

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/01/2025

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	43.29	40.77	38.66	38.63	39.06	40.26	47.93	55.46	56.34	45.32	41.27	40.13	38.32	38.23	37.98	38.95	47.04	63.41	74.54	68.48	61.23	54.49	51.71	46.69
24138	3.02	2.49	2.19	2.22	2.21	2.53	2.97	3.53	3.39	3.16	3.09	3.04	3.07	3.16	2.94	2.78	3.28	3.76	4.42	3.88	3.74	3.33	2.79	2.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.33	40.77	38.66	38.63	39.06	40.23	47.93	55.41	56.29	45.28	41.23	40.09	38.32	38.23	37.98	38.95	47.04	63.41	74.54	68.48	61.17	54.49	51.71	46.69
24260	3.06	2.49	2.19	2.22	2.21	2.49	2.97	3.48	3.34	3.12	3.05	3.00	3.07	3.16	2.94	2.78	3.28	3.76	4.42	3.88	3.68	3.33	2.79	2.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.33	40.77	38.66	38.63	39.06	40.23	47.93	55.41	56.29	45.28	41.23	40.09	38.32	38.23	37.98	38.95	47.04	63.41	74.54	68.48	61.17	54.49	51.71	46.69
24261	3.06	2.49	2.19	2.22	2.21	2.49	2.97	3.48	3.34	3.12	3.05	3.00	3.07	3.16	2.94	2.78	3.28	3.76	4.42	3.88	3.68	3.33	2.79	2.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.88	39.66	37.71	37.72	38.10	39.21	46.62	53.95	54.80	43.46	39.02	37.53	35.53	35.36	35.53	36.74	44.85	61.74	72.78	66.73	59.33	52.60	50.20	45.36
24011	1.61	1.38	1.24	1.31	1.25	1.47	1.66	2.03	1.85	1.31	0.84	0.45	0.28	0.28	0.49	0.58	1.09	2.09	2.66	2.13	1.84	1.43	1.27	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	41.96	39.74	37.78	37.82	38.22	39.28	46.67	54.06	54.85	43.51	39.97	38.42	36.41	36.16	36.33	37.61	45.03	61.92	73.06	66.92	59.50	52.85	50.39	45.49
23798	1.69	1.45	1.31	1.42	1.36	1.55	1.71	2.13	1.90	1.35	1.79	1.33	1.16	1.09	1.30	1.45	1.27	2.27	2.94	2.32	2.01	1.69	1.47	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.88	39.66	37.71	37.72	38.10	39.21	46.62	53.95	54.80	43.46	39.02	37.53	35.53	35.36	35.53	36.74	44.85	61.74	72.78	66.73	59.33	52.60	50.20	45.36
24028	1.61	1.38	1.24	1.31	1.25	1.47	1.66	2.03	1.85	1.31	0.84	0.45	0.28	0.28	0.49	0.58	1.09	2.09	2.66	2.13	1.84	1.43	1.27	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	41.96	39.62	37.75	37.75	38.07	39.13	46.71	54.16	55.12	43.51	38.98	37.65	35.81	35.53	35.84	37.14	45.16	61.92	72.01	66.09	58.64	52.03	49.22	44.25
23527	1.69	1.34	1.28	1.35	1.21	1.40	1.75	2.23	2.17	1.35	0.80	0.56	0.56	0.45	0.81	0.98	1.40	2.27	1.89	1.49	1.15	0.87	0.30	-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
AIR_PRODUCTS___DRP	41.40	39.20	37.35	37.28	37.66	38.68	46.04	53.28	54.22	43.13	38.90	37.64	35.74	35.64	35.70	36.89	44.59	60.84	71.38	65.57	58.35	51.73	49.27	44.56
24190	1.13	0.92	0.88	0.87	0.81	0.94	1.08	1.35	1.27	0.97	0.73	0.56	0.49	0.56	0.67	0.72	0.83	1.19	1.26	0.97	0.86	0.56	0.34	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.11	38.13	36.29	36.26	36.70	37.59	44.96	51.98	53.11	42.16	38.25	37.35	35.46	35.15	35.14	36.24	44.06	60.25	70.89	65.51	58.41	51.83	49.71	45.00
355683	-0.16	-0.15	-0.18	-0.15	-0.15	-0.15	0.00	0.05	0.16	0.00	0.08	0.26	0.21	0.07	0.11	0.07	0.31	0.60	0.77	0.90	0.92	0.67	0.78	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	41.88	39.66	37.75	37.75	38.14	39.17	46.62	53.90	54.75	43.38	39.09	37.76	35.89	35.71	35.81	37.03	45.03	61.61	72.36	66.48	59.10	52.60	50.10	45.27
323833	1.61	1.38	1.28	1.35	1.29	1.43	1.66	1.97	1.80	1.22	0.91	0.67	0.64	0.63	0.77	0.87	1.27	1.97	2.24	1.87	1.61	1.43	1.17	0.93
	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
ALBANY_2_SOLAR	41.88	39.66	37.75	37.75	38.14	39.13	46.62	53.85	54.75	43.38	39.09	37.76	35.89	35.67	35.81	37.03	45.03	61.56	72.36	66.48	59.10	52.60	50.10	45.27
323834	1.61	1.38	1.28	1.35	1.29	1.40	1.66	1.92	1.80	1.22	0.91	0.67	0.64	0.60	0.77	0.87	1.27	1.91	2.24	1.87	1.61	1.43	1.17	0.93
	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
ALBANY___1	41.40	39.20	37.35	37.28	37.66	38.68	46.04	53.28	54.22	43.13	38.90	37.64	35.74	35.64	35.70	36.89	44.59	60.84	71.38	65.57	58.35	51.73	49.27	44.56
23571	1.13	0.92	0.88	0.87	0.81	0.94	1.08	1.35	1.27	0.97	0.73	0.56	0.49	0.56	0.67	0.72	0.83	1.19	1.26	0.97	0.86	0.56	0.34	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.40 1.13 0.00	39.20 0.92 0.00	37.35 0.88 0.00	37.28 0.87 0.00	37.66 0.81 0.00	38.68 0.94 0.00	46.04 1.08 0.00	53.28 1.35 0.00	54.22 1.27 0.00	43.13 0.97 0.00	38.90 0.73 0.00	37.64 0.56 0.00	35.74 0.49 0.00	35.64 0.56 0.00	35.70 0.67 0.00	36.89 0.72 0.00	44.59 0.83 0.00	60.84 1.19 0.00	71.38 1.26 0.00	65.57 0.97 0.00	58.35 0.86 0.00	51.73 0.56 0.00	49.27 0.34 0.00	44.56 0.22 0.00
ALBANY___3 23573	41.40 1.13 0.00	39.20 0.92 0.00	37.35 0.88 0.00	37.28 0.87 0.00	37.66 0.81 0.00	38.68 0.94 0.00	46.04 1.08 0.00	53.28 1.35 0.00	54.22 1.27 0.00	43.13 0.97 0.00	38.90 0.73 0.00	37.64 0.56 0.00	35.74 0.49 0.00	35.64 0.56 0.00	35.70 0.67 0.00	36.89 0.72 0.00	44.59 0.83 0.00	60.84 1.19 0.00	71.38 1.26 0.00	65.57 0.97 0.00	58.35 0.86 0.00	51.73 0.56 0.00	49.27 0.34 0.00	44.56 0.22 0.00
ALBANY___4 23574	41.40 1.13 0.00	39.20 0.92 0.00	37.35 0.88 0.00	37.28 0.87 0.00	37.66 0.81 0.00	38.68 0.94 0.00	46.04 1.08 0.00	53.28 1.35 0.00	54.22 1.27 0.00	43.13 0.97 0.00	38.90 0.73 0.00	37.64 0.56 0.00	35.74 0.49 0.00	35.64 0.56 0.00	35.70 0.67 0.00	36.89 0.72 0.00	44.59 0.83 0.00	60.84 1.19 0.00	71.38 1.26 0.00	65.57 0.97 0.00	58.35 0.86 0.00	51.73 0.56 0.00	49.27 0.34 0.00	44.56 0.22 0.00
ALBANY___LFGE 323615	41.68 1.41 0.00	39.47 1.19 0.00	37.57 1.09 0.00	37.57 1.16 0.00	37.96 1.10 0.00	38.94 1.21 0.00	46.35 1.40 0.00	53.64 1.71 0.00	54.54 1.59 0.00	43.38 1.22 0.00	39.13 0.95 0.00	37.87 0.78 0.00	35.99 0.74 0.00	35.78 0.70 0.00	35.88 0.84 0.00	37.10 0.94 0.00	44.94 1.18 0.00	61.32 1.67 0.00	71.87 1.75 0.00	66.02 1.42 0.00	58.70 1.21 0.00	52.19 1.02 0.00	49.61 0.68 0.00	44.83 0.49 0.00
ALCOA_PA_115KV_PL-6C 55860	40.39 0.12 0.00	38.44 0.15 0.00	36.58 0.11 0.00	36.51 0.11 0.00	36.96 0.11 0.00	37.85 0.11 0.00	45.32 0.36 0.00	52.39 0.47 0.00	53.53 0.58 0.00	42.45 0.30 0.00	38.52 0.34 0.00	37.64 0.56 0.00	35.71 0.46 0.00	35.36 0.28 0.00	35.35 0.32 0.00	36.49 0.33 0.00	44.41 0.66 0.00	60.72 1.07 0.00	71.45 1.33 0.00	66.09 1.49 0.00	58.99 1.49 0.00	52.29 1.13 0.00	50.20 1.27 0.00	45.40 1.06 0.00
ALCOA_RYNLDS___DRP 24188	40.39 0.12 0.00	38.44 0.15 0.00	36.58 0.11 0.00	36.51 0.11 0.00	36.96 0.11 0.00	37.85 0.11 0.00	45.32 0.36 0.00	52.39 0.47 0.00	53.53 0.58 0.00	42.45 0.30 0.00	38.52 0.34 0.00	37.64 0.56 0.00	35.71 0.46 0.00	35.36 0.28 0.00	35.35 0.32 0.00	36.49 0.33 0.00	44.41 0.66 0.00	60.72 1.07 0.00	71.45 1.33 0.00	66.09 1.49 0.00	58.99 1.49 0.00	52.29 1.13 0.00	50.20 1.27 0.00	45.40 1.06 0.00
ALCOA___DSASP 323711	40.39 0.12 0.00	38.44 0.15 0.00	36.55 0.07 0.00	36.51 0.11 0.00	36.96 0.11 0.00	37.85 0.11 0.00	45.32 0.36 0.00	52.39 0.47 0.00	53.53 0.58 0.00	42.45 0.30 0.00	38.52 0.34 0.00	37.65 0.56 0.00	35.71 0.46 0.00	35.35 0.28 0.00	35.35 0.31 0.00	36.49 0.32 0.00	44.41 0.66 0.00	60.72 1.07 0.00	71.52 1.40 0.00	66.15 1.55 0.00	58.98 1.49 0.00	52.29 1.12 0.00	50.19 1.27 0.00	45.40 1.06 0.00
ALLEGHENY___COGEN 23514	39.35 -0.92 0.00	38.44 0.15 0.00	37.13 0.66 0.00	36.81 0.40 0.00	37.37 0.52 0.00	38.57 0.83 0.00	45.99 1.03 0.00	52.50 0.57 0.00	53.69 0.74 0.00	42.70 0.55 0.00	38.14 -0.04 0.00	36.68 -0.41 0.00	34.97 -0.28 0.00	34.83 -0.24 0.00	34.55 -0.49 0.00	35.95 -0.22 0.00	43.32 -0.44 0.00	59.77 0.12 0.00	71.59 1.47 0.00	66.09 1.49 0.00	58.24 0.75 0.00	52.34 1.18 0.00	50.98 2.05 0.00	46.68 2.35 0.00
ALTAMONT_115KV_TB 2 55880	41.40 1.13 0.00	39.20 0.92 0.00	37.31 0.84 0.00	37.28 0.87 0.00	37.66 0.81 0.00	38.68 0.94 0.00	46.08 1.12 0.00	53.28 1.35 0.00	54.22 1.27 0.00	43.17 1.01 0.00	38.98 0.80 0.00	37.79 0.70 0.00	35.92 0.67 0.00	35.78 0.70 0.00	35.81 0.77 0.00	36.96 0.80 0.00	44.67 0.92 0.00	60.90 1.25 0.00	71.45 1.33 0.00	65.70 1.10 0.00	58.47 0.98 0.00	51.93 0.77 0.00	49.51 0.59 0.00	44.74 0.40 0.00
ALTONA_WT_PWR 323606	39.14 -1.13 0.00	37.17 -1.11 0.00	35.38 -1.09 0.00	35.35 -1.06 0.00	35.82 -1.03 0.00	36.68 -1.06 0.00	43.97 -0.99 0.00	50.89 -1.04 0.00	52.00 -0.95 0.00	41.31 -0.84 0.00	37.49 -0.69 0.00	36.65 -0.44 0.00	34.79 -0.46 0.00	34.48 -0.60 0.00	34.48 -0.56 0.00	35.62 -0.54 0.00	43.49 -0.26 0.00	59.65 0.00 0.00	70.33 0.21 0.00	65.18 0.58 0.00	58.24 0.75 0.00	51.73 0.56 0.00	49.70 0.78 0.00	45.04 0.71 0.00
AMERICAN_REF_FUEL 24010	37.17 -3.10 0.00	36.71 -1.57 0.00	35.56 -0.91 0.00	35.28 -1.13 0.00	35.75 -1.10 0.00	36.94 -0.79 0.00	43.07 -1.89 0.00	48.34 -3.58 0.00	49.77 -3.18 0.00	40.39 -1.77 0.00	36.38 -1.79 0.00	35.20 -1.89 0.00	33.66 -1.59 0.00	33.57 -1.51 0.00	33.08 -1.96 0.00	34.25 -1.92 0.00	40.47 -3.28 0.00	54.70 -4.95 0.00	64.93 -5.19 0.00	59.95 -4.65 0.00	52.84 -4.65 0.00	47.79 -3.38 0.00	47.11 -1.81 0.00	44.12 -0.22 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.36 -3.91 0.00	35.91 -2.37 0.00	34.87 -1.60 0.00	34.73 -1.67 0.00	35.31 -1.55 0.00	36.57 -1.17 0.00	43.34 -1.62 0.00	49.17 -2.75 0.00	50.78 -2.17 0.00	41.19 -0.97 0.00	37.07 -1.11 0.00	35.79 -1.30 0.00	34.19 -1.06 0.00	34.09 -0.98 0.00	33.53 -1.51 0.00	34.79 -1.37 0.00	41.35 -2.41 0.00	56.43 -3.22 0.00	67.66 -2.46 0.00	62.47 -2.13 0.00	55.02 -2.47 0.00	49.73 -1.43 0.00	49.07 0.15 0.00	45.14 0.80 0.00
ARTHUR KILL_GT_1 23520	43.97 3.70 0.00	41.38 3.10 0.00	39.21 2.74 0.00	39.21 2.80 0.00	39.62 2.76 0.00	40.72 2.98 0.00	48.24 3.28 0.00	55.51 3.58 0.00	56.18 3.23 0.00	45.19 3.04 0.00	41.19 3.02 0.00	40.13 3.04 0.00	38.39 3.14 0.00	38.30 3.23 0.00	38.09 3.05 0.00	39.02 2.86 0.00	47.17 3.41 0.00	63.53 3.88 0.01	74.95 4.84 0.01	68.86 4.26 0.01	61.40 3.91 0.00	54.85 3.68 0.00	52.30 3.38 0.00	47.35 3.01 0.00
ARTHUR_KILL_2 23512	43.86 3.58 -0.01	41.24 2.95 -0.01	39.11 2.63 -0.01	39.07 2.66 -0.01	39.51 2.65 -0.01	40.50 2.75 -0.01	48.06 3.10 0.00	55.35 3.43 0.00	56.07 3.12 0.00	44.94 2.78 0.00	41.00 2.83 0.00	39.94 2.86 0.00	38.03 2.78 0.00	38.02 2.95 0.00	37.87 2.84 0.00	38.88 2.71 0.00	46.82 3.06 0.00	63.11 3.46 0.01	74.46 4.35 0.01	68.47 3.88 0.01	60.88 3.39 0.00	54.44 3.28 0.00	52.01 3.08 0.00	47.18 2.84 -0.01
ARTHUR_KILL_3 23513	42.93 2.66 0.00	40.35 2.07 0.00	38.26 1.79 0.00	38.26 1.86 0.00	38.69 1.84 0.00	39.77 2.04 0.00	47.43 2.47 0.00	54.94 3.01 0.00	55.91 2.96 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.72 2.63 0.00	37.79 2.54 0.00	37.78 2.70 0.00	37.56 2.52 0.00	38.59 2.42 0.00	46.47 2.71 0.00	62.57 2.92 0.00	73.62 3.50 0.00	67.70 3.10 0.00	60.42 2.93 0.00	53.77 2.61 0.00	51.13 2.20 0.00	46.20 1.86 0.00

ARTHUR_KILL_COGEN 323718	43.98 3.70 -0.01	41.31 3.02 -0.01	39.22 2.74 -0.01	39.15 2.73 -0.01	39.62 2.77 -0.01	40.61 2.87 -0.01	48.15 3.19 0.00	55.51 3.58 0.00	56.23 3.28 0.00	45.02 2.87 0.00	41.08 2.90 0.00	40.02 2.93 0.00	38.10 2.85 0.00	38.09 3.02 0.00	37.94 2.91 0.00	38.99 2.82 0.00	46.95 3.19 0.00	63.29 3.64 0.00	74.67 4.56 0.01	68.67 4.07 0.01	61.06 3.57 0.00	54.59 3.43 0.00	52.15 3.23 0.00	47.32 2.97 -0.01
ASHOKAN____ 23654	42.28 2.01 0.00	39.89 1.61 0.00	37.82 1.35 0.00	37.90 1.49 0.00	38.29 1.44 0.00	39.21 1.47 0.00	46.85 1.89 0.00	54.16 2.23 0.00	55.01 2.06 0.00	43.47 1.31 0.00	39.21 1.03 0.00	37.87 0.78 0.00	35.99 0.74 0.00	35.78 0.70 0.00	35.91 0.88 0.00	37.17 1.01 0.00	45.42 1.66 0.00	62.39 2.75 0.00	73.41 3.30 0.00	67.38 2.78 0.00	59.91 2.41 0.00	53.41 2.25 0.00	50.74 1.81 0.00	45.76 1.42 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.41 3.14 0.00	40.77 2.49 0.00	38.62 2.15 0.00	38.59 2.18 0.00	39.03 2.17 0.00	39.89 2.15 0.00	47.34 2.38 0.00	54.62 2.70 0.01	55.48 2.54 0.01	44.51 2.36 0.01	40.69 2.52 0.01	39.64 2.56 0.01	37.75 2.50 0.01	37.70 2.63 0.01	37.55 2.52 0.01	38.51 2.35 0.01	46.28 2.54 0.01	62.26 2.62 0.01	73.19 3.08 0.01	67.24 2.65 0.01	60.01 2.53 0.01	53.51 2.35 0.01	51.13 2.20 0.00	46.51 2.17 0.00
ASTORIA_EAST_ENERGY_CC2 323582	43.37 3.10 0.00	40.73 2.45 0.00	38.62 2.15 0.00	38.55 2.15 0.00	39.03 2.17 0.00	39.89 2.15 0.00	47.29 2.34 0.00	54.56 2.65 0.01	55.48 2.54 0.01	44.51 2.36 0.01	40.65 2.48 0.01	39.60 2.52 0.01	37.71 2.47 0.01	37.70 2.63 0.01	37.52 2.49 0.01	38.51 2.35 0.01	46.28 2.54 0.01	62.20 2.56 0.01	73.12 3.01 0.01	67.24 2.65 0.01	60.01 2.53 0.01	53.51 2.35 0.01	51.07 2.15 0.00	46.51 2.17 0.00
ASTORIA_GT2_1 24094	43.45 3.18 0.00	40.81 2.53 0.00	38.66 2.19 0.00	38.63 2.22 0.00	39.03 2.17 0.00	40.04 2.30 0.00	47.43 2.47 0.00	54.63 2.70 0.00	55.44 2.49 0.00	44.69 2.53 0.00	40.81 2.63 0.00	39.72 2.63 0.00	38.00 2.75 0.00	37.92 2.84 0.00	37.67 2.63 0.00	38.59 2.42 0.00	46.51 2.76 0.00	62.39 2.74 0.00	73.48 3.37 0.01	67.44 2.84 0.01	60.31 2.82 0.00	53.83 2.66 0.00	51.37 2.45 0.00	46.55 2.22 0.00
ASTORIA_GT2_2 24095	43.45 3.18 0.00	40.81 2.53 0.00	38.66 2.19 0.00	38.63 2.22 0.00	39.03 2.17 0.00	40.04 2.30 0.00	47.43 2.47 0.00	54.63 2.70 0.00	55.44 2.49 0.00	44.69 2.53 0.00	40.81 2.63 0.00	39.72 2.63 0.00	38.00 2.75 0.00	37.92 2.84 0.00	37.67 2.63 0.00	38.59 2.42 0.00	46.51 2.76 0.00	62.39 2.74 0.00	73.48 3.37 0.01	67.44 2.84 0.01	60.31 2.82 0.00	53.83 2.66 0.00	51.37 2.45 0.00	46.55 2.22 0.00
ASTORIA_GT2_3 24096	43.45 3.18 0.00	40.81 2.53 0.00	38.66 2.19 0.00	38.63 2.22 0.00	39.03 2.17 0.00	40.04 2.30 0.00	47.43 2.47 0.00	54.63 2.70 0.00	55.44 2.49 0.00	44.69 2.53 0.00	40.81 2.63 0.00	39.72 2.63 0.00	38.00 2.75 0.00	37.92 2.84 0.00	37.67 2.63 0.00	38.59 2.42 0.00	46.51 2.76 0.00	62.39 2.74 0.00	73.48 3.37 0.01	67.44 2.84 0.01	60.31 2.82 0.00	53.83 2.66 0.00	51.37 2.45 0.00	46.55 2.22 0.00
ASTORIA_GT2_4 24097	43.45 3.18 0.00	40.81 2.53 0.00	38.66 2.19 0.00	38.63 2.22 0.00	39.03 2.17 0.00	40.04 2.30 0.00	47.43 2.47 0.00	54.63 2.70 0.00	55.44 2.49 0.00	44.69 2.53 0.00	40.81 2.63 0.00	39.72 2.63 0.00	38.00 2.75 0.00	37.92 2.84 0.00	37.67 2.63 0.00	38.59 2.42 0.00	46.51 2.76 0.00	62.39 2.74 0.00	73.48 3.37 0.01	67.44 2.84 0.01	60.31 2.82 0.00	53.83 2.66 0.00	51.37 2.45 0.00	46.55 2.22 0.00
ASTORIA_GT3_1 24098	43.45 3.18 0.00	40.81 2.53 0.00	38.66 2.19 0.00	38.63 2.22 0.00	39.03 2.17 0.00	40.04 2.30 0.00	47.43 2.47 0.00	54.63 2.70 0.00	55.44 2.49 0.00	44.69 2.53 0.00	40.81 2.63 0.00	39.72 2.63 0.00	38.00 2.75 0.00	37.92 2.84 0.00	37.67 2.63 0.00	38.59 2.42 0.00	46.51 2.76 0.00	62.39 2.74 0.00	73.48 3.37 0.01	67.44 2.84 0.01	60.31 2.82 0.00	53.83 2.66 0.00	51.37 2.45 0.00	46.55 2.22 0.00
ASTORIA_GT3_2 24099	43.45 3.18 0.00	40.81 2.53 0.00	38.66 2.19 0.00	38.63 2.22 0.00	39.03 2.17 0.00	40.04 2.30 0.00	47.43 2.47 0.00	54.63 2.70 0.00	55.44 2.49 0.00	44.69 2.53 0.00	40.81 2.63 0.00	39.72 2.63 0.00	38.00 2.75 0.00	37.92 2.84 0.00	37.67 2.63 0.00	38.59 2.42 0.00	46.51 2.76 0.00	62.39 2.74 0.00	73.48 3.37 0.01	67.44 2.84 0.01	60.31 2.82 0.00	53.83 2.66 0.00	51.37 2.45 0.00	46.55 2.22 0.00
ASTORIA_GT3_3 24100	43.45 3.18 0.00	40.81 2.53 0.00	38.66 2.19 0.00	38.63 2.22 0.00	39.03 2.17 0.00	40.04 2.30 0.00	47.43 2.47 0.00	54.63 2.70 0.00	55.44 2.49 0.00	44.69 2.53 0.00	40.81 2.63 0.00	39.72 2.63 0.00	38.00 2.75 0.00	37.92 2.84 0.00	37.67 2.63 0.00	38.59 2.42 0.00	46.51 2.76 0.00	62.39 2.74 0.00	73.48 3.37 0.01	67.44 2.84 0.01	60.31 2.82 0.00	53.83 2.66 0.00	51.37 2.45 0.00	46.55 2.22 0.00
ASTORIA_GT3_4 24101	43.45 3.18 0.00	40.81 2.53 0.00	38.66 2.19 0.00	38.63 2.22 0.00	39.03 2.17 0.00	40.04 2.30 0.00	47.43 2.47 0.00	54.63 2.70 0.00	55.44 2.49 0.00	44.69 2.53 0.00	40.81 2.63 0.00	39.72 2.63 0.00	38.00 2.75 0.00	37.92 2.84 0.00	37.67 2.63 0.00	38.59 2.42 0.00	46.51 2.76 0.00	62.39 2.74 0.00	73.48 3.37 0.01	67.44 2.84 0.01	60.31 2.82 0.00	53.83 2.66 0.00	51.37 2.45 0.00	46.55 2.22 0.00
ASTORIA_GT4_1 24102	43.45 3.18 0.00	40.81 2.53 0.00	38.66 2.19 0.00	38.63 2.22 0.00	39.03 2.17 0.00	40.04 2.30 0.00	47.43 2.47 0.00	54.63 2.70 0.00	55.44 2.49 0.00	44.69 2.53 0.00	40.81 2.63 0.00	39.72 2.63 0.00	38.00 2.75 0.00	37.92 2.84 0.00	37.67 2.63 0.00	38.59 2.42 0.00	46.51 2.76 0.00	62.39 2.74 0.00	73.48 3.37 0.01	67.44 2.84 0.01	60.31 2.82 0.00	53.83 2.66 0.00	51.37 2.45 0.00	46.55 2.22 0.00
ASTORIA_GT4_2 24103	43.45 3.18 0.00	40.81 2.53 0.00	38.66 2.19 0.00	38.63 2.22 0.00	39.03 2.17 0.00	40.04 2.30 0.00	47.43 2.47 0.00	54.63 2.70 0.00	55.44 2.49 0.00	44.69 2.53 0.00	40.81 2.63 0.00	39.72 2.63 0.00	38.00 2.75 0.00	37.92 2.84 0.00	37.67 2.63 0.00	38.59 2.42 0.00	46.51 2.76 0.00	62.39 2.74 0.00	73.48 3.37 0.01	67.44 2.84 0.01	60.31 2.82 0.00	53.83 2.66 0.00	51.37 2.45 0.00	46.55 2.22 0.00
ASTORIA_GT4_3 24104	43.45 3.18 0.00	40.81 2.53 0.00	38.66 2.19 0.00	38.63 2.22 0.00	39.03 2.17 0.00	40.04 2.30 0.00	47.43 2.47 0.00	54.63 2.70 0.00	55.44 2.49 0.00	44.69 2.53 0.00	40.81 2.63 0.00	39.72 2.63 0.00	38.00 2.75 0.00	37.92 2.84 0.00	37.67 2.63 0.00	38.59 2.42 0.00	46.51 2.76 0.00	62.39 2.74 0.00	73.48 3.37 0.01	67.44 2.84 0.01	60.31 2.82 0.00	53.83 2.66 0.00	51.37 2.45 0.00	46.55 2.22 0.00

ASTORIA_GT4_4 24105	43.45 3.18 0.00	40.81 2.53 0.00	38.66 2.19 0.00	38.63 2.22 0.00	39.03 2.17 0.00	40.04 2.30 0.00	47.43 2.47 0.00	54.63 2.70 0.00	55.44 2.49 0.00	44.69 2.53 0.00	40.81 2.63 0.00	39.72 2.63 0.00	38.00 2.75 0.00	37.92 2.84 0.00	37.67 2.63 0.00	38.59 2.42 0.00	46.51 2.76 0.00	62.39 2.74 0.00	73.48 3.37 0.01	67.44 2.84 0.01	60.31 2.82 0.00	53.83 2.66 0.00	51.37 2.45 0.00	46.55 2.22 0.00
ASTORIA_GT_1 23523	43.49 3.22 0.00	40.89 2.60 0.00	38.73 2.26 0.00	38.66 2.26 0.00	39.10 2.25 0.00	40.08 2.34 0.00	47.48 2.52 0.00	54.73 2.80 0.00	55.54 2.59 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.80 2.71 0.00	38.07 2.82 0.00	37.99 2.91 0.00	37.74 2.70 0.00	38.66 2.50 0.00	46.60 2.84 0.00	62.51 2.86 0.00	73.62 3.51 0.01	67.57 2.97 0.01	60.42 2.93 0.00	53.93 2.76 0.00	51.42 2.50 0.00	46.64 2.31 0.00
ASTORIA_GT_10 24110	43.21 2.94 0.00	40.66 2.37 0.00	38.55 2.08 0.00	38.52 2.11 0.00	38.92 2.06 0.00	40.04 2.30 0.00	47.52 2.56 0.00	54.83 2.91 0.00	55.65 2.70 0.00	44.85 2.70 0.00	40.89 2.71 0.00	39.80 2.71 0.00	38.07 2.82 0.00	37.95 2.88 0.00	37.70 2.66 0.00	38.66 2.50 0.00	46.64 2.89 0.00	62.63 2.98 0.00	73.62 3.51 0.01	67.63 3.04 0.01	60.54 3.05 0.00	53.98 2.81 0.00	51.37 2.45 0.00	46.46 2.13 0.00
ASTORIA_GT_11 24225	43.21 2.94 0.00	40.66 2.37 0.00	38.55 2.08 0.00	38.52 2.11 0.00	38.92 2.06 0.00	40.04 2.30 0.00	47.52 2.56 0.00	54.83 2.91 0.00	55.65 2.70 0.00	44.85 2.70 0.00	40.89 2.71 0.00	39.80 2.71 0.00	38.07 2.82 0.00	37.95 2.88 0.00	37.70 2.66 0.00	38.66 2.50 0.00	46.64 2.89 0.00	62.63 2.98 0.00	73.62 3.51 0.01	67.63 3.04 0.01	60.54 3.05 0.00	53.98 2.81 0.00	51.37 2.45 0.00	46.46 2.13 0.00
ASTORIA_GT_12 24226	43.21 2.94 0.00	40.66 2.37 0.00	38.55 2.08 0.00	38.52 2.11 0.00	38.92 2.06 0.00	40.04 2.30 0.00	47.52 2.56 0.00	54.83 2.91 0.00	55.65 2.70 0.00	44.85 2.70 0.00	40.89 2.71 0.00	39.80 2.71 0.00	38.07 2.82 0.00	37.95 2.88 0.00	37.70 2.66 0.00	38.66 2.50 0.00	46.64 2.89 0.00	62.63 2.98 0.00	73.62 3.51 0.01	67.63 3.04 0.01	60.54 3.05 0.00	53.98 2.81 0.00	51.37 2.45 0.00	46.46 2.13 0.00
ASTORIA_GT_13 24227	43.21 2.94 0.00	40.66 2.37 0.00	38.55 2.08 0.00	38.52 2.11 0.00	38.92 2.06 0.00	40.04 2.30 0.00	47.52 2.56 0.00	54.83 2.91 0.00	55.65 2.70 0.00	44.85 2.70 0.00	40.89 2.71 0.00	39.80 2.71 0.00	38.07 2.82 0.00	37.95 2.88 0.00	37.70 2.66 0.00	38.66 2.50 0.00	46.64 2.89 0.00	62.63 2.98 0.00	73.62 3.51 0.01	67.63 3.04 0.01	60.54 3.05 0.00	53.98 2.81 0.00	51.37 2.45 0.00	46.46 2.13 0.00
ASTORIA_GT_5 24106	43.49 3.22 0.00	40.89 2.60 0.00	38.73 2.26 0.00	38.66 2.26 0.00	39.10 2.25 0.00	40.08 2.34 0.00	47.48 2.52 0.00	54.73 2.80 0.00	55.54 2.59 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.80 2.71 0.00	38.07 2.82 0.00	37.99 2.91 0.00	37.74 2.70 0.00	38.66 2.50 0.00	46.60 2.84 0.00	62.51 2.86 0.00	73.62 3.51 0.01	67.57 2.97 0.01	60.42 2.93 0.00	53.93 2.76 0.00	51.42 2.50 0.00	46.64 2.31 0.00
ASTORIA_GT_7 24107	43.49 3.22 0.00	40.89 2.60 0.00	38.73 2.26 0.00	38.66 2.26 0.00	39.10 2.25 0.00	40.08 2.34 0.00	47.48 2.52 0.00	54.73 2.80 0.00	55.54 2.59 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.80 2.71 0.00	38.07 2.82 0.00	37.99 2.91 0.00	37.74 2.70 0.00	38.66 2.50 0.00	46.60 2.84 0.00	62.51 2.86 0.00	73.62 3.51 0.01	67.57 2.97 0.01	60.42 2.93 0.00	53.93 2.76 0.00	51.42 2.50 0.00	46.64 2.31 0.00
ASTORIA_GT_8 24108	43.49 3.22 0.00	40.89 2.60 0.00	38.73 2.26 0.00	38.66 2.26 0.00	39.10 2.25 0.00	40.08 2.34 0.00	47.48 2.52 0.00	54.73 2.80 0.00	55.54 2.59 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.80 2.71 0.00	38.07 2.82 0.00	37.99 2.91 0.00	37.74 2.70 0.00	38.66 2.50 0.00	46.60 2.84 0.00	62.51 2.86 0.00	73.62 3.51 0.01	67.57 2.97 0.01	60.42 2.93 0.00	53.93 2.76 0.00	51.42 2.50 0.00	46.64 2.31 0.00
ASTORIA___2 24149	43.41 3.14 0.00	40.77 2.49 0.00	38.62 2.15 0.00	38.59 2.18 0.00	39.03 2.17 0.00	39.89 2.15 0.00	47.34 2.38 0.00	54.62 2.70 0.01	55.48 2.54 0.01	44.51 2.36 0.01	40.69 2.52 0.01	39.64 2.56 0.01	37.75 2.50 0.01	37.70 2.63 0.01	37.55 2.52 0.01	38.51 2.35 0.01	46.28 2.54 0.01	62.26 2.62 0.01	73.19 3.08 0.01	67.24 2.65 0.01	60.01 2.53 0.01	53.51 2.35 0.01	51.13 2.20 0.00	46.51 2.17 0.00
ASTORIA___3 23516	43.17 2.90 0.00	40.58 2.30 0.00	38.51 2.04 0.00	38.48 2.07 0.00	38.91 2.06 0.00	39.92 2.19 0.00	47.43 2.47 0.00	54.78 2.85 0.00	55.70 2.75 0.00	44.69 2.53 0.00	40.77 2.60 0.00	39.72 2.63 0.00	37.82 2.57 0.00	37.78 2.70 0.00	37.59 2.56 0.00	38.59 2.42 0.00	46.42 2.67 0.00	62.39 2.75 0.00	73.34 3.23 0.01	67.43 2.84 0.01	60.19 2.70 0.00	53.72 2.56 0.00	51.18 2.25 0.00	46.42 2.08 0.00
ASTORIA___4 23517	43.21 2.94 0.00	40.66 2.37 0.00	38.55 2.08 0.00	38.52 2.11 0.00	38.92 2.06 0.00	40.04 2.30 0.00	47.52 2.56 0.00	54.83 2.91 0.00	55.65 2.70 0.00	44.85 2.70 0.00	40.89 2.71 0.00	39.80 2.71 0.00	38.07 2.82 0.00	37.95 2.88 0.00	37.70 2.66 0.00	38.66 2.50 0.00	46.64 2.89 0.00	62.63 2.98 0.00	73.62 3.51 0.01	67.63 3.04 0.01	60.54 3.05 0.00	53.98 2.81 0.00	51.37 2.45 0.00	46.46 2.13 0.00
ASTORIA___5 23518	43.17 2.90 0.00	40.58 2.30 0.00	38.51 2.04 0.00	38.48 2.07 0.00	38.91 2.06 0.00	39.92 2.19 0.00	47.43 2.47 0.00	54.78 2.85 0.00	55.70 2.75 0.00	44.69 2.53 0.00	40.77 2.60 0.00	39.72 2.63 0.00	37.82 2.57 0.00	37.78 2.70 0.00	37.59 2.56 0.00	38.59 2.42 0.00	46.42 2.67 0.00	62.39 2.75 0.00	73.34 3.23 0.01	67.43 2.84 0.01	60.19 2.70 0.00	53.72 2.56 0.00	51.18 2.25 0.00	46.42 2.08 0.00
AST_ENERGY_2_CC3 323677	43.41 3.14 0.00	40.77 2.49 0.00	38.62 2.15 0.00	38.59 2.18 0.00	39.03 2.17 0.00	39.89 2.15 0.00	47.34 2.38 0.00	54.62 2.70 0.01	55.48 2.54 0.01	44.51 2.36 0.01	40.69 2.52 0.01	39.64 2.56 0.01	37.75 2.50 0.01	37.70 2.63 0.01	37.55 2.52 0.01	38.51 2.35 0.01	46.28 2.54 0.01	62.26 2.62 0.01	73.19 3.08 0.01	67.24 2.65 0.01	60.01 2.53 0.01	53.51 2.35 0.01	51.13 2.20 0.00	46.51 2.17 0.00
AST_ENERGY_2_CC4 323678	43.41 3.14 0.00	40.77 2.49 0.00	38.62 2.15 0.00	38.59 2.18 0.00	39.03 2.17 0.00	39.89 2.15 0.00	47.34 2.38 0.00	54.62 2.70 0.01	55.48 2.54 0.01	44.51 2.36 0.01	40.69 2.52 0.01	39.64 2.56 0.01	37.75 2.50 0.01	37.70 2.63 0.01	37.55 2.52 0.01	38.51 2.35 0.01	46.28 2.54 0.01	62.26 2.62 0.01	73.19 3.08 0.01	67.24 2.65 0.01	60.01 2.53 0.01	53.51 2.35 0.01	51.13 2.20 0.00	46.51 2.17 0.00

ATHENS_STG_1 23668	41.80 1.53 0.00	39.51 1.22 0.00	37.57 1.09 0.00	37.54 1.13 0.00	38.00 1.14 0.00	38.98 1.24 0.00	46.44 1.48 0.00	53.69 1.77 0.00	54.64 1.69 0.00	43.59 1.43 0.00	39.51 1.34 0.00	38.35 1.26 0.00	36.45 1.20 0.00	36.34 1.26 0.00	36.30 1.26 0.00	37.39 1.23 0.00	45.20 1.44 0.00	61.38 1.73 0.00	72.01 1.89 0.00	66.22 1.62 0.00	58.98 1.49 0.00	52.55 1.38 0.00	50.00 1.07 0.00	45.22 0.89 0.00
ATHENS_STG_2 23670	41.80 1.53 0.00	39.51 1.22 0.00	37.57 1.09 0.00	37.54 1.13 0.00	38.00 1.14 0.00	38.98 1.24 0.00	46.44 1.48 0.00	53.69 1.77 0.00	54.64 1.69 0.00	43.59 1.43 0.00	39.51 1.34 0.00	38.35 1.26 0.00	36.45 1.20 0.00	36.34 1.26 0.00	36.30 1.26 0.00	37.39 1.23 0.00	45.20 1.44 0.00	61.38 1.73 0.00	72.01 1.89 0.00	66.22 1.62 0.00	58.98 1.49 0.00	52.55 1.38 0.00	50.00 1.07 0.00	45.22 0.89 0.00
ATHENS_STG_3 23677	41.80 1.53 0.00	39.51 1.22 0.00	37.57 1.09 0.00	37.54 1.13 0.00	38.00 1.14 0.00	38.98 1.24 0.00	46.44 1.48 0.00	53.69 1.77 0.00	54.64 1.69 0.00	43.59 1.43 0.00	39.51 1.34 0.00	38.35 1.26 0.00	36.45 1.20 0.00	36.34 1.26 0.00	36.30 1.26 0.00	37.39 1.23 0.00	45.20 1.44 0.00	61.38 1.73 0.00	72.01 1.89 0.00	66.22 1.62 0.00	58.98 1.49 0.00	52.55 1.38 0.00	50.00 1.07 0.00	45.22 0.89 0.00
AUBURN___LFGE 323710	40.07 -0.20 0.00	38.32 0.04 0.00	36.55 0.07 0.00	36.48 0.07 0.00	36.96 0.11 0.00	37.81 0.08 0.00	45.05 0.09 0.00	51.93 0.00 0.00	53.06 0.11 0.00	42.28 0.13 0.00	38.33 0.15 0.00	37.16 0.07 0.00	35.32 0.07 0.00	35.15 0.07 0.00	35.00 -0.04 0.00	36.20 0.04 0.00	43.71 -0.04 0.00	59.53 -0.12 0.00	70.19 0.07 0.00	64.67 0.06 0.00	57.43 -0.06 0.00	51.22 0.05 0.00	49.12 0.20 0.00	44.56 0.22 0.00
BABYLON_RES_REC 323704	43.04 2.78 0.01	40.15 1.88 0.01	37.96 1.50 0.01	37.86 1.46 0.01	38.36 1.51 0.01	39.39 1.66 0.01	46.54 1.93 0.36	51.20 0.94 1.66	50.56 0.11 2.49	42.97 1.18 0.37	40.32 2.29 0.15	38.89 1.93 0.13	37.29 2.04 0.01	38.16 3.09 0.00	37.21 2.21 0.04	38.29 2.13 0.01	46.20 2.45 0.01	56.41 1.43 4.67	66.62 2.52 6.02	56.99 2.13 9.74	52.96 1.55 6.09	49.75 1.59 3.00	48.61 0.73 1.05	45.84 1.51 0.01
BALL_HILL_WT_PWR 323825	37.05 -3.22 0.00	36.52 -1.76 0.00	35.38 -1.09 0.00	35.17 -1.24 0.00	35.67 -1.18 0.00	36.91 -0.83 0.00	43.61 -1.35 0.00	49.38 -2.54 0.00	50.83 -2.12 0.00	41.19 -0.97 0.00	37.07 -1.11 0.00	35.83 -1.26 0.00	34.23 -1.02 0.00	34.16 -0.91 0.00	33.60 -1.44 0.00	34.83 -1.34 0.00	41.26 -2.49 0.00	56.13 -3.52 0.00	66.96 -3.15 0.00	61.76 -2.84 0.00	54.44 -3.05 0.00	49.12 -2.05 0.00	48.39 -0.54 0.00	44.60 0.27 0.00
BARON_WINDS___WT_PWR 323822	37.05 -3.22 0.00	36.29 -1.99 0.00	35.16 -1.31 0.00	35.02 -1.38 0.00	35.53 -1.33 0.00	36.72 -1.02 0.00	43.65 -1.31 0.00	49.64 -2.28 0.00	51.05 -1.90 0.00	40.93 -1.22 0.00	36.73 -1.45 0.00	35.49 -1.59 0.00	33.77 -1.48 0.00	33.71 -1.37 0.00	33.36 -1.68 0.00	34.57 -1.59 0.00	41.26 -2.49 0.00	56.61 -3.04 0.00	67.73 -2.38 0.00	62.40 -2.20 0.00	55.19 -2.30 0.00	49.53 -1.64 0.00	48.48 -0.44 0.00	44.56 0.22 0.00
BARRETT_IC_1 23704	43.10 2.82 -0.01	40.25 1.95 -0.01	38.09 1.60 -0.01	37.99 1.56 -0.02	38.49 1.62 -0.02	39.49 1.74 -0.01	47.04 2.07 -0.01	57.37 1.04 -4.41	59.05 0.16 -5.95	43.52 1.35 -0.01	40.60 2.41 -0.01	39.14 2.04 -0.01	37.38 2.11 -0.01	38.13 3.05 0.00	37.29 2.24 -0.01	38.35 2.17 -0.01	46.35 2.58 -0.02	73.87 1.55 -12.67	83.55 2.45 -10.97	84.55 2.20 -17.76	75.68 1.67 -16.52	58.28 1.64 -5.48	52.60 0.83 -2.84	46.00 1.64 -0.02
BARRETT_IC_10 23701	43.10 2.82 -0.01	40.25 1.95 -0.01	38.09 1.60 -0.01	37.99 1.56 -0.02	38.49 1.62 -0.02	39.49 1.74 -0.01	47.04 2.07 -0.01	57.37 1.04 -4.41	59.05 0.16 -5.95	43.52 1.35 -0.01	40.60 2.41 -0.01	39.14 2.04 -0.01	37.38 2.11 -0.01	38.13 3.05 0.00	37.29 2.24 -0.01	38.35 2.17 -0.01	46.35 2.58 -0.02	73.87 1.55 -12.67	83.55 2.45 -10.97	84.55 2.20 -17.76	75.68 1.67 -16.52	58.28 1.64 -5.48	52.60 0.83 -2.84	46.00 1.64 -0.02
BARRETT_IC_11 23702	43.10 2.82 -0.01	40.25 1.95 -0.01	38.09 1.60 -0.01	37.99 1.56 -0.02	38.49 1.62 -0.02	39.49 1.74 -0.01	47.04 2.07 -0.01	57.37 1.04 -4.41	59.05 0.16 -5.95	43.52 1.35 -0.01	40.60 2.41 -0.01	39.14 2.04 -0.01	37.38 2.11 -0.01	38.13 3.05 0.00	37.29 2.24 -0.01	38.35 2.17 -0.01	46.35 2.58 -0.02	73.87 1.55 -12.67	83.55 2.45 -10.97	84.55 2.20 -17.76	75.68 1.67 -16.52	58.28 1.64 -5.48	52.60 0.83 -2.84	46.00 1.64 -0.02
BARRETT_IC_12 23703	43.10 2.82 -0.01	40.25 1.95 -0.01	38.09 1.60 -0.01	37.99 1.56 -0.02	38.49 1.62 -0.02	39.49 1.74 -0.01	47.04 2.07 -0.01	57.37 1.04 -4.41	59.05 0.16 -5.95	43.52 1.35 -0.01	40.60 2.41 -0.01	39.14 2.04 -0.01	37.38 2.11 -0.01	38.13 3.05 0.00	37.29 2.24 -0.01	38.35 2.17 -0.01	46.35 2.58 -0.02	73.87 1.55 -12.67	83.55 2.45 -10.97	84.55 2.20 -17.76	75.68 1.67 -16.52	58.28 1.64 -5.48	52.60 0.83 -2.84	46.00 1.64 -0.02
BARRETT_IC_2 23705	43.10 2.82 -0.01	40.25 1.95 -0.01	38.09 1.60 -0.01	37.99 1.56 -0.02	38.49 1.62 -0.02	39.49 1.74 -0.01	47.04 2.07 -0.01	57.37 1.04 -4.41	59.05 0.16 -5.95	43.52 1.35 -0.01	40.60 2.41 -0.01	39.14 2.04 -0.01	37.38 2.11 -0.01	38.13 3.05 0.00	37.29 2.24 -0.01	38.35 2.17 -0.01	46.35 2.58 -0.02	73.87 1.55 -12.67	83.55 2.45 -10.97	84.55 2.20 -17.76	75.68 1.67 -16.52	58.28 1.64 -5.48	52.60 0.83 -2.84	46.00 1.64 -0.02
BARRETT_IC_3 23706	43.10 2.82 -0.01	40.25 1.95 -0.01	38.09 1.60 -0.01	37.99 1.56 -0.02	38.49 1.62 -0.02	39.49 1.74 -0.01	47.04 2.07 -0.01	57.37 1.04 -4.41	59.05 0.16 -5.95	43.52 1.35 -0.01	40.60 2.41 -0.01	39.14 2.04 -0.01	37.38 2.11 -0.01	38.13 3.05 0.00	37.29 2.24 -0.01	38.35 2.17 -0.01	46.35 2.58 -0.02	73.87 1.55 -12.67	83.55 2.45 -10.97	84.55 2.20 -17.76	75.68 1.67 -16.52	58.28 1.64 -5.48	52.60 0.83 -2.84	46.00 1.64 -0.02
BARRETT_IC_4 23707	43.10 2.82 -0.01	40.25 1.95 -0.01	38.09 1.60 -0.01	37.99 1.56 -0.02	38.49 1.62 -0.02	39.49 1.74 -0.01	47.04 2.07 -0.01	57.37 1.04 -4.41	59.05 0.16 -5.95	43.52 1.35 -0.01	40.60 2.41 -0.01	39.14 2.04 -0.01	37.38 2.11 -0.01	38.13 3.05 0.00	37.29 2.24 -0.01	38.35 2.17 -0.01	46.35 2.58 -0.02	73.87 1.55 -12.67	83.55 2.45 -10.97	84.55 2.20 -17.76	75.68 1.67 -16.52	58.28 1.64 -5.48	52.60 0.83 -2.84	46.00 1.64 -0.02
BARRETT_IC_5 23708	43.10 2.82 -0.01	40.25 1.95 -0.01	38.09 1.60 -0.01	37.99 1.56 -0.02	38.49 1.62 -0.02	39.49 1.74 -0.01	47.04 2.07 -0.01	57.37 1.04 -4.41	59.05 0.16 -5.95	43.52 1.35 -0.01	40.60 2.41 -0.01	39.14 2.04 -0.01	37.38 2.11 -0.01	38.13 3.05 0.00	37.29 2.24 -0.01	38.35 2.17 -0.01	46.35 2.58 -0.02	73.87 1.55 -12.67	83.55 2.45 -10.97	84.55 2.20 -17.76	75.68 1.67 -16.52	58.28 1.64 -5.48	52.60 0.83 -2.84	46.00 1.64 -0.02

BARRETT_IC_6 23709	43.10 2.82 -0.01	40.25 1.95 -0.01	38.09 1.60 -0.01	37.99 1.56 -0.02	38.49 1.62 -0.02	39.49 1.74 -0.01	47.04 2.07 -0.01	57.37 1.04 -4.41	59.05 0.16 -5.95	43.52 1.35 -0.01	40.60 2.41 -0.01	39.14 2.04 -0.01	37.38 2.11 -0.01	38.13 3.05 0.00	37.29 2.24 -0.01	38.35 2.17 -0.01	46.35 2.58 -0.02	73.87 1.55 -12.67	83.55 2.45 -10.97	84.55 2.20 -17.76	75.68 1.67 -16.52	58.28 1.64 -5.48	52.60 0.83 -2.84	46.00 1.64 -0.02
BARRETT_IC_7 23710	43.10 2.82 -0.01	40.32 2.03 -0.01	38.13 1.64 -0.01	38.02 1.60 -0.01	38.41 1.55 -0.01	39.71 1.96 -0.01	47.17 2.20 -0.01	56.70 0.36 -4.41	58.95 0.05 -5.95	43.65 1.48 -0.01	40.67 2.48 -0.01	39.22 2.11 -0.01	37.62 2.36 -0.01	38.27 3.19 0.00	37.40 2.35 -0.01	38.42 2.24 -0.01	46.57 2.80 -0.01	73.87 1.55 -12.67	83.90 2.80 -10.97	84.75 2.39 -17.76	76.02 2.01 -16.52	58.54 1.89 -5.48	52.70 0.93 -2.84	45.99 1.64 -0.01
BARRETT_IC_8 23711	43.10 2.82 -0.01	40.25 1.95 -0.01	38.09 1.60 -0.01	37.99 1.56 -0.02	38.49 1.62 -0.02	39.49 1.74 -0.01	47.04 2.07 -0.01	57.37 1.04 -4.41	59.05 0.16 -5.95	43.52 1.35 -0.01	40.60 2.41 -0.01	39.14 2.04 -0.01	37.38 2.11 -0.01	38.13 3.05 0.00	37.29 2.24 -0.01	38.35 2.17 -0.01	46.35 2.58 -0.02	73.87 1.55 -12.67	83.55 2.45 -10.97	84.55 2.20 -17.76	75.68 1.67 -16.52	58.28 1.64 -5.48	52.60 0.83 -2.84	46.00 1.64 -0.02
BARRETT_IC_9 23700	43.10 2.82 -0.01	40.25 1.95 -0.01	38.09 1.60 -0.01	37.99 1.56 -0.02	38.49 1.62 -0.02	39.49 1.74 -0.01	47.04 2.07 -0.01	57.37 1.04 -4.41	59.05 0.16 -5.95	43.52 1.35 -0.01	40.60 2.41 -0.01	39.14 2.04 -0.01	37.38 2.11 -0.01	38.13 3.05 0.00	37.29 2.24 -0.01	38.35 2.17 -0.01	46.35 2.58 -0.02	73.87 1.55 -12.67	83.55 2.45 -10.97	84.55 2.20 -17.76	75.68 1.67 -16.52	58.28 1.64 -5.48	52.60 0.83 -2.84	46.00 1.64 -0.02
BARRETT___1 23545	43.10 2.82 -0.01	40.25 1.95 -0.01	38.09 1.60 -0.01	37.99 1.56 -0.02	38.49 1.62 -0.02	39.49 1.74 -0.01	47.04 2.07 -0.01	57.37 1.04 -4.41	59.05 0.16 -5.95	43.52 1.35 -0.01	40.60 2.41 -0.01	39.14 2.04 -0.01	37.38 2.11 -0.01	38.13 3.05 0.00	37.29 2.24 -0.01	38.35 2.17 -0.01	46.35 2.58 -0.02	73.87 1.55 -12.67	83.55 2.45 -10.97	84.55 2.20 -17.76	75.68 1.67 -16.52	58.28 1.64 -5.48	52.60 0.83 -2.84	46.00 1.64 -0.02
BARRETT___2 23546	43.10 2.82 -0.01	40.25 1.95 -0.01	38.09 1.60 -0.01	37.99 1.56 -0.02	38.49 1.62 -0.02	39.49 1.74 -0.01	47.04 2.07 -0.01	57.37 1.04 -4.41	59.05 0.16 -5.95	43.52 1.35 -0.01	40.60 2.41 -0.01	39.14 2.04 -0.01	37.38 2.11 -0.01	38.13 3.05 0.00	37.29 2.24 -0.01	38.35 2.17 -0.01	46.35 2.58 -0.02	73.87 1.55 -12.67	83.55 2.45 -10.97	84.55 2.20 -17.76	75.68 1.67 -16.52	58.28 1.64 -5.48	52.60 0.83 -2.84	46.00 1.64 -0.02
BATAVIA___115KV_TB1 55881	38.30 -1.97 0.00	37.59 -0.69 0.00	36.33 -0.15 0.00	36.11 -0.29 0.00	36.63 -0.22 0.00	37.62 -0.11 0.00	44.15 -0.81 0.00	50.16 -1.77 0.00	51.57 -1.38 0.00	41.44 -0.72 0.00	37.72 -0.46 0.00	36.42 -0.67 0.00	34.72 -0.53 0.00	34.44 -0.63 0.00	34.05 -0.98 0.00	35.40 -0.76 0.00	42.18 -1.58 0.00	56.91 -2.74 0.00	67.17 -2.94 0.00	62.02 -2.58 0.00	54.90 -2.59 0.00	49.89 -1.28 0.00	48.83 -0.10 0.00	45.27 0.93 0.00
BAYONEEC___CTG1 323682	43.09 2.82 0.00	40.50 2.22 0.00	38.41 1.93 0.00	38.41 2.00 0.00	38.88 2.03 0.00	39.92 2.19 0.00	47.61 2.65 0.00	55.15 3.22 0.00	56.07 3.12 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.67 2.63 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.81 3.16 0.00	73.90 3.78 0.00	67.96 3.36 0.00	60.59 3.10 0.00	53.98 2.81 0.00	51.32 2.40 0.00	46.42 2.08 0.00
BAYONEEC___CTG10 323750	43.09 2.82 0.00	40.50 2.22 0.00	38.41 1.93 0.00	38.41 2.00 0.00	38.88 2.03 0.00	39.92 2.19 0.00	47.61 2.65 0.00	55.15 3.22 0.00	56.07 3.12 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.67 2.63 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.81 3.16 0.00	73.90 3.78 0.00	67.96 3.36 0.00	60.59 3.10 0.00	53.98 2.81 0.00	51.32 2.40 0.00	46.42 2.08 0.00
BAYONEEC___CTG2 323683	43.09 2.82 0.00	40.50 2.22 0.00	38.41 1.93 0.00	38.41 2.00 0.00	38.88 2.03 0.00	39.92 2.19 0.00	47.61 2.65 0.00	55.15 3.22 0.00	56.07 3.12 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.67 2.63 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.81 3.16 0.00	73.90 3.78 0.00	67.96 3.36 0.00	60.59 3.10 0.00	53.98 2.81 0.00	51.32 2.40 0.00	46.42 2.08 0.00
BAYONEEC___CTG3 323684	43.09 2.82 0.00	40.50 2.22 0.00	38.41 1.93 0.00	38.41 2.00 0.00	38.88 2.03 0.00	39.92 2.19 0.00	47.61 2.65 0.00	55.15 3.22 0.00	56.07 3.12 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.67 2.63 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.81 3.16 0.00	73.90 3.78 0.00	67.96 3.36 0.00	60.59 3.10 0.00	53.98 2.81 0.00	51.32 2.40 0.00	46.42 2.08 0.00
BAYONEEC___CTG4 323685	43.09 2.82 0.00	40.50 2.22 0.00	38.41 1.93 0.00	38.41 2.00 0.00	38.88 2.03 0.00	39.92 2.19 0.00	47.61 2.65 0.00	55.15 3.22 0.00	56.07 3.12 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.67 2.63 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.81 3.16 0.00	73.90 3.78 0.00	67.96 3.36 0.00	60.59 3.10 0.00	53.98 2.81 0.00	51.32 2.40 0.00	46.42 2.08 0.00
BAYONEEC___CTG5 323686	43.09 2.82 0.00	40.50 2.22 0.00	38.41 1.93 0.00	38.41 2.00 0.00	38.88 2.03 0.00	39.92 2.19 0.00	47.61 2.65 0.00	55.15 3.22 0.00	56.07 3.12 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.67 2.63 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.81 3.16 0.00	73.90 3.78 0.00	67.96 3.36 0.00	60.59 3.10 0.00	53.98 2.81 0.00	51.32 2.40 0.00	46.42 2.08 0.00
BAYONEEC___CTG6 323687	43.09 2.82 0.00	40.50 2.22 0.00	38.41 1.93 0.00	38.41 2.00 0.00	38.88 2.03 0.00	39.92 2.19 0.00	47.61 2.65 0.00	55.15 3.22 0.00	56.07 3.12 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.67 2.63 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.81 3.16 0.00	73.90 3.78 0.00	67.96 3.36 0.00	60.59 3.10 0.00	53.98 2.81 0.00	51.32 2.40 0.00	46.42 2.08 0.00
BAYONEEC___CTG7 323688	43.09 2.82 0.00	40.50 2.22 0.00	38.41 1.93 0.00	38.41 2.00 0.00	38.88 2.03 0.00	39.92 2.19 0.00	47.61 2.65 0.00	55.15 3.22 0.00	56.07 3.12 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.67 2.63 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.81 3.16 0.00	73.90 3.78 0.00	67.96 3.36 0.00	60.59 3.10 0.00	53.98 2.81 0.00	51.32 2.40 0.00	46.42 2.08 0.00

BAYONEEC___CTG8 323689	43.09 2.82 0.00	40.50 2.22 0.00	38.41 1.93 0.00	38.41 2.00 0.00	38.88 2.03 0.00	39.92 2.19 0.00	47.61 2.65 0.00	55.15 3.22 0.00	56.07 3.12 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.67 2.63 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.81 3.16 0.00	73.90 3.78 0.00	67.96 3.36 0.00	60.59 3.10 0.00	53.98 2.81 0.00	51.32 2.40 0.00	46.42 2.08 0.00
BAYONEEC___CTG9 323749	43.09 2.82 0.00	40.50 2.22 0.00	38.41 1.93 0.00	38.41 2.00 0.00	38.88 2.03 0.00	39.92 2.19 0.00	47.61 2.65 0.00	55.15 3.22 0.00	56.07 3.12 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.67 2.63 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.81 3.16 0.00	73.90 3.78 0.00	67.96 3.36 0.00	60.59 3.10 0.00	53.98 2.81 0.00	51.32 2.40 0.00	46.42 2.08 0.00
BEACON___LESR 323632	41.84 1.57 0.00	39.59 1.30 0.00	37.68 1.20 0.00	37.68 1.27 0.00	38.07 1.21 0.00	39.09 1.36 0.00	46.53 1.57 0.00	53.85 1.92 0.00	54.80 1.85 0.00	43.55 1.39 0.00	39.24 1.07 0.00	37.94 0.85 0.00	36.06 0.81 0.00	35.85 0.77 0.00	35.98 0.95 0.00	37.17 1.01 0.00	45.11 1.36 0.00	61.56 1.91 0.00	72.22 2.10 0.00	66.35 1.74 0.00	58.93 1.44 0.00	52.39 1.23 0.00	49.85 0.93 0.00	45.04 0.71 0.00
BEAVER RIVER___HYD 24048	40.27 0.00 0.00	38.28 0.00 0.00	36.40 -0.07 0.00	36.19 -0.22 0.00	36.81 -0.04 0.00	37.62 -0.11 0.00	44.91 -0.04 0.00	52.13 0.21 0.00	53.11 0.16 0.00	41.74 -0.42 0.00	37.80 -0.38 0.00	36.83 -0.26 0.00	34.86 -0.39 0.00	34.66 -0.42 0.00	34.62 -0.42 0.00	35.84 -0.33 0.00	44.02 0.26 0.00	60.48 0.83 0.00	71.66 1.54 0.00	66.28 1.68 0.00	58.64 1.15 0.00	52.29 1.12 0.00	49.95 1.03 0.00	45.22 0.89 0.00
BEEBEE_GT_13 23619	38.70 -1.57 0.00	37.59 -0.69 0.00	36.15 -0.33 0.00	35.97 -0.44 0.00	36.45 -0.41 0.00	37.36 -0.38 0.00	44.19 -0.76 0.00	50.63 -1.30 0.00	51.94 -1.01 0.00	41.69 -0.46 0.00	37.95 -0.23 0.00	36.75 -0.33 0.00	35.00 -0.25 0.00	34.76 -0.32 0.00	34.48 -0.56 0.00	35.73 -0.43 0.00	42.75 -1.01 0.00	57.74 -1.91 0.00	68.01 -2.10 0.00	62.73 -1.87 0.00	55.65 -1.84 0.00	50.19 -0.97 0.00	48.68 -0.24 0.00	44.56 0.22 0.00
BENSHRST_27_KV_BENSHRST_1 355998	43.61 3.34 0.00	41.00 2.72 0.00	38.88 2.41 0.00	38.84 2.44 0.00	39.25 2.40 0.00	40.34 2.60 0.00	47.88 2.92 0.00	55.25 3.32 0.00	56.02 3.07 0.00	45.11 2.95 0.00	41.12 2.94 0.00	40.06 2.97 0.00	38.32 3.07 0.00	38.23 3.16 0.00	37.98 2.94 0.00	38.91 2.75 0.00	47.04 3.28 0.00	63.29 3.64 0.00	74.60 4.49 0.01	68.47 3.88 0.01	61.17 3.68 0.00	54.54 3.38 0.00	51.91 2.98 0.00	46.91 2.57 0.00
BETHLEHEM___GRP 23843	41.40 1.13 0.00	39.20 0.92 0.00	37.35 0.88 0.00	37.28 0.87 0.00	37.66 0.81 0.00	38.68 0.94 0.00	46.04 1.08 0.00	53.28 1.35 0.00	54.22 1.27 0.00	43.13 0.97 0.00	38.90 0.73 0.00	37.64 0.56 0.00	35.74 0.49 0.00	35.64 0.56 0.00	35.70 0.67 0.00	36.89 0.72 0.00	44.59 0.83 0.00	60.84 1.19 0.00	71.38 1.26 0.00	65.57 0.97 0.00	58.35 0.86 0.00	51.73 0.56 0.00	49.27 0.34 0.00	44.56 0.22 0.00
BETHLEHEM___GS1 323560	41.40 1.13 0.00	39.20 0.92 0.00	37.31 0.84 0.00	37.32 0.91 0.00	37.70 0.85 0.00	38.68 0.94 0.00	45.99 1.03 0.00	53.22 1.30 0.00	54.17 1.22 0.00	43.08 0.93 0.00	38.86 0.69 0.00	37.65 0.56 0.00	35.78 0.53 0.00	35.60 0.53 0.00	35.70 0.66 0.00	36.89 0.72 0.00	44.63 0.87 0.00	60.84 1.19 0.00	71.31 1.19 0.00	65.50 0.90 0.00	58.24 0.75 0.00	51.83 0.66 0.00	49.27 0.34 0.00	44.51 0.18 0.00
BETHLEHEM___GS2 323561	41.40 1.13 0.00	39.20 0.92 0.00	37.31 0.84 0.00	37.32 0.91 0.00	37.70 0.85 0.00	38.68 0.94 0.00	45.99 1.03 0.00	53.22 1.30 0.00	54.17 1.22 0.00	43.08 0.93 0.00	38.86 0.69 0.00	37.65 0.56 0.00	35.78 0.53 0.00	35.60 0.53 0.00	35.70 0.66 0.00	36.89 0.72 0.00	44.63 0.87 0.00	60.84 1.19 0.00	71.31 1.19 0.00	65.50 0.90 0.00	58.24 0.75 0.00	51.83 0.66 0.00	49.27 0.34 0.00	44.51 0.18 0.00
BETHLEHEM___GS3 323562	41.40 1.13 0.00	39.20 0.92 0.00	37.31 0.84 0.00	37.32 0.91 0.00	37.70 0.85 0.00	38.68 0.94 0.00	45.99 1.03 0.00	53.22 1.30 0.00	54.17 1.22 0.00	43.08 0.93 0.00	38.86 0.69 0.00	37.65 0.56 0.00	35.78 0.53 0.00	35.60 0.53 0.00	35.70 0.66 0.00	36.89 0.72 0.00	44.63 0.87 0.00	60.84 1.19 0.00	71.31 1.19 0.00	65.50 0.90 0.00	58.24 0.75 0.00	51.83 0.66 0.00	49.27 0.34 0.00	44.51 0.18 0.00
BETHLEHEM___STEEL 23779	37.01 -3.26 0.00	36.45 -1.84 0.00	35.27 -1.20 0.00	35.17 -1.24 0.00	35.67 -1.18 0.00	36.72 -1.02 0.00	43.16 -1.80 0.00	49.07 -2.86 0.00	50.46 -2.49 0.00	40.68 -1.48 0.00	37.03 -1.15 0.00	35.75 -1.34 0.00	34.19 -1.06 0.00	33.95 -1.12 0.00	33.49 -1.54 0.00	34.79 -1.37 0.00	41.22 -2.54 0.00	55.53 -4.12 0.00	65.56 -4.56 0.00	60.60 -4.01 0.00	53.75 -3.74 0.00	48.86 -2.30 0.00	48.09 -0.83 0.00	44.38 0.04 0.00
BETHLHEM_115KV_TB1 79974	41.44 1.17 0.00	39.20 0.92 0.00	37.35 0.88 0.00	37.32 0.91 0.00	37.70 0.85 0.00	38.68 0.94 0.00	46.08 1.12 0.00	53.28 1.35 0.00	54.22 1.27 0.00	43.17 1.01 0.00	38.94 0.76 0.00	37.72 0.63 0.00	35.81 0.56 0.00	35.67 0.60 0.00	35.74 0.70 0.00	36.92 0.76 0.00	44.63 0.88 0.00	60.90 1.25 0.00	71.45 1.33 0.00	65.63 1.03 0.00	58.41 0.92 0.00	51.78 0.61 0.00	49.32 0.39 0.00	44.60 0.27 0.00
BETHPAGE_CC_5 323564	43.04 2.78 0.00	40.15 1.88 0.00	38.00 1.53 0.00	37.89 1.49 0.01	38.39 1.55 0.01	39.32 1.58 0.00	46.75 1.80 0.00	51.44 0.88 1.37	51.21 0.11 1.85	43.38 1.22 0.00	40.42 2.25 0.00	39.01 1.93 0.00	37.29 2.04 0.00	38.09 3.02 0.00	37.21 2.17 0.00	38.26 2.10 0.00	46.15 2.40 0.01	57.14 1.43 3.94	67.49 2.45 5.08	58.52 2.13 8.21	53.96 1.61 5.14	50.22 1.59 2.53	48.82 0.78 0.89	45.75 1.42 0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.93 -3.34 0.00	36.37 -1.91 0.00	35.16 -1.31 0.00	35.09 -1.31 0.00	35.60 -1.25 0.00	36.64 -1.09 0.00	43.12 -1.84 0.00	49.07 -2.86 0.00	50.46 -2.49 0.00	40.68 -1.48 0.00	36.99 -1.18 0.00	35.71 -1.37 0.00	34.16 -1.09 0.00	33.92 -1.16 0.00	33.46 -1.58 0.00	34.79 -1.37 0.00	41.22 -2.54 0.00	55.53 -4.12 0.00	65.63 -4.49 0.00	60.66 -3.94 0.00	53.81 -3.68 0.00	48.86 -2.30 0.00	48.09 -0.83 0.00	44.34 0.00 0.00
BINGHAMTON___COGEN 23790	40.35 0.08 0.00	38.55 0.27 0.00	36.80 0.33 0.00	36.73 0.33 0.00	37.22 0.37 0.00	38.15 0.42 0.00	45.41 0.45 0.00	52.29 0.36 0.00	53.43 0.48 0.00	42.62 0.46 0.00	38.60 0.42 0.00	37.46 0.37 0.00	35.64 0.39 0.00	35.50 0.42 0.00	35.32 0.28 0.00	36.49 0.33 0.00	43.97 0.22 0.00	59.77 0.12 0.00	70.47 0.35 0.00	64.86 0.26 0.00	57.72 0.23 0.00	51.52 0.36 0.00	49.41 0.49 0.00	44.87 0.53 0.00

BIXINCNT_115KV_LOAD 355685	35.56 -4.71 0.00	34.99 -3.29 0.00	33.92 -2.55 0.00	33.93 -2.48 0.00	34.57 -2.28 0.00	35.81 -1.92 0.00	42.26 -2.70 0.00	48.40 -3.53 0.00	49.88 -3.07 0.00	40.22 -1.94 0.00	36.42 -1.76 0.00	35.05 -2.04 0.00	33.38 -1.87 0.00	33.22 -1.86 0.00	32.69 -2.35 0.00	34.03 -2.13 0.00	40.47 -3.28 0.00	55.00 -4.65 0.00	65.70 -4.42 0.00	60.85 -3.75 0.00	54.04 -3.45 0.00	49.07 -2.10 0.00	48.24 -0.68 0.00	44.38 0.04 0.00
BLACK RIVER___HYD 24047	40.31 0.04 0.00	38.32 0.04 0.00	36.47 0.00 0.00	36.19 -0.22 0.00	36.85 0.00 0.00	37.70 -0.04 0.00	44.91 -0.04 0.00	52.19 0.26 0.00	53.16 0.21 0.00	41.65 -0.50 0.00	37.68 -0.50 0.00	36.68 -0.41 0.00	34.68 -0.57 0.00	34.51 -0.56 0.00	34.41 -0.63 0.00	35.69 -0.47 0.00	43.80 0.04 0.00	60.31 0.66 0.00	71.59 1.47 0.00	66.28 1.68 0.00	58.53 1.04 0.00	52.19 1.02 0.00	49.85 0.93 0.00	45.09 0.75 0.00
BLACKRVR_115KV_TB2 79977	40.31 0.04 0.00	38.32 0.04 0.00	36.47 0.00 0.00	36.19 -0.22 0.00	36.85 0.00 0.00	37.70 -0.04 0.00	44.91 -0.04 0.00	52.19 0.26 0.00	53.11 0.16 0.00	41.61 -0.55 0.00	37.68 -0.50 0.00	36.68 -0.41 0.00	34.69 -0.56 0.00	34.48 -0.60 0.00	34.41 -0.63 0.00	35.69 -0.47 0.00	43.80 0.04 0.00	60.25 0.60 0.00	71.52 1.40 0.00	66.22 1.62 0.00	58.47 0.98 0.00	52.19 1.02 0.00	49.80 0.88 0.00	45.09 0.75 0.00
BLDWN_LI_69_KV_BK4 356085	43.25 2.98 0.00	40.43 2.14 0.00	38.23 1.75 0.00	38.15 1.75 0.00	38.55 1.70 0.00	39.81 2.08 0.00	47.30 2.34 0.00	52.90 0.73 -0.25	53.66 0.37 -0.34	43.80 1.64 0.00	40.81 2.63 0.00	39.35 2.26 0.00	37.75 2.50 0.00	38.44 3.37 0.00	37.53 2.49 0.00	38.55 2.39 0.00	46.73 2.98 0.00	62.40 2.03 -0.72	73.50 3.37 -0.02	67.53 2.91 -0.03	60.90 2.47 -0.94	53.48 2.30 -0.01	50.36 1.27 -0.16	46.16 1.82 0.00
BLISS_WT_PWR 323608	35.24 -5.04 0.00	34.76 -3.52 0.00	33.74 -2.74 0.00	33.64 -2.77 0.00	34.31 -2.54 0.00	35.73 -2.00 0.00	42.35 -2.61 0.00	48.34 -3.58 0.00	49.88 -3.07 0.00	40.47 -1.69 0.00	36.23 -1.95 0.00	34.90 -2.19 0.00	33.17 -2.08 0.00	33.18 -1.89 0.00	32.58 -2.45 0.00	33.81 -2.35 0.00	40.25 -3.50 0.00	55.17 -4.47 0.00	66.61 -3.50 0.00	61.76 -2.84 0.00	54.44 -3.05 0.00	49.12 -2.05 0.00	48.39 -0.54 0.00	44.47 0.13 0.00
BLUESTONE___WT_PWR 323821	41.12 0.85 0.00	39.24 0.96 0.00	37.42 0.95 0.00	37.17 0.77 0.00	37.88 1.03 0.00	38.91 1.17 0.00	46.49 1.53 0.00	53.90 1.97 0.00	55.07 2.12 0.00	43.34 1.18 0.00	39.24 1.07 0.00	38.28 1.19 0.00	36.24 0.99 0.00	36.16 1.09 0.00	36.02 0.98 0.00	37.29 1.12 0.00	45.29 1.53 0.00	62.57 2.92 0.00	74.18 4.07 0.00	68.41 3.81 0.00	60.54 3.04 0.00	53.62 2.46 0.00	51.42 2.49 0.00	46.68 2.35 0.00
BLUE_CIRC_CHEM_DRP 24182	41.64 1.37 0.00	39.43 1.15 0.00	37.57 1.09 0.00	37.53 1.13 0.00	37.92 1.07 0.00	38.94 1.21 0.00	46.35 1.39 0.00	53.59 1.66 0.00	54.49 1.54 0.00	43.29 1.14 0.00	39.02 0.84 0.00	37.76 0.67 0.00	35.85 0.60 0.00	35.71 0.63 0.00	35.81 0.77 0.00	37.00 0.83 0.00	44.81 1.05 0.00	61.26 1.61 0.00	71.94 1.82 0.00	66.15 1.55 0.00	58.81 1.32 0.00	52.24 1.07 0.00	49.80 0.88 0.00	45.00 0.67 0.00
BOC_GAS_DRP 24189	41.36 1.09 0.00	39.16 0.88 0.00	37.28 0.80 0.00	37.24 0.84 0.00	37.66 0.81 0.00	38.64 0.91 0.00	46.04 1.08 0.00	53.22 1.30 0.00	54.17 1.22 0.00	43.13 0.97 0.00	38.98 0.80 0.00	37.79 0.70 0.00	35.92 0.67 0.00	35.78 0.70 0.00	35.81 0.77 0.00	36.96 0.80 0.00	44.67 0.92 0.00	60.84 1.19 0.00	71.38 1.26 0.00	65.63 1.03 0.00	58.41 0.92 0.00	51.88 0.72 0.00	49.46 0.54 0.00	44.74 0.40 0.00
BOONVILLE_115KV_TB1 79983	40.79 0.52 0.00	38.78 0.50 0.00	36.95 0.47 0.00	36.73 0.33 0.00	37.33 0.48 0.00	38.23 0.49 0.00	45.59 0.63 0.00	52.86 0.93 0.00	53.90 0.95 0.00	42.49 0.34 0.00	38.52 0.34 0.00	37.50 0.41 0.00	35.50 0.25 0.00	35.36 0.28 0.00	35.28 0.25 0.00	36.49 0.33 0.00	44.54 0.79 0.00	60.84 1.19 0.00	71.87 1.75 0.00	66.34 1.74 0.00	58.81 1.32 0.00	52.39 1.23 0.00	50.05 1.13 0.00	45.31 0.98 0.00
BORALEX_4TH_BRANCH 23824	41.96 1.69 0.00	39.58 1.30 0.00	37.75 1.28 0.00	37.64 1.24 0.00	38.03 1.18 0.00	39.06 1.32 0.00	46.76 1.80 0.00	54.16 2.23 0.00	55.17 2.22 0.00	43.51 1.35 0.00	38.94 0.76 0.00	37.64 0.56 0.00	35.57 0.32 0.00	35.50 0.42 0.00	35.84 0.81 0.00	37.14 0.98 0.00	44.85 1.09 0.00	61.80 2.15 0.00	72.01 1.89 0.00	66.15 1.55 0.00	58.64 1.15 0.00	51.62 0.46 0.00	49.07 0.15 0.00	44.25 -0.09 0.00
BOWLINE___1 23526	42.77 2.50 0.00	40.27 1.99 0.00	38.22 1.75 0.00	38.19 1.78 0.00	38.66 1.81 0.00	39.70 1.96 0.00	47.34 2.38 0.00	54.73 2.80 0.00	55.65 2.70 0.00	44.56 2.40 0.00	40.54 2.37 0.00	39.43 2.34 0.00	37.47 2.22 0.00	37.43 2.35 0.00	37.28 2.24 0.00	38.30 2.13 0.00	46.16 2.40 0.00	62.39 2.75 0.00	73.48 3.37 0.00	67.57 2.97 0.00	60.14 2.65 0.00	53.62 2.46 0.00	50.98 2.05 0.00	46.11 1.78 0.00
BOWLINE___2 23595	42.77 2.50 0.00	40.27 1.99 0.00	38.19 1.71 0.00	38.19 1.78 0.00	38.62 1.77 0.00	39.70 1.96 0.00	47.34 2.38 0.00	54.73 2.80 0.00	55.65 2.70 0.00	44.52 2.36 0.00	40.54 2.37 0.00	39.43 2.34 0.00	37.47 2.22 0.00	37.43 2.35 0.00	37.28 2.24 0.00	38.30 2.13 0.00	46.16 2.40 0.00	62.39 2.75 0.00	73.48 3.37 0.00	67.51 2.91 0.00	60.14 2.65 0.00	53.62 2.46 0.00	50.98 2.05 0.00	46.11 1.78 0.00
BRADY___115KV_TB2 356060	40.75 0.48 0.00	38.74 0.46 0.00	36.87 0.40 0.00	36.77 0.36 0.00	37.29 0.44 0.00	38.19 0.45 0.00	45.77 0.81 0.00	52.96 1.04 0.00	54.01 1.06 0.00	42.62 0.46 0.00	38.64 0.46 0.00	37.79 0.70 0.00	35.81 0.56 0.00	35.43 0.35 0.00	35.42 0.39 0.00	36.60 0.43 0.00	44.72 0.96 0.00	61.32 1.67 0.00	72.43 2.31 0.00	67.06 2.45 0.00	59.73 2.24 0.00	53.01 1.84 0.00	50.83 1.91 0.00	45.98 1.64 0.00
BRANSCOMB___SOLAR 323811	41.84 1.57 0.00	39.62 1.34 0.00	37.68 1.20 0.00	37.71 1.31 0.00	38.11 1.25 0.00	39.13 1.40 0.00	46.57 1.62 0.00	53.95 2.02 0.00	54.80 1.85 0.00	43.42 1.26 0.00	39.40 1.22 0.00	37.98 0.89 0.00	36.02 0.77 0.00	35.81 0.74 0.00	35.98 0.95 0.00	37.21 1.05 0.00	44.94 1.18 0.00	61.61 1.97 0.00	72.50 2.39 0.00	66.54 1.94 0.00	59.10 1.61 0.00	52.55 1.38 0.00	50.00 1.07 0.00	45.14 0.80 0.00
BRDGHMPT_69_KV_BK1 55812	42.08 1.81 0.01	39.23 0.96 0.01	37.01 0.55 0.01	36.91 0.51 0.01	37.29 0.44 0.01	38.90 1.17 0.01	36.47 0.54 9.03	47.36 -1.45 3.11	40.36 -1.91 10.69	32.86 0.00 9.30	35.60 1.18 3.76	34.69 0.85 3.25	36.62 1.37 0.01	37.39 2.31 0.00	35.33 1.16 0.86	37.24 1.08 0.01	45.19 1.44 0.01	53.64 0.12 6.13	63.58 1.33 7.87	52.84 0.97 12.73	50.25 0.75 7.99	48.06 0.82 3.93	47.16 -0.39 1.38	44.82 0.49 0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	43.28 3.02 0.01	40.38 2.11 0.01	38.18 1.71 0.01	38.07 1.67 0.01	38.47 1.62 0.01	39.84 2.11 0.01	46.54 2.38 0.80	50.15 0.31 2.09	49.72 0.16 3.39	42.85 1.52 0.82	40.40 2.56 0.34	38.95 2.15 0.29	37.68 2.43 0.01	38.41 3.33 0.00	37.41 2.45 0.08	38.44 2.28 0.01	46.59 2.84 0.01	55.02 1.13 5.76	65.17 2.45 7.41	54.62 2.00 11.98	51.59 1.61 7.51	49.06 1.59 3.69	48.07 0.44 1.29	46.06 1.73 0.01
BRISTLHL_115KV_TB1 79998	39.59 -0.68 0.00	37.75 -0.54 0.00	36.00 -0.47 0.00	35.93 -0.47 0.00	36.37 -0.48 0.00	37.13 -0.60 0.00	44.15 -0.81 0.00	50.99 -0.93 0.00	52.10 -0.85 0.00	41.52 -0.63 0.00	37.64 -0.53 0.00	36.50 -0.59 0.00	34.72 -0.53 0.00	34.58 -0.49 0.00	34.48 -0.56 0.00	35.59 -0.58 0.00	42.92 -0.83 0.00	58.46 -1.19 0.00	68.72 -1.40 0.00	63.31 -1.29 0.00	56.28 -1.21 0.00	50.19 -0.97 0.00	48.09 -0.83 0.00	43.54 -0.80 0.00
BROOKHAVEN___DRP 24191	42.24 1.97 0.01	39.39 1.11 0.01	37.20 0.73 0.01	37.09 0.69 0.01	37.47 0.63 0.01	39.01 1.28 0.01	36.91 0.99 9.04	47.83 -0.99 3.11	40.87 -1.38 10.70	33.27 0.42 9.31	35.90 1.49 3.77	35.06 1.22 3.25	36.90 1.66 0.01	37.67 2.60 0.00	35.65 1.47 0.86	37.53 1.37 0.01	45.50 1.75 0.01	53.81 0.30 6.14	63.71 1.47 7.88	53.02 1.16 12.75	50.41 0.92 8.00	48.21 0.97 3.93	47.35 -0.20 1.38	44.91 0.58 0.01
BROOKLYN_NAVY_YARD 23515	43.05 2.78 0.00	40.46 2.18 0.00	38.37 1.90 0.00	38.33 1.93 0.00	38.80 1.95 0.00	39.89 2.15 0.00	47.57 2.61 0.00	55.15 3.22 0.00	56.07 3.12 0.00	44.94 2.78 0.00	40.93 2.75 0.00	39.79 2.71 0.00	37.86 2.61 0.00	37.85 2.77 0.00	37.67 2.63 0.00	38.66 2.49 0.00	46.60 2.84 0.00	62.75 3.10 0.00	73.83 3.71 0.00	67.89 3.29 0.00	60.59 3.10 0.00	53.98 2.81 0.00	51.32 2.40 0.00	46.38 2.04 0.00
BROOKLYN___ARMY_DRP 323595	43.49 3.22 0.00	40.89 2.60 0.00	38.77 2.30 0.00	38.74 2.33 0.00	39.14 2.28 0.00	40.23 2.49 0.00	47.75 2.79 0.00	55.04 3.12 0.00	55.81 2.86 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.91 2.82 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.77 2.60 0.00	46.86 3.11 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.21 3.62 0.01	60.88 3.39 0.00	54.34 3.17 0.00	51.71 2.79 0.00	46.78 2.44 0.00
BROOME_2_LFGE 323671	40.35 0.08 0.00	38.55 0.27 0.00	36.84 0.36 0.00	36.73 0.33 0.00	37.22 0.37 0.00	38.15 0.42 0.00	45.45 0.50 0.00	52.34 0.41 0.00	53.48 0.53 0.00	42.66 0.51 0.00	38.60 0.42 0.00	37.42 0.33 0.00	35.60 0.35 0.00	35.50 0.42 0.00	35.32 0.28 0.00	36.45 0.29 0.00	43.93 0.18 0.00	59.83 0.18 0.00	70.61 0.49 0.00	64.99 0.39 0.00	57.78 0.29 0.00	51.47 0.31 0.00	49.41 0.49 0.00	44.91 0.57 0.00
BROOME___LFGE 323600	40.35 0.08 0.00	38.55 0.27 0.00	36.84 0.36 0.00	36.73 0.33 0.00	37.22 0.37 0.00	38.15 0.42 0.00	45.45 0.50 0.00	52.34 0.41 0.00	53.48 0.53 0.00	42.66 0.51 0.00	38.60 0.42 0.00	37.42 0.33 0.00	35.60 0.35 0.00	35.50 0.42 0.00	35.32 0.28 0.00	36.45 0.29 0.00	43.93 0.18 0.00	59.83 0.18 0.00	70.61 0.49 0.00	64.99 0.39 0.00	57.78 0.29 0.00	51.47 0.31 0.00	49.41 0.49 0.00	44.91 0.57 0.00
BROWNFLS_115KV_TB_3_5 80003	40.35 0.08 0.00	38.36 0.08 0.00	36.51 0.04 0.00	36.33 -0.07 0.00	36.89 0.04 0.00	37.77 0.04 0.00	45.14 0.18 0.00	52.39 0.47 0.00	53.37 0.42 0.00	42.07 -0.08 0.00	38.14 -0.04 0.00	37.24 0.15 0.00	35.29 0.04 0.00	34.97 -0.11 0.00	34.93 -0.11 0.00	36.13 -0.04 0.00	44.28 0.53 0.00	60.72 1.07 0.00	71.80 1.68 0.00	66.41 1.81 0.00	58.99 1.49 0.00	52.49 1.33 0.00	50.25 1.32 0.00	45.45 1.11 0.00
BROWNSV1_27_KV_LOAD 356125	43.37 3.10 0.00	40.85 2.56 0.00	38.70 2.22 0.00	38.70 2.29 0.00	39.10 2.25 0.00	40.30 2.57 0.00	48.02 3.06 0.00	55.51 3.58 0.00	56.44 3.49 0.00	45.36 3.20 0.00	41.35 3.17 0.00	40.20 3.12 0.00	38.42 3.17 0.00	38.30 3.23 0.00	38.05 3.01 0.00	39.02 2.86 0.00	47.12 3.37 0.00	63.53 3.88 0.00	74.75 4.63 0.00	68.67 4.07 0.00	61.34 3.85 0.00	54.64 3.48 0.00	51.86 2.94 0.00	46.78 2.44 0.00
BURROWS___LYONSDAL 23803	40.63 0.36 0.00	38.63 0.34 0.00	36.77 0.29 0.00	36.59 0.18 0.00	37.18 0.33 0.00	38.08 0.34 0.00	45.41 0.45 0.00	52.65 0.73 0.00	53.64 0.69 0.00	42.28 0.13 0.00	38.29 0.11 0.00	37.27 0.19 0.00	35.32 0.07 0.00	35.15 0.07 0.00	35.07 0.04 0.00	36.27 0.11 0.00	44.41 0.66 0.00	60.78 1.13 0.00	71.80 1.68 0.00	66.34 1.74 0.00	58.76 1.26 0.00	52.34 1.18 0.00	50.00 1.08 0.00	45.31 0.98 0.00
CAITHNESS_CC_1 323624	42.28 2.01 0.01	39.35 1.07 0.01	37.23 0.77 0.01	37.09 0.69 0.01	37.58 0.74 0.01	38.86 1.13 0.01	36.85 0.95 9.05	48.66 -0.16 3.11	41.13 -1.11 10.71	33.22 0.38 9.32	35.93 1.53 3.77	35.06 1.22 3.25	36.58 1.34 0.01	37.60 2.53 0.00	35.64 1.47 0.86	37.57 1.41 0.01	45.28 1.53 0.01	53.87 0.36 6.14	63.49 1.26 7.89	52.87 1.03 12.76	50.12 0.63 8.01	48.00 0.77 3.94	47.35 -0.19 1.38	44.90 0.57 0.01
CALPINE BETH_PAGE_GT4 24209	43.13 2.86 0.00	40.31 2.03 0.00	38.15 1.68 0.00	38.04 1.64 0.00	38.43 1.58 0.00	39.69 1.96 0.00	47.02 2.07 0.00	51.24 0.42 1.10	51.52 0.05 1.49	43.54 1.39 0.00	40.54 2.37 0.00	39.12 2.04 0.00	37.57 2.33 0.00	38.23 3.16 0.00	37.31 2.28 0.00	38.29 2.13 0.00	46.42 2.67 0.00	58.09 1.61 3.17	68.93 2.87 4.06	60.41 2.39 6.58	55.38 2.01 4.13	51.03 1.89 2.03	49.14 0.93 0.71	45.80 1.46 0.00
CALPINE_BETH_PAGE_GT_4 323586	43.13 2.86 0.00	40.23 1.95 0.00	38.07 1.60 0.00	37.96 1.56 0.00	38.47 1.62 0.00	39.35 1.62 0.00	46.80 1.84 0.00	51.81 0.98 1.10	51.68 0.21 1.49	43.38 1.22 0.00	40.43 2.25 0.00	39.01 1.93 0.00	37.29 2.04 0.00	38.05 2.98 0.00	37.21 2.17 0.00	38.26 2.10 0.00	46.16 2.40 0.00	58.03 1.55 3.17	68.57 2.52 4.06	60.22 2.20 6.58	55.03 1.67 4.13	50.77 1.64 2.03	49.04 0.83 0.71	45.75 1.42 0.00
CALPINE_BP_GT1 23823	43.13 2.86 0.00	40.23 1.95 0.00	38.07 1.60 0.00	37.96 1.56 0.00	38.47 1.62 0.00	39.35 1.62 0.00	46.80 1.84 0.00	51.81 0.98 1.10	51.68 0.21 1.49	43.38 1.22 0.00	40.43 2.25 0.00	39.01 1.93 0.00	37.29 2.04 0.00	38.05 2.98 0.00	37.21 2.17 0.00	38.26 2.10 0.00	46.16 2.40 0.00	58.03 1.55 3.17	68.57 2.52 4.06	60.22 2.20 6.58	55.03 1.67 4.13	50.77 1.64 2.03	49.04 0.83 0.71	45.75 1.42 0.00
CALSPAN___DRP 24200	37.01 -3.26 0.00	36.45 -1.84 0.00	35.27 -1.20 0.00	35.17 -1.24 0.00	35.67 -1.18 0.00	36.72 -1.02 0.00	43.16 -1.80 0.00	49.07 -2.86 0.00	50.46 -2.49 0.00	40.68 -1.48 0.00	37.03 -1.15 0.00	35.75 -1.34 0.00	34.19 -1.06 0.00	33.95 -1.12 0.00	33.49 -1.54 0.00	34.79 -1.37 0.00	41.22 -2.54 0.00	55.53 -4.12 0.00	65.56 -4.56 0.00	60.60 -4.01 0.00	53.75 -3.74 0.00	48.86 -2.30 0.00	48.09 -0.83 0.00	44.38 0.04 0.00

CALVERTON___SOLAR 323806	42.16 1.89 0.01	39.19 0.92 0.01	37.09 0.62 0.01	36.98 0.58 0.01	37.43 0.59 0.01	38.78 1.06 0.01	36.63 0.72 9.04	48.40 -0.42 3.11	40.87 -1.38 10.70	33.02 0.17 9.31	35.71 1.30 3.77	34.87 1.04 3.25	36.40 1.16 0.01	37.46 2.39 0.00	35.47 1.30 0.86	37.39 1.23 0.01	45.10 1.36 0.01	53.70 0.18 6.13	63.36 1.12 7.88	52.76 0.90 12.74	49.95 0.46 8.00	47.90 0.66 3.93	47.21 -0.34 1.38	44.77 0.44 0.01
CANDIGU_WT_PWR 323617	37.05 -3.22 0.00	36.29 -1.99 0.00	35.16 -1.31 0.00	35.02 -1.38 0.00	35.53 -1.33 0.00	36.72 -1.02 0.00	43.65 -1.31 0.00	49.64 -2.28 0.00	51.05 -1.90 0.00	40.93 -1.22 0.00	36.73 -1.45 0.00	35.49 -1.59 0.00	33.77 -1.48 0.00	33.71 -1.37 0.00	33.36 -1.68 0.00	34.57 -1.59 0.00	41.26 -2.49 0.00	56.61 -3.04 0.00	67.73 -2.38 0.00	62.40 -2.20 0.00	55.19 -2.30 0.00	49.53 -1.64 0.00	48.48 -0.44 0.00	44.56 0.22 0.00
CARR STREET_E_SYR 24060	39.79 -0.48 0.00	37.98 -0.31 0.00	36.22 -0.25 0.00	36.15 -0.25 0.00	36.60 -0.26 0.00	37.40 -0.34 0.00	44.47 -0.49 0.00	51.36 -0.57 0.00	52.42 -0.53 0.00	41.86 -0.29 0.00	37.87 -0.31 0.00	36.75 -0.33 0.00	34.97 -0.28 0.00	34.83 -0.24 0.00	34.72 -0.32 0.00	35.84 -0.33 0.00	43.19 -0.57 0.00	58.87 -0.78 0.00	69.28 -0.84 0.00	63.76 -0.84 0.00	56.69 -0.80 0.00	50.50 -0.67 0.00	48.39 -0.54 0.00	43.85 -0.49 0.00
CARTHAGE___PAPER 23857	40.31 0.04 0.00	38.28 0.00 0.00	36.44 -0.04 0.00	36.15 -0.25 0.00	36.81 -0.04 0.00	37.66 -0.08 0.00	44.96 0.00 0.00	52.19 0.26 0.00	53.11 0.16 0.00	41.65 -0.50 0.00	37.72 -0.46 0.00	36.72 -0.37 0.00	34.76 -0.49 0.00	34.55 -0.53 0.00	34.48 -0.56 0.00	35.73 -0.43 0.00	43.93 0.18 0.00	60.48 0.83 0.00	71.73 1.61 0.00	66.41 1.81 0.00	58.70 1.21 0.00	52.29 1.12 0.00	49.95 1.03 0.00	45.18 0.84 0.00
CASSADAGA_WT_PWR 323784	36.16 -4.11 0.00	35.68 -2.60 0.00	34.69 -1.79 0.00	34.59 -1.82 0.00	35.16 -1.69 0.00	36.49 -1.24 0.00	43.34 -1.62 0.00	49.22 -2.70 0.00	50.83 -2.12 0.00	41.23 -0.93 0.00	37.11 -1.07 0.00	35.79 -1.30 0.00	34.19 -1.06 0.00	34.09 -0.98 0.00	33.50 -1.54 0.00	34.79 -1.37 0.00	41.39 -2.36 0.00	56.61 -3.04 0.00	68.08 -2.04 0.00	62.79 -1.81 0.00	55.31 -2.18 0.00	49.99 -1.17 0.00	49.31 0.39 0.00	45.31 0.97 0.00
CE_DUNWOOD___DRP 24194	42.89 2.62 0.00	40.43 2.14 0.00	38.33 1.86 0.00	38.33 1.93 0.00	38.73 1.88 0.00	39.89 2.15 0.00	47.52 2.56 0.00	54.89 2.96 0.00	55.81 2.86 0.00	44.77 2.61 0.00	40.77 2.60 0.00	39.65 2.56 0.00	37.82 2.57 0.00	37.74 2.67 0.00	37.52 2.49 0.00	38.51 2.35 0.00	46.51 2.76 0.00	62.81 3.16 0.00	73.90 3.79 0.00	67.90 3.29 0.00	60.60 3.10 0.00	53.98 2.81 0.00	51.22 2.30 0.00	46.24 1.91 0.00
CE_MILLWOOD___DRP 24193	42.85 2.58 0.00	40.39 2.11 0.00	38.30 1.82 0.00	38.30 1.89 0.00	38.69 1.84 0.00	39.85 2.11 0.00	47.48 2.52 0.00	54.83 2.91 0.00	55.76 2.81 0.00	44.73 2.57 0.00	40.73 2.56 0.00	39.57 2.48 0.00	37.75 2.50 0.00	37.67 2.60 0.00	37.45 2.42 0.00	38.44 2.28 0.00	46.47 2.71 0.00	62.75 3.10 0.00	73.83 3.72 0.00	67.83 3.23 0.00	60.54 3.05 0.00	53.93 2.76 0.00	51.17 2.25 0.00	46.20 1.86 0.00
CE_NYC2_DRP 24202	43.21 2.94 0.00	40.66 2.37 0.00	38.55 2.08 0.00	38.52 2.11 0.00	38.92 2.06 0.00	40.04 2.30 0.00	47.57 2.61 0.00	54.89 2.96 0.00	55.76 2.81 0.00	44.90 2.74 0.00	40.93 2.75 0.00	39.83 2.74 0.00	38.07 2.82 0.00	37.99 2.91 0.00	37.74 2.70 0.00	38.70 2.53 0.00	46.69 2.93 0.00	62.75 3.10 0.00	73.76 3.65 0.01	67.69 3.10 0.01	60.65 3.16 0.00	54.08 2.92 0.00	51.42 2.50 0.00	46.46 2.13 0.00
CE_NYC_DRP 24195	43.17 2.90 0.00	40.62 2.34 0.00	38.52 2.04 0.00	38.52 2.11 0.00	38.92 2.06 0.00	40.11 2.38 0.00	47.75 2.79 0.00	55.25 3.32 0.00	56.13 3.18 0.00	45.11 2.95 0.00	41.12 2.94 0.00	39.98 2.89 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.84 2.68 0.00	46.86 3.11 0.00	63.17 3.52 0.00	74.33 4.21 0.00	68.22 3.62 0.00	61.00 3.51 0.00	54.34 3.17 0.00	51.52 2.59 0.00	46.51 2.17 0.00
CHAFFEE___LFGE 323603	37.09 -3.18 0.00	36.52 -1.76 0.00	35.41 -1.06 0.00	35.17 -1.24 0.00	35.64 -1.22 0.00	36.87 -0.87 0.00	43.56 -1.39 0.00	49.28 -2.65 0.00	50.78 -2.17 0.00	41.14 -1.01 0.00	37.03 -1.14 0.00	35.79 -1.30 0.00	34.23 -1.02 0.00	34.16 -0.91 0.00	33.60 -1.44 0.00	34.83 -1.34 0.00	41.22 -2.54 0.00	56.01 -3.64 0.00	66.68 -3.43 0.00	61.57 -3.04 0.00	54.22 -3.27 0.00	48.97 -2.20 0.00	48.24 -0.68 0.00	44.43 0.09 0.00
CHATEAUG_35_KV_LOAD 355732	39.14 -1.13 0.00	37.17 -1.11 0.00	35.38 -1.09 0.00	35.35 -1.06 0.00	35.82 -1.03 0.00	36.72 -1.02 0.00	44.01 -0.94 0.00	50.94 -0.99 0.00	52.00 -0.95 0.00	41.31 -0.84 0.00	37.45 -0.73 0.00	36.61 -0.48 0.00	34.76 -0.49 0.00	34.41 -0.67 0.00	34.44 -0.60 0.00	35.59 -0.58 0.00	43.45 -0.31 0.00	59.59 -0.06 0.00	70.33 0.21 0.00	65.05 0.45 0.00	58.18 0.69 0.00	51.62 0.46 0.00	49.61 0.68 0.00	44.91 0.58 0.00
CHATEAUG_WT_PWR 323614	39.14 -1.13 0.00	37.21 -1.07 0.00	35.38 -1.09 0.00	35.35 -1.06 0.00	35.82 -1.03 0.00	36.72 -1.02 0.00	43.97 -0.99 0.00	50.89 -1.04 0.00	52.00 -0.95 0.00	41.31 -0.84 0.00	37.49 -0.69 0.00	36.61 -0.48 0.00	34.79 -0.46 0.00	34.48 -0.60 0.00	34.48 -0.56 0.00	35.62 -0.54 0.00	43.40 -0.35 0.00	59.53 -0.12 0.00	70.12 0.00 0.00	64.93 0.32 0.00	57.95 0.46 0.00	51.47 0.31 0.00	49.46 0.54 0.00	44.83 0.49 0.00
CHAT_HIGH_FALL_HYD 323578	39.14 -1.13 0.00	37.17 -1.11 0.00	35.38 -1.09 0.00	35.35 -1.06 0.00	35.82 -1.03 0.00	36.72 -1.02 0.00	44.01 -0.94 0.00	50.94 -0.99 0.00	52.00 -0.95 0.00	41.31 -0.84 0.00	37.45 -0.73 0.00	36.61 -0.48 0.00	34.76 -0.49 0.00	34.41 -0.67 0.00	34.44 -0.60 0.00	35.59 -0.58 0.00	43.45 -0.31 0.00	59.59 -0.06 0.00	70.33 0.21 0.00	65.05 0.45 0.00	58.18 0.69 0.00	51.62 0.46 0.00	49.61 0.68 0.00	44.91 0.58 0.00
CHAUTAUQUA___LFGE 323629	36.93 -3.34 0.00	36.41 -1.87 0.00	35.30 -1.17 0.00	35.13 -1.28 0.00	35.67 -1.18 0.00	36.91 -0.83 0.00	43.75 -1.21 0.00	49.54 -2.39 0.00	51.05 -1.90 0.00	41.40 -0.76 0.00	37.26 -0.92 0.00	35.98 -1.11 0.00	34.37 -0.88 0.00	34.30 -0.77 0.00	33.74 -1.30 0.00	34.97 -1.19 0.00	41.48 -2.28 0.00	56.49 -3.16 0.00	67.60 -2.52 0.00	62.40 -2.20 0.00	54.96 -2.53 0.00	49.63 -1.53 0.00	48.92 0.00 0.00	45.00 0.67 0.00
CHERRYST_13_KV_LD 356241	43.25 2.98 0.00	40.69 2.41 0.00	38.59 2.12 0.00	38.59 2.18 0.00	38.99 2.14 0.00	40.19 2.45 0.00	47.88 2.92 0.00	55.35 3.43 0.00	56.29 3.34 0.00	45.23 3.08 0.00	41.23 3.05 0.00	40.09 3.00 0.00	38.28 3.03 0.00	38.20 3.12 0.00	37.95 2.91 0.00	38.91 2.75 0.00	46.99 3.24 0.00	63.35 3.70 0.00	74.54 4.42 0.00	68.41 3.81 0.00	61.11 3.62 0.00	54.44 3.27 0.00	51.66 2.74 0.00	46.60 2.26 0.00

CHESTROR_138KV_BK263 355645	42.65 2.38 0.00	40.24 1.95 0.00	38.19 1.71 0.00	38.15 1.75 0.00	38.58 1.73 0.00	39.70 1.96 0.00	47.30 2.34 0.00	54.68 2.75 0.00	55.54 2.59 0.00	44.48 2.32 0.00	40.43 2.25 0.00	39.28 2.19 0.00	37.47 2.22 0.00	37.36 2.28 0.00	37.17 2.14 0.00	38.19 2.03 0.00	46.21 2.45 0.00	62.57 2.92 0.00	73.62 3.51 0.00	67.64 3.04 0.00	60.31 2.82 0.00	53.72 2.56 0.00	51.03 2.10 0.00	46.07 1.73 0.00
CH_MIDHUDSON___DRP 24192	42.69 2.42 0.00	40.27 1.99 0.00	38.19 1.71 0.00	38.19 1.78 0.00	38.58 1.73 0.00	39.70 1.96 0.00	47.34 2.38 0.00	54.68 2.75 0.00	55.65 2.70 0.00	44.52 2.36 0.00	40.47 2.29 0.00	39.28 2.19 0.00	37.44 2.19 0.00	37.32 2.24 0.00	37.17 2.14 0.00	38.23 2.06 0.00	46.25 2.49 0.00	62.69 3.04 0.00	73.69 3.58 0.00	67.70 3.10 0.00	60.37 2.87 0.00	53.77 2.61 0.00	51.08 2.15 0.00	46.07 1.73 0.00
CH_MISC_IPPS 23765	42.89 2.62 0.00	40.43 2.14 0.00	38.33 1.86 0.00	38.33 1.93 0.00	38.77 1.92 0.00	39.81 2.07 0.00	47.52 2.56 0.00	54.94 3.01 0.00	55.86 2.91 0.00	44.60 2.44 0.00	40.54 2.37 0.00	39.35 2.26 0.00	37.44 2.19 0.00	37.32 2.25 0.00	37.25 2.21 0.00	38.33 2.17 0.00	46.34 2.58 0.00	62.81 3.16 0.00	73.90 3.78 0.00	67.89 3.29 0.00	60.48 2.99 0.00	53.93 2.76 0.00	51.27 2.35 0.00	46.33 2.00 0.00
CH_RES_BVR_FALLS 23983	39.22 -1.05 0.00	37.25 -1.03 0.00	35.45 -1.02 0.00	35.42 -0.98 0.00	35.89 -0.96 0.00	36.79 -0.94 0.00	43.97 -0.99 0.00	50.89 -1.04 0.00	52.00 -0.95 0.00	41.35 -0.80 0.00	37.49 -0.69 0.00	36.49 -0.59 0.00	34.68 -0.57 0.00	34.44 -0.63 0.00	34.48 -0.56 0.00	35.62 -0.54 0.00	43.27 -0.48 0.00	59.23 -0.41 0.00	69.77 -0.35 0.00	64.47 -0.13 0.00	57.43 -0.06 0.00	51.11 -0.05 0.00	48.92 0.00 0.00	44.38 0.04 0.00
CH_RES_NIAGARA 23895	36.36 -3.91 0.00	35.91 -2.37 0.00	34.76 -1.71 0.00	34.66 -1.75 0.00	35.12 -1.73 0.00	36.04 -1.70 0.00	42.31 -2.65 0.00	47.98 -3.95 0.00	49.35 -3.60 0.00	39.84 -2.32 0.00	36.31 -1.87 0.00	35.07 -2.00 0.02	33.54 -1.69 0.02	33.32 -1.75 0.00	32.88 -2.14 0.02	34.14 -2.03 0.00	40.34 -3.41 0.00	54.10 -5.55 0.00	63.53 -6.59 0.00	58.79 -5.81 0.00	52.20 -5.29 0.00	47.53 -3.63 0.00	46.82 -2.10 0.00	43.27 -1.06 0.00
CH_RES_SYRACUSE 23985	40.03 -0.24 0.00	38.21 -0.08 0.00	36.44 -0.04 0.00	36.37 -0.04 0.00	36.81 -0.04 0.00	37.62 -0.11 0.00	44.78 -0.18 0.00	51.67 -0.26 0.00	52.79 -0.16 0.00	42.16 0.00 0.00	38.14 -0.04 0.00	37.01 -0.07 0.00	35.18 -0.07 0.00	35.08 0.00 0.00	34.93 -0.10 0.00	36.06 -0.11 0.00	43.49 -0.26 0.00	59.29 -0.36 0.00	69.77 -0.35 0.00	64.22 -0.39 0.00	57.15 -0.34 0.00	50.86 -0.31 0.00	48.73 -0.19 0.00	44.16 -0.18 0.00
CLINTON_WT_PWR 323605	39.14 -1.13 0.00	37.21 -1.07 0.00	35.38 -1.09 0.00	35.35 -1.06 0.00	35.82 -1.03 0.00	36.72 -1.02 0.00	43.97 -0.99 0.00	50.89 -1.04 0.00	52.00 -0.95 0.00	41.31 -0.84 0.00	37.49 -0.69 0.00	36.61 -0.48 0.00	34.79 -0.46 0.00	34.48 -0.60 0.00	34.48 -0.56 0.00	35.62 -0.54 0.00	43.40 -0.35 0.00	59.53 -0.12 0.00	70.12 0.00 0.00	64.93 0.32 0.00	57.95 0.46 0.00	51.47 0.31 0.00	49.46 0.54 0.00	44.83 0.49 0.00
CLINTON___LFGE 323618	39.47 -0.81 0.00	37.52 -0.77 0.00	35.67 -0.80 0.00	35.64 -0.77 0.00	36.11 -0.74 0.00	37.02 -0.72 0.00	44.37 -0.59 0.00	51.41 -0.52 0.00	52.58 -0.37 0.00	41.69 -0.46 0.00	37.83 -0.34 0.00	37.05 -0.04 0.00	35.18 -0.07 0.00	34.76 -0.32 0.00	34.79 -0.24 0.00	35.95 -0.22 0.00	43.93 0.18 0.00	60.31 0.66 0.00	71.10 0.98 0.00	65.96 1.36 0.00	58.93 1.44 0.00	52.24 1.08 0.00	50.25 1.32 0.00	45.45 1.11 0.00
COBBLENY_34_KV_TB1 80064	37.01 -3.26 0.00	36.41 -1.88 0.00	35.23 -1.24 0.00	35.13 -1.27 0.00	35.64 -1.22 0.00	36.68 -1.06 0.00	43.16 -1.80 0.00	49.07 -2.86 0.00	50.51 -2.44 0.00	40.72 -1.43 0.00	37.03 -1.15 0.00	35.75 -1.34 0.00	34.19 -1.06 0.00	33.99 -1.09 0.00	33.49 -1.54 0.00	34.83 -1.34 0.00	41.26 -2.49 0.00	55.59 -4.06 0.00	65.70 -4.42 0.00	60.66 -3.94 0.00	53.81 -3.68 0.00	48.91 -2.25 0.00	48.09 -0.83 0.00	44.34 0.00 0.00
COFFEEN___115KV_TB3 355620	40.47 0.20 0.00	38.47 0.19 0.00	36.58 0.11 0.00	36.30 -0.11 0.00	37.00 0.15 0.00	37.85 0.11 0.00	45.09 0.13 0.00	52.45 0.52 0.00	53.37 0.42 0.00	41.74 -0.42 0.00	37.76 -0.42 0.00	36.75 -0.33 0.00	34.76 -0.49 0.00	34.55 -0.53 0.00	34.48 -0.56 0.00	35.77 -0.40 0.00	43.93 0.18 0.00	60.48 0.84 0.00	71.94 1.82 0.00	66.60 2.00 0.00	58.76 1.26 0.00	52.44 1.28 0.00	50.05 1.13 0.00	45.27 0.93 0.00
COLDSPRG_115KV_BK1 355956	36.81 -3.46 0.00	36.22 -2.07 0.00	35.05 -1.42 0.00	35.02 -1.38 0.00	35.60 -1.25 0.00	36.75 -0.98 0.00	43.47 -1.48 0.00	49.59 -2.34 0.00	51.10 -1.85 0.00	41.19 -0.97 0.00	37.41 -0.76 0.00	36.09 -1.00 0.00	34.47 -0.78 0.00	34.23 -0.84 0.00	33.67 -1.37 0.00	35.04 -1.12 0.00	41.61 -2.14 0.00	56.49 -3.16 0.00	67.17 -2.94 0.00	61.95 -2.65 0.00	54.90 -2.59 0.00	49.89 -1.28 0.00	49.07 0.15 0.00	45.05 0.71 0.00
COLONIE_LFGE___ 323577	41.64 1.37 0.00	39.39 1.11 0.00	37.49 1.02 0.00	37.50 1.09 0.00	37.88 1.03 0.00	38.91 1.17 0.00	46.35 1.40 0.00	53.64 1.71 0.00	54.59 1.64 0.00	43.25 1.09 0.00	39.06 0.88 0.00	37.76 0.67 0.00	35.89 0.64 0.00	35.67 0.60 0.00	35.81 0.77 0.00	37.03 0.87 0.00	44.89 1.14 0.00	61.38 1.73 0.00	71.80 1.68 0.00	65.96 1.36 0.00	58.58 1.09 0.00	52.03 0.87 0.00	49.46 0.54 0.00	44.60 0.27 0.00
COOPERNY_115KV_TB1 80082	42.12 1.85 0.00	39.81 1.53 0.00	37.82 1.35 0.00	37.79 1.38 0.00	38.25 1.40 0.00	39.32 1.58 0.00	46.85 1.89 0.00	54.11 2.18 0.00	55.07 2.12 0.00	44.01 1.85 0.00	39.97 1.79 0.00	38.83 1.74 0.00	36.98 1.73 0.00	36.86 1.79 0.00	36.72 1.68 0.00	37.79 1.63 0.00	45.68 1.93 0.00	61.92 2.27 0.00	72.92 2.80 0.00	66.99 2.39 0.00	59.73 2.24 0.00	53.21 2.05 0.00	50.64 1.71 0.00	45.76 1.42 0.00
COPENHAGEN_WT_PWR 323753	40.23 -0.04 0.00	38.28 0.00 0.00	36.44 -0.04 0.00	36.15 -0.25 0.00	36.81 -0.04 0.00	37.62 -0.11 0.00	44.82 -0.13 0.00	52.08 0.16 0.00	53.00 0.05 0.00	41.65 -0.50 0.00	37.64 -0.53 0.00	36.65 -0.44 0.00	34.68 -0.57 0.00	34.51 -0.56 0.00	34.41 -0.63 0.00	35.66 -0.51 0.00	43.71 -0.04 0.00	60.12 0.47 0.00	71.31 1.19 0.00	65.96 1.36 0.00	58.30 0.80 0.00	51.98 0.82 0.00	49.66 0.73 0.00	44.91 0.57 0.00
CORNELL_____ 23752	40.75 0.48 0.00	38.93 0.65 0.00	37.13 0.66 0.00	37.06 0.66 0.00	37.55 0.70 0.00	38.45 0.72 0.00	45.86 0.90 0.00	52.91 0.99 0.00	54.01 1.06 0.00	42.87 0.72 0.00	38.79 0.61 0.00	37.64 0.56 0.00	35.78 0.53 0.00	35.60 0.53 0.00	35.49 0.46 0.00	36.74 0.58 0.00	44.41 0.66 0.00	60.60 0.95 0.00	71.52 1.40 0.00	65.89 1.29 0.00	58.58 1.09 0.00	52.19 1.02 0.00	50.00 1.08 0.00	45.40 1.06 0.00

CORONA V_69_KV_TB1 355595	43.34 3.06 -0.01	40.55 2.26 -0.01	38.34 1.86 -0.01	38.27 1.86 -0.01	38.66 1.81 -0.01	39.93 2.19 -0.01	47.48 2.52 -0.01	55.25 1.09 -2.24	56.71 0.74 -3.02	44.02 1.85 -0.01	40.97 2.79 -0.01	39.51 2.41 -0.01	37.90 2.64 -0.01	38.51 3.44 0.00	37.67 2.63 -0.01	38.67 2.50 -0.01	46.91 3.15 -0.01	68.41 2.33 -6.43	79.80 3.65 -6.03	77.46 3.10 -9.76	68.58 2.70 -8.39	56.68 2.51 -3.01	51.89 1.52 -1.44	46.34 2.00 -0.01
CORTLAND_115KV_TB3 80093	40.63 0.36 0.00	38.74 0.46 0.00	36.95 0.47 0.00	36.84 0.44 0.00	37.33 0.48 0.00	38.23 0.49 0.00	45.54 0.58 0.00	52.60 0.68 0.00	53.69 0.74 0.00	42.66 0.51 0.00	38.64 0.46 0.00	37.50 0.41 0.00	35.64 0.39 0.00	35.50 0.42 0.00	35.35 0.32 0.00	36.56 0.40 0.00	44.15 0.39 0.00	60.19 0.54 0.00	70.89 0.77 0.00	65.31 0.71 0.00	58.07 0.57 0.00	51.73 0.56 0.00	49.51 0.59 0.00	44.91 0.58 0.00
COXSACKIE___GT 23611	42.52 2.25 0.00	40.27 1.99 0.00	38.26 1.79 0.00	38.30 1.89 0.00	38.69 1.84 0.00	39.66 1.92 0.00	47.38 2.43 0.00	54.83 2.91 0.00	55.65 2.70 0.00	43.76 1.60 0.00	39.24 1.07 0.00	37.83 0.74 0.00	35.95 0.70 0.00	35.71 0.63 0.00	35.91 0.88 0.00	37.32 1.16 0.00	45.73 1.97 0.00	63.11 3.46 0.00	74.18 4.07 0.00	68.02 3.42 0.00	60.42 2.93 0.00	53.77 2.61 0.00	51.07 2.15 0.00	46.02 1.68 0.00
CPV_VALLEY___CC1 323721	42.60 2.33 0.00	40.16 1.88 0.00	38.12 1.64 0.00	38.08 1.68 0.00	38.55 1.70 0.00	39.58 1.85 0.00	47.21 2.25 0.00	54.57 2.65 0.00	55.49 2.54 0.00	44.39 2.23 0.00	40.39 2.21 0.00	39.24 2.15 0.00	37.29 2.04 0.00	37.25 2.18 0.00	37.10 2.07 0.00	38.15 1.99 0.00	46.03 2.27 0.00	62.21 2.56 0.00	73.28 3.16 0.00	67.38 2.78 0.00	59.96 2.47 0.00	53.47 2.30 0.00	50.88 1.96 0.00	46.02 1.68 0.00
CPV_VALLEY___CC2 323722	42.60 2.33 0.00	40.16 1.88 0.00	38.12 1.64 0.00	38.08 1.68 0.00	38.55 1.70 0.00	39.58 1.85 0.00	47.21 2.25 0.00	54.57 2.65 0.00	55.49 2.54 0.00	44.39 2.23 0.00	40.39 2.21 0.00	39.24 2.15 0.00	37.29 2.04 0.00	37.25 2.18 0.00	37.10 2.07 0.00	38.15 1.99 0.00	46.03 2.27 0.00	62.21 2.56 0.00	73.28 3.16 0.00	67.38 2.78 0.00	59.96 2.47 0.00	53.47 2.30 0.00	50.88 1.96 0.00	46.02 1.68 0.00
CRESCENT___HYD 24018	41.64 1.37 0.00	39.39 1.11 0.00	37.49 1.02 0.00	37.50 1.09 0.00	37.88 1.03 0.00	38.91 1.17 0.00	46.35 1.40 0.00	53.64 1.71 0.00	54.59 1.64 0.00	43.25 1.09 0.00	39.06 0.88 0.00	37.76 0.67 0.00	35.89 0.64 0.00	35.67 0.60 0.00	35.81 0.77 0.00	37.03 0.87 0.00	44.89 1.14 0.00	61.38 1.73 0.00	71.80 1.68 0.00	65.96 1.36 0.00	58.58 1.09 0.00	52.03 0.87 0.00	49.46 0.54 0.00	44.60 0.27 0.00
CRICKET___VALLEY_CC1 323756	42.32 2.05 0.00	39.89 1.61 0.00	37.82 1.35 0.00	37.82 1.42 0.00	38.25 1.40 0.00	39.32 1.58 0.00	46.85 1.89 0.00	54.21 2.28 0.00	55.12 2.17 0.00	44.06 1.90 0.00	40.09 1.91 0.00	38.98 1.89 0.00	37.05 1.80 0.00	37.00 1.93 0.00	36.86 1.82 0.00	37.90 1.74 0.00	45.73 1.97 0.00	61.79 2.14 0.00	72.71 2.60 0.00	66.80 2.20 0.00	59.50 2.01 0.00	53.06 1.89 0.00	50.44 1.52 0.00	45.62 1.29 0.00
CRICKET___VALLEY_CC2 323757	42.32 2.05 0.00	39.89 1.61 0.00	37.82 1.35 0.00	37.82 1.42 0.00	38.25 1.40 0.00	39.32 1.58 0.00	46.85 1.89 0.00	54.21 2.28 0.00	55.12 2.17 0.00	44.06 1.90 0.00	40.09 1.91 0.00	38.98 1.89 0.00	37.05 1.80 0.00	37.00 1.93 0.00	36.86 1.82 0.00	37.90 1.74 0.00	45.73 1.97 0.00	61.79 2.14 0.00	72.71 2.60 0.00	66.80 2.20 0.00	59.50 2.01 0.00	53.06 1.89 0.00	50.44 1.52 0.00	45.62 1.29 0.00
CRICKET___VALLEY_CC3 323758	42.32 2.05 0.00	39.89 1.61 0.00	37.82 1.35 0.00	37.82 1.42 0.00	38.25 1.40 0.00	39.32 1.58 0.00	46.85 1.89 0.00	54.21 2.28 0.00	55.12 2.17 0.00	44.06 1.90 0.00	40.09 1.91 0.00	38.98 1.89 0.00	37.05 1.80 0.00	37.00 1.93 0.00	36.86 1.82 0.00	37.90 1.74 0.00	45.73 1.97 0.00	61.79 2.14 0.00	72.71 2.60 0.00	66.80 2.20 0.00	59.50 2.01 0.00	53.06 1.89 0.00	50.44 1.52 0.00	45.62 1.29 0.00
CRUCIBLE_METL_DRP 24180	40.03 -0.24 0.00	38.21 -0.08 0.00	36.44 -0.04 0.00	36.37 -0.04 0.00	36.81 -0.04 0.00	37.62 -0.11 0.00	44.73 -0.22 0.00	51.67 -0.26 0.00	52.79 -0.16 0.00	42.11 -0.04 0.00	38.14 -0.04 0.00	37.01 -0.07 0.00	35.21 -0.04 0.00	35.04 -0.04 0.00	34.93 -0.11 0.00	36.06 -0.11 0.00	43.49 -0.26 0.00	59.17 -0.48 0.00	69.63 -0.49 0.00	64.15 -0.45 0.00	57.03 -0.46 0.00	50.86 -0.31 0.00	48.68 -0.24 0.00	44.16 -0.18 0.00
DAHOWA___HYDRO 323763	41.92 1.65 0.00	39.66 1.38 0.00	37.75 1.28 0.00	37.75 1.35 0.00	38.14 1.29 0.00	39.21 1.47 0.00	46.62 1.66 0.00	54.01 2.08 0.00	54.85 1.90 0.00	43.47 1.31 0.00	39.55 1.37 0.00	38.09 1.00 0.00	36.13 0.88 0.00	35.92 0.84 0.00	36.09 1.05 0.00	37.32 1.16 0.00	44.98 1.22 0.00	61.74 2.09 0.00	72.64 2.52 0.00	66.67 2.07 0.00	59.21 1.72 0.00	52.65 1.48 0.00	50.15 1.22 0.00	45.27 0.93 0.00
DANC___LFGE 323619	39.99 -0.28 0.00	38.05 -0.23 0.00	36.26 -0.22 0.00	36.04 -0.36 0.00	36.63 -0.22 0.00	37.43 -0.30 0.00	44.55 -0.41 0.00	51.62 -0.31 0.00	52.63 -0.32 0.00	41.61 -0.55 0.00	37.64 -0.53 0.00	36.57 -0.52 0.00	34.68 -0.57 0.00	34.51 -0.56 0.00	34.41 -0.63 0.00	35.62 -0.54 0.00	43.40 -0.35 0.00	59.47 -0.18 0.00	70.33 0.21 0.00	64.93 0.32 0.00	57.49 0.00 0.00	51.32 0.15 0.00	49.07 0.15 0.00	44.38 0.04 0.00
DANSKAMMER___1 23586	42.89 2.62 0.00	40.43 2.14 0.00	38.33 1.86 0.00	38.33 1.93 0.00	38.77 1.92 0.00	39.81 2.07 0.00	47.52 2.56 0.00	54.94 3.01 0.00	55.86 2.91 0.00	44.60 2.44 0.00	40.54 2.37 0.00	39.35 2.26 0.00	37.44 2.19 0.00	37.32 2.25 0.00	37.25 2.21 0.00	38.33 2.17 0.00	46.34 2.58 0.00	62.81 3.16 0.00	73.90 3.78 0.00	67.89 3.29 0.00	60.48 2.99 0.00	53.93 2.76 0.00	51.27 2.35 0.00	46.33 2.00 0.00
DANSKAMMER___2 23589	42.89 2.62 0.00	40.43 2.14 0.00	38.33 1.86 0.00	38.33 1.93 0.00	38.77 1.92 0.00	39.81 2.07 0.00	47.52 2.56 0.00	54.94 3.01 0.00	55.86 2.91 0.00	44.60 2.44 0.00	40.54 2.37 0.00	39.35 2.26 0.00	37.44 2.19 0.00	37.32 2.25 0.00	37.25 2.21 0.00	38.33 2.17 0.00	46.34 2.58 0.00	62.81 3.16 0.00	73.90 3.78 0.00	67.89 3.29 0.00	60.48 2.99 0.00	53.93 2.76 0.00	51.27 2.35 0.00	46.33 2.00 0.00
DANSKAMMER___3 23590	42.89 2.62 0.00	40.43 2.14 0.00	38.33 1.86 0.00	38.33 1.93 0.00	38.77 1.92 0.00	39.81 2.07 0.00	47.52 2.56 0.00	54.94 3.01 0.00	55.86 2.91 0.00	44.60 2.44 0.00	40.54 2.37 0.00	39.35 2.26 0.00	37.44 2.19 0.00	37.32 2.25 0.00	37.25 2.21 0.00	38.33 2.17 0.00	46.34 2.58 0.00	62.81 3.16 0.00	73.90 3.78 0.00	67.89 3.29 0.00	60.48 2.99 0.00	53.93 2.76 0.00	51.27 2.35 0.00	46.33 2.00 0.00

DANSKAMMER___4 23591	42.89 2.62 0.00	40.43 2.14 0.00	38.33 1.86 0.00	38.33 1.93 0.00	38.77 1.92 0.00	39.81 2.07 0.00	47.52 2.56 0.00	54.94 3.01 0.00	55.86 2.91 0.00	44.60 2.44 0.00	40.54 2.37 0.00	39.35 2.26 0.00	37.44 2.19 0.00	37.32 2.25 0.00	37.25 2.21 0.00	38.33 2.17 0.00	46.34 2.58 0.00	62.81 3.16 0.00	73.90 3.78 0.00	67.89 3.29 0.00	60.48 2.99 0.00	53.93 2.76 0.00	51.27 2.35 0.00	46.33 2.00 0.00
DANSKAMMER___DIESEL 23592	42.89 2.62 0.00	40.46 2.18 0.00	38.37 1.90 0.00	38.37 1.97 0.00	38.80 1.95 0.00	39.92 2.19 0.00	47.61 2.65 0.00	54.99 3.06 0.00	55.92 2.97 0.00	44.73 2.57 0.00	40.66 2.48 0.00	39.46 2.37 0.00	37.61 2.36 0.00	37.46 2.39 0.00	37.35 2.31 0.00	38.41 2.24 0.00	46.51 2.76 0.00	63.11 3.46 0.00	74.19 4.07 0.00	68.15 3.55 0.00	60.77 3.28 0.00	54.13 2.97 0.00	51.42 2.50 0.00	46.38 2.04 0.00
DARBY___SOLAR 323810	41.84 1.57 0.00	39.62 1.34 0.00	37.68 1.20 0.00	37.68 1.27 0.00	38.07 1.21 0.00	39.13 1.40 0.00	46.57 1.62 0.00	53.90 1.97 0.00	54.80 1.85 0.00	43.38 1.22 0.00	39.43 1.26 0.00	37.98 0.89 0.00	36.02 0.77 0.00	35.81 0.74 0.00	35.98 0.95 0.00	37.25 1.08 0.00	44.94 1.18 0.00	61.68 2.03 0.00	72.43 2.31 0.00	66.48 1.87 0.00	59.10 1.61 0.00	52.49 1.33 0.00	50.00 1.07 0.00	45.14 0.80 0.00
DASHVILLE___HYD 23610	42.32 2.05 0.00	39.97 1.68 0.00	37.93 1.46 0.00	37.90 1.49 0.00	38.33 1.47 0.00	39.40 1.66 0.00	46.98 2.02 0.00	54.26 2.34 0.00	55.17 2.22 0.00	44.01 1.85 0.00	39.93 1.76 0.00	38.76 1.67 0.00	36.94 1.69 0.00	36.79 1.72 0.00	36.68 1.65 0.00	37.79 1.63 0.00	45.81 2.06 0.00	62.27 2.62 0.00	73.20 3.09 0.00	67.25 2.65 0.00	59.96 2.47 0.00	53.42 2.25 0.00	50.73 1.81 0.00	45.80 1.46 0.00
DELAWARE___LFGE 323621	41.56 1.29 0.00	39.43 1.15 0.00	37.49 1.02 0.00	37.42 1.02 0.00	37.92 1.07 0.00	38.91 1.17 0.00	46.40 1.44 0.00	53.64 1.71 0.00	54.70 1.75 0.00	43.46 1.31 0.00	39.40 1.22 0.00	38.31 1.22 0.00	36.41 1.16 0.00	36.27 1.19 0.00	36.16 1.12 0.00	37.28 1.12 0.00	45.16 1.40 0.00	61.50 1.85 0.00	72.36 2.24 0.00	66.60 2.00 0.00	59.22 1.72 0.00	52.75 1.59 0.00	50.29 1.37 0.00	45.53 1.20 0.00
DERFIELD_115KV_TB7 355931	40.43 0.16 0.00	38.44 0.15 0.00	36.62 0.15 0.00	36.51 0.11 0.00	37.00 0.15 0.00	37.89 0.15 0.00	45.14 0.18 0.00	52.13 0.21 0.00	53.16 0.21 0.00	42.28 0.13 0.00	38.29 0.11 0.00	37.16 0.07 0.00	35.32 0.07 0.00	35.18 0.11 0.00	35.14 0.11 0.00	36.27 0.11 0.00	43.89 0.13 0.00	59.83 0.18 0.00	70.33 0.21 0.00	64.79 0.19 0.00	57.61 0.11 0.00	51.32 0.15 0.00	49.02 0.10 0.00	44.38 0.04 0.00
DOGLEVILLE___HYD 23807	40.59 0.32 0.00	38.59 0.31 0.00	36.77 0.29 0.00	36.70 0.29 0.00	37.18 0.33 0.00	38.15 0.42 0.00	45.45 0.49 0.00	52.65 0.73 0.00	53.64 0.69 0.00	42.58 0.42 0.00	38.56 0.38 0.00	37.50 0.41 0.00	35.57 0.32 0.00	35.43 0.35 0.00	35.39 0.35 0.00	36.56 0.40 0.00	44.32 0.57 0.00	60.72 1.07 0.00	71.66 1.54 0.00	66.22 1.62 0.00	58.93 1.44 0.00	52.60 1.43 0.00	50.34 1.42 0.00	45.67 1.33 0.00
DUNKIRK__115KV_TB_200 55889	36.93 -3.34 0.00	36.37 -1.91 0.00	35.23 -1.24 0.00	35.17 -1.24 0.00	35.71 -1.14 0.00	36.79 -0.94 0.00	43.43 -1.53 0.00	49.38 -2.54 0.00	50.83 -2.12 0.00	40.98 -1.18 0.00	37.26 -0.92 0.00	35.97 -1.11 0.00	34.37 -0.88 0.00	34.13 -0.95 0.00	33.63 -1.40 0.00	34.97 -1.19 0.00	41.52 -2.23 0.00	56.13 -3.52 0.00	66.54 -3.58 0.00	61.37 -3.23 0.00	54.44 -3.05 0.00	49.48 -1.69 0.00	48.73 -0.20 0.00	44.87 0.53 0.00
DUNKIRK___1 23563	36.93 -3.34 0.00	36.37 -1.91 0.00	35.23 -1.24 0.00	35.17 -1.24 0.00	35.71 -1.14 0.00	36.79 -0.94 0.00	43.43 -1.53 0.00	49.38 -2.54 0.00	50.83 -2.12 0.00	40.98 -1.18 0.00	37.26 -0.92 0.00	35.97 -1.11 0.00	34.37 -0.88 0.00	34.13 -0.95 0.00	33.63 -1.40 0.00	34.97 -1.19 0.00	41.52 -2.23 0.00	56.13 -3.52 0.00	66.54 -3.58 0.00	61.37 -3.23 0.00	54.44 -3.05 0.00	49.48 -1.69 0.00	48.73 -0.20 0.00	44.87 0.53 0.00
DUNKIRK___2 23564	36.93 -3.34 0.00	36.37 -1.91 0.00	35.23 -1.24 0.00	35.17 -1.24 0.00	35.71 -1.14 0.00	36.79 -0.94 0.00	43.43 -1.53 0.00	49.38 -2.54 0.00	50.83 -2.12 0.00	40.98 -1.18 0.00	37.26 -0.92 0.00	35.97 -1.11 0.00	34.37 -0.88 0.00	34.13 -0.95 0.00	33.63 -1.40 0.00	34.97 -1.19 0.00	41.52 -2.23 0.00	56.13 -3.52 0.00	66.54 -3.58 0.00	61.37 -3.23 0.00	54.44 -3.05 0.00	49.48 -1.69 0.00	48.73 -0.20 0.00	44.87 0.53 0.00
DUNKIRK___3 23565	36.97 -3.30 0.00	36.41 -1.88 0.00	35.23 -1.24 0.00	35.17 -1.24 0.00	35.67 -1.18 0.00	36.75 -0.98 0.00	43.30 -1.66 0.00	49.28 -2.65 0.00	50.67 -2.28 0.00	40.81 -1.35 0.00	37.15 -1.03 0.00	35.83 -1.26 0.00	34.26 -0.99 0.00	34.02 -1.05 0.00	33.53 -1.51 0.00	34.86 -1.30 0.00	41.35 -2.41 0.00	55.83 -3.82 0.00	66.12 -4.00 0.00	61.05 -3.55 0.00	54.16 -3.33 0.00	49.22 -1.94 0.00	48.39 -0.54 0.00	44.60 0.27 0.00
DUNKIRK___4 23566	36.97 -3.30 0.00	36.41 -1.88 0.00	35.23 -1.24 0.00	35.17 -1.24 0.00	35.67 -1.18 0.00	36.75 -0.98 0.00	43.30 -1.66 0.00	49.28 -2.65 0.00	50.67 -2.28 0.00	40.81 -1.35 0.00	37.15 -1.03 0.00	35.83 -1.26 0.00	34.26 -0.99 0.00	34.02 -1.05 0.00	33.53 -1.51 0.00	34.86 -1.30 0.00	41.35 -2.41 0.00	55.83 -3.82 0.00	66.12 -4.00 0.00	61.05 -3.55 0.00	54.16 -3.33 0.00	49.22 -1.94 0.00	48.39 -0.54 0.00	44.60 0.27 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.01 2.74 0.00	40.50 2.22 0.00	38.41 1.93 0.00	38.41 2.00 0.00	38.80 1.95 0.00	40.00 2.26 0.00	47.61 2.65 0.00	54.99 3.06 0.00	55.92 2.97 0.00	44.90 2.74 0.00	40.89 2.71 0.00	39.76 2.67 0.00	37.93 2.68 0.00	37.88 2.81 0.00	37.63 2.59 0.00	38.62 2.46 0.00	46.64 2.89 0.00	62.99 3.34 0.00	74.11 4.00 0.00	68.02 3.42 0.00	60.71 3.22 0.00	54.13 2.97 0.00	51.32 2.40 0.00	46.33 2.00 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.81 2.54 0.00	40.35 2.07 0.00	38.30 1.82 0.00	38.26 1.86 0.00	38.69 1.84 0.00	39.81 2.08 0.00	47.48 2.52 0.00	54.83 2.91 0.00	55.76 2.81 0.00	44.60 2.45 0.00	40.54 2.37 0.00	39.39 2.30 0.00	37.54 2.29 0.00	37.43 2.35 0.00	37.28 2.24 0.00	38.33 2.17 0.00	46.38 2.63 0.00	62.87 3.22 0.00	73.97 3.86 0.00	67.90 3.29 0.00	60.54 3.05 0.00	53.98 2.81 0.00	51.22 2.30 0.00	46.20 1.86 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	43.33 3.06 0.00	40.73 2.45 0.00	38.59 2.12 0.00	38.55 2.15 0.00	38.99 2.14 0.00	39.96 2.23 0.00	47.39 2.43 0.00	54.57 2.65 0.00	55.44 2.49 0.00	44.69 2.53 0.00	40.73 2.56 0.00	39.65 2.56 0.00	37.89 2.64 0.00	37.81 2.74 0.00	37.56 2.52 0.00	38.51 2.35 0.00	46.47 2.71 0.00	62.39 2.74 0.00	73.41 3.30 0.01	67.31 2.71 0.01	60.31 2.82 0.00	53.77 2.61 0.00	51.27 2.35 0.00	46.46 2.13 0.00

E179THST_13_KV_LOAD 356214	43.49 3.22 0.00	40.89 2.60 0.00	38.73 2.26 0.00	38.70 2.29 0.00	39.10 2.25 0.00	40.11 2.38 0.00	47.57 2.61 0.00	54.78 2.86 0.00	55.65 2.70 0.00	44.85 2.70 0.00	40.89 2.71 0.00	39.83 2.74 0.00	38.07 2.82 0.00	37.99 2.91 0.00	37.74 2.70 0.00	38.66 2.50 0.00	46.64 2.89 0.00	62.69 3.04 0.00	73.69 3.58 0.01	67.63 3.04 0.01	60.60 3.10 0.00	54.03 2.87 0.00	51.47 2.54 0.00	46.64 2.31 0.00
EAST HAMPTON___GT 23717	41.67 1.41 0.01	38.70 0.42 0.01	36.58 0.11 0.01	36.47 0.07 0.01	36.95 0.11 0.01	38.30 0.57 0.01	35.57 -0.36 9.03	47.21 -1.61 3.11	39.67 -2.59 10.69	32.02 -0.84 9.30	34.95 0.53 3.76	34.03 0.19 3.25	35.63 0.39 0.01	36.69 1.61 0.00	34.70 0.53 0.86	36.63 0.47 0.01	44.31 0.57 0.01	52.87 -0.65 6.13	62.32 0.07 7.87	51.80 -0.06 12.73	49.10 -0.40 7.99	47.19 -0.05 3.93	46.52 -1.03 1.38	44.42 0.09 0.01
EAST RIVER___6 23660	43.09 2.82 0.00	40.43 2.14 0.00	38.33 1.86 0.00	38.33 1.93 0.00	38.77 1.92 0.00	39.85 2.11 0.00	47.52 2.56 0.00	55.09 3.17 0.00	56.02 3.07 0.00	44.90 2.74 0.00	40.96 2.79 0.00	39.83 2.74 0.00	37.93 2.68 0.00	37.88 2.81 0.00	37.70 2.66 0.00	38.69 2.53 0.00	46.64 2.89 0.00	62.87 3.22 0.00	73.97 3.85 0.00	68.02 3.42 0.00	60.59 3.10 0.00	53.98 2.81 0.00	51.27 2.35 0.00	46.38 2.04 0.00
EAST RIVER___7 23524	43.09 2.82 0.00	40.43 2.14 0.00	38.33 1.86 0.00	38.33 1.93 0.00	38.77 1.92 0.00	39.85 2.11 0.00	47.52 2.56 0.00	55.09 3.17 0.00	56.02 3.07 0.00	44.90 2.74 0.00	40.96 2.79 0.00	39.83 2.74 0.00	37.93 2.68 0.00	37.88 2.81 0.00	37.70 2.66 0.00	38.69 2.53 0.00	46.64 2.89 0.00	62.87 3.22 0.00	73.97 3.85 0.00	68.02 3.42 0.00	60.59 3.10 0.00	53.98 2.81 0.00	51.27 2.35 0.00	46.38 2.04 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.89 2.62 0.00	40.43 2.14 0.00	38.33 1.86 0.00	38.33 1.93 0.00	38.73 1.88 0.00	39.89 2.15 0.00	47.52 2.56 0.00	54.89 2.96 0.00	55.81 2.86 0.00	44.77 2.61 0.00	40.77 2.60 0.00	39.65 2.56 0.00	37.82 2.57 0.00	37.74 2.67 0.00	37.52 2.49 0.00	38.51 2.35 0.00	46.51 2.76 0.00	62.81 3.16 0.00	73.90 3.79 0.00	67.90 3.29 0.00	60.60 3.10 0.00	53.98 2.81 0.00	51.22 2.30 0.00	46.24 1.91 0.00
EAST_HAMPTON___DIESEL 23722	41.59 1.33 0.01	38.62 0.34 0.01	36.47 0.00 0.01	36.36 -0.04 0.01	36.84 0.00 0.01	38.18 0.45 0.01	35.43 -0.49 9.03	47.05 -1.77 3.11	39.51 -2.76 10.69	31.89 -0.97 9.30	34.83 0.42 3.76	33.95 0.11 3.25	35.52 0.28 0.01	36.58 1.51 0.00	34.60 0.42 0.86	36.52 0.36 0.01	44.18 0.44 0.01	52.69 -0.84 6.13	62.11 -0.14 7.87	51.61 -0.26 12.73	48.93 -0.57 7.99	47.03 -0.20 3.93	46.37 -1.17 1.38	44.33 0.00 0.01
EAST_POINT___SOLAR 323840	42.32 2.05 0.00	40.12 1.84 0.00	38.15 1.68 0.00	38.15 1.75 0.00	38.62 1.77 0.00	39.73 2.00 0.00	47.38 2.43 0.00	54.99 3.06 0.00	55.60 2.65 0.00	43.34 1.18 0.00	38.64 0.46 0.00	37.38 0.30 0.00	35.57 0.32 0.00	35.43 0.35 0.00	35.56 0.53 0.00	36.96 0.79 0.00	45.46 1.70 0.00	63.11 3.46 0.00	74.74 4.63 0.00	68.54 3.94 0.00	60.71 3.22 0.00	53.98 2.81 0.00	51.47 2.54 0.00	46.42 2.08 0.00
EAST_PULASKI___ESR 323781	39.75 -0.52 0.00	37.90 -0.38 0.00	36.14 -0.33 0.00	36.01 -0.40 0.00	36.48 -0.37 0.00	37.28 -0.45 0.00	44.33 -0.63 0.00	51.31 -0.62 0.00	52.32 -0.63 0.00	41.61 -0.55 0.00	37.68 -0.50 0.00	36.57 -0.52 0.00	34.72 -0.53 0.00	34.58 -0.49 0.00	34.48 -0.56 0.00	35.62 -0.54 0.00	43.14 -0.61 0.00	58.94 -0.71 0.00	69.42 -0.70 0.00	64.02 -0.58 0.00	56.80 -0.69 0.00	50.70 -0.46 0.00	48.53 -0.39 0.00	43.94 -0.40 0.00
EAST_RIVER___1 323558	43.17 2.90 0.00	40.58 2.30 0.00	38.48 2.00 0.00	38.44 2.04 0.00	38.91 2.06 0.00	40.00 2.26 0.00	47.66 2.70 0.00	55.20 3.27 0.00	56.13 3.18 0.00	44.98 2.82 0.00	41.00 2.83 0.00	39.91 2.82 0.00	37.96 2.71 0.00	37.92 2.84 0.00	37.74 2.70 0.00	38.77 2.61 0.00	46.69 2.93 0.00	62.93 3.28 0.00	74.04 3.92 0.00	68.09 3.49 0.00	60.65 3.16 0.00	54.08 2.91 0.00	51.37 2.45 0.00	46.46 2.13 0.00
EAST_RIVER___2 323559	43.09 2.82 0.00	40.43 2.14 0.00	38.33 1.86 0.00	38.33 1.93 0.00	38.77 1.92 0.00	39.85 2.11 0.00	47.52 2.56 0.00	55.09 3.17 0.00	56.02 3.07 0.00	44.90 2.74 0.00	40.96 2.79 0.00	39.83 2.74 0.00	37.93 2.68 0.00	37.88 2.81 0.00	37.70 2.66 0.00	38.69 2.53 0.00	46.64 2.89 0.00	62.87 3.22 0.00	73.97 3.85 0.00	68.02 3.42 0.00	60.59 3.10 0.00	53.98 2.81 0.00	51.27 2.35 0.00	46.38 2.04 0.00
EAST___DELAWARE_HYD 23607	42.85 2.58 0.00	40.46 2.18 0.00	38.37 1.90 0.00	38.33 1.93 0.00	38.80 1.95 0.00	39.85 2.11 0.00	47.61 2.65 0.00	55.04 3.12 0.00	56.02 3.07 0.00	44.60 2.44 0.00	40.47 2.29 0.00	39.28 2.19 0.00	37.33 2.08 0.00	37.22 2.14 0.00	37.14 2.10 0.00	38.26 2.10 0.00	46.38 2.63 0.00	63.05 3.40 0.00	74.25 4.14 0.00	68.28 3.68 0.00	60.77 3.28 0.00	54.18 3.02 0.00	51.56 2.64 0.00	46.60 2.26 0.00
EIGHT_POINT___WT_PWR 323820	36.61 -3.66 0.00	35.91 -2.37 0.00	34.80 -1.68 0.00	34.73 -1.67 0.00	35.31 -1.55 0.00	36.57 -1.17 0.00	43.70 -1.26 0.00	49.85 -2.08 0.00	51.20 -1.75 0.00	40.98 -1.18 0.00	36.65 -1.53 0.00	35.27 -1.82 0.00	33.49 -1.76 0.00	33.46 -1.61 0.00	33.18 -1.86 0.00	34.43 -1.74 0.00	41.26 -2.49 0.00	56.91 -2.74 0.00	68.37 -1.75 0.00	63.12 -1.48 0.00	55.82 -1.67 0.00	50.14 -1.02 0.00	49.12 0.20 0.00	45.09 0.75 0.00
ELBRIDGE_115KV_TB2 80188	39.79 -0.48 0.00	38.01 -0.27 0.00	36.25 -0.22 0.00	36.19 -0.22 0.00	36.63 -0.22 0.00	37.43 -0.30 0.00	44.51 -0.45 0.00	51.35 -0.57 0.00	52.47 -0.48 0.00	41.82 -0.34 0.00	37.91 -0.27 0.00	36.79 -0.30 0.00	34.97 -0.28 0.00	34.83 -0.25 0.00	34.72 -0.32 0.00	35.84 -0.33 0.00	43.23 -0.53 0.00	58.81 -0.84 0.00	69.21 -0.91 0.00	63.76 -0.84 0.00	56.69 -0.80 0.00	50.55 -0.61 0.00	48.43 -0.49 0.00	43.94 -0.40 0.00
ELEC_TRO_TEK 24086	43.05 2.78 0.00	40.31 2.03 0.00	38.11 1.64 0.00	38.04 1.64 0.00	38.44 1.58 0.00	39.70 1.96 0.00	47.16 2.20 0.00	52.81 0.88 0.00	53.48 0.53 0.00	43.80 1.64 0.00	40.73 2.56 0.00	39.31 2.23 0.00	37.72 2.47 0.00	38.34 3.26 0.00	37.45 2.42 0.00	38.48 2.31 0.00	46.64 2.89 0.00	61.62 1.97 0.00	74.75 3.23 -1.41	69.60 2.71 -2.28	59.85 2.36 0.00	54.07 2.20 -0.70	50.15 1.22 0.00	46.02 1.68 0.00
ELLENBURG_WT_PWR 323604	39.14 -1.13 0.00	37.21 -1.07 0.00	35.38 -1.09 0.00	35.35 -1.06 0.00	35.82 -1.03 0.00	36.72 -1.02 0.00	43.97 -0.99 0.00	50.89 -1.04 0.00	52.00 -0.95 0.00	41.31 -0.84 0.00	37.49 -0.69 0.00	36.61 -0.48 0.00	34.79 -0.46 0.00	34.48 -0.60 0.00	34.48 -0.56 0.00	35.62 -0.54 0.00	43.40 -0.35 0.00	59.53 -0.12 0.00	70.12 0.00 0.00	64.93 0.32 0.00	57.95 0.46 0.00	51.47 0.31 0.00	49.46 0.54 0.00	44.83 0.49 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.01 -3.26 0.00	36.48 -1.80 0.00	35.27 -1.20 0.00	35.17 -1.24 0.00	35.67 -1.18 0.00	36.68 -1.06 0.00	43.12 -1.84 0.00	48.97 -2.96 0.00	50.41 -2.54 0.00	40.64 -1.52 0.00	36.99 -1.18 0.00	35.72 -1.37 0.00	34.16 -1.09 0.00	33.92 -1.16 0.00	33.46 -1.58 0.00	34.75 -1.41 0.00	41.17 -2.58 0.00	55.41 -4.24 0.00	65.35 -4.77 0.00	60.40 -4.20 0.00	53.58 -3.91 0.00	48.71 -2.46 0.00	47.90 -1.03 0.00	44.25 -0.09 0.00
EMPIRE_CC_1 323656	41.32 1.05 0.00	39.12 0.84 0.00	37.24 0.77 0.00	37.24 0.84 0.00	37.63 0.78 0.00	38.64 0.90 0.00	45.95 0.99 0.00	53.12 1.20 0.00	54.06 1.11 0.00	42.92 0.76 0.00	38.64 0.46 0.00	37.38 0.30 0.00	35.53 0.28 0.00	35.32 0.25 0.00	35.49 0.45 0.00	36.71 0.54 0.00	44.45 0.70 0.00	60.55 0.90 0.00	70.75 0.63 0.00	64.99 0.39 0.00	57.78 0.29 0.00	51.37 0.21 0.00	48.73 -0.19 0.00	44.03 -0.31 0.00
EMPIRE_CC_2 323658	41.32 1.05 0.00	39.12 0.84 0.00	37.24 0.77 0.00	37.24 0.84 0.00	37.63 0.78 0.00	38.64 0.90 0.00	45.95 0.99 0.00	53.12 1.20 0.00	54.06 1.11 0.00	42.92 0.76 0.00	38.64 0.46 0.00	37.38 0.30 0.00	35.53 0.28 0.00	35.32 0.25 0.00	35.49 0.45 0.00	36.71 0.54 0.00	44.45 0.70 0.00	60.55 0.90 0.00	70.75 0.63 0.00	64.99 0.39 0.00	57.78 0.29 0.00	51.37 0.21 0.00	48.73 -0.19 0.00	44.03 -0.31 0.00
ENORWICH_115KV_TB1 80156	41.60 1.33 0.00	39.78 1.49 0.00	37.90 1.42 0.00	37.68 1.27 0.00	38.44 1.58 0.00	39.51 1.77 0.00	47.21 2.25 0.00	54.83 2.91 0.00	56.02 3.07 0.00	43.76 1.60 0.00	39.67 1.49 0.00	38.76 1.67 0.00	36.66 1.41 0.00	36.55 1.47 0.00	36.33 1.30 0.00	37.72 1.56 0.00	45.94 2.19 0.00	63.29 3.64 0.00	75.10 4.98 0.00	69.32 4.72 0.00	61.34 3.85 0.00	54.64 3.48 0.00	52.35 3.42 0.00	47.53 3.19 0.00
ERIE_ST__34_KV_TB1-2 80199	36.89 -3.38 0.00	36.29 -1.99 0.00	35.05 -1.42 0.00	34.99 -1.42 0.00	35.49 -1.36 0.00	36.53 -1.21 0.00	43.03 -1.93 0.00	48.97 -2.96 0.00	50.36 -2.59 0.00	40.60 -1.56 0.00	36.92 -1.26 0.00	35.64 -1.45 0.00	34.09 -1.16 0.00	33.85 -1.23 0.00	33.35 -1.68 0.00	34.68 -1.48 0.00	41.09 -2.67 0.00	55.41 -4.24 0.00	65.56 -4.56 0.00	60.53 -4.07 0.00	53.64 -3.85 0.00	48.76 -2.40 0.00	47.95 -0.98 0.00	44.16 -0.18 0.00
ERIE_WT_PWR 323693	37.09 -3.18 0.00	36.56 -1.72 0.00	35.41 -1.06 0.00	35.17 -1.24 0.00	35.67 -1.18 0.00	36.91 -0.83 0.00	43.56 -1.39 0.00	49.28 -2.65 0.00	50.73 -2.22 0.00	41.10 -1.05 0.00	37.03 -1.14 0.00	35.79 -1.30 0.00	34.19 -1.06 0.00	34.13 -0.95 0.00	33.60 -1.44 0.00	34.79 -1.37 0.00	41.22 -2.54 0.00	55.95 -3.70 0.00	66.68 -3.43 0.00	61.50 -3.10 0.00	54.16 -3.34 0.00	48.97 -2.20 0.00	48.24 -0.68 0.00	44.47 0.13 0.00
ESPRGFLD_115KV_TB1 80157	41.60 1.33 0.00	39.51 1.23 0.00	37.57 1.09 0.00	37.50 1.09 0.00	38.03 1.18 0.00	39.09 1.36 0.00	46.62 1.66 0.00	54.05 2.13 0.00	54.91 1.96 0.00	43.21 1.05 0.00	38.98 0.80 0.00	37.90 0.82 0.00	35.92 0.67 0.00	35.81 0.74 0.00	35.74 0.70 0.00	36.96 0.80 0.00	45.16 1.40 0.00	62.04 2.39 0.00	73.34 3.23 0.00	67.44 2.84 0.00	59.85 2.36 0.00	53.26 2.10 0.00	50.78 1.86 0.00	45.93 1.60 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.75 0.48 0.00	38.90 0.61 0.00	37.09 0.62 0.00	37.02 0.62 0.00	37.51 0.66 0.00	38.42 0.68 0.00	45.81 0.85 0.00	52.86 0.93 0.00	53.96 1.01 0.00	42.83 0.67 0.00	38.79 0.61 0.00	37.61 0.52 0.00	35.74 0.49 0.00	35.60 0.53 0.00	35.49 0.46 0.00	36.71 0.54 0.00	44.37 0.61 0.00	60.54 0.89 0.00	71.45 1.33 0.00	65.76 1.16 0.00	58.47 0.98 0.00	52.14 0.97 0.00	49.95 1.03 0.00	45.31 0.98 0.00
ETNA____115KV_TB2 80207	40.75 0.48 0.00	38.90 0.61 0.00	37.09 0.62 0.00	37.02 0.62 0.00	37.51 0.66 0.00	38.42 0.68 0.00	45.81 0.85 0.00	52.86 0.93 0.00	53.96 1.01 0.00	42.83 0.67 0.00	38.79 0.61 0.00	37.61 0.52 0.00	35.74 0.49 0.00	35.60 0.53 0.00	35.49 0.46 0.00	36.71 0.54 0.00	44.37 0.61 0.00	60.54 0.89 0.00	71.45 1.33 0.00	65.76 1.16 0.00	58.47 0.98 0.00	52.14 0.97 0.00	49.95 1.03 0.00	45.31 0.98 0.00
EUCLID___115KV_TB2 356179	39.59 -0.68 0.00	37.79 -0.50 0.00	36.07 -0.40 0.00	35.97 -0.44 0.00	36.45 -0.41 0.00	37.21 -0.53 0.00	44.24 -0.72 0.00	51.10 -0.83 0.00	52.16 -0.79 0.00	41.61 -0.55 0.00	37.72 -0.46 0.00	36.61 -0.48 0.00	34.83 -0.42 0.00	34.65 -0.42 0.00	34.55 -0.49 0.00	35.69 -0.47 0.00	43.01 -0.74 0.00	58.52 -1.13 0.00	68.86 -1.26 0.00	63.37 -1.23 0.00	56.34 -1.15 0.00	50.29 -0.87 0.00	48.19 -0.73 0.00	43.67 -0.67 0.00
E_CANADA_CAP_HY 24051	41.80 1.53 0.00	39.66 1.38 0.00	37.68 1.20 0.00	37.64 1.24 0.00	38.14 1.29 0.00	39.21 1.47 0.00	46.76 1.80 0.00	54.26 2.34 0.00	54.91 1.96 0.00	42.96 0.80 0.00	38.52 0.34 0.00	37.27 0.19 0.00	35.36 0.11 0.00	35.22 0.14 0.00	35.32 0.28 0.00	36.63 0.47 0.00	44.94 1.18 0.00	62.21 2.56 0.00	73.69 3.57 0.00	67.64 3.04 0.00	59.91 2.41 0.00	53.26 2.10 0.00	50.78 1.86 0.00	45.85 1.51 0.00
E_CANADA_MHWK_HY 24050	40.59 0.32 0.00	38.59 0.30 0.00	36.76 0.29 0.00	36.70 0.29 0.00	37.18 0.33 0.00	38.15 0.42 0.00	45.45 0.50 0.00	52.60 0.67 0.00	53.64 0.69 0.00	42.58 0.42 0.00	38.56 0.38 0.00	37.50 0.41 0.00	35.57 0.32 0.00	35.43 0.35 0.00	35.39 0.35 0.00	36.56 0.40 0.00	44.32 0.57 0.00	60.66 1.01 0.00	71.66 1.54 0.00	66.22 1.62 0.00	58.93 1.44 0.00	52.60 1.43 0.00	50.34 1.42 0.00	45.67 1.33 0.00
E_FISHKILL___LBMP 23776	42.65 2.38 0.00	40.20 1.91 0.00	38.15 1.68 0.00	38.12 1.71 0.00	38.55 1.70 0.00	39.66 1.92 0.00	47.25 2.29 0.00	54.57 2.65 0.00	55.49 2.54 0.00	44.52 2.36 0.00	40.47 2.29 0.00	39.31 2.23 0.00	37.51 2.26 0.00	37.43 2.35 0.00	37.21 2.17 0.00	38.23 2.06 0.00	46.21 2.45 0.00	62.51 2.86 0.00	73.48 3.37 0.00	67.51 2.91 0.00	60.25 2.76 0.00	53.62 2.46 0.00	50.93 2.01 0.00	45.98 1.64 0.00
FALCON___SEABRD_CC1 323796	39.38 -0.89 0.00	37.44 -0.84 0.00	35.60 -0.88 0.00	35.57 -0.84 0.00	36.04 -0.81 0.00	36.94 -0.79 0.00	44.29 -0.67 0.00	51.25 -0.68 0.00	52.42 -0.53 0.00	41.61 -0.55 0.00	37.76 -0.42 0.00	36.94 -0.15 0.00	35.07 -0.18 0.00	34.72 -0.35 0.00	34.72 -0.32 0.00	35.87 -0.29 0.00	43.80 0.04 0.00	60.07 0.42 0.00	70.89 0.77 0.00	65.63 1.03 0.00	58.64 1.15 0.00	52.03 0.87 0.00	50.05 1.13 0.00	45.36 1.02 0.00
FALCON___SEABRD_CC2 323797	39.38 -0.89 0.00	37.44 -0.84 0.00	35.60 -0.88 0.00	35.57 -0.84 0.00	36.04 -0.81 0.00	36.94 -0.79 0.00	44.29 -0.67 0.00	51.25 -0.68 0.00	52.42 -0.53 0.00	41.61 -0.55 0.00	37.76 -0.42 0.00	36.94 -0.15 0.00	35.07 -0.18 0.00	34.72 -0.35 0.00	34.72 -0.32 0.00	35.87 -0.29 0.00	43.80 0.04 0.00	60.07 0.42 0.00	70.89 0.77 0.00	65.63 1.03 0.00	58.64 1.15 0.00	52.03 0.87 0.00	50.05 1.13 0.00	45.36 1.02 0.00

FAR ROCKAWAY___4 23548	43.58 3.30 -0.01	40.78 2.49 -0.01	38.56 2.08 -0.01	38.45 2.04 -0.01	38.85 1.99 -0.01	40.12 2.38 -0.01	47.71 2.74 -0.01	55.55 1.19 -2.43	57.07 0.85 -3.28	44.15 1.98 -0.01	41.16 2.98 -0.01	39.69 2.60 -0.01	38.08 2.82 -0.01	38.72 3.65 0.00	37.85 2.80 -0.01	38.88 2.71 -0.01	47.13 3.37 -0.01	69.25 2.62 -6.98	80.71 4.07 -6.53	78.71 3.55 -10.56	69.64 3.05 -9.10	57.24 2.81 -3.26	52.25 1.76 -1.57	46.56 2.22 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.17 2.90 0.00	40.62 2.34 0.00	38.52 2.04 0.00	38.52 2.11 0.00	38.92 2.06 0.00	40.11 2.38 0.00	47.75 2.79 0.00	55.20 3.27 0.00	56.13 3.18 0.00	45.11 2.95 0.00	41.12 2.94 0.00	39.98 2.89 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.80 2.64 0.00	46.86 3.11 0.00	63.17 3.52 0.00	74.33 4.21 0.00	68.22 3.62 0.00	61.00 3.51 0.00	54.29 3.12 0.00	51.52 2.59 0.00	46.51 2.17 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.17 2.90 0.00	40.62 2.34 0.00	38.52 2.04 0.00	38.52 2.11 0.00	38.92 2.06 0.00	40.11 2.38 0.00	47.79 2.83 0.00	55.25 3.32 0.00	56.13 3.18 0.00	45.11 2.95 0.00	41.12 2.94 0.00	39.98 2.89 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.80 2.64 0.00	46.86 3.11 0.00	63.17 3.52 0.00	74.33 4.21 0.00	68.22 3.62 0.00	61.00 3.51 0.00	54.34 3.17 0.00	51.57 2.64 0.00	46.51 2.17 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.13 2.86 0.00	40.62 2.34 0.00	38.52 2.04 0.00	38.48 2.08 0.00	38.92 2.06 0.00	40.08 2.34 0.00	47.75 2.79 0.00	55.20 3.27 0.00	56.13 3.18 0.00	45.11 2.95 0.00	41.08 2.90 0.00	39.94 2.86 0.00	38.18 2.93 0.00	38.06 2.98 0.00	37.81 2.77 0.00	38.80 2.64 0.00	46.82 3.06 0.00	63.11 3.46 0.00	74.26 4.14 0.00	68.15 3.55 0.00	60.94 3.45 0.00	54.29 3.12 0.00	51.52 2.59 0.00	46.46 2.13 0.00
FARRAGUT___LBMP 323566	43.13 2.86 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.88 2.03 0.00	40.08 2.34 0.00	47.70 2.74 0.00	55.15 3.22 0.00	56.07 3.12 0.00	45.07 2.91 0.00	41.08 2.90 0.00	39.94 2.86 0.00	38.14 2.89 0.00	38.06 2.98 0.00	37.81 2.77 0.00	38.77 2.60 0.00	46.82 3.06 0.00	63.11 3.46 0.00	74.19 4.07 0.00	68.15 3.55 0.00	60.88 3.39 0.00	54.23 3.07 0.00	51.47 2.54 0.00	46.46 2.13 0.00
FENNER___WINDPWR 24204	40.95 0.68 0.00	39.01 0.73 0.00	37.16 0.69 0.00	37.02 0.62 0.00	37.55 0.70 0.00	38.49 0.75 0.00	45.90 0.95 0.00	53.07 1.14 0.00	54.11 1.16 0.00	42.87 0.72 0.00	38.83 0.65 0.00	37.72 0.63 0.00	35.78 0.53 0.00	35.67 0.60 0.00	35.56 0.53 0.00	36.74 0.58 0.00	44.54 0.79 0.00	60.66 1.01 0.00	71.52 1.40 0.00	65.96 1.36 0.00	58.53 1.04 0.00	52.09 0.92 0.00	49.81 0.88 0.00	45.18 0.84 0.00
FIBERTEK___ENERGY 23856	40.03 -0.24 0.00	38.21 -0.08 0.00	36.44 -0.04 0.00	36.37 -0.04 0.00	36.81 -0.04 0.00	37.62 -0.11 0.00	44.73 -0.22 0.00	51.67 -0.26 0.00	52.79 -0.16 0.00	42.11 -0.04 0.00	38.14 -0.04 0.00	37.01 -0.07 0.00	35.21 -0.04 0.00	35.04 -0.04 0.00	34.93 -0.11 0.00	36.06 -0.11 0.00	43.49 -0.26 0.00	59.17 -0.48 0.00	69.63 -0.49 0.00	64.15 -0.45 0.00	57.03 -0.46 0.00	50.86 -0.31 0.00	48.68 -0.24 0.00	44.16 -0.18 0.00
FITZPATRICK___ 23598	39.10 -1.17 0.00	37.29 -1.00 0.00	35.56 -0.91 0.00	35.46 -0.95 0.00	35.93 -0.92 0.00	36.68 -1.06 0.00	43.56 -1.39 0.00	50.21 -1.71 0.00	51.25 -1.70 0.00	40.89 -1.26 0.00	36.99 -1.18 0.00	35.94 -1.15 0.00	34.19 -1.06 0.00	34.06 -1.02 0.00	33.95 -1.09 0.00	35.04 -1.12 0.00	42.27 -1.49 0.00	57.62 -2.03 0.00	67.73 -2.38 0.00	62.40 -2.20 0.00	55.48 -2.01 0.00	49.42 -1.74 0.00	47.31 -1.61 0.00	43.01 -1.33 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	42.97 2.70 0.00	40.54 2.26 0.00	38.44 1.97 0.00	38.44 2.04 0.00	38.84 1.99 0.00	39.96 2.23 0.00	47.66 2.70 0.00	55.09 3.17 0.00	56.02 3.07 0.00	44.77 2.61 0.00	40.70 2.52 0.00	39.50 2.41 0.00	37.65 2.40 0.00	37.50 2.42 0.00	37.38 2.35 0.00	38.44 2.28 0.00	46.60 2.84 0.00	63.23 3.58 0.00	74.33 4.21 0.00	68.22 3.62 0.00	60.88 3.39 0.00	54.23 3.07 0.00	51.47 2.54 0.00	46.42 2.08 0.00
FORT ORANGE___ 23900	41.64 1.37 0.00	39.39 1.11 0.00	37.49 1.02 0.00	37.50 1.09 0.00	37.88 1.03 0.00	38.87 1.13 0.00	46.26 1.30 0.00	53.54 1.61 0.00	54.43 1.48 0.00	43.21 1.05 0.00	38.98 0.80 0.00	37.68 0.59 0.00	35.85 0.60 0.00	35.63 0.56 0.00	35.77 0.74 0.00	37.00 0.83 0.00	44.85 1.09 0.00	61.20 1.55 0.00	71.80 1.68 0.00	65.96 1.36 0.00	58.64 1.15 0.00	52.13 0.97 0.00	49.61 0.68 0.00	44.78 0.44 0.00
FORT_DRUM_COGEN 23780	40.31 0.04 0.00	38.32 0.04 0.00	36.44 -0.04 0.00	36.15 -0.25 0.00	36.85 0.00 0.00	37.66 -0.08 0.00	44.87 -0.09 0.00	52.13 0.21 0.00	53.11 0.16 0.00	41.61 -0.55 0.00	37.64 -0.53 0.00	36.64 -0.45 0.00	34.69 -0.56 0.00	34.48 -0.60 0.00	34.41 -0.63 0.00	35.69 -0.47 0.00	43.80 0.04 0.00	60.25 0.60 0.00	71.45 1.33 0.00	66.15 1.55 0.00	58.47 0.98 0.00	52.14 0.97 0.00	49.80 0.88 0.00	45.05 0.71 0.00
FOX_HILLS___ESR 323835	43.69 3.42 0.00	41.12 2.83 0.00	38.95 2.48 0.00	38.95 2.55 0.00	39.36 2.51 0.00	40.45 2.72 0.00	47.97 3.01 0.00	55.20 3.27 0.00	55.92 2.97 0.00	45.02 2.87 0.00	41.04 2.86 0.00	39.98 2.89 0.00	38.25 3.00 0.00	38.16 3.09 0.00	37.91 2.87 0.00	38.88 2.71 0.00	46.95 3.19 0.00	63.17 3.52 0.00	74.53 4.42 0.01	68.47 3.88 0.01	61.11 3.62 0.00	54.54 3.38 0.00	51.96 3.03 0.00	47.00 2.66 0.00
FPL_FAR_ROCK_GT1 24212	43.58 3.30 -0.01	40.70 2.41 -0.01	38.49 2.00 -0.01	38.42 2.00 -0.01	38.92 2.06 -0.01	39.93 2.19 -0.01	47.57 2.61 -0.01	56.17 1.82 -2.43	57.23 1.00 -3.28	44.02 1.85 -0.01	41.08 2.90 -0.01	39.58 2.49 -0.01	37.83 2.57 -0.01	38.58 3.51 0.00	37.74 2.70 -0.01	38.81 2.64 -0.01	46.92 3.15 -0.01	69.19 2.56 -6.98	80.43 3.78 -6.53	78.52 3.36 -10.56	69.35 2.76 -9.10	56.98 2.56 -3.26	52.16 1.66 -1.57	46.56 2.22 -0.01
FPL_FAR_ROCK_GT2 23815	43.58 3.30 -0.01	40.70 2.41 -0.01	38.49 2.00 -0.01	38.42 2.00 -0.01	38.92 2.06 -0.01	39.93 2.19 -0.01	47.57 2.61 -0.01	56.17 1.82 -2.43	57.23 1.00 -3.28	44.02 1.85 -0.01	41.08 2.90 -0.01	39.58 2.49 -0.01	37.83 2.57 -0.01	38.58 3.51 0.00	37.74 2.70 -0.01	38.81 2.64 -0.01	46.92 3.15 -0.01	69.19 2.56 -6.98	80.43 3.78 -6.53	78.52 3.36 -10.56	69.35 2.76 -9.10	56.98 2.56 -3.26	52.16 1.66 -1.57	46.56 2.22 -0.01
FRANKLIN_FALL_HYD 24054	39.75 -0.52 0.00	37.79 -0.50 0.00	35.93 -0.55 0.00	35.90 -0.51 0.00	36.37 -0.48 0.00	37.25 -0.49 0.00	44.78 -0.18 0.00	51.87 -0.05 0.00	53.06 0.11 0.00	42.03 -0.13 0.00	38.14 -0.04 0.00	37.42 0.33 0.00	35.46 0.21 0.00	35.01 -0.07 0.00	35.04 0.00 0.00	36.16 0.00 0.00	44.19 0.44 0.00	60.66 1.01 0.00	71.52 1.40 0.00	66.28 1.68 0.00	59.27 1.78 0.00	52.44 1.28 0.00	50.44 1.52 0.00	45.58 1.24 0.00

FREEPORT_EQUS_GT1 23764	43.21 2.94 0.00	40.35 2.07 0.00	38.19 1.71 0.00	38.08 1.68 0.00	38.58 1.73 0.00	39.58 1.85 0.00	47.12 2.16 0.00	53.07 1.40 0.26	53.18 0.58 0.35	43.67 1.52 0.00	40.70 2.52 0.00	39.28 2.19 0.00	37.51 2.26 0.00	38.27 3.19 0.00	37.42 2.38 0.00	38.48 2.32 0.00	46.51 2.76 0.00	60.92 2.03 0.76	71.86 3.08 1.34	65.15 2.71 2.16	58.69 2.18 0.99	52.55 2.05 0.67	49.98 1.22 0.17	46.11 1.78 0.00
FREEPORT___CT2 23818	43.21 2.94 0.00	40.35 2.07 0.00	38.19 1.71 0.00	38.08 1.68 0.00	38.58 1.73 0.00	39.58 1.85 0.00	47.12 2.16 0.00	53.07 1.40 0.26	53.18 0.58 0.35	43.67 1.52 0.00	40.70 2.52 0.00	39.28 2.19 0.00	37.51 2.26 0.00	38.27 3.19 0.00	37.42 2.38 0.00	38.48 2.32 0.00	46.51 2.76 0.00	60.92 2.03 0.76	71.86 3.08 1.34	65.15 2.71 2.16	58.69 2.18 0.99	52.55 2.05 0.67	49.98 1.22 0.17	46.11 1.78 0.00
FRESHKLS_33_KV_LOAD 356253	43.97 3.70 0.00	41.38 3.10 0.00	39.21 2.74 0.00	39.21 2.80 0.00	39.62 2.76 0.00	40.72 2.98 0.00	48.24 3.28 0.00	55.51 3.58 0.00	56.18 3.23 0.00	45.19 3.04 0.00	41.19 3.02 0.00	40.13 3.04 0.00	38.39 3.14 0.00	38.30 3.23 0.00	38.09 3.05 0.00	39.02 2.86 0.00	47.17 3.41 0.00	63.53 3.88 0.00	74.95 4.84 0.01	68.86 4.26 0.01	61.40 3.91 0.00	54.85 3.68 0.00	52.30 3.38 0.00	47.35 3.01 0.00
FULTON COGEN____ 23766	39.59 -0.68 0.00	37.75 -0.54 0.00	36.00 -0.47 0.00	35.93 -0.47 0.00	36.37 -0.48 0.00	37.13 -0.60 0.00	44.15 -0.81 0.00	50.99 -0.93 0.00	52.10 -0.85 0.00	41.52 -0.63 0.00	37.64 -0.53 0.00	36.50 -0.59 0.00	34.72 -0.53 0.00	34.58 -0.49 0.00	34.48 -0.56 0.00	35.59 -0.58 0.00	42.92 -0.83 0.00	58.46 -1.19 0.00	68.72 -1.40 0.00	63.31 -1.29 0.00	56.28 -1.21 0.00	50.19 -0.97 0.00	48.09 -0.83 0.00	43.54 -0.80 0.00
FULTON___LFGE 323630	42.16 1.89 0.00	39.93 1.65 0.00	37.97 1.50 0.00	37.97 1.56 0.00	38.40 1.55 0.00	39.51 1.77 0.00	47.12 2.16 0.00	54.62 2.70 0.00	55.23 2.28 0.00	43.21 1.05 0.00	38.67 0.50 0.00	37.31 0.22 0.00	35.36 0.11 0.00	35.22 0.14 0.00	35.39 0.35 0.00	36.78 0.61 0.00	45.20 1.44 0.00	62.63 2.98 0.00	74.11 3.99 0.00	67.96 3.36 0.00	60.25 2.76 0.00	53.57 2.41 0.00	51.07 2.15 0.00	46.11 1.78 0.00
G.F.CEMENT___DRP 24184	41.88 1.61 0.00	39.66 1.38 0.00	37.71 1.24 0.00	37.72 1.31 0.00	38.10 1.25 0.00	39.21 1.47 0.00	46.62 1.66 0.00	53.95 2.03 0.00	54.80 1.85 0.00	43.46 1.31 0.00	39.02 0.84 0.00	37.53 0.45 0.00	35.53 0.28 0.00	35.36 0.28 0.00	35.53 0.49 0.00	36.74 0.58 0.00	44.85 1.09 0.00	61.74 2.09 0.00	72.78 2.66 0.00	66.73 2.13 0.00	59.33 1.84 0.00	52.60 1.43 0.00	50.20 1.27 0.00	45.36 1.02 0.00
GARDENVILLE___LBMP 24039	36.85 -3.42 0.00	36.29 -1.99 0.00	35.16 -1.31 0.00	35.06 -1.35 0.00	35.56 -1.29 0.00	36.60 -1.13 0.00	43.03 -1.93 0.00	48.91 -3.01 0.00	50.30 -2.65 0.00	40.51 -1.64 0.00	36.84 -1.34 0.00	35.57 -1.52 0.00	33.98 -1.27 0.00	33.74 -1.33 0.00	33.32 -1.72 0.00	34.64 -1.52 0.00	41.04 -2.71 0.00	55.35 -4.29 0.00	65.42 -4.70 0.00	60.40 -4.20 0.00	53.64 -3.85 0.00	48.71 -2.46 0.00	47.95 -0.98 0.00	44.29 -0.04 0.00
GARDNVLA_35_KV_LD 355827	37.09 -3.18 0.00	36.52 -1.76 0.00	35.34 -1.13 0.00	35.24 -1.16 0.00	35.75 -1.11 0.00	36.79 -0.94 0.00	43.30 -1.66 0.00	49.23 -2.70 0.00	50.67 -2.28 0.00	40.85 -1.31 0.00	37.15 -1.03 0.00	35.86 -1.22 0.00	34.30 -0.95 0.00	34.09 -0.98 0.00	33.60 -1.44 0.00	34.93 -1.23 0.00	41.39 -2.36 0.00	55.77 -3.88 0.00	65.84 -4.28 0.00	60.85 -3.75 0.00	53.98 -3.51 0.00	49.02 -2.15 0.00	48.24 -0.68 0.00	44.47 0.13 0.00
GELCKHM___115KV_LOAD 80723	39.75 -0.52 0.00	37.94 -0.34 0.00	36.22 -0.26 0.00	36.11 -0.29 0.00	36.59 -0.26 0.00	37.36 -0.38 0.00	44.42 -0.54 0.00	51.30 -0.62 0.00	52.42 -0.53 0.00	41.82 -0.34 0.00	37.91 -0.27 0.00	36.75 -0.33 0.00	34.97 -0.28 0.00	34.83 -0.25 0.00	34.72 -0.32 0.00	35.84 -0.33 0.00	43.19 -0.57 0.00	58.75 -0.89 0.00	69.14 -0.98 0.00	63.70 -0.90 0.00	56.63 -0.86 0.00	50.50 -0.67 0.00	48.39 -0.54 0.00	43.85 -0.49 0.00
GENERAL___MILLS 23808	37.01 -3.26 0.00	36.45 -1.84 0.00	35.27 -1.20 0.00	35.17 -1.24 0.00	35.67 -1.18 0.00	36.72 -1.02 0.00	43.16 -1.80 0.00	49.07 -2.86 0.00	50.46 -2.49 0.00	40.68 -1.48 0.00	37.03 -1.15 0.00	35.75 -1.34 0.00	34.19 -1.06 0.00	33.95 -1.12 0.00	33.49 -1.54 0.00	34.79 -1.37 0.00	41.22 -2.54 0.00	55.53 -4.12 0.00	65.56 -4.56 0.00	60.60 -4.01 0.00	53.75 -3.74 0.00	48.86 -2.30 0.00	48.09 -0.83 0.00	44.38 0.04 0.00
GE_PLASTICS___DRP 24183	41.44 1.17 0.00	39.20 0.92 0.00	37.35 0.88 0.00	37.28 0.87 0.00	37.70 0.85 0.00	38.68 0.94 0.00	46.08 1.12 0.00	53.28 1.35 0.00	54.22 1.27 0.00	43.17 1.01 0.00	38.94 0.76 0.00	37.76 0.67 0.00	35.85 0.60 0.00	35.71 0.63 0.00	35.77 0.74 0.00	36.92 0.76 0.00	44.63 0.88 0.00	60.90 1.25 0.00	71.45 1.33 0.00	65.70 1.10 0.00	58.47 0.98 0.00	51.88 0.72 0.00	49.41 0.49 0.00	44.69 0.35 0.00
GILBOA___1 23756	41.48 1.21 0.00	39.28 0.99 0.00	37.39 0.91 0.00	37.35 0.94 0.00	37.77 0.92 0.00	38.76 1.02 0.00	46.17 1.21 0.00	53.38 1.45 0.00	54.38 1.43 0.00	43.30 1.14 0.00	39.21 1.03 0.00	38.05 0.96 0.00	36.16 0.91 0.00	36.06 0.98 0.00	36.02 0.98 0.00	37.14 0.98 0.00	44.89 1.14 0.00	61.02 1.37 0.00	71.52 1.40 0.00	65.82 1.22 0.00	58.70 1.21 0.00	52.24 1.08 0.00	49.81 0.88 0.00	45.04 0.71 0.00
GILBOA___2 23757	41.48 1.21 0.00	39.28 0.99 0.00	37.39 0.91 0.00	37.35 0.94 0.00	37.77 0.92 0.00	38.76 1.02 0.00	46.17 1.21 0.00	53.38 1.45 0.00	54.38 1.43 0.00	43.30 1.14 0.00	39.21 1.03 0.00	38.05 0.96 0.00	36.16 0.91 0.00	36.06 0.98 0.00	36.02 0.98 0.00	37.14 0.98 0.00	44.89 1.14 0.00	61.02 1.37 0.00	71.52 1.40 0.00	65.82 1.22 0.00	58.70 1.21 0.00	52.24 1.08 0.00	49.81 0.88 0.00	45.04 0.71 0.00
GILBOA___3 23758	41.48 1.21 0.00	39.28 0.99 0.00	37.39 0.91 0.00	37.35 0.94 0.00	37.77 0.92 0.00	38.76 1.02 0.00	46.17 1.21 0.00	53.38 1.45 0.00	54.38 1.43 0.00	43.30 1.14 0.00	39.21 1.03 0.00	38.05 0.96 0.00	36.16 0.91 0.00	36.06 0.98 0.00	36.02 0.98 0.00	37.14 0.98 0.00	44.89 1.14 0.00	61.02 1.37 0.00	71.52 1.40 0.00	65.82 1.22 0.00	58.70 1.21 0.00	52.24 1.08 0.00	49.81 0.88 0.00	45.04 0.71 0.00
GILBOA___4 23759	41.48 1.21 0.00	39.28 0.99 0.00	37.39 0.91 0.00	37.35 0.94 0.00	37.77 0.92 0.00	38.76 1.02 0.00	46.17 1.21 0.00	53.38 1.45 0.00	54.38 1.43 0.00	43.30 1.14 0.00	39.21 1.03 0.00	38.05 0.96 0.00	36.16 0.91 0.00	36.06 0.98 0.00	36.02 0.98 0.00	37.14 0.98 0.00	44.89 1.14 0.00	61.02 1.37 0.00	71.52 1.40 0.00	65.82 1.22 0.00	58.70 1.21 0.00	52.24 1.08 0.00	49.81 0.88 0.00	45.04 0.71 0.00

GILBOA____ 23599	41.52 1.25 0.00	39.32 1.03 0.00	37.39 0.91 0.00	37.35 0.95 0.00	37.77 0.92 0.00	38.79 1.06 0.00	46.22 1.26 0.00	53.43 1.51 0.00	54.38 1.43 0.00	43.34 1.18 0.00	39.25 1.07 0.00	38.09 1.00 0.00	36.20 0.95 0.00	36.09 1.02 0.00	36.05 1.02 0.00	37.14 0.98 0.00	44.94 1.18 0.00	61.14 1.49 0.00	71.66 1.54 0.00	65.89 1.29 0.00	58.81 1.32 0.00	52.29 1.13 0.00	49.80 0.88 0.00	45.05 0.71 0.00
GINNA____ 23603	37.17 -3.10 0.00	35.99 -2.30 0.00	34.54 -1.93 0.00	34.29 -2.11 0.00	34.75 -2.10 0.00	35.66 -2.08 0.00	42.40 -2.56 0.00	48.55 -3.37 0.00	49.88 -3.07 0.00	40.09 -2.06 0.00	36.31 -1.87 0.00	35.16 -1.93 0.00	33.45 -1.80 0.00	33.29 -1.79 0.00	33.04 -2.00 0.00	34.14 -2.02 0.00	40.95 -2.80 0.00	55.65 -4.00 0.00	65.77 -4.35 0.00	60.60 -4.01 0.00	53.52 -3.97 0.00	48.04 -3.12 0.00	46.48 -2.44 0.00	42.39 -1.95 0.00
GLEN PARK____ 23778	40.39 0.12 0.00	38.40 0.12 0.00	36.55 0.07 0.00	36.22 -0.18 0.00	36.93 0.07 0.00	37.77 0.04 0.00	45.00 0.05 0.00	52.34 0.41 0.00	53.27 0.32 0.00	41.69 -0.46 0.00	37.68 -0.50 0.00	36.68 -0.41 0.00	34.68 -0.57 0.00	34.51 -0.56 0.00	34.41 -0.63 0.00	35.69 -0.47 0.00	43.84 0.09 0.00	60.42 0.77 0.00	71.80 1.68 0.00	66.48 1.87 0.00	58.70 1.21 0.00	52.34 1.18 0.00	49.95 1.03 0.00	45.18 0.84 0.00
GLENDALE_27_KV_LOAD 356172	43.37 3.10 0.00	40.77 2.49 0.00	38.66 2.19 0.00	38.63 2.22 0.00	39.06 2.21 0.00	40.19 2.45 0.00	47.75 2.79 0.00	55.09 3.17 0.00	55.97 3.02 0.00	45.07 2.91 0.00	41.08 2.90 0.00	40.02 2.93 0.00	38.25 3.00 0.00	38.13 3.05 0.00	37.91 2.87 0.00	38.84 2.68 0.00	46.86 3.11 0.00	63.05 3.40 0.00	74.11 4.00 0.01	68.08 3.49 0.01	60.94 3.45 0.00	54.29 3.12 0.00	51.62 2.69 0.00	46.64 2.31 0.00
GLENWOOD_IC_1_G5 23712	43.21 2.94 0.00	40.58 2.30 0.00	38.44 1.97 0.00	38.41 2.00 0.00	38.84 1.99 0.00	40.04 2.30 0.00	47.66 2.70 0.00	54.08 2.44 0.29	54.84 2.28 0.38	44.64 2.49 0.00	41.04 2.86 0.00	39.76 2.67 0.00	38.03 2.78 0.00	38.20 3.12 0.00	37.73 2.70 0.00	38.73 2.57 0.00	46.86 3.11 0.00	61.93 3.10 0.82	73.17 4.07 1.02	66.51 3.55 1.64	59.64 3.22 1.07	53.63 2.97 0.51	50.94 2.20 0.18	46.42 2.08 0.00
GLENWOOD_IC_2_G1 23688	43.05 2.78 0.00	40.46 2.18 0.00	38.37 1.90 0.00	38.33 1.93 0.00	38.80 1.95 0.00	39.89 2.15 0.00	47.52 2.56 0.00	54.83 2.91 0.00	55.65 2.70 0.00	44.69 2.53 0.00	40.85 2.67 0.00	39.68 2.60 0.00	37.75 2.50 0.00	37.85 2.77 0.00	37.56 2.52 0.00	38.59 2.42 0.00	46.51 2.76 0.00	62.63 2.98 0.00	73.83 3.71 0.00	67.89 3.29 0.00	60.42 2.93 0.00	53.87 2.71 0.00	51.13 2.20 0.00	46.33 2.00 0.00
GLENWOOD_IC_3_G1 23689	43.05 2.78 0.00	40.46 2.18 0.00	38.37 1.90 0.00	38.33 1.93 0.00	38.80 1.95 0.00	39.89 2.15 0.00	47.52 2.56 0.00	54.83 2.91 0.00	55.65 2.70 0.00	44.69 2.53 0.00	40.85 2.67 0.00	39.68 2.60 0.00	37.75 2.50 0.00	37.85 2.77 0.00	37.56 2.52 0.00	38.59 2.42 0.00	46.51 2.76 0.00	62.63 2.98 0.00	73.83 3.71 0.00	67.89 3.29 0.00	60.42 2.93 0.00	53.87 2.71 0.00	51.13 2.20 0.00	46.33 2.00 0.00
GLENWOOD____4 23550	43.21 2.94 0.00	40.58 2.30 0.00	38.44 1.97 0.00	38.41 2.00 0.00	38.84 1.99 0.00	40.04 2.30 0.00	47.66 2.70 0.00	54.08 2.44 0.29	54.84 2.28 0.38	44.64 2.49 0.00	41.04 2.86 0.00	39.76 2.67 0.00	38.03 2.78 0.00	38.20 3.12 0.00	37.73 2.70 0.00	38.73 2.57 0.00	46.86 3.11 0.00	61.93 3.10 0.82	73.17 4.07 1.02	66.51 3.55 1.64	59.64 3.22 1.07	53.63 2.97 0.51	50.94 2.20 0.18	46.42 2.08 0.00
GLENWOOD____5 23614	43.21 2.94 0.00	40.58 2.30 0.00	38.44 1.97 0.00	38.41 2.00 0.00	38.84 1.99 0.00	40.04 2.30 0.00	47.66 2.70 0.00	54.08 2.44 0.29	54.84 2.28 0.38	44.64 2.49 0.00	41.04 2.86 0.00	39.76 2.67 0.00	38.03 2.78 0.00	38.20 3.12 0.00	37.73 2.70 0.00	38.73 2.57 0.00	46.86 3.11 0.00	61.93 3.10 0.82	73.17 4.07 1.02	66.51 3.55 1.64	59.64 3.22 1.07	53.63 2.97 0.51	50.94 2.20 0.18	46.42 2.08 0.00
GLOBAL GREEN_PORT_GT1 23814	41.99 1.73 0.01	39.00 0.73 0.01	36.87 0.40 0.01	36.76 0.36 0.01	37.25 0.41 0.01	38.60 0.87 0.01	36.07 0.14 9.03	47.83 -0.99 3.11	40.25 -2.01 10.68	32.48 -0.38 9.29	35.33 0.91 3.76	34.43 0.59 3.25	35.98 0.74 0.01	37.07 2.00 0.00	35.08 0.91 0.86	37.02 0.87 0.01	44.75 1.01 0.01	53.46 -0.06 6.13	63.09 0.84 7.87	52.52 0.65 12.73	49.73 0.23 7.99	47.70 0.46 3.93	47.01 -0.54 1.38	44.73 0.40 0.01
GLOBE____DSASP 323697	36.28 -3.99 0.00	35.83 -2.45 0.00	34.69 -1.79 0.00	34.59 -1.82 0.00	35.05 -1.81 0.00	35.96 -1.77 0.00	42.22 -2.74 0.00	47.82 -4.10 0.00	49.24 -3.71 0.00	39.71 -2.45 0.00	36.19 -1.99 0.00	34.96 -2.11 0.02	33.43 -1.80 0.02	33.22 -1.86 0.00	32.81 -2.21 0.02	34.07 -2.10 0.00	40.25 -3.50 0.00	53.92 -5.73 0.00	63.39 -6.73 0.00	58.66 -5.94 0.00	52.09 -5.40 0.00	47.38 -3.79 0.00	46.67 -2.25 0.00	43.18 -1.15 0.00
GOETHSLN____LBMP 323567	42.97 2.70 0.00	40.43 2.14 0.00	38.33 1.86 0.00	38.30 1.89 0.00	38.73 1.88 0.00	39.89 2.15 0.00	47.52 2.56 0.00	54.99 3.06 0.00	55.92 2.97 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.83 2.74 0.00	38.03 2.78 0.00	37.95 2.88 0.00	37.67 2.63 0.00	38.66 2.50 0.00	46.64 2.89 0.00	62.87 3.22 0.00	73.90 3.79 0.00	67.90 3.29 0.00	60.71 3.22 0.00	54.03 2.87 0.00	51.27 2.35 0.00	46.24 1.91 0.00
GOLAH____69_KV_TB 1_2 80279	38.70 -1.57 0.00	37.75 -0.54 0.00	36.33 -0.15 0.00	36.15 -0.25 0.00	36.63 -0.22 0.00	37.55 -0.19 0.00	44.28 -0.67 0.00	50.52 -1.40 0.00	51.89 -1.06 0.00	41.65 -0.51 0.00	37.87 -0.31 0.00	36.61 -0.48 0.00	34.90 -0.35 0.00	34.65 -0.42 0.00	34.37 -0.67 0.00	35.62 -0.54 0.00	42.53 -1.23 0.00	57.44 -2.21 0.00	67.66 -2.45 0.00	62.47 -2.13 0.00	55.42 -2.07 0.00	49.99 -1.18 0.00	48.68 -0.24 0.00	44.78 0.44 0.00
GOODYEAR_LAKE_HYD 323669	41.68 1.41 0.00	39.58 1.30 0.00	37.64 1.17 0.00	37.53 1.13 0.00	38.07 1.22 0.00	39.09 1.36 0.00	46.62 1.66 0.00	53.95 2.03 0.00	55.02 2.07 0.00	43.55 1.39 0.00	39.48 1.30 0.00	38.42 1.34 0.00	36.48 1.23 0.00	36.34 1.26 0.00	36.23 1.19 0.00	37.39 1.23 0.00	45.37 1.62 0.00	61.92 2.27 0.00	72.99 2.87 0.00	67.18 2.58 0.00	59.68 2.18 0.00	53.16 2.00 0.00	50.69 1.76 0.00	45.84 1.51 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.31 0.04 0.00	38.55 0.27 0.00	36.80 0.33 0.00	36.73 0.33 0.00	37.22 0.37 0.00	38.15 0.42 0.00	45.41 0.45 0.00	52.29 0.36 0.00	53.37 0.42 0.00	42.58 0.42 0.00	38.60 0.42 0.00	37.42 0.33 0.00	35.60 0.35 0.00	35.46 0.39 0.00	35.28 0.25 0.00	36.45 0.29 0.00	43.93 0.18 0.00	59.71 0.06 0.00	70.40 0.28 0.00	64.79 0.19 0.00	57.66 0.17 0.00	51.47 0.31 0.00	49.41 0.49 0.00	44.91 0.58 0.00

GOUDEY___7 23579	40.31 0.04 0.00	38.55 0.27 0.00	36.80 0.33 0.00	36.73 0.33 0.00	37.22 0.37 0.00	38.15 0.42 0.00	45.41 0.45 0.00	52.29 0.36 0.00	53.37 0.42 0.00	42.58 0.42 0.00	38.60 0.42 0.00	37.42 0.33 0.00	35.60 0.35 0.00	35.46 0.39 0.00	35.28 0.25 0.00	36.45 0.29 0.00	43.93 0.18 0.00	59.71 0.06 0.00	70.40 0.28 0.00	64.79 0.19 0.00	57.66 0.17 0.00	51.47 0.31 0.00	49.41 0.49 0.00	44.91 0.58 0.00
GOUDEY___8 23580	40.31 0.04 0.00	38.55 0.27 0.00	36.80 0.33 0.00	36.73 0.33 0.00	37.22 0.37 0.00	38.15 0.42 0.00	45.41 0.45 0.00	52.29 0.36 0.00	53.37 0.42 0.00	42.58 0.42 0.00	38.60 0.42 0.00	37.42 0.33 0.00	35.60 0.35 0.00	35.46 0.39 0.00	35.28 0.25 0.00	36.45 0.29 0.00	43.93 0.18 0.00	59.71 0.06 0.00	70.40 0.28 0.00	64.79 0.19 0.00	57.66 0.17 0.00	51.47 0.31 0.00	49.41 0.49 0.00	44.91 0.58 0.00
GOWANUS_GT1_1 24077	43.45 3.18 0.00	40.85 2.56 0.00	38.73 2.26 0.00	38.70 2.29 0.00	39.14 2.28 0.00	40.19 2.45 0.00	47.70 2.74 0.00	54.99 3.06 0.00	55.76 2.81 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.87 2.78 0.00	38.14 2.89 0.00	38.06 2.98 0.00	37.81 2.77 0.00	38.77 2.60 0.00	46.82 3.06 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.15 3.55 0.01	60.88 3.39 0.00	54.29 3.12 0.00	51.66 2.74 0.00	46.73 2.39 0.00
GOWANUS_GT1_2 24078	43.45 3.18 0.00	40.85 2.56 0.00	38.73 2.26 0.00	38.70 2.29 0.00	39.14 2.28 0.00	40.19 2.45 0.00	47.70 2.74 0.00	54.99 3.06 0.00	55.76 2.81 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.87 2.78 0.00	38.14 2.89 0.00	38.06 2.98 0.00	37.81 2.77 0.00	38.77 2.60 0.00	46.82 3.06 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.15 3.55 0.01	60.88 3.39 0.00	54.29 3.12 0.00	51.66 2.74 0.00	46.73 2.39 0.00
GOWANUS_GT1_3 24079	43.45 3.18 0.00	40.85 2.56 0.00	38.73 2.26 0.00	38.70 2.29 0.00	39.14 2.28 0.00	40.19 2.45 0.00	47.70 2.74 0.00	54.99 3.06 0.00	55.76 2.81 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.87 2.78 0.00	38.14 2.89 0.00	38.06 2.98 0.00	37.81 2.77 0.00	38.77 2.60 0.00	46.82 3.06 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.15 3.55 0.01	60.88 3.39 0.00	54.29 3.12 0.00	51.66 2.74 0.00	46.73 2.39 0.00
GOWANUS_GT1_4 24080	43.45 3.18 0.00	40.85 2.56 0.00	38.73 2.26 0.00	38.70 2.29 0.00	39.14 2.28 0.00	40.19 2.45 0.00	47.70 2.74 0.00	54.99 3.06 0.00	55.76 2.81 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.87 2.78 0.00	38.14 2.89 0.00	38.06 2.98 0.00	37.81 2.77 0.00	38.77 2.60 0.00	46.82 3.06 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.15 3.55 0.01	60.88 3.39 0.00	54.29 3.12 0.00	51.66 2.74 0.00	46.73 2.39 0.00
GOWANUS_GT1_5 24084	43.45 3.18 0.00	40.85 2.56 0.00	38.73 2.26 0.00	38.70 2.29 0.00	39.14 2.28 0.00	40.19 2.45 0.00	47.70 2.74 0.00	54.99 3.06 0.00	55.76 2.81 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.87 2.78 0.00	38.14 2.89 0.00	38.06 2.98 0.00	37.81 2.77 0.00	38.77 2.60 0.00	46.82 3.06 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.15 3.55 0.01	60.88 3.39 0.00	54.29 3.12 0.00	51.66 2.74 0.00	46.73 2.39 0.00
GOWANUS_GT1_6 24111	43.45 3.18 0.00	40.85 2.56 0.00	38.73 2.26 0.00	38.70 2.29 0.00	39.14 2.28 0.00	40.19 2.45 0.00	47.70 2.74 0.00	54.99 3.06 0.00	55.76 2.81 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.87 2.78 0.00	38.14 2.89 0.00	38.06 2.98 0.00	37.81 2.77 0.00	38.77 2.60 0.00	46.82 3.06 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.15 3.55 0.01	60.88 3.39 0.00	54.29 3.12 0.00	51.66 2.74 0.00	46.73 2.39 0.00
GOWANUS_GT1_7 24112	43.45 3.18 0.00	40.85 2.56 0.00	38.73 2.26 0.00	38.70 2.29 0.00	39.14 2.28 0.00	40.19 2.45 0.00	47.70 2.74 0.00	54.99 3.06 0.00	55.76 2.81 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.87 2.78 0.00	38.14 2.89 0.00	38.06 2.98 0.00	37.81 2.77 0.00	38.77 2.60 0.00	46.82 3.06 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.15 3.55 0.01	60.88 3.39 0.00	54.29 3.12 0.00	51.66 2.74 0.00	46.73 2.39 0.00
GOWANUS_GT1_8 24113	43.45 3.18 0.00	40.85 2.56 0.00	38.73 2.26 0.00	38.70 2.29 0.00	39.14 2.28 0.00	40.19 2.45 0.00	47.70 2.74 0.00	54.99 3.06 0.00	55.76 2.81 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.87 2.78 0.00	38.14 2.89 0.00	38.06 2.98 0.00	37.81 2.77 0.00	38.77 2.60 0.00	46.82 3.06 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.15 3.55 0.01	60.88 3.39 0.00	54.29 3.12 0.00	51.66 2.74 0.00	46.73 2.39 0.00
GOWANUS_GT2_1 24114	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
GOWANUS_GT2_2 24115	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
GOWANUS_GT2_3 24116	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
GOWANUS_GT2_4 24117	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
GOWANUS_GT2_5 24118	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00

GOWANUS_GT2_6 24119	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
GOWANUS_GT2_7 24120	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
GOWANUS_GT2_8 24121	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
GOWANUS_GT3_1 24122	43.45 3.18 0.00	40.81 2.53 0.00	38.70 2.23 0.00	38.66 2.26 0.00	39.10 2.25 0.00	40.08 2.34 0.00	47.61 2.65 0.00	54.99 3.06 0.00	55.81 2.86 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.79 2.71 0.00	37.90 2.65 0.00	37.85 2.77 0.00	37.70 2.66 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.75 3.10 0.00	73.89 3.78 0.01	68.02 3.42 0.01	60.54 3.04 0.00	54.03 2.86 0.00	51.47 2.54 0.00	46.68 2.35 0.00
GOWANUS_GT3_2 24123	43.45 3.18 0.00	40.81 2.53 0.00	38.70 2.23 0.00	38.66 2.26 0.00	39.10 2.25 0.00	40.08 2.34 0.00	47.61 2.65 0.00	54.99 3.06 0.00	55.81 2.86 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.79 2.71 0.00	37.90 2.65 0.00	37.85 2.77 0.00	37.70 2.66 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.75 3.10 0.00	73.89 3.78 0.01	68.02 3.42 0.01	60.54 3.04 0.00	54.03 2.86 0.00	51.47 2.54 0.00	46.68 2.35 0.00
GOWANUS_GT3_3 24124	43.45 3.18 0.00	40.81 2.53 0.00	38.70 2.23 0.00	38.66 2.26 0.00	39.10 2.25 0.00	40.08 2.34 0.00	47.61 2.65 0.00	54.99 3.06 0.00	55.81 2.86 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.79 2.71 0.00	37.90 2.65 0.00	37.85 2.77 0.00	37.70 2.66 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.75 3.10 0.00	73.89 3.78 0.01	68.02 3.42 0.01	60.54 3.04 0.00	54.03 2.86 0.00	51.47 2.54 0.00	46.68 2.35 0.00
GOWANUS_GT3_4 24125	43.45 3.18 0.00	40.81 2.53 0.00	38.70 2.23 0.00	38.66 2.26 0.00	39.10 2.25 0.00	40.08 2.34 0.00	47.61 2.65 0.00	54.99 3.06 0.00	55.81 2.86 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.79 2.71 0.00	37.90 2.65 0.00	37.85 2.77 0.00	37.70 2.66 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.75 3.10 0.00	73.89 3.78 0.01	68.02 3.42 0.01	60.54 3.04 0.00	54.03 2.86 0.00	51.47 2.54 0.00	46.68 2.35 0.00
GOWANUS_GT3_5 24126	43.45 3.18 0.00	40.81 2.53 0.00	38.70 2.23 0.00	38.66 2.26 0.00	39.10 2.25 0.00	40.08 2.34 0.00	47.61 2.65 0.00	54.99 3.06 0.00	55.81 2.86 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.79 2.71 0.00	37.90 2.65 0.00	37.85 2.77 0.00	37.70 2.66 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.75 3.10 0.00	73.89 3.78 0.01	68.02 3.42 0.01	60.54 3.04 0.00	54.03 2.86 0.00	51.47 2.54 0.00	46.68 2.35 0.00
GOWANUS_GT3_6 24127	43.45 3.18 0.00	40.81 2.53 0.00	38.70 2.23 0.00	38.66 2.26 0.00	39.10 2.25 0.00	40.08 2.34 0.00	47.61 2.65 0.00	54.99 3.06 0.00	55.81 2.86 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.79 2.71 0.00	37.90 2.65 0.00	37.85 2.77 0.00	37.70 2.66 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.75 3.10 0.00	73.89 3.78 0.01	68.02 3.42 0.01	60.54 3.04 0.00	54.03 2.86 0.00	51.47 2.54 0.00	46.68 2.35 0.00
GOWANUS_GT3_7 24128	43.45 3.18 0.00	40.81 2.53 0.00	38.70 2.23 0.00	38.66 2.26 0.00	39.10 2.25 0.00	40.08 2.34 0.00	47.61 2.65 0.00	54.99 3.06 0.00	55.81 2.86 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.79 2.71 0.00	37.90 2.65 0.00	37.85 2.77 0.00	37.70 2.66 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.75 3.10 0.00	73.89 3.78 0.01	68.02 3.42 0.01	60.54 3.04 0.00	54.03 2.86 0.00	51.47 2.54 0.00	46.68 2.35 0.00
GOWANUS_GT3_8 24129	43.45 3.18 0.00	40.81 2.53 0.00	38.70 2.23 0.00	38.66 2.26 0.00	39.10 2.25 0.00	40.08 2.34 0.00	47.61 2.65 0.00	54.99 3.06 0.00	55.81 2.86 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.79 2.71 0.00	37.90 2.65 0.00	37.85 2.77 0.00	37.70 2.66 0.00	38.69 2.53 0.00	46.60 2.84 0.00	62.75 3.10 0.00	73.89 3.78 0.01	68.02 3.42 0.01	60.54 3.04 0.00	54.03 2.86 0.00	51.47 2.54 0.00	46.68 2.35 0.00
GOWANUS_GT4_1 24130	43.49 3.22 0.00	40.89 2.60 0.00	38.77 2.30 0.00	38.74 2.33 0.00	39.14 2.28 0.00	40.23 2.49 0.00	47.75 2.79 0.00	55.04 3.12 0.00	55.81 2.86 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.91 2.82 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.77 2.60 0.00	46.86 3.11 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.21 3.62 0.01	60.88 3.39 0.00	54.34 3.17 0.00	51.71 2.79 0.00	46.78 2.44 0.00
GOWANUS_GT4_2 24131	43.49 3.22 0.00	40.89 2.60 0.00	38.77 2.30 0.00	38.74 2.33 0.00	39.14 2.28 0.00	40.23 2.49 0.00	47.75 2.79 0.00	55.04 3.12 0.00	55.81 2.86 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.91 2.82 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.77 2.60 0.00	46.86 3.11 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.21 3.62 0.01	60.88 3.39 0.00	54.34 3.17 0.00	51.71 2.79 0.00	46.78 2.44 0.00
GOWANUS_GT4_3 24132	43.49 3.22 0.00	40.89 2.60 0.00	38.77 2.30 0.00	38.74 2.33 0.00	39.14 2.28 0.00	40.23 2.49 0.00	47.75 2.79 0.00	55.04 3.12 0.00	55.81 2.86 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.91 2.82 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.77 2.60 0.00	46.86 3.11 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.21 3.62 0.01	60.88 3.39 0.00	54.34 3.17 0.00	51.71 2.79 0.00	46.78 2.44 0.00
GOWANUS_GT4_4 24133	43.49 3.22 0.00	40.89 2.60 0.00	38.77 2.30 0.00	38.74 2.33 0.00	39.14 2.28 0.00	40.23 2.49 0.00	47.75 2.79 0.00	55.04 3.12 0.00	55.81 2.86 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.91 2.82 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.77 2.60 0.00	46.86 3.11 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.21 3.62 0.01	60.88 3.39 0.00	54.34 3.17 0.00	51.71 2.79 0.00	46.78 2.44 0.00

GOWANUS_GT4_5 24134	43.49 3.22 0.00	40.89 2.60 0.00	38.77 2.30 0.00	38.74 2.33 0.00	39.14 2.28 0.00	40.23 2.49 0.00	47.75 2.79 0.00	55.04 3.12 0.00	55.81 2.86 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.91 2.82 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.77 2.60 0.00	46.86 3.11 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.21 3.62 0.01	60.88 3.39 0.00	54.34 3.17 0.00	51.71 2.79 0.00	46.78 2.44 0.00
GOWANUS_GT4_6 24135	43.49 3.22 0.00	40.89 2.60 0.00	38.77 2.30 0.00	38.74 2.33 0.00	39.14 2.28 0.00	40.23 2.49 0.00	47.75 2.79 0.00	55.04 3.12 0.00	55.81 2.86 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.91 2.82 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.77 2.60 0.00	46.86 3.11 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.21 3.62 0.01	60.88 3.39 0.00	54.34 3.17 0.00	51.71 2.79 0.00	46.78 2.44 0.00
GOWANUS_GT4_7 24136	43.49 3.22 0.00	40.89 2.60 0.00	38.77 2.30 0.00	38.74 2.33 0.00	39.14 2.28 0.00	40.23 2.49 0.00	47.75 2.79 0.00	55.04 3.12 0.00	55.81 2.86 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.91 2.82 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.77 2.60 0.00	46.86 3.11 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.21 3.62 0.01	60.88 3.39 0.00	54.34 3.17 0.00	51.71 2.79 0.00	46.78 2.44 0.00
GOWANUS_GT4_8 24137	43.49 3.22 0.00	40.89 2.60 0.00	38.77 2.30 0.00	38.74 2.33 0.00	39.14 2.28 0.00	40.23 2.49 0.00	47.75 2.79 0.00	55.04 3.12 0.00	55.81 2.86 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.91 2.82 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.77 2.60 0.00	46.86 3.11 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.21 3.62 0.01	60.88 3.39 0.00	54.34 3.17 0.00	51.71 2.79 0.00	46.78 2.44 0.00
GREATVRV_69_KV_BK1 356245	43.36 3.10 0.01	40.50 2.22 0.01	38.25 1.79 0.01	38.15 1.75 0.01	38.54 1.70 0.01	39.92 2.19 0.01	43.36 2.47 4.07	49.90 0.36 2.39	47.07 0.26 6.15	39.53 1.56 4.19	39.11 2.63 1.70	37.85 2.23 1.46	37.71 2.47 0.01	38.48 3.40 0.00	37.17 2.52 0.39	38.51 2.35 0.01	46.72 2.98 0.01	55.23 1.19 5.61	65.57 2.66 7.21	55.13 2.20 11.67	51.96 1.78 7.31	49.25 1.69 3.60	48.20 0.54 1.26	46.15 1.82 0.01
GREENBSH_115KV_TB3 55895	41.48 1.21 0.00	39.24 0.96 0.00	37.39 0.91 0.00	37.35 0.95 0.00	37.74 0.88 0.00	38.75 1.02 0.00	46.13 1.17 0.00	53.38 1.45 0.00	54.33 1.38 0.00	43.17 1.01 0.00	38.94 0.76 0.00	37.68 0.59 0.00	35.78 0.53 0.00	35.67 0.60 0.00	35.74 0.70 0.00	36.92 0.76 0.00	44.63 0.88 0.00	60.96 1.31 0.00	71.52 1.40 0.00	65.70 1.10 0.00	58.41 0.92 0.00	51.78 0.61 0.00	49.32 0.39 0.00	44.60 0.27 0.00
GREENDGE_115KV_TB5 80291	38.94 -1.33 0.00	37.71 -0.57 0.00	36.22 -0.26 0.00	36.15 -0.25 0.00	36.63 -0.22 0.00	37.62 -0.11 0.00	44.78 -0.18 0.00	51.04 -0.88 0.00	52.31 -0.64 0.00	41.99 -0.17 0.00	37.99 -0.19 0.00	36.68 -0.41 0.00	34.93 -0.32 0.00	34.72 -0.35 0.00	34.48 -0.56 0.00	35.77 -0.40 0.00	42.97 -0.79 0.00	58.16 -1.49 0.00	68.93 -1.19 0.00	63.44 -1.16 0.00	56.40 -1.09 0.00	50.55 -0.61 0.00	48.92 0.00 0.00	45.05 0.71 0.00
GREENIDGE___3 23582	38.94 -1.33 0.00	37.71 -0.57 0.00	36.22 -0.26 0.00	36.15 -0.25 0.00	36.63 -0.22 0.00	37.62 -0.11 0.00	44.78 -0.18 0.00	51.04 -0.88 0.00	52.31 -0.64 0.00	41.99 -0.17 0.00	37.99 -0.19 0.00	36.68 -0.41 0.00	34.93 -0.32 0.00	34.72 -0.35 0.00	34.48 -0.56 0.00	35.77 -0.40 0.00	42.97 -0.79 0.00	58.16 -1.49 0.00	68.93 -1.19 0.00	63.44 -1.16 0.00	56.40 -1.09 0.00	50.55 -0.61 0.00	48.92 0.00 0.00	45.05 0.71 0.00
GREENIDGE___4 23583	38.98 -1.29 0.00	37.75 -0.54 0.00	36.29 -0.18 0.00	36.15 -0.25 0.00	36.67 -0.18 0.00	37.70 -0.04 0.00	44.96 0.00 0.00	51.15 -0.78 0.00	52.42 -0.53 0.00	42.20 0.04 0.00	37.95 -0.23 0.00	36.72 -0.37 0.00	34.90 -0.35 0.00	34.79 -0.28 0.00	34.55 -0.49 0.00	35.77 -0.40 0.00	42.92 -0.83 0.00	58.39 -1.26 0.00	69.49 -0.63 0.00	63.95 -0.65 0.00	56.63 -0.86 0.00	50.55 -0.61 0.00	49.36 0.44 0.00	45.09 0.75 0.00
GREENLWN_69_KV_BK 3 55738	42.76 2.50 0.01	39.92 1.65 0.01	37.74 1.28 0.01	37.64 1.24 0.01	38.02 1.18 0.01	39.31 1.58 0.01	47.88 1.75 -1.17	49.77 -0.26 1.89	50.66 -0.58 1.71	44.46 1.10 -1.20	40.84 2.18 -0.48	39.36 1.85 -0.42	37.39 2.15 0.01	38.16 3.09 0.00	37.24 2.10 -0.10	38.15 1.99 0.01	46.15 2.41 0.01	54.74 0.89 5.81	64.62 1.96 7.46	54.14 1.62 12.07	51.24 1.32 7.57	48.77 1.33 3.72	47.91 0.29 1.30	45.48 1.15 0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.49 3.22 0.00	40.89 2.60 0.00	38.77 2.30 0.00	38.74 2.33 0.00	39.14 2.28 0.00	40.23 2.49 0.00	47.75 2.79 0.00	55.04 3.12 0.00	55.81 2.86 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.91 2.82 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.77 2.60 0.00	46.86 3.11 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.21 3.62 0.01	60.88 3.39 0.00	54.34 3.17 0.00	51.71 2.79 0.00	46.78 2.44 0.00
GRISSOM___SOLAR 323813	42.12 1.85 0.00	39.93 1.65 0.00	37.97 1.50 0.00	37.97 1.56 0.00	38.40 1.55 0.00	39.47 1.74 0.00	47.07 2.11 0.00	54.57 2.65 0.00	55.17 2.22 0.00	43.21 1.05 0.00	38.67 0.50 0.00	37.24 0.15 0.00	35.29 0.04 0.00	35.18 0.11 0.00	35.35 0.31 0.00	36.74 0.58 0.00	45.16 1.40 0.00	62.51 2.86 0.00	73.90 3.78 0.00	67.83 3.23 0.00	60.14 2.65 0.00	53.47 2.30 0.00	50.98 2.05 0.00	46.02 1.68 0.00
GROVEVILLE___HYD 323602	42.97 2.70 0.00	40.54 2.26 0.00	38.44 1.97 0.00	38.44 2.04 0.00	38.84 1.99 0.00	39.96 2.23 0.00	47.66 2.70 0.00	55.09 3.17 0.00	56.02 3.07 0.00	44.77 2.61 0.00	40.70 2.52 0.00	39.50 2.41 0.00	37.65 2.40 0.00	37.50 2.42 0.00	37.38 2.35 0.00	38.44 2.28 0.00	46.60 2.84 0.00	63.23 3.58 0.00	74.33 4.21 0.00	68.22 3.62 0.00	60.88 3.39 0.00	54.23 3.07 0.00	51.47 2.54 0.00	46.42 2.08 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.03 -0.24 0.00	38.21 -0.08 0.00	36.44 -0.04 0.00	36.37 -0.04 0.00	36.81 -0.04 0.00	37.62 -0.11 0.00	44.73 -0.22 0.00	51.67 -0.26 0.00	52.79 -0.16 0.00	42.11 -0.04 0.00	38.14 -0.04 0.00	37.01 -0.07 0.00	35.21 -0.04 0.00	35.04 -0.04 0.00	34.93 -0.11 0.00	36.06 -0.11 0.00	43.49 -0.26 0.00	59.17 -0.48 0.00	69.63 -0.49 0.00	64.15 -0.45 0.00	57.03 -0.46 0.00	50.86 -0.31 0.00	48.68 -0.24 0.00	44.16 -0.18 0.00
HAMLTNNY_34_KV_TB 80303	39.99 -0.28 0.00	38.21 -0.08 0.00	36.47 0.00 0.00	36.41 0.00 0.00	36.85 0.00 0.00	37.66 -0.08 0.00	44.82 -0.13 0.00	51.67 -0.26 0.00	52.79 -0.16 0.00	42.11 -0.04 0.00	38.22 0.04 0.00	37.05 -0.04 0.00	35.21 -0.04 0.00	35.08 0.00 0.00	34.93 -0.11 0.00	36.09 -0.07 0.00	43.49 -0.26 0.00	59.17 -0.48 0.00	69.63 -0.49 0.00	64.15 -0.45 0.00	57.03 -0.46 0.00	50.86 -0.31 0.00	48.78 -0.15 0.00	44.25 -0.09 0.00

HAMPSHIRE___PAPER_HYD 323593	40.35 0.08 0.00	38.36 0.08 0.00	36.51 0.04 0.00	36.33 -0.07 0.00	36.89 0.04 0.00	37.77 0.04 0.00	45.14 0.18 0.00	52.39 0.47 0.00	53.37 0.42 0.00	42.07 -0.08 0.00	38.14 -0.04 0.00	37.24 0.15 0.00	35.29 0.04 0.00	34.97 -0.10 0.00	34.93 -0.10 0.00	36.13 -0.04 0.00	44.28 0.53 0.00	60.72 1.07 0.00	71.87 1.75 0.00	66.54 1.94 0.00	59.04 1.55 0.00	52.49 1.33 0.00	50.25 1.32 0.00	45.45 1.11 0.00
HARDSCRABBLE_WT_PWR 323673	40.31 0.04 0.00	38.28 0.00 0.00	36.47 0.00 0.00	36.41 0.00 0.00	36.89 0.04 0.00	37.85 0.11 0.00	45.09 0.14 0.00	52.24 0.31 0.00	53.27 0.32 0.00	42.28 0.13 0.00	38.29 0.11 0.00	37.20 0.11 0.00	35.32 0.07 0.00	35.18 0.11 0.00	35.14 0.11 0.00	36.31 0.15 0.00	44.02 0.26 0.00	60.25 0.60 0.00	71.24 1.12 0.00	65.76 1.16 0.00	58.53 1.04 0.00	52.24 1.08 0.00	50.05 1.13 0.00	45.40 1.06 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.93 2.66 0.00	40.46 2.18 0.00	38.37 1.90 0.00	38.37 1.97 0.00	38.80 1.95 0.00	39.92 2.19 0.00	47.61 2.65 0.00	54.99 3.06 0.00	55.92 2.97 0.00	44.77 2.61 0.00	40.70 2.52 0.00	39.54 2.45 0.00	37.72 2.47 0.00	37.57 2.49 0.00	37.38 2.35 0.00	38.44 2.28 0.00	46.56 2.80 0.00	63.05 3.40 0.00	74.19 4.07 0.00	68.09 3.49 0.00	60.77 3.28 0.00	54.13 2.97 0.00	51.42 2.50 0.00	46.33 2.00 0.00
HARSNRAD_115KV_TB1 81005	37.21 -3.06 0.00	36.71 -1.57 0.00	35.53 -0.95 0.00	35.39 -1.02 0.00	35.86 -0.99 0.00	36.87 -0.87 0.00	43.07 -1.89 0.00	48.71 -3.22 0.00	50.14 -2.81 0.00	40.39 -1.77 0.00	36.80 -1.37 0.00	35.53 -1.56 0.00	33.98 -1.27 0.00	33.74 -1.33 0.00	33.32 -1.72 0.00	34.61 -1.56 0.00	40.95 -2.80 0.00	55.06 -4.59 0.00	64.86 -5.26 0.00	59.88 -4.72 0.00	53.18 -4.31 0.00	48.40 -2.76 0.00	47.60 -1.32 0.00	44.34 0.00 0.00
HARZA MOOSE___RIVER 24016	40.63 0.36 0.00	38.63 0.34 0.00	36.77 0.29 0.00	36.59 0.18 0.00	37.18 0.33 0.00	38.08 0.34 0.00	45.41 0.45 0.00	52.65 0.73 0.00	53.64 0.69 0.00	42.28 0.13 0.00	38.29 0.11 0.00	37.27 0.19 0.00	35.32 0.07 0.00	35.15 0.07 0.00	35.07 0.04 0.00	36.27 0.11 0.00	44.41 0.66 0.00	60.78 1.13 0.00	71.80 1.68 0.00	66.34 1.74 0.00	58.76 1.26 0.00	52.34 1.18 0.00	50.00 1.08 0.00	45.31 0.98 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.79 -0.48 0.00	37.94 -0.34 0.00	36.18 -0.29 0.00	36.11 -0.29 0.00	36.59 -0.26 0.00	37.36 -0.38 0.00	44.42 -0.54 0.00	51.30 -0.62 0.00	52.37 -0.58 0.00	41.78 -0.38 0.00	37.87 -0.31 0.00	36.75 -0.33 0.00	34.97 -0.28 0.00	34.79 -0.28 0.00	34.69 -0.35 0.00	35.80 -0.36 0.00	43.19 -0.57 0.00	58.75 -0.89 0.00	69.14 -0.98 0.00	63.63 -0.97 0.00	56.57 -0.92 0.00	50.45 -0.72 0.00	48.34 -0.59 0.00	43.85 -0.49 0.00
HELLGATE_13_KV_LD 55870	43.41 3.14 0.00	40.81 2.53 0.00	38.70 2.22 0.00	38.66 2.26 0.00	39.06 2.21 0.00	40.19 2.45 0.00	47.70 2.74 0.00	55.04 3.12 0.00	55.86 2.91 0.00	45.02 2.87 0.00	41.04 2.86 0.00	39.98 2.89 0.00	38.25 3.00 0.00	38.13 3.05 0.00	37.88 2.84 0.00	38.80 2.64 0.00	46.82 3.06 0.00	62.93 3.28 0.00	73.97 3.86 0.01	67.89 3.29 0.01	60.83 3.33 0.00	54.23 3.07 0.00	51.57 2.64 0.00	46.64 2.31 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.41 3.14 0.00	40.81 2.53 0.00	38.70 2.22 0.00	38.66 2.26 0.00	39.06 2.21 0.00	40.19 2.45 0.00	47.70 2.74 0.00	55.04 3.12 0.00	55.86 2.91 0.00	45.02 2.87 0.00	41.04 2.86 0.00	39.98 2.89 0.00	38.25 3.00 0.00	38.13 3.05 0.00	37.88 2.84 0.00	38.80 2.64 0.00	46.82 3.06 0.00	62.93 3.28 0.00	73.97 3.86 0.01	67.89 3.29 0.01	60.83 3.33 0.00	54.23 3.07 0.00	51.57 2.64 0.00	46.64 2.31 0.00
HEMPSTEAD___ 23647	42.97 2.70 0.00	40.19 1.91 0.00	38.04 1.57 0.00	37.97 1.56 0.00	38.43 1.58 0.00	39.47 1.74 0.00	46.98 2.02 0.00	52.94 1.51 0.50	53.13 0.84 0.67	43.72 1.56 0.00	40.58 2.41 0.00	39.20 2.11 0.00	37.40 2.15 0.00	38.02 2.95 0.00	37.31 2.28 0.00	38.33 2.17 0.00	46.29 2.54 0.00	60.19 1.97 1.43	71.25 2.88 1.75	64.29 2.52 2.83	57.70 2.07 1.86	52.24 1.94 0.87	49.83 1.22 0.32	45.93 1.59 0.00
HICKLING___1 23621	38.01 -2.26 0.00	37.10 -1.19 0.00	35.74 -0.73 0.00	35.71 -0.69 0.00	36.22 -0.63 0.00	37.25 -0.49 0.00	44.24 -0.72 0.00	50.47 -1.45 0.00	51.79 -1.16 0.00	41.44 -0.72 0.00	37.53 -0.65 0.00	36.24 -0.85 0.00	34.55 -0.70 0.00	34.34 -0.74 0.00	33.99 -1.05 0.00	35.22 -0.94 0.00	42.09 -1.66 0.00	57.14 -2.51 0.00	67.87 -2.24 0.00	62.47 -2.13 0.00	55.54 -1.95 0.00	50.04 -1.13 0.00	48.78 -0.15 0.00	44.78 0.44 0.00
HICKLING___2 23622	38.01 -2.26 0.00	37.10 -1.19 0.00	35.74 -0.73 0.00	35.71 -0.69 0.00	36.22 -0.63 0.00	37.25 -0.49 0.00	44.24 -0.72 0.00	50.47 -1.45 0.00	51.79 -1.16 0.00	41.44 -0.72 0.00	37.53 -0.65 0.00	36.24 -0.85 0.00	34.55 -0.70 0.00	34.34 -0.74 0.00	33.99 -1.05 0.00	35.22 -0.94 0.00	42.09 -1.66 0.00	57.14 -2.51 0.00	67.87 -2.24 0.00	62.47 -2.13 0.00	55.54 -1.95 0.00	50.04 -1.13 0.00	48.78 -0.15 0.00	44.78 0.44 0.00
HIGH FALLS___HY 23754	43.01 2.74 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.92 2.06 0.00	40.00 2.26 0.00	47.75 2.79 0.00	55.20 3.27 0.00	56.13 3.18 0.00	44.81 2.66 0.00	40.70 2.52 0.00	39.54 2.45 0.00	37.68 2.43 0.00	37.53 2.46 0.00	37.38 2.35 0.00	38.51 2.35 0.00	46.73 2.98 0.00	63.47 3.82 0.00	74.68 4.56 0.00	68.61 4.01 0.00	61.17 3.68 0.00	54.54 3.38 0.00	51.76 2.84 0.00	46.69 2.35 0.00
HIGH_RIVER___SOLAR 323847	41.96 1.69 0.00	39.77 1.49 0.00	37.82 1.35 0.00	37.79 1.38 0.00	38.25 1.40 0.00	39.32 1.58 0.00	46.85 1.89 0.00	54.26 2.34 0.00	54.80 1.85 0.00	42.87 0.72 0.00	38.52 0.34 0.00	37.24 0.15 0.00	35.29 0.04 0.00	35.15 0.07 0.00	35.25 0.21 0.00	36.56 0.40 0.00	44.80 1.05 0.00	62.10 2.45 0.00	73.48 3.37 0.00	67.44 2.84 0.00	59.85 2.36 0.00	53.21 2.05 0.00	50.74 1.81 0.00	45.80 1.46 0.00
HILLBURN___GT 23639	42.89 2.62 0.00	40.39 2.10 0.00	38.30 1.82 0.00	38.30 1.89 0.00	38.73 1.88 0.00	39.81 2.07 0.00	47.47 2.52 0.00	54.88 2.96 0.00	55.81 2.86 0.00	44.69 2.53 0.00	40.66 2.48 0.00	39.50 2.41 0.00	37.58 2.33 0.00	37.53 2.45 0.00	37.35 2.31 0.00	38.41 2.24 0.00	46.29 2.54 0.00	62.57 2.92 0.00	73.76 3.64 0.00	67.77 3.16 0.00	60.31 2.82 0.00	53.77 2.61 0.00	51.18 2.25 0.00	46.24 1.91 0.00
HILLSIDE_115KV_TB1 80332	37.65 -2.62 0.00	36.71 -1.57 0.00	35.34 -1.13 0.00	35.35 -1.06 0.00	35.82 -1.03 0.00	36.83 -0.91 0.00	43.70 -1.26 0.00	49.85 -2.08 0.00	51.10 -1.85 0.00	40.89 -1.26 0.00	37.07 -1.11 0.00	35.79 -1.30 0.00	34.12 -1.13 0.00	33.92 -1.16 0.00	33.57 -1.47 0.00	34.79 -1.37 0.00	41.52 -2.23 0.00	56.31 -3.34 0.00	66.89 -3.23 0.00	61.50 -3.10 0.00	54.73 -2.76 0.00	49.27 -1.89 0.00	48.04 -0.88 0.00	44.12 -0.22 0.00

HISHELDN_WT_PWR 323625	36.57 -3.70 0.00	36.10 -2.18 0.00	35.05 -1.42 0.00	34.88 -1.53 0.00	35.34 -1.51 0.00	36.57 -1.17 0.00	43.25 -1.71 0.00	48.97 -2.96 0.00	50.41 -2.54 0.00	40.68 -1.48 0.00	36.50 -1.68 0.00	35.27 -1.82 0.00	33.66 -1.59 0.00	33.60 -1.47 0.00	33.14 -1.89 0.00	34.36 -1.81 0.00	40.82 -2.93 0.00	55.65 -4.00 0.00	66.47 -3.65 0.00	61.31 -3.29 0.00	54.10 -3.39 0.00	48.81 -2.35 0.00	47.99 -0.93 0.00	44.25 -0.09 0.00
HOLTSVILLE_IC_1 23690	42.52 2.25 0.01	39.61 1.34 0.01	37.45 0.99 0.01	37.34 0.94 0.01	37.84 1.00 0.01	39.05 1.32 0.01	37.15 1.26 9.06	49.01 0.21 3.12	41.48 -0.74 10.73	33.50 0.67 9.33	36.19 1.79 3.78	35.31 1.49 3.26	36.83 1.59 0.01	37.81 2.74 0.00	35.89 1.72 0.87	37.82 1.66 0.01	45.58 1.84 0.01	54.21 0.72 6.15	63.90 1.68 7.90	53.24 1.42 12.78	50.39 0.92 8.02	48.30 1.08 3.94	47.64 0.10 1.38	45.21 0.89 0.01
HOLTSVILLE_IC_10 23699	42.64 2.38 0.01	39.69 1.42 0.01	37.56 1.09 0.01	37.45 1.06 0.01	37.91 1.07 0.01	39.16 1.43 0.01	37.63 1.40 8.72	49.20 0.31 3.04	42.00 -0.58 10.37	33.90 0.72 8.98	36.41 1.87 3.63	35.51 1.56 3.14	36.90 1.66 0.01	37.88 2.81 0.00	36.03 1.82 0.83	37.93 1.77 0.01	45.72 1.97 0.01	54.52 0.90 6.02	64.34 1.96 7.74	53.70 1.62 12.52	50.73 1.09 7.85	48.53 1.23 3.86	47.82 0.25 1.35	45.35 1.02 0.01
HOLTSVILLE_IC_2 23691	42.52 2.25 0.01	39.61 1.34 0.01	37.45 0.99 0.01	37.34 0.94 0.01	37.84 1.00 0.01	39.05 1.32 0.01	37.15 1.26 9.06	49.01 0.21 3.12	41.48 -0.74 10.73	33.50 0.67 9.33	36.19 1.79 3.78	35.31 1.49 3.26	36.83 1.59 0.01	37.81 2.74 0.00	35.89 1.72 0.87	37.82 1.66 0.01	45.58 1.84 0.01	54.21 0.72 6.15	63.90 1.68 7.90	53.24 1.42 12.78	50.39 0.92 8.02	48.30 1.08 3.94	47.64 0.10 1.38	45.21 0.89 0.01
HOLTSVILLE_IC_3 23692	42.52 2.25 0.01	39.61 1.34 0.01	37.45 0.99 0.01	37.34 0.94 0.01	37.84 1.00 0.01	39.05 1.32 0.01	37.15 1.26 9.06	49.01 0.21 3.12	41.48 -0.74 10.73	33.50 0.67 9.33	36.19 1.79 3.78	35.31 1.49 3.26	36.83 1.59 0.01	37.81 2.74 0.00	35.89 1.72 0.87	37.82 1.66 0.01	45.58 1.84 0.01	54.21 0.72 6.15	63.90 1.68 7.90	53.24 1.42 12.78	50.39 0.92 8.02	48.30 1.08 3.94	47.64 0.10 1.38	45.21 0.89 0.01
HOLTSVILLE_IC_4 23693	42.52 2.25 0.01	39.61 1.34 0.01	37.45 0.99 0.01	37.34 0.94 0.01	37.84 1.00 0.01	39.05 1.32 0.01	37.15 1.26 9.06	49.01 0.21 3.12	41.48 -0.74 10.73	33.50 0.67 9.33	36.19 1.79 3.78	35.31 1.49 3.26	36.83 1.59 0.01	37.81 2.74 0.00	35.89 1.72 0.87	37.82 1.66 0.01	45.58 1.84 0.01	54.21 0.72 6.15	63.90 1.68 7.90	53.24 1.42 12.78	50.39 0.92 8.02	48.30 1.08 3.94	47.64 0.10 1.38	45.21 0.89 0.01
HOLTSVILLE_IC_5 23694	42.52 2.25 0.01	39.61 1.34 0.01	37.45 0.99 0.01	37.34 0.94 0.01	37.84 1.00 0.01	39.05 1.32 0.01	37.15 1.26 9.06	49.01 0.21 3.12	41.48 -0.74 10.73	33.50 0.67 9.33	36.19 1.79 3.78	35.31 1.49 3.26	36.83 1.59 0.01	37.81 2.74 0.00	35.89 1.72 0.87	37.82 1.66 0.01	45.58 1.84 0.01	54.21 0.72 6.15	63.90 1.68 7.90	53.24 1.42 12.78	50.39 0.92 8.02	48.30 1.08 3.94	47.64 0.10 1.38	45.21 0.89 0.01
HOLTSVILLE_IC_6 23695	42.64 2.38 0.01	39.69 1.42 0.01	37.56 1.09 0.01	37.45 1.06 0.01	37.91 1.07 0.01	39.16 1.43 0.01	37.63 1.40 8.72	49.20 0.31 3.04	42.00 -0.58 10.37	33.90 0.72 8.98	36.41 1.87 3.63	35.51 1.56 3.14	36.90 1.66 0.01	37.88 2.81 0.00	36.03 1.82 0.83	37.93 1.77 0.01	45.72 1.97 0.01	54.52 0.90 6.02	64.34 1.96 7.74	53.70 1.62 12.52	50.73 1.09 7.85	48.53 1.23 3.86	47.82 0.25 1.35	45.35 1.02 0.01
HOLTSVILLE_IC_7 23696	42.64 2.38 0.01	39.69 1.42 0.01	37.56 1.09 0.01	37.45 1.06 0.01	37.91 1.07 0.01	39.16 1.43 0.01	37.63 1.40 8.72	49.20 0.31 3.04	42.00 -0.58 10.37	33.90 0.72 8.98	36.41 1.87 3.63	35.51 1.56 3.14	36.90 1.66 0.01	37.88 2.81 0.00	36.03 1.82 0.83	37.93 1.77 0.01	45.72 1.97 0.01	54.52 0.90 6.02	64.34 1.96 7.74	53.70 1.62 12.52	50.73 1.09 7.85	48.53 1.23 3.86	47.82 0.25 1.35	45.35 1.02 0.01
HOLTSVILLE_IC_8 23697	42.64 2.38 0.01	39.69 1.42 0.01	37.56 1.09 0.01	37.45 1.06 0.01	37.91 1.07 0.01	39.16 1.43 0.01	37.63 1.40 8.72	49.20 0.31 3.04	42.00 -0.58 10.37	33.90 0.72 8.98	36.41 1.87 3.63	35.51 1.56 3.14	36.90 1.66 0.01	37.88 2.81 0.00	36.03 1.82 0.83	37.93 1.77 0.01	45.72 1.97 0.01	54.52 0.90 6.02	64.34 1.96 7.74	53.70 1.62 12.52	50.73 1.09 7.85	48.53 1.23 3.86	47.82 0.25 1.35	45.35 1.02 0.01
HOLTSVILLE_IC_9 23698	42.64 2.38 0.01	39.69 1.42 0.01	37.56 1.09 0.01	37.45 1.06 0.01	37.91 1.07 0.01	39.16 1.43 0.01	37.63 1.40 8.72	49.20 0.31 3.04	42.00 -0.58 10.37	33.90 0.72 8.98	36.41 1.87 3.63	35.51 1.56 3.14	36.90 1.66 0.01	37.88 2.81 0.00	36.03 1.82 0.83	37.93 1.77 0.01	45.72 1.97 0.01	54.52 0.90 6.02	64.34 1.96 7.74	53.70 1.62 12.52	50.73 1.09 7.85	48.53 1.23 3.86	47.82 0.25 1.35	45.35 1.02 0.01
HOMER_HL_115KV_TB2 355744	36.57 -3.70 0.00	35.87 -2.41 0.00	34.69 -1.79 0.00	34.66 -1.75 0.00	35.16 -1.70 0.00	36.26 -1.47 0.00	42.89 -2.07 0.00	48.86 -3.06 0.00	50.20 -2.75 0.00	40.39 -1.77 0.00	36.65 -1.53 0.00	35.34 -1.74 0.00	33.77 -1.48 0.00	33.57 -1.51 0.00	33.04 -2.00 0.00	34.28 -1.88 0.00	40.74 -3.02 0.00	55.12 -4.53 0.00	65.56 -4.56 0.00	60.40 -4.20 0.00	53.58 -3.91 0.00	48.56 -2.61 0.00	47.70 -1.22 0.00	43.76 -0.58 0.00
HOWARD_WT_PWR 323690	36.53 -3.74 0.00	35.83 -2.45 0.00	34.72 -1.75 0.00	34.66 -1.75 0.00	35.23 -1.62 0.00	36.53 -1.21 0.00	43.65 -1.31 0.00	49.79 -2.13 0.00	51.15 -1.80 0.00	40.98 -1.18 0.00	36.65 -1.53 0.00	35.23 -1.85 0.00	33.45 -1.80 0.00	33.43 -1.65 0.00	33.11 -1.93 0.00	34.39 -1.77 0.00	41.22 -2.54 0.00	56.85 -2.80 0.00	68.37 -1.75 0.00	63.12 -1.48 0.00	55.88 -1.61 0.00	50.14 -1.02 0.00	49.12 0.20 0.00	45.14 0.80 0.00
HQ_GEN_CEDARS 23644	40.51 0.24 0.00	38.51 0.23 0.00	36.66 0.18 0.00	36.59 0.18 0.00	37.07 0.22 0.00	37.96 0.23 0.00	45.45 0.49 0.00	52.55 0.62 0.00	53.69 0.74 0.00	42.54 0.38 0.00	38.60 0.42 0.00	37.76 0.67 0.00	35.81 0.56 0.00	35.43 0.35 0.00	35.42 0.39 0.00	36.56 0.40 0.00	44.50 0.74 0.00	60.90 1.25 0.00	71.73 1.61 0.00	66.34 1.74 0.00	59.16 1.67 0.00	52.49 1.33 0.00	50.39 1.47 0.00	45.58 1.24 0.00
HQ_GEN_CEDARS_PROXY 323590	40.51 0.24 0.00	38.51 0.23 0.00	36.66 0.18 0.00	36.59 0.18 0.00	37.07 0.22 0.00	37.93 0.19 0.00	45.45 0.50 0.00	52.55 0.63 0.00	53.64 0.69 0.00	42.54 0.38 0.00	38.60 0.42 0.00	37.76 0.67 0.00	35.81 0.56 0.00	35.43 0.35 0.00	35.42 0.39 0.00	36.56 0.40 0.00	44.50 0.74 0.00	60.90 1.25 0.00	71.73 1.61 0.00	66.41 1.81 0.00	59.16 1.67 0.00	52.49 1.33 0.00	50.39 1.47 0.00	45.58 1.24 0.00

HQ_GEN_IMPORT 323601	40.19 -0.08 0.00	38.21 -0.08 0.00	36.36 -0.11 0.00	36.30 -0.11 0.00	36.78 -0.07 0.00	37.66 -0.08 0.00	44.91 -0.04 0.00	51.93 0.00 0.00	53.00 0.05 0.00	42.16 0.00 0.00	38.18 0.00 0.00	37.16 0.07 0.00	35.32 0.07 0.00	35.08 0.00 0.00	35.07 0.04 0.00	36.20 0.04 0.00	43.89 0.13 0.00	59.89 0.24 0.00	70.47 0.35 0.00	65.06 0.46 0.00	57.95 0.46 0.00	51.53 0.36 0.00	49.31 0.39 0.00	44.69 0.35 0.00
HQ_GEN_WHEEL 23651	40.19 -0.08 0.00	38.21 -0.08 0.00	36.36 -0.11 0.00	36.30 -0.11 0.00	36.78 -0.07 0.00	37.66 -0.08 0.00	44.91 -0.04 0.00	51.93 0.00 0.00	53.00 0.05 0.00	42.16 0.00 0.00	38.18 0.00 0.00	37.16 0.07 0.00	35.32 0.07 0.00	35.08 0.00 0.00	35.07 0.04 0.00	36.20 0.04 0.00	43.89 0.13 0.00	59.89 0.24 0.00	70.47 0.35 0.00	65.06 0.46 0.00	57.95 0.46 0.00	51.53 0.36 0.00	49.31 0.39 0.00	44.69 0.35 0.00
HUDSON AVE_GT_3 23810	43.17 2.90 0.00	40.62 2.34 0.00	38.52 2.04 0.00	38.52 2.11 0.00	38.92 2.06 0.00	40.11 2.38 0.00	47.79 2.83 0.00	55.25 3.32 0.00	56.13 3.18 0.00	45.15 2.99 0.00	41.12 2.94 0.00	39.98 2.89 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.84 2.68 0.00	46.86 3.11 0.00	63.17 3.52 0.00	74.33 4.21 0.00	68.22 3.62 0.00	61.00 3.51 0.00	54.34 3.17 0.00	51.57 2.64 0.00	46.51 2.17 0.00
HUDSON AVE_GT_4 23540	43.17 2.90 0.00	40.62 2.34 0.00	38.52 2.04 0.00	38.52 2.11 0.00	38.92 2.06 0.00	40.11 2.38 0.00	47.79 2.83 0.00	55.25 3.32 0.00	56.13 3.18 0.00	45.15 2.99 0.00	41.12 2.94 0.00	39.98 2.89 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.84 2.68 0.00	46.86 3.11 0.00	63.17 3.52 0.00	74.33 4.21 0.00	68.22 3.62 0.00	61.00 3.51 0.00	54.34 3.17 0.00	51.57 2.64 0.00	46.51 2.17 0.00
HUDSON AVE_GT_5 23657	43.17 2.90 0.00	40.62 2.34 0.00	38.52 2.04 0.00	38.52 2.11 0.00	38.92 2.06 0.00	40.11 2.38 0.00	47.79 2.83 0.00	55.25 3.32 0.00	56.13 3.18 0.00	45.15 2.99 0.00	41.12 2.94 0.00	39.98 2.89 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.84 2.68 0.00	46.86 3.11 0.00	63.17 3.52 0.00	74.33 4.21 0.00	68.22 3.62 0.00	61.00 3.51 0.00	54.34 3.17 0.00	51.57 2.64 0.00	46.51 2.17 0.00
HUDSON_AVE_10 24168	43.05 2.78 0.00	40.50 2.22 0.00	38.41 1.93 0.00	38.41 2.00 0.00	38.80 1.95 0.00	40.00 2.26 0.00	47.66 2.70 0.00	55.15 3.22 0.00	56.07 3.12 0.00	45.07 2.91 0.00	41.04 2.86 0.00	39.91 2.82 0.00	38.11 2.86 0.00	38.02 2.95 0.00	37.77 2.73 0.00	38.73 2.57 0.00	46.77 3.02 0.00	63.05 3.40 0.00	74.11 4.00 0.00	68.09 3.49 0.00	60.88 3.39 0.00	54.23 3.07 0.00	51.47 2.54 0.00	46.42 2.08 0.00
HUDSON___115KV_TB 4 355613	42.04 1.77 0.00	39.78 1.49 0.00	37.86 1.39 0.00	37.83 1.42 0.00	38.21 1.36 0.00	39.25 1.51 0.00	46.80 1.84 0.00	54.11 2.18 0.00	54.96 2.01 0.00	43.51 1.35 0.00	39.13 0.95 0.00	37.79 0.70 0.00	35.88 0.63 0.00	35.74 0.67 0.00	35.88 0.84 0.00	37.14 0.98 0.00	45.16 1.40 0.00	61.98 2.33 0.00	72.92 2.80 0.00	66.93 2.33 0.00	59.45 1.95 0.00	52.75 1.59 0.00	50.25 1.32 0.00	45.36 1.02 0.00
HUNTER MOUNT___DRP 323613	42.04 1.77 0.00	39.81 1.53 0.00	37.86 1.39 0.00	37.86 1.46 0.00	38.25 1.40 0.00	39.25 1.51 0.00	46.85 1.89 0.00	54.16 2.23 0.00	54.96 2.01 0.00	43.46 1.31 0.00	39.06 0.88 0.00	37.68 0.59 0.00	35.78 0.53 0.00	35.60 0.53 0.00	35.77 0.74 0.00	37.07 0.90 0.00	45.16 1.40 0.00	62.15 2.51 0.00	73.06 2.94 0.00	67.06 2.45 0.00	59.56 2.07 0.00	52.85 1.69 0.00	50.34 1.42 0.00	45.45 1.11 0.00
HUNTINGTON_RES_REC 323705	42.68 2.42 0.01	39.77 1.49 0.01	37.60 1.13 0.01	37.49 1.09 0.01	37.95 1.10 0.01	39.09 1.36 0.01	29.94 1.48 16.50	48.38 0.31 3.86	35.29 -0.58 17.08	25.97 0.80 16.99	33.25 1.95 6.87	32.79 1.63 5.93	36.97 1.73 0.01	37.92 2.84 0.00	35.36 1.89 1.57	38.00 1.84 0.01	45.76 2.01 0.01	54.51 0.83 5.97	64.20 1.75 7.67	53.68 1.49 12.41	50.68 0.98 7.79	48.46 1.12 3.83	47.78 0.20 1.34	45.35 1.02 0.01
HUNTLEY___63 23557	37.05 -3.22 0.00	36.56 -1.72 0.00	35.34 -1.13 0.00	35.24 -1.16 0.00	35.71 -1.14 0.00	36.72 -1.02 0.00	43.07 -1.89 0.00	48.86 -3.06 0.00	50.25 -2.70 0.00	40.55 -1.60 0.00	36.92 -1.26 0.00	35.67 -1.41 0.01	34.11 -1.13 0.01	33.88 -1.19 0.00	33.42 -1.61 0.01	34.75 -1.41 0.00	41.09 -2.67 0.00	55.24 -4.41 0.00	65.07 -5.05 0.00	60.14 -4.46 0.00	53.35 -4.14 0.00	48.56 -2.61 0.00	47.80 -1.13 0.00	44.25 -0.09 0.00
HUNTLEY___64 23558	37.05 -3.22 0.00	36.56 -1.72 0.00	35.34 -1.13 0.00	35.24 -1.16 0.00	35.71 -1.14 0.00	36.72 -1.02 0.00	43.07 -1.89 0.00	48.86 -3.06 0.00	50.25 -2.70 0.00	40.55 -1.60 0.00	36.92 -1.26 0.00	35.67 -1.41 0.01	34.11 -1.13 0.01	33.88 -1.19 0.00	33.42 -1.61 0.01	34.75 -1.41 0.00	41.09 -2.67 0.00	55.24 -4.41 0.00	65.07 -5.05 0.00	60.14 -4.46 0.00	53.35 -4.14 0.00	48.56 -2.61 0.00	47.80 -1.13 0.00	44.25 -0.09 0.00
HUNTLEY___65 23559	37.05 -3.22 0.00	36.56 -1.72 0.00	35.34 -1.13 0.00	35.24 -1.16 0.00	35.71 -1.14 0.00	36.72 -1.02 0.00	43.07 -1.89 0.00	48.86 -3.06 0.00	50.25 -2.70 0.00	40.55 -1.60 0.00	36.92 -1.26 0.00	35.67 -1.41 0.01	34.11 -1.13 0.01	33.88 -1.19 0.00	33.42 -1.61 0.01	34.75 -1.41 0.00	41.09 -2.67 0.00	55.24 -4.41 0.00	65.07 -5.05 0.00	60.14 -4.46 0.00	53.35 -4.14 0.00	48.56 -2.61 0.00	47.80 -1.13 0.00	44.25 -0.09 0.00
HUNTLEY___66 23560	37.05 -3.22 0.00	36.56 -1.72 0.00	35.34 -1.13 0.00	35.24 -1.16 0.00	35.71 -1.14 0.00	36.72 -1.02 0.00	43.07 -1.89 0.00	48.86 -3.06 0.00	50.25 -2.70 0.00	40.55 -1.60 0.00	36.92 -1.26 0.00	35.67 -1.41 0.01	34.11 -1.13 0.01	33.88 -1.19 0.00	33.42 -1.61 0.01	34.75 -1.41 0.00	41.09 -2.67 0.00	55.24 -4.41 0.00	65.07 -5.05 0.00	60.14 -4.46 0.00	53.35 -4.14 0.00	48.56 -2.61 0.00	47.80 -1.13 0.00	44.25 -0.09 0.00
HUNTLEY___67 23561	36.97 -3.30 0.00	36.45 -1.84 0.00	35.27 -1.20 0.00	35.13 -1.27 0.00	35.64 -1.22 0.00	36.64 -1.09 0.00	43.03 -1.93 0.00	48.81 -3.12 0.00	50.25 -2.70 0.00	40.51 -1.64 0.00	36.88 -1.30 0.00	35.64 -1.45 0.00	34.05 -1.20 0.00	33.81 -1.26 0.00	33.39 -1.65 0.00	34.68 -1.48 0.00	41.04 -2.71 0.00	55.18 -4.47 0.00	65.00 -5.12 0.00	60.08 -4.52 0.00	53.35 -4.14 0.00	48.50 -2.66 0.00	47.70 -1.22 0.00	44.07 -0.27 0.00
HUNTLEY___68 23562	36.97 -3.30 0.00	36.45 -1.84 0.00	35.27 -1.20 0.00	35.13 -1.27 0.00	35.64 -1.22 0.00	36.64 -1.09 0.00	43.03 -1.93 0.00	48.81 -3.12 0.00	50.25 -2.70 0.00	40.51 -1.64 0.00	36.88 -1.30 0.00	35.64 -1.45 0.00	34.05 -1.20 0.00	33.81 -1.26 0.00	33.39 -1.65 0.00	34.68 -1.48 0.00	41.04 -2.71 0.00	55.18 -4.47 0.00	65.00 -5.12 0.00	60.08 -4.52 0.00	53.35 -4.14 0.00	48.50 -2.66 0.00	47.70 -1.22 0.00	44.07 -0.27 0.00

HYLAND___LFGE 323620	39.50 -0.77 0.00	38.63 0.34 0.00	37.31 0.84 0.00	36.95 0.55 0.00	37.52 0.66 0.00	38.72 0.98 0.00	46.22 1.26 0.00	52.75 0.83 0.00	53.90 0.95 0.00	42.75 0.59 0.00	38.10 -0.08 0.00	36.61 -0.48 0.00	34.90 -0.35 0.00	34.76 -0.32 0.00	34.51 -0.52 0.00	35.98 -0.18 0.00	43.40 -0.35 0.00	60.01 0.36 0.00	72.01 1.89 0.00	66.48 1.87 0.00	58.53 1.04 0.00	52.65 1.48 0.00	51.22 2.30 0.00	46.91 2.57 0.00
INDECK___CORINTH 23802	41.40 1.13 0.00	39.16 0.88 0.00	37.24 0.77 0.00	37.28 0.87 0.00	37.66 0.81 0.00	38.72 0.98 0.00	45.99 1.03 0.00	53.22 1.30 0.00	54.01 1.06 0.00	42.87 0.72 0.00	39.78 1.60 0.00	38.28 1.19 0.00	36.27 1.02 0.00	36.06 0.98 0.00	36.19 1.15 0.00	37.46 1.30 0.00	44.41 0.66 0.00	60.90 1.25 0.00	71.80 1.68 0.00	65.76 1.16 0.00	58.53 1.04 0.00	51.98 0.82 0.00	49.61 0.68 0.00	44.83 0.49 0.00
INDECK___ILION 23567	40.47 0.20 0.00	38.47 0.19 0.00	36.66 0.18 0.00	36.55 0.15 0.00	37.04 0.18 0.00	37.96 0.23 0.00	45.23 0.27 0.00	52.34 0.42 0.00	53.37 0.42 0.00	42.41 0.25 0.00	38.41 0.23 0.00	37.31 0.22 0.00	35.43 0.18 0.00	35.29 0.21 0.00	35.25 0.21 0.00	36.38 0.22 0.00	44.06 0.31 0.00	60.25 0.60 0.00	70.96 0.84 0.00	65.44 0.84 0.00	58.24 0.75 0.00	51.88 0.72 0.00	49.61 0.68 0.00	44.96 0.62 0.00
INDECK___OLEAN 23982	36.65 -3.62 0.00	35.99 -2.30 0.00	34.83 -1.64 0.00	34.66 -1.75 0.00	35.19 -1.66 0.00	36.41 -1.32 0.00	43.20 -1.75 0.00	49.02 -2.91 0.00	50.41 -2.54 0.00	40.72 -1.43 0.00	36.61 -1.57 0.00	35.38 -1.71 0.00	33.73 -1.51 0.00	33.71 -1.37 0.00	33.14 -1.89 0.00	34.28 -1.88 0.00	40.69 -3.06 0.00	55.42 -4.23 0.00	66.47 -3.65 0.00	61.24 -3.36 0.00	53.93 -3.56 0.00	48.56 -2.61 0.00	47.80 -1.12 0.00	43.85 -0.49 0.00
INDECK___OSWEGO 23783	39.38 -0.89 0.00	37.55 -0.73 0.00	35.82 -0.66 0.00	35.71 -0.69 0.00	36.19 -0.66 0.00	36.94 -0.79 0.00	43.88 -1.08 0.00	50.73 -1.19 0.00	51.78 -1.17 0.00	41.31 -0.84 0.00	37.37 -0.80 0.00	36.27 -0.82 0.00	34.47 -0.78 0.00	34.37 -0.70 0.00	34.27 -0.77 0.00	35.37 -0.80 0.00	42.66 -1.09 0.00	58.16 -1.49 0.00	68.43 -1.68 0.00	63.05 -1.55 0.00	56.06 -1.44 0.00	49.94 -1.23 0.00	47.80 -1.12 0.00	43.27 -1.06 0.00
INDECK___YERKES 23781	37.21 -3.06 0.00	36.68 -1.61 0.00	35.56 -0.91 0.00	35.28 -1.13 0.00	35.75 -1.10 0.00	36.94 -0.79 0.00	43.48 -1.48 0.00	49.12 -2.80 0.00	50.57 -2.38 0.00	41.02 -1.14 0.00	36.95 -1.22 0.00	35.75 -1.33 0.01	34.15 -1.09 0.01	34.09 -0.98 0.00	33.56 -1.47 0.01	34.75 -1.41 0.00	41.13 -2.62 0.00	55.65 -4.00 0.00	66.19 -3.93 0.00	61.11 -3.49 0.00	53.81 -3.68 0.00	48.66 -2.51 0.00	47.99 -0.93 0.00	44.38 0.04 0.00
INDIAN POINT_GT_1 24139	42.81 2.54 0.00	40.39 2.11 0.00	38.30 1.82 0.00	38.26 1.86 0.00	38.69 1.84 0.00	39.85 2.11 0.00	47.48 2.52 0.00	54.83 2.91 0.00	55.70 2.75 0.00	44.69 2.53 0.00	40.66 2.48 0.00	39.54 2.45 0.00	37.72 2.47 0.00	37.60 2.53 0.00	37.42 2.38 0.00	38.41 2.24 0.00	46.42 2.67 0.00	62.75 3.10 0.00	73.83 3.72 0.00	67.77 3.17 0.00	60.48 2.99 0.00	53.88 2.71 0.00	51.13 2.20 0.00	46.15 1.82 0.00
INDIAN POINT_GT_2 23659	42.81 2.54 0.00	40.39 2.11 0.00	38.30 1.82 0.00	38.26 1.86 0.00	38.69 1.84 0.00	39.85 2.11 0.00	47.48 2.52 0.00	54.83 2.91 0.00	55.70 2.75 0.00	44.69 2.53 0.00	40.66 2.48 0.00	39.54 2.45 0.00	37.72 2.47 0.00	37.60 2.53 0.00	37.42 2.38 0.00	38.41 2.24 0.00	46.42 2.67 0.00	62.75 3.10 0.00	73.83 3.72 0.00	67.77 3.17 0.00	60.48 2.99 0.00	53.88 2.71 0.00	51.13 2.20 0.00	46.15 1.82 0.00
INDIAN POINT_GT_3 24019	42.81 2.54 0.00	40.39 2.11 0.00	38.30 1.82 0.00	38.26 1.86 0.00	38.69 1.84 0.00	39.85 2.11 0.00	47.48 2.52 0.00	54.83 2.91 0.00	55.70 2.75 0.00	44.69 2.53 0.00	40.66 2.48 0.00	39.54 2.45 0.00	37.72 2.47 0.00	37.60 2.53 0.00	37.42 2.38 0.00	38.41 2.24 0.00	46.42 2.67 0.00	62.75 3.10 0.00	73.83 3.72 0.00	67.77 3.17 0.00	60.48 2.99 0.00	53.88 2.71 0.00	51.13 2.20 0.00	46.15 1.82 0.00
INDIAN POINT___2 23530	42.77 2.50 0.00	40.27 1.99 0.00	38.22 1.75 0.00	38.19 1.78 0.00	38.66 1.81 0.00	39.70 1.96 0.00	47.34 2.38 0.00	54.78 2.85 0.00	55.65 2.70 0.00	44.56 2.40 0.00	40.54 2.37 0.00	39.43 2.34 0.00	37.47 2.22 0.00	37.46 2.39 0.00	37.28 2.24 0.00	38.30 2.13 0.00	46.20 2.45 0.00	62.39 2.75 0.00	73.48 3.37 0.00	67.57 2.97 0.00	60.14 2.65 0.00	53.62 2.46 0.00	50.98 2.05 0.00	46.11 1.78 0.00
INDIAN POINT___3 23531	42.81 2.54 0.00	40.35 2.07 0.00	38.30 1.82 0.00	38.26 1.86 0.00	38.69 1.84 0.00	39.85 2.11 0.00	47.43 2.47 0.00	54.83 2.91 0.00	55.70 2.75 0.00	44.69 2.53 0.00	40.70 2.52 0.00	39.54 2.45 0.00	37.72 2.47 0.00	37.64 2.56 0.00	37.42 2.38 0.00	38.41 2.24 0.00	46.42 2.67 0.00	62.69 3.04 0.00	73.83 3.72 0.00	67.77 3.17 0.00	60.48 2.99 0.00	53.88 2.71 0.00	51.13 2.20 0.00	46.15 1.82 0.00
INGHAM_C_115KV_TB7 356103	40.59 0.32 0.00	38.59 0.31 0.00	36.77 0.29 0.00	36.70 0.29 0.00	37.18 0.33 0.00	38.15 0.42 0.00	45.45 0.49 0.00	52.65 0.73 0.00	53.64 0.69 0.00	42.58 0.42 0.00	38.56 0.38 0.00	37.50 0.41 0.00	35.57 0.32 0.00	35.43 0.35 0.00	35.39 0.35 0.00	36.56 0.40 0.00	44.32 0.57 0.00	60.72 1.07 0.00	71.66 1.54 0.00	66.22 1.62 0.00	58.93 1.44 0.00	52.60 1.43 0.00	50.34 1.42 0.00	45.67 1.33 0.00
IP CORINTH___1 23988	41.60 1.33 0.00	39.39 1.11 0.00	37.46 0.98 0.00	37.46 1.06 0.00	37.85 0.99 0.00	38.91 1.17 0.00	46.26 1.30 0.00	53.54 1.61 0.00	54.33 1.38 0.00	43.13 0.97 0.00	38.71 0.53 0.00	37.27 0.19 0.00	35.29 0.04 0.00	35.15 0.07 0.00	35.28 0.25 0.00	36.49 0.33 0.00	44.54 0.79 0.00	61.26 1.61 0.00	72.22 2.10 0.00	66.22 1.62 0.00	58.93 1.44 0.00	52.19 1.02 0.00	49.85 0.93 0.00	45.05 0.71 0.00
IP___TICONDEROGA 23804	43.05 2.78 0.00	40.73 2.45 0.00	38.73 2.26 0.00	38.77 2.37 0.00	39.17 2.32 0.00	40.34 2.60 0.00	47.97 3.01 0.00	55.61 3.69 0.00	56.23 3.28 0.00	44.56 2.40 0.00	39.89 1.72 0.00	38.20 1.11 0.00	36.10 0.85 0.00	35.88 0.81 0.00	36.09 1.05 0.00	37.36 1.19 0.00	45.94 2.19 0.00	63.65 4.00 0.00	75.52 5.40 0.00	69.12 4.52 0.00	61.29 3.79 0.00	54.29 3.12 0.00	51.86 2.94 0.00	46.82 2.48 0.00
ISLIP_RES_REC 323679	42.80 2.54 0.01	39.85 1.57 0.01	37.67 1.20 0.01	37.56 1.16 0.01	38.02 1.18 0.01	39.28 1.55 0.01	38.74 1.53 7.75	49.49 0.47 2.90	43.03 -0.43 9.49	35.02 0.84 7.98	36.93 1.98 3.23	35.93 1.63 2.79	37.01 1.76 0.01	37.98 2.91 0.00	36.22 1.93 0.74	38.00 1.84 0.01	45.85 2.10 0.01	54.79 1.07 5.94	64.67 2.18 7.63	54.07 1.81 12.34	51.01 1.26 7.74	48.74 1.38 3.81	47.94 0.34 1.33	45.48 1.15 0.01

JAMAICA__27_KV_LOAD 355505	43.13 2.86 0.00	40.58 2.30 0.00	38.44 1.97 0.00	38.44 2.04 0.00	38.84 1.99 0.00	40.11 2.38 0.00	47.93 2.97 0.00	55.51 3.58 0.00	56.50 3.55 0.00	45.40 3.25 0.00	41.15 2.98 0.00	40.06 2.97 0.00	38.28 3.03 0.00	38.20 3.12 0.00	37.95 2.91 0.00	38.91 2.75 0.00	47.04 3.28 0.00	63.29 3.64 0.00	74.40 4.28 0.00	68.35 3.75 0.00	61.17 3.68 0.00	54.54 3.38 0.00	51.76 2.84 0.00	46.60 2.26 0.00
JANIS__SOLAR 323808	41.20 0.93 0.00	39.39 1.11 0.00	37.57 1.09 0.00	37.39 0.98 0.00	38.03 1.18 0.00	39.02 1.28 0.00	46.62 1.66 0.00	53.90 1.97 0.00	54.96 2.01 0.00	43.21 1.05 0.00	38.98 0.80 0.00	37.90 0.81 0.00	35.92 0.67 0.00	35.81 0.74 0.00	35.67 0.63 0.00	37.03 0.87 0.00	45.03 1.27 0.00	61.97 2.32 0.00	73.48 3.37 0.00	67.77 3.16 0.00	60.08 2.59 0.00	53.41 2.25 0.00	51.22 2.30 0.00	46.51 2.17 0.00
JARVIS____ 23743	40.43 0.16 0.00	38.44 0.15 0.00	36.62 0.15 0.00	36.51 0.11 0.00	37.00 0.15 0.00	37.89 0.15 0.00	45.14 0.18 0.00	52.13 0.21 0.00	53.16 0.21 0.00	42.28 0.13 0.00	38.29 0.11 0.00	37.16 0.07 0.00	35.32 0.07 0.00	35.18 0.11 0.00	35.14 0.11 0.00	36.27 0.11 0.00	43.89 0.13 0.00	59.83 0.18 0.00	70.33 0.21 0.00	64.79 0.19 0.00	57.61 0.12 0.00	51.32 0.15 0.00	49.02 0.10 0.00	44.38 0.04 0.00
JENNISON____1 23625	41.24 0.97 0.00	39.35 1.07 0.00	37.49 1.02 0.00	37.32 0.91 0.00	37.99 1.14 0.00	39.02 1.28 0.00	46.53 1.57 0.00	53.95 2.03 0.00	55.07 2.12 0.00	43.42 1.26 0.00	39.36 1.18 0.00	38.39 1.30 0.00	36.38 1.13 0.00	36.23 1.16 0.00	36.09 1.05 0.00	37.32 1.16 0.00	45.33 1.58 0.00	62.27 2.62 0.00	73.69 3.58 0.00	67.90 3.29 0.00	60.19 2.70 0.00	53.57 2.40 0.00	51.27 2.35 0.00	46.55 2.22 0.00
JENNISON____2 23626	41.24 0.97 0.00	39.35 1.07 0.00	37.49 1.02 0.00	37.32 0.91 0.00	37.99 1.14 0.00	39.02 1.28 0.00	46.53 1.57 0.00	53.95 2.03 0.00	55.07 2.12 0.00	43.42 1.26 0.00	39.36 1.18 0.00	38.39 1.30 0.00	36.38 1.13 0.00	36.23 1.16 0.00	36.09 1.05 0.00	37.32 1.16 0.00	45.33 1.58 0.00	62.27 2.62 0.00	73.69 3.58 0.00	67.90 3.29 0.00	60.19 2.70 0.00	53.57 2.40 0.00	51.27 2.35 0.00	46.55 2.22 0.00
JERICOHO_RISE_WT_PWR 323719	39.10 -1.17 0.00	37.10 -1.19 0.00	35.30 -1.17 0.00	35.28 -1.13 0.00	35.75 -1.10 0.00	36.64 -1.10 0.00	43.88 -1.08 0.00	50.78 -1.14 0.00	51.89 -1.06 0.00	41.23 -0.93 0.00	37.41 -0.76 0.00	36.57 -0.52 0.00	34.72 -0.53 0.00	34.41 -0.63 0.00	34.41 -0.63 0.00	35.55 -0.61 0.00	43.36 -0.39 0.00	59.47 -0.18 0.00	70.05 -0.07 0.00	64.93 0.32 0.00	57.95 0.46 0.00	51.47 0.31 0.00	49.46 0.54 0.00	44.83 0.49 0.00
KATONAH__115KV_46KV_TB4 355592	43.01 2.74 0.00	40.58 2.30 0.00	38.44 1.97 0.00	38.41 2.00 0.00	38.84 1.99 0.00	39.96 2.23 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.97 3.02 0.00	44.85 2.70 0.00	40.81 2.63 0.00	39.68 2.60 0.00	37.82 2.57 0.00	37.71 2.63 0.00	37.52 2.49 0.00	38.55 2.39 0.00	46.60 2.84 0.00	63.05 3.40 0.00	74.19 4.07 0.00	68.09 3.49 0.00	60.77 3.28 0.00	54.18 3.02 0.00	51.37 2.45 0.00	46.33 2.00 0.00
KCE_NY_1 323755	41.96 1.69 0.00	39.74 1.45 0.00	37.78 1.31 0.00	37.79 1.38 0.00	38.18 1.32 0.00	39.25 1.51 0.00	46.71 1.75 0.00	54.06 2.13 0.00	54.96 2.01 0.00	43.59 1.43 0.00	39.51 1.34 0.00	38.13 1.04 0.00	36.16 0.91 0.00	35.95 0.88 0.00	36.09 1.05 0.00	37.36 1.19 0.00	45.16 1.40 0.00	61.86 2.21 0.00	72.71 2.60 0.00	66.73 2.13 0.00	59.33 1.84 0.00	52.70 1.53 0.00	50.25 1.32 0.00	45.36 1.02 0.00
KCE_NY_6_ESR 323823	37.09 -3.18 0.00	36.56 -1.72 0.00	35.41 -1.06 0.00	35.17 -1.24 0.00	35.67 -1.18 0.00	36.91 -0.83 0.00	43.56 -1.39 0.00	49.28 -2.65 0.00	50.73 -2.22 0.00	41.10 -1.05 0.00	37.03 -1.14 0.00	35.79 -1.30 0.00	34.19 -1.06 0.00	34.13 -0.95 0.00	33.60 -1.44 0.00	34.79 -1.37 0.00	41.22 -2.54 0.00	55.95 -3.70 0.00	66.68 -3.43 0.00	61.50 -3.10 0.00	54.16 -3.34 0.00	48.97 -2.20 0.00	48.24 -0.68 0.00	44.47 0.13 0.00
KEDC PORT_JEFF_GT2 24210	42.60 2.33 0.01	39.69 1.42 0.01	37.53 1.06 0.01	37.41 1.02 0.01	37.91 1.07 0.01	39.13 1.40 0.01	36.61 1.35 9.70	49.03 0.26 3.16	41.08 -0.63 11.24	32.89 0.72 9.98	36.01 1.87 4.04	35.16 1.56 3.49	36.90 1.66 0.01	37.88 2.81 0.00	35.90 1.79 0.93	37.89 1.74 0.01	45.72 1.97 0.01	54.47 0.90 6.07	64.22 1.89 7.80	53.60 1.62 12.62	50.67 1.09 7.92	48.50 1.23 3.89	47.81 0.25 1.36	45.30 0.97 0.01
KEDC PORT_JEFF_GT3 24211	42.60 2.33 0.01	39.69 1.42 0.01	37.53 1.06 0.01	37.41 1.02 0.01	37.91 1.07 0.01	39.13 1.40 0.01	36.61 1.35 9.70	49.03 0.26 3.16	41.08 -0.63 11.24	32.89 0.72 9.98	36.01 1.87 4.04	35.16 1.56 3.49	36.90 1.66 0.01	37.88 2.81 0.00	35.90 1.79 0.93	37.89 1.74 0.01	45.72 1.97 0.01	54.47 0.90 6.07	64.22 1.89 7.80	53.60 1.62 12.62	50.67 1.09 7.92	48.50 1.23 3.89	47.81 0.25 1.36	45.30 0.97 0.01
KEDC_GLWD_GT4 24219	43.17 2.90 0.00	40.54 2.26 0.00	38.40 1.93 0.00	38.37 1.96 0.00	38.84 1.99 0.00	39.89 2.15 0.00	47.52 2.56 0.00	54.29 2.65 0.29	54.84 2.28 0.38	44.52 2.36 0.00	40.93 2.75 0.00	39.68 2.60 0.00	37.79 2.54 0.00	38.05 2.98 0.00	37.63 2.59 0.00	38.66 2.49 0.00	46.64 2.89 0.00	61.75 2.92 0.82	72.89 3.78 1.02	66.31 3.36 1.64	59.35 2.93 1.07	53.37 2.71 0.51	50.84 2.10 0.18	46.38 2.04 0.00
KEDC_GLWD_GT5 24220	43.17 2.90 0.00	40.54 2.26 0.00	38.40 1.93 0.00	38.37 1.96 0.00	38.84 1.99 0.00	39.89 2.15 0.00	47.52 2.56 0.00	54.29 2.65 0.29	54.84 2.28 0.38	44.52 2.36 0.00	40.93 2.75 0.00	39.68 2.60 0.00	37.79 2.54 0.00	38.05 2.98 0.00	37.63 2.59 0.00	38.66 2.49 0.00	46.64 2.89 0.00	61.75 2.92 0.82	72.89 3.78 1.02	66.31 3.36 1.64	59.35 2.93 1.07	53.37 2.71 0.51	50.84 2.10 0.18	46.38 2.04 0.00
KENSICO____ 23655	42.89 2.62 0.00	40.43 2.14 0.00	38.33 1.86 0.00	38.33 1.93 0.00	38.73 1.88 0.00	39.89 2.15 0.00	47.52 2.56 0.00	54.89 2.96 0.00	55.81 2.86 0.00	44.77 2.61 0.00	40.77 2.60 0.00	39.65 2.56 0.00	37.82 2.57 0.00	37.74 2.67 0.00	37.52 2.49 0.00	38.51 2.35 0.00	46.51 2.76 0.00	62.81 3.16 0.00	73.90 3.79 0.00	67.90 3.29 0.00	60.60 3.10 0.00	53.98 2.81 0.00	51.22 2.30 0.00	46.24 1.91 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.93 2.66 0.00	40.54 2.26 0.00	38.44 1.97 0.00	38.44 2.04 0.00	38.88 2.03 0.00	39.96 2.23 0.00	47.70 2.74 0.00	55.15 3.22 0.00	56.07 3.12 0.00	44.73 2.57 0.00	40.62 2.44 0.00	39.39 2.30 0.00	37.54 2.29 0.00	37.43 2.35 0.00	37.28 2.24 0.00	38.41 2.24 0.00	46.60 2.84 0.00	63.35 3.70 0.00	74.61 4.49 0.00	68.48 3.88 0.00	61.06 3.56 0.00	54.44 3.27 0.00	51.66 2.74 0.00	46.60 2.26 0.00

KIAC_JFK_GT1 23816	42.93 2.66 0.00	40.39 2.11 0.00	38.26 1.79 0.00	38.26 1.86 0.00	38.66 1.81 0.00	39.92 2.19 0.00	47.66 2.70 0.00	55.25 3.32 0.00	56.18 3.23 0.00	45.15 2.99 0.00	40.96 2.79 0.00	39.87 2.78 0.00	38.11 2.86 0.00	38.02 2.95 0.00	37.77 2.73 0.00	38.73 2.57 0.00	46.82 3.06 0.00	62.75 3.10 0.00	73.69 3.58 0.00	67.70 3.10 0.00	60.60 3.10 0.00	54.23 3.07 0.00	51.47 2.54 0.00	46.33 2.00 0.00
KIAC_JFK_GT2 23817	42.93 2.66 0.00	40.39 2.11 0.00	38.26 1.79 0.00	38.26 1.86 0.00	38.66 1.81 0.00	39.92 2.19 0.00	47.66 2.70 0.00	55.25 3.32 0.00	56.18 3.23 0.00	45.15 2.99 0.00	40.96 2.79 0.00	39.87 2.78 0.00	38.11 2.86 0.00	38.02 2.95 0.00	37.77 2.73 0.00	38.73 2.57 0.00	46.82 3.06 0.00	62.75 3.10 0.00	73.69 3.58 0.00	67.70 3.10 0.00	60.60 3.10 0.00	54.23 3.07 0.00	51.47 2.54 0.00	46.33 2.00 0.00
KIAC_JFK____ 323774	42.93 2.66 0.00	40.31 2.03 0.00	38.22 1.75 0.00	38.22 1.82 0.00	38.66 1.81 0.00	39.81 2.07 0.00	47.57 2.61 0.00	55.20 3.27 0.00	56.18 3.23 0.00	45.02 2.87 0.00	40.89 2.71 0.00	39.76 2.67 0.00	37.86 2.61 0.00	37.81 2.74 0.00	37.67 2.63 0.00	38.66 2.49 0.00	46.60 2.84 0.00	62.39 2.75 0.00	73.41 3.30 0.00	67.57 2.97 0.00	60.59 3.10 0.00	53.98 2.81 0.00	51.32 2.40 0.00	46.33 2.00 0.00
KINTIGH__24_KV_GSU 356498	37.69 -2.58 0.00	36.98 -1.30 0.00	35.74 -0.73 0.00	35.50 -0.91 0.00	35.93 -0.92 0.00	37.06 -0.68 0.00	43.70 -1.26 0.00	49.54 -2.39 0.00	50.99 -1.96 0.00	41.23 -0.93 0.00	37.18 -0.99 0.00	36.01 -1.08 0.00	34.37 -0.88 0.00	34.27 -0.81 0.00	33.85 -1.19 0.00	35.01 -1.16 0.00	41.57 -2.19 0.00	56.25 -3.40 0.00	66.68 -3.43 0.00	61.50 -3.10 0.00	54.27 -3.22 0.00	48.97 -2.20 0.00	47.95 -0.98 0.00	44.16 -0.18 0.00
KINTIGH____ 23543	37.61 -2.66 0.00	36.90 -1.38 0.00	35.60 -0.88 0.00	35.46 -0.95 0.00	35.93 -0.92 0.00	36.87 -0.87 0.00	43.39 -1.57 0.00	49.38 -2.54 0.00	50.73 -2.22 0.00	40.85 -1.31 0.00	37.18 -0.99 0.00	35.94 -1.15 0.00	34.33 -0.92 0.00	34.09 -0.98 0.00	33.74 -1.30 0.00	35.01 -1.16 0.00	41.57 -2.19 0.00	55.89 -3.76 0.00	65.77 -4.35 0.00	60.72 -3.88 0.00	53.93 -3.56 0.00	48.86 -2.30 0.00	47.85 -1.08 0.00	44.07 -0.27 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.46 -0.81 0.00	37.52 -0.77 0.00	35.67 -0.80 0.00	35.64 -0.76 0.00	36.11 -0.74 0.00	37.02 -0.72 0.00	44.42 -0.54 0.00	51.41 -0.52 0.00	52.58 -0.37 0.00	41.69 -0.46 0.00	37.83 -0.34 0.00	37.05 -0.04 0.00	35.18 -0.07 0.00	34.76 -0.32 0.00	34.79 -0.25 0.00	35.95 -0.22 0.00	43.93 0.18 0.00	60.31 0.66 0.00	71.10 0.98 0.00	65.89 1.29 0.00	58.93 1.44 0.00	52.24 1.07 0.00	50.25 1.32 0.00	45.45 1.11 0.00
LACHUTE____HYDRO 323717	43.05 2.78 0.00	40.73 2.45 0.00	38.74 2.26 0.00	38.81 2.40 0.00	39.17 2.32 0.00	40.34 2.60 0.00	47.93 2.97 0.00	55.61 3.69 0.00	56.23 3.28 0.00	44.52 2.36 0.00	40.81 2.63 0.00	39.09 2.00 0.00	36.98 1.73 0.00	36.69 1.61 0.00	36.89 1.86 0.00	38.22 2.06 0.00	45.99 2.23 0.00	63.65 4.00 0.00	75.52 5.40 0.00	69.05 4.45 0.00	61.28 3.79 0.00	54.39 3.23 0.00	51.91 2.98 0.00	46.82 2.48 0.00
LAWRNCV_115KV_TB1 80681	40.47 0.20 0.00	38.51 0.23 0.00	36.62 0.15 0.00	36.51 0.11 0.00	37.04 0.18 0.00	37.92 0.19 0.00	45.45 0.49 0.00	52.60 0.68 0.00	53.69 0.74 0.00	42.49 0.34 0.00	38.52 0.34 0.00	37.72 0.63 0.00	35.74 0.49 0.00	35.36 0.28 0.00	35.35 0.32 0.00	36.49 0.33 0.00	44.54 0.79 0.00	61.08 1.43 0.00	72.01 1.89 0.00	66.67 2.07 0.00	59.45 1.95 0.00	52.70 1.53 0.00	50.59 1.66 0.00	45.71 1.37 0.00
LEDERLE____ 23769	43.01 2.74 0.00	40.54 2.26 0.00	38.44 1.97 0.00	38.44 2.04 0.00	38.88 2.03 0.00	40.00 2.26 0.00	47.70 2.74 0.00	55.09 3.17 0.00	56.02 3.07 0.00	44.90 2.74 0.00	40.85 2.67 0.00	39.68 2.60 0.00	37.86 2.61 0.00	37.78 2.70 0.00	37.56 2.52 0.00	38.59 2.42 0.00	46.64 2.89 0.00	63.11 3.46 0.00	74.26 4.14 0.00	68.15 3.55 0.00	60.83 3.33 0.00	54.18 3.02 0.00	51.47 2.54 0.00	46.38 2.04 0.00
LIGHTHSE_115KV_TB6 355974	39.83 -0.44 0.00	37.94 -0.34 0.00	36.15 -0.33 0.00	36.00 -0.40 0.00	36.56 -0.29 0.00	37.32 -0.42 0.00	44.37 -0.58 0.00	51.35 -0.57 0.00	52.37 -0.58 0.00	41.61 -0.55 0.00	37.68 -0.50 0.00	36.57 -0.52 0.00	34.72 -0.53 0.00	34.55 -0.53 0.00	34.48 -0.56 0.00	35.66 -0.51 0.00	43.23 -0.53 0.00	58.99 -0.66 0.00	69.49 -0.63 0.00	64.08 -0.52 0.00	56.86 -0.63 0.00	50.86 -0.31 0.00	48.63 -0.29 0.00	44.03 -0.31 0.00
LINDEN COGEN____ 23786	42.93 2.66 0.00	40.35 2.07 0.00	38.26 1.79 0.00	38.26 1.86 0.00	38.69 1.84 0.00	39.77 2.04 0.00	46.49 2.43 0.89	54.94 3.01 0.00	51.70 2.91 4.16	44.77 2.61 0.00	40.81 2.63 0.00	39.72 2.63 0.00	37.75 2.50 0.00	37.74 2.66 0.00	37.53 2.49 0.00	38.55 2.39 0.00	42.36 2.67 4.06	51.98 2.92 10.59	66.02 3.50 7.60	62.92 3.10 4.78	53.08 2.87 7.28	46.72 2.61 7.05	46.55 2.15 4.52	46.16 1.82 0.00
LINDHRST_69_KV_BK1 356055	43.41 3.14 0.00	40.54 2.26 0.00	38.33 1.86 0.00	38.22 1.82 0.01	38.62 1.77 0.01	39.96 2.23 0.00	46.92 2.47 0.51	51.19 0.73 1.47	51.03 0.42 2.34	43.28 1.64 0.52	40.67 2.71 0.21	39.20 2.30 0.19	37.82 2.57 0.00	38.55 3.47 0.00	37.58 2.59 0.05	38.62 2.46 0.00	46.86 3.11 0.01	57.55 1.97 4.06	68.28 3.44 5.27	58.98 2.91 8.53	54.67 2.47 5.30	50.84 2.30 2.63	49.19 1.17 0.91	46.24 1.91 0.01
LIPA_MISC_IPP 23656	42.24 1.97 0.01	39.39 1.11 0.01	37.20 0.73 0.01	37.09 0.69 0.01	37.47 0.63 0.01	39.01 1.28 0.01	36.91 0.99 9.04	47.83 -0.99 3.11	40.87 -1.38 10.70	33.27 0.42 9.31	35.90 1.49 3.77	35.06 1.22 3.25	36.90 1.66 0.01	37.67 2.60 0.00	35.65 1.47 0.86	37.53 1.37 0.01	45.50 1.75 0.01	53.81 0.30 6.14	63.71 1.47 7.88	53.02 1.16 12.75	50.41 0.92 8.00	48.21 0.97 3.93	47.35 -0.20 1.38	44.91 0.58 0.01
LISF____SOLAR 323691	42.24 1.97 0.01	39.31 1.03 0.01	37.16 0.69 0.01	37.05 0.66 0.01	37.54 0.70 0.01	38.86 1.13 0.01	36.83 0.85 8.98	48.57 -0.26 3.10	41.10 -1.22 10.63	33.21 0.30 9.24	35.85 1.41 3.74	35.01 1.15 3.23	36.48 1.23 0.01	37.53 2.45 0.00	35.55 1.37 0.86	37.50 1.34 0.01	45.23 1.49 0.01	53.84 0.30 6.11	63.53 1.26 7.85	52.93 1.03 12.70	50.16 0.63 7.97	48.02 0.77 3.92	47.36 -0.19 1.37	44.86 0.53 0.01
LITTLE FALLS____HYD 24013	40.59 0.32 0.00	38.59 0.31 0.00	36.77 0.29 0.00	36.70 0.29 0.00	37.18 0.33 0.00	38.15 0.42 0.00	45.45 0.49 0.00	52.65 0.73 0.00	53.64 0.69 0.00	42.58 0.42 0.00	38.56 0.38 0.00	37.50 0.41 0.00	35.57 0.32 0.00	35.43 0.35 0.00	35.39 0.35 0.00	36.56 0.40 0.00	44.32 0.57 0.00	60.72 1.07 0.00	71.66 1.54 0.00	66.22 1.62 0.00	58.93 1.44 0.00	52.60 1.43 0.00	50.34 1.42 0.00	45.67 1.33 0.00

LITTLRIV_115KV_TB1 356100	40.87 0.60 0.00	38.86 0.57 0.00	36.95 0.47 0.00	36.84 0.44 0.00	37.37 0.52 0.00	38.30 0.57 0.00	45.95 0.99 0.00	53.22 1.30 0.00	54.27 1.32 0.00	42.75 0.59 0.00	38.75 0.57 0.00	37.90 0.82 0.00	35.88 0.63 0.00	35.50 0.42 0.00	35.49 0.46 0.00	36.67 0.51 0.00	44.89 1.14 0.00	61.68 2.03 0.00	72.92 2.80 0.00	67.57 2.97 0.00	60.19 2.70 0.00	53.36 2.20 0.00	51.17 2.25 0.00	46.29 1.95 0.00
LI_NEWBRDGE___DRP 323616	42.84 2.58 0.01	40.07 1.80 0.01	37.85 1.39 0.01	37.78 1.38 0.01	38.17 1.33 0.01	39.43 1.70 0.01	46.84 1.89 0.01	49.80 0.26 2.38	49.63 -0.11 3.21	43.50 1.35 0.01	40.54 2.37 0.01	39.12 2.04 0.01	37.53 2.29 0.01	38.30 3.23 0.00	37.27 2.24 0.01	38.25 2.10 0.01	46.37 2.63 0.01	54.23 1.43 6.85	64.00 2.66 8.79	52.65 2.26 14.22	50.46 1.90 8.93	48.57 1.79 4.38	48.17 0.78 1.54	45.75 1.42 0.01
LOCKPORT_115KV_TB60_63_64 80432	37.29 -2.98 0.00	36.79 -1.49 0.00	35.56 -0.91 0.00	35.42 -0.98 0.00	35.93 -0.92 0.00	36.94 -0.79 0.00	43.07 -1.89 0.00	48.71 -3.22 0.00	50.09 -2.86 0.00	40.39 -1.77 0.00	36.80 -1.37 0.00	35.53 -1.56 0.00	33.94 -1.30 0.00	33.71 -1.37 0.00	33.28 -1.75 0.00	34.61 -1.56 0.00	40.95 -2.80 0.00	55.06 -4.59 0.00	64.86 -5.26 0.00	59.95 -4.65 0.00	53.18 -4.31 0.00	48.35 -2.81 0.00	47.60 -1.32 0.00	44.38 0.04 0.00
LOCKPORT___CC1 323769	37.33 -2.94 0.00	36.83 -1.45 0.00	35.67 -0.80 0.00	35.42 -0.98 0.00	35.89 -0.96 0.00	37.09 -0.64 0.00	43.43 -1.53 0.00	48.91 -3.01 0.00	50.41 -2.54 0.00	40.85 -1.31 0.00	36.80 -1.37 0.00	35.56 -1.52 0.00	34.01 -1.23 0.00	33.92 -1.16 0.00	33.42 -1.61 0.00	34.61 -1.55 0.00	40.95 -2.80 0.00	55.42 -4.23 0.00	65.91 -4.21 0.00	60.79 -3.81 0.00	53.58 -3.91 0.00	48.45 -2.71 0.00	47.75 -1.17 0.00	44.43 0.09 0.00
LOCKPORT___CC2 323770	37.33 -2.94 0.00	36.83 -1.45 0.00	35.67 -0.80 0.00	35.42 -0.98 0.00	35.89 -0.96 0.00	37.09 -0.64 0.00	43.43 -1.53 0.00	48.91 -3.01 0.00	50.41 -2.54 0.00	40.85 -1.31 0.00	36.80 -1.37 0.00	35.56 -1.52 0.00	34.01 -1.23 0.00	33.92 -1.16 0.00	33.42 -1.61 0.00	34.61 -1.55 0.00	40.95 -2.80 0.00	55.42 -4.23 0.00	65.91 -4.21 0.00	60.79 -3.81 0.00	53.58 -3.91 0.00	48.45 -2.71 0.00	47.75 -1.17 0.00	44.43 0.09 0.00
LOCKPORT___CC3 323771	37.33 -2.94 0.00	36.83 -1.45 0.00	35.67 -0.80 0.00	35.42 -0.98 0.00	35.89 -0.96 0.00	37.09 -0.64 0.00	43.43 -1.53 0.00	48.91 -3.01 0.00	50.41 -2.54 0.00	40.85 -1.31 0.00	36.80 -1.37 0.00	35.56 -1.52 0.00	34.01 -1.23 0.00	33.92 -1.16 0.00	33.42 -1.61 0.00	34.61 -1.55 0.00	40.95 -2.80 0.00	55.42 -4.23 0.00	65.91 -4.21 0.00	60.79 -3.81 0.00	53.58 -3.91 0.00	48.45 -2.71 0.00	47.75 -1.17 0.00	44.43 0.09 0.00
LOCUSVLY_69_KV_BK2 55797	43.17 2.90 0.00	40.46 2.18 0.00	38.33 1.86 0.00	38.26 1.86 0.00	38.65 1.81 0.00	39.88 2.15 0.00	47.43 2.47 0.00	52.80 1.61 0.73	53.34 1.38 0.99	44.22 2.07 0.00	40.92 2.75 0.00	39.57 2.48 0.00	37.93 2.68 0.00	38.34 3.26 0.00	37.63 2.59 0.00	38.62 2.46 0.00	46.77 3.02 0.00	60.11 2.56 2.10	71.09 3.65 2.67	63.44 3.17 4.33	57.57 2.82 2.74	52.44 2.61 1.33	50.16 1.71 0.47	46.24 1.91 0.00
LONG_LAKE_PHOENIX 24014	39.59 -0.68 0.00	37.75 -0.54 0.00	36.00 -0.47 0.00	35.93 -0.47 0.00	36.37 -0.48 0.00	37.13 -0.60 0.00	44.15 -0.81 0.00	50.99 -0.93 0.00	52.10 -0.85 0.00	41.52 -0.63 0.00	37.64 -0.53 0.00	36.50 -0.59 0.00	34.72 -0.53 0.00	34.58 -0.49 0.00	34.48 -0.56 0.00	35.59 -0.58 0.00	42.92 -0.83 0.00	58.46 -1.19 0.00	68.72 -1.40 0.00	63.31 -1.29 0.00	56.28 -1.21 0.00	50.19 -0.97 0.00	48.09 -0.83 0.00	43.54 -0.80 0.00
LOVETT___3 23632	42.85 2.58 0.00	40.35 2.07 0.00	38.30 1.82 0.00	38.26 1.86 0.00	38.69 1.84 0.00	39.85 2.11 0.00	47.48 2.52 0.00	54.83 2.91 0.00	55.76 2.81 0.00	44.73 2.57 0.00	40.70 2.52 0.00	39.54 2.45 0.00	37.72 2.47 0.00	37.64 2.56 0.00	37.42 2.38 0.00	38.41 2.24 0.00	46.42 2.67 0.00	62.69 3.04 0.00	73.83 3.72 0.00	67.77 3.17 0.00	60.48 2.99 0.00	53.88 2.71 0.00	51.17 2.25 0.00	46.15 1.82 0.00
LOVETT___4 23642	42.85 2.58 0.00	40.35 2.07 0.00	38.30 1.82 0.00	38.26 1.86 0.00	38.69 1.84 0.00	39.85 2.11 0.00	47.48 2.52 0.00	54.83 2.91 0.00	55.76 2.81 0.00	44.73 2.57 0.00	40.70 2.52 0.00	39.54 2.45 0.00	37.72 2.47 0.00	37.64 2.56 0.00	37.42 2.38 0.00	38.41 2.24 0.00	46.42 2.67 0.00	62.69 3.04 0.00	73.83 3.72 0.00	67.77 3.17 0.00	60.48 2.99 0.00	53.88 2.71 0.00	51.17 2.25 0.00	46.15 1.82 0.00
LOVETT___5 23593	42.85 2.58 0.00	40.35 2.07 0.00	38.30 1.82 0.00	38.26 1.86 0.00	38.69 1.84 0.00	39.85 2.11 0.00	47.48 2.52 0.00	54.83 2.91 0.00	55.76 2.81 0.00	44.73 2.57 0.00	40.70 2.52 0.00	39.54 2.45 0.00	37.72 2.47 0.00	37.64 2.56 0.00	37.42 2.38 0.00	38.41 2.24 0.00	46.42 2.67 0.00	62.69 3.04 0.00	73.83 3.72 0.00	67.77 3.17 0.00	60.48 2.99 0.00	53.88 2.71 0.00	51.17 2.25 0.00	46.15 1.82 0.00
LOWER RAQUET___HYD 24057	40.47 0.20 0.00	38.48 0.19 0.00	36.62 0.15 0.00	36.51 0.11 0.00	37.04 0.19 0.00	37.93 0.19 0.00	45.45 0.50 0.00	52.65 0.73 0.00	53.75 0.80 0.00	42.45 0.30 0.00	38.52 0.34 0.00	37.72 0.63 0.00	35.74 0.49 0.00	35.32 0.25 0.00	35.32 0.28 0.00	36.49 0.32 0.00	44.58 0.83 0.00	61.14 1.49 0.00	72.15 2.03 0.00	66.86 2.26 0.00	59.50 2.01 0.00	52.75 1.59 0.00	50.64 1.71 0.00	45.80 1.46 0.00
LOWER___HUDSON 24059	41.64 1.37 0.00	39.39 1.11 0.00	37.49 1.02 0.00	37.50 1.09 0.00	37.88 1.03 0.00	38.91 1.17 0.00	46.35 1.40 0.00	53.64 1.71 0.00	54.59 1.64 0.00	43.25 1.09 0.00	39.06 0.88 0.00	37.76 0.67 0.00	35.89 0.64 0.00	35.67 0.60 0.00	35.81 0.77 0.00	37.03 0.87 0.00	44.89 1.14 0.00	61.38 1.73 0.00	71.80 1.68 0.00	65.96 1.36 0.00	58.58 1.09 0.00	52.03 0.87 0.00	49.46 0.54 0.00	44.60 0.27 0.00
LOWVILLE_115KV_TB2 356335	40.35 0.08 0.00	38.36 0.08 0.00	36.51 0.04 0.00	36.30 -0.11 0.00	36.93 0.07 0.00	37.77 0.04 0.00	45.09 0.13 0.00	52.29 0.36 0.00	53.27 0.32 0.00	41.86 -0.30 0.00	37.95 -0.23 0.00	36.94 -0.15 0.00	34.97 -0.28 0.00	34.76 -0.32 0.00	34.72 -0.32 0.00	35.95 -0.22 0.00	44.24 0.48 0.00	60.72 1.07 0.00	71.87 1.75 0.00	66.41 1.81 0.00	58.81 1.32 0.00	52.39 1.23 0.00	50.10 1.17 0.00	45.31 0.98 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.92 1.65 0.00	39.70 1.42 0.00	37.79 1.31 0.00	37.75 1.35 0.00	38.18 1.33 0.00	39.21 1.47 0.00	46.71 1.75 0.00	54.05 2.13 0.00	54.96 2.01 0.00	43.59 1.43 0.00	39.17 0.99 0.00	37.79 0.70 0.00	35.81 0.56 0.00	35.67 0.60 0.00	35.81 0.77 0.00	37.03 0.87 0.00	45.02 1.27 0.00	61.86 2.21 0.00	72.71 2.59 0.00	66.73 2.13 0.00	59.33 1.84 0.00	52.60 1.43 0.00	50.15 1.22 0.00	45.31 0.98 0.00

LUTHERNY_35_KV_BK2 355980	41.96 1.69 0.00	39.70 1.42 0.00	37.79 1.31 0.00	37.79 1.38 0.00	38.18 1.33 0.00	39.25 1.51 0.00	46.71 1.75 0.00	54.11 2.18 0.00	54.96 2.01 0.00	43.59 1.43 0.00	39.21 1.03 0.00	37.83 0.74 0.00	35.85 0.60 0.00	35.67 0.60 0.00	35.81 0.77 0.00	37.03 0.87 0.00	45.07 1.31 0.00	61.86 2.21 0.00	72.78 2.66 0.00	66.80 2.20 0.00	59.33 1.84 0.00	52.60 1.43 0.00	50.20 1.27 0.00	45.36 1.02 0.00
LWR___OSWEGATCHIE_HYD 23850	40.35 0.08 0.00	38.36 0.08 0.00	36.51 0.04 0.00	36.33 -0.07 0.00	36.89 0.04 0.00	37.77 0.04 0.00	45.14 0.18 0.00	52.39 0.47 0.00	53.37 0.42 0.00	42.07 -0.08 0.00	38.14 -0.04 0.00	37.24 0.15 0.00	35.29 0.04 0.00	34.97 -0.11 0.00	34.93 -0.11 0.00	36.13 -0.04 0.00	44.28 0.53 0.00	60.72 1.07 0.00	71.80 1.68 0.00	66.41 1.81 0.00	58.99 1.49 0.00	52.49 1.33 0.00	50.25 1.32 0.00	45.45 1.11 0.00
LYONS_FALL_HYD 23570	40.63 0.36 0.00	38.63 0.34 0.00	36.76 0.29 0.00	36.59 0.18 0.00	37.18 0.33 0.00	38.07 0.34 0.00	45.41 0.45 0.00	52.65 0.73 0.00	53.64 0.69 0.00	42.28 0.13 0.00	38.29 0.11 0.00	37.27 0.19 0.00	35.32 0.07 0.00	35.15 0.07 0.00	35.07 0.04 0.00	36.27 0.11 0.00	44.41 0.66 0.00	60.78 1.13 0.00	71.87 1.75 0.00	66.35 1.74 0.00	58.75 1.26 0.00	52.34 1.18 0.00	50.00 1.07 0.00	45.31 0.97 0.00
MADISON___COUNTY_LFGE 323628	41.16 0.89 0.00	39.20 0.92 0.00	37.35 0.88 0.00	37.17 0.76 0.00	37.77 0.92 0.00	38.68 0.94 0.00	46.13 1.17 0.00	53.38 1.45 0.00	54.43 1.48 0.00	43.00 0.84 0.00	38.94 0.76 0.00	37.87 0.78 0.00	35.88 0.63 0.00	35.78 0.70 0.00	35.67 0.63 0.00	36.89 0.72 0.00	44.76 1.01 0.00	60.90 1.25 0.00	71.87 1.75 0.00	66.28 1.68 0.00	58.76 1.26 0.00	52.34 1.18 0.00	50.05 1.13 0.00	45.36 1.02 0.00
MALONE___115KV_TB1 356076	39.75 -0.52 0.00	37.79 -0.50 0.00	35.93 -0.55 0.00	35.90 -0.51 0.00	36.37 -0.48 0.00	37.25 -0.49 0.00	44.78 -0.18 0.00	51.87 -0.05 0.00	53.06 0.11 0.00	42.03 -0.13 0.00	38.14 -0.04 0.00	37.42 0.33 0.00	35.46 0.21 0.00	35.01 -0.07 0.00	35.04 0.00 0.00	36.16 0.00 0.00	44.19 0.44 0.00	60.66 1.01 0.00	71.52 1.40 0.00	66.28 1.68 0.00	59.27 1.78 0.00	52.44 1.28 0.00	50.44 1.52 0.00	45.58 1.24 0.00
MAPLEWOD_115KV_TB3 80458	41.72 1.45 0.00	39.47 1.19 0.00	37.60 1.13 0.00	37.57 1.16 0.00	37.96 1.11 0.00	38.98 1.25 0.00	46.44 1.48 0.00	53.74 1.82 0.00	54.64 1.69 0.00	43.42 1.26 0.00	39.09 0.92 0.00	37.83 0.74 0.00	35.88 0.63 0.00	35.74 0.67 0.00	35.88 0.84 0.00	37.07 0.90 0.00	44.89 1.14 0.00	61.38 1.73 0.00	72.01 1.89 0.00	66.15 1.55 0.00	58.81 1.32 0.00	52.14 0.97 0.00	49.61 0.68 0.00	44.82 0.49 0.00
MAPLE_RIDGE_WT_1 323574	39.06 -1.21 0.00	37.10 -1.19 0.00	35.30 -1.17 0.00	35.28 -1.13 0.00	35.75 -1.10 0.00	36.64 -1.10 0.00	43.79 -1.17 0.00	50.73 -1.19 0.00	51.78 -1.17 0.00	41.23 -0.93 0.00	37.37 -0.80 0.00	36.35 -0.74 0.00	34.55 -0.70 0.00	34.34 -0.74 0.00	34.37 -0.67 0.00	35.51 -0.65 0.00	43.19 -0.57 0.00	59.11 -0.54 0.00	69.63 -0.49 0.00	64.28 -0.32 0.00	57.32 -0.17 0.00	51.01 -0.15 0.00	48.83 -0.10 0.00	44.29 -0.04 0.00
MAPLE_RIDGE_WT_2 323611	39.06 -1.21 0.00	37.10 -1.19 0.00	35.30 -1.17 0.00	35.28 -1.13 0.00	35.75 -1.10 0.00	36.64 -1.10 0.00	43.79 -1.17 0.00	50.73 -1.19 0.00	51.78 -1.17 0.00	41.23 -0.93 0.00	37.37 -0.80 0.00	36.35 -0.74 0.00	34.55 -0.70 0.00	34.34 -0.74 0.00	34.37 -0.67 0.00	35.51 -0.65 0.00	43.19 -0.57 0.00	59.11 -0.54 0.00	69.63 -0.49 0.00	64.28 -0.32 0.00	57.32 -0.17 0.00	51.01 -0.15 0.00	48.83 -0.10 0.00	44.29 -0.04 0.00
MARBLE_RIVER_WT_PWR 323696	39.06 -1.21 0.00	37.10 -1.19 0.00	35.30 -1.17 0.00	35.28 -1.13 0.00	35.75 -1.10 0.00	36.64 -1.10 0.00	43.88 -1.08 0.00	50.78 -1.14 0.00	51.89 -1.06 0.00	41.23 -0.93 0.00	37.41 -0.76 0.00	36.53 -0.56 0.00	34.72 -0.53 0.00	34.41 -0.67 0.00	34.41 -0.63 0.00	35.55 -0.61 0.00	43.36 -0.39 0.00	59.47 -0.18 0.00	70.05 -0.07 0.00	64.86 0.26 0.00	57.95 0.46 0.00	51.47 0.31 0.00	49.46 0.54 0.00	44.83 0.49 0.00
MARSHVLE_115KV_TB1 80742	41.96 1.69 0.00	39.78 1.49 0.00	37.79 1.31 0.00	37.79 1.38 0.00	38.25 1.40 0.00	39.36 1.62 0.00	46.94 1.98 0.00	54.42 2.49 0.00	55.07 2.12 0.00	43.08 0.93 0.00	38.52 0.34 0.00	37.27 0.19 0.00	35.36 0.11 0.00	35.22 0.14 0.00	35.32 0.28 0.00	36.63 0.47 0.00	45.07 1.31 0.00	62.45 2.80 0.00	73.97 3.86 0.00	67.83 3.23 0.00	60.19 2.70 0.00	53.47 2.30 0.00	50.98 2.05 0.00	45.98 1.64 0.00
MARSH_HILL_WT_PWR 323713	36.61 -3.66 0.00	35.91 -2.37 0.00	34.80 -1.68 0.00	34.73 -1.67 0.00	35.31 -1.55 0.00	36.57 -1.17 0.00	43.70 -1.26 0.00	49.85 -2.08 0.00	51.20 -1.75 0.00	40.98 -1.18 0.00	36.65 -1.53 0.00	35.27 -1.82 0.00	33.49 -1.76 0.00	33.46 -1.61 0.00	33.18 -1.86 0.00	34.43 -1.74 0.00	41.26 -2.49 0.00	56.91 -2.74 0.00	68.37 -1.75 0.00	63.12 -1.48 0.00	55.82 -1.67 0.00	50.14 -1.02 0.00	49.12 0.20 0.00	45.09 0.75 0.00
MCINTYRE_115KV_TB2 80467	41.04 0.77 0.00	39.05 0.77 0.00	37.13 0.66 0.00	36.99 0.58 0.00	37.55 0.70 0.00	38.49 0.75 0.00	46.13 1.17 0.00	53.48 1.56 0.00	54.43 1.48 0.00	42.83 0.67 0.00	38.79 0.61 0.00	37.94 0.85 0.00	35.92 0.67 0.00	35.53 0.46 0.00	35.49 0.46 0.00	36.71 0.54 0.00	44.98 1.23 0.00	61.92 2.27 0.00	73.27 3.16 0.00	67.90 3.29 0.00	60.42 2.93 0.00	53.57 2.40 0.00	51.37 2.45 0.00	46.46 2.13 0.00
MECO_____69_KV_BK1 80468	42.53 2.26 0.00	40.31 2.03 0.00	38.30 1.82 0.00	38.30 1.89 0.00	38.77 1.92 0.00	39.89 2.15 0.00	47.57 2.61 0.00	55.15 3.22 0.00	55.65 2.70 0.00	43.51 1.35 0.00	38.83 0.65 0.00	37.42 0.33 0.00	35.43 0.18 0.00	35.32 0.25 0.00	35.46 0.42 0.00	36.89 0.72 0.00	45.51 1.75 0.00	63.23 3.58 0.00	74.96 4.84 0.00	68.74 4.13 0.00	60.94 3.45 0.00	54.08 2.92 0.00	51.62 2.69 0.00	46.55 2.22 0.00
MENANDS___115KV_TB5 355628	41.64 1.37 0.00	39.39 1.11 0.00	37.53 1.06 0.00	37.46 1.06 0.00	37.85 0.99 0.00	38.91 1.17 0.00	46.35 1.39 0.00	53.59 1.66 0.00	54.54 1.59 0.00	43.34 1.18 0.00	39.02 0.84 0.00	37.76 0.67 0.00	35.85 0.60 0.00	35.71 0.63 0.00	35.84 0.81 0.00	37.03 0.87 0.00	44.81 1.05 0.00	61.20 1.55 0.00	71.73 1.61 0.00	65.96 1.36 0.00	58.58 1.09 0.00	51.93 0.77 0.00	49.46 0.54 0.00	44.69 0.35 0.00
MG INDUSTRY___DRP 24185	41.64 1.37 0.00	39.43 1.15 0.00	37.57 1.09 0.00	37.53 1.13 0.00	37.92 1.07 0.00	38.94 1.21 0.00	46.35 1.39 0.00	53.59 1.66 0.00	54.49 1.54 0.00	43.29 1.14 0.00	39.02 0.84 0.00	37.76 0.67 0.00	35.85 0.60 0.00	35.71 0.63 0.00	35.81 0.77 0.00	37.00 0.83 0.00	44.81 1.05 0.00	61.26 1.61 0.00	71.94 1.82 0.00	66.15 1.55 0.00	58.81 1.32 0.00	52.24 1.07 0.00	49.80 0.88 0.00	45.00 0.67 0.00

MID___OSWEGATCHIE_HYD 23849	40.35 0.08 0.00	38.36 0.08 0.00	36.51 0.04 0.00	36.33 -0.07 0.00	36.89 0.04 0.00	37.77 0.04 0.00	45.14 0.18 0.00	52.39 0.47 0.00	53.37 0.42 0.00	42.07 -0.08 0.00	38.14 -0.04 0.00	37.24 0.15 0.00	35.29 0.04 0.00	34.97 -0.11 0.00	34.93 -0.11 0.00	36.13 -0.04 0.00	44.28 0.53 0.00	60.72 1.07 0.00	71.80 1.68 0.00	66.41 1.81 0.00	58.99 1.49 0.00	52.49 1.33 0.00	50.25 1.32 0.00	45.45 1.11 0.00
MID___RAQUETTE_HYD 23851	40.47 0.20 0.00	38.51 0.23 0.00	36.62 0.15 0.00	36.51 0.11 0.00	37.04 0.18 0.00	37.92 0.19 0.00	45.45 0.49 0.00	52.65 0.73 0.00	53.74 0.79 0.00	42.45 0.30 0.00	38.52 0.34 0.00	37.72 0.63 0.00	35.74 0.49 0.00	35.32 0.25 0.00	35.32 0.28 0.00	36.49 0.33 0.00	44.59 0.83 0.00	61.14 1.49 0.00	72.15 2.03 0.00	66.73 2.13 0.00	59.50 2.01 0.00	52.75 1.59 0.00	50.64 1.71 0.00	45.80 1.46 0.00
MILLIKEN___1 23584	40.71 0.44 0.00	38.90 0.61 0.00	37.09 0.62 0.00	37.02 0.62 0.00	37.51 0.66 0.00	38.42 0.68 0.00	45.77 0.81 0.00	52.86 0.93 0.00	53.96 1.01 0.00	42.87 0.72 0.00	38.83 0.65 0.00	37.64 0.56 0.00	35.78 0.53 0.00	35.60 0.53 0.00	35.49 0.46 0.00	36.74 0.58 0.00	44.37 0.61 0.00	60.48 0.84 0.00	71.38 1.26 0.00	65.76 1.16 0.00	58.47 0.98 0.00	52.09 0.92 0.00	49.90 0.98 0.00	45.31 0.98 0.00
MILLIKEN___2 23585	40.71 0.44 0.00	38.90 0.61 0.00	37.09 0.62 0.00	37.02 0.62 0.00	37.51 0.66 0.00	38.42 0.68 0.00	45.77 0.81 0.00	52.86 0.93 0.00	53.96 1.01 0.00	42.87 0.72 0.00	38.83 0.65 0.00	37.64 0.56 0.00	35.78 0.53 0.00	35.60 0.53 0.00	35.49 0.46 0.00	36.74 0.58 0.00	44.37 0.61 0.00	60.48 0.84 0.00	71.38 1.26 0.00	65.76 1.16 0.00	58.47 0.98 0.00	52.09 0.92 0.00	49.90 0.98 0.00	45.31 0.98 0.00
MILLIKEN___DIESEL 23629	40.71 0.44 0.00	38.90 0.61 0.00	37.09 0.62 0.00	37.02 0.62 0.00	37.51 0.66 0.00	38.42 0.68 0.00	45.77 0.81 0.00	52.86 0.93 0.00	53.96 1.01 0.00	42.87 0.72 0.00	38.83 0.65 0.00	37.64 0.56 0.00	35.78 0.53 0.00	35.60 0.53 0.00	35.49 0.46 0.00	36.74 0.58 0.00	44.37 0.61 0.00	60.48 0.84 0.00	71.38 1.26 0.00	65.76 1.16 0.00	58.47 0.98 0.00	52.09 0.92 0.00	49.90 0.98 0.00	45.31 0.98 0.00
MILLSEAT___LFGE 323607	38.09 -2.18 0.00	37.48 -0.81 0.00	36.26 -0.22 0.00	35.93 -0.47 0.00	36.41 -0.44 0.00	37.62 -0.11 0.00	44.19 -0.76 0.00	49.90 -2.03 0.00	51.41 -1.54 0.00	41.57 -0.59 0.00	37.45 -0.73 0.00	36.20 -0.89 0.00	34.54 -0.70 0.00	34.41 -0.67 0.00	33.95 -1.09 0.00	35.19 -0.97 0.00	41.83 -1.92 0.00	56.73 -2.92 0.00	67.45 -2.66 0.00	62.28 -2.32 0.00	54.79 -2.70 0.00	49.53 -1.64 0.00	48.63 -0.29 0.00	45.14 0.80 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.85 2.58 0.00	40.39 2.11 0.00	38.30 1.82 0.00	38.30 1.89 0.00	38.69 1.84 0.00	39.85 2.11 0.00	47.48 2.52 0.00	54.83 2.91 0.00	55.76 2.81 0.00	44.73 2.57 0.00	40.73 2.56 0.00	39.57 2.48 0.00	37.75 2.50 0.00	37.67 2.60 0.00	37.45 2.42 0.00	38.44 2.28 0.00	46.47 2.71 0.00	62.75 3.10 0.00	73.83 3.72 0.00	67.83 3.23 0.00	60.54 3.05 0.00	53.93 2.76 0.00	51.17 2.25 0.00	46.20 1.86 0.00
MILLWOOD_13_KV_LOAD 356217	42.93 2.66 0.00	40.50 2.22 0.00	38.41 1.93 0.00	38.37 1.97 0.00	38.80 1.95 0.00	39.92 2.19 0.00	47.57 2.61 0.00	54.94 3.01 0.00	55.86 2.91 0.00	44.81 2.66 0.00	40.77 2.60 0.00	39.65 2.56 0.00	37.79 2.54 0.00	37.71 2.63 0.00	37.49 2.45 0.00	38.51 2.35 0.00	46.56 2.80 0.00	62.93 3.28 0.00	74.04 3.93 0.00	67.96 3.36 0.00	60.65 3.16 0.00	54.03 2.87 0.00	51.27 2.35 0.00	46.29 1.95 0.00
MODEL_CITY_ENERGY 24167	37.25 -3.02 0.00	36.75 -1.53 0.00	35.60 -0.88 0.00	35.35 -1.06 0.00	35.82 -1.03 0.00	37.02 -0.72 0.00	43.16 -1.80 0.00	48.50 -3.43 0.00	49.93 -3.02 0.00	40.47 -1.69 0.00	36.50 -1.68 0.00	35.27 -1.82 0.00	33.73 -1.51 0.00	33.64 -1.44 0.00	33.14 -1.89 0.00	34.32 -1.84 0.00	40.60 -3.15 0.00	54.87 -4.77 0.00	65.21 -4.91 0.00	60.21 -4.40 0.00	53.01 -4.48 0.00	47.99 -3.17 0.00	47.26 -1.66 0.00	44.20 -0.13 0.00
MODERN_LFGE___ 323580	37.25 -3.02 0.00	36.75 -1.53 0.00	35.60 -0.88 0.00	35.35 -1.06 0.00	35.82 -1.03 0.00	37.02 -0.72 0.00	43.16 -1.80 0.00	48.50 -3.43 0.00	49.93 -3.02 0.00	40.47 -1.69 0.00	36.50 -1.68 0.00	35.27 -1.82 0.00	33.73 -1.51 0.00	33.64 -1.44 0.00	33.14 -1.89 0.00	34.32 -1.84 0.00	40.60 -3.15 0.00	54.87 -4.77 0.00	65.21 -4.91 0.00	60.21 -4.40 0.00	53.01 -4.48 0.00	47.99 -3.17 0.00	47.26 -1.66 0.00	44.20 -0.13 0.00
MOHAWK_PAPER___DRP 24187	41.72 1.45 0.00	39.47 1.19 0.00	37.60 1.13 0.00	37.57 1.16 0.00	37.96 1.11 0.00	38.98 1.25 0.00	46.44 1.48 0.00	53.74 1.82 0.00	54.64 1.69 0.00	43.42 1.26 0.00	39.09 0.92 0.00	37.83 0.74 0.00	35.88 0.63 0.00	35.74 0.67 0.00	35.88 0.84 0.00	37.07 0.90 0.00	44.89 1.14 0.00	61.38 1.73 0.00	72.01 1.89 0.00	66.15 1.55 0.00	58.81 1.32 0.00	52.14 0.97 0.00	49.61 0.68 0.00	44.82 0.49 0.00
MOHICAN___35_KV_115KV_LD 80490	41.88 1.61 0.00	39.66 1.38 0.00	37.71 1.24 0.00	37.72 1.31 0.00	38.10 1.25 0.00	39.21 1.47 0.00	46.62 1.66 0.00	53.95 2.03 0.00	54.80 1.85 0.00	43.46 1.31 0.00	39.02 0.84 0.00	37.53 0.45 0.00	35.53 0.28 0.00	35.36 0.28 0.00	35.53 0.49 0.00	36.74 0.58 0.00	44.85 1.09 0.00	61.74 2.09 0.00	72.78 2.66 0.00	66.73 2.13 0.00	59.33 1.84 0.00	52.60 1.43 0.00	50.20 1.27 0.00	45.36 1.02 0.00
MONGAUP___HYD 23641	42.81 2.54 0.00	40.39 2.10 0.00	38.30 1.82 0.00	38.30 1.89 0.00	38.77 1.92 0.00	39.77 2.04 0.00	47.52 2.56 0.00	54.94 3.01 0.00	55.75 2.80 0.00	44.39 2.23 0.00	40.24 2.06 0.00	39.05 1.96 0.00	37.12 1.87 0.00	37.07 2.00 0.00	37.00 1.96 0.00	38.15 1.99 0.00	46.20 2.45 0.00	62.87 3.22 0.00	74.11 3.99 0.00	68.09 3.49 0.00	60.65 3.16 0.00	54.03 2.86 0.00	51.42 2.49 0.00	46.42 2.08 0.00
MONTAUK___DIESEL 23721	41.67 1.41 0.01	38.81 0.54 0.01	36.61 0.15 0.01	36.51 0.11 0.01	36.88 0.04 0.01	38.48 0.75 0.01	35.75 -0.18 9.03	46.53 -2.28 3.11	39.51 -2.75 10.69	32.19 -0.67 9.30	35.02 0.61 3.76	34.14 0.30 3.25	36.09 0.85 0.01	36.83 1.75 0.00	34.81 0.63 0.86	36.70 0.54 0.01	44.62 0.88 0.01	52.92 -0.60 6.13	62.67 0.42 7.87	52.00 0.13 12.73	49.50 0.00 7.99	47.44 0.20 3.93	46.57 -0.98 1.38	44.51 0.18 0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.04 -4.23 0.00	35.56 -2.72 0.00	34.50 -1.97 0.00	34.55 -1.86 0.00	35.16 -1.70 0.00	36.30 -1.43 0.00	42.98 -1.98 0.00	49.02 -2.91 0.00	50.57 -2.38 0.00	40.85 -1.31 0.00	37.11 -1.07 0.00	35.79 -1.30 0.00	34.19 -1.06 0.00	33.95 -1.12 0.00	33.39 -1.65 0.00	34.83 -1.34 0.00	41.44 -2.32 0.00	56.25 -3.40 0.00	67.03 -3.09 0.00	61.82 -2.78 0.00	54.90 -2.59 0.00	49.94 -1.23 0.00	49.17 0.24 0.00	45.22 0.89 0.00

MORRIS_RIDGE___SOLAR 323848	36.77 -3.50 0.00	36.14 -2.14 0.00	35.09 -1.39 0.00	34.91 -1.49 0.00	35.38 -1.48 0.00	36.60 -1.13 0.00	43.48 -1.48 0.00	49.38 -2.54 0.00	50.73 -2.22 0.00	40.72 -1.43 0.00	36.50 -1.68 0.00	35.27 -1.82 0.00	33.59 -1.66 0.00	33.53 -1.54 0.00	33.18 -1.86 0.00	34.39 -1.77 0.00	41.00 -2.76 0.00	56.25 -3.40 0.00	67.24 -2.88 0.00	62.01 -2.59 0.00	54.79 -2.70 0.00	49.27 -1.89 0.00	48.34 -0.58 0.00	44.47 0.13 0.00
MORTIMER_115KV_TB3 55949	38.66 -1.61 0.00	37.56 -0.73 0.00	36.11 -0.36 0.00	35.93 -0.47 0.00	36.41 -0.44 0.00	37.32 -0.42 0.00	44.15 -0.81 0.00	50.58 -1.35 0.00	51.89 -1.06 0.00	41.65 -0.51 0.00	37.87 -0.31 0.00	36.68 -0.41 0.00	34.93 -0.32 0.00	34.69 -0.39 0.00	34.44 -0.60 0.00	35.69 -0.47 0.00	42.66 -1.09 0.00	57.68 -1.97 0.00	67.87 -2.24 0.00	62.66 -1.94 0.00	55.54 -1.95 0.00	50.09 -1.07 0.00	48.63 -0.29 0.00	44.51 0.18 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.09 2.82 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.44 2.04 0.00	38.88 2.03 0.00	40.04 2.30 0.00	47.70 2.74 0.00	55.09 3.17 0.00	56.02 3.07 0.00	45.02 2.87 0.00	41.00 2.83 0.00	39.87 2.78 0.00	38.07 2.82 0.00	37.99 2.91 0.00	37.74 2.70 0.00	38.70 2.53 0.00	46.73 2.98 0.00	63.05 3.40 0.00	74.11 4.00 0.00	68.09 3.49 0.00	60.83 3.33 0.00	54.18 3.02 0.00	51.42 2.50 0.00	46.42 2.08 0.00
MUNSVILLE_WIND_PWR 323609	41.60 1.33 0.00	39.82 1.53 0.00	37.93 1.46 0.00	37.68 1.27 0.00	38.47 1.62 0.00	39.62 1.89 0.00	47.38 2.43 0.00	55.04 3.12 0.00	56.23 3.28 0.00	43.93 1.77 0.00	39.74 1.57 0.00	38.87 1.78 0.00	36.73 1.48 0.00	36.66 1.58 0.00	36.44 1.40 0.00	37.83 1.66 0.00	46.07 2.32 0.00	63.59 3.94 0.00	75.66 5.54 0.00	69.83 5.23 0.00	61.75 4.25 0.00	54.90 3.73 0.00	52.64 3.72 0.00	47.80 3.46 0.00
N SALMON___HYD 24042	39.75 -0.52 0.00	37.78 -0.50 0.00	35.93 -0.55 0.00	35.90 -0.51 0.00	36.37 -0.48 0.00	37.24 -0.49 0.00	44.73 -0.22 0.00	51.87 -0.05 0.00	53.06 0.11 0.00	41.99 -0.17 0.00	38.14 -0.04 0.00	37.42 0.33 0.00	35.46 0.21 0.00	35.01 -0.07 0.00	35.04 0.00 0.00	36.16 0.00 0.00	44.19 0.44 0.00	60.66 1.01 0.00	71.52 1.40 0.00	66.41 1.81 0.00	59.28 1.78 0.00	52.44 1.28 0.00	50.44 1.52 0.00	45.58 1.24 0.00
N.AKRON__115KV_KNAPP 355671	37.93 -2.34 0.00	37.33 -0.96 0.00	36.07 -0.40 0.00	35.86 -0.55 0.00	36.37 -0.48 0.00	37.40 -0.34 0.00	43.74 -1.21 0.00	49.59 -2.34 0.00	51.04 -1.91 0.00	41.06 -1.10 0.00	37.38 -0.80 0.00	36.09 -1.00 0.00	34.44 -0.81 0.00	34.20 -0.88 0.00	33.77 -1.26 0.00	35.12 -1.05 0.00	41.70 -2.06 0.00	56.19 -3.46 0.00	66.26 -3.86 0.00	61.24 -3.36 0.00	54.27 -3.22 0.00	49.32 -1.84 0.00	48.39 -0.54 0.00	45.00 0.67 0.00
N.E_GEN_SANDY PD 24062	41.80 1.53 0.00	39.51 1.22 0.00	37.64 1.17 0.00	37.64 1.24 0.00	38.00 1.14 0.00	39.02 1.28 0.00	49.38 1.57 -2.85	65.94 1.97 -12.04	54.91 1.96 0.00	43.38 1.22 0.00	38.98 0.80 0.00	37.68 0.59 0.00	35.81 0.56 0.00	35.57 0.49 0.00	35.81 0.77 0.00	37.10 0.94 0.00	45.03 1.27 0.00	61.38 1.73 0.00	71.52 1.40 0.00	65.70 1.10 0.00	58.35 0.86 0.00	51.83 0.66 0.00	49.12 0.20 0.00	44.00 -0.09 0.25
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.89 2.62 0.00	40.43 2.14 0.00	38.33 1.86 0.00	38.33 1.93 0.00	38.73 1.88 0.00	39.89 2.15 0.00	47.52 2.56 0.00	54.89 2.96 0.00	55.81 2.86 0.00	44.77 2.61 0.00	40.73 2.56 0.00	39.57 2.48 0.00	37.75 2.50 0.00	37.67 2.60 0.00	37.45 2.42 0.00	38.44 2.28 0.00	46.47 2.71 0.00	62.81 3.16 0.00	73.97 3.86 0.00	67.90 3.29 0.00	60.60 3.10 0.00	53.98 2.81 0.00	51.27 2.35 0.00	46.24 1.91 0.00
N.QUEENS_27_KV_LOAD 356247	43.49 3.22 0.00	40.89 2.60 0.00	38.73 2.26 0.00	38.66 2.26 0.00	39.10 2.25 0.00	40.08 2.34 0.00	47.48 2.52 0.00	54.73 2.80 0.00	55.54 2.59 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.80 2.71 0.00	38.07 2.82 0.00	37.99 2.91 0.00	37.74 2.70 0.00	38.66 2.50 0.00	46.60 2.84 0.00	62.51 2.86 0.00	73.62 3.51 0.01	67.57 2.97 0.01	60.42 2.93 0.00	53.93 2.76 0.00	51.42 2.50 0.00	46.64 2.31 0.00
N.TROY___115KV_TB1 355778	41.64 1.37 0.00	39.39 1.11 0.00	37.49 1.02 0.00	37.46 1.06 0.00	37.85 0.99 0.00	38.87 1.13 0.00	46.35 1.39 0.00	53.64 1.71 0.00	54.59 1.64 0.00	43.29 1.14 0.00	38.94 0.76 0.00	37.64 0.56 0.00	35.67 0.42 0.00	35.57 0.49 0.00	35.74 0.70 0.00	36.92 0.76 0.00	44.76 1.01 0.00	61.32 1.67 0.00	71.87 1.75 0.00	66.02 1.42 0.00	58.64 1.15 0.00	51.88 0.72 0.00	49.41 0.49 0.00	44.65 0.31 0.00
NARROWS_GT1_1 24228	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NARROWS_GT1_2 24229	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NARROWS_GT1_3 24230	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NARROWS_GT1_4 24231	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NARROWS_GT1_5 24232	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00

NARROWS_GT1_6 24233	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NARROWS_GT1_7 24234	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NARROWS_GT1_8 24235	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NARROWS_GT2_1 24236	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NARROWS_GT2_2 24237	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NARROWS_GT2_3 24238	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NARROWS_GT2_4 24239	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NARROWS_GT2_5 24240	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NARROWS_GT2_6 24241	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NARROWS_GT2_7 24242	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NARROWS_GT2_8 24243	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.04 1.77 0.00	39.81 1.53 0.00	37.86 1.39 0.00	37.86 1.46 0.00	38.25 1.40 0.00	39.25 1.51 0.00	46.85 1.89 0.00	54.16 2.23 0.00	54.96 2.01 0.00	43.46 1.31 0.00	39.06 0.88 0.00	37.68 0.59 0.00	35.78 0.53 0.00	35.60 0.53 0.00	35.77 0.74 0.00	37.07 0.90 0.00	45.16 1.40 0.00	62.15 2.51 0.00	73.06 2.94 0.00	67.06 2.45 0.00	59.56 2.07 0.00	52.85 1.69 0.00	50.34 1.42 0.00	45.45 1.11 0.00
NCHELSEA_115KV_TR2 355582	42.93 2.66 0.00	40.50 2.22 0.00	38.41 1.93 0.00	38.41 2.00 0.00	38.80 1.95 0.00	39.92 2.19 0.00	47.61 2.65 0.00	55.04 3.12 0.00	55.97 3.02 0.00	44.77 2.61 0.00	40.66 2.48 0.00	39.46 2.37 0.00	37.61 2.36 0.00	37.50 2.42 0.00	37.35 2.31 0.00	38.41 2.24 0.00	46.56 2.80 0.00	63.11 3.46 0.00	74.26 4.14 0.00	68.15 3.55 0.00	60.83 3.33 0.00	54.18 3.02 0.00	51.42 2.50 0.00	46.38 2.04 0.00
NEG CAPITAL____MECHNVIL 23645	42.00 1.73 0.00	39.77 1.49 0.00	37.82 1.35 0.00	37.86 1.46 0.00	38.25 1.40 0.00	39.28 1.55 0.00	46.76 1.80 0.00	54.16 2.23 0.00	55.07 2.12 0.00	43.67 1.52 0.00	39.55 1.37 0.00	38.13 1.04 0.00	36.20 0.95 0.00	35.99 0.91 0.00	36.12 1.09 0.00	37.36 1.19 0.00	45.24 1.49 0.00	61.97 2.32 0.00	72.85 2.73 0.00	66.80 2.20 0.00	59.33 1.84 0.00	52.75 1.59 0.00	50.25 1.32 0.00	45.31 0.97 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.26 -2.01 0.00	37.02 -1.26 0.00	35.56 -0.91 0.00	35.31 -1.09 0.00	35.78 -1.07 0.00	36.75 -0.98 0.00	43.65 -1.31 0.00	50.01 -1.92 0.00	51.36 -1.59 0.00	41.23 -0.93 0.00	37.30 -0.88 0.00	36.16 -0.93 0.00	34.40 -0.85 0.00	34.27 -0.81 0.00	33.99 -1.05 0.00	35.15 -1.01 0.00	42.09 -1.66 0.00	57.20 -2.45 0.00	67.60 -2.52 0.00	62.28 -2.32 0.00	55.08 -2.41 0.00	49.37 -1.79 0.00	47.80 -1.12 0.00	43.58 -0.75 0.00

NEG CENTRAL___DRP 24199	39.63 -0.64 0.00	38.09 -0.19 0.00	36.44 -0.04 0.00	36.37 -0.04 0.00	36.85 0.00 0.00	37.74 0.00 0.00	44.91 -0.04 0.00	51.56 -0.36 0.00	52.79 -0.16 0.00	42.16 0.00 0.00	38.18 0.00 0.00	36.98 -0.11 0.00	35.18 -0.07 0.00	35.01 -0.07 0.00	34.83 -0.21 0.00	36.06 -0.11 0.00	43.36 -0.39 0.00	58.93 -0.72 0.00	69.63 -0.49 0.00	64.08 -0.52 0.00	56.97 -0.52 0.00	50.91 -0.26 0.00	49.02 0.10 0.00	44.74 0.40 0.00
NEG CENTRAL___INDECK 23768	39.02 -1.25 0.00	38.13 -0.15 0.00	36.84 0.36 0.00	36.55 0.15 0.00	37.07 0.22 0.00	38.26 0.53 0.00	45.59 0.63 0.00	52.03 0.10 0.00	53.32 0.37 0.00	42.62 0.46 0.00	38.18 0.00 0.00	36.83 -0.26 0.00	35.07 -0.18 0.00	34.94 -0.14 0.00	34.62 -0.42 0.00	35.95 -0.22 0.00	43.14 -0.61 0.00	59.29 -0.36 0.00	70.89 0.77 0.00	65.38 0.78 0.00	57.66 0.17 0.00	51.83 0.66 0.00	50.44 1.52 0.00	46.24 1.91 0.00
NEG CENTRAL___SENECA 23627	39.30 -0.97 0.00	37.98 -0.31 0.00	36.40 -0.07 0.00	36.33 -0.07 0.00	36.81 -0.04 0.00	37.77 0.04 0.00	44.96 0.00 0.00	51.46 -0.47 0.00	52.74 -0.21 0.00	42.20 0.04 0.00	38.22 0.04 0.00	36.94 -0.15 0.00	35.14 -0.11 0.00	34.97 -0.11 0.00	34.76 -0.28 0.00	36.02 -0.14 0.00	43.27 -0.48 0.00	58.69 -0.95 0.00	69.42 -0.70 0.00	63.95 -0.65 0.00	56.80 -0.69 0.00	50.91 -0.26 0.00	49.17 0.24 0.00	45.05 0.71 0.00
NEG CENTRAL___STATE_STREET 24147	40.07 -0.20 0.00	38.32 0.04 0.00	36.55 0.07 0.00	36.48 0.07 0.00	36.96 0.11 0.00	37.81 0.08 0.00	45.05 0.09 0.00	51.93 0.00 0.00	53.06 0.11 0.00	42.28 0.13 0.00	38.33 0.15 0.00	37.16 0.07 0.00	35.32 0.07 0.00	35.15 0.07 0.00	35.00 -0.04 0.00	36.20 0.04 0.00	43.71 -0.04 0.00	59.53 -0.12 0.00	70.19 0.07 0.00	64.67 0.06 0.00	57.43 -0.06 0.00	51.22 0.05 0.00	49.12 0.20 0.00	44.56 0.22 0.00
NEG MILLWOOD___DRP 24198	43.09 2.82 0.00	40.69 2.41 0.00	38.55 2.08 0.00	38.52 2.11 0.00	38.95 2.10 0.00	40.08 2.34 0.00	47.75 2.79 0.00	55.25 3.32 0.00	56.13 3.18 0.00	44.90 2.74 0.00	40.81 2.63 0.00	39.68 2.60 0.00	37.79 2.54 0.00	37.64 2.56 0.00	37.52 2.49 0.00	38.59 2.42 0.00	46.73 2.98 0.00	63.35 3.70 0.00	74.47 4.35 0.00	68.28 3.68 0.00	61.00 3.51 0.00	54.34 3.17 0.00	51.52 2.59 0.00	46.51 2.17 0.00
NEG NORTH_FLCN_SEA 23793	39.38 -0.89 0.00	37.44 -0.84 0.00	35.60 -0.88 0.00	35.57 -0.84 0.00	36.04 -0.81 0.00	36.94 -0.79 0.00	44.28 -0.67 0.00	51.30 -0.62 0.00	52.42 -0.53 0.00	41.61 -0.55 0.00	37.76 -0.42 0.00	36.94 -0.15 0.00	35.07 -0.18 0.00	34.72 -0.35 0.00	34.76 -0.28 0.00	35.87 -0.29 0.00	43.80 0.04 0.00	60.13 0.48 0.00	70.89 0.77 0.00	65.57 0.97 0.00	58.64 1.15 0.00	52.03 0.87 0.00	50.05 1.13 0.00	45.36 1.02 0.00
NEG NORTH_KES_CHATEGAY 23792	39.14 -1.13 0.00	37.17 -1.11 0.00	35.38 -1.09 0.00	35.35 -1.06 0.00	35.82 -1.03 0.00	36.72 -1.02 0.00	44.01 -0.94 0.00	50.94 -0.99 0.00	52.00 -0.95 0.00	41.31 -0.84 0.00	37.45 -0.73 0.00	36.61 -0.48 0.00	34.76 -0.49 0.00	34.41 -0.67 0.00	34.44 -0.60 0.00	35.59 -0.58 0.00	43.45 -0.31 0.00	59.59 -0.06 0.00	70.33 0.21 0.00	65.05 0.45 0.00	58.18 0.69 0.00	51.62 0.46 0.00	49.61 0.68 0.00	44.91 0.58 0.00
NEG NORTH___ALICE_FALLS 23915	39.46 -0.81 0.00	37.52 -0.77 0.00	35.67 -0.80 0.00	35.64 -0.76 0.00	36.11 -0.74 0.00	37.02 -0.72 0.00	44.42 -0.54 0.00	51.41 -0.52 0.00	52.58 -0.37 0.00	41.69 -0.46 0.00	37.83 -0.34 0.00	37.05 -0.04 0.00	35.18 -0.07 0.00	34.76 -0.32 0.00	34.79 -0.25 0.00	35.95 -0.22 0.00	43.93 0.18 0.00	60.31 0.66 0.00	71.10 0.98 0.00	65.89 1.29 0.00	58.93 1.44 0.00	52.24 1.07 0.00	50.25 1.32 0.00	45.45 1.11 0.00
NEG NORTH___LWR_SARANAC 23913	39.46 -0.81 0.00	37.52 -0.77 0.00	35.67 -0.80 0.00	35.64 -0.76 0.00	36.11 -0.74 0.00	37.02 -0.72 0.00	44.42 -0.54 0.00	51.41 -0.52 0.00	52.58 -0.37 0.00	41.69 -0.46 0.00	37.83 -0.34 0.00	37.05 -0.04 0.00	35.18 -0.07 0.00	34.76 -0.32 0.00	34.79 -0.25 0.00	35.95 -0.22 0.00	43.93 0.18 0.00	60.31 0.66 0.00	71.10 0.98 0.00	65.89 1.29 0.00	58.93 1.44 0.00	52.24 1.07 0.00	50.25 1.32 0.00	45.45 1.11 0.00
NEG NORTH___PLATTSBURG 23628	39.47 -0.81 0.00	37.52 -0.77 0.00	35.67 -0.80 0.00	35.64 -0.77 0.00	36.11 -0.74 0.00	37.02 -0.72 0.00	44.37 -0.59 0.00	51.41 -0.52 0.00	52.58 -0.37 0.00	41.69 -0.46 0.00	37.83 -0.34 0.00	37.05 -0.04 0.00	35.18 -0.07 0.00	34.76 -0.32 0.00	34.79 -0.24 0.00	35.95 -0.22 0.00	43.93 0.18 0.00	60.31 0.66 0.00	71.10 0.98 0.00	65.96 1.36 0.00	58.93 1.44 0.00	52.24 1.08 0.00	50.25 1.32 0.00	45.45 1.11 0.00
NEG WEST_LEA_LOCKPORT 23791	37.21 -3.06 0.00	36.71 -1.57 0.00	35.53 -0.95 0.00	35.39 -1.02 0.00	35.86 -0.99 0.00	36.87 -0.87 0.00	43.07 -1.89 0.00	48.71 -3.22 0.00	50.14 -2.81 0.00	40.39 -1.77 0.00	36.80 -1.37 0.00	35.53 -1.56 0.00	33.98 -1.27 0.00	33.74 -1.33 0.00	33.32 -1.72 0.00	34.61 -1.56 0.00	40.95 -2.80 0.00	55.06 -4.59 0.00	64.86 -5.26 0.00	59.88 -4.72 0.00	53.18 -4.31 0.00	48.40 -2.76 0.00	47.60 -1.32 0.00	44.34 0.00 0.00
NEG WEST___LANCASTR 23811	36.44 -3.83 0.00	35.79 -2.49 0.00	34.61 -1.86 0.00	34.55 -1.86 0.00	35.05 -1.81 0.00	36.08 -1.66 0.00	42.53 -2.43 0.00	48.50 -3.43 0.00	49.88 -3.07 0.00	40.13 -2.02 0.00	36.50 -1.68 0.00	35.23 -1.85 0.00	33.66 -1.59 0.00	33.46 -1.61 0.00	32.97 -2.07 0.00	34.25 -1.92 0.00	40.60 -3.15 0.00	54.82 -4.83 0.00	64.93 -5.19 0.00	59.88 -4.72 0.00	53.12 -4.37 0.00	48.20 -2.97 0.00	47.41 -1.52 0.00	43.54 -0.80 0.00
NEG_PENN_ALLEGHNY 23528	40.43 0.16 0.00	38.67 0.38 0.00	36.91 0.44 0.00	36.81 0.40 0.00	37.30 0.44 0.00	38.26 0.53 0.00	45.59 0.63 0.00	52.45 0.52 0.00	53.64 0.69 0.00	42.79 0.63 0.00	38.71 0.53 0.00	37.54 0.45 0.00	35.71 0.46 0.00	35.60 0.53 0.00	35.42 0.39 0.00	36.56 0.40 0.00	44.02 0.26 0.00	60.01 0.36 0.00	70.82 0.70 0.00	65.12 0.51 0.00	57.90 0.41 0.00	51.57 0.41 0.00	49.56 0.63 0.00	45.04 0.71 0.00
NEG___GEN_MONROE 24207	38.70 -1.57 0.00	37.75 -0.54 0.00	36.33 -0.15 0.00	36.15 -0.25 0.00	36.63 -0.22 0.00	37.55 -0.19 0.00	44.28 -0.67 0.00	50.52 -1.40 0.00	51.89 -1.06 0.00	41.65 -0.51 0.00	37.87 -0.31 0.00	36.61 -0.48 0.00	34.90 -0.35 0.00	34.65 -0.42 0.00	34.37 -0.67 0.00	35.62 -0.54 0.00	42.53 -1.23 0.00	57.44 -2.21 0.00	67.66 -2.45 0.00	62.47 -2.13 0.00	55.42 -2.07 0.00	49.99 -1.18 0.00	48.68 -0.24 0.00	44.78 0.44 0.00
NEPA___ENERGY 23901	37.21 -3.06 0.00	36.56 -1.72 0.00	35.34 -1.13 0.00	35.31 -1.09 0.00	35.82 -1.03 0.00	36.87 -0.87 0.00	43.52 -1.44 0.00	49.49 -2.44 0.00	50.83 -2.12 0.00	40.89 -1.26 0.00	37.18 -0.99 0.00	35.90 -1.19 0.00	34.30 -0.95 0.00	34.09 -0.98 0.00	33.60 -1.44 0.00	34.86 -1.30 0.00	41.39 -2.36 0.00	55.89 -3.76 0.00	66.26 -3.86 0.00	61.11 -3.49 0.00	54.27 -3.22 0.00	49.22 -1.94 0.00	48.34 -0.59 0.00	44.51 0.18 0.00

NEVERSINK___HYD 23608	42.85 2.58 0.00	40.46 2.18 0.00	38.37 1.90 0.00	38.33 1.93 0.00	38.84 1.99 0.00	39.85 2.11 0.00	47.61 2.65 0.00	55.04 3.12 0.00	56.02 3.07 0.00	44.60 2.44 0.00	40.47 2.29 0.00	39.28 2.19 0.00	37.33 2.08 0.00	37.22 2.14 0.00	37.14 2.10 0.00	38.26 2.10 0.00	46.38 2.63 0.00	63.05 3.40 0.00	74.25 4.14 0.00	68.28 3.68 0.00	60.77 3.28 0.00	54.23 3.07 0.00	51.56 2.64 0.00	46.60 2.26 0.00
NEWKRMKL_115KV_TB1 55635	41.60 1.33 0.00	39.39 1.11 0.00	37.49 1.02 0.00	37.46 1.06 0.00	37.85 0.99 0.00	38.87 1.13 0.00	46.26 1.30 0.00	53.54 1.61 0.00	54.49 1.54 0.00	43.34 1.18 0.00	39.06 0.88 0.00	37.79 0.70 0.00	35.88 0.63 0.00	35.74 0.67 0.00	35.84 0.81 0.00	37.03 0.87 0.00	44.76 1.01 0.00	61.20 1.55 0.00	71.80 1.68 0.00	65.96 1.36 0.00	58.64 1.15 0.00	51.98 0.82 0.00	49.51 0.59 0.00	44.74 0.40 0.00
NEWTON___FALLS_HYD 23847	40.35 0.08 0.00	38.36 0.08 0.00	36.51 0.04 0.00	36.33 -0.07 0.00	36.89 0.04 0.00	37.77 0.04 0.00	45.14 0.18 0.00	52.39 0.47 0.00	53.37 0.42 0.00	42.07 -0.08 0.00	38.14 -0.04 0.00	37.24 0.15 0.00	35.29 0.04 0.00	34.97 -0.11 0.00	34.93 -0.11 0.00	36.13 -0.04 0.00	44.28 0.53 0.00	60.72 1.07 0.00	71.80 1.68 0.00	66.41 1.81 0.00	58.99 1.49 0.00	52.49 1.33 0.00	50.25 1.32 0.00	45.45 1.11 0.00
NGRID_A1_DSASP 323792	36.48 -3.79 0.00	36.06 -2.22 0.00	34.94 -1.53 0.00	34.69 -1.71 0.00	35.12 -1.73 0.00	36.26 -1.47 0.00	42.71 -2.25 0.00	48.19 -3.74 0.00	49.62 -3.33 0.00	40.26 -1.90 0.00	36.31 -1.87 0.00	35.10 -1.97 0.02	33.57 -1.66 0.02	33.50 -1.58 0.00	33.02 -2.00 0.02	34.17 -1.99 0.00	40.39 -3.37 0.00	54.46 -5.19 0.00	64.65 -5.47 0.00	59.69 -4.91 0.00	52.60 -4.89 0.00	47.58 -3.58 0.00	46.92 -2.01 0.00	43.36 -0.98 0.00
NGRID_A2_DSASP 323793	36.36 -3.91 0.00	35.91 -2.37 0.00	34.76 -1.71 0.00	34.66 -1.75 0.00	35.12 -1.73 0.00	36.04 -1.70 0.00	42.31 -2.65 0.00	47.98 -3.95 0.00	49.35 -3.60 0.00	39.84 -2.32 0.00	36.31 -1.87 0.00	35.07 -2.00 0.02	33.54 -1.69 0.02	33.32 -1.75 0.00	32.88 -2.14 0.02	34.14 -2.03 0.00	40.34 -3.41 0.00	54.10 -5.55 0.00	63.53 -6.59 0.00	58.79 -5.81 0.00	52.20 -5.29 0.00	47.53 -3.63 0.00	46.82 -2.10 0.00	43.27 -1.06 0.00
NGRID_A4_DSASP 323807	36.36 -3.91 0.00	35.91 -2.37 0.00	34.76 -1.71 0.00	34.66 -1.75 0.00	35.12 -1.73 0.00	36.04 -1.70 0.00	42.31 -2.65 0.00	47.98 -3.95 0.00	49.35 -3.60 0.00	39.84 -2.32 0.00	36.31 -1.87 0.00	35.07 -2.00 0.02	33.54 -1.69 0.02	33.32 -1.75 0.00	32.88 -2.14 0.02	34.14 -2.03 0.00	40.34 -3.41 0.00	54.10 -5.55 0.00	63.53 -6.59 0.00	58.79 -5.81 0.00	52.20 -5.29 0.00	47.53 -3.63 0.00	46.82 -2.10 0.00	43.27 -1.06 0.00
NIAGARA_115E_LBMP 323715	37.17 -3.10 0.00	36.71 -1.57 0.00	35.56 -0.91 0.00	35.28 -1.13 0.00	35.75 -1.10 0.00	36.94 -0.79 0.00	42.98 -1.98 0.00	48.24 -3.69 0.00	49.67 -3.28 0.00	40.30 -1.85 0.00	36.31 -1.87 0.00	35.12 -1.97 0.00	33.59 -1.66 0.00	33.50 -1.58 0.00	33.00 -2.03 0.00	34.17 -1.99 0.00	40.39 -3.37 0.00	54.58 -5.07 0.00	64.79 -5.33 0.00	59.82 -4.78 0.00	52.72 -4.77 0.00	47.68 -3.48 0.00	47.02 -1.91 0.00	44.12 -0.22 0.00
NIAGARA_115W_LBMP 323714	36.40 -3.87 0.00	35.99 -2.30 0.00	34.87 -1.60 0.00	34.59 -1.82 0.00	35.05 -1.80 0.00	36.19 -1.55 0.00	42.57 -2.38 0.00	48.08 -3.84 0.00	49.51 -3.44 0.00	40.18 -1.98 0.00	36.23 -1.95 0.00	35.03 -2.04 0.02	33.50 -1.73 0.02	33.43 -1.65 0.00	32.92 -2.10 0.02	34.07 -2.10 0.00	40.25 -3.50 0.00	54.34 -5.31 0.00	64.51 -5.61 0.00	59.50 -5.10 0.00	52.49 -5.00 0.00	47.48 -3.68 0.00	46.82 -2.10 0.00	43.23 -1.11 0.00
NIAGARA_230_LBMP 323716	37.05 -3.22 0.00	36.56 -1.72 0.00	35.38 -1.09 0.00	35.13 -1.28 0.00	35.60 -1.25 0.00	36.75 -0.98 0.00	43.25 -1.71 0.00	48.81 -3.11 0.00	50.25 -2.70 0.00	40.77 -1.39 0.00	36.73 -1.45 0.00	35.53 -1.56 0.00	33.98 -1.27 0.00	33.88 -1.19 0.00	33.43 -1.61 0.00	34.57 -1.59 0.00	40.87 -2.89 0.00	55.24 -4.41 0.00	65.49 -4.63 0.00	60.46 -4.14 0.00	53.35 -4.14 0.00	48.20 -2.97 0.00	47.46 -1.47 0.00	43.89 -0.44 0.00
NIAGARA___115KV_198_GIBSON 55903	36.28 -3.99 0.00	35.83 -2.45 0.00	34.69 -1.79 0.00	34.59 -1.82 0.00	35.05 -1.81 0.00	35.96 -1.77 0.00	42.22 -2.74 0.00	47.82 -4.10 0.00	49.24 -3.71 0.00	39.71 -2.45 0.00	36.19 -1.99 0.00	34.96 -2.11 0.02	33.43 -1.80 0.02	33.22 -1.86 0.00	32.81 -2.21 0.02	34.07 -2.10 0.00	40.25 -3.50 0.00	53.92 -5.73 0.00	63.39 -6.73 0.00	58.66 -5.94 0.00	52.09 -5.40 0.00	47.38 -3.79 0.00	46.67 -2.25 0.00	43.18 -1.15 0.00
NIAGARA____ 23760	37.05 -3.22 0.00	36.56 -1.72 0.00	35.38 -1.09 0.00	35.13 -1.28 0.00	35.60 -1.25 0.00	36.75 -0.98 0.00	43.25 -1.71 0.00	48.81 -3.11 0.00	50.25 -2.70 0.00	40.77 -1.39 0.00	36.73 -1.45 0.00	35.52 -1.56 0.01	33.97 -1.27 0.01	33.88 -1.19 0.00	33.42 -1.61 0.01	34.57 -1.59 0.00	40.87 -2.89 0.00	55.24 -4.41 0.00	65.49 -4.63 0.00	60.46 -4.14 0.00	53.35 -4.14 0.00	48.20 -2.97 0.00	47.46 -1.47 0.00	43.89 -0.44 0.00
NINE_MILE_1 23575	39.10 -1.17 0.00	37.29 -1.00 0.00	35.56 -0.91 0.00	35.46 -0.95 0.00	35.89 -0.96 0.00	36.68 -1.06 0.00	43.56 -1.39 0.00	50.21 -1.71 0.00	51.20 -1.75 0.00	40.89 -1.26 0.00	36.99 -1.18 0.00	35.94 -1.15 0.00	34.19 -1.06 0.00	34.06 -1.02 0.00	33.95 -1.09 0.00	35.04 -1.12 0.00	42.27 -1.49 0.00	57.62 -2.03 0.00	67.73 -2.38 0.00	62.40 -2.20 0.00	55.48 -2.01 0.00	49.42 -1.74 0.00	47.31 -1.61 0.00	43.01 -1.33 0.00
NINE_MILE_2 23744	39.10 -1.17 0.00	37.29 -1.00 0.00	35.56 -0.91 0.00	35.46 -0.95 0.00	35.93 -0.92 0.00	36.68 -1.06 0.00	43.56 -1.39 0.00	50.21 -1.71 0.00	51.25 -1.70 0.00	40.89 -1.26 0.00	36.99 -1.18 0.00	35.94 -1.15 0.00	34.19 -1.06 0.00	34.06 -1.02 0.00	33.95 -1.09 0.00	35.04 -1.12 0.00	42.27 -1.49 0.00	57.62 -2.03 0.00	67.73 -2.38 0.00	62.40 -2.20 0.00	55.48 -2.01 0.00	49.42 -1.74 0.00	47.31 -1.61 0.00	43.01 -1.33 0.00
NM_CAPITAL___DRP 24208	41.52 1.25 0.00	39.28 1.00 0.00	37.42 0.95 0.00	37.39 0.98 0.00	37.74 0.88 0.00	38.75 1.02 0.00	46.17 1.21 0.00	53.38 1.45 0.00	54.38 1.43 0.00	43.21 1.05 0.00	38.94 0.76 0.00	37.72 0.63 0.00	35.78 0.53 0.00	35.67 0.60 0.00	35.77 0.74 0.00	36.96 0.80 0.00	44.67 0.92 0.00	61.02 1.37 0.00	71.52 1.40 0.00	65.70 1.10 0.00	58.41 0.92 0.00	51.78 0.61 0.00	49.32 0.39 0.00	44.56 0.22 0.00
NM_CENTRAL___DRP 24181	39.79 -0.48 0.00	37.98 -0.31 0.00	36.25 -0.22 0.00	36.15 -0.25 0.00	36.63 -0.22 0.00	37.40 -0.34 0.00	44.46 -0.49 0.00	51.35 -0.57 0.00	52.47 -0.48 0.00	41.82 -0.34 0.00	37.95 -0.23 0.00	36.79 -0.30 0.00	35.00 -0.25 0.00	34.86 -0.21 0.00	34.76 -0.28 0.00	35.87 -0.29 0.00	43.23 -0.53 0.00	58.87 -0.78 0.00	69.21 -0.91 0.00	63.76 -0.84 0.00	56.69 -0.80 0.00	50.55 -0.61 0.00	48.43 -0.49 0.00	43.89 -0.44 0.00

NM_FRONTIER___DRP 24179	36.28 -3.99 0.00	35.83 -2.45 0.00	34.69 -1.79 0.00	34.59 -1.82 0.00	35.05 -1.81 0.00	35.96 -1.77 0.00	42.22 -2.74 0.00	47.82 -4.10 0.00	49.24 -3.71 0.00	39.71 -2.45 0.00	36.19 -1.99 0.00	34.96 -2.11 0.02	33.43 -1.80 0.02	33.22 -1.86 0.00	32.81 -2.21 0.02	34.07 -2.10 0.00	40.25 -3.50 0.00	53.92 -5.73 0.00	63.39 -6.73 0.00	58.66 -5.94 0.00	52.09 -5.40 0.00	47.38 -3.79 0.00	46.67 -2.25 0.00	43.18 -1.15 0.00
NM_ST_REGIS___HYD 24053	40.31 0.04 0.00	38.28 0.00 0.00	36.44 -0.04 0.00	36.33 -0.07 0.00	36.85 0.00 0.00	37.74 0.00 0.00	45.27 0.31 0.00	52.45 0.52 0.00	53.53 0.58 0.00	42.33 0.17 0.00	38.41 0.23 0.00	37.64 0.56 0.00	35.67 0.42 0.00	35.25 0.18 0.00	35.25 0.21 0.00	36.38 0.22 0.00	44.50 0.74 0.00	61.02 1.37 0.00	72.01 1.89 0.00	66.67 2.07 0.00	59.50 2.01 0.00	52.70 1.53 0.00	50.64 1.71 0.00	45.76 1.42 0.00
NORTHPORT___1 23551	42.80 2.54 0.01	39.92 1.65 0.01	37.74 1.28 0.01	37.63 1.24 0.01	38.13 1.29 0.01	39.24 1.51 0.01	46.66 1.71 0.01	50.32 0.57 2.18	49.70 -0.32 2.94	43.16 1.01 0.01	40.27 2.10 0.01	38.86 1.78 0.01	37.11 1.87 0.01	38.02 2.95 0.00	37.06 2.03 0.01	38.14 1.99 0.01	45.89 2.14 0.01	54.34 0.95 6.26	63.91 1.82 8.03	53.16 1.55 12.99	50.43 1.09 8.16	48.34 1.18 4.01	47.81 0.30 1.41	45.48 1.15 0.01
NORTHPORT___2 23552	42.80 2.54 0.01	39.92 1.65 0.01	37.74 1.28 0.01	37.63 1.24 0.01	38.13 1.29 0.01	39.24 1.51 0.01	46.66 1.71 0.01	50.32 0.57 2.18	49.70 -0.32 2.94	43.16 1.01 0.01	40.27 2.10 0.01	38.86 1.78 0.01	37.11 1.87 0.01	38.02 2.95 0.00	37.06 2.03 0.01	38.14 1.99 0.01	45.89 2.14 0.01	54.34 0.95 6.26	63.91 1.82 8.03	53.16 1.55 12.99	50.43 1.09 8.16	48.34 1.18 4.01	47.81 0.30 1.41	45.48 1.15 0.01
NORTHPORT___3 23553	42.72 2.46 0.01	39.81 1.53 0.01	37.67 1.20 0.01	37.56 1.16 0.01	38.02 1.18 0.01	39.13 1.40 0.01	46.81 1.57 -0.28	50.21 0.41 2.13	49.75 -0.53 2.67	43.37 0.93 -0.29	40.31 2.02 -0.11	38.89 1.71 -0.10	37.04 1.80 0.01	37.95 2.88 0.00	37.02 1.96 -0.02	38.04 1.88 0.01	45.76 2.01 0.01	54.08 0.66 6.22	63.61 1.47 7.99	52.90 1.22 12.92	50.12 0.75 8.11	48.15 0.97 3.98	47.62 0.10 1.40	45.35 1.02 0.01
NORTHPORT___4 23650	42.72 2.46 0.01	39.81 1.53 0.01	37.67 1.20 0.01	37.56 1.16 0.01	38.02 1.18 0.01	39.13 1.40 0.01	46.81 1.57 -0.28	50.21 0.41 2.13	49.75 -0.53 2.67	43.37 0.93 -0.29	40.31 2.02 -0.11	38.89 1.71 -0.10	37.04 1.80 0.01	37.95 2.88 0.00	37.02 1.96 -0.02	38.04 1.88 0.01	45.76 2.01 0.01	54.08 0.66 6.22	63.61 1.47 7.99	52.90 1.22 12.92	50.12 0.75 8.11	48.15 0.97 3.98	47.62 0.10 1.40	45.35 1.02 0.01
NORTHPORT___IC 23718	42.84 2.58 0.01	40.00 1.72 0.01	37.82 1.35 0.01	37.71 1.31 0.01	38.10 1.25 0.01	39.43 1.70 0.01	46.79 1.84 0.01	49.65 -0.10 2.18	49.54 -0.48 2.94	43.33 1.18 0.01	40.38 2.21 0.01	38.97 1.89 0.01	37.43 2.19 0.01	38.20 3.12 0.00	37.17 2.14 0.01	38.18 2.03 0.01	46.24 2.49 0.01	54.41 1.01 6.26	64.26 2.17 8.03	53.42 1.81 12.99	50.83 1.49 8.16	48.59 1.43 4.01	47.91 0.39 1.41	45.57 1.24 0.01
NORTH___COUNTRY_ESR 323785	39.10 -1.17 0.00	37.10 -1.19 0.00	35.30 -1.17 0.00	35.28 -1.13 0.00	35.75 -1.10 0.00	36.64 -1.10 0.00	43.88 -1.08 0.00	50.78 -1.14 0.00	51.89 -1.06 0.00	41.23 -0.93 0.00	37.41 -0.76 0.00	36.57 -0.52 0.00	34.72 -0.53 0.00	34.41 -0.67 0.00	34.41 -0.63 0.00	35.55 -0.61 0.00	43.36 -0.39 0.00	59.47 -0.18 0.00	70.05 -0.07 0.00	64.93 0.32 0.00	57.95 0.46 0.00	51.47 0.31 0.00	49.46 0.54 0.00	44.83 0.49 0.00
NPX_GEN_1385_PROXY 323591	42.80 2.54 0.01	39.85 1.57 0.01	37.74 1.28 0.01	37.56 1.16 0.01	38.06 1.21 0.01	39.24 1.51 0.01	46.93 1.98 0.01	50.69 0.94 2.18	49.86 -0.16 2.94	42.91 0.76 0.01	39.96 1.79 0.01	38.60 1.52 0.01	36.83 1.59 0.01	36.73 2.63 0.98	36.89 1.86 0.01	38.14 1.99 0.01	45.76 2.01 0.01	54.59 1.19 6.26	64.19 2.10 8.03	53.41 1.81 12.99	50.14 0.80 8.16	48.08 0.92 4.01	43.00 -0.10 5.83	40.00 0.75 5.09
NPX_GEN_CSC 323557	41.91 1.65 0.01	38.97 0.69 0.01	36.83 0.36 0.01	36.72 0.33 0.01	37.21 0.37 0.01	38.63 0.90 0.01	36.35 0.45 9.06	48.09 -0.73 3.11	40.54 -1.70 10.71	32.79 -0.04 9.32	35.51 1.11 3.77	34.72 0.89 3.26	36.23 0.99 0.01	37.32 2.25 0.00	35.26 1.09 0.86	37.17 1.01 0.01	44.84 1.09 0.01	53.34 -0.18 6.13	62.94 0.70 7.88	52.31 0.46 12.74	49.61 0.12 8.00	47.60 0.36 3.93	46.91 -0.64 1.38	44.46 0.13 0.01
NSINS_S_GLNS_FALLS 23858	41.84 1.57 0.00	39.58 1.30 0.00	37.64 1.17 0.00	37.64 1.24 0.00	38.03 1.18 0.00	39.13 1.40 0.00	46.53 1.57 0.00	53.85 1.92 0.00	54.70 1.75 0.00	43.38 1.22 0.00	38.94 0.76 0.00	37.46 0.37 0.00	35.46 0.21 0.00	35.29 0.21 0.00	35.46 0.42 0.00	36.67 0.51 0.00	44.76 1.01 0.00	61.62 1.97 0.00	72.64 2.52 0.00	66.60 2.00 0.00	59.22 1.72 0.00	52.49 1.33 0.00	50.10 1.17 0.00	45.27 0.93 0.00
NUCOR_STEEL___DRP 24197	40.19 -0.08 0.00	38.44 0.15 0.00	36.66 0.18 0.00	36.59 0.18 0.00	37.07 0.22 0.00	37.89 0.15 0.00	45.09 0.13 0.00	52.03 0.10 0.00	53.16 0.21 0.00	42.37 0.21 0.00	38.41 0.23 0.00	37.24 0.15 0.00	35.43 0.18 0.00	35.25 0.18 0.00	35.11 0.07 0.00	36.27 0.11 0.00	43.71 -0.04 0.00	59.53 -0.12 0.00	70.12 0.00 0.00	64.60 0.00 0.00	57.43 -0.06 0.00	51.22 0.05 0.00	49.12 0.20 0.00	44.60 0.27 0.00
NUMBER_THREE_WT_PWR 323818	40.31 0.04 0.00	38.32 0.04 0.00	36.47 0.00 0.00	36.22 -0.18 0.00	36.85 0.00 0.00	37.70 -0.04 0.00	45.00 0.05 0.00	52.24 0.31 0.00	53.22 0.27 0.00	41.82 -0.34 0.00	37.87 -0.31 0.00	36.90 -0.18 0.00	34.93 -0.32 0.00	34.72 -0.35 0.00	34.69 -0.35 0.00	35.87 -0.29 0.00	44.19 0.44 0.00	60.66 1.01 0.00	71.80 1.68 0.00	66.41 1.81 0.00	58.75 1.26 0.00	52.34 1.18 0.00	50.05 1.13 0.00	45.31 0.97 0.00
NYISO_LBMP_REFERENCE 24008	40.27 0.00 0.00	38.28 0.00 0.00	36.47 0.00 0.00	36.41 0.00 0.00	36.85 0.00 0.00	37.74 0.00 0.00	44.96 0.00 0.00	51.93 0.00 0.00	52.95 0.00 0.00	42.16 0.00 0.00	38.18 0.00 0.00	37.09 0.00 0.00	35.25 0.00 0.00	35.08 0.00 0.00	35.04 0.00 0.00	36.16 0.00 0.00	43.76 0.00 0.00	59.65 0.00 0.00	70.12 0.00 0.00	64.60 0.00 0.00	57.49 0.00 0.00	51.16 0.00 0.00	48.92 0.00 0.00	44.34 0.00 0.00
NYPA_BRENTWD____GT 24164	43.24 2.98 0.01	40.30 2.03 0.01	38.11 1.64 0.01	38.00 1.60 0.01	38.50 1.66 0.01	39.62 1.89 0.01	46.36 2.20 0.80	50.77 0.94 2.09	49.88 0.32 3.39	42.68 1.35 0.82	40.32 2.48 0.34	38.87 2.08 0.29	37.39 2.15 0.01	38.27 3.19 0.00	37.30 2.35 0.08	38.40 2.24 0.01	46.28 2.54 0.01	54.96 1.07 5.76	64.81 2.10 7.41	54.30 1.68 11.98	51.07 1.09 7.51	48.65 1.18 3.69	47.98 0.34 1.29	45.97 1.64 0.01

NYPA_GOWANUS____GT5 24156	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NYPA_GOWANUS____GT6 24157	43.45 3.18 0.00	40.85 2.57 0.00	38.74 2.26 0.00	38.70 2.29 0.00	39.14 2.29 0.00	40.11 2.38 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.89 2.71 0.00	39.83 2.74 0.00	37.90 2.65 0.00	37.88 2.81 0.00	37.74 2.70 0.00	38.73 2.57 0.00	46.64 2.89 0.00	62.81 3.16 0.00	73.96 3.85 0.01	68.02 3.42 0.01	60.59 3.10 0.00	54.08 2.91 0.00	51.52 2.59 0.00	46.73 2.39 0.00
NYPA_HARLEM__RVR__GT1 24160	43.37 3.10 0.00	40.73 2.45 0.00	38.62 2.15 0.00	38.55 2.15 0.00	39.03 2.17 0.00	39.89 2.15 0.00	47.34 2.38 0.00	54.56 2.65 0.01	55.48 2.54 0.01	44.51 2.36 0.01	40.65 2.48 0.01	39.60 2.52 0.01	37.71 2.47 0.01	37.70 2.63 0.01	37.52 2.49 0.01	38.51 2.35 0.01	46.28 2.54 0.01	62.20 2.56 0.01	73.12 3.01 0.01	67.18 2.59 0.01	60.01 2.53 0.01	53.51 2.35 0.01	51.07 2.15 0.00	46.51 2.17 0.00
NYPA_HARLEM__RVR__GT2 24161	43.37 3.10 0.00	40.73 2.45 0.00	38.62 2.15 0.00	38.55 2.15 0.00	39.03 2.17 0.00	39.89 2.15 0.00	47.34 2.38 0.00	54.56 2.65 0.01	55.48 2.54 0.01	44.51 2.36 0.01	40.65 2.48 0.01	39.60 2.52 0.01	37.71 2.47 0.01	37.70 2.63 0.01	37.52 2.49 0.01	38.51 2.35 0.01	46.28 2.54 0.01	62.20 2.56 0.01	73.12 3.01 0.01	67.18 2.59 0.01	60.01 2.53 0.01	53.51 2.35 0.01	51.07 2.15 0.00	46.51 2.17 0.00
NYPA_KENT____GT 24152	43.33 3.06 0.00	40.73 2.45 0.00	38.62 2.15 0.00	38.59 2.18 0.00	39.03 2.17 0.00	40.04 2.30 0.00	47.57 2.61 0.00	54.99 3.06 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.79 2.71 0.00	37.90 2.65 0.00	37.85 2.77 0.00	37.70 2.66 0.00	38.69 2.53 0.00	46.56 2.80 0.00	62.69 3.04 0.00	73.75 3.64 0.01	67.82 3.23 0.01	60.48 2.99 0.00	53.98 2.81 0.00	51.42 2.49 0.00	46.60 2.26 0.00
NYPA_POUCH1____GT 24155	43.70 3.42 -0.01	41.05 2.76 -0.01	38.93 2.44 -0.01	38.89 2.48 -0.01	39.37 2.51 -0.01	40.35 2.60 -0.01	47.88 2.92 0.00	55.20 3.27 0.00	55.97 3.02 0.00	44.86 2.70 0.00	40.96 2.79 0.00	39.91 2.82 0.00	37.96 2.71 0.00	37.95 2.88 0.00	37.80 2.77 0.00	38.80 2.64 0.00	46.73 2.98 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.27 3.68 0.01	60.77 3.28 0.00	54.29 3.12 0.00	51.81 2.89 0.00	47.00 2.66 -0.01
NYPA_VERNON____GT2 24162	43.21 2.94 0.00	40.62 2.34 0.00	38.55 2.08 0.00	38.52 2.11 0.00	38.95 2.10 0.00	39.96 2.23 0.00	47.52 2.56 0.00	54.94 3.01 0.00	55.81 2.86 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.79 2.71 0.00	37.86 2.61 0.00	37.85 2.77 0.00	37.67 2.63 0.00	38.66 2.49 0.00	46.51 2.76 0.00	62.57 2.92 0.00	73.55 3.43 0.01	67.63 3.04 0.01	60.36 2.87 0.00	53.82 2.66 0.00	51.27 2.35 0.00	46.46 2.13 0.00
NYPA_VERNON____GT3 24163	43.21 2.94 0.00	40.62 2.34 0.00	38.55 2.08 0.00	38.52 2.11 0.00	38.95 2.10 0.00	39.96 2.23 0.00	47.52 2.56 0.00	54.94 3.01 0.00	55.81 2.86 0.00	44.77 2.61 0.00	40.85 2.67 0.00	39.79 2.71 0.00	37.86 2.61 0.00	37.85 2.77 0.00	37.67 2.63 0.00	38.66 2.49 0.00	46.51 2.76 0.00	62.57 2.92 0.00	73.55 3.43 0.01	67.63 3.04 0.01	60.36 2.87 0.00	53.82 2.66 0.00	51.27 2.35 0.00	46.46 2.13 0.00
NYPA__ASTORIA_CC1 323568	43.17 2.90 0.00	40.58 2.30 0.00	38.51 2.04 0.00	38.48 2.07 0.00	38.91 2.06 0.00	39.92 2.19 0.00	47.43 2.47 0.00	54.78 2.85 0.00	55.70 2.75 0.00	44.69 2.53 0.00	40.77 2.60 0.00	39.72 2.63 0.00	37.82 2.57 0.00	37.78 2.70 0.00	37.59 2.56 0.00	38.59 2.42 0.00	46.42 2.67 0.00	62.39 2.75 0.00	73.34 3.23 0.01	67.43 2.84 0.01	60.19 2.70 0.00	53.72 2.56 0.00	51.18 2.25 0.00	46.42 2.08 0.00
NYPA__ASTORIA_CC2 323569	43.17 2.90 0.00	40.58 2.30 0.00	38.51 2.04 0.00	38.48 2.07 0.00	38.91 2.06 0.00	39.92 2.19 0.00	47.43 2.47 0.00	54.78 2.85 0.00	55.70 2.75 0.00	44.69 2.53 0.00	40.77 2.60 0.00	39.72 2.63 0.00	37.82 2.57 0.00	37.78 2.70 0.00	37.59 2.56 0.00	38.59 2.42 0.00	46.42 2.67 0.00	62.39 2.75 0.00	73.34 3.23 0.01	67.43 2.84 0.01	60.19 2.70 0.00	53.72 2.56 0.00	51.18 2.25 0.00	46.42 2.08 0.00
NYPA__HOLTSVILL 23794	42.52 2.25 0.01	39.61 1.34 0.01	37.45 0.99 0.01	37.34 0.94 0.01	37.84 1.00 0.01	39.05 1.32 0.01	37.15 1.26 9.06	49.01 0.21 3.12	41.48 -0.74 10.73	33.50 0.67 9.33	36.19 1.79 3.78	35.31 1.49 3.26	36.83 1.59 0.01	37.81 2.74 0.00	35.89 1.72 0.87	37.82 1.66 0.01	45.58 1.84 0.01	54.21 0.72 6.15	63.90 1.68 7.90	53.24 1.42 12.78	50.39 0.92 8.02	48.30 1.08 3.94	47.64 0.10 1.38	45.21 0.89 0.01
NYPA____HELLGATE_GT1 24158	43.37 3.10 0.00	40.73 2.45 0.00	38.62 2.15 0.00	38.55 2.15 0.00	39.03 2.17 0.00	39.89 2.15 0.00	47.34 2.38 0.00	54.56 2.65 0.01	55.48 2.54 0.01	44.51 2.36 0.01	40.65 2.48 0.01	39.60 2.52 0.01	37.71 2.47 0.01	37.70 2.63 0.01	37.52 2.49 0.01	38.51 2.35 0.01	46.28 2.54 0.01	62.20 2.56 0.01	73.12 3.01 0.01	67.18 2.59 0.01	60.01 2.53 0.01	53.51 2.35 0.01	51.07 2.15 0.00	46.51 2.17 0.00
NYPA____HELLGATE_GT2 24159	43.37 3.10 0.00	40.73 2.45 0.00	38.62 2.15 0.00	38.55 2.15 0.00	39.03 2.17 0.00	39.89 2.15 0.00	47.34 2.38 0.00	54.56 2.65 0.01	55.48 2.54 0.01	44.51 2.36 0.01	40.65 2.48 0.01	39.60 2.52 0.01	37.71 2.47 0.01	37.70 2.63 0.01	37.52 2.49 0.01	38.51 2.35 0.01	46.28 2.54 0.01	62.20 2.56 0.01	73.12 3.01 0.01	67.18 2.59 0.01	60.01 2.53 0.01	53.51 2.35 0.01	51.07 2.15 0.00	46.51 2.17 0.00
NYS_BARGE__HYD 23848	37.41 -2.86 0.00	36.91 -1.38 0.00	35.74 -0.73 0.00	35.46 -0.95 0.00	35.93 -0.92 0.00	37.13 -0.61 0.00	43.48 -1.48 0.00	48.91 -3.01 0.00	50.36 -2.59 0.00	40.85 -1.31 0.00	36.80 -1.37 0.00	35.56 -1.52 0.00	34.01 -1.23 0.00	33.92 -1.16 0.00	33.42 -1.61 0.00	34.61 -1.55 0.00	40.95 -2.80 0.00	55.42 -4.23 0.00	65.91 -4.21 0.00	60.85 -3.75 0.00	53.58 -3.91 0.00	48.45 -2.71 0.00	47.75 -1.17 0.00	44.47 0.13 0.00
OAK ORCHARD__HYD 24046	38.70 -1.57 0.00	37.63 -0.65 0.00	36.22 -0.25 0.00	35.97 -0.44 0.00	36.41 -0.44 0.00	37.43 -0.30 0.00	44.42 -0.54 0.00	50.68 -1.25 0.00	52.05 -0.90 0.00	41.91 -0.25 0.00	37.91 -0.27 0.00	36.72 -0.37 0.00	34.97 -0.28 0.00	34.83 -0.24 0.00	34.51 -0.52 0.00	35.69 -0.47 0.00	42.66 -1.09 0.00	57.92 -1.73 0.00	68.51 -1.61 0.00	63.18 -1.42 0.00	55.82 -1.67 0.00	50.14 -1.02 0.00	48.73 -0.19 0.00	44.56 0.22 0.00

OAKDALE___35_KV_LOAD 356122	40.27 0.00 0.00	38.51 0.23 0.00	36.77 0.29 0.00	36.70 0.29 0.00	37.15 0.29 0.00	38.08 0.34 0.00	45.32 0.36 0.00	52.24 0.31 0.00	53.32 0.37 0.00	42.54 0.38 0.00	38.56 0.38 0.00	37.39 0.30 0.00	35.57 0.32 0.00	35.43 0.35 0.00	35.28 0.25 0.00	36.42 0.25 0.00	43.89 0.13 0.00	59.65 0.00 0.00	70.33 0.21 0.00	64.73 0.13 0.00	57.61 0.11 0.00	51.42 0.26 0.00	49.32 0.39 0.00	44.82 0.49 0.00
OCC_CHEM___DRP 24175	36.36 -3.91 0.00	35.91 -2.37 0.00	34.76 -1.71 0.00	34.66 -1.75 0.00	35.12 -1.73 0.00	36.04 -1.70 0.00	42.31 -2.65 0.00	47.98 -3.95 0.00	49.35 -3.60 0.00	39.84 -2.32 0.00	36.31 -1.87 0.00	35.07 -2.00 0.02	33.54 -1.69 0.02	33.32 -1.75 0.00	32.88 -2.14 0.02	34.14 -2.03 0.00	40.34 -3.41 0.00	54.10 -5.55 0.00	63.53 -6.59 0.00	58.79 -5.81 0.00	52.20 -5.29 0.00	47.53 -3.63 0.00	46.82 -2.10 0.00	43.27 -1.06 0.00
OH_GEN_PROXY 24063	37.05 -3.22 0.00	36.56 -1.72 0.00	35.41 -1.06 0.00	35.13 -1.28 0.00	35.60 -1.25 0.00	36.75 -0.98 0.00	43.30 -1.66 0.00	48.91 -3.01 0.00	50.36 -2.59 0.00	40.81 -1.35 0.00	36.77 -1.41 0.00	35.57 -1.52 0.00	34.02 -1.23 0.00	33.92 -1.16 0.00	33.46 -1.58 0.00	34.61 -1.55 0.00	40.95 -2.80 0.00	55.35 -4.30 0.00	65.70 -4.42 0.00	60.60 -4.01 0.00	53.47 -4.03 0.00	48.30 -2.86 0.00	47.50 -1.42 0.00	43.85 -0.49 0.00
OLIN_CORP_DRP 24177	37.05 -3.22 0.00	36.56 -1.72 0.00	35.38 -1.09 0.00	35.24 -1.16 0.00	35.75 -1.11 0.00	36.75 -0.98 0.00	42.67 -2.29 0.00	48.14 -3.79 0.00	49.51 -3.44 0.00	39.92 -2.23 0.00	36.38 -1.79 0.00	35.16 -1.93 0.00	33.63 -1.62 0.00	33.39 -1.68 0.00	32.97 -2.07 0.00	34.25 -1.92 0.00	40.47 -3.28 0.00	54.28 -5.37 0.00	63.88 -6.24 0.00	59.04 -5.56 0.00	52.43 -5.06 0.00	47.74 -3.43 0.00	47.02 -1.91 0.00	44.03 -0.31 0.00
OLIN_CORP_DSASP 323712	36.36 -3.91 0.00	35.91 -2.37 0.00	34.76 -1.71 0.00	34.66 -1.75 0.00	35.12 -1.73 0.00	36.04 -1.70 0.00	42.31 -2.65 0.00	47.98 -3.95 0.00	49.35 -3.60 0.00	39.84 -2.32 0.00	36.31 -1.87 0.00	35.07 -2.00 0.02	33.54 -1.69 0.02	33.32 -1.75 0.00	32.88 -2.14 0.02	34.14 -2.03 0.00	40.34 -3.41 0.00	54.10 -5.55 0.00	63.53 -6.59 0.00	58.79 -5.81 0.00	52.20 -5.29 0.00	47.53 -3.63 0.00	46.82 -2.10 0.00	43.27 -1.06 0.00
ONEIDA_HERK_LFGE 323681	40.79 0.52 0.00	38.78 0.50 0.00	36.91 0.44 0.00	36.73 0.33 0.00	37.33 0.48 0.00	38.23 0.49 0.00	45.59 0.63 0.00	52.86 0.94 0.00	53.85 0.90 0.00	42.54 0.38 0.00	38.52 0.34 0.00	37.50 0.41 0.00	35.50 0.25 0.00	35.35 0.28 0.00	35.28 0.25 0.00	36.49 0.32 0.00	44.50 0.74 0.00	60.84 1.19 0.00	71.87 1.75 0.00	66.28 1.68 0.00	58.75 1.26 0.00	52.34 1.18 0.00	50.00 1.07 0.00	45.27 0.93 0.00
ONEIDA___115KV_TB4 55905	41.16 0.89 0.00	39.20 0.92 0.00	37.35 0.88 0.00	37.17 0.76 0.00	37.77 0.92 0.00	38.68 0.94 0.00	46.13 1.17 0.00	53.38 1.45 0.00	54.43 1.48 0.00	43.00 0.84 0.00	38.94 0.76 0.00	37.87 0.78 0.00	35.88 0.63 0.00	35.78 0.70 0.00	35.67 0.63 0.00	36.89 0.72 0.00	44.76 1.01 0.00	60.90 1.25 0.00	71.87 1.75 0.00	66.28 1.68 0.00	58.76 1.26 0.00	52.34 1.18 0.00	50.05 1.13 0.00	45.36 1.02 0.00
ONONDAGA_REF_OCCRA 23987	39.99 -0.28 0.00	38.17 -0.11 0.00	36.36 -0.11 0.00	36.30 -0.11 0.00	36.78 -0.07 0.00	37.55 -0.19 0.00	44.69 -0.27 0.00	51.61 -0.31 0.00	52.69 -0.26 0.00	41.99 -0.17 0.00	38.06 -0.11 0.00	36.94 -0.15 0.00	35.14 -0.11 0.00	35.01 -0.07 0.00	34.86 -0.18 0.00	36.02 -0.14 0.00	43.45 -0.31 0.00	59.17 -0.48 0.00	69.63 -0.49 0.00	64.08 -0.52 0.00	56.97 -0.52 0.00	50.81 -0.36 0.00	48.63 -0.29 0.00	44.12 -0.22 0.00
ONONDAGA___COGEN 23986	40.03 -0.24 0.00	38.21 -0.08 0.00	36.44 -0.04 0.00	36.37 -0.04 0.00	36.81 -0.04 0.00	37.62 -0.11 0.00	44.73 -0.22 0.00	51.67 -0.26 0.00	52.79 -0.16 0.00	42.11 -0.04 0.00	38.14 -0.04 0.00	37.01 -0.07 0.00	35.21 -0.04 0.00	35.04 -0.04 0.00	34.93 -0.11 0.00	36.06 -0.11 0.00	43.49 -0.26 0.00	59.17 -0.48 0.00	69.63 -0.49 0.00	64.15 -0.45 0.00	57.03 -0.46 0.00	50.86 -0.31 0.00	48.68 -0.24 0.00	44.16 -0.18 0.00
ONTARIO___LFGE 23819	39.35 -0.92 0.00	38.02 -0.27 0.00	36.47 0.00 0.00	36.33 -0.07 0.00	36.81 -0.04 0.00	37.85 0.11 0.00	45.14 0.18 0.00	51.57 -0.36 0.00	52.84 -0.11 0.00	42.41 0.25 0.00	38.22 0.04 0.00	36.98 -0.11 0.00	35.14 -0.11 0.00	35.04 -0.04 0.00	34.79 -0.24 0.00	35.98 -0.18 0.00	43.23 -0.52 0.00	58.94 -0.71 0.00	69.91 -0.21 0.00	64.34 -0.26 0.00	57.03 -0.46 0.00	50.91 -0.25 0.00	49.41 0.49 0.00	45.04 0.71 0.00
ORANGEVILLE_WT_PWR 323706	36.48 -3.79 0.00	35.99 -2.30 0.00	34.98 -1.50 0.00	34.80 -1.60 0.00	35.23 -1.62 0.00	36.45 -1.28 0.00	43.16 -1.80 0.00	48.91 -3.01 0.00	50.36 -2.59 0.00	40.55 -1.60 0.00	36.42 -1.76 0.00	35.16 -1.93 0.00	33.52 -1.73 0.00	33.46 -1.61 0.00	33.04 -2.00 0.00	34.28 -1.88 0.00	40.74 -3.02 0.00	55.65 -4.00 0.00	66.54 -3.57 0.00	61.37 -3.23 0.00	54.22 -3.27 0.00	48.86 -2.30 0.00	47.99 -0.93 0.00	44.25 -0.09 0.00
ORANGEVILLE___ESR 323794	36.48 -3.79 0.00	35.99 -2.30 0.00	34.98 -1.50 0.00	34.80 -1.60 0.00	35.23 -1.62 0.00	36.45 -1.28 0.00	43.16 -1.80 0.00	48.91 -3.01 0.00	50.36 -2.59 0.00	40.55 -1.60 0.00	36.42 -1.76 0.00	35.16 -1.93 0.00	33.52 -1.73 0.00	33.46 -1.61 0.00	33.04 -2.00 0.00	34.28 -1.88 0.00	40.74 -3.02 0.00	55.65 -4.00 0.00	66.54 -3.57 0.00	61.37 -3.23 0.00	54.22 -3.27 0.00	48.86 -2.30 0.00	47.99 -0.93 0.00	44.25 -0.09 0.00
OSWEGATCHIE___HYD 24044	40.35 0.08 0.00	38.36 0.08 0.00	36.51 0.04 0.00	36.33 -0.07 0.00	36.89 0.04 0.00	37.77 0.04 0.00	45.14 0.18 0.00	52.39 0.47 0.00	53.37 0.42 0.00	42.07 -0.08 0.00	38.14 -0.04 0.00	37.24 0.15 0.00	35.29 0.04 0.00	34.97 -0.10 0.00	34.93 -0.10 0.00	36.13 -0.04 0.00	44.28 0.53 0.00	60.72 1.07 0.00	71.87 1.75 0.00	66.54 1.94 0.00	59.04 1.55 0.00	52.49 1.33 0.00	50.25 1.32 0.00	45.45 1.11 0.00
OSWEGO___5 23606	39.35 -0.92 0.00	37.55 -0.73 0.00	35.82 -0.66 0.00	35.71 -0.69 0.00	36.15 -0.70 0.00	36.94 -0.79 0.00	43.93 -1.03 0.00	50.73 -1.19 0.00	51.78 -1.17 0.00	41.31 -0.84 0.00	37.41 -0.76 0.00	36.31 -0.78 0.00	34.55 -0.70 0.00	34.41 -0.67 0.00	34.30 -0.74 0.00	35.40 -0.76 0.00	42.70 -1.05 0.00	58.16 -1.49 0.00	68.43 -1.68 0.00	63.05 -1.55 0.00	56.06 -1.44 0.00	49.94 -1.23 0.00	47.85 -1.08 0.00	43.36 -0.98 0.00
OSWEGO___6 23613	39.35 -0.92 0.00	37.55 -0.73 0.00	35.82 -0.66 0.00	35.71 -0.69 0.00	36.15 -0.70 0.00	36.94 -0.79 0.00	43.93 -1.03 0.00	50.73 -1.19 0.00	51.78 -1.17 0.00	41.31 -0.84 0.00	37.41 -0.76 0.00	36.31 -0.78 0.00	34.55 -0.70 0.00	34.41 -0.67 0.00	34.30 -0.74 0.00	35.40 -0.76 0.00	42.70 -1.05 0.00	58.16 -1.49 0.00	68.43 -1.68 0.00	63.05 -1.55 0.00	56.06 -1.44 0.00	49.94 -1.23 0.00	47.85 -1.08 0.00	43.36 -0.98 0.00

OUTOKUMPU-AB___DRP 24206	37.05 -3.22 0.00	36.56 -1.72 0.00	35.34 -1.13 0.00	35.24 -1.16 0.00	35.71 -1.14 0.00	36.72 -1.02 0.00	43.07 -1.89 0.00	48.86 -3.06 0.00	50.25 -2.70 0.00	40.55 -1.60 0.00	36.92 -1.26 0.00	35.67 -1.41 0.01	34.11 -1.13 0.01	33.88 -1.19 0.00	33.42 -1.61 0.01	34.75 -1.41 0.00	41.09 -2.67 0.00	55.24 -4.41 0.00	65.07 -5.05 0.00	60.14 -4.46 0.00	53.35 -4.14 0.00	48.56 -2.61 0.00	47.80 -1.13 0.00	44.25 -0.09 0.00
OXBOW___BTM 323836	36.85 -3.42 0.00	36.41 -1.87 0.00	35.27 -1.20 0.00	34.99 -1.42 0.00	35.45 -1.40 0.00	36.64 -1.10 0.00	43.11 -1.85 0.00	48.71 -3.22 0.00	50.14 -2.81 0.00	40.68 -1.48 0.00	36.69 -1.49 0.00	35.44 -1.63 0.01	33.90 -1.34 0.01	33.85 -1.23 0.00	33.31 -1.72 0.01	34.50 -1.66 0.00	40.78 -2.98 0.00	55.17 -4.47 0.00	65.49 -4.63 0.00	60.46 -4.14 0.00	53.30 -4.19 0.00	48.20 -2.97 0.00	47.50 -1.42 0.00	43.89 -0.44 0.00
OXBOW___ 24026	36.77 -3.50 0.00	36.25 -2.03 0.00	35.09 -1.39 0.00	34.99 -1.42 0.00	35.45 -1.40 0.00	36.42 -1.32 0.00	42.71 -2.25 0.00	48.45 -3.48 0.00	49.88 -3.07 0.00	40.22 -1.94 0.00	36.65 -1.53 0.00	35.41 -1.67 0.01	33.86 -1.37 0.01	33.64 -1.44 0.00	33.20 -1.82 0.01	34.50 -1.66 0.00	40.78 -2.98 0.00	54.76 -4.89 0.00	64.37 -5.75 0.00	59.56 -5.04 0.00	52.89 -4.60 0.00	48.09 -3.07 0.00	47.36 -1.57 0.00	43.85 -0.49 0.00
OXY_CHEM_DSASP 323612	36.36 -3.91 0.00	35.91 -2.37 0.00	34.76 -1.71 0.00	34.66 -1.75 0.00	35.12 -1.73 0.00	36.04 -1.70 0.00	42.31 -2.65 0.00	47.98 -3.95 0.00	49.35 -3.60 0.00	39.84 -2.32 0.00	36.31 -1.87 0.00	35.07 -2.00 0.02	33.54 -1.69 0.02	33.32 -1.75 0.00	32.88 -2.14 0.02	34.14 -2.03 0.00	40.34 -3.41 0.00	54.10 -5.55 0.00	63.53 -6.59 0.00	58.79 -5.81 0.00	52.20 -5.29 0.00	47.53 -3.63 0.00	46.82 -2.10 0.00	43.27 -1.06 0.00
OZONE_PARK_ESR 323760	43.37 3.10 0.00	40.85 2.56 0.00	38.70 2.22 0.00	38.70 2.29 0.00	39.10 2.25 0.00	40.30 2.57 0.00	48.02 3.06 0.00	55.51 3.58 0.00	56.44 3.49 0.00	45.36 3.20 0.00	41.35 3.17 0.00	40.20 3.12 0.00	38.42 3.17 0.00	38.30 3.23 0.00	38.05 3.01 0.00	39.06 2.89 0.00	47.17 3.41 0.00	63.59 3.94 0.00	74.82 4.70 0.00	68.67 4.07 0.00	61.40 3.91 0.00	54.64 3.48 0.00	51.86 2.94 0.00	46.78 2.44 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.36 -3.91 0.00	35.91 -2.37 0.00	34.76 -1.71 0.00	34.66 -1.75 0.00	35.12 -1.73 0.00	36.04 -1.70 0.00	42.31 -2.65 0.00	47.98 -3.95 0.00	49.35 -3.60 0.00	39.84 -2.32 0.00	36.31 -1.87 0.00	35.07 -2.00 0.02	33.54 -1.69 0.02	33.32 -1.75 0.00	32.88 -2.14 0.02	34.14 -2.03 0.00	40.34 -3.41 0.00	54.10 -5.55 0.00	63.53 -6.59 0.00	58.79 -5.81 0.00	52.20 -5.29 0.00	47.53 -3.63 0.00	46.82 -2.10 0.00	43.27 -1.06 0.00
PACKARD___115KV_DUPONT_184 80571	36.48 -3.79 0.00	36.06 -2.22 0.00	34.94 -1.53 0.00	34.69 -1.71 0.00	35.12 -1.73 0.00	36.26 -1.47 0.00	42.71 -2.25 0.00	48.19 -3.74 0.00	49.62 -3.33 0.00	40.26 -1.90 0.00	36.31 -1.87 0.00	35.10 -1.97 0.02	33.57 -1.66 0.02	33.50 -1.58 0.00	33.02 -2.00 0.02	34.17 -1.99 0.00	40.39 -3.37 0.00	54.46 -5.19 0.00	64.65 -5.47 0.00	59.69 -4.91 0.00	52.60 -4.89 0.00	47.58 -3.58 0.00	46.92 -2.01 0.00	43.36 -0.98 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.33 3.06 0.00	40.73 2.45 0.00	38.59 2.12 0.00	38.55 2.15 0.00	38.95 2.10 0.00	39.96 2.23 0.00	47.34 2.38 0.00	54.57 2.65 0.00	55.39 2.44 0.00	44.64 2.49 0.00	40.70 2.52 0.00	39.61 2.52 0.00	37.89 2.64 0.00	37.78 2.70 0.00	37.56 2.52 0.00	38.48 2.31 0.00	46.42 2.67 0.00	62.33 2.68 0.00	73.34 3.23 0.01	67.31 2.71 0.01	60.25 2.76 0.00	53.77 2.61 0.00	51.27 2.35 0.00	46.46 2.13 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.77 3.50 0.00	41.15 2.87 0.00	39.03 2.55 0.00	38.99 2.58 0.00	39.39 2.54 0.00	40.38 2.64 0.00	47.88 2.92 0.00	55.15 3.22 0.00	55.97 3.02 0.00	45.11 2.95 0.00	41.12 2.94 0.00	40.02 2.93 0.00	38.25 3.00 0.00	38.16 3.09 0.00	37.91 2.87 0.00	38.84 2.68 0.00	46.86 3.11 0.00	62.93 3.28 0.00	74.11 4.00 0.01	67.95 3.36 0.01	60.88 3.39 0.00	54.29 3.12 0.00	51.76 2.84 0.00	46.95 2.62 0.00
PATROON___115KV_TB1 80586	41.68 1.41 0.00	39.47 1.19 0.00	37.57 1.09 0.00	37.53 1.13 0.00	37.92 1.07 0.00	38.94 1.21 0.00	46.40 1.44 0.00	53.64 1.71 0.00	54.59 1.64 0.00	43.42 1.26 0.00	39.13 0.95 0.00	37.87 0.78 0.00	35.92 0.67 0.00	35.81 0.74 0.00	35.91 0.88 0.00	37.10 0.94 0.00	44.85 1.09 0.00	61.32 1.67 0.00	71.94 1.82 0.00	66.09 1.49 0.00	58.76 1.26 0.00	52.09 0.92 0.00	49.61 0.68 0.00	44.82 0.49 0.00
PATTRSNVILLE___SOLAR 323815	41.68 1.41 0.00	39.51 1.22 0.00	37.61 1.13 0.00	37.57 1.16 0.00	38.00 1.14 0.00	39.02 1.28 0.00	46.49 1.53 0.00	53.85 1.92 0.00	54.54 1.59 0.00	43.00 0.84 0.00	38.79 0.61 0.00	37.50 0.41 0.00	35.60 0.35 0.00	35.43 0.35 0.00	35.53 0.49 0.00	36.78 0.61 0.00	44.80 1.05 0.00	61.61 1.97 0.00	72.64 2.52 0.00	66.73 2.13 0.00	59.28 1.78 0.00	52.70 1.53 0.00	50.25 1.32 0.00	45.40 1.06 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.73 -3.54 0.00	36.14 -2.14 0.00	34.94 -1.53 0.00	34.84 -1.57 0.00	35.34 -1.51 0.00	36.38 -1.36 0.00	42.85 -2.11 0.00	48.81 -3.12 0.00	50.20 -2.75 0.00	40.43 -1.73 0.00	36.76 -1.41 0.00	35.49 -1.59 0.00	33.94 -1.30 0.00	33.71 -1.37 0.00	33.21 -1.82 0.00	34.54 -1.63 0.00	40.91 -2.84 0.00	55.24 -4.41 0.00	65.28 -4.84 0.00	60.27 -4.33 0.00	53.47 -4.02 0.00	48.56 -2.61 0.00	47.75 -1.17 0.00	43.94 -0.40 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.09 2.82 0.00	40.69 2.41 0.00	38.55 2.08 0.00	38.52 2.11 0.00	38.95 2.10 0.00	40.08 2.34 0.00	47.75 2.79 0.00	55.25 3.32 0.00	56.13 3.18 0.00	44.90 2.74 0.00	40.81 2.63 0.00	39.68 2.60 0.00	37.79 2.54 0.00	37.64 2.56 0.00	37.52 2.49 0.00	38.59 2.42 0.00	46.73 2.98 0.00	63.35 3.70 0.00	74.47 4.35 0.00	68.28 3.68 0.00	61.00 3.51 0.00	54.34 3.17 0.00	51.52 2.59 0.00	46.51 2.17 0.00
PEEKSKILL___ 23653	42.81 2.54 0.00	40.31 2.03 0.00	38.22 1.75 0.00	38.22 1.82 0.00	38.66 1.81 0.00	39.73 2.00 0.00	47.34 2.38 0.00	54.78 2.85 0.00	55.65 2.70 0.00	44.56 2.40 0.00	40.58 2.41 0.00	39.46 2.38 0.00	37.51 2.26 0.00	37.46 2.39 0.00	37.31 2.28 0.00	38.33 2.17 0.00	46.20 2.45 0.00	62.45 2.80 0.00	73.55 3.43 0.00	67.57 2.97 0.00	60.19 2.70 0.00	53.67 2.51 0.00	51.03 2.10 0.00	46.11 1.78 0.00
PGE MADISON___WINDPWR 24146	41.60 1.33 0.00	39.81 1.53 0.00	37.93 1.46 0.00	37.68 1.27 0.00	38.47 1.62 0.00	39.59 1.85 0.00	47.34 2.38 0.00	55.04 3.12 0.00	56.23 3.28 0.00	43.89 1.73 0.00	39.78 1.60 0.00	38.91 1.82 0.00	36.77 1.52 0.00	36.65 1.58 0.00	36.44 1.40 0.00	37.83 1.66 0.00	46.12 2.36 0.00	63.53 3.88 0.00	75.45 5.33 0.00	69.70 5.10 0.00	61.69 4.20 0.00	54.95 3.79 0.00	52.64 3.72 0.00	47.79 3.46 0.00

PIERCEFIELD___HYD 23852	40.47 0.20 0.00	38.51 0.23 0.00	36.62 0.15 0.00	36.51 0.11 0.00	37.04 0.18 0.00	37.92 0.19 0.00	45.45 0.49 0.00	52.65 0.73 0.00	53.74 0.79 0.00	42.45 0.30 0.00	38.52 0.34 0.00	37.72 0.63 0.00	35.74 0.49 0.00	35.32 0.25 0.00	35.32 0.28 0.00	36.49 0.33 0.00	44.59 0.83 0.00	61.14 1.49 0.00	72.15 2.03 0.00	66.73 2.13 0.00	59.50 2.01 0.00	52.75 1.59 0.00	50.64 1.71 0.00	45.80 1.46 0.00
PINELAWN_CC_1 323563	43.04 2.78 0.01	40.15 1.88 0.01	37.96 1.50 0.01	37.86 1.46 0.01	38.36 1.51 0.01	39.39 1.66 0.01	46.54 1.93 0.36	51.20 0.94 1.66	50.56 0.11 2.49	42.97 1.18 0.37	40.32 2.29 0.15	38.89 1.93 0.13	37.29 2.04 0.01	38.16 3.09 0.00	37.21 2.21 0.04	38.29 2.13 0.01	46.20 2.45 0.01	56.41 1.43 4.67	66.62 2.52 6.02	56.99 2.13 9.74	52.96 1.55 6.09	49.75 1.59 3.00	48.61 0.73 1.05	45.84 1.51 0.01
PJM_GEN_HTTP_PROXY 323702	43.05 2.78 0.00	40.50 2.22 0.00	38.41 1.93 0.00	38.41 2.00 0.00	38.84 1.99 0.00	39.92 2.19 0.00	47.57 2.61 0.00	55.09 3.17 0.00	56.02 3.07 0.00	44.86 2.70 0.00	40.93 2.75 0.00	39.79 2.71 0.00	37.86 2.61 0.00	37.81 2.74 0.00	37.63 2.59 0.00	38.66 2.49 0.00	46.56 2.80 0.00	62.75 3.10 0.00	73.83 3.71 0.00	67.96 3.36 0.00	60.54 3.04 0.00	53.93 2.76 0.00	51.27 2.35 0.00	46.38 2.04 0.00
PJM_GEN_KEystone 24065	39.83 -0.44 0.00	38.24 -0.04 0.00	36.62 0.15 0.00	36.51 0.11 0.00	36.96 0.11 0.00	38.07 0.34 0.00	45.23 0.27 0.00	51.82 -0.10 0.00	52.95 0.00 0.00	42.54 0.38 0.00	38.52 0.34 0.00	37.35 0.26 0.00	35.57 0.32 0.00	35.53 0.45 0.00	35.21 0.18 0.00	36.27 0.11 0.00	43.40 -0.35 0.00	58.76 -0.89 0.00	69.70 -0.42 0.00	64.08 -0.52 0.00	56.86 -0.63 0.00	50.91 -0.25 0.00	49.17 0.25 0.00	44.83 0.49 0.00
PJM_GEN_NEPTUNE_PROXY 323594	42.80 2.54 0.01	39.96 1.68 0.01	37.78 1.31 0.01	37.70 1.31 0.01	38.17 1.32 0.01	39.20 1.47 0.01	46.66 1.71 0.01	50.37 3.01 2.38	49.74 0.00 3.21	43.33 1.18 0.01	40.42 2.25 0.01	39.01 1.93 0.01	37.25 2.01 0.01	38.13 3.05 0.00	37.17 2.14 0.01	38.18 2.02 0.01	46.11 2.36 0.01	54.17 1.37 6.85	63.64 2.31 8.79	52.39 2.00 14.22	50.05 1.49 8.93	48.27 1.48 4.38	48.02 0.63 1.54	45.65 1.33 0.01
PJM_GEN_VFT_PROXY 323633	42.93 2.66 0.00	40.35 2.07 0.00	38.26 1.79 0.00	38.26 1.86 0.00	38.69 1.84 0.00	39.77 2.04 0.00	46.49 2.43 0.89	54.94 3.01 0.00	51.70 2.91 4.16	44.77 2.61 0.00	40.81 2.63 0.00	39.72 2.63 0.00	37.75 2.50 0.00	37.74 2.66 0.00	37.53 2.49 0.00	38.55 2.39 0.00	42.36 2.67 4.06	51.98 2.92 10.59	66.02 3.50 7.60	62.92 3.10 4.78	53.08 2.87 7.28	46.72 2.61 7.05	46.55 2.15 4.52	46.16 1.82 0.00
PLATSBURG_115KV_PMLD1 355749	39.38 -0.89 0.00	37.40 -0.88 0.00	35.60 -0.88 0.00	35.57 -0.84 0.00	36.04 -0.81 0.00	36.94 -0.79 0.00	44.28 -0.67 0.00	51.25 -0.68 0.00	52.37 -0.58 0.00	41.61 -0.55 0.00	37.76 -0.42 0.00	36.90 -0.19 0.00	35.07 -0.18 0.00	34.69 -0.39 0.00	34.72 -0.32 0.00	35.84 -0.33 0.00	43.76 0.00 0.00	60.07 0.42 0.00	70.82 0.70 0.00	65.57 0.97 0.00	58.64 1.15 0.00	52.03 0.87 0.00	50.00 1.08 0.00	45.31 0.98 0.00
PLEASANTVLY___LBMP 24000	42.57 2.30 0.00	40.16 1.88 0.00	38.08 1.60 0.00	38.08 1.67 0.00	38.47 1.62 0.00	39.62 1.89 0.00	47.21 2.25 0.00	54.52 2.60 0.00	55.44 2.49 0.00	44.43 2.28 0.00	40.39 2.21 0.00	39.24 2.15 0.00	37.40 2.15 0.00	37.32 2.24 0.00	37.14 2.10 0.00	38.15 1.99 0.00	46.12 2.36 0.00	62.39 2.74 0.00	73.41 3.30 0.00	67.38 2.78 0.00	60.14 2.64 0.00	53.57 2.40 0.00	50.83 1.91 0.00	45.89 1.55 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	42.93 2.66 0.00	40.46 2.18 0.00	38.37 1.90 0.00	38.33 1.93 0.00	38.77 1.92 0.00	39.92 2.19 0.00	47.52 2.56 0.00	54.89 2.96 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.77 2.60 0.00	39.65 2.56 0.00	37.82 2.57 0.00	37.71 2.63 0.00	37.52 2.49 0.00	38.51 2.35 0.00	46.56 2.80 0.00	62.87 3.22 0.00	73.97 3.86 0.00	67.96 3.36 0.00	60.60 3.10 0.00	54.03 2.87 0.00	51.22 2.30 0.00	46.24 1.91 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	42.93 2.66 0.00	40.46 2.18 0.00	38.37 1.90 0.00	38.33 1.93 0.00	38.77 1.92 0.00	39.92 2.19 0.00	47.52 2.56 0.00	54.89 2.96 0.00	55.86 2.91 0.00	44.77 2.61 0.00	40.77 2.60 0.00	39.65 2.56 0.00	37.82 2.57 0.00	37.71 2.63 0.00	37.52 2.49 0.00	38.51 2.35 0.00	46.56 2.80 0.00	62.87 3.22 0.00	73.97 3.86 0.00	67.96 3.36 0.00	60.60 3.10 0.00	54.03 2.87 0.00	51.22 2.30 0.00	46.24 1.91 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.73 2.46 0.00	40.31 2.03 0.00	38.22 1.75 0.00	38.23 1.82 0.00	38.62 1.77 0.00	39.74 2.00 0.00	47.39 2.43 0.00	54.78 2.86 0.00	55.70 2.75 0.00	44.56 2.40 0.00	40.47 2.29 0.00	39.28 2.19 0.00	37.44 2.19 0.00	37.32 2.24 0.00	37.17 2.14 0.00	38.26 2.10 0.00	46.29 2.54 0.00	62.81 3.16 0.00	73.83 3.72 0.00	67.83 3.23 0.00	60.48 2.99 0.00	53.88 2.71 0.00	51.13 2.20 0.00	46.15 1.82 0.00
POLETTI____ 23519	43.45 3.18 0.00	40.81 2.53 0.00	38.66 2.19 0.00	38.63 2.22 0.00	39.03 2.17 0.00	40.04 2.30 0.00	47.43 2.47 0.00	54.63 2.70 0.00	55.44 2.49 0.00	44.69 2.53 0.00	40.81 2.63 0.00	39.72 2.63 0.00	38.00 2.75 0.00	37.92 2.84 0.00	37.67 2.63 0.00	38.59 2.42 0.00	46.51 2.76 0.00	62.39 2.74 0.00	73.48 3.37 0.01	67.44 2.84 0.01	60.31 2.82 0.00	53.83 2.66 0.00	51.37 2.45 0.00	46.55 2.22 0.00
POMONA___ESR 323819	42.85 2.58 0.00	40.35 2.07 0.00	38.30 1.82 0.00	38.26 1.86 0.00	38.73 1.88 0.00	39.77 2.04 0.00	47.43 2.47 0.00	54.88 2.96 0.00	55.75 2.80 0.00	44.64 2.49 0.00	40.62 2.45 0.00	39.50 2.41 0.00	37.54 2.29 0.00	37.49 2.42 0.00	37.35 2.31 0.00	38.37 2.21 0.00	46.29 2.54 0.00	62.57 2.92 0.00	73.69 3.57 0.00	67.70 3.10 0.00	60.31 2.82 0.00	53.77 2.61 0.00	51.13 2.20 0.00	46.20 1.86 0.00
PORT_JEFF_3 23555	42.60 2.33 0.01	39.65 1.38 0.01	37.52 1.06 0.01	37.41 1.02 0.01	37.91 1.07 0.01	39.09 1.36 0.01	37.11 1.35 9.20	49.06 0.26 3.13	41.48 -0.63 10.84	33.40 0.72 9.47	36.18 1.83 3.83	35.30 1.52 3.31	36.87 1.62 0.01	37.85 2.77 0.00	35.95 1.79 0.88	37.89 1.74 0.01	45.67 1.92 0.01	54.35 0.83 6.13	64.06 1.82 7.88	53.40 1.55 12.74	50.53 1.04 8.00	48.41 1.18 3.93	47.74 0.20 1.38	45.26 0.93 0.01
PORT_JEFF_4 23616	42.60 2.33 0.01	39.65 1.38 0.01	37.52 1.06 0.01	37.41 1.02 0.01	37.91 1.07 0.01	39.09 1.36 0.01	37.11 1.35 9.20	49.06 0.26 3.13	41.48 -0.63 10.84	33.40 0.72 9.47	36.18 1.83 3.83	35.30 1.52 3.31	36.87 1.62 0.01	37.85 2.77 0.00	35.95 1.79 0.88	37.89 1.74 0.01	45.67 1.92 0.01	54.35 0.83 6.13	64.06 1.82 7.88	53.40 1.55 12.74	50.53 1.04 8.00	48.41 1.18 3.93	47.74 0.20 1.38	45.26 0.93 0.01

PORT_JEFF_IC 23713	42.64 2.38 0.01	39.81 1.53 0.01	37.60 1.13 0.01	37.45 1.06 0.01	37.84 0.99 0.01	39.31 1.58 0.01	36.79 1.53 9.70	48.35 -0.42 3.16	40.92 -0.79 11.24	33.06 0.89 9.98	36.08 1.95 4.04	35.23 1.63 3.49	37.25 2.01 0.01	38.02 2.95 0.00	36.00 1.89 0.93	37.97 1.81 0.01	46.02 2.28 0.01	54.53 0.95 6.07	64.57 2.24 7.80	53.79 1.81 12.62	51.07 1.49 7.92	48.76 1.48 3.89	47.85 0.29 1.36	45.35 1.02 0.01
PPL PILGRIM_ST_GT1 24216	43.24 2.98 0.01	40.30 2.03 0.01	38.11 1.64 0.01	38.00 1.60 0.01	38.50 1.66 0.01	39.62 1.89 0.01	46.36 2.20 0.80	50.77 0.94 2.09	49.88 0.32 3.39	42.68 1.35 0.82	40.32 2.48 0.34	38.87 2.08 0.29	37.39 2.15 0.01	38.27 3.19 0.00	37.30 2.35 0.08	38.40 2.24 0.01	46.28 2.54 0.01	54.96 1.07 5.76	64.81 2.10 7.41	54.30 1.68 11.98	51.07 1.09 7.51	48.65 1.18 3.69	47.98 0.34 1.29	45.97 1.64 0.01
PPL PILGRIM_ST_GT2 24217	43.24 2.98 0.01	40.30 2.03 0.01	38.11 1.64 0.01	38.00 1.60 0.01	38.50 1.66 0.01	39.62 1.89 0.01	46.36 2.20 0.80	50.77 0.94 2.09	49.88 0.32 3.39	42.68 1.35 0.82	40.32 2.48 0.34	38.87 2.08 0.29	37.39 2.15 0.01	38.27 3.19 0.00	37.30 2.35 0.08	38.40 2.24 0.01	46.28 2.54 0.01	54.96 1.07 5.76	64.81 2.10 7.41	54.30 1.68 11.98	51.07 1.09 7.51	48.65 1.18 3.69	47.98 0.34 1.29	45.97 1.64 0.01
PPL_SHRM_GT3 24213	41.91 1.65 0.01	39.00 0.73 0.01	36.87 0.40 0.01	36.76 0.36 0.01	37.25 0.41 0.01	38.63 0.90 0.01	36.32 0.50 9.14	48.14 -0.68 3.11	40.54 -1.64 10.77	32.71 -0.04 9.41	35.48 1.11 3.81	34.69 0.89 3.29	36.23 0.99 0.01	37.35 2.28 0.00	35.25 1.09 0.87	37.21 1.05 0.01	44.88 1.14 0.01	53.43 -0.12 6.11	63.05 0.77 7.84	52.50 0.58 12.68	49.76 0.23 7.96	47.66 0.41 3.91	46.97 -0.58 1.37	44.51 0.18 0.01
PPL_SHRM_GT4 24214	41.91 1.65 0.01	39.00 0.73 0.01	36.87 0.40 0.01	36.76 0.36 0.01	37.25 0.41 0.01	38.63 0.90 0.01	36.32 0.50 9.14	48.14 -0.68 3.11	40.54 -1.64 10.77	32.71 -0.04 9.41	35.48 1.11 3.81	34.69 0.89 3.29	36.23 0.99 0.01	37.35 2.28 0.00	35.25 1.09 0.87	37.21 1.05 0.01	44.88 1.14 0.01	53.43 -0.12 6.11	63.05 0.77 7.84	52.50 0.58 12.68	49.76 0.23 7.96	47.66 0.41 3.91	46.97 -0.58 1.37	44.51 0.18 0.01
PROJECT___ORANGE 1 24174	39.83 -0.44 0.00	38.01 -0.27 0.00	36.25 -0.22 0.00	36.19 -0.22 0.00	36.63 -0.22 0.00	37.43 -0.30 0.00	44.51 -0.45 0.00	51.35 -0.57 0.00	52.47 -0.48 0.00	41.86 -0.30 0.00	37.95 -0.23 0.00	36.83 -0.26 0.00	35.04 -0.21 0.00	34.90 -0.18 0.00	34.76 -0.28 0.00	35.87 -0.29 0.00	43.27 -0.48 0.00	58.87 -0.78 0.00	69.28 -0.84 0.00	63.76 -0.84 0.00	56.69 -0.80 0.00	50.55 -0.61 0.00	48.43 -0.49 0.00	43.89 -0.44 0.00
PROJECT___ORANGE 2 24166	39.83 -0.44 0.00	38.01 -0.27 0.00	36.25 -0.22 0.00	36.19 -0.22 0.00	36.63 -0.22 0.00	37.43 -0.30 0.00	44.51 -0.45 0.00	51.35 -0.57 0.00	52.47 -0.48 0.00	41.86 -0.30 0.00	37.95 -0.23 0.00	36.83 -0.26 0.00	35.04 -0.21 0.00	34.90 -0.18 0.00	34.76 -0.28 0.00	35.87 -0.29 0.00	43.27 -0.48 0.00	58.87 -0.78 0.00	69.28 -0.84 0.00	63.76 -0.84 0.00	56.69 -0.80 0.00	50.55 -0.61 0.00	48.43 -0.49 0.00	43.89 -0.44 0.00
PUCKETT___SOLAR 323809	40.76 0.48 0.00	38.93 0.65 0.00	37.16 0.69 0.00	37.02 0.62 0.00	37.55 0.70 0.00	38.57 0.83 0.00	45.95 0.99 0.00	53.02 1.09 0.00	54.17 1.22 0.00	42.96 0.80 0.00	38.83 0.65 0.00	37.72 0.63 0.00	35.81 0.56 0.00	35.71 0.63 0.00	35.56 0.53 0.00	36.74 0.58 0.00	44.41 0.66 0.00	60.78 1.13 0.00	71.87 1.75 0.00	66.15 1.55 0.00	58.75 1.26 0.00	52.29 1.12 0.00	50.15 1.22 0.00	45.58 1.24 0.00
PYRITES___HYD 24023	40.99 0.72 0.00	39.01 0.73 0.00	37.09 0.62 0.00	36.95 0.55 0.00	37.51 0.66 0.00	38.45 0.72 0.00	46.08 1.12 0.00	53.43 1.51 0.00	54.43 1.48 0.00	42.83 0.67 0.00	38.79 0.61 0.00	37.98 0.89 0.00	35.92 0.67 0.00	35.53 0.46 0.00	35.53 0.49 0.00	36.74 0.58 0.00	44.98 1.23 0.00	61.92 2.27 0.00	73.20 3.09 0.00	67.83 3.23 0.00	60.42 2.93 0.00	53.57 2.40 0.00	51.37 2.45 0.00	46.46 2.13 0.00
QUAKERRD_115KV_BK1 80622	38.06 -2.21 0.00	36.83 -1.45 0.00	35.34 -1.13 0.00	35.17 -1.24 0.00	35.64 -1.22 0.00	36.49 -1.25 0.00	43.25 -1.71 0.00	49.64 -2.28 0.00	50.94 -2.01 0.00	40.81 -1.35 0.00	37.11 -1.07 0.00	35.94 -1.15 0.00	34.23 -1.02 0.00	33.99 -1.09 0.00	33.78 -1.26 0.00	34.97 -1.19 0.00	41.92 -1.84 0.00	56.73 -2.92 0.00	66.75 -3.37 0.00	61.56 -3.04 0.00	54.56 -2.93 0.00	49.12 -2.05 0.00	47.51 -1.42 0.00	43.36 -0.98 0.00
QUENSBRY_115KV_TB8 356137	41.80 1.53 0.00	39.55 1.26 0.00	37.60 1.13 0.00	37.61 1.20 0.00	38.03 1.18 0.00	39.09 1.36 0.00	46.49 1.53 0.00	53.80 1.87 0.00	54.64 1.69 0.00	43.34 1.18 0.00	38.90 0.73 0.00	37.42 0.33 0.00	35.43 0.18 0.00	35.25 0.18 0.00	35.42 0.39 0.00	36.63 0.47 0.00	44.76 1.01 0.00	61.62 1.97 0.00	72.71 2.59 0.00	66.60 2.00 0.00	59.27 1.78 0.00	52.49 1.33 0.00	50.10 1.17 0.00	45.31 0.98 0.00
RAMAPO___LBMP 323565	42.77 2.50 0.00	40.31 2.03 0.00	38.26 1.79 0.00	38.23 1.82 0.00	38.66 1.81 0.00	39.77 2.04 0.00	47.43 2.47 0.00	54.78 2.86 0.00	55.65 2.70 0.00	44.64 2.49 0.00	40.62 2.44 0.00	39.46 2.37 0.00	37.65 2.40 0.00	37.53 2.46 0.00	37.35 2.31 0.00	38.33 2.17 0.00	46.34 2.58 0.00	62.63 2.98 0.00	73.76 3.65 0.00	67.70 3.10 0.00	60.37 2.87 0.00	53.83 2.66 0.00	51.13 2.20 0.00	46.11 1.77 0.00
RANKINE____ 23646	37.01 -3.26 0.00	36.45 -1.84 0.00	35.27 -1.20 0.00	35.17 -1.24 0.00	35.67 -1.18 0.00	36.72 -1.02 0.00	43.16 -1.80 0.00	49.07 -2.86 0.00	50.46 -2.49 0.00	40.68 -1.48 0.00	37.03 -1.15 0.00	35.75 -1.34 0.00	34.19 -1.06 0.00	33.95 -1.12 0.00	33.49 -1.54 0.00	34.79 -1.37 0.00	41.22 -2.54 0.00	55.53 -4.12 0.00	65.56 -4.56 0.00	60.60 -4.01 0.00	53.75 -3.74 0.00	48.86 -2.30 0.00	48.09 -0.83 0.00	44.38 0.04 0.00
RAVENSWOOD_GT2_1 24244	43.09 2.82 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.88 2.03 0.00	40.04 2.30 0.00	47.70 2.74 0.00	55.09 3.17 0.00	56.02 3.07 0.00	45.02 2.87 0.00	41.00 2.83 0.00	39.87 2.78 0.00	38.11 2.86 0.00	38.02 2.95 0.00	37.77 2.73 0.00	38.73 2.57 0.00	46.77 3.02 0.00	63.05 3.40 0.00	74.11 4.00 0.00	68.09 3.49 0.00	60.83 3.33 0.00	54.18 3.02 0.00	51.47 2.54 0.00	46.42 2.08 0.00
RAVENSWOOD_GT2_2 24245	43.09 2.82 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.88 2.03 0.00	40.04 2.30 0.00	47.70 2.74 0.00	55.09 3.17 0.00	56.02 3.07 0.00	45.02 2.87 0.00	41.00 2.83 0.00	39.87 2.78 0.00	38.11 2.86 0.00	38.02 2.95 0.00	37.77 2.73 0.00	38.73 2.57 0.00	46.77 3.02 0.00	63.05 3.40 0.00	74.11 4.00 0.00	68.09 3.49 0.00	60.83 3.33 0.00	54.18 3.02 0.00	51.47 2.54 0.00	46.42 2.08 0.00

RAVENSWOOD_GT2_3 24246	43.13 2.86 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.88 2.03 0.00	40.08 2.34 0.00	47.70 2.74 0.00	55.15 3.22 0.00	56.02 3.07 0.00	45.02 2.87 0.00	41.04 2.86 0.00	39.91 2.82 0.00	38.11 2.86 0.00	38.02 2.95 0.00	37.77 2.73 0.00	38.73 2.57 0.00	46.77 3.02 0.00	63.05 3.40 0.00	74.19 4.07 0.00	68.09 3.49 0.00	60.88 3.39 0.00	54.23 3.07 0.00	51.47 2.54 0.00	46.46 2.13 0.00
RAVENSWOOD_GT2_4 24247	43.13 2.86 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.88 2.03 0.00	40.08 2.34 0.00	47.70 2.74 0.00	55.15 3.22 0.00	56.02 3.07 0.00	45.02 2.87 0.00	41.04 2.86 0.00	39.91 2.82 0.00	38.11 2.86 0.00	38.02 2.95 0.00	37.77 2.73 0.00	38.73 2.57 0.00	46.77 3.02 0.00	63.05 3.40 0.00	74.19 4.07 0.00	68.09 3.49 0.00	60.88 3.39 0.00	54.23 3.07 0.00	51.47 2.54 0.00	46.46 2.13 0.00
RAVENSWOOD_GT3_1 24248	43.13 2.86 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.88 2.03 0.00	40.08 2.34 0.00	47.70 2.74 0.00	55.09 3.17 0.00	56.02 3.07 0.00	45.02 2.87 0.00	41.00 2.83 0.00	39.91 2.82 0.00	38.11 2.86 0.00	38.02 2.95 0.00	37.77 2.73 0.00	38.73 2.57 0.00	46.77 3.02 0.00	63.05 3.40 0.00	74.11 4.00 0.00	68.09 3.49 0.00	60.83 3.33 0.00	54.18 3.02 0.00	51.47 2.54 0.00	46.46 2.13 0.00
RAVENSWOOD_GT3_2 24249	43.13 2.86 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.88 2.03 0.00	40.08 2.34 0.00	47.70 2.74 0.00	55.09 3.17 0.00	56.02 3.07 0.00	45.02 2.87 0.00	41.00 2.83 0.00	39.91 2.82 0.00	38.11 2.86 0.00	38.02 2.95 0.00	37.77 2.73 0.00	38.73 2.57 0.00	46.77 3.02 0.00	63.05 3.40 0.00	74.11 4.00 0.00	68.09 3.49 0.00	60.83 3.33 0.00	54.18 3.02 0.00	51.47 2.54 0.00	46.46 2.13 0.00
RAVENSWOOD_GT3_3 24250	43.17 2.90 0.00	40.62 2.34 0.00	38.52 2.04 0.00	38.52 2.11 0.00	38.92 2.06 0.00	40.11 2.38 0.00	47.75 2.79 0.00	55.15 3.22 0.00	56.07 3.12 0.00	45.07 2.91 0.00	41.08 2.90 0.00	39.94 2.86 0.00	38.14 2.89 0.00	38.06 2.98 0.00	37.81 2.77 0.00	38.77 2.60 0.00	46.82 3.06 0.00	63.11 3.46 0.00	74.26 4.14 0.00	68.15 3.55 0.00	60.94 3.45 0.00	54.29 3.12 0.00	51.52 2.59 0.00	46.51 2.17 0.00
RAVENSWOOD_GT3_4 24251	43.17 2.90 0.00	40.62 2.34 0.00	38.52 2.04 0.00	38.52 2.11 0.00	38.92 2.06 0.00	40.11 2.38 0.00	47.75 2.79 0.00	55.15 3.22 0.00	56.07 3.12 0.00	45.07 2.91 0.00	41.08 2.90 0.00	39.94 2.86 0.00	38.14 2.89 0.00	38.06 2.98 0.00	37.81 2.77 0.00	38.77 2.60 0.00	46.82 3.06 0.00	63.11 3.46 0.00	74.26 4.14 0.00	68.15 3.55 0.00	60.94 3.45 0.00	54.29 3.12 0.00	51.52 2.59 0.00	46.51 2.17 0.00
RAVENSWOOD_GT_1 23729	43.25 2.98 0.00	40.69 2.41 0.00	38.55 2.08 0.00	38.55 2.15 0.00	38.95 2.10 0.00	40.08 2.34 0.00	47.61 2.65 0.00	54.94 3.01 0.00	55.81 2.86 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.87 2.78 0.00	38.11 2.86 0.00	38.02 2.95 0.00	37.77 2.73 0.00	38.73 2.57 0.00	46.73 2.98 0.00	62.81 3.16 0.00	73.83 3.72 0.01	67.76 3.17 0.01	60.71 3.22 0.00	54.13 2.97 0.00	51.47 2.54 0.00	46.51 2.17 0.00
RAVENSWOOD_GT_10 24258	43.09 2.82 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.88 2.03 0.00	40.08 2.34 0.00	47.70 2.74 0.00	55.15 3.22 0.00	56.02 3.07 0.00	45.02 2.87 0.00	41.04 2.86 0.00	39.91 2.82 0.00	38.11 2.86 0.00	38.02 2.95 0.00	37.77 2.73 0.00	38.73 2.57 0.00	46.77 3.02 0.00	63.05 3.40 0.00	74.18 4.07 0.00	68.09 3.49 0.00	60.88 3.39 0.00	54.23 3.07 0.00	51.47 2.54 0.00	46.46 2.13 0.00
RAVENSWOOD_GT_11 24259	43.09 2.82 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.88 2.03 0.00	40.08 2.34 0.00	47.70 2.74 0.00	55.15 3.22 0.00	56.02 3.07 0.00	45.02 2.87 0.00	41.04 2.86 0.00	39.91 2.82 0.00	38.11 2.86 0.00	38.02 2.95 0.00	37.77 2.73 0.00	38.73 2.57 0.00	46.77 3.02 0.00	63.05 3.40 0.00	74.18 4.07 0.00	68.09 3.49 0.00	60.88 3.39 0.00	54.23 3.07 0.00	51.47 2.54 0.00	46.46 2.13 0.00
RAVENSWOOD_GT_4 24252	43.13 2.86 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.88 2.03 0.00	40.04 2.30 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.92 2.97 0.00	44.98 2.82 0.00	40.96 2.79 0.00	39.87 2.78 0.00	38.07 2.82 0.00	37.99 2.91 0.00	37.74 2.70 0.00	38.70 2.53 0.00	46.73 2.98 0.00	62.93 3.28 0.00	74.05 3.93 -0.01	67.97 3.36 -0.01	60.77 3.28 0.00	54.13 2.97 0.00	51.42 2.50 0.00	46.46 2.13 0.00
RAVENSWOOD_GT_5 24254	43.13 2.86 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.88 2.03 0.00	40.04 2.30 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.92 2.97 0.00	44.98 2.82 0.00	40.96 2.79 0.00	39.87 2.78 0.00	38.07 2.82 0.00	37.99 2.91 0.00	37.74 2.70 0.00	38.70 2.53 0.00	46.73 2.98 0.00	62.93 3.28 0.00	74.05 3.93 -0.01	67.97 3.36 -0.01	60.77 3.28 0.00	54.13 2.97 0.00	51.42 2.50 0.00	46.46 2.13 0.00
RAVENSWOOD_GT_6 24253	43.13 2.86 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.88 2.03 0.00	40.04 2.30 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.92 2.97 0.00	44.98 2.82 0.00	40.96 2.79 0.00	39.87 2.78 0.00	38.07 2.82 0.00	37.99 2.91 0.00	37.74 2.70 0.00	38.70 2.53 0.00	46.73 2.98 0.00	62.93 3.28 0.00	74.05 3.93 -0.01	67.97 3.36 -0.01	60.77 3.28 0.00	54.13 2.97 0.00	51.42 2.50 0.00	46.46 2.13 0.00
RAVENSWOOD_GT_7 24255	43.13 2.86 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.88 2.03 0.00	40.04 2.30 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.92 2.97 0.00	44.98 2.82 0.00	40.96 2.79 0.00	39.87 2.78 0.00	38.07 2.82 0.00	37.99 2.91 0.00	37.74 2.70 0.00	38.70 2.53 0.00	46.73 2.98 0.00	62.93 3.28 0.00	74.05 3.93 -0.01	67.97 3.36 -0.01	60.77 3.28 0.00	54.13 2.97 0.00	51.42 2.50 0.00	46.46 2.13 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.09 2.82 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.88 2.03 0.00	40.08 2.34 0.00	47.70 2.74 0.00	55.15 3.22 0.00	56.02 3.07 0.00	45.02 2.87 0.00	41.04 2.86 0.00	39.91 2.82 0.00	38.11 2.86 0.00	38.02 2.95 0.00	37.77 2.73 0.00	38.73 2.57 0.00	46.77 3.02 0.00	63.05 3.40 0.00	74.18 4.07 0.00	68.09 3.49 0.00	60.88 3.39 0.00	54.23 3.07 0.00	51.47 2.54 0.00	46.46 2.13 0.00
RAVENSWOOD_GT_9 24257	43.09 2.82 0.00	40.58 2.30 0.00	38.48 2.01 0.00	38.48 2.08 0.00	38.88 2.03 0.00	40.08 2.34 0.00	47.70 2.74 0.00	55.15 3.22 0.00	56.02 3.07 0.00	45.02 2.87 0.00	41.04 2.86 0.00	39.91 2.82 0.00	38.11 2.86 0.00	38.02 2.95 0.00	37.77 2.73 0.00	38.73 2.57 0.00	46.77 3.02 0.00	63.05 3.40 0.00	74.18 4.07 0.00	68.09 3.49 0.00	60.88 3.39 0.00	54.23 3.07 0.00	51.47 2.54 0.00	46.46 2.13 0.00

RAVENSWOOD___1 23533	43.21 2.94 0.00	40.62 2.34 0.00	38.51 2.04 0.00	38.48 2.07 0.00	38.91 2.06 0.00	39.92 2.19 0.00	47.47 2.52 0.00	54.88 2.96 0.00	55.81 2.86 0.00	44.73 2.57 0.00	40.85 2.67 0.00	39.76 2.67 0.00	37.82 2.57 0.00	37.81 2.74 0.00	37.63 2.59 0.00	38.62 2.46 0.00	46.47 2.71 0.00	62.51 2.86 0.00	73.48 3.37 0.01	67.57 2.97 0.01	60.31 2.82 0.00	53.82 2.66 0.00	51.22 2.30 0.00	46.46 2.13 0.00
RAVENSWOOD___2 23534	43.17 2.90 0.00	40.58 2.30 0.00	38.51 2.04 0.00	38.48 2.07 0.00	38.91 2.06 0.00	39.92 2.19 0.00	47.47 2.52 0.00	54.88 2.96 0.00	55.81 2.86 0.00	44.73 2.57 0.00	40.81 2.63 0.00	39.76 2.67 0.00	37.82 2.57 0.00	37.81 2.74 0.00	37.63 2.59 0.00	38.62 2.46 0.00	46.47 2.71 0.00	62.51 2.86 0.00	73.48 3.37 0.01	67.57 2.97 0.01	60.31 2.82 0.00	53.77 2.61 0.00	51.22 2.30 0.00	46.42 2.08 0.00
RAVENSWOOD___3 23535	43.09 2.82 0.00	40.54 2.26 0.00	38.44 1.97 0.00	38.41 2.00 0.00	38.88 2.03 0.00	39.92 2.19 0.00	47.61 2.65 0.00	55.09 3.17 0.00	56.02 3.07 0.00	44.90 2.74 0.00	40.93 2.75 0.00	39.79 2.71 0.00	37.86 2.61 0.00	37.85 2.77 0.00	37.67 2.63 0.00	38.66 2.49 0.00	46.56 2.80 0.00	62.75 3.10 0.00	73.83 3.71 0.00	67.89 3.29 0.00	60.54 3.04 0.00	53.98 2.81 0.00	51.32 2.40 0.00	46.42 2.08 0.00
RAVENSWOOD___4 23820	43.17 2.90 0.00	40.58 2.30 0.00	38.48 2.00 0.00	38.44 2.04 0.00	38.91 2.06 0.00	39.92 2.19 0.00	47.47 2.52 0.00	54.88 2.96 0.00	55.75 2.80 0.00	44.73 2.57 0.00	40.81 2.63 0.00	39.72 2.63 0.00	37.82 2.57 0.00	37.78 2.70 0.00	37.63 2.59 0.00	38.62 2.46 0.00	46.47 2.71 0.00	62.51 2.86 0.00	73.47 3.37 0.01	67.57 2.97 0.01	60.31 2.82 0.00	53.77 2.61 0.00	51.22 2.30 0.00	46.42 2.08 0.00
RCPL_TRUST___DRP 24196	43.13 2.86 0.00	40.62 2.34 0.00	38.52 2.04 0.00	38.48 2.08 0.00	38.92 2.06 0.00	40.11 2.38 0.00	47.75 2.79 0.00	55.20 3.27 0.00	56.13 3.18 0.00	45.11 2.95 0.00	41.08 2.90 0.00	39.94 2.86 0.00	38.14 2.89 0.00	38.06 2.98 0.00	37.81 2.77 0.00	38.77 2.60 0.00	46.82 3.06 0.00	63.11 3.46 0.00	74.26 4.14 0.00	68.22 3.62 0.00	60.94 3.45 0.00	54.29 3.12 0.00	51.47 2.54 0.00	46.46 2.13 0.00
RED___ROCHESTER 323720	38.90 -1.37 0.00	37.83 -0.46 0.00	36.40 -0.07 0.00	36.11 -0.29 0.00	36.56 -0.30 0.00	37.62 -0.11 0.00	44.60 -0.36 0.00	50.94 -0.99 0.00	52.37 -0.58 0.00	42.16 0.00 0.00	38.14 -0.04 0.00	36.94 -0.15 0.00	35.18 -0.07 0.00	35.04 -0.04 0.00	34.72 -0.32 0.00	35.91 -0.25 0.00	42.97 -0.79 0.00	58.34 -1.31 0.00	69.07 -1.05 0.00	63.63 -0.97 0.00	56.17 -1.32 0.00	50.50 -0.67 0.00	49.02 0.10 0.00	44.83 0.49 0.00
REGAN___SOLAR 323812	42.40 2.13 0.00	40.16 1.88 0.00	38.19 1.71 0.00	38.19 1.78 0.00	38.62 1.77 0.00	39.73 2.00 0.00	47.38 2.43 0.00	54.94 3.01 0.00	55.44 2.49 0.00	43.30 1.14 0.00	38.67 0.50 0.00	37.24 0.15 0.00	35.25 0.00 0.00	35.11 0.04 0.00	35.32 0.28 0.00	36.78 0.61 0.00	45.33 1.57 0.00	62.93 3.28 0.00	74.54 4.42 0.00	68.35 3.75 0.00	60.59 3.10 0.00	53.82 2.66 0.00	51.37 2.45 0.00	46.33 2.00 0.00
RENSSELAER___COGEN 23796	41.48 1.21 0.00	39.24 0.96 0.00	37.39 0.91 0.00	37.35 0.94 0.00	37.77 0.92 0.00	38.76 1.02 0.00	46.08 1.12 0.00	53.33 1.40 0.00	54.27 1.32 0.00	43.13 0.97 0.00	38.94 0.76 0.00	37.68 0.59 0.00	35.81 0.56 0.00	35.63 0.56 0.00	35.74 0.70 0.00	36.92 0.76 0.00	44.72 0.96 0.00	60.96 1.31 0.00	71.38 1.26 0.00	65.63 1.03 0.00	58.35 0.86 0.00	51.88 0.72 0.00	49.36 0.44 0.00	44.60 0.27 0.00
REPUBLIC_115KV_BARTNBK 55605	43.33 3.06 0.00	41.00 2.72 0.00	38.95 2.48 0.00	39.03 2.62 0.00	39.43 2.58 0.00	40.60 2.87 0.00	48.29 3.33 0.00	56.03 4.10 0.00	56.66 3.71 0.00	44.90 2.74 0.00	40.16 1.99 0.00	38.42 1.34 0.00	36.31 1.06 0.00	36.06 0.98 0.00	36.26 1.23 0.00	37.57 1.41 0.00	46.25 2.49 0.00	64.12 4.47 0.00	76.15 6.03 0.00	69.64 5.04 0.00	61.75 4.25 0.00	54.69 3.53 0.00	52.25 3.33 0.00	47.17 2.84 0.00
REVERE_CPPR_DRP 24186	41.32 1.05 0.00	39.32 1.03 0.00	37.46 0.98 0.00	37.24 0.84 0.00	37.88 1.03 0.00	38.83 1.09 0.00	46.31 1.35 0.00	53.64 1.71 0.00	54.70 1.75 0.00	43.08 0.93 0.00	39.02 0.84 0.00	37.98 0.89 0.00	35.96 0.70 0.00	35.85 0.77 0.00	35.74 0.70 0.00	36.96 0.80 0.00	44.98 1.23 0.00	61.38 1.73 0.00	72.50 2.38 0.00	66.86 2.26 0.00	59.22 1.72 0.00	52.80 1.64 0.00	50.44 1.52 0.00	45.71 1.37 0.00
REYNLDPA_13_KV_LD 356490	40.23 -0.04 0.00	38.24 -0.04 0.00	36.40 -0.07 0.00	36.37 -0.04 0.00	36.81 -0.04 0.00	37.70 -0.04 0.00	45.09 0.14 0.00	52.19 0.26 0.00	53.27 0.32 0.00	42.28 0.13 0.00	38.37 0.19 0.00	37.54 0.45 0.00	35.60 0.35 0.00	35.25 0.18 0.00	35.25 0.21 0.00	36.35 0.18 0.00	44.19 0.44 0.00	60.42 0.77 0.00	71.10 0.98 0.00	65.76 1.16 0.00	58.64 1.15 0.00	52.03 0.87 0.00	49.90 0.98 0.00	45.18 0.84 0.00
REYNOLDS_115KV_TB3 80639	41.56 1.29 0.00	39.32 1.03 0.00	37.46 0.98 0.00	37.39 0.98 0.00	37.77 0.92 0.00	38.79 1.06 0.00	46.26 1.30 0.00	53.48 1.56 0.00	54.43 1.48 0.00	43.25 1.10 0.00	38.94 0.76 0.00	37.68 0.59 0.00	35.74 0.49 0.00	35.64 0.56 0.00	35.77 0.74 0.00	36.96 0.80 0.00	44.67 0.92 0.00	61.02 1.37 0.00	71.52 1.40 0.00	65.70 1.10 0.00	58.41 0.92 0.00	51.73 0.56 0.00	49.27 0.34 0.00	44.51 0.18 0.00
RIVERBAY____ 323610	43.77 3.50 0.00	41.15 2.87 0.00	39.03 2.55 0.00	38.99 2.58 0.00	39.39 2.54 0.00	40.38 2.64 0.00	47.88 2.92 0.00	55.15 3.22 0.00	55.97 3.02 0.00	45.11 2.95 0.00	41.12 2.94 0.00	40.02 2.93 0.00	38.25 3.00 0.00	38.16 3.09 0.00	37.91 2.87 0.00	38.84 2.68 0.00	46.86 3.11 0.00	62.93 3.28 0.00	74.11 4.00 0.01	67.95 3.36 0.01	60.88 3.39 0.00	54.29 3.12 0.00	51.76 2.84 0.00	46.95 2.62 0.00
RIVERSDE_115KV_TB3 55908	41.52 1.25 0.00	39.28 1.00 0.00	37.42 0.95 0.00	37.39 0.98 0.00	37.74 0.88 0.00	38.75 1.02 0.00	46.17 1.21 0.00	53.38 1.45 0.00	54.38 1.43 0.00	43.21 1.05 0.00	38.94 0.76 0.00	37.72 0.63 0.00	35.78 0.53 0.00	35.67 0.60 0.00	35.77 0.74 0.00	36.96 0.80 0.00	44.67 0.92 0.00	61.02 1.37 0.00	71.52 1.40 0.00	65.70 1.10 0.00	58.41 0.92 0.00	51.78 0.61 0.00	49.32 0.39 0.00	44.56 0.22 0.00
ROARING___BROOK_WT_PWR 323790	39.06 -1.21 0.00	37.10 -1.19 0.00	35.30 -1.17 0.00	35.28 -1.13 0.00	35.75 -1.10 0.00	36.64 -1.17 0.00	43.79 -1.17 0.00	50.73 -1.19 0.00	51.78 -1.17 0.00	41.23 -0.93 0.00	37.37 -0.80 0.00	36.35 -0.74 0.00	34.55 -0.70 0.00	34.34 -0.74 0.00	34.37 -0.67 0.00	35.51 -0.65 0.00	43.19 -0.57 0.00	59.11 -0.54 0.00	69.63 -0.49 0.00	64.28 -0.32 0.00	57.32 -0.17 0.00	51.01 -0.15 0.00	48.83 -0.10 0.00	44.29 -0.04 0.00

ROCHESRG_115KV_T4 355643	38.54 -1.73 0.00	37.44 -0.84 0.00	36.00 -0.47 0.00	35.82 -0.58 0.00	36.30 -0.55 0.00	37.21 -0.53 0.00	44.01 -0.94 0.00	50.37 -1.56 0.00	51.68 -1.27 0.00	41.48 -0.67 0.00	37.72 -0.46 0.00	36.53 -0.56 0.00	34.79 -0.46 0.00	34.58 -0.49 0.00	34.30 -0.74 0.00	35.55 -0.61 0.00	42.49 -1.27 0.00	57.44 -2.21 0.00	67.59 -2.52 0.00	62.34 -2.26 0.00	55.31 -2.18 0.00	49.89 -1.28 0.00	48.43 -0.49 0.00	44.34 0.00 0.00
ROCHESTER_9_IC 23652	38.70 -1.57 0.00	37.59 -0.69 0.00	36.15 -0.33 0.00	35.97 -0.44 0.00	36.45 -0.41 0.00	37.36 -0.38 0.00	44.19 -0.76 0.00	50.63 -1.30 0.00	51.94 -1.01 0.00	41.69 -0.46 0.00	37.95 -0.23 0.00	36.75 -0.33 0.00	35.00 -0.25 0.00	34.76 -0.32 0.00	34.48 -0.56 0.00	35.73 -0.43 0.00	42.75 -1.01 0.00	57.74 -1.91 0.00	68.01 -2.10 0.00	62.73 -1.87 0.00	55.65 -1.84 0.00	50.19 -0.97 0.00	48.68 -0.24 0.00	44.56 0.22 0.00
ROCKVIEW_13_KV_LD 356306	43.09 2.82 0.00	40.62 2.34 0.00	38.52 2.04 0.00	38.48 2.08 0.00	38.92 2.06 0.00	40.08 2.34 0.00	47.75 2.79 0.00	55.15 3.22 0.00	56.07 3.12 0.00	44.98 2.82 0.00	41.00 2.83 0.00	39.87 2.78 0.00	38.03 2.78 0.00	37.95 2.88 0.00	37.70 2.66 0.00	38.70 2.53 0.00	46.77 3.02 0.00	63.11 3.46 0.00	74.26 4.14 0.00	68.22 3.62 0.00	60.88 3.39 0.00	54.29 3.12 0.00	51.47 2.54 0.00	46.42 2.08 0.00
ROME____115KV_TB2 80656	41.32 1.05 0.00	39.32 1.03 0.00	37.46 0.98 0.00	37.24 0.84 0.00	37.88 1.03 0.00	38.83 1.09 0.00	46.31 1.35 0.00	53.64 1.71 0.00	54.70 1.75 0.00	43.08 0.93 0.00	39.02 0.84 0.00	37.98 0.89 0.00	35.96 0.70 0.00	35.85 0.77 0.00	35.74 0.70 0.00	36.96 0.80 0.00	44.98 1.23 0.00	61.38 1.73 0.00	72.50 2.38 0.00	66.86 2.26 0.00	59.22 1.72 0.00	52.80 1.64 0.00	50.44 1.52 0.00	45.71 1.37 0.00
ROSETON___1 23587	42.56 2.29 0.00	40.12 1.84 0.00	38.08 1.60 0.00	38.05 1.64 0.00	38.51 1.66 0.00	39.55 1.81 0.00	47.12 2.16 0.00	54.47 2.54 0.00	55.39 2.44 0.00	44.35 2.19 0.00	40.35 2.17 0.00	39.20 2.11 0.00	37.29 2.04 0.00	37.25 2.18 0.00	37.10 2.07 0.00	38.12 1.95 0.00	45.99 2.23 0.00	62.10 2.45 0.00	73.06 2.94 0.00	67.19 2.59 0.00	59.85 2.36 0.00	53.36 2.20 0.00	50.78 1.86 0.00	45.98 1.64 0.00
ROSETON___2 23588	42.56 2.29 0.00	40.12 1.84 0.00	38.08 1.60 0.00	38.05 1.64 0.00	38.51 1.66 0.00	39.55 1.81 0.00	47.12 2.16 0.00	54.47 2.54 0.00	55.39 2.44 0.00	44.35 2.19 0.00	40.35 2.17 0.00	39.20 2.11 0.00	37.29 2.04 0.00	37.25 2.18 0.00	37.10 2.07 0.00	38.12 1.95 0.00	45.99 2.23 0.00	62.10 2.45 0.00	73.06 2.94 0.00	67.19 2.59 0.00	59.85 2.36 0.00	53.36 2.20 0.00	50.78 1.86 0.00	45.98 1.64 0.00
ROTRDAM_115KV_TB3 80664	41.44 1.17 0.00	39.24 0.96 0.00	37.35 0.88 0.00	37.32 0.91 0.00	37.74 0.88 0.00	38.75 1.02 0.00	46.17 1.21 0.00	53.38 1.45 0.00	54.27 1.32 0.00	43.13 0.97 0.00	38.90 0.73 0.00	37.68 0.59 0.00	35.78 0.53 0.00	35.64 0.56 0.00	35.67 0.63 0.00	36.85 0.69 0.00	44.72 0.96 0.00	61.14 1.49 0.00	71.80 1.68 0.00	66.02 1.42 0.00	58.70 1.21 0.00	52.14 0.97 0.00	49.76 0.83 0.00	45.00 0.67 0.00
RUSSELL___1 23602	38.82 -1.45 0.00	37.75 -0.54 0.00	36.29 -0.18 0.00	36.08 -0.33 0.00	36.56 -0.29 0.00	37.47 -0.26 0.00	44.37 -0.58 0.00	50.84 -1.09 0.00	52.21 -0.74 0.00	41.90 -0.25 0.00	38.14 -0.04 0.00	36.94 -0.15 0.00	35.18 -0.07 0.00	34.90 -0.18 0.00	34.65 -0.39 0.00	35.91 -0.25 0.00	42.97 -0.79 0.00	58.10 -1.55 0.00	68.37 -1.75 0.00	63.11 -1.49 0.00	55.88 -1.61 0.00	50.45 -0.72 0.00	48.92 0.00 0.00	44.78 0.44 0.00
RUSSELL___2 23532	38.82 -1.45 0.00	37.75 -0.54 0.00	36.29 -0.18 0.00	36.08 -0.33 0.00	36.56 -0.29 0.00	37.47 -0.26 0.00	44.37 -0.58 0.00	50.84 -1.09 0.00	52.21 -0.74 0.00	41.90 -0.25 0.00	38.14 -0.04 0.00	36.94 -0.15 0.00	35.18 -0.07 0.00	34.90 -0.18 0.00	34.65 -0.39 0.00	35.91 -0.25 0.00	42.97 -0.79 0.00	58.10 -1.55 0.00	68.37 -1.75 0.00	63.11 -1.49 0.00	55.88 -1.61 0.00	50.45 -0.72 0.00	48.92 0.00 0.00	44.78 0.44 0.00
RUSSELL___3 23549	38.82 -1.45 0.00	37.75 -0.54 0.00	36.29 -0.18 0.00	36.08 -0.33 0.00	36.56 -0.29 0.00	37.47 -0.26 0.00	44.37 -0.58 0.00	50.84 -1.09 0.00	52.21 -0.74 0.00	41.90 -0.25 0.00	38.14 -0.04 0.00	36.94 -0.15 0.00	35.18 -0.07 0.00	34.90 -0.18 0.00	34.65 -0.39 0.00	35.91 -0.25 0.00	42.97 -0.79 0.00	58.10 -1.55 0.00	68.37 -1.75 0.00	63.11 -1.49 0.00	55.88 -1.61 0.00	50.45 -0.72 0.00	48.92 0.00 0.00	44.78 0.44 0.00
RUSSELL___4 23556	38.82 -1.45 0.00	37.75 -0.54 0.00	36.29 -0.18 0.00	36.08 -0.33 0.00	36.56 -0.29 0.00	37.47 -0.26 0.00	44.37 -0.58 0.00	50.84 -1.09 0.00	52.21 -0.74 0.00	41.90 -0.25 0.00	38.14 -0.04 0.00	36.94 -0.15 0.00	35.18 -0.07 0.00	34.90 -0.18 0.00	34.65 -0.39 0.00	35.91 -0.25 0.00	42.97 -0.79 0.00	58.10 -1.55 0.00	68.37 -1.75 0.00	63.11 -1.49 0.00	55.88 -1.61 0.00	50.45 -0.72 0.00	48.92 0.00 0.00	44.78 0.44 0.00
RUSSELL___STATION 23914	38.82 -1.45 0.00	37.75 -0.54 0.00	36.29 -0.18 0.00	36.08 -0.33 0.00	36.56 -0.29 0.00	37.47 -0.26 0.00	44.37 -0.58 0.00	50.84 -1.09 0.00	52.21 -0.74 0.00	41.90 -0.25 0.00	38.14 -0.04 0.00	36.94 -0.15 0.00	35.18 -0.07 0.00	34.90 -0.18 0.00	34.65 -0.39 0.00	35.91 -0.25 0.00	42.97 -0.79 0.00	58.10 -1.55 0.00	68.37 -1.75 0.00	63.11 -1.49 0.00	55.88 -1.61 0.00	50.45 -0.72 0.00	48.92 0.00 0.00	44.78 0.44 0.00
S SALMON___HYD 24043	39.83 -0.44 0.00	37.94 -0.35 0.00	36.18 -0.29 0.00	36.01 -0.40 0.00	36.56 -0.30 0.00	37.36 -0.38 0.00	44.37 -0.59 0.00	51.36 -0.57 0.00	52.42 -0.53 0.00	41.65 -0.50 0.00	37.68 -0.50 0.00	36.57 -0.52 0.00	34.72 -0.53 0.00	34.58 -0.49 0.00	34.48 -0.56 0.00	35.66 -0.51 0.00	43.23 -0.52 0.00	59.05 -0.60 0.00	69.63 -0.49 0.00	64.22 -0.39 0.00	56.97 -0.52 0.00	50.86 -0.31 0.00	48.68 -0.24 0.00	44.03 -0.31 0.00
S.PERRY___115KV_TB1 80734	38.94 -1.33 0.00	38.05 -0.23 0.00	36.69 0.22 0.00	36.51 0.11 0.00	37.07 0.22 0.00	38.11 0.38 0.00	45.27 0.31 0.00	51.87 -0.05 0.00	53.16 0.21 0.00	42.28 0.13 0.00	38.18 0.00 0.00	36.79 -0.30 0.00	35.07 -0.18 0.00	34.79 -0.28 0.00	34.55 -0.49 0.00	35.95 -0.22 0.00	43.19 -0.57 0.00	58.99 -0.66 0.00	70.05 -0.07 0.00	64.67 0.06 0.00	57.32 -0.17 0.00	51.78 0.61 0.00	50.34 1.42 0.00	46.15 1.82 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.05 -3.22 0.00	36.52 -1.76 0.00	35.31 -1.17 0.00	35.20 -1.20 0.00	35.71 -1.14 0.00	36.68 -1.06 0.00	43.07 -1.89 0.00	48.91 -3.01 0.00	50.36 -2.59 0.00	40.60 -1.56 0.00	36.96 -1.22 0.00	35.72 -1.37 0.00	34.12 -1.13 0.00	33.92 -1.16 0.00	33.46 -1.58 0.00	34.75 -1.41 0.00	41.13 -2.63 0.00	55.29 -4.35 0.00	65.21 -4.91 0.00	60.21 -4.39 0.00	53.47 -4.02 0.00	48.61 -2.56 0.00	47.80 -1.13 0.00	44.20 -0.13 0.00

SAWYER___23_KV_LOAD 55526	37.05 -3.22 0.00	36.52 -1.76 0.00	35.31 -1.17 0.00	35.20 -1.20 0.00	35.71 -1.14 0.00	36.68 -1.06 0.00	43.07 -1.89 0.00	48.91 -3.01 0.00	50.36 -2.59 0.00	40.60 -1.56 0.00	36.96 -1.22 0.00	35.72 -1.37 0.00	34.12 -1.13 0.00	33.92 -1.16 0.00	33.46 -1.58 0.00	34.75 -1.41 0.00	41.13 -2.63 0.00	55.29 -4.35 0.00	65.21 -4.91 0.00	60.21 -4.39 0.00	53.47 -4.02 0.00	48.61 -2.56 0.00	47.80 -1.13 0.00	44.20 -0.13 0.00
SELKIRK___I 23801	41.64 1.37 0.00	39.43 1.15 0.00	37.53 1.06 0.00	37.54 1.13 0.00	37.96 1.10 0.00	38.94 1.21 0.00	46.35 1.40 0.00	53.59 1.66 0.00	54.49 1.54 0.00	43.25 1.09 0.00	39.02 0.84 0.00	37.76 0.67 0.00	35.89 0.64 0.00	35.71 0.63 0.00	35.77 0.74 0.00	36.96 0.79 0.00	44.85 1.09 0.00	61.20 1.55 0.00	71.87 1.75 0.00	66.02 1.42 0.00	58.75 1.26 0.00	52.29 1.12 0.00	49.81 0.88 0.00	45.00 0.67 0.00
SELKIRK___II 23799	41.40 1.13 0.00	39.20 0.92 0.00	37.31 0.84 0.00	37.32 0.91 0.00	37.70 0.85 0.00	38.68 0.94 0.00	46.04 1.08 0.00	53.27 1.35 0.00	54.22 1.27 0.00	43.13 0.97 0.00	38.94 0.76 0.00	37.72 0.63 0.00	35.85 0.60 0.00	35.67 0.60 0.00	35.74 0.70 0.00	36.92 0.76 0.00	44.72 0.96 0.00	60.90 1.25 0.00	71.38 1.26 0.00	65.63 1.03 0.00	58.35 0.86 0.00	51.93 0.77 0.00	49.41 0.49 0.00	44.69 0.35 0.00
SENECA OSWGO___HYD 24041	39.59 -0.68 0.00	37.75 -0.54 0.00	36.04 -0.44 0.00	35.93 -0.47 0.00	36.37 -0.48 0.00	37.13 -0.61 0.00	44.19 -0.76 0.00	51.04 -0.88 0.00	52.10 -0.85 0.00	41.61 -0.55 0.00	37.64 -0.53 0.00	36.49 -0.59 0.00	34.72 -0.53 0.00	34.58 -0.49 0.00	34.48 -0.56 0.00	35.58 -0.58 0.00	42.92 -0.83 0.00	58.51 -1.14 0.00	68.86 -1.26 0.00	63.37 -1.23 0.00	56.40 -1.09 0.00	50.19 -0.97 0.00	48.09 -0.83 0.00	43.54 -0.80 0.00
SENECA___115KV_TB3 355854	37.13 -3.14 0.00	36.60 -1.68 0.00	35.45 -1.02 0.00	35.20 -1.20 0.00	35.71 -1.14 0.00	36.94 -0.79 0.00	43.61 -1.35 0.00	49.33 -2.59 0.00	50.78 -2.17 0.00	41.14 -1.01 0.00	37.07 -1.11 0.00	35.83 -1.26 0.00	34.22 -1.02 0.00	34.16 -0.91 0.00	33.63 -1.40 0.00	34.86 -1.30 0.00	41.26 -2.49 0.00	56.01 -3.64 0.00	66.68 -3.43 0.00	61.57 -3.04 0.00	54.22 -3.27 0.00	48.97 -2.20 0.00	48.29 -0.64 0.00	44.51 0.18 0.00
SENECA___ENERGY 23797	39.55 -0.72 0.00	37.98 -0.31 0.00	36.36 -0.11 0.00	36.22 -0.18 0.00	36.70 -0.15 0.00	37.62 -0.11 0.00	44.82 -0.13 0.00	51.46 -0.47 0.00	52.63 -0.32 0.00	42.11 -0.04 0.00	38.02 -0.15 0.00	36.87 -0.22 0.00	35.04 -0.21 0.00	34.94 -0.14 0.00	34.72 -0.32 0.00	35.91 -0.25 0.00	43.23 -0.52 0.00	58.94 -0.71 0.00	69.70 -0.42 0.00	64.15 -0.45 0.00	56.92 -0.57 0.00	50.70 -0.46 0.00	48.92 0.00 0.00	44.51 0.18 0.00
SHOEMAKER___GT 23640	42.48 2.21 0.00	40.08 1.80 0.00	38.04 1.57 0.00	38.01 1.60 0.00	38.47 1.62 0.00	39.51 1.77 0.00	47.12 2.16 0.00	54.47 2.54 0.00	55.39 2.44 0.00	44.22 2.07 0.00	40.20 2.02 0.00	39.02 1.93 0.00	37.12 1.87 0.00	37.04 1.96 0.00	36.93 1.89 0.00	38.01 1.84 0.00	45.90 2.14 0.00	62.21 2.56 0.00	73.20 3.08 0.00	67.31 2.71 0.00	59.96 2.47 0.00	53.41 2.25 0.00	50.88 1.96 0.00	46.02 1.68 0.00
SHOEMAKR_138KV_BK 111 55601	42.53 2.26 0.00	40.16 1.88 0.00	38.11 1.64 0.00	38.08 1.67 0.00	38.51 1.66 0.00	39.62 1.89 0.00	47.21 2.25 0.00	54.52 2.60 0.00	55.44 2.49 0.00	44.35 2.19 0.00	40.31 2.14 0.00	39.13 2.04 0.00	37.33 2.08 0.00	37.21 2.14 0.00	37.03 2.00 0.00	38.08 1.92 0.00	46.07 2.32 0.00	62.45 2.80 0.00	73.48 3.37 0.00	67.51 2.91 0.00	60.19 2.70 0.00	53.62 2.46 0.00	50.98 2.05 0.00	46.02 1.68 0.00
SHOREHAM_IC_1 23715	41.91 1.65 0.01	39.00 0.73 0.01	36.87 0.40 0.01	36.76 0.36 0.01	37.25 0.41 0.01	38.63 0.90 0.01	36.32 0.50 9.14	48.14 -0.68 3.11	40.54 -1.64 10.77	32.71 -0.04 9.41	35.48 1.11 3.81	34.69 0.89 3.29	36.23 0.99 0.01	37.35 2.28 0.00	35.25 1.09 0.87	37.21 1.05 0.01	44.88 1.14 0.01	53.43 -0.12 6.11	63.05 0.77 7.84	52.50 0.58 12.68	49.76 0.23 7.96	47.66 0.41 3.91	46.97 -0.58 1.37	44.51 0.18 0.01
SHOREHAM_IC_2 23716	41.95 1.69 0.01	39.12 0.84 0.01	36.94 0.47 0.01	36.80 0.40 0.01	37.18 0.33 0.01	38.86 1.13 0.01	36.49 0.67 9.14	47.46 -1.35 3.11	40.43 -1.75 10.77	32.88 0.13 9.41	35.59 1.22 3.81	34.77 0.96 3.29	36.72 1.48 0.01	37.50 2.42 0.00	35.39 1.23 0.87	37.28 1.12 0.01	45.19 1.44 0.01	53.48 -0.06 6.11	63.40 1.12 7.84	52.69 0.78 12.68	50.16 0.63 7.96	47.92 0.67 3.91	47.01 -0.54 1.37	44.59 0.27 0.01
SISSONVILLE____ 23735	40.47 0.20 0.00	38.51 0.23 0.00	36.62 0.15 0.00	36.51 0.11 0.00	37.04 0.18 0.00	37.92 0.19 0.00	45.45 0.49 0.00	52.65 0.73 0.00	53.74 0.79 0.00	42.45 0.30 0.00	38.52 0.34 0.00	37.72 0.63 0.00	35.74 0.49 0.00	35.32 0.25 0.00	35.32 0.28 0.00	36.49 0.33 0.00	44.59 0.83 0.00	61.14 1.49 0.00	72.15 2.03 0.00	66.73 2.13 0.00	59.50 2.01 0.00	52.75 1.59 0.00	50.64 1.71 0.00	45.80 1.46 0.00
SITHE_IND_GS1 24169	39.10 -1.17 0.00	37.29 -1.00 0.00	35.56 -0.91 0.00	35.50 -0.91 0.00	35.93 -0.92 0.00	36.64 -1.10 0.00	43.56 -1.39 0.00	50.16 -1.77 0.00	51.20 -1.75 0.00	40.85 -1.31 0.00	36.99 -1.18 0.00	35.90 -1.19 0.00	34.16 -1.09 0.00	34.02 -1.05 0.00	33.95 -1.09 0.00	35.01 -1.16 0.00	42.27 -1.49 0.00	57.56 -2.09 0.00	67.66 -2.46 0.00	62.34 -2.26 0.00	55.48 -2.01 0.00	49.37 -1.79 0.00	47.31 -1.61 0.00	42.96 -1.37 0.00
SITHE_IND_GS2 24170	39.10 -1.17 0.00	37.29 -1.00 0.00	35.56 -0.91 0.00	35.50 -0.91 0.00	35.93 -0.92 0.00	36.64 -1.10 0.00	43.56 -1.39 0.00	50.16 -1.77 0.00	51.20 -1.75 0.00	40.85 -1.31 0.00	36.99 -1.18 0.00	35.90 -1.19 0.00	34.16 -1.09 0.00	34.02 -1.05 0.00	33.95 -1.09 0.00	35.01 -1.16 0.00	42.27 -1.49 0.00	57.56 -2.09 0.00	67.66 -2.46 0.00	62.34 -2.26 0.00	55.48 -2.01 0.00	49.37 -1.79 0.00	47.31 -1.61 0.00	42.96 -1.37 0.00
SITHE_IND_GS3 24171	39.10 -1.17 0.00	37.29 -1.00 0.00	35.56 -0.91 0.00	35.50 -0.91 0.00	35.93 -0.92 0.00	36.64 -1.10 0.00	43.56 -1.39 0.00	50.16 -1.77 0.00	51.20 -1.75 0.00	40.85 -1.31 0.00	36.99 -1.18 0.00	35.90 -1.19 0.00	34.16 -1.09 0.00	34.02 -1.05 0.00	33.95 -1.09 0.00	35.01 -1.16 0.00	42.27 -1.49 0.00	57.56 -2.09 0.00	67.66 -2.46 0.00	62.34 -2.26 0.00	55.48 -2.01 0.00	49.37 -1.79 0.00	47.31 -1.61 0.00	42.96 -1.37 0.00
SITHE_IND_GS4 24172	39.10 -1.17 0.00	37.29 -1.00 0.00	35.56 -0.91 0.00	35.50 -0.91 0.00	35.93 -0.92 0.00	36.64 -1.10 0.00	43.56 -1.39 0.00	50.16 -1.77 0.00	51.20 -1.75 0.00	40.85 -1.31 0.00	36.99 -1.18 0.00	35.90 -1.19 0.00	34.16 -1.09 0.00	34.02 -1.05 0.00	33.95 -1.09 0.00	35.01 -1.16 0.00	42.27 -1.49 0.00	57.56 -2.09 0.00	67.66 -2.46 0.00	62.34 -2.26 0.00	55.48 -2.01 0.00	49.37 -1.79 0.00	47.31 -1.61 0.00	42.96 -1.37 0.00

SITHE___BATAVIA 24024	38.46 -1.81 0.00	37.75 -0.54 0.00	36.51 0.04 0.00	36.15 -0.25 0.00	36.67 -0.18 0.00	37.85 0.11 0.00	44.55 -0.41 0.00	50.42 -1.51 0.00	51.89 -1.06 0.00	41.91 -0.25 0.00	37.80 -0.38 0.00	36.49 -0.59 0.00	34.79 -0.46 0.00	34.66 -0.42 0.00	34.23 -0.80 0.00	35.48 -0.69 0.00	42.27 -1.49 0.00	57.38 -2.27 0.00	68.23 -1.89 0.00	62.99 -1.61 0.00	55.42 -2.07 0.00	50.04 -1.13 0.00	49.02 0.10 0.00	45.40 1.06 0.00
SITHE___INDEPEND 23800	39.06 -1.21 0.00	37.29 -1.00 0.00	35.56 -0.91 0.00	35.50 -0.91 0.00	35.93 -0.92 0.00	36.64 -1.09 0.00	43.52 -1.44 0.00	50.16 -1.77 0.00	51.20 -1.75 0.00	40.81 -1.35 0.00	36.99 -1.18 0.00	35.90 -1.19 0.00	34.16 -1.09 0.00	34.02 -1.05 0.00	33.95 -1.09 0.00	35.04 -1.12 0.00	42.27 -1.49 0.00	57.50 -2.15 0.00	67.59 -2.52 0.00	62.27 -2.33 0.00	55.36 -2.13 0.00	49.37 -1.79 0.00	47.26 -1.66 0.00	42.96 -1.37 0.00
SITHE___MASSENA 23902	40.43 0.16 0.00	38.44 0.15 0.00	36.58 0.11 0.00	36.51 0.11 0.00	36.96 0.11 0.00	37.85 0.11 0.00	45.32 0.36 0.00	52.45 0.52 0.00	53.53 0.58 0.00	42.45 0.30 0.00	38.52 0.34 0.00	37.65 0.56 0.00	35.74 0.49 0.00	35.35 0.28 0.00	35.35 0.31 0.00	36.49 0.32 0.00	44.41 0.66 0.00	60.72 1.07 0.00	71.52 1.40 0.00	66.15 1.55 0.00	58.98 1.49 0.00	52.34 1.18 0.00	50.19 1.27 0.00	45.45 1.11 0.00
SITHE___OGDNSBRG 24021	40.95 0.68 0.00	38.97 0.69 0.00	37.06 0.58 0.00	36.92 0.51 0.00	37.48 0.63 0.00	38.38 0.64 0.00	46.04 1.08 0.00	53.33 1.40 0.00	54.27 1.32 0.00	42.75 0.59 0.00	38.75 0.57 0.00	37.90 0.82 0.00	35.88 0.63 0.00	35.50 0.42 0.00	35.49 0.46 0.00	36.67 0.51 0.00	44.89 1.14 0.00	61.74 2.09 0.00	72.99 2.87 0.00	67.64 3.04 0.00	60.19 2.70 0.00	53.42 2.25 0.00	51.22 2.30 0.00	46.33 2.00 0.00
SITHE___STERLING 23777	41.15 0.88 0.00	39.20 0.92 0.00	37.35 0.87 0.00	37.17 0.77 0.00	37.77 0.92 0.00	38.72 0.98 0.00	46.17 1.21 0.00	53.43 1.51 0.00	54.43 1.48 0.00	43.00 0.84 0.00	38.94 0.76 0.00	37.87 0.78 0.00	35.89 0.64 0.00	35.78 0.70 0.00	35.67 0.63 0.00	36.89 0.72 0.00	44.76 1.01 0.00	60.96 1.31 0.00	71.94 1.82 0.00	66.28 1.68 0.00	58.81 1.32 0.00	52.34 1.18 0.00	50.05 1.13 0.00	45.36 1.02 0.00
SLEIGHT__34_KV_TB1 80719	38.98 -1.29 0.00	37.59 -0.69 0.00	36.04 -0.44 0.00	35.90 -0.51 0.00	36.37 -0.48 0.00	37.25 -0.49 0.00	44.24 -0.72 0.00	50.84 -1.09 0.00	52.16 -0.79 0.00	41.74 -0.42 0.00	37.91 -0.27 0.00	36.72 -0.37 0.00	34.93 -0.32 0.00	34.72 -0.35 0.00	34.51 -0.53 0.00	35.69 -0.47 0.00	42.88 -0.88 0.00	58.10 -1.55 0.00	68.44 -1.68 0.00	63.05 -1.55 0.00	56.00 -1.49 0.00	50.24 -0.92 0.00	48.48 -0.44 0.00	44.20 -0.13 0.00
SMITHTWN_69_KV_BK 1 55830	42.76 2.50 0.01	39.92 1.65 0.01	37.71 1.24 0.01	37.60 1.20 0.01	37.99 1.14 0.01	39.43 1.70 0.01	34.77 1.71 11.90	48.29 -0.26 3.38	39.19 -0.64 13.12	30.92 1.01 12.25	35.32 1.74 4.96	34.55 2.11 4.28	37.36 2.11 0.01	38.13 3.05 0.00	35.94 2.03 1.13	38.11 1.95 0.01	46.20 2.45 0.01	54.76 1.13 6.02	64.84 2.45 7.73	54.09 2.00 12.51	51.31 1.67 7.85	48.94 1.64 3.86	48.01 0.44 1.35	45.53 1.20 0.01
SOUTH CAIRO___GT 23612	42.36 2.09 0.00	40.08 1.80 0.00	38.11 1.64 0.00	38.15 1.75 0.00	38.51 1.66 0.00	39.51 1.77 0.00	47.21 2.25 0.00	54.57 2.65 0.00	55.39 2.44 0.00	43.67 1.52 0.00	39.17 0.99 0.00	37.79 0.70 0.00	35.88 0.63 0.00	35.67 0.60 0.00	35.88 0.84 0.00	37.25 1.08 0.00	45.46 1.71 0.00	62.75 3.10 0.00	73.83 3.72 0.00	67.70 3.10 0.00	60.14 2.64 0.00	53.36 2.20 0.00	50.78 1.86 0.00	45.84 1.51 0.00
SOUTH HAMPTN___IC 23720	42.12 1.85 0.01	39.16 0.88 0.01	37.01 0.55 0.01	36.91 0.51 0.01	37.40 0.55 0.01	38.75 1.02 0.01	36.47 0.54 9.03	48.25 -0.57 3.11	40.72 -1.54 10.69	32.86 0.00 9.30	35.63 1.22 3.76	34.77 0.93 3.25	36.30 1.06 0.01	37.35 2.28 0.00	35.37 1.19 0.86	37.28 1.12 0.01	45.02 1.27 0.01	53.70 0.18 6.13	63.37 1.12 7.87	52.71 0.84 12.73	49.96 0.46 7.99	47.90 0.66 3.93	47.15 -0.39 1.38	44.77 0.44 0.01
SOUTHDOW_115KV_TB1 355954	36.81 -3.46 0.00	36.22 -2.07 0.00	35.09 -1.39 0.00	35.06 -1.35 0.00	35.64 -1.22 0.00	36.83 -0.91 0.00	43.56 -1.39 0.00	49.69 -2.23 0.00	51.26 -1.69 0.00	41.31 -0.84 0.00	37.57 -0.61 0.00	36.23 -0.85 0.00	34.61 -0.63 0.00	34.37 -0.70 0.00	33.81 -1.23 0.00	35.22 -0.94 0.00	41.83 -1.93 0.00	56.73 -2.92 0.00	67.52 -2.59 0.00	62.27 -2.33 0.00	55.19 -2.30 0.00	50.19 -0.97 0.00	49.41 0.49 0.00	45.40 1.06 0.00
SOUTHOLD_69_KV_BK 2 55809	41.99 1.73 0.01	39.16 0.88 0.01	36.94 0.47 0.01	36.83 0.44 0.01	37.18 0.33 0.01	38.82 1.09 0.01	36.24 0.31 9.03	47.16 -1.66 3.11	40.15 -2.12 10.68	32.65 -0.21 9.29	35.45 1.03 3.76	34.55 0.70 3.25	36.48 1.23 0.01	37.21 2.14 0.00	35.19 1.02 0.86	37.10 0.94 0.01	45.06 1.31 0.01	53.52 0.00 6.13	63.44 1.19 7.87	52.71 0.84 12.73	50.08 0.57 7.99	47.96 0.72 3.93	47.06 -0.49 1.38	44.82 0.49 0.01
SOUTHOLD___IC 23719	41.99 1.73 0.01	39.00 0.73 0.01	36.87 0.40 0.01	36.76 0.36 0.01	37.25 0.41 0.01	38.60 0.87 0.01	36.07 0.14 9.03	47.83 -0.99 3.11	40.25 -2.01 10.68	32.48 -0.38 9.29	35.33 0.91 3.76	34.43 0.59 3.25	35.98 0.74 0.01	37.07 2.00 0.00	35.08 0.91 0.86	37.02 0.87 0.01	44.75 1.01 0.01	53.46 -0.06 6.13	63.09 0.84 7.87	52.52 0.65 12.73	49.73 0.23 7.99	47.70 0.46 3.93	47.01 -0.54 1.38	44.73 0.40 0.01
SOUTH_FORK_WT_PWR 323839	41.59 1.33 0.01	38.62 0.34 0.01	36.47 0.00 0.01	36.36 -0.04 0.01	36.84 0.00 0.01	38.18 0.45 0.01	35.43 -0.49 9.03	47.05 -1.77 3.11	39.51 -2.76 10.69	31.89 -0.97 9.30	34.83 0.42 3.76	33.95 0.11 3.25	35.52 0.28 0.01	36.58 1.51 0.00	34.60 0.42 0.86	36.52 0.36 0.01	44.18 0.44 0.01	52.69 -0.84 6.13	62.11 -0.14 7.87	51.61 -0.26 12.73	48.93 -0.57 7.99	47.03 -0.20 3.93	46.37 -1.17 1.38	44.33 0.00 0.01
SPIERFLS_115KV_TB 1 80737	41.60 1.33 0.00	39.39 1.11 0.00	37.46 0.98 0.00	37.46 1.06 0.00	37.85 0.99 0.00	38.91 1.17 0.00	46.26 1.30 0.00	53.54 1.61 0.00	54.33 1.38 0.00	43.13 0.97 0.00	38.71 0.53 0.00	37.27 0.19 0.00	35.29 0.04 0.00	35.15 0.07 0.00	35.28 0.25 0.00	36.49 0.33 0.00	44.54 0.79 0.00	61.26 1.61 0.00	72.22 2.10 0.00	66.22 1.62 0.00	58.93 1.44 0.00	52.19 1.02 0.00	49.85 0.93 0.00	45.05 0.71 0.00
ST LAWRENCE____ 23600	39.95 -0.32 0.00	37.94 -0.35 0.00	36.14 -0.33 0.00	36.08 -0.33 0.00	36.52 -0.33 0.00	37.43 -0.30 0.00	44.69 -0.27 0.00	51.72 -0.21 0.00	52.74 -0.21 0.00	41.95 -0.21 0.00	38.02 -0.15 0.00	37.09 0.00 0.00	35.21 -0.04 0.00	34.94 -0.14 0.00	34.93 -0.10 0.00	36.06 -0.11 0.00	43.76 0.00 0.00	59.83 0.18 0.00	70.40 0.28 0.00	65.06 0.46 0.00	57.95 0.46 0.00	51.47 0.31 0.00	49.36 0.44 0.00	44.69 0.35 0.00

STATE_CA_115KV_115_LB 55624	41.72 1.45 0.00	39.47 1.19 0.00	37.57 1.09 0.00	37.53 1.13 0.00	37.92 1.07 0.00	38.94 1.21 0.00	46.40 1.44 0.00	53.64 1.71 0.00	54.59 1.64 0.00	43.42 1.26 0.00	39.13 0.95 0.00	37.87 0.78 0.00	35.96 0.70 0.00	35.81 0.74 0.00	35.91 0.88 0.00	37.10 0.94 0.00	44.89 1.14 0.00	61.32 1.67 0.00	71.94 1.82 0.00	66.09 1.49 0.00	58.76 1.26 0.00	52.09 0.92 0.00	49.61 0.68 0.00	44.82 0.49 0.00
STATE_ST_34_KV_LOAD 55959	40.07 -0.20 0.00	38.32 0.04 0.00	36.55 0.07 0.00	36.48 0.07 0.00	36.96 0.11 0.00	37.81 0.08 0.00	45.05 0.09 0.00	51.93 0.00 0.00	53.06 0.11 0.00	42.28 0.13 0.00	38.33 0.15 0.00	37.16 0.07 0.00	35.32 0.07 0.00	35.15 0.07 0.00	35.00 -0.04 0.00	36.20 0.04 0.00	43.71 -0.04 0.00	59.53 -0.12 0.00	70.19 0.07 0.00	64.67 0.06 0.00	57.43 -0.06 0.00	51.22 0.05 0.00	49.12 0.20 0.00	44.56 0.22 0.00
STATION_5_MISC_HYD 23604	38.74 -1.53 0.00	37.67 -0.61 0.00	36.26 -0.22 0.00	35.97 -0.44 0.00	36.45 -0.40 0.00	37.47 -0.26 0.00	44.47 -0.49 0.00	50.73 -1.19 0.00	52.16 -0.79 0.00	41.99 -0.17 0.00	37.95 -0.23 0.00	36.75 -0.33 0.00	35.04 -0.21 0.00	34.87 -0.21 0.00	34.55 -0.49 0.00	35.73 -0.43 0.00	42.75 -1.00 0.00	58.04 -1.61 0.00	68.64 -1.48 0.00	63.24 -1.36 0.00	55.88 -1.61 0.00	50.25 -0.92 0.00	48.78 -0.15 0.00	44.60 0.27 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.06 -1.21 0.00	37.75 -0.54 0.00	36.18 -0.29 0.00	36.04 -0.36 0.00	36.52 -0.33 0.00	37.40 -0.34 0.00	44.42 -0.54 0.00	50.99 -0.93 0.00	52.31 -0.64 0.00	41.86 -0.30 0.00	38.02 -0.15 0.00	36.83 -0.26 0.00	35.04 -0.21 0.00	34.79 -0.28 0.00	34.58 -0.46 0.00	35.80 -0.36 0.00	43.01 -0.74 0.00	58.28 -1.37 0.00	68.72 -1.40 0.00	63.31 -1.29 0.00	56.17 -1.32 0.00	50.45 -0.72 0.00	48.73 -0.20 0.00	44.47 0.13 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.54 -1.73 0.00	37.40 -0.88 0.00	35.93 -0.55 0.00	35.75 -0.66 0.00	36.22 -0.63 0.00	37.13 -0.60 0.00	43.97 -0.99 0.00	50.37 -1.56 0.00	51.68 -1.27 0.00	41.48 -0.67 0.00	37.72 -0.46 0.00	36.53 -0.56 0.00	34.79 -0.46 0.00	34.55 -0.53 0.00	34.30 -0.74 0.00	35.55 -0.61 0.00	42.53 -1.23 0.00	57.50 -2.15 0.00	67.73 -2.38 0.00	62.47 -2.13 0.00	55.36 -2.13 0.00	49.89 -1.28 0.00	48.39 -0.54 0.00	44.25 -0.09 0.00
STA_56___34_KV_BUS2 355983	38.54 -1.73 0.00	37.40 -0.88 0.00	35.93 -0.55 0.00	35.75 -0.66 0.00	36.22 -0.63 0.00	37.13 -0.60 0.00	43.97 -0.99 0.00	50.37 -1.56 0.00	51.68 -1.27 0.00	41.48 -0.67 0.00	37.72 -0.46 0.00	36.53 -0.56 0.00	34.79 -0.46 0.00	34.55 0.00 0.00	34.30 -0.74 0.00	35.55 -0.61 0.00	42.53 -1.23 0.00	57.50 -2.15 0.00	67.73 -2.38 0.00	62.47 -2.13 0.00	55.36 -2.13 0.00	49.89 -1.28 0.00	48.39 -0.54 0.00	44.25 -0.09 0.00
STA_67___115KV_BK2 355882	38.62 -1.65 0.00	37.56 -0.73 0.00	36.11 -0.36 0.00	35.93 -0.47 0.00	36.41 -0.44 0.00	37.28 -0.45 0.00	44.15 -0.81 0.00	50.52 -1.40 0.00	51.84 -1.11 0.00	41.61 -0.55 0.00	37.87 -0.31 0.00	36.64 -0.45 0.00	34.93 -0.32 0.00	34.69 -0.39 0.00	34.41 -0.63 0.00	35.66 -0.51 0.00	42.66 -1.09 0.00	57.62 -2.03 0.00	67.87 -2.24 0.00	62.60 -2.00 0.00	55.48 -2.01 0.00	50.09 -1.07 0.00	48.58 -0.34 0.00	44.47 0.13 0.00
STA_7___115KV_9TRANS 80674	38.82 -1.45 0.00	37.75 -0.54 0.00	36.29 -0.18 0.00	36.08 -0.33 0.00	36.56 -0.29 0.00	37.47 -0.26 0.00	44.37 -0.58 0.00	50.84 -1.09 0.00	52.21 -0.74 0.00	41.90 -0.25 0.00	38.14 -0.04 0.00	36.94 -0.15 0.00	35.18 -0.07 0.00	34.90 -0.18 0.00	34.65 -0.39 0.00	35.91 -0.25 0.00	42.97 -0.79 0.00	58.10 -1.55 0.00	68.37 -1.75 0.00	63.11 -1.49 0.00	55.88 -1.61 0.00	50.45 -0.72 0.00	48.92 0.00 0.00	44.78 0.44 0.00
STA_82___115KV_TB1 80780	38.62 -1.65 0.00	37.56 -0.73 0.00	36.11 -0.36 0.00	35.93 -0.47 0.00	36.41 -0.44 0.00	37.32 -0.42 0.00	44.15 -0.81 0.00	50.52 -1.40 0.00	51.89 -1.06 0.00	41.65 -0.51 0.00	37.87 -0.31 0.00	36.68 -0.41 0.00	34.93 -0.32 0.00	34.69 -0.39 0.00	34.44 -0.60 0.00	35.66 -0.51 0.00	42.66 -1.09 0.00	57.62 -2.03 0.00	67.87 -2.24 0.00	62.60 -2.00 0.00	55.54 -1.95 0.00	50.09 -1.07 0.00	48.63 -0.29 0.00	44.51 0.18 0.00
STEEL___WIND 323596	37.09 -3.18 0.00	36.56 -1.72 0.00	35.41 -1.06 0.00	35.17 -1.24 0.00	35.67 -1.18 0.00	36.91 -0.83 0.00	43.56 -1.39 0.00	49.28 -2.65 0.00	50.73 -2.22 0.00	41.10 -1.05 0.00	37.03 -1.14 0.00	35.79 -1.30 0.00	34.19 -1.06 0.00	34.13 -0.95 0.00	33.60 -1.44 0.00	34.79 -1.37 0.00	41.22 -2.54 0.00	55.95 -3.70 0.00	66.68 -3.43 0.00	61.50 -3.10 0.00	54.16 -3.34 0.00	48.97 -2.20 0.00	48.24 -0.68 0.00	44.47 0.13 0.00
STEPHTWN_115KV_BK_2 55603	41.84 1.57 0.00	39.58 1.30 0.00	37.68 1.20 0.00	37.64 1.24 0.00	38.03 1.18 0.00	39.09 1.36 0.00	46.58 1.62 0.00	53.90 1.97 0.00	54.86 1.91 0.00	43.59 1.43 0.00	39.25 1.07 0.00	37.94 0.85 0.00	36.03 0.78 0.00	35.88 0.81 0.00	35.98 0.95 0.00	37.18 1.01 0.00	45.02 1.27 0.00	61.62 1.97 0.00	72.29 2.17 0.00	66.41 1.81 0.00	58.99 1.49 0.00	52.34 1.18 0.00	49.85 0.93 0.00	45.05 0.71 0.00
STEBEN_REC_LFGE 323667	36.69 -3.58 0.00	35.99 -2.30 0.00	34.80 -1.68 0.00	34.84 -1.57 0.00	35.41 -1.44 0.00	36.57 -1.17 0.00	43.56 -1.39 0.00	49.90 -2.03 0.00	51.20 -1.75 0.00	40.89 -1.26 0.00	36.88 -1.30 0.00	35.42 -1.67 0.00	33.70 -1.55 0.00	33.50 -1.58 0.00	33.22 -1.82 0.00	34.61 -1.56 0.00	41.48 -2.28 0.00	56.73 -2.92 0.00	67.73 -2.38 0.00	62.53 -2.07 0.00	55.65 -1.84 0.00	50.24 -0.92 0.00	49.07 0.15 0.00	45.13 0.80 0.00
STILLWATER___SOLAR 323814	41.88 1.61 0.00	39.66 1.38 0.00	37.75 1.28 0.00	37.75 1.35 0.00	38.14 1.29 0.00	39.17 1.43 0.00	46.62 1.66 0.00	54.01 2.08 0.00	54.85 1.90 0.00	43.51 1.35 0.00	39.43 1.26 0.00	38.05 0.96 0.00	36.09 0.84 0.00	35.88 0.81 0.00	36.02 0.98 0.00	37.29 1.12 0.00	45.07 1.31 0.00	61.74 2.09 0.00	72.57 2.45 0.00	66.61 2.00 0.00	59.16 1.67 0.00	52.60 1.43 0.00	50.10 1.17 0.00	45.22 0.89 0.00
STONY___BROOK 24151	42.68 2.42 0.01	39.77 1.49 0.01	37.60 1.13 0.01	37.49 1.09 0.01	37.95 1.10 0.01	39.16 1.43 0.01	36.21 1.44 10.19	49.09 0.37 3.21	40.77 -0.53 11.65	32.47 0.80 10.49	35.88 1.95 4.24	35.02 1.59 3.66	36.94 1.69 0.01	37.92 2.84 0.00	35.92 1.86 0.97	37.96 1.81 0.01	45.80 2.06 0.01	54.61 1.01 6.05	64.38 2.03 7.77	53.77 1.74 12.58	50.81 1.21 7.89	48.57 1.28 3.88	47.86 0.30 1.36	45.39 1.06 0.01
STURGEON_POOL_HYD 23609	42.44 2.17 0.00	40.08 1.80 0.00	38.04 1.57 0.00	38.01 1.60 0.00	38.44 1.58 0.00	39.51 1.77 0.00	47.16 2.20 0.00	54.47 2.54 0.00	55.39 2.44 0.00	44.26 2.11 0.00	40.20 2.02 0.00	39.02 1.93 0.00	37.19 1.94 0.00	37.04 1.96 0.00	36.93 1.89 0.00	38.01 1.84 0.00	46.03 2.28 0.00	62.51 2.86 0.00	73.41 3.30 0.00	67.44 2.84 0.00	60.19 2.70 0.00	53.62 2.46 0.00	50.93 2.01 0.00	45.93 1.60 0.00

ST_LAW_115_BK7_LBMP 345037	39.95 -0.32 0.00	37.98 -0.31 0.00	36.14 -0.33 0.00	36.08 -0.33 0.00	36.56 -0.30 0.00	37.43 -0.30 0.00	44.73 -0.22 0.00	51.72 -0.21 0.00	52.79 -0.16 0.00	41.95 -0.21 0.00	38.02 -0.15 0.00	37.13 0.04 0.00	35.25 0.00 0.00	34.94 -0.14 0.00	34.93 -0.10 0.00	36.06 -0.11 0.00	43.80 0.04 0.00	59.89 0.24 0.00	70.47 0.35 0.00	65.12 0.51 0.00	58.07 0.57 0.00	51.57 0.41 0.00	49.41 0.49 0.00	44.73 0.40 0.00
ST_LAW_115_BK8_LBMP 345038	39.95 -0.32 0.00	37.98 -0.31 0.00	36.14 -0.33 0.00	36.08 -0.33 0.00	36.56 -0.30 0.00	37.43 -0.30 0.00	44.73 -0.22 0.00	51.72 -0.21 0.00	52.79 -0.16 0.00	41.95 -0.21 0.00	38.02 -0.15 0.00	37.13 0.04 0.00	35.25 0.00 0.00	34.94 -0.14 0.00	34.93 -0.10 0.00	36.06 -0.11 0.00	43.80 0.04 0.00	59.89 0.24 0.00	70.47 0.35 0.00	65.12 0.51 0.00	58.07 0.57 0.00	51.57 0.41 0.00	49.41 0.49 0.00	44.73 0.40 0.00
ST_LAW_230_BK5_LBMP 345035	39.95 -0.32 0.00	37.94 -0.35 0.00	36.14 -0.33 0.00	36.08 -0.33 0.00	36.52 -0.33 0.00	37.43 -0.30 0.00	44.69 -0.27 0.00	51.72 -0.21 0.00	52.74 -0.21 0.00	41.95 -0.21 0.00	38.02 -0.15 0.00	37.09 0.00 0.00	35.21 -0.04 0.00	34.94 -0.14 0.00	34.93 -0.10 0.00	36.06 -0.11 0.00	43.76 0.00 0.00	59.83 0.18 0.00	70.40 0.28 0.00	65.06 0.46 0.00	57.95 0.46 0.00	51.47 0.31 0.00	49.36 0.44 0.00	44.69 0.35 0.00
ST_LAW_230_BK6_LBMP 345036	39.95 -0.32 0.00	37.94 -0.35 0.00	36.14 -0.33 0.00	36.08 -0.33 0.00	36.52 -0.33 0.00	37.43 -0.30 0.00	44.69 -0.27 0.00	51.72 -0.21 0.00	52.74 -0.21 0.00	41.95 -0.21 0.00	38.02 -0.15 0.00	37.09 0.00 0.00	35.21 -0.04 0.00	34.94 -0.14 0.00	34.93 -0.10 0.00	36.06 -0.11 0.00	43.76 0.00 0.00	59.83 0.18 0.00	70.40 0.28 0.00	65.06 0.46 0.00	57.95 0.46 0.00	51.47 0.31 0.00	49.36 0.44 0.00	44.69 0.35 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.69 2.42 0.00	40.27 1.99 0.00	38.22 1.75 0.00	38.19 1.78 0.00	38.62 1.77 0.00	39.74 2.00 0.00	47.39 2.43 0.00	54.73 2.80 0.00	55.65 2.70 0.00	44.56 2.40 0.00	40.51 2.33 0.00	39.35 2.26 0.00	37.54 2.29 0.00	37.43 2.35 0.00	37.24 2.21 0.00	38.26 2.10 0.00	46.29 2.54 0.00	62.63 2.98 0.00	73.69 3.58 0.00	67.70 3.10 0.00	60.37 2.87 0.00	53.77 2.61 0.00	51.13 2.20 0.00	46.11 1.77 0.00
SWANROAD_115KV_TB1 355699	37.13 -3.14 0.00	36.64 -1.65 0.00	35.42 -1.06 0.00	35.31 -1.09 0.00	35.78 -1.07 0.00	36.79 -0.94 0.00	42.67 -2.29 0.00	48.14 -3.79 0.00	49.56 -3.39 0.00	39.96 -2.19 0.00	36.38 -1.79 0.00	35.16 -1.93 0.00	33.63 -1.62 0.00	33.36 -1.72 0.00	32.97 -2.07 0.00	34.25 -1.92 0.00	40.47 -3.28 0.00	54.34 -5.31 0.00	63.95 -6.17 0.00	59.11 -5.49 0.00	52.49 -5.00 0.00	47.79 -3.38 0.00	47.02 -1.91 0.00	44.12 -0.22 0.00
SYNERGY___BIOGAS 323694	38.34 -1.93 0.00	37.67 -0.61 0.00	36.36 -0.11 0.00	36.15 -0.25 0.00	36.67 -0.18 0.00	37.66 -0.08 0.00	44.19 -0.76 0.00	50.21 -1.71 0.00	51.68 -1.27 0.00	41.48 -0.67 0.00	37.76 -0.42 0.00	36.46 -0.63 0.00	34.75 -0.49 0.00	34.48 -0.60 0.00	34.12 -0.91 0.00	35.48 -0.69 0.00	42.22 -1.53 0.00	57.02 -2.62 0.00	67.31 -2.80 0.00	62.15 -2.45 0.00	55.02 -2.47 0.00	49.99 -1.18 0.00	48.92 0.00 0.00	45.31 0.98 0.00
SYRACUSE___ENERGY_ST1 323597	40.03 -0.24 0.00	38.21 -0.08 0.00	36.44 -0.04 0.00	36.37 -0.04 0.00	36.81 -0.04 0.00	37.62 -0.11 0.00	44.73 -0.22 0.00	51.67 -0.26 0.00	52.79 -0.16 0.00	42.11 -0.04 0.00	38.14 -0.04 0.00	37.01 -0.07 0.00	35.21 -0.04 0.00	35.04 -0.04 0.00	34.93 -0.11 0.00	36.06 -0.11 0.00	43.49 -0.26 0.00	59.17 -0.48 0.00	69.63 -0.49 0.00	64.15 -0.45 0.00	57.03 -0.46 0.00	50.86 -0.31 0.00	48.68 -0.24 0.00	44.16 -0.18 0.00
SYRACUSE___ENERGY_ST2 323598	40.03 -0.24 0.00	38.21 -0.08 0.00	36.44 -0.04 0.00	36.37 -0.04 0.00	36.81 -0.04 0.00	37.62 -0.11 0.00	44.73 -0.22 0.00	51.67 -0.26 0.00	52.79 -0.16 0.00	42.11 -0.04 0.00	38.14 -0.04 0.00	37.01 -0.07 0.00	35.21 -0.04 0.00	35.04 -0.04 0.00	34.93 -0.11 0.00	36.06 -0.11 0.00	43.49 -0.26 0.00	59.17 -0.48 0.00	69.63 -0.49 0.00	64.15 -0.45 0.00	57.03 -0.46 0.00	50.86 -0.31 0.00	48.68 -0.24 0.00	44.16 -0.18 0.00
SYRACUSE___POWER 24017	39.99 -0.28 0.00	38.13 -0.15 0.00	36.36 -0.11 0.00	36.30 -0.11 0.00	36.74 -0.11 0.00	37.55 -0.19 0.00	44.64 -0.31 0.00	51.56 -0.36 0.00	52.69 -0.26 0.00	41.99 -0.17 0.00	38.06 -0.11 0.00	36.90 -0.19 0.00	35.11 -0.14 0.00	34.97 -0.11 0.00	34.86 -0.18 0.00	35.98 -0.18 0.00	43.41 -0.35 0.00	59.11 -0.54 0.00	69.56 -0.56 0.00	64.08 -0.52 0.00	56.97 -0.52 0.00	50.76 -0.41 0.00	48.63 -0.29 0.00	44.07 -0.27 0.00
TALLMAN_138KV_BK151 55660	42.85 2.58 0.00	40.39 2.11 0.00	38.33 1.86 0.00	38.30 1.89 0.00	38.73 1.88 0.00	39.89 2.15 0.00	47.52 2.56 0.00	54.89 2.96 0.00	55.81 2.86 0.00	44.73 2.57 0.00	40.70 2.52 0.00	39.57 2.48 0.00	37.75 2.50 0.00	37.64 2.56 0.00	37.42 2.38 0.00	38.44 2.28 0.00	46.42 2.67 0.00	62.75 3.10 0.00	73.90 3.79 0.00	67.83 3.23 0.00	60.54 3.05 0.00	53.93 2.76 0.00	51.22 2.30 0.00	46.20 1.86 0.00
TEALLAVE_115KV_TB7 355573	39.79 -0.48 0.00	37.98 -0.31 0.00	36.25 -0.22 0.00	36.15 -0.25 0.00	36.63 -0.22 0.00	37.40 -0.34 0.00	44.46 -0.49 0.00	51.35 -0.57 0.00	52.47 -0.48 0.00	41.82 -0.34 0.00	37.95 -0.23 0.00	36.79 -0.30 0.00	35.00 -0.25 0.00	34.86 -0.21 0.00	34.76 -0.28 0.00	35.87 -0.29 0.00	43.23 -0.53 0.00	58.87 -0.78 0.00	69.21 -0.91 0.00	63.76 -0.84 0.00	56.69 -0.80 0.00	50.55 -0.61 0.00	48.43 -0.49 0.00	43.89 -0.44 0.00
TELGRAPH_34_KV_EAST 80808	37.73 -2.54 0.00	37.13 -1.15 0.00	35.89 -0.58 0.00	35.71 -0.69 0.00	36.22 -0.63 0.00	37.25 -0.49 0.00	43.52 -1.44 0.00	49.33 -2.60 0.00	50.78 -2.17 0.00	40.89 -1.26 0.00	37.22 -0.95 0.00	35.94 -1.15 0.00	34.33 -0.92 0.00	34.06 -1.02 0.00	33.67 -1.37 0.00	34.97 -1.19 0.00	41.52 -2.23 0.00	55.89 -3.76 0.00	65.84 -4.28 0.00	60.85 -3.75 0.00	53.93 -3.56 0.00	49.07 -2.10 0.00	48.14 -0.78 0.00	44.74 0.40 0.00
TEMPLE___115KV_TB 2 55572	39.83 -0.44 0.00	38.01 -0.27 0.00	36.25 -0.22 0.00	36.19 -0.22 0.00	36.63 -0.22 0.00	37.43 -0.30 0.00	44.51 -0.45 0.00	51.35 -0.57 0.00	52.47 -0.48 0.00	41.86 -0.30 0.00	37.95 -0.23 0.00	36.83 -0.26 0.00	35.04 -0.21 0.00	34.90 -0.18 0.00	34.76 -0.28 0.00	35.87 -0.29 0.00	43.27 -0.48 0.00	58.87 -0.78 0.00	69.28 -0.84 0.00	63.76 -0.84 0.00	56.69 -0.80 0.00	50.55 -0.61 0.00	48.43 -0.49 0.00	43.89 -0.44 0.00
TIANA____69_KV_BK 1 55817	42.20 1.93 0.01	39.35 1.07 0.01	37.12 0.66 0.01	37.02 0.62 0.01	37.40 0.55 0.01	39.01 1.28 0.01	36.78 0.85 9.03	47.73 -1.09 3.11	40.73 -1.54 10.69	33.16 0.30 9.30	35.83 1.41 3.76	34.95 1.11 3.25	36.83 1.59 0.01	37.60 2.53 0.00	35.54 1.37 0.86	37.46 1.30 0.01	45.41 1.66 0.01	53.82 0.30 6.13	63.86 1.61 7.87	53.10 1.23 12.73	50.42 0.92 7.99	48.21 0.97 3.93	47.30 -0.24 1.38	44.86 0.53 0.01

TILDEN___115KV_TB1 80814	39.99 -0.28 0.00	38.13 -0.15 0.00	36.36 -0.11 0.00	36.30 -0.11 0.00	36.74 -0.11 0.00	37.55 -0.19 0.00	44.64 -0.31 0.00	51.56 -0.36 0.00	52.69 -0.26 0.00	41.99 -0.17 0.00	38.06 -0.11 0.00	36.90 -0.19 0.00	35.11 -0.14 0.00	34.97 -0.11 0.00	34.86 -0.18 0.00	35.98 -0.18 0.00	43.41 -0.35 0.00	59.11 -0.54 0.00	69.56 -0.56 0.00	64.08 -0.52 0.00	56.97 -0.52 0.00	50.76 -0.41 0.00	48.63 -0.29 0.00	44.07 -0.27 0.00
TRIGEN___CC 323695	43.05 2.78 0.00	40.31 2.03 0.00	38.11 1.64 0.00	38.04 1.64 0.00	38.44 1.58 0.00	39.70 1.96 0.00	47.16 2.20 0.00	52.81 0.88 0.00	53.48 0.53 0.00	43.80 1.64 0.00	40.73 2.56 0.00	39.31 2.23 0.00	37.72 2.47 0.00	38.34 3.26 0.00	37.45 2.42 0.00	38.48 2.31 0.00	46.64 2.89 0.00	61.62 1.97 0.00	74.75 3.23 -1.41	69.60 2.71 -2.28	59.85 2.36 0.00	54.07 2.20 -0.70	50.15 1.22 0.00	46.02 1.68 0.00
TRINITY___115KV___4 BK 55933	41.48 1.21 0.00	39.28 1.00 0.00	37.39 0.91 0.00	37.35 0.95 0.00	37.74 0.88 0.00	38.75 1.02 0.00	46.17 1.21 0.00	53.38 1.45 0.00	54.33 1.38 0.00	43.21 1.05 0.00	38.94 0.76 0.00	37.68 0.59 0.00	35.78 0.53 0.00	35.67 0.60 0.00	35.77 0.74 0.00	36.96 0.80 0.00	44.63 0.88 0.00	60.96 1.31 0.00	71.52 1.40 0.00	65.70 1.10 0.00	58.41 0.92 0.00	51.78 0.61 0.00	49.32 0.39 0.00	44.56 0.22 0.00
UNION___PROCESSING_DRP 323587	38.66 -1.61 0.00	37.56 -0.73 0.00	36.11 -0.36 0.00	35.93 -0.47 0.00	36.41 -0.44 0.00	37.32 -0.42 0.00	44.15 -0.81 0.00	50.58 -1.35 0.00	51.89 -1.06 0.00	41.65 -0.51 0.00	37.87 -0.31 0.00	36.68 -0.41 0.00	34.93 -0.32 0.00	34.69 -0.39 0.00	34.44 -0.60 0.00	35.69 -0.47 0.00	42.66 -1.09 0.00	57.68 -1.97 0.00	67.87 -2.24 0.00	62.66 -1.94 0.00	55.54 -1.95 0.00	50.09 -1.07 0.00	48.63 -0.29 0.00	44.51 0.18 0.00
UPPER HUDSON___HYD 24058	41.60 1.33 0.00	39.39 1.11 0.00	37.42 0.95 0.00	37.46 1.06 0.00	37.85 1.00 0.00	38.91 1.17 0.00	46.22 1.26 0.00	53.48 1.56 0.00	54.32 1.37 0.00	43.08 0.93 0.00	39.78 1.60 0.00	38.28 1.19 0.00	36.27 1.02 0.00	36.06 0.98 0.00	36.19 1.15 0.00	37.46 1.30 0.00	44.63 0.87 0.00	61.26 1.61 0.00	72.15 2.03 0.00	66.15 1.55 0.00	58.87 1.38 0.00	52.29 1.12 0.00	49.90 0.98 0.00	45.04 0.71 0.00
UPPER RAQUET___HYD 24056	40.47 0.20 0.00	38.48 0.19 0.00	36.62 0.15 0.00	36.51 0.11 0.00	37.04 0.19 0.00	37.93 0.19 0.00	45.45 0.50 0.00	52.65 0.73 0.00	53.75 0.80 0.00	42.45 0.30 0.00	38.52 0.34 0.00	37.72 0.63 0.00	35.74 0.49 0.00	35.32 0.25 0.00	35.32 0.28 0.00	36.49 0.32 0.00	44.58 0.83 0.00	61.14 1.49 0.00	72.15 2.03 0.00	66.86 2.26 0.00	59.50 2.01 0.00	52.75 1.59 0.00	50.64 1.71 0.00	45.80 1.46 0.00
VALLEY44_115KV_TB2 355964	36.69 -3.58 0.00	35.99 -2.30 0.00	34.80 -1.68 0.00	34.73 -1.67 0.00	35.23 -1.62 0.00	36.30 -1.43 0.00	42.94 -2.02 0.00	48.91 -3.01 0.00	50.25 -2.70 0.00	40.43 -1.73 0.00	36.69 -1.49 0.00	35.42 -1.67 0.00	33.84 -1.41 0.00	33.60 -1.47 0.00	33.11 -1.93 0.00	34.36 -1.81 0.00	40.78 -2.98 0.00	55.12 -4.53 0.00	65.49 -4.63 0.00	60.34 -4.26 0.00	53.52 -3.97 0.00	48.50 -2.66 0.00	47.70 -1.22 0.00	43.76 -0.58 0.00
VALLEY___115KV_TB 1-4 80826	40.43 0.16 0.00	38.40 0.11 0.00	36.58 0.11 0.00	36.48 0.07 0.00	37.00 0.15 0.00	37.92 0.19 0.00	45.23 0.27 0.00	52.34 0.42 0.00	53.37 0.42 0.00	42.37 0.21 0.00	38.37 0.19 0.00	37.31 0.22 0.00	35.39 0.14 0.00	35.25 0.18 0.00	35.21 0.18 0.00	36.38 0.22 0.00	44.11 0.35 0.00	60.31 0.66 0.00	71.17 1.05 0.00	65.70 1.10 0.00	58.47 0.98 0.00	52.14 0.97 0.00	49.90 0.98 0.00	45.27 0.93 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.08 1.81 0.00	39.97 1.68 0.00	38.01 1.53 0.00	37.86 1.46 0.00	38.44 1.58 0.00	39.47 1.74 0.00	47.07 2.11 0.00	54.52 2.60 0.00	55.70 2.75 0.00	44.10 1.94 0.00	40.01 1.83 0.00	39.02 1.93 0.00	36.98 1.73 0.00	36.86 1.79 0.00	36.68 1.65 0.00	37.86 1.70 0.00	45.90 2.14 0.00	62.51 2.86 0.00	73.69 3.58 0.00	67.90 3.29 0.00	60.25 2.76 0.00	53.67 2.51 0.00	51.17 2.25 0.00	46.33 2.00 0.00
VISCHER___FERRY HYD 24020	41.64 1.37 0.00	39.39 1.11 0.00	37.49 1.02 0.00	37.50 1.09 0.00	37.88 1.03 0.00	38.91 1.17 0.00	46.35 1.40 0.00	53.64 1.71 0.00	54.59 1.64 0.00	43.25 1.09 0.00	39.06 0.88 0.00	37.76 0.67 0.00	35.89 0.64 0.00	35.67 0.60 0.00	35.81 0.77 0.00	37.03 0.87 0.00	44.89 1.14 0.00	61.38 1.73 0.00	71.80 1.68 0.00	65.96 1.36 0.00	58.58 1.09 0.00	52.03 0.87 0.00	49.46 0.54 0.00	44.60 0.27 0.00
V_A_10_SYNC_DSASP 323832	37.61 -2.66 0.00	36.90 -1.38 0.00	35.60 -0.88 0.00	35.46 -0.95 0.00	35.93 -0.92 0.00	36.87 -0.87 0.00	43.39 -1.57 0.00	49.38 -2.54 0.00	50.73 -2.22 0.00	40.85 -1.31 0.00	37.18 -0.99 0.00	35.94 -1.15 0.00	34.33 -0.92 0.00	34.09 -0.98 0.00	33.74 -1.30 0.00	35.01 -1.16 0.00	41.57 -2.19 0.00	55.89 -3.76 0.00	65.77 -4.35 0.00	60.72 -3.88 0.00	53.93 -3.56 0.00	48.86 -2.30 0.00	47.85 -1.08 0.00	44.07 -0.27 0.00
V_CMM_10_SYNC_DSASP 323787	40.11 -0.16 0.00	38.13 -0.15 0.00	36.29 -0.18 0.00	36.22 -0.18 0.00	36.67 -0.18 0.00	37.55 -0.19 0.00	44.91 -0.04 0.00	51.93 0.00 0.00	53.06 0.11 0.00	42.11 -0.04 0.00	38.22 0.04 0.00	37.31 0.22 0.00	35.43 0.18 0.00	35.11 0.04 0.00	35.11 0.07 0.00	36.20 0.04 0.00	44.02 0.26 0.00	60.19 0.54 0.00	70.82 0.70 0.00	65.38 0.78 0.00	58.35 0.86 0.00	51.78 0.61 0.00	49.66 0.73 0.00	44.96 0.62 0.00
V_CMP_10_SYNC_DSASP 323788	39.38 -0.89 0.00	37.40 -0.88 0.00	35.60 -0.88 0.00	35.57 -0.84 0.00	36.04 -0.81 0.00	36.94 -0.79 0.00	44.24 -0.72 0.00	51.25 -0.68 0.00	52.37 -0.58 0.00	41.61 -0.55 0.00	37.76 -0.42 0.00	36.90 -0.18 0.00	35.07 -0.18 0.00	34.69 -0.39 0.00	34.72 -0.32 0.00	35.84 -0.33 0.00	43.76 0.00 0.00	60.07 0.42 0.00	70.82 0.70 0.00	65.63 1.03 0.00	58.58 1.09 0.00	52.03 0.87 0.00	50.00 1.07 0.00	45.31 0.97 0.00
V_D_10_SYNC_DSASP 323841	40.39 0.12 0.00	38.44 0.15 0.00	36.55 0.07 0.00	36.51 0.11 0.00	36.96 0.11 0.00	37.85 0.11 0.00	45.32 0.36 0.00	52.39 0.47 0.00	53.53 0.58 0.00	42.45 0.30 0.00	38.52 0.34 0.00	37.65 0.56 0.00	35.71 0.46 0.00	35.35 0.28 0.00	35.35 0.31 0.00	36.49 0.32 0.00	44.41 0.66 0.00	60.72 1.07 0.00	71.52 1.40 0.00	66.15 1.55 0.00	58.98 1.49 0.00	52.29 1.12 0.00	50.19 1.27 0.00	45.40 1.06 0.00
V_E_10_SYNC_DSASP 323830	41.60 1.33 0.00	39.82 1.53 0.00	37.93 1.46 0.00	37.68 1.27 0.00	38.47 1.62 0.00	39.62 1.89 0.00	47.38 2.43 0.00	55.04 3.12 0.00	56.23 3.28 0.00	43.93 1.77 0.00	39.74 1.57 0.00	38.87 1.78 0.00	36.73 1.48 0.00	36.66 1.58 0.00	36.44 1.40 0.00	37.83 1.66 0.00	46.07 2.32 0.00	63.59 3.94 0.00	75.66 5.54 0.00	69.83 5.23 0.00	61.75 4.25 0.00	54.90 3.73 0.00	52.64 3.72 0.00	47.80 3.46 0.00

V_F_30_NSYNC___DSASP 323816	41.92 1.65 0.00	39.70 1.42 0.00	37.79 1.31 0.00	37.75 1.35 0.00	38.18 1.33 0.00	39.21 1.47 0.00	46.71 1.75 0.00	54.05 2.13 0.00	54.96 2.01 0.00	43.59 1.43 0.00	39.17 0.99 0.00	37.79 0.70 0.00	35.81 0.56 0.00	35.67 0.60 0.00	35.81 0.77 0.00	37.03 0.87 0.00	45.02 1.27 0.00	61.86 2.21 0.00	72.71 2.59 0.00	66.73 2.13 0.00	59.33 1.84 0.00	52.60 1.43 0.00	50.15 1.22 0.00	45.31 0.98 0.00
V_F_30_SYNC_DSASP 323786	41.68 1.41 0.00	39.47 1.19 0.00	37.57 1.09 0.00	37.53 1.13 0.00	37.92 1.07 0.00	38.94 1.21 0.00	46.40 1.44 0.00	53.64 1.71 0.00	54.59 1.64 0.00	43.42 1.26 0.00	39.13 0.95 0.00	37.87 0.78 0.00	35.92 0.67 0.00	35.81 0.74 0.00	35.91 0.88 0.00	37.10 0.94 0.00	44.85 1.09 0.00	61.32 1.67 0.00	71.94 1.82 0.00	66.09 1.49 0.00	58.76 1.26 0.00	52.09 0.92 0.00	49.61 0.68 0.00	44.82 0.49 0.00
V_XM_10_SYNC_DSASP 323789	39.38 -0.89 0.00	37.40 -0.88 0.00	35.60 -0.88 0.00	35.57 -0.84 0.00	36.04 -0.81 0.00	36.94 -0.79 0.00	44.28 -0.67 0.00	51.25 -0.68 0.00	52.37 -0.58 0.00	41.61 -0.55 0.00	37.76 -0.42 0.00	36.90 -0.19 0.00	35.07 -0.18 0.00	34.69 -0.39 0.00	34.72 -0.32 0.00	35.84 -0.33 0.00	43.76 0.00 0.00	60.07 0.42 0.00	70.82 0.70 0.00	65.57 0.97 0.00	58.64 1.15 0.00	52.03 0.87 0.00	50.00 1.08 0.00	45.31 0.98 0.00
W.BABYLN_69_KV_BK1 56697	43.41 3.14 0.01	40.54 2.26 0.01	38.29 1.82 0.01	38.18 1.78 0.01	38.58 1.73 0.01	39.92 2.19 0.01	46.74 2.47 0.69	50.86 0.57 1.64	50.56 0.32 2.71	43.05 1.60 0.71	40.56 2.67 0.29	39.10 2.26 0.25	37.78 2.54 0.01	38.55 3.47 0.00	37.53 2.56 0.07	38.58 2.42 0.01	46.81 3.06 0.01	56.93 1.79 4.51	67.52 3.23 5.82	57.90 2.71 9.42	53.92 2.30 5.88	50.41 2.15 2.90	48.94 1.03 1.01	46.24 1.91 0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.01 2.74 0.00	40.54 2.26 0.00	38.44 1.97 0.00	38.41 2.00 0.00	38.84 1.99 0.00	40.00 2.26 0.00	47.66 2.70 0.00	55.04 3.12 0.00	55.97 3.02 0.00	44.90 2.74 0.00	40.85 2.67 0.00	39.68 2.60 0.00	37.86 2.61 0.00	37.74 2.67 0.00	37.52 2.49 0.00	38.55 2.39 0.00	46.60 2.84 0.00	63.05 3.40 0.00	74.19 4.07 0.00	68.15 3.55 0.00	60.77 3.28 0.00	54.18 3.02 0.00	51.42 2.50 0.00	46.38 2.04 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.13 2.86 0.00	40.62 2.34 0.00	38.52 2.04 0.00	38.48 2.08 0.00	38.92 2.06 0.00	40.11 2.38 0.00	47.75 2.79 0.00	55.20 3.27 0.00	56.13 3.18 0.00	45.11 2.95 0.00	41.08 2.90 0.00	39.94 2.86 0.00	38.14 2.89 0.00	38.06 2.98 0.00	37.81 2.77 0.00	38.77 2.60 0.00	46.82 3.06 0.00	63.11 3.46 0.00	74.26 4.14 0.00	68.22 3.62 0.00	60.94 3.45 0.00	54.29 3.12 0.00	51.47 2.54 0.00	46.46 2.13 0.00
W50THST__13_KV_LOAD 356117	43.29 3.02 0.00	40.77 2.49 0.00	38.66 2.19 0.00	38.66 2.26 0.00	39.06 2.21 0.00	40.26 2.53 0.00	47.93 2.97 0.00	55.46 3.53 0.00	56.39 3.44 0.00	45.32 3.16 0.00	41.27 3.09 0.00	40.13 3.04 0.00	38.35 3.10 0.00	38.23 3.16 0.00	37.98 2.94 0.00	38.95 2.78 0.00	47.04 3.28 0.00	63.41 3.76 0.00	74.61 4.49 0.00	68.48 3.88 0.00	61.23 3.74 0.00	54.49 3.33 0.00	51.71 2.79 0.00	46.69 2.35 0.00
WADING RIVER_IC_1 23522	41.88 1.61 0.01	38.93 0.65 0.01	36.83 0.36 0.01	36.69 0.29 0.01	37.17 0.33 0.01	38.60 0.87 0.01	36.30 0.40 9.06	48.04 -0.78 3.11	40.54 -1.70 10.71	32.75 -0.08 9.32	35.47 1.07 3.77	34.68 0.85 3.26	36.20 0.95 0.01	37.32 2.25 0.00	35.22 1.05 0.86	37.17 1.01 0.01	44.84 1.09 0.01	53.28 -0.24 6.13	62.87 0.63 7.88	52.31 0.46 12.75	49.61 0.12 8.00	47.54 0.31 3.93	46.86 -0.68 1.38	44.46 0.13 0.01
WADING RIVER_IC_2 23547	41.88 1.61 0.01	38.93 0.65 0.01	36.83 0.36 0.01	36.69 0.29 0.01	37.17 0.33 0.01	38.60 0.87 0.01	36.30 0.40 9.06	48.04 -0.78 3.11	40.54 -1.70 10.71	32.75 -0.08 9.32	35.47 1.07 3.77	34.68 0.85 3.26	36.20 0.95 0.01	37.32 2.25 0.00	35.22 1.05 0.86	37.17 1.01 0.01	44.84 1.09 0.01	53.28 -0.24 6.13	62.87 0.63 7.88	52.31 0.46 12.75	49.61 0.12 8.00	47.54 0.31 3.93	46.86 -0.68 1.38	44.46 0.13 0.01
WADING RIVER_IC_3 23601	41.88 1.61 0.01	38.93 0.65 0.01	36.83 0.36 0.01	36.69 0.29 0.01	37.17 0.33 0.01	38.60 0.87 0.01	36.30 0.40 9.06	48.04 -0.78 3.11	40.54 -1.70 10.71	32.75 -0.08 9.32	35.47 1.07 3.77	34.68 0.85 3.26	36.20 0.95 0.01	37.32 2.25 0.00	35.22 1.05 0.86	37.17 1.01 0.01	44.84 1.09 0.01	53.28 -0.24 6.13	62.87 0.63 7.88	52.31 0.46 12.75	49.61 0.12 8.00	47.54 0.31 3.93	46.86 -0.68 1.38	44.46 0.13 0.01
WALDENNY_12_KV_BK2 80841	37.13 -3.14 0.00	36.56 -1.72 0.00	35.38 -1.09 0.00	35.28 -1.13 0.00	35.78 -1.07 0.00	36.83 -0.91 0.00	43.25 -1.71 0.00	49.12 -2.80 0.00	50.51 -2.44 0.00	40.72 -1.43 0.00	37.07 -1.11 0.00	35.79 -1.30 0.00	34.23 -1.02 0.00	34.02 -1.05 0.00	33.53 -1.51 0.00	34.86 -1.30 0.00	41.31 -2.45 0.00	55.59 -4.06 0.00	65.63 -4.49 0.00	60.66 -3.94 0.00	53.81 -3.68 0.00	48.91 -2.25 0.00	48.09 -0.83 0.00	44.47 0.13 0.00
WALDEN___HYDRO 24148	42.81 2.54 0.00	40.39 2.11 0.00	38.30 1.82 0.00	38.30 1.89 0.00	38.69 1.84 0.00	39.81 2.08 0.00	47.48 2.52 0.00	54.83 2.91 0.00	55.76 2.81 0.00	44.64 2.49 0.00	40.54 2.37 0.00	39.39 2.30 0.00	37.54 2.29 0.00	37.43 2.35 0.00	37.28 2.24 0.00	38.33 2.17 0.00	46.38 2.63 0.00	62.87 3.22 0.00	73.97 3.86 0.00	67.90 3.29 0.00	60.60 3.10 0.00	53.98 2.81 0.00	51.27 2.35 0.00	46.24 1.91 0.00
WARRENSBURG____ 23737	41.60 1.33 0.00	39.39 1.11 0.00	37.46 0.98 0.00	37.46 1.06 0.00	37.85 0.99 0.00	38.91 1.17 0.00	46.26 1.30 0.00	53.54 1.61 0.00	54.33 1.38 0.00	43.13 0.97 0.00	38.71 0.53 0.00	37.27 0.19 0.00	35.29 0.04 0.00	35.15 0.07 0.00	35.28 0.25 0.00	36.49 0.33 0.00	44.54 0.79 0.00	61.26 1.61 0.00	72.22 2.10 0.00	66.22 1.62 0.00	58.93 1.44 0.00	52.19 1.02 0.00	49.85 0.93 0.00	45.05 0.71 0.00
WATERSIDE___6 8 9 23538	43.21 2.94 0.00	40.62 2.34 0.00	38.52 2.04 0.00	38.52 2.11 0.00	38.92 2.06 0.00	40.04 2.30 0.00	47.57 2.61 0.00	54.89 2.96 0.00	55.70 2.75 0.00	44.90 2.74 0.00	40.93 2.75 0.00	39.83 2.74 0.00	38.07 2.82 0.00	37.99 2.91 0.00	37.74 2.70 0.00	38.66 2.50 0.00	46.69 2.93 0.00	62.75 3.10 0.00	73.76 3.65 0.01	67.76 3.17 0.01	60.65 3.16 0.00	54.08 2.92 0.00	51.37 2.45 0.00	46.46 2.13 0.00
WATKINRD_115KV_LN8_ILLION 55919	40.47 0.20 0.00	38.47 0.19 0.00	36.66 0.18 0.00	36.55 0.15 0.00	37.04 0.18 0.00	37.96 0.23 0.00	45.23 0.27 0.00	52.34 0.42 0.00	53.37 0.42 0.00	42.41 0.25 0.00	38.41 0.23 0.00	37.31 0.22 0.00	35.43 0.18 0.00	35.29 0.21 0.00	35.25 0.21 0.00	36.38 0.22 0.00	44.06 0.31 0.00	60.25 0.60 0.00	70.96 0.84 0.00	65.44 0.84 0.00	58.24 0.75 0.00	51.88 0.72 0.00	49.61 0.68 0.00	44.96 0.62 0.00

WDELAWARE___HYD 323627	42.85 2.58 0.00	40.46 2.18 0.00	38.37 1.90 0.00	38.33 1.93 0.00	38.84 1.99 0.00	39.85 2.11 0.00	47.61 2.65 0.00	55.04 3.12 0.00	56.02 3.07 0.00	44.60 2.44 0.00	40.47 2.29 0.00	39.28 2.19 0.00	37.33 2.08 0.00	37.22 2.14 0.00	37.14 2.10 0.00	38.26 2.10 0.00	46.38 2.63 0.00	63.05 3.40 0.00	74.25 4.14 0.00	68.28 3.68 0.00	60.77 3.28 0.00	54.18 3.02 0.00	51.56 2.64 0.00	46.60 2.26 0.00
WEST BABYLON___IC 23714	43.41 3.14 0.01	40.54 2.26 0.01	38.29 1.82 0.01	38.18 1.78 0.01	38.58 1.73 0.01	39.92 2.19 0.01	46.74 2.47 0.69	50.86 0.57 1.64	50.56 0.32 2.71	43.05 1.60 0.71	40.56 2.67 0.29	39.10 2.26 0.25	37.78 2.54 0.01	38.55 3.47 0.00	37.53 2.56 0.07	38.58 2.42 0.01	46.81 3.06 0.01	56.93 1.79 4.51	67.52 3.23 5.82	57.90 2.71 9.42	53.92 2.30 5.88	50.41 2.15 2.90	48.94 1.03 1.01	46.24 1.91 0.01
WEST CANADA___HYD 24049	40.43 0.16 0.00	38.44 0.15 0.00	36.62 0.15 0.00	36.51 0.11 0.00	37.00 0.15 0.00	37.89 0.15 0.00	45.14 0.18 0.00	52.13 0.21 0.00	53.16 0.21 0.00	42.28 0.13 0.00	38.29 0.11 0.00	37.16 0.07 0.00	35.32 0.07 0.00	35.18 0.11 0.00	35.14 0.11 0.00	36.27 0.11 0.00	43.89 0.13 0.00	59.83 0.18 0.00	70.33 0.21 0.00	64.79 0.19 0.00	57.61 0.12 0.00	51.32 0.15 0.00	49.02 0.10 0.00	44.38 0.04 0.00
WESTERN_NY_WIND 24143	38.30 -1.97 0.00	37.59 -0.69 0.00	36.33 -0.15 0.00	36.11 -0.29 0.00	36.63 -0.22 0.00	37.62 -0.11 0.00	44.15 -0.81 0.00	50.16 -1.77 0.00	51.57 -1.38 0.00	41.44 -0.72 0.00	37.72 -0.46 0.00	36.42 -0.67 0.00	34.72 -0.53 0.00	34.44 -0.63 0.00	34.05 -0.98 0.00	35.40 -0.76 0.00	42.18 -1.58 0.00	56.91 -2.74 0.00	67.17 -2.94 0.00	62.02 -2.58 0.00	54.90 -2.59 0.00	49.89 -1.28 0.00	48.83 -0.10 0.00	45.27 0.93 0.00
WESTOVER___LESR 323668	40.31 0.04 0.00	38.55 0.27 0.00	36.80 0.33 0.00	36.73 0.33 0.00	37.22 0.37 0.00	38.15 0.42 0.00	45.41 0.45 0.00	52.29 0.36 0.00	53.37 0.42 0.00	42.58 0.42 0.00	38.60 0.42 0.00	37.42 0.33 0.00	35.60 0.35 0.00	35.46 0.39 0.00	35.28 0.25 0.00	36.45 0.29 0.00	43.93 0.18 0.00	59.71 0.06 0.00	70.40 0.28 0.00	64.79 0.19 0.00	57.66 0.17 0.00	51.47 0.31 0.00	49.41 0.49 0.00	44.91 0.58 0.00
WETHRSFD_WT_PWR 323626	36.48 -3.79 0.00	35.95 -2.34 0.00	34.98 -1.50 0.00	34.80 -1.60 0.00	35.23 -1.62 0.00	36.45 -1.28 0.00	43.20 -1.75 0.00	48.97 -2.96 0.00	50.41 -2.54 0.00	40.55 -1.60 0.00	36.38 -1.79 0.00	35.16 -1.93 0.00	33.52 -1.73 0.00	33.46 -1.61 0.00	33.04 -2.00 0.00	34.25 -1.92 0.00	40.78 -2.98 0.00	55.71 -3.94 0.00	66.61 -3.50 0.00	61.44 -3.16 0.00	54.27 -3.22 0.00	48.86 -2.30 0.00	48.04 -0.88 0.00	44.29 -0.04 0.00
WHAVSTOR_138KV_BK127 55557	42.81 2.54 0.00	40.35 2.07 0.00	38.30 1.82 0.00	38.26 1.86 0.00	38.69 1.84 0.00	39.85 2.11 0.00	47.48 2.52 0.00	54.83 2.91 0.00	55.76 2.81 0.00	44.69 2.53 0.00	40.70 2.52 0.00	39.54 2.45 0.00	37.72 2.47 0.00	37.60 2.53 0.00	37.38 2.35 0.00	38.41 2.24 0.00	46.42 2.67 0.00	62.69 3.04 0.00	73.83 3.72 0.00	67.77 3.17 0.00	60.48 2.99 0.00	53.88 2.71 0.00	51.17 2.25 0.00	46.15 1.82 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.81 2.54 0.00	40.35 2.07 0.00	38.30 1.82 0.00	38.26 1.86 0.00	38.69 1.84 0.00	39.85 2.11 0.00	47.48 2.52 0.00	54.83 2.91 0.00	55.76 2.81 0.00	44.69 2.53 0.00	40.70 2.52 0.00	39.54 2.45 0.00	37.72 2.47 0.00	37.60 2.53 0.00	37.38 2.35 0.00	38.41 2.24 0.00	46.42 2.67 0.00	62.69 3.04 0.00	73.83 3.72 0.00	67.77 3.17 0.00	60.48 2.99 0.00	53.88 2.71 0.00	51.17 2.25 0.00	46.15 1.82 0.00
WHITEHAL_115KV_TB1 80871	42.28 2.01 0.00	40.01 1.72 0.00	38.04 1.57 0.00	38.04 1.64 0.00	38.44 1.58 0.00	39.55 1.81 0.00	47.03 2.07 0.00	54.52 2.60 0.00	55.23 2.28 0.00	43.76 1.60 0.00	39.25 1.07 0.00	37.68 0.59 0.00	35.64 0.39 0.00	35.46 0.39 0.00	35.63 0.60 0.00	36.89 0.72 0.00	45.20 1.44 0.00	62.39 2.74 0.00	73.76 3.65 0.00	67.57 2.97 0.00	60.02 2.53 0.00	53.16 2.00 0.00	50.73 1.81 0.00	45.84 1.51 0.00
WHITEPLN_13_KV_LOAD 356215	43.21 2.94 0.00	40.77 2.49 0.00	38.63 2.15 0.00	38.59 2.18 0.00	39.06 2.21 0.00	40.23 2.49 0.00	47.88 2.92 0.00	55.25 3.32 0.00	56.23 3.28 0.00	45.07 2.91 0.00	41.04 2.86 0.00	39.94 2.86 0.00	38.07 2.82 0.00	37.95 2.88 0.00	37.77 2.73 0.00	38.77 2.60 0.00	46.86 3.11 0.00	63.35 3.70 0.00	74.54 4.42 0.00	68.48 3.88 0.00	61.06 3.56 0.00	54.44 3.27 0.00	51.62 2.69 0.00	46.55 2.22 0.00
WM_FLOYD_69_KV_BK2 356380	42.36 2.09 0.01	39.50 1.23 0.01	37.31 0.84 0.01	37.16 0.76 0.01	37.54 0.70 0.01	39.13 1.40 0.01	37.15 1.12 8.93	48.01 -0.83 3.09	41.14 -1.22 10.59	33.47 0.51 9.20	36.06 1.60 3.72	35.17 1.30 3.21	36.97 1.73 0.01	37.74 2.67 0.00	35.73 1.54 0.85	37.64 1.48 0.01	45.63 1.88 0.01	54.03 0.48 6.10	64.11 1.82 7.83	53.35 1.42 12.67	50.69 1.15 7.95	48.44 1.18 3.91	47.51 -0.05 1.37	45.04 0.71 0.01
WOODARD___115KV_TB2 355635	39.75 -0.52 0.00	37.94 -0.34 0.00	36.18 -0.29 0.00	36.11 -0.29 0.00	36.56 -0.29 0.00	37.36 -0.38 0.00	44.42 -0.54 0.00	51.30 -0.62 0.00	52.37 -0.58 0.00	41.78 -0.38 0.00	37.87 -0.31 0.00	36.75 -0.33 0.00	34.97 -0.28 0.00	34.83 -0.25 0.00	34.72 -0.32 0.00	35.84 -0.33 0.00	43.19 -0.57 0.00	58.75 -0.89 0.00	69.14 -0.98 0.00	63.70 -0.90 0.00	56.63 -0.86 0.00	50.50 -0.67 0.00	48.39 -0.54 0.00	43.85 -0.49 0.00
WOODMERE_69_KV_BK1 55827	43.50 3.22 -0.01	40.70 2.41 -0.01	38.49 2.01 -0.01	38.38 1.97 -0.01	38.78 1.92 -0.01	40.08 2.34 -0.01	47.62 2.65 -0.01	55.50 1.14 -2.43	57.02 0.79 -3.28	44.10 1.94 -0.01	41.12 2.94 -0.01	39.62 2.52 -0.01	38.04 2.78 -0.01	38.69 3.61 0.00	37.78 2.73 -0.01	38.81 2.64 -0.01	47.09 3.33 -0.01	69.13 2.51 -6.98	80.57 3.93 -6.53	78.58 3.42 -10.56	69.52 2.93 -9.10	57.13 2.71 -3.26	52.15 1.66 -1.57	46.52 2.17 -0.01
YORK___WARBASSE 23770	43.49 3.22 0.00	40.89 2.60 0.00	38.77 2.30 0.00	38.74 2.33 0.00	39.14 2.28 0.00	40.23 2.49 0.00	47.75 2.79 0.00	55.04 3.12 0.00	55.81 2.86 0.00	44.94 2.78 0.00	40.96 2.79 0.00	39.91 2.82 0.00	38.18 2.93 0.00	38.09 3.02 0.00	37.84 2.80 0.00	38.77 2.60 0.00	46.86 3.11 0.00	62.99 3.34 0.00	74.25 4.14 0.01	68.21 3.62 0.01	60.88 3.39 0.00	54.34 3.17 0.00	51.71 2.79 0.00	46.78 2.44 0.00