 -0.07 0.00	35.97 -0.14 0.00	36.24 -0.07 0.00	35.07 -0.14 0.00	35.50 -0.07 0.00	38.35 -0.12 0.00	45.18 -0.27 0.00	53.38 -0.27 0.00	65.35 -0.13 0.00	61.65 -0.06 0.00	53.01 -0.11 0.00	44.56 -0.18 0.00	42.84 -0.04 0.00
TIANA____69_KV_BK 1 55817	42.83 2.58 0.00	40.51 1.67 0.00	39.81 1.64 0.00	39.73 1.60 0.00	40.89 1.91 0.00	45.07 2.59 0.00	59.94 4.23 0.00	69.95 5.12 0.00	58.59 3.37 0.00	45.35 2.81 0.00	41.60 2.28 0.00	37.99 1.64 0.00	37.45 1.34 0.00	37.47 1.16 0.00	36.31 1.09 0.00	37.35 1.78 0.00	40.69 2.23 0.00	48.37 2.91 0.00	57.89 4.24 0.00	70.79 5.30 0.00	66.34 4.63 0.00	55.28 2.39 0.23	47.37 2.64 0.00	44.82 1.93 0.00
TILDEN___115KV_TB1 80814	40.21 -0.04 0.00	38.81 -0.04 0.00	38.09 -0.08 0.00	38.09 -0.04 0.00	38.90 -0.08 0.00	42.44 -0.04 0.00	55.38 -0.33 0.00	64.70 -0.13 0.00	55.00 -0.22 0.00	42.33 -0.21 0.00	39.28 -0.04 0.00	36.32 -0.04 0.00	36.05 -0.07 0.00	36.27 -0.04 0.00	35.14 -0.07 0.00	35.53 -0.04 0.00	38.42 -0.04 0.00	45.27 -0.18 0.00	53.60 -0.05 0.00	65.55 0.07 0.00	61.84 0.12 0.00	53.22 0.11 0.00	44.69 -0.04 0.00	42.93 0.04 0.00

TRIGEN___CC 323695	42.34 2.09 0.00	40.40 1.55 0.00	39.70 1.53 0.00	39.50 1.37 0.00	40.50 1.52 0.00	44.43 1.95 0.00	58.94 3.23 0.00	68.91 4.08 0.00	58.31 3.09 0.00	45.35 2.81 0.00	41.64 2.32 0.00	38.39 2.04 0.00	37.96 1.84 0.00	38.09 1.78 0.00	36.97 1.76 0.00	37.77 2.21 0.00	41.12 2.65 0.00	48.68 3.23 0.00	57.35 3.70 0.00	70.00 4.52 0.00	65.73 4.01 0.00	55.87 2.82 0.06	47.60 2.86 0.00	45.07 2.19 0.00
TRINITY___115KV___4 BK 55933	41.06 0.81 0.00	39.54 0.70 0.00	38.86 0.69 0.00	38.70 0.57 0.00	39.64 0.66 0.00	42.95 0.47 0.00	56.55 0.84 0.00	65.67 0.84 0.00	55.72 0.50 0.00	43.01 0.47 0.00	39.64 0.31 0.00	36.76 0.40 0.00	36.55 0.43 0.00	36.71 0.40 0.00	35.67 0.46 0.00	36.07 0.50 0.00	39.08 0.62 0.00	46.32 0.86 0.00	54.73 1.07 0.00	66.66 1.18 0.00	62.64 0.93 0.00	53.91 0.80 0.00	45.32 0.58 0.00	43.27 0.39 0.00
UNION___PROCESSING_DRP 323587	39.41 -0.85 0.00	38.07 -0.78 0.00	37.33 -0.84 0.00	37.48 -0.65 0.00	38.24 -0.74 0.00	41.80 -0.68 0.00	53.87 -1.84 0.00	62.88 -1.94 0.00	53.62 -1.60 0.00	41.06 -1.49 0.00	38.46 -0.87 0.00	35.56 -0.80 0.00	35.11 -1.01 0.00	35.37 -0.94 0.00	34.19 -1.02 0.00	34.57 -1.00 0.00	37.46 -1.00 0.00	43.73 -1.73 0.00	51.77 -1.88 0.00	63.46 -2.03 0.00	60.67 -1.05 0.00	52.32 -0.80 0.00	43.89 -0.85 0.00	42.50 -0.39 0.00
UPPER HUDSON___HYD 24058	41.38 1.13 0.00	39.89 1.05 0.00	39.12 0.95 0.00	39.00 0.88 0.00	39.99 1.01 0.00	43.75 1.27 0.00	57.71 2.00 0.00	67.35 2.53 0.00	57.26 2.04 0.00	45.05 2.51 0.00	41.25 1.93 0.00	38.25 1.89 0.00	37.74 1.63 0.00	37.95 1.64 0.00	36.80 1.59 0.00	37.10 1.53 0.00	40.27 1.81 0.00	46.78 1.32 0.00	55.48 1.83 0.00	67.84 2.35 0.00	63.87 2.16 0.00	54.87 1.75 0.00	46.30 1.56 0.00	44.26 1.37 0.00
UPPER RAQUET___HYD 24056	39.20 -1.05 0.00	37.95 -0.89 0.00	37.33 -0.84 0.00	37.32 -0.80 0.00	38.20 -0.78 0.00	41.80 -0.68 0.00	55.04 -0.67 0.00	63.66 -1.16 0.00	54.17 -1.05 0.00	41.52 -1.02 0.00	38.34 -0.98 0.00	35.30 -1.06 0.00	35.18 -0.94 0.00	35.29 -1.02 0.00	34.23 -0.99 0.00	34.18 -1.39 0.00	36.88 -1.58 0.00	43.78 -1.68 0.00	51.83 -1.82 0.00	63.46 -2.03 0.00	59.80 -1.91 0.00	51.47 -1.65 0.00	43.53 -1.21 0.00	41.94 -0.94 0.00
VALLEY44_115KV_TB2 355964	39.81 -0.44 0.00	38.49 -0.35 0.00	37.86 -0.31 0.00	38.05 -0.08 0.00	38.70 -0.27 0.00	42.39 -0.08 0.00	54.65 -1.06 0.00	63.27 -1.56 0.00	54.06 -1.16 0.00	41.27 -1.28 0.00	38.46 -0.87 0.00	35.56 -0.80 0.00	34.93 -1.19 0.00	35.26 -1.05 0.00	33.98 -1.23 0.00	34.36 -1.21 0.00	37.27 -1.19 0.00	43.41 -2.05 0.00	51.61 -2.04 0.00	63.52 -1.96 0.00	60.85 -0.86 0.00	52.37 -0.74 0.00	44.06 -0.67 0.00	43.02 0.13 0.00
VALLEY___115KV_TB 1-4 80826	40.98 0.72 0.00	39.54 0.70 0.00	38.82 0.65 0.00	38.81 0.69 0.00	39.68 0.70 0.00	43.29 0.81 0.00	56.82 1.11 0.00	66.19 1.36 0.00	56.27 1.05 0.00	43.27 0.72 0.00	39.87 0.55 0.00	36.79 0.44 0.00	36.51 0.40 0.00	36.64 0.33 0.00	35.43 0.21 0.00	35.82 0.25 0.00	38.73 0.27 0.00	45.73 0.27 0.00	54.13 0.48 0.00	66.21 0.72 0.00	62.39 0.68 0.00	53.70 0.58 0.00	45.18 0.45 0.00	43.27 0.39 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.18 1.93 0.00	40.71 1.86 0.00	39.96 1.79 0.00	39.96 1.83 0.00	40.81 1.83 0.00	44.65 2.17 0.00	58.72 3.01 0.00	68.52 3.70 0.00	58.42 3.20 0.00	44.88 2.34 0.00	41.29 1.97 0.00	38.07 1.71 0.00	37.85 1.73 0.00	38.09 1.78 0.00	36.87 1.66 0.00	37.38 1.81 0.00	40.50 2.04 0.00	47.82 2.36 0.00	56.66 3.00 0.00	69.28 3.80 0.00	65.29 3.58 0.00	56.25 3.13 0.00	47.24 2.51 0.00	45.25 2.36 0.00
VISCHER___FERRY HYD 24020	41.42 1.17 0.00	39.89 1.05 0.00	39.20 1.03 0.00	39.04 0.91 0.00	39.99 1.01 0.00	43.63 1.15 0.00	57.66 1.95 0.00	66.84 2.01 0.00	56.82 1.60 0.00	43.95 1.40 0.00	40.42 1.10 0.00	37.41 1.06 0.00	37.09 0.98 0.00	37.29 0.98 0.00	36.24 1.02 0.00	36.67 1.10 0.00	39.77 1.31 0.00	47.14 1.68 0.00	55.69 2.04 0.00	67.71 2.23 0.00	63.81 2.10 0.00	54.87 1.75 0.00	46.17 1.43 0.00	43.96 1.07 0.00
V_A_10_SYNC_DSASP 323832	38.68 -1.57 0.00	37.33 -1.52 0.00	36.60 -1.57 0.00	37.02 -1.11 0.00	37.58 -1.40 0.00	40.99 -1.49 0.00	52.37 -3.34 0.00	60.87 -3.96 0.00	52.18 -3.04 0.00	39.95 -2.60 0.00	37.47 -1.85 0.00	34.72 -1.64 0.00	34.17 -1.95 0.00	34.46 -1.85 0.00	33.31 -1.90 0.00	33.68 -1.89 0.00	36.50 -1.96 0.00	42.41 -3.05 0.00	50.22 -3.43 0.00	62.34 -3.14 0.00	59.00 -2.71 0.00	50.94 -2.18 0.00	42.72 -2.01 0.00	41.82 -1.07 0.00
V_CMM_10_SYNC_DSASP 323787	40.05 -0.20 0.00	38.77 -0.08 0.00	38.13 -0.04 0.00	38.09 -0.04 0.00	38.94 -0.04 0.00	42.52 0.04 0.00	55.82 0.11 0.00	64.89 0.06 0.00	55.39 0.17 0.00	42.46 -0.08 0.00	39.24 -0.08 0.00	36.21 -0.14 0.00	36.05 -0.07 0.00	36.20 -0.11 0.00	35.11 -0.11 0.00	35.25 -0.32 0.00	38.00 -0.46 0.00	45.00 -0.45 0.00	53.06 -0.59 0.00	64.77 -0.72 0.00	61.04 -0.68 0.00	52.58 -0.53 0.00	44.42 -0.31 0.00	42.72 -0.17 0.00
V_CMP_10_SYNC_DSASP 323788	40.01 -0.24 0.00	38.81 -0.04 0.00	38.25 0.08 0.00	38.24 0.11 0.00	39.21 0.24 0.00	42.95 0.47 0.00	56.60 0.89 0.00	64.96 0.13 0.00	56.10 0.88 0.00	42.76 0.21 0.00	39.48 0.16 0.00	36.36 0.00 0.00	36.23 0.11 0.00	36.38 0.07 0.00	35.25 0.04 0.00	35.28 -0.29 0.00	37.96 -0.50 0.00	45.05 -0.41 0.00	53.22 -0.43 0.00	64.04 -1.44 0.00	60.67 -1.05 0.00	52.75 -0.37 0.00	45.05 0.32 0.00	43.27 0.39 0.00
V_D_10_SYNC_DSASP 323841	40.21 -0.04 0.00	38.92 0.08 0.00	38.32 0.15 0.00	38.28 0.15 0.00	39.13 0.16 0.00	42.74 0.26 0.00	56.15 0.44 0.00	65.34 0.52 0.00	55.72 0.50 0.00	42.54 0.00 0.00	39.32 0.00 0.00	36.29 -0.07 0.00	36.12 0.00 0.00	36.28 -0.04 0.00	35.21 0.00 0.00	35.14 -0.43 0.00	37.89 -0.58 0.00	44.91 -0.54 0.00	53.01 -0.64 0.00	64.77 -0.72 0.00	61.10 -0.62 0.00	52.58 -0.53 0.00	44.47 -0.27 0.00	42.93 0.04 0.00
V_E_10_SYNC_DSASP 323830	43.55 3.30 0.00	42.11 3.26 0.00	41.26 3.09 0.00	41.48 3.36 0.00	42.37 3.39 0.00	46.52 4.04 0.00	61.06 5.35 0.00	71.50 6.68 0.00	60.47 5.25 0.00	45.82 3.28 0.00	41.96 2.63 0.00	38.47 2.11 0.00	38.18 2.06 0.00	38.34 2.03 0.00	36.97 1.76 0.00	37.74 2.17 0.00	41.04 2.58 0.00	48.46 3.00 0.00	58.00 4.34 0.00	71.91 6.42 0.00	67.64 5.93 0.00	58.16 5.05 0.00	48.67 3.94 0.00	46.83 3.94 0.00
V_F_30_NSYNC___DSASP 323816	41.82 1.57 0.00	40.32 1.48 0.00	39.58 1.41 0.00	39.46 1.33 0.00	40.38 1.40 0.00	44.13 1.66 0.00	58.22 2.51 0.00	67.75 2.92 0.00	57.54 2.32 0.00	44.59 2.04 0.00	40.93 1.61 0.00	37.92 1.56 0.00	37.52 1.41 0.00	37.73 1.41 0.00	36.62 1.41 0.00	36.99 1.42 0.00	40.12 1.65 0.00	47.36 1.91 0.00	56.12 2.47 0.00	68.50 3.01 0.00	64.49 2.78 0.00	55.45 2.33 0.00	46.66 1.92 0.00	44.60 1.72 0.00

V_F_30_SYNC_DSASP 323786	41.18 0.93 0.00	39.66 0.82 0.00	38.93 0.76 0.00	38.81 0.69 0.00	39.76 0.78 0.00	43.07 0.59 0.00	56.71 1.00 0.00	65.93 1.10 0.00	56.05 0.83 0.00	43.23 0.68 0.00	39.79 0.47 0.00	36.94 0.58 0.00	36.70 0.58 0.00	36.89 0.58 0.00	35.81 0.60 0.00	36.24 0.68 0.00	39.19 0.73 0.00	46.46 1.00 0.00	54.89 1.23 0.00	66.93 1.44 0.00	62.89 1.17 0.00	54.07 0.96 0.00	45.50 0.76 0.00	43.40 0.51 0.00
V_XM_10_SYNC_DSASP 323789	40.01 -0.24 0.00	38.81 -0.04 0.00	38.25 0.08 0.00	38.24 0.11 0.00	39.21 0.24 0.00	42.95 0.47 0.00	56.60 0.89 0.00	64.96 0.13 0.00	56.10 0.88 0.00	42.76 0.21 0.00	39.48 0.16 0.00	36.36 0.00 0.00	36.23 0.11 0.00	36.38 0.07 0.00	35.25 0.04 0.00	35.28 -0.29 0.00	37.96 -0.50 0.00	45.05 -0.41 0.00	53.22 -0.43 0.00	64.04 -1.44 0.00	60.67 -1.05 0.00	52.75 -0.37 0.00	45.05 0.32 0.00	43.27 0.39 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.74 1.49 0.00	40.05 1.20 0.00	39.39 1.22 0.00	39.23 1.11 0.00	40.11 1.13 0.00	44.09 1.61 0.00	58.55 2.84 0.00	68.26 3.44 0.00	57.93 2.71 0.00	44.88 2.34 0.00	41.29 1.97 0.00	38.18 1.82 0.00	37.89 1.77 0.00	38.09 1.78 0.00	37.01 1.80 0.00	37.52 1.96 0.00	40.58 2.12 0.00	48.09 2.64 0.00	56.71 3.06 0.00	69.22 3.73 0.00	65.11 3.39 0.00	55.77 2.66 0.00	47.02 2.28 0.00	44.65 1.76 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.14 1.89 0.00	40.40 1.55 0.00	39.73 1.56 0.00	39.54 1.41 0.00	40.38 1.40 0.00	44.22 1.74 0.00	59.00 3.29 0.00	68.91 4.08 0.00	58.48 3.26 0.00	45.40 2.85 0.00	41.80 2.48 0.00	38.61 2.25 0.00	38.25 2.13 0.00	38.49 2.18 0.00	37.36 2.15 0.00	37.95 2.38 0.00	41.19 2.73 0.00	48.82 3.36 0.00	57.46 3.81 0.00	70.07 4.58 0.00	65.91 4.20 0.00	56.46 3.35 0.00	47.60 2.86 0.00	45.16 2.27 0.00
W50THST__13_KV_LOAD 356117	42.34 2.09 0.00	40.55 1.71 0.00	39.89 1.72 0.00	39.73 1.60 0.00	40.54 1.56 0.00	44.43 1.95 0.00	59.33 3.62 0.00	69.30 4.47 0.00	58.81 3.59 0.00	45.74 3.19 0.00	42.07 2.75 0.00	38.87 2.51 0.00	38.50 2.38 0.00	38.78 2.47 0.00	37.64 2.43 0.00	38.24 2.67 0.00	41.54 3.08 0.00	49.18 3.73 0.00	57.78 4.13 0.00	70.46 4.98 0.00	66.28 4.57 0.00	56.78 3.66 0.00	47.78 3.04 0.00	45.33 2.44 0.00
WADING RIVER_IC_1 23522	42.50 2.25 0.00	40.17 1.32 0.00	39.58 1.41 0.00	39.50 1.37 0.00	40.61 1.64 0.00	44.69 2.21 0.00	59.39 3.68 0.00	69.17 4.34 0.00	57.92 2.71 0.00	44.84 2.30 0.00	40.73 1.41 0.00	37.67 1.31 0.00	37.20 1.08 0.00	37.25 0.94 0.01	36.02 0.81 0.01	36.85 1.28 0.00	40.31 1.85 0.00	48.00 2.54 0.00	57.03 3.38 0.00	69.35 3.86 0.00	65.85 4.14 0.00	54.85 1.97 0.23	47.02 2.28 0.00	44.39 1.50 0.00
WADING RIVER_IC_2 23547	42.50 2.25 0.00	40.17 1.32 0.00	39.58 1.41 0.00	39.50 1.37 0.00	40.61 1.64 0.00	44.69 2.21 0.00	59.39 3.68 0.00	69.17 4.34 0.00	57.92 2.71 0.00	44.84 2.30 0.00	40.73 1.41 0.00	37.67 1.31 0.00	37.20 1.08 0.00	37.25 0.94 0.01	36.02 0.81 0.01	36.85 1.28 0.00	40.31 1.85 0.00	48.00 2.54 0.00	57.03 3.38 0.00	69.35 3.86 0.00	65.85 4.14 0.00	54.85 1.97 0.23	47.02 2.28 0.00	44.39 1.50 0.00
WADING RIVER_IC_3 23601	42.50 2.25 0.00	40.17 1.32 0.00	39.58 1.41 0.00	39.50 1.37 0.00	40.61 1.64 0.00	44.69 2.21 0.00	59.39 3.68 0.00	69.17 4.34 0.00	57.92 2.71 0.00	44.84 2.30 0.00	40.73 1.41 0.00	37.67 1.31 0.00	37.20 1.08 0.00	37.25 0.94 0.01	36.02 0.81 0.01	36.85 1.28 0.00	40.31 1.85 0.00	48.00 2.54 0.00	57.03 3.38 0.00	69.35 3.86 0.00	65.85 4.14 0.00	54.85 1.97 0.23	47.02 2.28 0.00	44.39 1.50 0.00
WALDENNY_12_KV_BK2 80841	39.33 -0.93 0.00	37.99 -0.85 0.00	37.33 -0.84 0.00	37.55 -0.57 0.00	38.16 -0.82 0.00	41.80 -0.68 0.00	53.43 -2.28 0.00	62.04 -2.79 0.00	53.34 -1.88 0.00	40.72 -1.83 0.00	38.22 -1.10 0.00	35.41 -0.95 0.00	34.71 -1.41 0.00	35.08 -1.23 0.00	33.84 -1.37 0.00	34.22 -1.35 0.00	37.08 -1.38 0.00	42.91 -2.55 0.00	50.92 -2.74 0.00	62.47 -3.01 0.00	60.17 -1.54 0.00	51.89 -1.22 0.00	43.66 -1.07 0.00	42.59 -0.30 0.00
WALDEN__HYDRO 24148	41.74 1.49 0.00	40.09 1.24 0.00	39.39 1.22 0.00	39.27 1.14 0.00	40.15 1.17 0.00	43.92 1.44 0.00	58.27 2.56 0.00	67.81 2.98 0.00	57.54 2.32 0.00	44.50 1.96 0.00	40.93 1.61 0.00	37.85 1.49 0.00	37.60 1.48 0.00	37.76 1.45 0.00	36.69 1.48 0.00	37.24 1.67 0.00	40.42 1.96 0.00	47.96 2.50 0.00	56.66 3.00 0.00	69.22 3.73 0.00	65.05 3.33 0.00	55.72 2.60 0.00	46.93 2.19 0.00	44.69 1.80 0.00
WARRENSBURG____ 23737	41.38 1.13 0.00	39.89 1.05 0.00	39.12 0.95 0.00	39.00 0.88 0.00	39.99 1.01 0.00	43.75 1.27 0.00	57.72 2.01 0.00	67.35 2.53 0.00	57.26 2.04 0.00	45.05 2.51 0.00	41.25 1.93 0.00	38.25 1.89 0.00	37.74 1.63 0.00	37.95 1.63 0.00	36.80 1.58 0.00	37.13 1.56 0.00	40.27 1.81 0.00	46.77 1.32 0.00	55.48 1.82 0.00	67.97 2.49 0.00	63.88 2.16 0.00	54.87 1.75 0.00	46.30 1.57 0.00	44.26 1.37 0.00
WATERSIDE____6 8 9 23538	41.03 2.09 1.32	38.68 1.75 1.91	37.81 1.76 2.12	37.72 1.64 2.04	38.70 1.64 1.91	43.38 2.00 1.10	59.23 3.51 -0.01	69.11 4.28 -0.01	58.65 3.42 -0.01	53.20 2.94 -7.72	48.72 2.56 -6.84	51.54 2.36 -12.82	38.40 2.28 -0.01	51.53 2.29 -12.93	47.60 2.25 -10.14	49.37 2.49 -11.31	52.11 2.85 -10.80	55.95 3.45 -7.04	57.63 3.97 -0.01	70.34 4.85 -0.01	65.53 4.44 0.63	56.73 3.61 -0.01	47.79 3.04 -0.01	44.11 2.44 1.23
WATKINRD_115KV_LN8_ILLION 55919	40.81 0.56 0.00	39.35 0.50 0.00	38.67 0.50 0.00	38.62 0.50 0.00	39.48 0.51 0.00	43.07 0.59 0.00	56.60 0.89 0.00	65.86 1.04 0.00	56.05 0.83 0.00	43.10 0.55 0.00	39.75 0.43 0.00	36.72 0.36 0.00	36.44 0.33 0.00	36.60 0.29 0.00	35.43 0.21 0.00	35.82 0.25 0.00	38.77 0.31 0.00	45.77 0.32 0.00	54.19 0.54 0.00	66.21 0.72 0.00	62.39 0.68 0.00	53.70 0.58 0.00	45.18 0.45 0.00	43.27 0.39 0.00
WATSON____69_KV_BK 1 55734	43.07 2.82 0.00	40.86 2.02 0.00	40.15 1.98 0.00	39.99 1.87 0.00	41.08 2.10 0.00	45.24 2.76 0.00	60.17 4.46 0.00	70.34 5.51 0.00	59.20 3.98 0.00	45.91 3.36 0.00	42.07 2.75 0.00	38.61 2.25 0.00	38.07 1.95 0.00	38.13 1.82 0.00	36.97 1.76 0.00	38.02 2.45 0.00	41.46 3.00 0.00	49.18 3.73 0.00	58.37 4.72 0.00	71.31 5.83 0.00	66.90 5.18 0.00	56.19 3.29 0.22	48.13 3.40 0.00	45.55 2.66 0.00
WDELAWARE__HYD 323627	41.82 1.57 0.00	40.17 1.32 0.00	39.54 1.37 0.00	39.42 1.30 0.00	40.34 1.36 0.00	44.18 1.70 0.00	58.55 2.84 0.00	68.00 3.18 0.00	57.82 2.60 0.00	44.54 2.00 0.00	40.90 1.57 0.00	37.81 1.46 0.00	37.52 1.41 0.00	37.73 1.41 0.00	36.62 1.41 0.00	37.13 1.56 0.00	40.38 1.92 0.00	48.05 2.59 0.00	56.76 3.11 0.00	69.41 3.93 0.00	65.29 3.58 0.00	55.93 2.81 0.00	47.15 2.41 0.00	44.99 2.10 0.00

WEST BABYLON___IC 23714	42.95 2.70 0.00	40.79 1.94 0.00	40.12 1.95 0.00	39.92 1.79 0.00	40.96 1.99 0.00	45.07 2.59 0.00	59.89 4.18 0.00	70.08 5.25 0.00	59.03 3.81 0.00	45.82 3.28 0.00	42.03 2.71 0.00	38.61 2.25 0.00	38.10 1.99 0.00	38.16 1.85 0.00	37.04 1.83 0.00	38.02 2.45 0.00	41.46 3.00 0.00	49.14 3.68 0.00	58.16 4.51 0.00	71.05 5.57 0.00	66.65 4.94 0.00	56.15 3.24 0.20	48.09 3.36 0.00	45.50 2.62 0.00
WEST CANADA___HYD 24049	40.45 0.20 0.00	39.00 0.16 0.00	38.32 0.15 0.00	38.28 0.15 0.00	39.13 0.16 0.00	42.65 0.17 0.00	55.99 0.28 0.00	65.15 0.33 0.00	55.50 0.28 0.00	42.76 0.21 0.00	39.48 0.16 0.00	36.50 0.15 0.00	36.23 0.11 0.00	36.42 0.11 0.00	35.32 0.11 0.00	35.75 0.18 0.00	38.66 0.19 0.00	45.68 0.23 0.00	53.98 0.32 0.00	65.88 0.40 0.00	62.09 0.37 0.00	53.44 0.32 0.00	44.96 0.22 0.00	43.06 0.17 0.00
WESTERN_NY_WIND 24143	39.77 -0.48 0.00	38.42 -0.43 0.00	37.67 -0.50 0.00	37.94 -0.19 0.00	38.59 -0.39 0.00	42.35 -0.13 0.00	54.32 -1.39 0.00	63.46 -1.36 0.00	54.17 -1.05 0.00	41.23 -1.32 0.00	38.73 -0.59 0.00	35.74 -0.62 0.00	35.14 -0.98 0.00	35.48 -0.84 0.00	34.26 -0.95 0.00	34.64 -0.92 0.00	37.62 -0.85 0.00	43.73 -1.73 0.00	51.94 -1.72 0.00	63.98 -1.51 0.00	61.53 -0.19 0.00	53.01 -0.11 0.00	44.47 -0.27 0.00	43.14 0.26 0.00
WESTOVER___LESR 323668	40.57 0.32 0.00	39.19 0.35 0.00	38.44 0.27 0.00	38.51 0.38 0.00	39.33 0.35 0.00	42.95 0.47 0.00	56.04 0.33 0.00	65.28 0.45 0.00	55.50 0.28 0.00	42.63 0.09 0.00	39.48 0.16 0.00	36.50 0.15 0.00	36.15 0.04 0.00	36.42 0.11 0.00	35.21 0.00 0.00	35.64 0.07 0.00	38.62 0.15 0.00	45.50 0.05 0.00	53.87 0.21 0.00	65.94 0.46 0.00	62.39 0.68 0.00	53.70 0.58 0.00	45.09 0.36 0.00	43.44 0.56 0.00
WETHRSFD_WT_PWR 323626	39.28 -0.97 0.00	37.95 -0.89 0.00	37.22 -0.95 0.00	37.59 -0.53 0.00	38.20 -0.78 0.00	41.72 -0.76 0.00	53.59 -2.12 0.00	62.17 -2.66 0.00	52.85 -2.37 0.00	40.29 -2.26 0.00	37.55 -1.77 0.00	34.47 -1.89 0.00	33.81 -2.31 0.00	34.10 -2.22 0.00	32.93 -2.29 0.00	33.29 -2.28 0.00	36.16 -2.31 0.00	42.32 -3.14 0.00	50.65 -3.00 0.00	63.06 -2.42 0.00	59.62 -2.10 0.00	51.52 -1.59 0.00	43.21 -1.52 0.00	42.29 -0.60 0.00
WHAVSTOR_138KV_BK127 55557	41.62 1.37 0.00	39.97 1.13 0.00	39.31 1.15 0.00	39.16 1.03 0.00	40.03 1.05 0.00	43.80 1.32 0.00	58.16 2.45 0.00	67.74 2.92 0.00	57.54 2.32 0.00	44.59 2.04 0.00	41.01 1.69 0.00	37.92 1.56 0.00	37.63 1.52 0.00	37.84 1.53 0.00	36.73 1.51 0.00	37.28 1.71 0.00	40.46 2.00 0.00	47.96 2.50 0.00	56.55 2.90 0.00	68.96 3.47 0.00	64.86 3.15 0.00	55.61 2.50 0.00	46.84 2.10 0.00	44.52 1.63 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.62 1.37 0.00	39.97 1.13 0.00	39.31 1.15 0.00	39.16 1.03 0.00	40.03 1.05 0.00	43.80 1.32 0.00	58.16 2.45 0.00	67.74 2.92 0.00	57.54 2.32 0.00	44.59 2.04 0.00	41.01 1.69 0.00	37.92 1.56 0.00	37.63 1.52 0.00	37.84 1.53 0.00	36.73 1.51 0.00	37.28 1.71 0.00	40.46 2.00 0.00	47.96 2.50 0.00	56.55 2.90 0.00	68.96 3.47 0.00	64.86 3.15 0.00	55.61 2.50 0.00	46.84 2.10 0.00	44.52 1.63 0.00
WHITEHAL_115KV_TB1 80871	42.14 1.89 0.00	40.67 1.83 0.00	39.85 1.68 0.00	39.73 1.60 0.00	40.77 1.79 0.00	44.65 2.17 0.00	59.05 3.34 0.00	69.04 4.21 0.00	58.48 3.26 0.00	45.69 3.15 0.00	41.72 2.40 0.00	38.72 2.36 0.00	38.18 2.06 0.00	38.38 2.07 0.00	37.22 2.01 0.00	37.52 1.96 0.00	40.73 2.27 0.00	47.59 2.14 0.00	56.66 3.00 0.00	69.61 4.13 0.00	65.42 3.70 0.00	56.14 3.03 0.00	47.24 2.51 0.00	45.25 2.36 0.00
WHITEPLN_13_KV_LOAD 356215	42.26 2.01 0.00	40.55 1.71 0.00	39.85 1.68 0.00	39.69 1.56 0.00	40.58 1.60 0.00	44.39 1.91 0.00	59.11 3.40 0.00	69.04 4.21 0.00	58.81 3.59 0.00	45.57 3.02 0.00	41.92 2.60 0.00	38.76 2.40 0.00	38.43 2.31 0.00	38.56 2.25 0.00	37.43 2.22 0.00	38.02 2.45 0.00	41.31 2.85 0.00	48.96 3.50 0.00	57.73 4.08 0.00	70.40 4.91 0.00	66.28 4.57 0.00	56.78 3.66 0.00	47.82 3.09 0.00	45.16 2.27 0.00
WM_FLOYD_69_KV_BK2 356380	42.67 2.42 0.00	40.40 1.55 0.00	39.66 1.49 0.00	39.61 1.49 0.00	40.69 1.71 0.00	44.86 2.38 0.00	59.67 3.96 0.00	69.56 4.73 0.00	58.37 3.15 0.00	45.23 2.68 0.00	41.48 2.16 0.00	37.99 1.64 0.00	37.42 1.30 0.00	37.47 1.16 0.00	36.34 1.13 0.00	37.38 1.81 0.00	40.73 2.27 0.00	48.41 2.95 0.00	57.78 4.13 0.00	70.59 5.11 0.00	66.16 4.44 0.00	55.28 2.39 0.23	47.42 2.68 0.00	44.82 1.93 0.00
WOODARD___115KV_TB2 355635	40.01 -0.24 0.00	38.65 -0.19 0.00	37.90 -0.27 0.00	37.94 -0.19 0.00	38.74 -0.23 0.00	42.22 -0.25 0.00	55.10 -0.61 0.00	64.31 -0.52 0.00	54.72 -0.50 0.00	42.12 -0.43 0.00	39.09 -0.24 0.00	36.18 -0.18 0.00	35.90 -0.22 0.00	36.13 -0.18 0.00	35.00 -0.21 0.00	35.39 -0.18 0.00	38.27 -0.19 0.00	45.05 -0.41 0.00	53.28 -0.38 0.00	65.16 -0.33 0.00	61.47 -0.25 0.00	52.90 -0.21 0.00	44.47 -0.27 0.00	42.72 -0.17 0.00
YORK___WARBASSE 23770	54.96 2.42 -12.30	54.21 2.06 -13.30	54.95 2.06 -14.72	54.28 1.94 -14.21	54.21 1.95 -13.28	55.01 2.29 -10.24	59.67 3.96 -0.01	69.50 4.67 -0.01	61.70 3.75 -2.72	69.57 3.15 -23.87	67.26 2.71 -25.22	74.51 2.51 -35.65	58.12 2.38 -19.62	74.48 2.43 -35.74	71.41 2.39 -33.80	72.70 2.63 -34.50	73.38 3.04 -31.88	69.57 3.73 -20.39	98.37 4.29 -40.42	98.57 5.30 -27.78	98.38 4.88 -31.79	66.81 3.93 -9.77	60.58 3.27 -12.57	57.03 2.70 -11.44