

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/21/2025

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	49.01	42.71	38.83	36.31	36.30	37.52	40.70	43.15	43.62	41.19	44.76	49.60	50.86	52.85	54.10	55.87	59.12	68.68	77.26	71.99	60.98	55.53	51.46	46.59
24138	3.84	3.02	2.78	2.56	2.44	2.52	2.91	3.42	3.68	3.50	3.75	3.99	4.18	4.41	4.62	5.16	5.57	5.90	5.26	4.65	3.72	3.44	3.50	3.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.88	-5.26	-6.05	-5.58	-5.89	-2.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	49.10	42.75	38.87	36.38	36.33	37.52	40.74	43.15	43.58	41.19	44.72	49.57	50.85	52.83	54.08	55.88	59.01	68.55	77.26	71.99	60.98	55.59	51.56	46.68
24260	3.93	3.06	2.81	2.63	2.47	2.52	2.95	3.42	3.64	3.50	3.68	3.95	4.14	4.37	4.58	5.16	5.46	5.78	5.26	4.65	3.72	3.49	3.60	3.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.92	-5.28	-6.08	-5.61	-5.91	-2.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	49.10	42.75	38.87	36.38	36.33	37.52	40.74	43.15	43.58	41.19	44.72	49.57	50.85	52.83	54.08	55.88	59.01	68.55	77.26	71.99	60.98	55.59	51.56	46.68
24261	3.93	3.06	2.81	2.63	2.47	2.52	2.95	3.42	3.64	3.50	3.68	3.95	4.14	4.37	4.58	5.16	5.46	5.78	5.26	4.65	3.72	3.49	3.60	3.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.92	-5.28	-6.08	-5.61	-5.91	-2.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	47.65	41.92	38.01	35.47	35.59	36.82	39.64	41.68	41.66	38.97	37.87	41.32	41.22	43.49	44.35	48.91	54.94	64.91	74.67	70.64	60.35	54.86	50.27	45.16
24011	2.48	2.22	1.95	1.72	1.73	1.82	1.85	1.95	1.72	1.28	0.93	1.05	0.89	0.90	1.05	1.29	1.39	2.13	2.66	3.30	3.09	2.76	2.30	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.07	0.29	0.27	0.28	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	47.65	41.92	38.04	35.44	35.59	36.82	39.64	41.64	41.66	38.89	37.76	41.20	41.14	43.40	44.26	48.77	54.83	64.91	74.74	70.84	60.46	54.96	50.31	45.16
23798	2.48	2.22	1.98	1.69	1.73	1.82	1.85	1.91	1.72	1.21	0.82	0.93	0.81	0.81	0.96	1.14	1.28	2.14	2.74	3.50	3.20	2.86	2.35	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.07	0.29	0.27	0.28	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	47.65	41.92	38.01	35.47	35.59	36.82	39.64	41.68	41.66	38.97	37.87	41.32	41.22	43.49	44.35	48.91	54.94	64.91	74.67	70.64	60.35	54.86	50.27	45.16
24028	2.48	2.22	1.95	1.72	1.73	1.82	1.85	1.95	1.72	1.28	0.93	1.05	0.89	0.90	1.05	1.29	1.39	2.13	2.66	3.30	3.09	2.76	2.30	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.07	0.29	0.27	0.28	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	47.74	41.99	38.15	35.60	35.69	36.89	39.71	42.04	42.14	39.61	38.68	42.16	42.25	44.58	45.45	50.26	56.38	66.17	75.25	70.58	60.12	54.86	50.27	45.16
23527	2.57	2.30	2.09	1.85	1.83	1.89	1.93	2.30	2.20	1.92	1.78	1.90	1.99	2.06	2.22	2.67	2.84	3.39	3.24	3.23	2.86	2.76	2.30	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.08	0.36	0.34	0.35	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	46.03	40.37	36.85	34.56	34.57	35.70	38.43	40.53	40.67	38.25	37.56	40.88	40.84	43.00	43.85	48.38	54.24	63.53	72.29	67.82	57.72	52.62	48.35	43.60
24190	0.86	0.67	0.79	0.81	0.71	0.70	0.64	0.79	0.72	0.57	0.63	0.61	0.53	0.43	0.57	0.76	0.70	0.75	0.29	0.47	0.46	0.52	0.38	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.07	0.31	0.29	0.30	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	44.81	39.38	35.77	33.48	33.62	34.65	37.56	39.41	39.51	37.31	36.72	39.86	40.01	42.08	42.58	46.62	52.42	61.65	71.50	66.60	56.63	51.47	47.44	42.87
355683	-0.36	-0.32	-0.29	-0.27	-0.24	-0.35	-0.23	-0.32	-0.44	-0.38	-0.41	-0.48	-0.61	-0.77	-1.00	-1.15	-1.12	-1.13	-0.50	-0.74	-0.63	-0.63	-0.53	-0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.89	41.20	37.54	35.10	35.21	36.33	39.03	40.97	41.03	38.44	37.70	41.00	41.11	43.37	44.23	48.78	54.72	64.28	73.37	69.09	58.86	53.66	49.36	44.51
323833	1.72	1.51	1.48	1.35	1.36	1.33	1.25	1.23	1.08	0.75	0.74	0.73	0.77	0.77	0.92	1.14	1.18	1.50	1.36	1.75	1.60	1.56	1.39	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.06	0.28	0.26	0.27	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	46.89	41.20	37.50	35.06	35.18	36.33	39.03	40.92	40.98	38.44	37.70	41.00	41.11	43.37	44.23	48.78	54.72	64.22	73.37	69.09	58.86	53.61	49.30	44.47
323834	1.72	1.51	1.44	1.31	1.32	1.33	1.25	1.19	1.04	0.75	0.74	0.73	0.77	0.77	0.92	1.14	1.18	1.45	1.36	1.75	1.60	1.51	1.34	1.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.06	0.28	0.26	0.27	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	46.03	40.37	36.85	34.56	34.57	35.70	38.43	40.53	40.67	38.25	37.56	40.88	40.84	43.00	43.85	48.38	54.24	63.53	72.29	67.82	57.72	52.62	48.35	43.60
23571	0.86	0.67	0.79	0.81	0.71	0.70	0.64	0.79	0.72	0.57	0.63	0.61	0.53	0.43	0.57	0.76	0.70	0.75	0.29	0.47	0.46	0.52	0.38	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.07	0.31	0.29	0.30	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	46.03 0.86 0.00	40.37 0.67 0.00	36.85 0.79 0.00	34.56 0.81 0.00	34.57 0.71 0.00	35.70 0.70 0.00	38.43 0.64 0.00	40.53 0.79 0.00	40.67 0.72 0.00	38.25 0.57 0.00	37.56 0.63 0.20	40.88 0.61 0.07	40.84 0.53 0.31	43.00 0.43 0.29	43.85 0.57 0.30	48.38 0.76 0.15	54.24 0.70 0.00	63.53 0.75 0.00	72.29 0.29 0.00	67.82 0.47 0.00	57.72 0.46 0.00	52.62 0.52 0.00	48.35 0.38 0.00	43.60 0.30 0.00
ALBANY___3 23573	46.03 0.86 0.00	40.37 0.67 0.00	36.85 0.79 0.00	34.56 0.81 0.00	34.57 0.71 0.00	35.70 0.70 0.00	38.43 0.64 0.00	40.53 0.79 0.00	40.67 0.72 0.00	38.25 0.57 0.00	37.56 0.63 0.20	40.88 0.61 0.07	40.84 0.53 0.31	43.00 0.43 0.29	43.85 0.57 0.30	48.38 0.76 0.15	54.24 0.70 0.00	63.53 0.75 0.00	72.29 0.29 0.00	67.82 0.47 0.00	57.72 0.46 0.00	52.62 0.52 0.00	48.35 0.38 0.00	43.60 0.30 0.00
ALBANY___4 23574	46.03 0.86 0.00	40.37 0.67 0.00	36.85 0.79 0.00	34.56 0.81 0.00	34.57 0.71 0.00	35.70 0.70 0.00	38.43 0.64 0.00	40.53 0.79 0.00	40.67 0.72 0.00	38.25 0.57 0.00	37.56 0.63 0.20	40.88 0.61 0.07	40.84 0.53 0.31	43.00 0.43 0.29	43.85 0.57 0.30	48.38 0.76 0.15	54.24 0.70 0.00	63.53 0.75 0.00	72.29 0.29 0.00	67.82 0.47 0.00	57.72 0.46 0.00	52.62 0.52 0.00	48.35 0.38 0.00	43.60 0.30 0.00
ALBANY___LFGE 323615	46.48 1.31 0.00	40.85 1.15 0.00	37.21 1.15 0.00	34.83 1.08 0.00	34.91 1.05 0.00	36.05 1.05 0.00	38.77 0.98 0.00	40.81 1.07 0.00	41.03 1.08 0.00	38.51 0.83 0.00	37.82 0.89 0.20	41.16 0.89 0.07	41.21 0.89 0.31	43.43 0.86 0.29	44.33 1.04 0.30	48.86 1.24 0.15	54.78 1.23 0.00	64.22 1.45 0.00	73.09 1.08 0.00	68.62 1.28 0.00	58.40 1.14 0.00	53.24 1.14 0.00	48.92 0.96 0.00	44.08 0.78 0.00
ALCOA_PA_115KV_PL-6C 55860	45.13 -0.05 0.00	39.65 -0.04 0.00	36.02 -0.04 0.00	33.71 -0.03 0.00	33.86 0.00 0.00	34.90 -0.11 0.00	37.83 0.04 0.00	39.65 -0.08 0.00	39.75 -0.20 0.00	37.46 -0.23 0.00	36.91 -0.22 0.00	40.06 -0.28 0.00	40.22 -0.41 0.00	42.26 -0.60 0.00	42.72 -0.87 0.00	46.76 -1.00 0.00	52.64 -0.91 0.00	61.90 -0.88 0.00	71.93 -0.07 0.00	67.01 -0.34 0.00	56.97 -0.29 0.00	51.89 -0.21 0.00	47.77 -0.19 0.00	43.17 -0.13 0.00
ALCOA_RYNLDS___DRP 24188	45.13 -0.05 0.00	39.65 -0.04 0.00	36.02 -0.04 0.00	33.71 -0.03 0.00	33.86 0.00 0.00	34.90 -0.11 0.00	37.83 0.04 0.00	39.65 -0.08 0.00	39.75 -0.20 0.00	37.46 -0.23 0.00	36.91 -0.22 0.00	40.06 -0.28 0.00	40.22 -0.41 0.00	42.26 -0.60 0.00	42.72 -0.87 0.00	46.76 -1.00 0.00	52.64 -0.91 0.00	61.90 -0.88 0.00	71.93 -0.07 0.00	67.01 -0.34 0.00	56.97 -0.29 0.00	51.89 -0.21 0.00	47.77 -0.19 0.00	43.17 -0.13 0.00
ALCOA___DSASP 323711	45.13 -0.05 0.00	39.65 -0.04 0.00	36.02 -0.04 0.00	33.68 -0.07 0.00	33.86 0.00 0.00	34.90 -0.10 0.00	37.83 0.04 0.00	39.65 -0.08 0.00	39.75 -0.20 0.00	37.46 -0.22 0.00	36.87 -0.26 0.00	40.06 -0.28 0.00	40.22 -0.41 0.00	42.26 -0.60 0.00	42.76 -0.83 0.00	46.76 -1.01 0.00	52.64 -0.91 0.00	61.90 -0.88 0.00	71.93 -0.07 0.00	67.01 -0.34 0.00	56.98 -0.28 0.00	51.89 -0.21 0.00	47.77 -0.19 0.00	43.17 -0.13 0.00
ALLEGHENY___COGEN 23514	46.39 1.22 0.00	41.24 1.55 0.00	37.21 1.15 0.00	34.93 1.18 0.00	35.01 1.15 0.00	36.33 1.33 0.00	39.00 1.21 0.00	40.33 0.60 0.00	39.95 0.00 0.00	37.42 -0.26 0.00	36.65 -0.48 0.00	39.69 -0.65 0.00	40.42 -0.20 0.00	42.94 0.09 0.00	44.11 0.52 0.00	48.06 0.29 0.00	52.48 -1.07 0.00	62.21 -0.57 0.00	72.08 0.07 0.00	69.30 1.95 0.00	59.32 2.06 0.00	53.45 1.35 0.00	50.94 2.97 0.00	45.94 2.64 0.00
ALTAMONT_115KV_TB 2 55880	46.48 1.31 0.00	40.77 1.07 0.00	37.10 1.05 0.00	34.76 1.01 0.00	34.81 0.95 0.00	35.95 0.95 0.00	38.73 0.94 0.00	40.80 1.07 0.00	40.99 1.04 0.00	38.55 0.87 0.00	37.83 0.89 0.19	41.20 0.93 0.07	41.26 0.93 0.30	43.52 0.94 0.28	44.39 1.09 0.29	48.91 1.29 0.15	54.83 1.29 0.00	64.22 1.44 0.00	73.23 1.22 0.00	68.62 1.28 0.00	58.41 1.15 0.00	53.24 1.15 0.00	48.97 1.01 0.00	44.17 0.87 0.00
ALTONA_WT_PWR 323606	45.13 -0.05 0.00	39.65 -0.04 0.00	36.06 0.00 0.00	33.75 0.00 0.00	33.93 0.07 0.00	34.97 -0.03 0.00	37.94 0.15 0.00	40.53 0.79 0.00	40.63 0.68 0.00	38.25 0.57 0.00	37.61 0.48 0.00	40.75 0.40 0.00	40.87 0.25 0.00	42.90 0.04 0.00	43.37 -0.22 0.00	47.53 -0.24 0.00	53.55 0.00 0.00	63.22 0.44 0.00	73.66 1.66 0.00	68.82 1.48 0.00	58.58 1.32 0.00	53.14 1.04 0.00	48.87 0.91 0.00	44.12 0.82 0.00
AMERICAN_REF_FUEL 24010	43.14 -2.03 0.00	39.10 -0.59 0.00	35.23 -0.83 0.00	32.80 -0.94 0.00	33.28 -0.58 0.00	34.38 -0.63 0.00	35.98 -1.81 0.00	36.95 -2.78 0.00	37.11 -2.84 0.00	35.46 -2.22 0.00	35.05 -2.08 0.00	37.84 -2.50 0.00	38.92 -1.70 0.00	41.35 -1.50 0.00	42.32 -1.27 0.00	45.71 -2.05 0.00	51.40 -2.14 0.00	60.39 -2.39 0.00	68.41 -3.60 0.00	65.26 -2.09 0.00	55.48 -1.78 0.00	49.91 -2.19 0.00	46.72 -1.25 0.00	42.83 -0.48 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	44.67 -0.50 0.00	39.93 0.24 0.00	36.02 -0.04 0.00	33.95 0.20 0.00	34.06 0.20 0.00	35.25 0.25 0.00	37.60 -0.19 0.00	38.78 -0.95 0.00	38.75 -1.20 0.00	36.97 -0.72 0.00	36.57 -0.56 0.00	39.57 -0.77 0.00	40.87 0.25 0.00	43.37 0.52 0.00	44.37 0.79 0.00	47.91 0.14 0.00	54.03 0.48 0.00	63.47 0.69 0.00	72.01 0.00 0.00	68.76 1.42 0.00	58.29 1.03 0.00	52.41 0.31 0.00	48.73 0.77 0.00	44.51 1.21 0.00
ARTHUR KILL_GT_1 23520	49.28 4.11 0.00	42.87 3.18 0.00	38.94 2.88 0.00	36.38 2.63 0.00	36.33 2.47 0.00	37.35 2.35 0.00	40.51 2.72 0.00	42.75 3.02 0.00	43.10 3.16 0.00	40.89 3.20 0.00	44.20 3.16 -3.92	49.33 3.71 -5.28	50.11 3.41 -6.07	51.22 3.60 -4.76	51.33 3.66 -4.08	51.97 4.35 0.14	54.75 4.61 3.40	67.30 4.65 0.12	75.75 4.03 0.29	68.64 3.57 2.27	55.65 2.69 4.31	52.05 2.34 2.39	50.51 2.54 0.00	46.59 3.29 0.00
ARTHUR_KILL_2 23512	49.02 3.84 -0.01	42.72 3.02 -0.01	38.81 2.74 -0.01	36.19 2.43 -0.01	36.24 2.37 -0.01	37.21 2.21 0.00	40.39 2.61 0.00	42.71 2.98 0.00	43.06 3.12 0.00	40.81 3.13 0.00	44.35 3.30 -3.92	49.13 3.51 -5.28	49.95 3.25 -6.07	51.00 3.38 -4.76	51.16 3.49 -4.08	51.74 4.11 0.14	54.37 4.23 3.40	67.04 4.39 0.13	75.38 3.67 0.30	68.30 3.23 2.28	55.24 2.29 4.31	51.78 2.09 2.40	50.21 2.25 0.01	46.42 3.12 0.00
ARTHUR_KILL_3 23513	48.47 3.30 0.00	42.27 2.58 0.00	38.44 2.38 0.00	35.88 2.13 0.00	35.92 2.07 0.00	37.14 2.14 0.00	40.28 2.49 0.00	42.75 3.02 0.00	43.18 3.23 0.00	40.81 3.13 0.00	44.30 3.27 -3.90	49.12 3.51 -5.27	50.35 3.66 -6.07	51.34 3.73 -4.76	51.59 3.92 -4.08	52.02 4.39 0.14	54.81 4.66 3.39	67.43 4.77 0.12	75.74 4.03 0.29	68.64 3.57 2.27	55.59 2.64 4.31	52.36 2.66 2.39	50.84 2.88 0.00	46.16 2.86 0.00

ARTHUR_KILL_COGEN 323718	49.20 4.02 -0.01	42.88 3.18 -0.01	38.95 2.89 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.87 3.14 0.00	43.18 3.23 0.00	40.96 3.28 0.00	44.46 3.41 -3.92	49.29 3.67 -5.28	50.11 3.41 -6.07	51.17 3.56 -4.76	51.33 3.66 -4.08	51.97 4.35 0.14	54.64 4.50 3.40	67.30 4.65 0.13	75.73 4.03 0.30	68.63 3.57 2.28	55.53 2.58 4.31	51.99 2.29 2.40	50.40 2.44 0.01	46.59 3.29 0.00
ASHOKAN____ 23654	47.88 2.71 0.00	41.92 2.22 0.00	38.11 2.05 0.00	35.50 1.75 0.00	35.52 1.66 0.00	36.68 1.68 0.00	39.56 1.78 0.00	41.44 1.71 0.00	41.46 1.52 0.00	38.63 0.94 0.00	38.06 0.93 0.00	41.27 0.93 0.00	41.76 1.14 0.00	44.05 1.20 0.00	45.07 1.48 0.00	49.63 1.86 0.00	55.58 2.03 0.00	65.67 2.89 0.00	74.81 2.81 0.00	70.78 3.43 0.00	59.84 2.58 0.00	54.60 2.50 0.00	50.31 2.35 0.00	45.34 2.04 0.00
ASTORIA_EAST_ENERGY_CC1 323581	49.02 3.84 -0.01	42.76 3.06 -0.01	38.95 2.89 -0.01	36.36 2.60 -0.01	36.41 2.54 -0.01	37.42 2.41 0.00	40.66 2.87 0.00	42.87 3.14 0.00	43.17 3.23 0.01	40.93 3.24 0.00	44.46 3.41 -3.92	49.12 3.51 -5.27	50.28 3.58 -6.08	52.19 3.73 -5.61	53.34 3.84 -5.91	55.31 4.59 -2.95	58.31 4.76 0.00	67.79 5.02 0.01	76.32 4.32 0.01	71.17 3.84 0.01	60.11 2.86 0.01	54.85 2.76 0.01	50.89 2.93 0.00	46.72 3.42 0.00
ASTORIA_EAST_ENERGY_CC2 323582	49.02 3.84 -0.01	42.76 3.06 -0.01	38.95 2.89 -0.01	36.36 2.60 -0.01	36.41 2.54 -0.01	37.42 2.41 0.00	40.66 2.87 0.00	42.87 3.14 0.00	43.17 3.23 0.01	40.93 3.24 0.00	44.46 3.41 -3.92	49.12 3.51 -5.27	50.28 3.58 -6.08	52.19 3.73 -5.61	53.34 3.84 -5.91	55.31 4.59 -2.95	58.31 4.76 0.00	67.79 5.02 0.01	76.32 4.32 0.01	71.17 3.84 0.01	60.11 2.86 0.01	54.85 2.76 0.01	50.89 2.93 0.00	46.72 3.42 0.00
ASTORIA_GT2_1 24094	49.10 3.93 0.00	42.79 3.10 0.00	38.98 2.92 0.00	36.45 2.70 0.00	36.43 2.57 0.00	37.45 2.45 0.00	40.62 2.83 0.00	42.79 3.06 0.00	43.10 3.16 0.00	40.89 3.20 0.00	44.35 3.30 -3.92	49.25 3.63 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.35 4.63 -2.95	58.58 5.03 0.00	67.86 5.09 0.00	76.40 4.39 0.00	71.25 3.91 0.00	60.35 3.09 0.00	54.91 2.81 0.00	50.98 3.02 0.00	46.72 3.42 0.00
ASTORIA_GT2_2 24095	49.10 3.93 0.00	42.79 3.10 0.00	38.98 2.92 0.00	36.45 2.70 0.00	36.43 2.57 0.00	37.45 2.45 0.00	40.62 2.83 0.00	42.79 3.06 0.00	43.10 3.16 0.00	40.89 3.20 0.00	44.35 3.30 -3.92	49.25 3.63 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.35 4.63 -2.95	58.58 5.03 0.00	67.86 5.09 0.00	76.40 4.39 0.00	71.25 3.91 0.00	60.35 3.09 0.00	54.91 2.81 0.00	50.98 3.02 0.00	46.72 3.42 0.00
ASTORIA_GT2_3 24096	49.10 3.93 0.00	42.79 3.10 0.00	38.98 2.92 0.00	36.45 2.70 0.00	36.43 2.57 0.00	37.45 2.45 0.00	40.62 2.83 0.00	42.79 3.06 0.00	43.10 3.16 0.00	40.89 3.20 0.00	44.35 3.30 -3.92	49.25 3.63 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.35 4.63 -2.95	58.58 5.03 0.00	67.86 5.09 0.00	76.40 4.39 0.00	71.25 3.91 0.00	60.35 3.09 0.00	54.91 2.81 0.00	50.98 3.02 0.00	46.72 3.42 0.00
ASTORIA_GT2_4 24097	49.10 3.93 0.00	42.79 3.10 0.00	38.98 2.92 0.00	36.45 2.70 0.00	36.43 2.57 0.00	37.45 2.45 0.00	40.62 2.83 0.00	42.79 3.06 0.00	43.10 3.16 0.00	40.89 3.20 0.00	44.35 3.30 -3.92	49.25 3.63 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.35 4.63 -2.95	58.58 5.03 0.00	67.86 5.09 0.00	76.40 4.39 0.00	71.25 3.91 0.00	60.35 3.09 0.00	54.91 2.81 0.00	50.98 3.02 0.00	46.72 3.42 0.00
ASTORIA_GT3_1 24098	49.10 3.93 0.00	42.79 3.10 0.00	38.98 2.92 0.00	36.45 2.70 0.00	36.43 2.57 0.00	37.45 2.45 0.00	40.62 2.83 0.00	42.79 3.06 0.00	43.10 3.16 0.00	40.89 3.20 0.00	44.35 3.30 -3.92	49.25 3.63 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.35 4.63 -2.95	58.58 5.03 0.00	67.86 5.09 0.00	76.40 4.39 0.00	71.25 3.91 0.00	60.35 3.09 0.00	54.91 2.81 0.00	50.98 3.02 0.00	46.72 3.42 0.00
ASTORIA_GT3_2 24099	49.10 3.93 0.00	42.79 3.10 0.00	38.98 2.92 0.00	36.45 2.70 0.00	36.43 2.57 0.00	37.45 2.45 0.00	40.62 2.83 0.00	42.79 3.06 0.00	43.10 3.16 0.00	40.89 3.20 0.00	44.35 3.30 -3.92	49.25 3.63 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.35 4.63 -2.95	58.58 5.03 0.00	67.86 5.09 0.00	76.40 4.39 0.00	71.25 3.91 0.00	60.35 3.09 0.00	54.91 2.81 0.00	50.98 3.02 0.00	46.72 3.42 0.00
ASTORIA_GT3_3 24100	49.10 3.93 0.00	42.79 3.10 0.00	38.98 2.92 0.00	36.45 2.70 0.00	36.43 2.57 0.00	37.45 2.45 0.00	40.62 2.83 0.00	42.79 3.06 0.00	43.10 3.16 0.00	40.89 3.20 0.00	44.35 3.30 -3.92	49.25 3.63 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.35 4.63 -2.95	58.58 5.03 0.00	67.86 5.09 0.00	76.40 4.39 0.00	71.25 3.91 0.00	60.35 3.09 0.00	54.91 2.81 0.00	50.98 3.02 0.00	46.72 3.42 0.00
ASTORIA_GT3_4 24101	49.10 3.93 0.00	42.79 3.10 0.00	38.98 2.92 0.00	36.45 2.70 0.00	36.43 2.57 0.00	37.45 2.45 0.00	40.62 2.83 0.00	42.79 3.06 0.00	43.10 3.16 0.00	40.89 3.20 0.00	44.35 3.30 -3.92	49.25 3.63 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.35 4.63 -2.95	58.58 5.03 0.00	67.86 5.09 0.00	76.40 4.39 0.00	71.25 3.91 0.00	60.35 3.09 0.00	54.91 2.81 0.00	50.98 3.02 0.00	46.72 3.42 0.00
ASTORIA_GT4_1 24102	49.10 3.93 0.00	42.79 3.10 0.00	38.98 2.92 0.00	36.45 2.70 0.00	36.43 2.57 0.00	37.45 2.45 0.00	40.62 2.83 0.00	42.79 3.06 0.00	43.10 3.16 0.00	40.89 3.20 0.00	44.35 3.30 -3.92	49.25 3.63 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.35 4.63 -2.95	58.58 5.03 0.00	67.86 5.09 0.00	76.40 4.39 0.00	71.25 3.91 0.00	60.35 3.09 0.00	54.91 2.81 0.00	50.98 3.02 0.00	46.72 3.42 0.00
ASTORIA_GT4_2 24103	49.10 3.93 0.00	42.79 3.10 0.00	38.98 2.92 0.00	36.45 2.70 0.00	36.43 2.57 0.00	37.45 2.45 0.00	40.62 2.83 0.00	42.79 3.06 0.00	43.10 3.16 0.00	40.89 3.20 0.00	44.35 3.30 -3.92	49.25 3.63 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.35 4.63 -2.95	58.58 5.03 0.00	67.86 5.09 0.00	76.40 4.39 0.00	71.25 3.91 0.00	60.35 3.09 0.00	54.91 2.81 0.00	50.98 3.02 0.00	46.72 3.42 0.00
ASTORIA_GT4_3 24104	49.10 3.93 0.00	42.79 3.10 0.00	38.98 2.92 0.00	36.45 2.70 0.00	36.43 2.57 0.00	37.45 2.45 0.00	40.62 2.83 0.00	42.79 3.06 0.00	43.10 3.16 0.00	40.89 3.20 0.00	44.35 3.30 -3.92	49.25 3.63 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.35 4.63 -2.95	58.58 5.03 0.00	67.86 5.09 0.00	76.40 4.39 0.00	71.25 3.91 0.00	60.35 3.09 0.00	54.91 2.81 0.00	50.98 3.02 0.00	46.72 3.42 0.00

ASTORIA_GT4_4 24105	49.10 3.93 0.00	42.79 3.10 0.00	38.98 2.92 0.00	36.45 2.70 0.00	36.43 2.57 0.00	37.45 2.45 0.00	40.62 2.83 0.00	42.79 3.06 0.00	43.10 3.16 0.00	40.89 3.20 0.00	44.35 3.30 -3.92	49.25 3.63 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.35 4.63 -2.95	58.58 5.03 0.00	67.86 5.09 0.00	76.40 4.39 0.00	71.25 3.91 0.00	60.35 3.09 0.00	54.91 2.81 0.00	50.98 3.02 0.00	46.72 3.42 0.00
ASTORIA_GT_1 23523	49.19 4.02 0.00	42.87 3.18 0.00	39.05 2.99 0.00	36.52 2.77 0.00	36.50 2.64 0.00	37.52 2.52 0.00	40.70 2.91 0.00	42.87 3.14 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.43 3.38 -3.92	49.33 3.71 -5.28	50.44 3.74 -6.08	52.40 3.94 -5.61	53.47 3.97 -5.91	55.50 4.78 -2.95	58.74 5.19 0.00	68.05 5.27 0.00	76.62 4.61 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.01 2.92 0.00	51.13 3.17 0.00	46.85 3.55 0.00
ASTORIA_GT_10 24110	48.92 3.75 0.00	42.63 2.94 0.00	38.80 2.74 0.00	36.28 2.53 0.00	36.26 2.40 0.00	37.35 2.35 0.00	40.51 2.72 0.00	42.79 3.06 0.00	43.18 3.24 0.00	40.93 3.24 0.00	44.39 3.34 -3.92	49.29 3.67 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.26 4.54 -2.95	58.31 4.77 0.00	67.42 4.65 0.00	75.97 3.96 0.00	70.78 3.43 0.00	60.01 2.75 0.00	54.70 2.60 0.00	50.84 2.88 0.00	46.51 3.20 0.00
ASTORIA_GT_11 24225	48.92 3.75 0.00	42.63 2.94 0.00	38.80 2.74 0.00	36.28 2.53 0.00	36.26 2.40 0.00	37.35 2.35 0.00	40.51 2.72 0.00	42.79 3.06 0.00	43.18 3.24 0.00	40.93 3.24 0.00	44.39 3.34 -3.92	49.29 3.67 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.26 4.54 -2.95	58.31 4.77 0.00	67.42 4.65 0.00	75.97 3.96 0.00	70.78 3.43 0.00	60.01 2.75 0.00	54.70 2.60 0.00	50.84 2.88 0.00	46.51 3.20 0.00
ASTORIA_GT_12 24226	48.92 3.75 0.00	42.63 2.94 0.00	38.80 2.74 0.00	36.28 2.53 0.00	36.26 2.40 0.00	37.35 2.35 0.00	40.51 2.72 0.00	42.79 3.06 0.00	43.18 3.24 0.00	40.93 3.24 0.00	44.39 3.34 -3.92	49.29 3.67 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.26 4.54 -2.95	58.31 4.77 0.00	67.42 4.65 0.00	75.97 3.96 0.00	70.78 3.43 0.00	60.01 2.75 0.00	54.70 2.60 0.00	50.84 2.88 0.00	46.51 3.20 0.00
ASTORIA_GT_13 24227	48.92 3.75 0.00	42.63 2.94 0.00	38.80 2.74 0.00	36.28 2.53 0.00	36.26 2.40 0.00	37.35 2.35 0.00	40.51 2.72 0.00	42.79 3.06 0.00	43.18 3.24 0.00	40.93 3.24 0.00	44.39 3.34 -3.92	49.29 3.67 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.26 4.54 -2.95	58.31 4.77 0.00	67.42 4.65 0.00	75.97 3.96 0.00	70.78 3.43 0.00	60.01 2.75 0.00	54.70 2.60 0.00	50.84 2.88 0.00	46.51 3.20 0.00
ASTORIA_GT_5 24106	49.19 4.02 0.00	42.87 3.18 0.00	39.05 2.99 0.00	36.52 2.77 0.00	36.50 2.64 0.00	37.52 2.52 0.00	40.70 2.91 0.00	42.87 3.14 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.43 3.38 -3.92	49.33 3.71 -5.28	50.44 3.74 -6.08	52.40 3.94 -5.61	53.47 3.97 -5.91	55.50 4.78 -2.95	58.74 5.19 0.00	68.05 5.27 0.00	76.62 4.61 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.01 2.92 0.00	51.13 3.17 0.00	46.85 3.55 0.00
ASTORIA_GT_7 24107	49.19 4.02 0.00	42.87 3.18 0.00	39.05 2.99 0.00	36.52 2.77 0.00	36.50 2.64 0.00	37.52 2.52 0.00	40.70 2.91 0.00	42.87 3.14 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.43 3.38 -3.92	49.33 3.71 -5.28	50.44 3.74 -6.08	52.40 3.94 -5.61	53.47 3.97 -5.91	55.50 4.78 -2.95	58.74 5.19 0.00	68.05 5.27 0.00	76.62 4.61 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.01 2.92 0.00	51.13 3.17 0.00	46.85 3.55 0.00
ASTORIA_GT_8 24108	49.19 4.02 0.00	42.87 3.18 0.00	39.05 2.99 0.00	36.52 2.77 0.00	36.50 2.64 0.00	37.52 2.52 0.00	40.70 2.91 0.00	42.87 3.14 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.43 3.38 -3.92	49.33 3.71 -5.28	50.44 3.74 -6.08	52.40 3.94 -5.61	53.47 3.97 -5.91	55.50 4.78 -2.95	58.74 5.19 0.00	68.05 5.27 0.00	76.62 4.61 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.01 2.92 0.00	51.13 3.17 0.00	46.85 3.55 0.00
ASTORIA___2 24149	49.06 3.89 -0.01	42.80 3.10 -0.01	38.99 2.92 -0.01	36.36 2.60 -0.01	36.44 2.57 -0.01	37.45 2.45 0.00	40.66 2.87 0.00	42.87 3.14 0.00	43.17 3.23 0.01	40.96 3.28 0.00	44.50 3.45 -3.92	49.16 3.55 -5.27	50.32 3.61 -6.08	52.23 3.77 -5.61	53.38 3.88 -5.91	55.31 4.59 -2.95	58.37 4.82 0.00	67.85 5.08 0.01	76.39 4.39 0.01	71.24 3.90 0.01	60.17 2.92 0.01	54.85 2.76 0.01	50.89 2.93 0.00	46.72 3.42 0.00
ASTORIA___3 23516	48.88 3.70 -0.01	42.64 2.94 -0.01	38.81 2.74 -0.01	36.22 2.46 -0.01	36.27 2.40 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.00 3.32 0.00	44.50 3.45 -3.92	49.21 3.59 -5.28	50.32 3.61 -6.08	52.23 3.77 -5.61	53.38 3.88 -5.91	55.21 4.49 -2.95	58.20 4.66 0.00	67.42 4.65 0.01	75.96 3.96 0.01	70.77 3.43 0.01	59.83 2.58 0.01	54.69 2.60 0.01	50.74 2.78 0.00	46.51 3.20 0.00
ASTORIA___4 23517	48.92 3.75 0.00	42.63 2.94 0.00	38.80 2.74 0.00	36.28 2.53 0.00	36.26 2.40 0.00	37.35 2.35 0.00	40.51 2.72 0.00	42.79 3.06 0.00	43.18 3.24 0.00	40.93 3.24 0.00	44.39 3.34 -3.92	49.29 3.67 -5.28	50.32 3.62 -6.08	52.28 3.81 -5.61	53.38 3.88 -5.91	55.26 4.54 -2.95	58.31 4.77 0.00	67.42 4.65 0.00	75.97 3.96 0.00	70.78 3.43 0.00	60.01 2.75 0.00	54.70 2.60 0.00	50.84 2.88 0.00	46.51 3.20 0.00
ASTORIA___5 23518	48.88 3.70 -0.01	42.64 2.94 -0.01	38.81 2.74 -0.01	36.22 2.46 -0.01	36.27 2.40 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.00 3.32 0.00	44.50 3.45 -3.92	49.21 3.59 -5.28	50.32 3.61 -6.08	52.23 3.77 -5.61	53.38 3.88 -5.91	55.21 4.49 -2.95	58.20 4.66 0.00	67.42 4.65 0.01	75.96 3.96 0.01	70.77 3.43 0.01	59.83 2.58 0.01	54.69 2.60 0.01	50.74 2.78 0.00	46.51 3.20 0.00
AST_ENERGY_2_CC3 323677	36.33 3.43 12.27	36.33 2.70 6.06	36.33 2.49 2.21	35.98 2.23 0.00	36.03 2.17 0.00	36.33 2.21 0.88	36.33 2.57 4.03	36.33 3.06 6.46	36.33 3.31 6.93	36.33 3.20 4.56	38.96 3.30 1.47	38.96 3.55 4.93	38.96 3.73 5.40	38.96 3.90 7.79	38.96 4.10 8.72	38.96 4.59 13.39	38.96 4.87 19.46	51.12 5.08 16.74	59.43 4.39 16.97	54.21 3.90 17.04	41.15 2.92 19.03	38.96 2.92 16.05	39.49 3.02 11.50	38.96 2.95 7.29
AST_ENERGY_2_CC4 323678	36.33 3.43 12.27	36.33 2.70 6.06	36.33 2.49 2.21	35.98 2.23 0.00	36.03 2.17 0.00	36.33 2.21 0.88	36.33 2.57 4.03	36.33 3.06 6.46	36.33 3.31 6.93	36.33 3.20 4.56	38.96 3.30 1.47	38.96 3.55 4.93	38.96 3.73 5.40	38.96 3.90 7.79	38.96 4.10 8.72	38.96 4.59 13.39	38.96 4.87 19.46	51.12 5.08 16.74	59.43 4.39 16.97	54.21 3.90 17.04	41.15 2.92 19.03	38.96 2.92 16.05	39.49 3.02 11.50	38.96 2.95 7.29

ATHENS_STG_1 23668	46.66 1.49 0.00	40.88 1.19 0.00	37.21 1.15 0.00	34.83 1.08 0.00	34.91 1.05 0.00	36.05 1.05 0.00	38.85 1.06 0.00	41.00 1.27 0.00	41.26 1.32 0.00	38.85 1.17 0.00	38.09 1.22 0.27	41.54 1.29 0.10	41.59 1.38 0.42	43.93 1.46 0.39	44.75 1.57 0.41	49.38 1.81 0.20	55.42 1.87 0.00	64.73 1.95 0.00	73.52 1.51 0.00	68.82 1.48 0.00	58.52 1.26 0.00	53.40 1.30 0.00	49.16 1.20 0.00	44.42 1.12 0.00
ATHENS_STG_2 23670	46.66 1.49 0.00	40.88 1.19 0.00	37.21 1.15 0.00	34.83 1.08 0.00	34.91 1.05 0.00	36.05 1.05 0.00	38.85 1.06 0.00	41.00 1.27 0.00	41.26 1.32 0.00	38.85 1.17 0.00	38.09 1.22 0.27	41.54 1.29 0.10	41.59 1.38 0.42	43.93 1.46 0.39	44.75 1.57 0.41	49.38 1.81 0.20	55.42 1.87 0.00	64.73 1.95 0.00	73.52 1.51 0.00	68.82 1.48 0.00	58.52 1.26 0.00	53.40 1.30 0.00	49.16 1.20 0.00	44.42 1.12 0.00
ATHENS_STG_3 23677	46.66 1.49 0.00	40.88 1.19 0.00	37.21 1.15 0.00	34.83 1.08 0.00	34.91 1.05 0.00	36.05 1.05 0.00	38.85 1.06 0.00	41.00 1.27 0.00	41.26 1.32 0.00	38.85 1.17 0.00	38.09 1.22 0.27	41.54 1.29 0.10	41.59 1.38 0.42	43.93 1.46 0.39	44.75 1.57 0.41	49.38 1.81 0.20	55.42 1.87 0.00	64.73 1.95 0.00	73.52 1.51 0.00	68.82 1.48 0.00	58.52 1.26 0.00	53.40 1.30 0.00	49.16 1.20 0.00	44.42 1.12 0.00
AUBURN___LFGE 323710	45.40 0.23 0.00	40.01 0.32 0.00	36.24 0.18 0.00	33.82 0.07 0.00	34.06 0.20 0.00	35.25 0.25 0.00	38.17 0.38 0.00	40.01 0.28 0.00	40.23 0.28 0.00	37.76 0.08 0.00	37.13 0.00 0.00	40.38 0.04 0.00	40.83 0.20 0.00	43.24 0.39 0.00	44.07 0.48 0.00	48.20 0.43 0.00	54.08 0.54 0.00	63.66 0.88 0.00	73.01 1.01 0.00	68.83 1.48 0.00	58.52 1.26 0.00	53.03 0.94 0.00	48.78 0.82 0.00	43.95 0.65 0.00
BABYLON_RES_REC 323704	49.79 4.61 -0.01	43.39 3.69 -0.01	39.46 3.39 -0.01	36.79 3.04 0.00	36.64 2.78 0.00	37.81 2.80 0.00	41.11 3.33 0.00	43.55 3.81 0.00	44.15 4.19 -0.01	41.65 3.96 -0.01	46.35 3.97 -5.24	49.86 4.23 -5.28	51.18 4.43 -6.13	53.10 4.59 -5.65	54.30 4.75 -5.96	55.46 4.73 -2.96	60.75 4.82 -2.38	66.59 4.58 0.77	76.20 3.74 -0.45	70.10 2.76 0.00	59.32 2.06 0.00	54.44 2.35 0.00	51.85 3.88 0.00	47.28 3.98 0.00
BALL_HILL_WT_PWR 323825	44.31 -0.86 0.00	39.57 -0.12 0.00	35.70 -0.36 0.00	33.61 -0.13 0.00	33.72 -0.13 0.00	34.86 -0.14 0.00	37.11 -0.68 0.00	38.14 -1.59 0.00	38.15 -1.80 0.00	36.40 -1.28 0.00	36.02 -1.11 0.00	38.97 -1.37 0.00	40.14 -0.49 0.00	42.64 -0.21 0.00	43.67 0.09 0.00	47.20 -0.57 0.00	53.17 -0.37 0.00	62.59 -0.19 0.00	70.93 -1.08 0.00	67.68 0.34 0.00	57.43 0.17 0.00	51.63 -0.47 0.00	48.11 0.14 0.00	43.99 0.69 0.00
BARON_WINDS___WT_PWR 323822	44.67 -0.50 0.00	39.69 0.00 0.00	35.88 -0.18 0.00	33.75 0.00 0.00	33.89 0.03 0.00	35.07 0.07 0.00	37.56 -0.23 0.00	38.82 -0.91 0.00	38.83 -1.12 0.00	36.70 -0.98 0.00	36.16 -0.97 0.00	39.21 -1.13 0.00	40.01 -0.61 0.00	42.47 -0.39 0.00	43.46 -0.13 0.00	47.29 -0.48 0.00	53.06 -0.48 0.00	62.53 -0.25 0.00	71.36 -0.65 0.00	68.09 0.74 0.00	58.00 0.74 0.00	52.41 0.31 0.00	48.63 0.67 0.00	44.25 0.95 0.00
BARRETT_IC_1 23704	49.25 4.07 -0.02	43.12 3.41 -0.02	39.21 3.14 -0.02	36.62 2.87 0.00	36.50 2.64 0.00	37.70 2.70 0.00	40.92 3.13 0.00	43.35 3.62 0.00	43.84 3.87 -0.02	41.40 3.70 -0.02	45.87 3.49 -5.25	49.39 3.75 -5.29	50.62 3.86 -6.14	52.59 4.07 -5.66	53.78 4.23 -5.97	55.49 4.73 -2.99	58.59 5.03 -0.02	67.81 5.02 -0.01	76.33 4.32 -0.01	70.85 3.50 -0.01	59.73 2.46 -0.01	54.81 2.71 -0.01	51.61 3.64 -0.01	46.98 3.68 0.00
BARRETT_IC_10 23701	49.25 4.07 -0.02	43.12 3.41 -0.02	39.21 3.14 -0.02	36.62 2.87 0.00	36.50 2.64 0.00	37.70 2.70 0.00	40.92 3.13 0.00	43.35 3.62 0.00	43.84 3.87 -0.02	41.40 3.70 -0.02	45.87 3.49 -5.25	49.39 3.75 -5.29	50.62 3.86 -6.14	52.59 4.07 -5.66	53.78 4.23 -5.97	55.49 4.73 -2.99	58.59 5.03 -0.02	67.81 5.02 -0.01	76.33 4.32 -0.01	70.85 3.50 -0.01	59.73 2.46 -0.01	54.81 2.71 -0.01	51.61 3.64 -0.01	46.98 3.68 0.00
BARRETT_IC_11 23702	49.25 4.07 -0.02	43.12 3.41 -0.02	39.21 3.14 -0.02	36.62 2.87 0.00	36.50 2.64 0.00	37.70 2.70 0.00	40.92 3.13 0.00	43.35 3.62 0.00	43.84 3.87 -0.02	41.40 3.70 -0.02	45.87 3.49 -5.25	49.39 3.75 -5.29	50.62 3.86 -6.14	52.59 4.07 -5.66	53.78 4.23 -5.97	55.49 4.73 -2.99	58.59 5.03 -0.02	67.81 5.02 -0.01	76.33 4.32 -0.01	70.85 3.50 -0.01	59.73 2.46 -0.01	54.81 2.71 -0.01	51.61 3.64 -0.01	46.98 3.68 0.00
BARRETT_IC_12 23703	49.25 4.07 -0.02	43.12 3.41 -0.02	39.21 3.14 -0.02	36.62 2.87 0.00	36.50 2.64 0.00	37.70 2.70 0.00	40.92 3.13 0.00	43.35 3.62 0.00	43.84 3.87 -0.02	41.40 3.70 -0.02	45.87 3.49 -5.25	49.39 3.75 -5.29	50.62 3.86 -6.14	52.59 4.07 -5.66	53.78 4.23 -5.97	55.49 4.73 -2.99	58.59 5.03 -0.02	67.81 5.02 -0.01	76.33 4.32 -0.01	70.85 3.50 -0.01	59.73 2.46 -0.01	54.81 2.71 -0.01	51.61 3.64 -0.01	46.98 3.68 0.00
BARRETT_IC_2 23705	49.25 4.07 -0.02	43.12 3.41 -0.02	39.21 3.14 -0.02	36.62 2.87 0.00	36.50 2.64 0.00	37.70 2.70 0.00	40.92 3.13 0.00	43.35 3.62 0.00	43.84 3.87 -0.02	41.40 3.70 -0.02	45.87 3.49 -5.25	49.39 3.75 -5.29	50.62 3.86 -6.14	52.59 4.07 -5.66	53.78 4.23 -5.97	55.49 4.73 -2.99	58.59 5.03 -0.02	67.81 5.02 -0.01	76.33 4.32 -0.01	70.85 3.50 -0.01	59.73 2.46 -0.01	54.81 2.71 -0.01	51.61 3.64 -0.01	46.98 3.68 0.00
BARRETT_IC_3 23706	49.25 4.07 -0.02	43.12 3.41 -0.02	39.21 3.14 -0.02	36.62 2.87 0.00	36.50 2.64 0.00	37.70 2.70 0.00	40.92 3.13 0.00	43.35 3.62 0.00	43.84 3.87 -0.02	41.40 3.70 -0.02	45.87 3.49 -5.25	49.39 3.75 -5.29	50.62 3.86 -6.14	52.59 4.07 -5.66	53.78 4.23 -5.97	55.49 4.73 -2.99	58.59 5.03 -0.02	67.81 5.02 -0.01	76.33 4.32 -0.01	70.85 3.50 -0.01	59.73 2.46 -0.01	54.81 2.71 -0.01	51.61 3.64 -0.01	46.98 3.68 0.00
BARRETT_IC_4 23707	49.25 4.07 -0.02	43.12 3.41 -0.02	39.21 3.14 -0.02	36.62 2.87 0.00	36.50 2.64 0.00	37.70 2.70 0.00	40.92 3.13 0.00	43.35 3.62 0.00	43.84 3.87 -0.02	41.40 3.70 -0.02	45.87 3.49 -5.25	49.39 3.75 -5.29	50.62 3.86 -6.14	52.59 4.07 -5.66	53.78 4.23 -5.97	55.49 4.73 -2.99	58.59 5.03 -0.02	67.81 5.02 -0.01	76.33 4.32 -0.01	70.85 3.50 -0.01	59.73 2.46 -0.01	54.81 2.71 -0.01	51.61 3.64 -0.01	46.98 3.68 0.00
BARRETT_IC_5 23708	49.25 4.07 -0.02	43.12 3.41 -0.02	39.21 3.14 -0.02	36.62 2.87 0.00	36.50 2.64 0.00	37.70 2.70 0.00	40.92 3.13 0.00	43.35 3.62 0.00	43.84 3.87 -0.02	41.40 3.70 -0.02	45.87 3.49 -5.25	49.39 3.75 -5.29	50.62 3.86 -6.14	52.59 4.07 -5.66	53.78 4.23 -5.97	55.49 4.73 -2.99	58.59 5.03 -0.02	67.81 5.02 -0.01	76.33 4.32 -0.01	70.85 3.50 -0.01	59.73 2.46 -0.01	54.81 2.71 -0.01	51.61 3.64 -0.01	46.98 3.68 0.00

BARRETT_IC_6 23709	49.25 4.07 -0.02	43.12 3.41 -0.02	39.21 3.14 -0.02	36.62 2.87 0.00	36.50 2.64 0.00	37.70 2.70 0.00	40.92 3.13 0.00	43.35 3.62 0.00	43.84 3.87 -0.02	41.40 3.70 -0.02	45.87 3.49 -5.25	49.39 3.75 -5.29	50.62 3.86 -6.14	52.59 4.07 -5.66	53.78 4.23 -5.97	55.49 4.73 -2.99	58.59 5.03 -0.02	67.81 5.02 -0.01	76.33 4.32 -0.01	70.85 3.50 -0.01	59.73 2.46 -0.01	54.81 2.71 -0.01	51.61 3.64 -0.01	46.98 3.68 0.00
BARRETT_IC_7 23710	49.28 4.11 0.00	43.11 3.41 0.00	39.20 3.14 0.00	36.68 2.94 0.00	36.50 2.64 0.00	37.70 2.70 0.00	40.85 3.06 0.00	43.27 3.54 0.00	43.78 3.83 0.00	41.30 3.62 0.00	45.90 3.53 -5.24	49.42 3.79 -5.28	50.68 3.94 -6.12	52.57 4.07 -5.64	53.77 4.23 -5.95	55.47 4.73 -2.97	58.58 5.03 0.00	67.80 5.02 0.00	76.33 4.32 0.00	70.85 3.50 0.00	59.95 2.69 0.00	55.48 3.39 0.00	51.85 3.89 0.00	46.98 3.68 0.00
BARRETT_IC_8 23711	49.25 4.07 -0.02	43.12 3.41 -0.02	39.21 3.14 -0.02	36.62 2.87 0.00	36.50 2.64 0.00	37.70 2.70 0.00	40.92 3.13 0.00	43.35 3.62 0.00	43.84 3.87 -0.02	41.40 3.70 -0.02	45.87 3.49 -5.25	49.39 3.75 -5.29	50.62 3.86 -6.14	52.59 4.07 -5.66	53.78 4.23 -5.97	55.49 4.73 -2.99	58.59 5.03 -0.02	67.81 5.02 -0.01	76.33 4.32 -0.01	70.85 3.50 -0.01	59.73 2.46 -0.01	54.81 2.71 -0.01	51.61 3.64 -0.01	46.98 3.68 0.00
BARRETT_IC_9 23700	49.25 4.07 -0.02	43.12 3.41 -0.02	39.21 3.14 -0.02	36.62 2.87 0.00	36.50 2.64 0.00	37.70 2.70 0.00	40.92 3.13 0.00	43.35 3.62 0.00	43.84 3.87 -0.02	41.40 3.70 -0.02	45.87 3.49 -5.25	49.39 3.75 -5.29	50.62 3.86 -6.14	52.59 4.07 -5.66	53.78 4.23 -5.97	55.49 4.73 -2.99	58.59 5.03 -0.02	67.81 5.02 -0.01	76.33 4.32 -0.01	70.85 3.50 -0.01	59.73 2.46 -0.01	54.81 2.71 -0.01	51.61 3.64 -0.01	46.98 3.68 0.00
BARRETT___1 23545	49.25 4.07 -0.02	43.12 3.41 -0.02	39.21 3.14 -0.02	36.62 2.87 0.00	36.50 2.64 0.00	37.70 2.70 0.00	40.92 3.13 0.00	43.35 3.62 0.00	43.84 3.87 -0.02	41.40 3.70 -0.02	45.87 3.49 -5.25	49.39 3.75 -5.29	50.62 3.86 -6.14	52.59 4.07 -5.66	53.78 4.23 -5.97	55.49 4.73 -2.99	58.59 5.03 -0.02	67.81 5.02 -0.01	76.33 4.32 -0.01	70.85 3.50 -0.01	59.73 2.46 -0.01	54.81 2.71 -0.01	51.61 3.64 -0.01	46.98 3.68 0.00
BARRETT___2 23546	49.25 4.07 -0.02	43.12 3.41 -0.02	39.21 3.14 -0.02	36.62 2.87 0.00	36.50 2.64 0.00	37.70 2.70 0.00	40.92 3.13 0.00	43.35 3.62 0.00	43.84 3.87 -0.02	41.40 3.70 -0.02	45.87 3.49 -5.25	49.39 3.75 -5.29	50.62 3.86 -6.14	52.59 4.07 -5.66	53.78 4.23 -5.97	55.49 4.73 -2.99	58.59 5.03 -0.02	67.81 5.02 -0.01	76.33 4.32 -0.01	70.85 3.50 -0.01	59.73 2.46 -0.01	54.81 2.71 -0.01	51.61 3.64 -0.01	46.98 3.68 0.00
BATAVIA___115KV_TB1 55881	44.76 -0.41 0.00	40.25 0.56 0.00	36.27 0.22 0.00	33.65 -0.10 0.00	33.89 0.03 0.00	35.11 0.11 0.00	37.56 -0.23 0.00	38.74 -0.99 0.00	39.11 -0.84 0.00	37.08 -0.60 0.00	36.28 -0.85 0.00	39.17 -1.17 0.00	40.46 -0.16 0.00	42.98 0.13 0.00	44.02 0.44 0.00	47.38 -0.38 0.00	53.49 -0.05 0.00	63.28 0.50 0.00	72.22 0.22 0.00	68.89 1.55 0.00	58.52 1.26 0.00	52.62 0.52 0.00	48.83 0.86 0.00	44.47 1.17 0.00
BAYONEEC___CTG1 323682	48.65 3.48 0.00	42.43 2.74 0.00	38.58 2.52 0.00	36.01 2.26 0.00	36.06 2.20 0.00	37.28 2.27 0.00	40.43 2.64 0.00	42.87 3.14 0.00	43.34 3.39 0.00	40.96 3.28 0.00	44.41 3.38 -3.90	49.25 3.63 -5.27	50.51 3.82 -6.07	52.39 3.94 -5.59	53.67 4.18 -5.90	55.40 4.68 -2.95	58.47 4.92 0.00	67.93 5.15 0.00	76.47 4.47 0.00	71.25 3.90 0.00	60.18 2.92 0.00	55.06 2.97 0.00	51.08 3.12 0.00	46.33 3.03 0.00
BAYONEEC___CTG10 323750	48.65 3.48 0.00	42.43 2.74 0.00	38.58 2.52 0.00	36.01 2.26 0.00	36.06 2.20 0.00	37.28 2.27 0.00	40.43 2.64 0.00	42.87 3.14 0.00	43.34 3.39 0.00	40.96 3.28 0.00	44.41 3.38 -3.90	49.25 3.63 -5.27	50.51 3.82 -6.07	52.39 3.94 -5.59	53.67 4.18 -5.90	55.40 4.68 -2.95	58.47 4.92 0.00	67.93 5.15 0.00	76.47 4.47 0.00	71.25 3.90 0.00	60.18 2.92 0.00	55.06 2.97 0.00	51.08 3.12 0.00	46.33 3.03 0.00
BAYONEEC___CTG2 323683	48.65 3.48 0.00	42.43 2.74 0.00	38.58 2.52 0.00	36.01 2.26 0.00	36.06 2.20 0.00	37.28 2.27 0.00	40.43 2.64 0.00	42.87 3.14 0.00	43.34 3.39 0.00	40.96 3.28 0.00	44.41 3.38 -3.90	49.25 3.63 -5.27	50.51 3.82 -6.07	52.39 3.94 -5.59	53.67 4.18 -5.90	55.40 4.68 -2.95	58.47 4.92 0.00	67.93 5.15 0.00	76.47 4.47 0.00	71.25 3.90 0.00	60.18 2.92 0.00	55.06 2.97 0.00	51.08 3.12 0.00	46.33 3.03 0.00
BAYONEEC___CTG3 323684	48.65 3.48 0.00	42.43 2.74 0.00	38.58 2.52 0.00	36.01 2.26 0.00	36.06 2.20 0.00	37.28 2.27 0.00	40.43 2.64 0.00	42.87 3.14 0.00	43.34 3.39 0.00	40.96 3.28 0.00	44.41 3.38 -3.90	49.25 3.63 -5.27	50.51 3.82 -6.07	52.39 3.94 -5.59	53.67 4.18 -5.90	55.40 4.68 -2.95	58.47 4.92 0.00	67.93 5.15 0.00	76.47 4.47 0.00	71.25 3.90 0.00	60.18 2.92 0.00	55.06 2.97 0.00	51.08 3.12 0.00	46.33 3.03 0.00
BAYONEEC___CTG4 323685	48.65 3.48 0.00	42.43 2.74 0.00	38.58 2.52 0.00	36.01 2.26 0.00	36.06 2.20 0.00	37.28 2.27 0.00	40.43 2.64 0.00	42.87 3.14 0.00	43.34 3.39 0.00	40.96 3.28 0.00	44.41 3.38 -3.90	49.25 3.63 -5.27	50.51 3.82 -6.07	52.39 3.94 -5.59	53.67 4.18 -5.90	55.40 4.68 -2.95	58.47 4.92 0.00	67.93 5.15 0.00	76.47 4.47 0.00	71.25 3.90 0.00	60.18 2.92 0.00	55.06 2.97 0.00	51.08 3.12 0.00	46.33 3.03 0.00
BAYONEEC___CTG5 323686	48.65 3.48 0.00	42.43 2.74 0.00	38.58 2.52 0.00	36.01 2.26 0.00	36.06 2.20 0.00	37.28 2.27 0.00	40.43 2.64 0.00	42.87 3.14 0.00	43.34 3.39 0.00	40.96 3.28 0.00	44.41 3.38 -3.90	49.25 3.63 -5.27	50.51 3.82 -6.07	52.39 3.94 -5.59	53.67 4.18 -5.90	55.40 4.68 -2.95	58.47 4.92 0.00	67.93 5.15 0.00	76.47 4.47 0.00	71.25 3.90 0.00	60.18 2.92 0.00	55.06 2.97 0.00	51.08 3.12 0.00	46.33 3.03 0.00
BAYONEEC___CTG6 323687	48.65 3.48 0.00	42.43 2.74 0.00	38.58 2.52 0.00	36.01 2.26 0.00	36.06 2.20 0.00	37.28 2.27 0.00	40.43 2.64 0.00	42.87 3.14 0.00	43.34 3.39 0.00	40.96 3.28 0.00	44.41 3.38 -3.90	49.25 3.63 -5.27	50.51 3.82 -6.07	52.39 3.94 -5.59	53.67 4.18 -5.90	55.40 4.68 -2.95	58.47 4.92 0.00	67.93 5.15 0.00	76.47 4.47 0.00	71.25 3.90 0.00	60.18 2.92 0.00	55.06 2.97 0.00	51.08 3.12 0.00	46.33 3.03 0.00
BAYONEEC___CTG7 323688	48.65 3.48 0.00	42.43 2.74 0.00	38.58 2.52 0.00	36.01 2.26 0.00	36.06 2.20 0.00	37.28 2.27 0.00	40.43 2.64 0.00	42.87 3.14 0.00	43.34 3.39 0.00	40.96 3.28 0.00	44.41 3.38 -3.90	49.25 3.63 -5.27	50.51 3.82 -6.07	52.39 3.94 -5.59	53.67 4.18 -5.90	55.40 4.68 -2.95	58.47 4.92 0.00	67.93 5.15 0.00	76.47 4.47 0.00	71.25 3.90 0.00	60.18 2.92 0.00	55.06 2.97 0.00	51.08 3.12 0.00	46.33 3.03 0.00

BAYONEEC___CTG8 323689	48.65 3.48 0.00	42.43 2.74 0.00	38.58 2.52 0.00	36.01 2.26 0.00	36.06 2.20 0.00	37.28 2.27 0.00	40.43 2.64 0.00	42.87 3.14 0.00	43.34 3.39 0.00	40.96 3.28 0.00	44.41 3.38 -3.90	49.25 3.63 -5.27	50.51 3.82 -6.07	52.39 3.94 -5.59	53.67 4.18 -5.90	55.40 4.68 -2.95	58.47 4.92 0.00	67.93 5.15 0.00	76.47 4.47 0.00	71.25 3.90 0.00	60.18 2.92 0.00	55.06 2.97 0.00	51.08 3.12 0.00	46.33 3.03 0.00
BAYONEEC___CTG9 323749	48.65 3.48 0.00	42.43 2.74 0.00	38.58 2.52 0.00	36.01 2.26 0.00	36.06 2.20 0.00	37.28 2.27 0.00	40.43 2.64 0.00	42.87 3.14 0.00	43.34 3.39 0.00	40.96 3.28 0.00	44.41 3.38 -3.90	49.25 3.63 -5.27	50.51 3.82 -6.07	52.39 3.94 -5.59	53.67 4.18 -5.90	55.40 4.68 -2.95	58.47 4.92 0.00	67.93 5.15 0.00	76.47 4.47 0.00	71.25 3.90 0.00	60.18 2.92 0.00	55.06 2.97 0.00	51.08 3.12 0.00	46.33 3.03 0.00
BEACON___LESR 323632	46.71 1.54 0.00	41.00 1.31 0.00	37.39 1.33 0.00	34.96 1.21 0.00	35.04 1.18 0.00	36.20 1.19 0.00	38.92 1.13 0.00	41.00 1.27 0.00	41.19 1.24 0.00	38.66 0.98 0.00	37.93 1.00 0.20	41.32 1.05 0.07	41.36 1.05 0.31	43.59 1.03 0.29	44.50 1.22 0.31	49.05 1.43 0.15	55.04 1.50 0.00	64.60 1.82 0.00	73.52 1.51 0.00	69.09 1.75 0.00	58.75 1.49 0.00	53.55 1.46 0.00	49.16 1.20 0.00	44.30 1.00 0.00
BEAVER RIVER___HYD 24048	46.48 1.31 0.00	40.85 1.15 0.00	36.82 0.76 0.00	34.32 0.57 0.00	34.60 0.74 0.00	35.88 0.88 0.00	38.92 1.13 0.00	40.65 0.91 0.00	40.58 0.64 0.00	37.91 0.23 0.00	37.28 0.15 0.00	40.50 0.16 -0.04	40.58 -0.04 -0.09	42.77 -0.26 -0.48	43.33 -0.48 -0.21	47.29 -0.48 -0.21	53.33 -0.21 0.00	62.90 0.13 0.00	72.94 0.93 0.00	68.96 1.61 0.00	58.92 1.66 0.00	53.97 1.87 0.00	49.74 1.78 0.00	44.82 1.51 0.00
BEEBEE_GT_13 23619	44.49 -0.68 0.00	39.69 0.00 0.00	35.81 -0.25 0.00	33.31 -0.44 0.00	33.69 -0.17 0.00	34.93 -0.07 0.00	37.49 -0.30 0.00	39.14 -0.60 0.00	39.55 -0.40 0.00	37.38 -0.30 0.00	36.68 -0.45 0.00	39.78 -0.56 0.00	40.58 -0.04 0.00	43.03 0.17 0.00	43.98 0.39 0.00	47.67 -0.10 0.00	53.65 0.11 0.00	63.28 0.50 0.00	72.29 0.29 0.00	68.42 1.08 0.00	58.12 0.86 0.00	52.51 0.42 0.00	48.49 0.53 0.00	43.91 0.61 0.00
BENSHRST_27_KV_BENSHRST_1 355998	49.42 4.25 0.00	42.99 3.29 0.00	39.05 2.99 0.00	36.52 2.77 0.00	36.47 2.61 0.00	37.52 2.52 0.00	40.74 2.95 0.00	43.03 3.30 0.00	43.42 3.48 0.00	41.15 3.47 0.00	44.57 3.53 -3.92	49.61 3.99 -5.28	50.60 3.90 -6.08	52.62 4.16 -5.60	53.73 4.23 -5.91	55.69 4.97 -2.95	58.79 5.25 0.00	68.18 5.40 0.00	76.90 4.90 0.00	71.72 4.38 0.00	60.64 3.38 0.00	55.12 3.02 0.00	51.13 3.17 0.00	46.89 3.59 0.00
BETHLEHEM___GRP 23843	46.03 0.86 0.00	40.37 0.67 0.00	36.85 0.79 0.00	34.56 0.81 0.00	34.57 0.71 0.00	35.70 0.70 0.00	38.43 0.64 0.00	40.53 0.79 0.00	40.67 0.72 0.00	38.25 0.57 0.00	37.56 0.63 0.20	40.88 0.61 0.07	40.84 0.53 0.31	43.00 0.43 0.29	43.85 0.57 0.30	48.38 0.76 0.15	54.24 0.70 0.00	63.53 0.75 0.00	72.29 0.29 0.00	67.82 0.47 0.00	57.72 0.46 0.00	52.62 0.52 0.00	48.35 0.38 0.00	43.60 0.30 0.00
BETHLEHEM___GS1 323560	45.98 0.81 0.00	40.37 0.67 0.00	36.85 0.79 0.00	34.49 0.74 0.00	34.60 0.74 0.00	35.70 0.70 0.00	38.39 0.60 0.00	40.45 0.72 0.00	40.63 0.68 0.00	38.17 0.49 0.00	37.45 0.52 0.20	40.79 0.52 0.07	40.84 0.53 0.31	43.00 0.43 0.29	43.85 0.57 0.30	48.33 0.72 0.15	54.24 0.69 0.00	63.53 0.76 0.00	72.30 0.29 0.00	67.82 0.47 0.00	57.72 0.46 0.00	52.62 0.52 0.00	48.35 0.38 0.00	43.61 0.31 0.00
BETHLEHEM___GS2 323561	45.98 0.81 0.00	40.37 0.67 0.00	36.85 0.79 0.00	34.49 0.74 0.00	34.60 0.74 0.00	35.70 0.70 0.00	38.39 0.60 0.00	40.45 0.72 0.00	40.63 0.68 0.00	38.17 0.49 0.00	37.45 0.52 0.20	40.79 0.52 0.07	40.84 0.53 0.31	43.00 0.43 0.29	43.85 0.57 0.30	48.33 0.72 0.15	54.24 0.69 0.00	63.53 0.76 0.00	72.30 0.29 0.00	67.82 0.47 0.00	57.72 0.46 0.00	52.62 0.52 0.00	48.35 0.38 0.00	43.61 0.31 0.00
BETHLEHEM___GS3 323562	45.98 0.81 0.00	40.37 0.67 0.00	36.85 0.79 0.00	34.49 0.74 0.00	34.60 0.74 0.00	35.70 0.70 0.00	38.39 0.60 0.00	40.45 0.72 0.00	40.63 0.68 0.00	38.17 0.49 0.00	37.45 0.52 0.20	40.79 0.52 0.07	40.84 0.53 0.31	43.00 0.43 0.29	43.85 0.57 0.30	48.33 0.72 0.15	54.24 0.69 0.00	63.53 0.76 0.00	72.30 0.29 0.00	67.82 0.47 0.00	57.72 0.46 0.00	52.62 0.52 0.00	48.35 0.38 0.00	43.61 0.31 0.00
BETHLEHEM___STEEL 23779	43.91 -1.26 0.00	39.50 -0.20 0.00	35.59 -0.47 0.00	33.07 -0.67 0.00	33.55 -0.30 0.00	34.69 -0.32 0.00	36.96 -0.83 0.00	37.83 -1.91 0.00	38.03 -1.92 0.00	36.29 -1.39 0.00	35.53 -1.60 0.00	38.32 -2.02 0.00	39.93 -0.69 0.00	42.47 -0.39 0.00	43.50 -0.09 0.00	46.76 -1.00 0.00	52.80 -0.75 0.00	62.21 -0.57 0.00	70.49 -1.51 0.00	67.28 -0.07 0.00	57.09 -0.17 0.00	51.37 -0.73 0.00	47.82 -0.14 0.00	43.82 0.52 0.00
BETHLHEM_115KV_TB1 79974	46.12 0.95 0.00	40.45 0.75 0.00	36.89 0.83 0.00	34.59 0.84 0.00	34.64 0.78 0.00	35.74 0.74 0.00	38.51 0.72 0.00	40.57 0.83 0.00	40.75 0.80 0.00	38.33 0.64 0.00	37.60 0.67 0.20	40.96 0.69 0.07	40.96 0.65 0.31	43.13 0.56 0.29	43.98 0.70 0.30	48.48 0.86 0.15	54.35 0.80 0.00	63.66 0.88 0.00	72.51 0.50 0.00	67.95 0.61 0.00	57.83 0.57 0.00	52.72 0.63 0.00	48.49 0.53 0.00	43.69 0.39 0.00
BETHPAGE_CC_5 323564	49.38 4.20 -0.01	43.07 3.37 -0.01	39.24 3.17 -0.01	36.58 2.84 0.00	36.43 2.57 0.00	37.63 2.63 0.00	40.85 3.06 0.00	43.27 3.53 0.00	43.83 3.87 -0.01	41.39 3.70 -0.01	46.09 3.71 -5.24	49.58 3.96 -5.28	50.90 4.15 -6.13	52.79 4.29 -5.65	54.00 4.45 -5.96	55.55 4.82 -2.96	59.71 5.03 -1.13	66.83 4.96 0.91	76.48 4.25 -0.23	70.57 3.23 0.00	59.55 2.29 0.00	54.60 2.50 0.00	51.46 3.50 0.00	46.94 3.64 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.95 -1.22 0.00	39.50 -0.20 0.00	35.63 -0.43 0.00	33.07 -0.67 0.00	33.55 -0.30 0.00	34.69 -0.32 0.00	36.99 -0.79 0.00	37.86 -1.87 0.00	38.07 -1.88 0.00	36.29 -1.39 0.00	35.57 -1.56 0.00	38.36 -1.98 0.00	39.97 -0.65 0.00	42.56 -0.30 0.00	43.59 0.00 0.00	46.81 -0.96 0.00	52.90 -0.64 0.00	62.34 -0.44 0.00	70.64 -1.37 0.00	67.41 0.07 0.00	57.20 -0.06 0.00	51.42 -0.68 0.00	47.82 -0.14 0.00	43.86 0.56 0.00
BINGHAMTON___COGEN 23790	45.40 0.23 0.00	40.09 0.40 0.00	36.31 0.25 0.00	33.95 0.20 0.00	34.16 0.30 0.00	35.32 0.32 0.00	38.09 0.30 0.00	39.81 0.08 0.00	40.07 0.12 0.00	37.76 0.08 0.00	37.17 0.04 0.00	40.30 -0.04 0.00	40.95 0.32 0.00	43.37 0.51 0.00	44.24 0.65 0.00	48.34 0.57 0.00	54.30 0.75 0.00	63.78 1.00 0.00	72.73 0.72 0.00	68.56 1.21 0.00	58.29 1.03 0.00	52.88 0.78 0.00	48.68 0.72 0.00	44.08 0.78 0.00

BIXINCNT_115KV_LOAD 355685	43.68 -1.49 0.00	39.22 -0.48 0.00	35.45 -0.61 0.00	32.97 -0.78 0.00	33.45 -0.41 0.00	34.65 -0.35 0.00	37.15 -0.64 0.00	38.10 -1.63 0.00	38.19 -1.76 0.00	36.33 -1.36 0.00	35.61 -1.52 0.00	38.36 -1.98 0.00	40.05 -0.57 0.00	42.64 -0.21 0.00	43.67 0.09 0.00	47.00 -0.76 0.00	53.17 -0.37 0.00	62.65 -0.13 0.00	70.93 -1.08 0.00	67.75 0.40 0.00	57.49 0.23 0.00	51.68 -0.42 0.00	47.96 0.00 0.00	44.04 0.74 0.00
BLACK RIVER___HYD 24047	47.02 1.85 0.00	41.32 1.63 0.00	37.39 1.33 0.00	34.86 1.11 0.00	35.11 1.25 0.00	36.51 1.50 0.00	39.60 1.81 0.00	41.28 1.55 0.00	41.14 1.20 0.00	38.36 0.68 0.00	37.69 0.56 0.00	40.99 0.64 0.00	40.95 0.32 0.00	43.20 0.34 0.00	43.81 0.22 0.00	47.81 0.05 0.00	53.97 0.43 0.00	63.78 1.00 0.00	74.02 2.01 0.00	70.30 2.96 0.00	60.12 2.86 0.00	54.96 2.86 0.00	50.46 2.49 0.00	45.42 2.12 0.00
BLACKRVR_115KV_TB2 79977	46.98 1.81 0.00	41.32 1.63 0.00	37.39 1.33 0.00	34.79 1.05 0.00	35.15 1.29 0.00	36.51 1.51 0.00	39.60 1.81 0.00	41.28 1.55 0.00	41.15 1.20 0.00	38.36 0.68 0.00	37.65 0.52 0.00	40.95 0.61 0.00	40.95 0.32 0.00	43.20 0.34 0.00	43.81 0.22 0.00	47.77 0.00 0.00	53.98 0.43 0.00	63.78 1.00 0.00	74.02 2.02 0.00	70.31 2.96 0.00	60.12 2.86 0.00	54.96 2.87 0.00	50.41 2.45 0.00	45.38 2.08 0.00
BLDWN_LI_69_KV_BK4 356085	49.73 4.56 0.00	43.35 3.65 0.00	39.45 3.39 0.00	36.89 3.14 0.00	36.67 2.81 0.00	37.84 2.84 0.00	41.04 3.25 0.00	43.47 3.73 0.00	43.98 4.03 0.00	41.53 3.84 0.00	46.24 3.86 -5.24	49.78 4.16 -5.28	51.09 4.35 -6.12	53.08 4.59 -5.64	54.34 4.79 -5.95	56.09 5.35 -2.97	59.17 5.62 0.00	68.49 5.71 0.00	77.19 5.18 0.00	71.52 4.18 0.00	60.52 3.26 0.00	56.00 3.91 0.00	52.23 4.27 0.00	47.24 3.94 0.00
BLISS_WT_PWR 323608	43.82 -1.35 0.00	39.14 -0.56 0.00	35.37 -0.69 0.00	33.31 -0.44 0.00	33.45 -0.40 0.00	34.69 -0.32 0.00	37.15 -0.64 0.00	38.22 -1.51 0.00	38.19 -1.76 0.00	36.36 -1.32 0.00	35.91 -1.22 0.00	38.85 -1.49 0.00	40.09 -0.53 0.00	42.64 -0.21 0.00	43.67 0.09 0.00	47.20 -0.57 0.00	53.23 -0.32 0.00	62.65 -0.13 0.00	70.93 -1.08 0.00	67.75 0.41 0.00	57.49 0.23 0.00	51.73 -0.36 0.00	48.11 0.14 0.00	44.04 0.74 0.00
BLUESTONE___WT_PWR 323821	47.47 2.30 0.00	41.80 2.10 0.00	37.97 1.91 0.00	35.50 1.75 0.00	35.72 1.86 0.00	37.10 2.10 0.00	40.21 2.42 0.00	41.92 2.18 0.00	41.90 1.96 0.00	39.08 1.40 0.00	38.43 1.30 0.00	41.75 1.41 0.00	42.04 1.42 0.00	44.48 1.63 0.00	45.33 1.75 0.00	49.58 1.81 0.00	55.96 2.41 0.00	65.92 3.14 0.00	75.75 3.74 0.00	71.72 4.37 0.00	61.04 3.78 0.00	55.48 3.38 0.00	50.89 2.93 0.00	45.94 2.64 0.00
BLUE_CIRC_CHEM_DRP 24182	46.57 1.40 0.00	40.88 1.19 0.00	37.25 1.19 0.00	34.90 1.15 0.00	34.94 1.08 0.00	36.09 1.09 0.00	38.81 1.02 0.00	40.80 1.07 0.00	40.91 0.96 0.00	38.44 0.75 0.00	37.73 0.78 0.18	41.08 0.81 0.06	41.11 0.77 0.28	43.32 0.73 0.26	44.18 0.87 0.28	48.73 1.10 0.14	54.62 1.07 0.00	64.03 1.26 0.00	73.01 1.01 0.00	68.56 1.21 0.00	58.41 1.15 0.00	53.24 1.15 0.00	49.02 1.06 0.00	44.21 0.91 0.00
BOC_GAS_DRP 24189	46.30 1.13 0.00	40.61 0.91 0.00	36.96 0.90 0.00	34.66 0.91 0.00	34.71 0.85 0.00	35.81 0.81 0.00	38.58 0.79 0.00	40.69 0.95 0.00	40.87 0.92 0.00	38.48 0.79 0.00	37.79 0.85 0.19	41.16 0.89 0.07	41.21 0.89 0.30	43.48 0.90 0.28	44.30 1.00 0.29	48.81 1.19 0.15	54.72 1.18 0.00	64.03 1.26 0.00	72.87 0.86 0.00	68.29 0.94 0.00	58.12 0.86 0.00	52.98 0.89 0.00	48.78 0.82 0.00	43.99 0.69 0.00
BOONVILLE_115KV_TB1 79983	46.39 1.22 0.00	40.81 1.11 0.00	36.92 0.87 0.00	34.46 0.71 0.00	34.67 0.81 0.00	35.95 0.95 0.00	38.96 1.17 0.00	40.77 1.03 0.00	40.87 0.92 0.00	38.29 0.60 0.00	37.65 0.52 0.00	40.91 0.56 0.00	41.07 0.45 0.00	43.33 0.47 0.00	44.02 0.44 0.00	48.15 0.38 0.00	54.24 0.70 0.00	63.85 1.07 0.00	73.59 1.58 0.00	69.30 1.95 0.00	59.09 1.83 0.00	53.92 1.82 0.00	49.64 1.68 0.00	44.73 1.43 0.00
BORALEX_4TH_BRANCH 23824	47.84 2.67 0.00	42.00 2.30 0.00	38.15 2.09 0.00	35.67 1.92 0.00	35.69 1.83 0.00	36.89 1.89 0.00	39.75 1.96 0.00	42.04 2.30 0.00	42.14 2.20 0.00	39.61 1.92 0.00	38.75 1.86 0.23	42.28 2.02 0.08	42.25 1.99 0.36	44.58 2.06 0.34	45.46 2.22 0.35	50.31 2.72 0.18	56.38 2.84 0.00	66.17 3.39 0.00	75.25 3.24 0.00	70.58 3.23 0.00	60.12 2.86 0.00	54.80 2.71 0.00	50.22 2.25 0.00	45.16 1.86 0.00
BOWLINE___1 23526	47.88 2.71 0.00	41.84 2.14 0.00	38.11 2.05 0.00	35.60 1.85 0.00	35.65 1.79 0.00	36.82 1.82 0.00	39.83 2.04 0.00	42.12 2.38 0.00	42.51 2.56 0.00	40.10 2.41 0.00	42.23 2.53 -2.57	43.54 2.70 -0.49	47.54 2.88 -4.03	49.62 3.04 -3.72	50.78 3.27 -3.92	53.40 3.68 -1.96	57.51 3.96 0.00	67.05 4.27 0.00	75.68 3.67 0.00	70.71 3.37 0.00	59.78 2.52 0.00	54.60 2.50 0.00	50.41 2.44 0.00	45.64 2.34 0.00
BOWLINE___2 23595	47.79 2.62 0.00	41.80 2.10 0.00	38.08 2.02 0.00	35.57 1.82 0.00	35.62 1.76 0.00	36.82 1.82 0.00	39.79 2.00 0.00	42.08 2.34 0.00	42.46 2.52 0.00	40.06 2.38 0.00	42.19 2.49 -2.57	43.45 2.62 -0.49	47.50 2.84 -4.04	49.58 3.00 -3.72	50.69 3.18 -3.93	53.36 3.63 -1.96	57.40 3.86 0.00	66.92 4.14 0.00	75.53 3.53 0.00	70.58 3.23 0.00	59.66 2.40 0.00	54.49 2.40 0.00	50.36 2.40 0.00	45.55 2.25 0.00
BRADY___115KV_TB2 356060	45.58 0.41 0.00	40.05 0.36 0.00	36.42 0.36 0.00	34.02 0.27 0.00	34.23 0.37 0.00	35.32 0.32 0.00	38.32 0.53 0.00	40.01 0.28 0.00	39.99 0.04 0.00	37.61 -0.08 0.00	36.98 -0.15 0.00	40.14 -0.20 0.00	40.26 -0.37 0.00	42.30 -0.56 0.00	42.72 -0.87 0.00	46.67 -1.10 0.00	52.64 -0.91 0.00	62.02 -0.75 0.00	72.37 0.36 0.00	67.68 0.34 0.00	57.60 0.34 0.00	52.51 0.42 0.00	48.35 0.38 0.00	43.65 0.35 0.00
BRANSCOMB___SOLAR 323811	47.52 2.35 0.00	41.76 2.06 0.00	37.93 1.87 0.00	35.40 1.65 0.00	35.52 1.66 0.00	36.72 1.71 0.00	39.53 1.74 0.00	41.56 1.83 0.00	41.55 1.60 0.00	38.85 1.17 0.00	37.94 1.00 0.19	41.32 1.05 0.07	41.38 1.05 0.30	43.65 1.07 0.28	44.51 1.22 0.29	49.10 1.48 0.15	55.15 1.60 0.00	64.97 2.20 0.00	74.38 2.37 0.00	70.24 2.89 0.00	59.95 2.69 0.00	54.65 2.55 0.00	50.12 2.16 0.00	45.08 1.78 0.00
BRDGHMPT_69_KV_BK1 55812	50.64 5.47 0.00	43.90 4.21 0.00	39.92 3.86 0.00	37.43 3.68 0.00	37.14 3.28 0.00	38.19 3.19 0.00	41.49 3.70 0.00	43.82 4.09 0.00	44.78 4.83 0.00	42.28 4.60 0.00	47.20 4.83 -5.24	50.83 5.20 -5.28	52.35 5.61 -6.12	54.63 6.13 -5.64	55.99 6.45 -5.95	57.93 7.07 -3.10	64.39 7.55 -3.29	75.94 7.85 -5.31	79.83 7.42 -0.40	73.28 5.93 -0.01	61.79 4.52 -0.01	57.05 4.95 0.00	53.05 5.08 0.00	48.02 4.72 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	50.27 5.10 0.00	43.70 4.01 0.00	39.70 3.64 0.00	37.12 3.37 0.00	36.87 3.01 0.00	38.05 3.05 0.00	41.34 3.55 0.00	43.75 4.01 0.00	44.38 4.43 0.00	41.87 4.18 0.00	46.65 4.27 -5.24	50.14 4.52 -5.28	51.45 4.71 -6.12	53.38 4.89 -5.64	54.60 5.06 -5.95	56.09 5.35 -2.97	78.78 5.62 -19.61	68.37 5.59 0.00	80.46 4.97 -3.49	71.25 3.91 0.00	60.31 3.03 -0.02	56.00 3.91 0.00	52.47 4.51 0.00	47.59 4.29 0.00
BRISTLHL_115KV_TB1 79998	44.45 -0.72 0.00	39.14 -0.56 0.00	35.48 -0.58 0.00	33.17 -0.57 0.00	33.35 -0.51 0.00	34.48 -0.53 0.00	37.30 -0.49 0.00	39.14 -0.60 0.00	39.39 -0.56 0.00	37.08 -0.60 0.00	36.46 -0.67 0.00	39.62 -0.73 0.00	40.01 -0.61 0.00	42.34 -0.51 0.00	43.11 -0.48 0.00	47.19 -0.57 0.00	52.90 -0.64 0.00	62.15 -0.63 0.00	71.14 -0.86 0.00	66.87 -0.47 0.00	56.92 -0.34 0.00	51.68 -0.42 0.00	47.53 -0.43 0.00	42.87 -0.43 0.00
BROOKHAVEN___DRP 24191	49.78 4.61 0.00	43.23 3.53 0.00	39.27 3.21 0.00	36.82 3.07 0.00	36.53 2.67 0.00	37.59 2.59 0.00	40.92 3.14 0.00	43.19 3.46 0.00	43.94 3.99 0.00	41.42 3.73 0.00	46.20 3.82 -5.24	49.62 3.99 -5.28	50.97 4.22 -6.12	52.96 4.46 -5.64	54.20 4.66 -5.95	55.87 5.02 -3.09	61.94 5.19 -3.20	72.95 5.09 -5.08	76.72 4.32 -0.40	70.66 3.30 -0.01	59.79 2.52 -0.01	55.48 3.39 0.00	51.80 3.84 0.00	46.98 3.68 0.00
BROOKLYN_NAVY_YARD 23515	48.60 3.43 0.00	42.39 2.70 0.00	38.51 2.45 0.00	35.94 2.19 0.00	36.03 2.17 0.00	37.21 2.21 0.00	40.39 2.61 0.00	42.87 3.14 0.00	43.34 3.39 0.00	40.96 3.28 0.00	44.37 3.34 -3.90	49.20 3.59 -5.27	50.42 3.73 -6.07	52.39 3.94 -5.59	53.63 4.14 -5.90	55.40 4.68 -2.95	58.47 4.92 0.00	67.93 5.15 0.00	76.47 4.47 0.00	71.32 3.97 0.00	60.24 2.98 0.00	55.01 2.92 0.00	51.04 3.07 0.00	46.25 2.95 0.00
BROOKLYN___ARMY_DRP 323595	49.19 4.02 0.00	42.79 3.10 0.00	38.87 2.81 0.00	36.35 2.60 0.00	36.30 2.44 0.00	37.35 2.35 0.00	40.55 2.76 0.00	42.83 3.10 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.39 3.34 -3.92	49.37 3.75 -5.28	50.36 3.66 -6.08	52.36 3.90 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.47 4.93 0.00	67.74 4.96 0.00	76.40 4.39 0.00	71.32 3.97 0.00	60.24 2.98 0.00	54.80 2.71 0.00	50.84 2.88 0.00	46.64 3.33 0.00
BROOME_2_LFGE 323671	45.44 0.27 0.00	40.09 0.40 0.00	36.31 0.25 0.00	34.05 0.30 0.00	34.16 0.30 0.00	35.32 0.31 0.00	38.09 0.30 0.00	39.85 0.12 0.00	40.07 0.12 0.00	37.76 0.08 0.00	37.24 0.11 0.00	40.46 0.12 0.00	40.99 0.36 0.00	43.37 0.52 0.00	44.24 0.65 0.00	48.39 0.62 0.00	54.30 0.75 0.00	63.78 1.00 0.00	72.73 0.72 0.00	68.56 1.21 0.00	58.29 1.03 0.00	52.88 0.78 0.00	48.73 0.77 0.00	44.08 0.78 0.00
BROOME___LFGE 323600	45.44 0.27 0.00	40.09 0.40 0.00	36.31 0.25 0.00	34.05 0.30 0.00	34.16 0.30 0.00	35.32 0.31 0.00	38.09 0.30 0.00	39.85 0.12 0.00	40.07 0.12 0.00	37.76 0.08 0.00	37.24 0.11 0.00	40.46 0.12 0.00	40.99 0.36 0.00	43.37 0.52 0.00	44.24 0.65 0.00	48.39 0.62 0.00	54.30 0.75 0.00	63.78 1.00 0.00	72.73 0.72 0.00	68.56 1.21 0.00	58.29 1.03 0.00	52.88 0.78 0.00	48.73 0.77 0.00	44.08 0.78 0.00
BROWNFLS_115KV_TB_3_5 80003	45.89 0.72 0.00	40.33 0.64 0.00	36.45 0.40 0.00	34.02 0.27 0.00	34.27 0.41 0.00	35.46 0.46 0.00	38.51 0.72 0.00	40.25 0.52 0.00	40.23 0.28 0.00	37.68 0.00 0.00	37.09 -0.04 0.00	40.30 -0.04 0.00	40.38 -0.24 0.00	42.47 -0.39 0.00	42.89 -0.70 0.00	46.76 -1.00 0.00	52.69 -0.86 0.00	62.21 -0.57 0.00	72.29 0.29 0.00	67.95 0.61 0.00	58.00 0.74 0.00	53.14 1.04 0.00	48.97 1.01 0.00	44.17 0.87 0.00
BROWNSV1_27_KV_LOAD 356125	49.24 4.07 0.00	42.87 3.18 0.00	38.94 2.88 0.00	36.45 2.70 0.00	36.40 2.54 0.00	37.59 2.59 0.00	40.81 3.02 0.00	43.23 3.50 0.00	43.70 3.75 0.00	41.26 3.58 0.00	44.82 3.79 -3.90	49.69 4.07 -5.27	50.95 4.27 -6.07	52.95 4.50 -5.59	54.20 4.71 -5.90	56.02 5.30 -2.95	59.17 5.62 0.00	68.81 6.03 0.00	77.48 5.47 0.00	72.19 4.85 0.00	61.21 3.95 0.00	55.74 3.65 0.00	51.70 3.74 0.00	46.81 3.51 0.00
BURROWS___LYONSDAL 23803	46.44 1.26 0.00	40.81 1.11 0.00	36.85 0.79 0.00	34.36 0.61 0.00	34.64 0.78 0.00	35.91 0.91 0.00	38.88 1.10 0.00	40.69 0.95 0.00	40.75 0.80 0.00	38.14 0.45 0.00	37.50 0.37 0.00	40.79 0.44 0.00	40.91 0.28 0.00	43.16 0.30 0.00	43.81 0.22 0.00	47.91 0.14 0.00	53.98 0.43 0.00	63.53 0.75 0.00	73.38 1.37 0.00	69.10 1.75 0.00	58.98 1.72 0.00	53.87 1.77 0.00	49.64 1.68 0.00	44.77 1.47 0.00
CAITHNESS_CC_1 323624	49.61 4.43 -0.01	43.20 3.49 -0.01	39.27 3.21 -0.01	36.68 2.93 0.00	36.50 2.64 0.00	37.59 2.59 0.00	41.00 3.21 0.00	43.31 3.58 0.00	43.95 3.99 -0.01	41.46 3.77 -0.01	46.16 3.79 -5.24	49.54 3.91 -5.28	50.94 4.19 -6.13	52.92 4.42 -5.65	54.12 4.58 -5.96	55.78 4.92 -3.10	61.70 5.03 -3.12	72.54 4.90 -4.86	76.49 4.10 -0.39	70.45 3.10 -0.01	59.39 2.12 -0.01	54.49 2.40 0.00	51.37 3.41 0.00	46.98 3.68 0.00
CALPINE BETH_PAGE_GT4 24209	49.33 4.16 0.00	42.95 3.25 0.00	39.20 3.14 0.00	36.65 2.90 0.00	36.43 2.57 0.00	37.59 2.59 0.00	40.66 2.87 0.00	43.07 3.34 0.00	43.66 3.72 0.00	41.19 3.50 0.00	46.01 3.64 -5.24	49.54 3.91 -5.28	50.80 4.06 -6.12	52.66 4.16 -5.64	53.90 4.36 -5.95	55.50 4.78 -2.95	59.31 5.03 -0.73	66.74 4.90 0.93	76.34 4.18 -0.16	70.57 3.23 0.00	59.72 2.46 0.00	55.27 3.18 0.00	51.70 3.74 0.00	46.81 3.51 0.00
CALPINE_BETH_PAGE_GT_4 323586	49.29 4.11 -0.01	42.96 3.26 -0.01	39.20 3.14 -0.01	36.55 2.80 0.00	36.43 2.57 0.00	37.59 2.59 0.00	40.74 2.95 0.00	43.19 3.45 0.00	43.71 3.75 -0.01	41.28 3.58 -0.01	46.02 3.64 -5.24	49.50 3.87 -5.28	50.81 4.06 -6.13	52.71 4.20 -5.65	53.91 4.36 -5.96	55.50 4.78 -2.96	59.26 4.98 -0.74	66.75 4.90 0.93	76.34 4.17 -0.16	70.57 3.23 0.00	59.49 2.23 0.00	54.55 2.45 0.00	51.37 3.41 0.00	46.81 3.51 0.00
CALPINE_BP_GT1 23823	49.29 4.11 -0.01	42.96 3.26 -0.01	39.20 3.14 -0.01	36.55 2.80 0.00	36.43 2.57 0.00	37.59 2.59 0.00	40.74 2.95 0.00	43.19 3.45 0.00	43.71 3.75 -0.01	41.28 3.58 -0.01	46.02 3.64 -5.24	49.50 3.87 -5.28	50.81 4.06 -6.13	52.71 4.20 -5.65	53.91 4.36 -5.96	55.50 4.78 -2.96	59.26 4.98 -0.74	66.75 4.90 0.93	76.34 4.17 -0.16	70.57 3.23 0.00	59.49 2.23 0.00	54.55 2.45 0.00	51.37 3.41 0.00	46.81 3.51 0.00
CALSPAN___DRP 24200	43.91 -1.26 0.00	39.50 -0.20 0.00	35.59 -0.47 0.00	33.07 -0.67 0.00	33.55 -0.30 0.00	34.69 -0.32 0.00	36.96 -0.83 0.00	37.83 -1.91 0.00	38.03 -1.92 0.00	36.29 -1.39 0.00	35.53 -1.60 0.00	38.32 -2.02 0.00	39.93 -0.69 0.00	42.47 -0.39 0.00	43.50 -0.09 0.00	46.76 -1.00 0.00	52.80 -0.75 0.00	62.21 -0.57 0.00	70.49 -1.51 0.00	67.28 -0.07 0.00	57.09 -0.17 0.00	51.37 -0.73 0.00	47.82 -0.14 0.00	43.82 0.52 0.00

CALVERTON___SOLAR 323806	49.74 4.56 -0.01	43.28 3.57 -0.01	39.35 3.28 -0.01	36.82 3.07 0.00	36.60 2.74 0.00	37.63 2.63 0.00	41.07 3.29 0.00	43.35 3.62 0.00	44.03 4.08 -0.01	41.54 3.85 -0.01	46.24 3.86 -5.24	49.70 4.07 -5.28	51.10 4.35 -6.13	53.14 4.63 -5.65	54.39 4.84 -5.96	56.08 5.21 -3.10	62.19 5.41 -3.24	73.35 5.40 -5.17	77.15 4.75 -0.40	70.99 3.63 -0.01	59.78 2.52 -0.01	54.80 2.71 0.00	51.56 3.60 0.00	47.11 3.81 0.00
CANDIGU_WT_PWR 323617	44.67 -0.50 0.00	39.69 0.00 0.00	35.88 -0.18 0.00	33.75 0.00 0.00	33.89 0.03 0.00	35.07 0.07 0.00	37.56 -0.23 0.00	38.82 -0.91 0.00	38.83 -1.12 0.00	36.70 -0.98 0.00	36.16 -0.97 0.00	39.21 -1.13 0.00	40.01 -0.61 0.00	42.47 -0.39 0.00	43.46 -0.13 0.00	47.29 -0.48 0.00	53.06 -0.48 0.00	62.53 -0.25 0.00	71.36 -0.65 0.00	68.09 0.74 0.00	58.00 0.74 0.00	52.41 0.31 0.00	48.63 0.67 0.00	44.25 0.95 0.00
CARR STREET_E__SYR 24060	44.49 -0.68 0.00	39.18 -0.52 0.00	35.52 -0.54 0.00	33.28 -0.47 0.00	33.39 -0.47 0.00	34.51 -0.49 0.00	37.34 -0.45 0.00	39.18 -0.56 0.00	39.43 -0.52 0.00	37.12 -0.56 0.00	36.53 -0.60 0.00	39.74 -0.60 0.00	40.09 -0.53 0.00	42.43 -0.43 0.00	43.24 -0.35 0.00	47.29 -0.48 0.00	53.01 -0.54 0.00	62.27 -0.50 0.00	71.29 -0.72 0.00	67.01 -0.34 0.00	56.98 -0.28 0.00	51.73 -0.36 0.00	47.58 -0.39 0.00	42.91 -0.39 0.00
CARTHAGE___PAPER 23857	46.71 1.54 0.00	41.04 1.35 0.00	37.07 1.01 0.00	34.56 0.81 0.00	34.84 0.98 0.00	36.16 1.15 0.00	39.26 1.47 0.00	40.92 1.19 0.00	40.82 0.88 0.00	38.10 0.42 0.00	37.43 0.30 0.00	40.70 0.36 0.00	40.70 0.08 0.00	42.90 0.04 0.00	43.46 -0.13 0.00	47.43 -0.33 0.00	53.55 0.00 0.00	63.28 0.50 0.00	73.45 1.44 0.00	69.56 2.22 0.00	59.49 2.23 0.00	54.44 2.35 0.00	50.07 2.11 0.00	45.08 1.78 0.00
CASSADAGA_WT_PWR 323784	44.86 -0.31 0.00	40.05 0.36 0.00	36.20 0.14 0.00	34.05 0.30 0.00	34.16 0.30 0.00	35.39 0.39 0.00	37.83 0.04 0.00	39.18 -0.56 0.00	39.11 -0.84 0.00	37.23 -0.45 0.00	36.83 -0.30 0.00	39.94 -0.40 0.00	41.23 0.61 0.00	43.76 0.90 0.00	44.72 1.13 0.00	48.24 0.48 0.00	54.46 0.91 0.00	63.78 1.00 0.00	72.44 0.43 0.00	69.09 1.75 0.00	58.58 1.32 0.00	52.67 0.57 0.00	48.92 0.96 0.00	44.69 1.39 0.00
CE_DUNWOOD___DRP 24194	48.38 3.21 0.00	42.19 2.50 0.00	38.37 2.31 0.00	35.91 2.16 0.00	35.89 2.03 0.00	37.07 2.07 0.00	40.13 2.34 0.00	42.47 2.74 0.00	42.86 2.92 0.00	40.44 2.75 0.00	43.65 2.93 -3.59	48.62 3.15 -5.13	49.58 3.33 -5.63	51.56 3.51 -5.19	52.77 3.70 -5.48	54.71 4.20 -2.74	57.99 4.44 0.00	67.55 4.77 0.00	76.26 4.25 0.00	71.12 3.77 0.00	60.24 2.98 0.00	54.96 2.87 0.00	50.84 2.88 0.00	45.99 2.68 0.00
CE_MILLWOOD___DRP 24193	48.20 3.03 0.00	42.08 2.38 0.00	38.26 2.20 0.00	35.84 2.09 0.00	35.79 1.93 0.00	37.00 2.00 0.00	40.02 2.23 0.00	42.31 2.58 0.00	42.70 2.76 0.00	40.28 2.60 0.00	43.18 2.78 -3.26	48.12 2.99 -4.79	48.88 3.13 -5.12	50.88 3.30 -4.73	52.06 3.49 -4.99	54.22 3.96 -2.49	57.78 4.23 0.00	67.30 4.52 0.00	76.04 4.03 0.00	70.91 3.57 0.00	60.12 2.86 0.00	54.86 2.76 0.00	50.70 2.73 0.00	45.86 2.55 0.00
CE_NYC2_DRP 24202	48.96 3.79 0.00	42.67 2.98 0.00	38.80 2.74 0.00	36.31 2.56 0.00	36.26 2.40 0.00	37.35 2.35 0.00	40.55 2.76 0.00	42.83 3.10 0.00	43.22 3.28 0.00	40.96 3.28 0.00	44.43 3.38 -3.92	49.33 3.71 -5.28	50.40 3.70 -6.08	52.36 3.90 -5.61	53.47 3.97 -5.91	55.31 4.59 -2.95	58.42 4.87 0.00	67.55 4.77 0.00	76.04 4.03 0.00	70.91 3.57 0.00	60.07 2.81 0.00	54.80 2.71 0.00	50.89 2.93 0.00	46.55 3.25 0.00
CE_NYC_DRP 24195	48.83 3.66 0.00	42.51 2.82 0.00	38.65 2.60 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.31 2.31 0.00	40.47 2.68 0.00	42.91 3.18 0.00	43.34 3.40 0.00	40.93 3.24 0.00	44.48 3.45 -3.90	49.32 3.71 -5.27	50.59 3.90 -6.06	52.52 4.07 -5.59	53.76 4.27 -5.90	58.25 4.82 -5.66	61.61 5.09 -2.98	68.28 5.40 -0.11	76.69 4.68 0.00	71.52 4.18 0.00	60.58 3.32 0.00	55.22 3.13 0.00	51.27 3.31 0.00	46.38 3.07 0.00
CHAFFEE___LFGE 323603	44.22 -0.95 0.00	39.54 -0.16 0.00	35.66 -0.40 0.00	33.55 -0.20 0.00	33.66 -0.20 0.00	34.80 -0.21 0.00	37.03 -0.76 0.00	38.06 -1.67 0.00	38.15 -1.80 0.00	36.40 -1.28 0.00	35.98 -1.15 0.00	38.93 -1.41 0.00	40.09 -0.53 0.00	42.60 -0.26 0.00	43.63 0.04 0.00	47.14 -0.62 0.00	53.12 -0.43 0.00	62.47 -0.31 0.00	70.78 -1.22 0.00	67.55 0.20 0.00	57.32 0.06 0.00	51.52 -0.57 0.00	48.06 0.10 0.00	43.91 0.61 0.00
CHATEAUG_35_KV_LOAD 355732	44.90 -0.27 0.00	39.46 -0.24 0.00	35.88 -0.18 0.00	33.58 -0.17 0.00	33.76 -0.10 0.00	34.79 -0.21 0.00	37.75 -0.04 0.00	39.57 -0.16 0.00	39.67 -0.28 0.00	37.38 -0.30 0.00	36.76 -0.37 0.00	39.86 -0.48 0.00	39.97 -0.65 0.00	42.00 -0.86 0.00	42.45 -1.13 0.00	46.52 -1.24 0.00	52.37 -1.18 0.00	61.71 -1.07 0.00	71.93 -0.07 0.00	67.14 -0.20 0.00	57.15 -0.11 0.00	51.89 -0.21 0.00	47.77 -0.19 0.00	43.17 -0.13 0.00
CHATEAUG_WT_PWR 323614	44.90 -0.27 0.00	39.50 -0.20 0.00	35.88 -0.18 0.00	33.58 -0.17 0.00	33.76 -0.10 0.00	34.80 -0.21 0.00	37.75 -0.04 0.00	39.69 -0.04 0.00	39.79 -0.16 0.00	37.53 -0.15 0.00	36.91 -0.22 0.00	39.98 -0.36 0.00	40.14 -0.49 0.00	42.17 -0.69 0.00	42.63 -0.96 0.00	46.72 -1.05 0.00	52.58 -0.96 0.00	61.90 -0.88 0.00	72.01 0.00 0.00	67.21 -0.13 0.00	57.20 -0.06 0.00	51.99 -0.10 0.00	47.87 -0.10 0.00	43.21 -0.09 0.00
CHAT_HIGH_FALL_HYD 323578	44.90 -0.27 0.00	39.46 -0.24 0.00	35.88 -0.18 0.00	33.58 -0.17 0.00	33.76 -0.10 0.00	34.79 -0.21 0.00	37.75 -0.04 0.00	39.57 -0.16 0.00	39.67 -0.28 0.00	37.38 -0.30 0.00	36.76 -0.37 0.00	39.86 -0.48 0.00	39.97 -0.65 0.00	42.00 -0.86 0.00	42.45 -1.13 0.00	46.52 -1.24 0.00	52.37 -1.18 0.00	61.71 -1.07 0.00	71.93 -0.07 0.00	67.14 -0.20 0.00	57.15 -0.11 0.00	51.89 -0.21 0.00	47.77 -0.19 0.00	43.17 -0.13 0.00
CHAUTAUQUA___LFGE 323629	44.67 -0.50 0.00	39.89 0.20 0.00	35.99 -0.07 0.00	33.88 0.14 0.00	34.00 0.14 0.00	35.18 0.18 0.00	37.53 -0.26 0.00	38.58 -1.15 0.00	38.55 -1.40 0.00	36.74 -0.94 0.00	36.35 -0.78 0.00	39.33 -1.01 0.00	40.58 -0.04 0.00	43.11 0.26 0.00	44.11 0.52 0.00	47.67 -0.10 0.00	53.76 0.22 0.00	63.34 0.56 0.00	71.79 -0.22 0.00	68.49 1.14 0.00	58.12 0.86 0.00	52.25 0.16 0.00	48.63 0.67 0.00	44.42 1.12 0.00
CHERRYST_13_KV_LD 356241	48.96 3.79 0.00	42.67 2.98 0.00	38.76 2.70 0.00	36.28 2.53 0.00	36.23 2.37 0.00	37.45 2.45 0.00	40.62 2.83 0.00	43.07 3.34 0.00	43.54 3.60 0.00	41.11 3.43 0.00	44.67 3.64 -3.90	49.53 3.91 -5.27	50.79 4.10 -6.06	52.73 4.29 -5.59	53.98 4.49 -5.90	55.78 5.06 -2.95	58.96 5.41 0.00	68.49 5.71 0.00	77.05 5.04 0.00	71.79 4.44 0.00	60.81 3.55 0.00	55.43 3.33 0.00	51.42 3.45 0.00	46.55 3.25 0.00

CHESTROR_138KV_BK263 355645	47.52 2.35 0.00	41.56 1.87 0.00	37.83 1.77 0.00	35.40 1.65 0.00	35.38 1.52 0.00	36.58 1.58 0.00	39.49 1.70 0.00	41.72 1.99 0.00	42.02 2.08 0.00	39.57 1.88 0.00	40.77 2.04 -1.60	43.08 2.18 -0.56	45.49 2.36 -2.51	47.62 2.44 -2.32	48.69 2.66 -2.45	52.05 3.06 -1.22	56.81 3.27 0.00	66.29 3.52 0.00	75.10 3.10 0.00	70.24 2.90 0.00	59.55 2.29 0.00	54.28 2.19 0.00	50.12 2.16 0.00	45.29 1.99 0.00
CH_MIDHUDSON___DRP 24192	47.88 2.71 0.00	41.88 2.18 0.00	38.08 2.02 0.00	35.64 1.89 0.00	35.62 1.76 0.00	36.82 1.82 0.00	39.79 2.00 0.00	42.00 2.26 0.00	42.38 2.44 0.00	39.87 2.19 0.00	39.13 2.26 0.26	42.66 2.42 0.10	42.81 2.60 0.41	45.22 2.74 0.38	46.15 2.96 0.40	50.96 3.39 0.20	57.13 3.59 0.00	66.80 4.02 0.00	75.68 3.67 0.00	70.78 3.43 0.00	60.07 2.81 0.00	54.75 2.66 0.00	50.51 2.54 0.00	45.60 2.29 0.00
CH_MISC_IPPS 23765	48.10 2.93 0.00	42.08 2.38 0.00	38.29 2.24 0.00	35.74 1.99 0.00	35.79 1.93 0.00	37.00 1.99 0.00	39.98 2.19 0.00	42.24 2.50 0.00	42.58 2.64 0.00	39.98 2.30 0.00	39.37 2.34 0.10	42.76 2.50 0.08	43.19 2.72 0.16	45.62 2.92 0.15	46.57 3.14 0.15	51.27 3.58 0.08	57.35 3.80 0.00	67.17 4.39 0.00	76.11 4.10 0.00	71.32 3.97 0.00	60.35 3.09 0.00	55.06 2.97 0.00	50.74 2.78 0.00	45.86 2.55 0.00
CH_RES_BVR_FALLS 23983	44.81 -0.36 0.00	39.34 -0.36 0.00	35.73 -0.33 0.00	33.44 -0.30 0.00	33.59 -0.27 0.00	34.69 -0.32 0.00	37.53 -0.26 0.00	39.46 -0.28 0.00	39.63 -0.32 0.00	37.38 -0.30 0.00	36.83 -0.30 0.00	40.02 -0.32 0.00	40.22 -0.41 0.00	42.38 -0.47 0.00	43.02 -0.57 0.00	47.14 -0.62 0.00	52.91 -0.64 0.00	62.09 -0.69 0.00	71.58 -0.43 0.00	66.88 -0.47 0.00	56.86 -0.40 0.00	51.73 -0.36 0.00	47.68 -0.29 0.00	43.04 -0.26 0.00
CH_RES_NIAGARA 23895	42.55 -2.62 0.00	38.38 -1.31 0.00	34.54 -1.51 0.00	32.09 -1.65 0.00	33.22 -0.64 0.00	34.30 -0.70 0.00	35.75 -2.04 0.00	36.59 -3.14 0.00	36.91 -3.04 0.00	35.27 -2.41 0.00	34.49 -2.64 0.00	37.15 -3.19 0.00	38.63 -1.99 0.00	41.18 -1.67 0.00	42.15 -1.44 0.00	45.19 -2.58 0.00	50.98 -2.57 0.00	60.08 -2.70 0.00	67.97 -4.03 0.00	64.79 -2.56 0.00	55.08 -2.18 0.00	49.54 -2.55 0.00	46.28 -1.68 0.00	42.48 -0.82 0.00
CH_RES_SYRACUSE 23985	44.99 -0.18 0.00	39.61 -0.08 0.00	35.91 -0.14 0.00	33.61 -0.13 0.00	33.72 -0.13 0.00	34.90 -0.10 0.00	37.75 -0.04 0.00	39.61 -0.12 0.00	39.87 -0.08 0.00	37.50 -0.19 0.00	36.91 -0.22 0.00	40.14 -0.20 0.00	40.50 -0.12 0.00	42.86 0.00 0.00	43.63 0.04 0.00	47.77 0.00 0.00	53.55 0.00 0.00	62.90 0.13 0.00	72.08 0.07 0.00	67.75 0.41 0.00	57.66 0.40 0.00	52.31 0.21 0.00	48.11 0.14 0.00	43.39 0.09 0.00
CLINTON_WT_PWR 323605	44.90 -0.27 0.00	39.50 -0.20 0.00	35.88 -0.18 0.00	33.58 -0.17 0.00	33.76 -0.10 0.00	34.80 -0.21 0.00	37.75 -0.04 0.00	39.69 -0.04 0.00	39.79 -0.16 0.00	37.53 -0.15 0.00	36.91 -0.22 0.00	39.98 -0.36 0.00	40.14 -0.49 0.00	42.17 -0.69 0.00	42.63 -0.96 0.00	46.72 -1.05 0.00	52.58 -0.96 0.00	61.90 -0.88 0.00	72.01 0.00 0.00	67.21 -0.13 0.00	57.20 -0.06 0.00	51.99 -0.10 0.00	47.87 -0.10 0.00	43.21 -0.09 0.00
CLINTON___LFGE 323618	45.53 0.36 0.00	40.05 0.36 0.00	36.38 0.32 0.00	34.02 0.27 0.00	34.23 0.37 0.00	35.25 0.25 0.00	38.32 0.53 0.00	40.61 0.87 0.00	40.70 0.76 0.00	38.32 0.64 0.00	37.65 0.52 0.00	40.79 0.44 0.00	40.95 0.32 0.00	42.98 0.13 0.00	43.46 -0.13 0.00	47.62 -0.14 0.00	53.71 0.16 0.00	63.41 0.63 0.00	73.95 1.94 0.00	69.09 1.75 0.00	58.81 1.55 0.00	53.34 1.25 0.00	49.02 1.05 0.00	44.21 0.91 0.00
COBBLENY_34_KV_TB1 80064	43.95 -1.22 0.00	39.53 -0.16 0.00	35.66 -0.40 0.00	33.11 -0.64 0.00	33.59 -0.27 0.00	34.72 -0.28 0.00	37.03 -0.76 0.00	37.90 -1.83 0.00	38.11 -1.84 0.00	36.33 -1.36 0.00	35.61 -1.52 0.00	38.41 -1.94 0.00	40.01 -0.61 0.00	42.60 -0.26 0.00	43.63 0.04 0.00	46.86 -0.91 0.00	52.96 -0.59 0.00	62.46 -0.31 0.00	70.78 -1.22 0.00	67.55 0.20 0.00	57.26 0.00 0.00	51.47 -0.63 0.00	47.92 -0.05 0.00	43.91 0.61 0.00
COFFEEN___115KV_TB3 355620	47.25 2.08 0.00	41.56 1.87 0.00	37.61 1.55 0.00	35.00 1.25 0.00	35.32 1.46 0.00	36.75 1.75 0.00	39.83 2.04 0.00	41.52 1.79 0.00	41.34 1.40 0.00	38.51 0.83 0.00	37.80 0.67 0.00	41.07 0.73 0.00	41.07 0.45 0.00	43.33 0.47 0.00	43.89 0.31 0.00	47.91 0.14 0.00	54.14 0.59 0.00	64.03 1.26 0.00	74.38 2.38 0.00	70.78 3.43 0.00	60.52 3.26 0.00	55.38 3.28 0.00	50.75 2.78 0.00	45.68 2.38 0.00
COLDSPRG_115KV_BK1 355956	44.63 -0.54 0.00	40.05 0.36 0.00	36.17 0.11 0.00	33.61 -0.13 0.00	34.10 0.24 0.00	35.35 0.35 0.00	37.90 0.11 0.00	39.18 -0.56 0.00	39.11 -0.84 0.00	37.19 -0.49 0.00	36.54 -0.59 0.00	39.41 -0.93 0.00	41.27 0.65 0.00	43.84 0.99 0.00	44.85 1.26 0.00	48.20 0.43 0.00	54.62 1.07 0.00	63.91 1.13 0.00	72.37 0.36 0.00	69.10 1.75 0.00	58.52 1.26 0.00	52.62 0.52 0.00	48.73 0.77 0.00	44.64 1.34 0.00
COLONIE_LFGE___ 323577	47.16 1.99 0.00	41.44 1.74 0.00	37.68 1.62 0.00	35.20 1.45 0.00	35.28 1.42 0.00	36.47 1.47 0.00	39.22 1.44 0.00	41.36 1.63 0.00	41.50 1.56 0.00	38.97 1.28 0.00	38.15 1.22 0.20	41.56 1.29 0.07	41.64 1.34 0.32	43.93 1.37 0.29	44.80 1.52 0.31	49.43 1.81 0.16	55.47 1.92 0.00	65.10 2.32 0.00	74.24 2.23 0.00	69.70 2.36 0.00	59.38 2.12 0.00	54.13 2.03 0.00	49.69 1.72 0.00	44.73 1.43 0.00
COOPERNY_115KV_TB1 80082	46.89 1.72 0.00	41.04 1.35 0.00	37.36 1.30 0.00	34.96 1.21 0.00	34.98 1.12 0.00	36.16 1.16 0.00	39.04 1.25 0.00	41.16 1.43 0.00	41.46 1.52 0.00	39.08 1.39 0.00	39.37 1.52 -0.72	42.21 1.61 -0.25	43.49 1.75 -1.12	45.73 1.84 -1.04	46.64 1.96 -1.09	50.56 2.25 -0.55	55.96 2.41 0.00	65.35 2.57 0.00	74.24 2.23 0.00	69.43 2.09 0.00	58.98 1.72 0.00	53.76 1.67 0.00	49.55 1.58 0.00	44.77 1.47 0.00
COPENHAGEN_WT_PWR 323753	46.75 1.58 0.00	41.12 1.43 0.00	37.21 1.15 0.00	34.69 0.94 0.00	34.94 1.08 0.00	36.30 1.30 0.00	39.34 1.55 0.00	41.04 1.31 0.00	40.95 1.00 0.00	38.21 0.53 0.00	37.58 0.45 0.00	40.83 0.49 0.00	40.87 0.25 0.00	43.11 0.26 0.00	43.72 0.13 0.00	47.72 -0.05 0.00	53.87 0.32 0.00	63.59 0.81 0.00	73.73 1.73 0.00	69.97 2.62 0.00	59.78 2.52 0.00	54.65 2.55 0.00	50.17 2.21 0.00	45.16 1.86 0.00
CORNELL_____ 23752	45.94 0.77 0.00	40.49 0.79 0.00	36.71 0.65 0.00	34.25 0.51 0.00	34.50 0.64 0.00	35.70 0.70 0.00	38.66 0.87 0.00	40.41 0.68 0.00	40.51 0.56 0.00	37.99 0.30 0.00	37.32 0.19 0.00	40.50 0.16 0.00	41.03 0.41 0.00	43.46 0.60 0.00	44.28 0.70 0.00	48.44 0.67 0.00	54.40 0.86 0.00	64.16 1.38 0.00	73.59 1.58 0.00	69.50 2.16 0.00	59.15 1.89 0.00	53.61 1.51 0.00	49.31 1.34 0.00	44.51 1.21 0.00

CORONA__69_KV_TB1 355595	49.60 4.43 0.00	43.31 3.61 0.00	39.34 3.28 0.00	36.82 3.07 0.00	36.64 2.78 0.00	37.87 2.87 0.00	41.04 3.25 0.00	43.47 3.73 0.00	43.94 3.99 0.00	41.49 3.81 0.00	46.20 3.82 -5.24	49.74 4.11 -5.28	51.05 4.31 -6.12	53.04 4.54 -5.64	54.29 4.75 -5.95	56.09 5.35 -2.97	59.33 5.78 0.00	68.81 6.03 0.00	77.48 5.47 0.00	71.92 4.58 0.00	60.87 3.61 0.00	56.06 3.96 0.00	52.14 4.17 0.00	47.20 3.90 0.00
CORTLAND__115KV_TB3 80093	45.58 0.41 0.00	40.17 0.48 0.00	36.42 0.36 0.00	34.02 0.27 0.00	34.20 0.34 0.00	35.39 0.39 0.00	38.28 0.49 0.00	40.09 0.36 0.00	40.15 0.20 0.00	37.72 0.04 0.00	37.09 -0.04 0.00	40.30 -0.04 0.00	40.79 0.16 0.00	43.20 0.34 0.00	44.02 0.44 0.00	48.15 0.38 0.00	54.03 0.48 0.00	63.59 0.82 0.00	72.73 0.72 0.00	68.56 1.21 0.00	58.29 1.03 0.00	52.88 0.78 0.00	48.68 0.72 0.00	43.95 0.65 0.00
COXSACKIE__GT 23611	47.93 2.76 0.00	42.16 2.46 0.00	38.33 2.27 0.00	35.71 1.96 0.00	35.79 1.93 0.00	37.07 2.06 0.00	39.90 2.11 0.00	41.68 1.95 0.00	41.62 1.68 0.00	38.66 0.98 0.00	37.84 0.85 0.14	41.14 0.85 0.05	41.34 0.94 0.22	43.59 0.94 0.21	44.59 1.22 0.22	49.23 1.57 0.11	55.37 1.82 0.00	65.61 2.83 0.00	75.17 3.16 0.00	71.38 4.04 0.00	60.64 3.38 0.00	55.17 3.07 0.00	50.55 2.59 0.00	45.42 2.12 0.00
CPV_VALLEY__CC1 323721	47.11 1.94 0.00	41.24 1.55 0.00	37.54 1.48 0.00	35.06 1.31 0.00	35.15 1.29 0.00	36.30 1.30 0.00	39.26 1.47 0.00	41.44 1.71 0.00	41.75 1.80 0.00	39.38 1.70 0.00	39.88 1.75 -1.01	42.56 1.86 -0.36	44.24 2.03 -1.58	46.46 2.14 -1.46	47.44 2.31 -1.54	51.16 2.63 -0.77	56.33 2.78 0.00	65.79 3.01 0.00	74.53 2.52 0.00	69.64 2.29 0.00	59.04 1.78 0.00	53.87 1.77 0.00	49.69 1.72 0.00	44.95 1.65 0.00
CPV_VALLEY__CC2 323722	47.11 1.94 0.00	41.24 1.55 0.00	37.54 1.48 0.00	35.06 1.31 0.00	35.15 1.29 0.00	36.30 1.30 0.00	39.26 1.47 0.00	41.44 1.71 0.00	41.75 1.80 0.00	39.38 1.70 0.00	39.88 1.75 -1.01	42.56 1.86 -0.36	44.24 2.03 -1.58	46.46 2.14 -1.46	47.44 2.31 -1.54	51.16 2.63 -0.77	56.33 2.78 0.00	65.79 3.01 0.00	74.53 2.52 0.00	69.64 2.29 0.00	59.04 1.78 0.00	53.87 1.77 0.00	49.69 1.72 0.00	44.95 1.65 0.00
CRESCENT__HYD 24018	47.16 1.99 0.00	41.44 1.74 0.00	37.68 1.62 0.00	35.20 1.45 0.00	35.28 1.42 0.00	36.47 1.47 0.00	39.22 1.44 0.00	41.36 1.63 0.00	41.50 1.56 0.00	38.97 1.28 0.00	38.15 1.22 0.20	41.56 1.29 0.07	41.64 1.34 0.32	43.93 1.37 0.29	44.80 1.52 0.31	49.43 1.81 0.16	55.47 1.92 0.00	65.10 2.32 0.00	74.24 2.23 0.00	69.70 2.36 0.00	59.38 2.12 0.00	54.13 2.03 0.00	49.69 1.72 0.00	44.73 1.43 0.00
CRICKET__VALLEY_CC1 323756	47.34 2.17 0.00	41.48 1.79 0.00	37.72 1.66 0.00	35.27 1.52 0.00	35.35 1.49 0.00	36.47 1.47 0.00	39.34 1.55 0.00	41.64 1.91 0.00	41.94 2.00 0.00	39.49 1.81 0.00	38.45 1.82 0.50	42.11 1.94 0.17	41.92 2.07 0.78	44.32 2.18 0.72	45.18 2.35 0.76	50.11 2.72 0.38	56.33 2.78 0.00	65.85 3.08 0.00	74.60 2.59 0.00	69.70 2.36 0.00	59.15 1.89 0.00	54.02 1.93 0.00	49.79 1.82 0.00	44.95 1.65 0.00
CRICKET__VALLEY_CC2 323757	47.34 2.17 0.00	41.48 1.79 0.00	37.72 1.66 0.00	35.27 1.52 0.00	35.35 1.49 0.00	36.47 1.47 0.00	39.34 1.55 0.00	41.64 1.91 0.00	41.94 2.00 0.00	39.49 1.81 0.00	38.45 1.82 0.50	42.11 1.94 0.17	41.92 2.07 0.78	44.32 2.18 0.72	45.18 2.35 0.76	50.11 2.72 0.38	56.33 2.78 0.00	65.85 3.08 0.00	74.60 2.59 0.00	69.70 2.36 0.00	59.15 1.89 0.00	54.02 1.93 0.00	49.79 1.82 0.00	44.95 1.65 0.00
CRICKET__VALLEY_CC3 323758	47.34 2.17 0.00	41.48 1.79 0.00	37.72 1.66 0.00	35.27 1.52 0.00	35.35 1.49 0.00	36.47 1.47 0.00	39.34 1.55 0.00	41.64 1.91 0.00	41.94 2.00 0.00	39.49 1.81 0.00	38.45 1.82 0.50	42.11 1.94 0.17	41.92 2.07 0.78	44.32 2.18 0.72	45.18 2.35 0.76	50.11 2.72 0.38	56.33 2.78 0.00	65.85 3.08 0.00	74.60 2.59 0.00	69.70 2.36 0.00	59.15 1.89 0.00	54.02 1.93 0.00	49.79 1.82 0.00	44.95 1.65 0.00
CRUCIBLE_METL_DRP 24180	44.94 -0.23 0.00	39.61 -0.08 0.00	35.91 -0.14 0.00	33.55 -0.20 0.00	33.72 -0.14 0.00	34.90 -0.11 0.00	37.71 -0.08 0.00	39.61 -0.12 0.00	39.87 -0.08 0.00	37.50 -0.19 0.00	36.87 -0.26 0.00	40.06 -0.28 0.00	40.50 -0.12 0.00	42.86 0.00 0.00	43.63 0.04 0.00	47.72 -0.05 0.00	53.55 0.00 0.00	62.90 0.13 0.00	72.08 0.07 0.00	67.75 0.40 0.00	57.66 0.40 0.00	52.30 0.21 0.00	48.11 0.14 0.00	43.39 0.09 0.00
DAHOWA__HYDRO 323763	47.61 2.44 0.00	41.84 2.14 0.00	38.00 1.95 0.00	35.44 1.69 0.00	35.59 1.73 0.00	36.79 1.78 0.00	39.60 1.81 0.00	41.64 1.91 0.00	41.62 1.68 0.00	38.93 1.24 0.00	37.94 1.00 0.19	41.36 1.09 0.07	41.34 1.02 0.30	43.65 1.07 0.27	44.52 1.22 0.29	49.10 1.48 0.14	55.15 1.60 0.00	65.04 2.26 0.00	74.60 2.59 0.00	70.44 3.10 0.00	60.18 2.92 0.00	54.80 2.71 0.00	50.22 2.25 0.00	45.16 1.86 0.00
DANC__LFGE 323619	45.89 0.72 0.00	40.37 0.67 0.00	36.53 0.47 0.00	34.12 0.37 0.00	34.33 0.47 0.00	35.56 0.56 0.00	38.50 0.72 0.00	40.25 0.52 0.00	40.26 0.32 0.00	37.72 0.04 0.00	37.13 0.00 0.00	40.38 0.04 0.00	40.50 -0.12 0.00	42.77 -0.09 0.00	43.46 -0.13 0.00	47.48 -0.28 0.00	53.49 -0.05 0.00	62.97 0.19 0.00	72.65 0.65 0.00	68.69 1.35 0.00	58.58 1.32 0.00	53.45 1.35 0.00	49.16 1.20 0.00	44.25 0.95 0.00
DANSKAMMER__1 23586	48.10 2.93 0.00	42.08 2.38 0.00	38.29 2.24 0.00	35.74 1.99 0.00	35.79 1.93 0.00	37.00 1.99 0.00	39.98 2.19 0.00	42.24 2.50 0.00	42.58 2.64 0.00	39.98 2.30 0.00	39.37 2.34 0.10	42.76 2.50 0.08	43.19 2.72 0.16	45.62 2.92 0.15	46.57 3.14 0.15	51.27 3.58 0.08	57.35 3.80 0.00	67.17 4.39 0.00	76.11 4.10 0.00	71.32 3.97 0.00	60.35 3.09 0.00	55.06 2.97 0.00	50.74 2.78 0.00	45.86 2.55 0.00
DANSKAMMER__2 23589	48.10 2.93 0.00	42.08 2.38 0.00	38.29 2.24 0.00	35.74 1.99 0.00	35.79 1.93 0.00	37.00 1.99 0.00	39.98 2.19 0.00	42.24 2.50 0.00	42.58 2.64 0.00	39.98 2.30 0.00	39.37 2.34 0.10	42.76 2.50 0.08	43.19 2.72 0.16	45.62 2.92 0.15	46.57 3.14 0.15	51.27 3.58 0.08	57.35 3.80 0.00	67.17 4.39 0.00	76.11 4.10 0.00	71.32 3.97 0.00	60.35 3.09 0.00	55.06 2.97 0.00	50.74 2.78 0.00	45.86 2.55 0.00
DANSKAMMER__3 23590	48.10 2.93 0.00	42.08 2.38 0.00	38.29 2.24 0.00	35.74 1.99 0.00	35.79 1.93 0.00	37.00 1.99 0.00	39.98 2.19 0.00	42.24 2.50 0.00	42.58 2.64 0.00	39.98 2.30 0.00	39.37 2.34 0.10	42.76 2.50 0.08	43.19 2.72 0.16	45.62 2.92 0.15	46.57 3.14 0.15	51.27 3.58 0.08	57.35 3.80 0.00	67.17 4.39 0.00	76.11 4.10 0.00	71.32 3.97 0.00	60.35 3.09 0.00	55.06 2.97 0.00	50.74 2.78 0.00	45.86 2.55 0.00

DANSKAMMER___4 23591	48.10 2.93 0.00	42.08 2.38 0.00	38.29 2.24 0.00	35.74 1.99 0.00	35.79 1.93 0.00	37.00 1.99 0.00	39.98 2.19 0.00	42.24 2.50 0.00	42.58 2.64 0.00	39.98 2.30 0.00	39.37 2.34 0.10	42.76 2.50 0.08	43.19 2.72 0.16	45.62 2.92 0.15	46.57 3.14 0.15	51.27 3.58 0.08	57.35 3.80 0.00	67.17 4.39 0.00	76.11 4.10 0.00	71.32 3.97 0.00	60.35 3.09 0.00	55.06 2.97 0.00	50.74 2.78 0.00	45.86 2.55 0.00
DANSKAMMER___DIESEL 23592	48.15 2.98 0.00	42.08 2.38 0.00	38.29 2.24 0.00	35.81 2.06 0.00	35.76 1.90 0.00	37.00 2.00 0.00	39.98 2.19 0.00	42.20 2.46 0.00	42.54 2.60 0.00	39.95 2.26 0.00	39.41 2.38 0.10	42.80 2.54 0.08	43.19 2.72 0.16	45.62 2.91 0.15	46.57 3.14 0.15	51.27 3.58 0.08	57.40 3.86 0.00	67.17 4.39 0.00	76.11 4.10 0.00	71.32 3.97 0.00	60.41 3.15 0.00	55.07 2.97 0.00	50.79 2.83 0.00	45.86 2.55 0.00
DARBY___SOLAR 323810	47.47 2.30 0.00	41.76 2.06 0.00	37.90 1.84 0.00	35.37 1.62 0.00	35.52 1.66 0.00	36.72 1.71 0.00	39.49 1.70 0.00	41.52 1.79 0.00	41.55 1.60 0.00	38.89 1.21 0.00	37.90 0.96 0.19	41.32 1.05 0.07	41.34 1.02 0.30	43.60 1.03 0.28	44.51 1.22 0.29	49.10 1.48 0.15	55.15 1.60 0.00	65.04 2.26 0.00	74.53 2.52 0.00	70.30 2.96 0.00	60.01 2.75 0.00	54.60 2.50 0.00	50.07 2.11 0.00	45.08 1.78 0.00
DASHVILLE___HYD 23610	47.65 2.48 0.00	41.64 1.94 0.00	37.86 1.80 0.00	35.44 1.69 0.00	35.42 1.56 0.00	36.58 1.58 0.00	39.49 1.70 0.00	41.68 1.95 0.00	41.90 1.96 0.00	39.38 1.70 0.00	38.95 1.82 0.00	42.28 1.94 0.00	42.74 2.11 0.00	45.04 2.19 0.00	45.98 2.40 0.00	50.58 2.82 0.00	56.49 2.95 0.00	66.11 3.33 0.00	74.89 2.88 0.00	70.17 2.83 0.00	59.49 2.23 0.00	54.28 2.19 0.00	50.12 2.16 0.00	45.25 1.95 0.00
DELAWARE___LFGE 323621	46.66 1.49 0.00	40.96 1.27 0.00	37.21 1.15 0.00	34.86 1.11 0.00	34.98 1.12 0.00	36.19 1.19 0.00	39.04 1.25 0.00	41.00 1.27 0.00	41.19 1.24 0.00	38.74 1.06 0.00	38.32 1.08 -0.11	41.56 1.13 -0.09	42.02 1.22 -0.17	44.34 1.33 -0.16	45.24 1.48 -0.17	49.43 1.58 -0.08	55.37 1.82 0.00	64.79 2.01 0.00	73.88 1.87 0.00	69.43 2.09 0.00	59.09 1.83 0.00	53.82 1.72 0.00	49.55 1.58 0.00	44.73 1.43 0.00
DERFIELD_115KV_TB7 355931	45.44 0.27 0.00	39.89 0.20 0.00	36.27 0.22 0.00	33.95 0.20 0.00	34.06 0.20 0.00	35.21 0.21 0.00	38.02 0.23 0.00	39.97 0.24 0.00	40.19 0.24 0.00	37.87 0.19 0.00	37.32 0.19 0.00	40.54 0.20 0.00	40.83 0.20 0.00	43.07 0.21 0.00	43.85 0.26 0.00	48.05 0.29 0.00	53.81 0.27 0.00	63.09 0.31 0.00	72.22 0.22 0.00	67.61 0.27 0.00	57.55 0.29 0.00	52.41 0.31 0.00	48.25 0.29 0.00	43.56 0.26 0.00
DOGLEVILLE___HYD 23807	45.17 0.00 0.00	39.69 0.00 0.00	36.06 0.00 0.00	33.71 -0.03 0.00	33.83 -0.03 0.00	35.04 0.04 0.00	37.86 0.08 0.00	39.81 0.08 0.00	39.95 0.00 0.00	37.57 -0.11 0.00	36.98 -0.15 0.00	40.14 -0.20 0.00	40.38 -0.24 0.00	42.56 -0.30 0.00	43.33 -0.26 0.00	47.48 -0.29 0.00	53.23 -0.32 0.00	62.46 -0.31 0.00	71.65 -0.36 0.00	67.14 -0.20 0.00	57.15 -0.11 0.00	52.15 0.05 0.00	48.01 0.05 0.00	43.34 0.04 0.00
DUNKIRK___115KV_TB_200 55889	44.36 -0.81 0.00	39.85 0.16 0.00	35.95 -0.11 0.00	33.41 -0.34 0.00	33.89 0.03 0.00	35.07 0.07 0.00	37.45 -0.34 0.00	38.34 -1.39 0.00	38.43 -1.52 0.00	36.63 -1.06 0.00	35.94 -1.19 0.00	38.73 -1.61 0.00	40.42 -0.20 0.00	42.98 0.13 0.00	44.02 0.44 0.00	47.34 -0.43 0.00	53.55 0.00 0.00	63.22 0.44 0.00	71.65 -0.36 0.00	68.35 1.01 0.00	58.00 0.74 0.00	52.15 0.05 0.00	48.39 0.43 0.00	44.34 1.04 0.00
DUNKIRK___1 23563	44.36 -0.81 0.00	39.85 0.16 0.00	35.95 -0.11 0.00	33.41 -0.34 0.00	33.89 0.03 0.00	35.07 0.07 0.00	37.45 -0.34 0.00	38.34 -1.39 0.00	38.43 -1.52 0.00	36.63 -1.06 0.00	35.94 -1.19 0.00	38.73 -1.61 0.00	40.42 -0.20 0.00	42.98 0.13 0.00	44.02 0.44 0.00	47.34 -0.43 0.00	53.55 0.00 0.00	63.22 0.44 0.00	71.65 -0.36 0.00	68.35 1.01 0.00	58.00 0.74 0.00	52.15 0.05 0.00	48.39 0.43 0.00	44.34 1.04 0.00
DUNKIRK___2 23564	44.36 -0.81 0.00	39.85 0.16 0.00	35.95 -0.11 0.00	33.41 -0.34 0.00	33.89 0.03 0.00	35.07 0.07 0.00	37.45 -0.34 0.00	38.34 -1.39 0.00	38.43 -1.52 0.00	36.63 -1.06 0.00	35.94 -1.19 0.00	38.73 -1.61 0.00	40.42 -0.20 0.00	42.98 0.13 0.00	44.02 0.44 0.00	47.34 -0.43 0.00	53.55 0.00 0.00	63.22 0.44 0.00	71.65 -0.36 0.00	68.35 1.01 0.00	58.00 0.74 0.00	52.15 0.05 0.00	48.39 0.43 0.00	44.34 1.04 0.00
DUNKIRK___3 23565	44.13 -1.04 0.00	39.65 -0.04 0.00	35.77 -0.29 0.00	33.24 -0.51 0.00	33.72 -0.14 0.00	34.86 -0.14 0.00	37.22 -0.57 0.00	38.10 -1.63 0.00	38.23 -1.72 0.00	36.40 -1.28 0.00	35.72 -1.41 0.00	38.53 -1.82 0.00	40.18 -0.45 0.00	42.73 -0.13 0.00	43.76 0.17 0.00	47.10 -0.67 0.00	53.23 -0.32 0.00	62.78 0.00 0.00	71.14 -0.86 0.00	67.88 0.54 0.00	57.55 0.29 0.00	51.78 -0.31 0.00	48.11 0.14 0.00	44.08 0.78 0.00
DUNKIRK___4 23566	44.13 -1.04 0.00	39.65 -0.04 0.00	35.77 -0.29 0.00	33.24 -0.51 0.00	33.72 -0.14 0.00	34.86 -0.14 0.00	37.22 -0.57 0.00	38.10 -1.63 0.00	38.23 -1.72 0.00	36.40 -1.28 0.00	35.72 -1.41 0.00	38.53 -1.82 0.00	40.18 -0.45 0.00	42.73 -0.13 0.00	43.76 0.17 0.00	47.10 -0.67 0.00	53.23 -0.32 0.00	62.78 0.00 0.00	71.14 -0.86 0.00	67.88 0.54 0.00	57.55 0.29 0.00	51.78 -0.31 0.00	48.11 0.14 0.00	44.08 0.78 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.56 3.39 0.00	42.35 2.66 0.00	38.51 2.45 0.00	36.04 2.29 0.00	35.99 2.13 0.00	37.21 2.21 0.00	40.28 2.49 0.00	42.67 2.94 0.00	43.06 3.12 0.00	40.66 2.98 0.00	44.15 3.16 -3.86	48.99 3.39 -5.26	50.26 3.57 -6.06	52.17 3.73 -5.59	53.45 3.97 -5.90	55.16 4.44 -2.95	58.31 4.77 0.00	67.80 5.02 0.00	76.54 4.54 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.17 3.07 0.00	51.03 3.07 0.00	46.16 2.86 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.84 2.67 0.00	41.80 2.10 0.00	38.04 1.98 0.00	35.57 1.82 0.00	35.55 1.69 0.00	36.75 1.75 0.00	39.72 1.93 0.00	42.00 2.26 0.00	42.34 2.40 0.00	39.79 2.11 0.00	39.73 2.23 -0.37	42.84 2.38 -0.12	43.76 2.56 -0.58	46.09 2.70 -0.53	47.07 2.92 -0.56	51.44 3.39 -0.28	57.13 3.59 0.00	66.80 4.02 0.00	75.68 3.67 0.00	70.85 3.50 0.00	60.07 2.81 0.00	54.75 2.66 0.00	50.51 2.54 0.00	45.60 2.29 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	49.06 3.88 0.00	42.75 3.06 0.00	38.91 2.85 0.00	36.38 2.63 0.00	36.36 2.51 0.00	37.38 2.38 0.00	40.55 2.76 0.00	42.75 3.02 0.00	43.06 3.12 0.00	40.81 3.13 0.00	44.31 3.27 -3.92	49.13 3.51 -5.28	50.24 3.53 -6.08	52.19 3.73 -5.61	53.29 3.79 -5.91	55.21 4.49 -2.95	58.42 4.87 0.00	67.61 4.83 0.00	76.18 4.18 0.00	71.05 3.70 0.00	60.24 2.98 0.00	54.80 2.71 0.00	50.89 2.93 0.00	46.64 3.33 0.00

E179THST_13_KV_LOAD 356214	49.33 4.16 0.00	42.99 3.29 0.00	39.12 3.06 0.00	36.58 2.83 0.00	36.53 2.67 0.00	37.56 2.56 0.00	40.77 2.99 0.00	42.99 3.26 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.41 3.79 -5.28	50.52 3.82 -6.08	52.49 4.03 -5.61	53.60 4.10 -5.91	55.55 4.82 -2.95	58.79 5.25 0.00	68.11 5.34 0.00	76.69 4.68 0.00	71.52 4.18 0.00	60.64 3.38 0.00	55.12 3.02 0.00	51.22 3.26 0.00	46.94 3.64 0.00
EAST HAMPTON___GT 23717	50.60 5.42 -0.01	43.95 4.25 -0.01	40.00 3.93 -0.01	37.43 3.68 0.00	37.28 3.42 0.00	38.37 3.36 0.00	41.64 3.86 0.00	44.02 4.29 0.00	45.03 5.07 -0.01	42.59 4.90 -0.01	47.53 5.16 -5.24	51.32 5.69 -5.28	52.97 6.22 -6.13	55.28 6.77 -5.65	56.74 7.19 -5.96	58.75 7.88 -3.11	65.42 8.57 -3.31	77.20 9.10 -5.32	81.12 8.71 -0.40	74.29 6.94 -0.01	62.25 4.98 -0.01	56.84 4.74 0.00	53.14 5.18 0.00	48.36 5.06 0.00
EAST RIVER___6 23660	48.70 3.53 0.00	42.47 2.78 0.00	38.58 2.52 0.00	36.01 2.26 0.00	36.06 2.20 0.00	37.28 2.27 0.00	40.47 2.68 0.00	42.91 3.18 0.00	43.34 3.39 0.00	40.96 3.28 0.00	44.44 3.41 -3.90	49.28 3.67 -5.27	50.55 3.86 -6.06	52.48 4.03 -5.59	53.71 4.23 -5.90	55.49 4.78 -2.95	58.58 5.03 0.00	68.11 5.33 0.00	76.62 4.61 0.00	71.45 4.11 0.00	60.41 3.15 0.00	55.22 3.13 0.00	51.18 3.21 0.00	46.38 3.07 0.00
EAST RIVER___7 23524	48.70 3.53 0.00	42.47 2.78 0.00	38.58 2.52 0.00	36.01 2.26 0.00	36.06 2.20 0.00	37.28 2.27 0.00	40.47 2.68 0.00	42.91 3.18 0.00	43.34 3.39 0.00	40.96 3.28 0.00	44.44 3.41 -3.90	49.28 3.67 -5.27	50.55 3.86 -6.06	52.48 4.03 -5.59	53.71 4.23 -5.90	55.49 4.78 -2.95	58.58 5.03 0.00	68.11 5.33 0.00	76.62 4.61 0.00	71.45 4.11 0.00	60.41 3.15 0.00	55.22 3.13 0.00	51.18 3.21 0.00	46.38 3.07 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	48.38 3.21 0.00	42.19 2.50 0.00	38.37 2.31 0.00	35.91 2.16 0.00	35.89 2.03 0.00	37.07 2.07 0.00	40.13 2.34 0.00	42.47 2.74 0.00	42.86 2.92 0.00	40.44 2.75 0.00	43.65 2.93 -3.59	48.62 3.15 -5.13	49.58 3.33 -5.63	51.56 3.51 -5.19	52.77 3.70 -5.48	54.71 4.20 -2.74	57.99 4.44 0.00	67.55 4.77 0.00	76.26 4.25 0.00	71.12 3.77 0.00	60.24 2.98 0.00	54.96 2.87 0.00	50.84 2.88 0.00	45.99 2.68 0.00
EAST_HAMPTON___DIESEL 23722	50.51 5.33 -0.01	43.87 4.17 -0.01	39.96 3.90 -0.01	37.39 3.65 0.00	37.24 3.39 0.00	38.33 3.33 0.00	41.57 3.78 0.00	43.94 4.21 0.00	44.99 5.03 -0.01	42.56 4.86 -0.01	47.53 5.16 -5.24	51.27 5.65 -5.28	52.97 6.22 -6.13	55.24 6.73 -5.65	56.74 7.19 -5.96	58.75 7.88 -3.11	65.42 8.57 -3.31	77.14 9.04 -5.32	81.05 8.64 -0.40	74.29 6.94 -0.01	62.25 4.98 -0.01	56.79 4.69 0.00	53.10 5.13 0.00	48.36 5.06 0.00
EAST_POINT___SOLAR 323840	49.15 3.98 0.00	43.15 3.45 0.00	39.16 3.10 0.00	36.52 2.77 0.00	36.74 2.88 0.00	38.09 3.08 0.00	40.43 2.64 0.00	41.20 1.47 0.00	40.75 0.80 0.00	37.91 0.23 0.00	37.14 0.15 0.14	40.29 0.00 0.05	40.37 -0.04 0.21	42.66 0.00 0.20	43.60 0.22 0.21	48.00 0.34 0.10	53.97 0.43 0.00	64.47 1.70 0.00	74.74 2.74 0.00	72.66 5.32 0.00	62.70 5.44 0.00	56.99 4.90 0.00	52.18 4.22 0.00	46.94 3.64 0.00
EAST_PULASKI___ESR 323781	45.04 -0.14 0.00	39.65 -0.04 0.00	35.91 -0.14 0.00	33.61 -0.13 0.00	33.72 -0.13 0.00	34.93 -0.07 0.00	37.75 -0.04 0.00	39.53 -0.20 0.00	39.71 -0.24 0.00	37.31 -0.38 0.00	36.76 -0.37 0.00	39.94 -0.40 0.00	40.22 -0.41 0.00	42.51 -0.34 0.00	43.24 -0.35 0.00	47.29 -0.48 0.00	53.12 -0.43 0.00	62.47 -0.31 0.00	71.65 -0.36 0.00	67.55 0.20 0.00	57.55 0.29 0.00	52.41 0.31 0.00	48.20 0.24 0.00	43.43 0.13 0.00
EAST_RIVER___1 323558	48.74 3.57 0.00	42.51 2.82 0.00	38.66 2.60 0.00	36.04 2.30 0.00	36.09 2.23 0.00	37.31 2.31 0.00	40.51 2.72 0.00	42.95 3.22 0.00	43.38 3.44 0.00	41.00 3.32 0.00	44.48 3.45 -3.90	49.32 3.71 -5.27	50.55 3.86 -6.06	52.52 4.07 -5.59	53.76 4.27 -5.90	55.49 4.78 -2.95	58.64 5.09 0.00	68.18 5.40 0.00	76.68 4.68 0.00	71.52 4.18 0.00	60.41 3.15 0.00	55.22 3.13 0.00	51.18 3.21 0.00	46.38 3.07 0.00
EAST_RIVER___2 323559	48.70 3.53 0.00	42.47 2.78 0.00	38.58 2.52 0.00	36.01 2.26 0.00	36.06 2.20 0.00	37.28 2.27 0.00	40.47 2.68 0.00	42.91 3.18 0.00	43.34 3.39 0.00	40.96 3.28 0.00	44.44 3.41 -3.90	49.28 3.67 -5.27	50.55 3.86 -6.06	52.48 4.03 -5.59	53.71 4.23 -5.90	55.49 4.78 -2.95	58.58 5.03 0.00	68.11 5.33 0.00	76.62 4.61 0.00	71.45 4.11 0.00	60.41 3.15 0.00	55.22 3.13 0.00	51.18 3.21 0.00	46.38 3.07 0.00
EAST___DELAWARE_HYD 23607	47.52 2.35 0.00	41.60 1.91 0.00	37.79 1.73 0.00	35.27 1.52 0.00	35.35 1.49 0.00	36.54 1.54 0.00	39.56 1.78 0.00	41.72 1.99 0.00	42.02 2.08 0.00	39.46 1.77 0.00	39.29 1.82 -0.34	42.39 1.94 -0.11	43.27 2.11 -0.53	45.57 2.23 -0.49	46.55 2.44 -0.52	50.84 2.82 -0.26	56.65 3.10 0.00	66.35 3.58 0.00	75.32 3.31 0.00	70.71 3.37 0.00	59.84 2.58 0.00	54.55 2.45 0.00	50.27 2.30 0.00	45.38 2.08 0.00
EIGHT_POINT___WT_PWR 323820	44.95 -0.22 0.00	39.93 0.24 0.00	36.09 0.04 0.00	33.99 0.24 0.00	34.13 0.27 0.00	35.35 0.35 0.00	37.98 0.19 0.00	39.21 -0.52 0.00	39.15 -0.80 0.00	36.89 -0.79 0.00	36.35 -0.78 0.00	39.42 -0.93 0.00	40.22 -0.41 0.00	42.77 -0.09 0.00	43.72 0.13 0.00	47.53 -0.24 0.00	53.28 -0.27 0.00	62.90 0.13 0.00	71.93 -0.07 0.00	68.82 1.48 0.00	58.75 1.49 0.00	52.98 0.88 0.00	49.26 1.30 0.00	44.82 1.51 0.00
ELBRIDGE_115KV_TB2 80188	44.76 -0.41 0.00	39.50 -0.20 0.00	35.81 -0.25 0.00	33.44 -0.30 0.00	33.62 -0.24 0.00	34.76 -0.25 0.00	37.56 -0.23 0.00	39.41 -0.32 0.00	39.67 -0.28 0.00	37.31 -0.38 0.00	36.72 -0.41 0.00	39.90 -0.44 0.00	40.34 -0.28 0.00	42.68 -0.17 0.00	43.50 -0.09 0.00	47.53 -0.24 0.00	53.33 -0.21 0.00	62.65 -0.13 0.00	71.72 -0.29 0.00	67.48 0.13 0.00	57.43 0.17 0.00	52.10 0.00 0.00	47.96 0.00 0.00	43.26 -0.04 0.00
ELEC_TRO_TEK 24086	49.19 4.02 0.00	42.95 3.25 0.00	39.05 2.99 0.00	36.55 2.80 0.00	36.36 2.51 0.00	37.56 2.56 0.00	40.70 2.91 0.00	43.11 3.38 0.00	43.62 3.68 0.00	41.15 3.47 0.00	45.90 3.53 -5.24	49.42 3.79 -5.28	50.72 3.98 -6.12	52.66 4.16 -5.64	53.94 4.40 -5.95	55.66 4.92 -2.97	58.79 5.25 0.00	68.11 5.34 0.00	76.69 4.68 0.00	71.18 3.84 0.00	60.24 2.98 0.00	55.53 3.44 0.00	51.70 3.74 0.00	46.81 3.51 0.00
ELLENBURG_WT_PWR 323604	44.90 -0.27 0.00	39.50 -0.20 0.00	35.88 -0.18 0.00	33.58 -0.17 0.00	33.76 -0.10 0.00	34.80 -0.21 0.00	37.75 -0.04 0.00	39.69 -0.04 0.00	39.79 -0.16 0.00	37.53 -0.15 0.00	36.91 -0.22 0.00	39.98 -0.36 0.00	40.14 -0.49 0.00	42.17 -0.69 0.00	42.63 -0.96 0.00	46.72 -1.05 0.00	52.58 -0.96 0.00	61.90 -0.88 0.00	72.01 0.00 0.00	67.21 -0.13 0.00	57.20 -0.06 0.00	51.99 -0.10 0.00	47.87 -0.10 0.00	43.21 -0.09 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.77 -1.40 0.00	39.38 -0.32 0.00	35.48 -0.58 0.00	32.97 -0.78 0.00	33.49 -0.37 0.00	34.58 -0.42 0.00	36.81 -0.98 0.00	37.67 -2.07 0.00	37.91 -2.04 0.00	36.18 -1.51 0.00	35.42 -1.71 0.00	38.16 -2.18 0.00	39.73 -0.89 0.00	42.30 -0.56 0.00	43.33 -0.26 0.00	46.52 -1.24 0.00	52.53 -1.02 0.00	61.90 -0.88 0.00	70.13 -1.87 0.00	66.94 -0.40 0.00	56.80 -0.46 0.00	51.11 -0.99 0.00	47.58 -0.38 0.00	43.65 0.35 0.00
EMPIRE_CC_1 323656	46.71 1.54 0.00	41.08 1.39 0.00	37.43 1.37 0.00	34.96 1.21 0.00	35.08 1.22 0.00	36.23 1.22 0.00	38.81 1.02 0.00	40.84 1.11 0.00	40.98 1.04 0.00	38.55 0.87 0.00	37.83 0.96 0.26	41.18 0.93 0.09	41.15 0.94 0.41	43.42 0.94 0.38	44.28 1.09 0.40	48.86 1.29 0.20	54.78 1.23 0.00	64.16 1.38 0.00	72.94 0.93 0.00	68.36 1.01 0.00	58.23 0.97 0.00	53.19 1.10 0.00	48.83 0.86 0.00	44.04 0.74 0.00
EMPIRE_CC_2 323658	46.71 1.54 0.00	41.08 1.39 0.00	37.43 1.37 0.00	34.96 1.21 0.00	35.08 1.22 0.00	36.23 1.22 0.00	38.81 1.02 0.00	40.84 1.11 0.00	40.98 1.04 0.00	38.55 0.87 0.00	37.83 0.96 0.26	41.18 0.93 0.09	41.15 0.94 0.41	43.42 0.94 0.38	44.28 1.09 0.40	48.86 1.29 0.20	54.78 1.23 0.00	64.16 1.38 0.00	72.94 0.93 0.00	68.36 1.01 0.00	58.23 0.97 0.00	53.19 1.10 0.00	48.83 0.86 0.00	44.04 0.74 0.00
ENORWICH_115KV_TB1 80156	47.97 2.80 0.00	42.31 2.62 0.00	38.44 2.38 0.00	35.84 2.09 0.00	36.20 2.34 0.00	37.66 2.66 0.00	40.89 3.10 0.00	42.47 2.74 0.00	42.26 2.32 0.00	39.19 1.51 0.00	38.43 1.30 0.00	41.67 1.33 0.00	41.96 1.34 0.00	44.40 1.54 0.00	45.29 1.70 0.00	49.44 1.67 0.00	56.01 2.46 0.00	66.29 3.52 0.00	76.62 4.61 0.00	72.80 5.45 0.00	62.07 4.81 0.00	56.42 4.32 0.00	51.61 3.65 0.00	46.64 3.33 0.00
ERIE_ST_34_KV_TB1-2 80199	43.86 -1.31 0.00	39.42 -0.28 0.00	35.55 -0.50 0.00	33.01 -0.74 0.00	33.42 -0.44 0.00	34.58 -0.42 0.00	36.92 -0.87 0.00	37.75 -1.99 0.00	37.95 -2.00 0.00	36.18 -1.51 0.00	35.46 -1.67 0.00	38.28 -2.06 0.00	39.93 -0.69 0.00	42.51 -0.34 0.00	43.54 -0.04 0.00	46.81 -0.96 0.00	52.96 -0.59 0.00	62.40 -0.38 0.00	70.64 -1.37 0.00	67.41 0.07 0.00	57.09 -0.17 0.00	51.31 -0.78 0.00	47.68 -0.29 0.00	43.78 0.48 0.00
ERIE_WT_PWR 323693	44.18 -0.99 0.00	39.54 -0.16 0.00	35.63 -0.43 0.00	33.55 -0.20 0.00	33.62 -0.24 0.00	34.76 -0.24 0.00	36.96 -0.83 0.00	37.98 -1.75 0.00	38.07 -1.88 0.00	36.33 -1.36 0.00	35.94 -1.19 0.00	38.85 -1.49 0.00	40.01 -0.61 0.00	42.51 -0.34 0.00	43.50 -0.09 0.00	47.00 -0.77 0.00	52.96 -0.59 0.00	62.27 -0.50 0.00	70.57 -1.44 0.00	67.34 0.00 0.00	57.15 -0.11 0.00	51.42 -0.68 0.00	47.96 0.00 0.00	43.86 0.56 0.00
ESPRGFLD_115KV_TB1 80157	47.97 2.80 0.00	42.11 2.42 0.00	38.22 2.16 0.00	35.74 1.99 0.00	35.92 2.07 0.00	37.28 2.28 0.00	40.13 2.34 0.00	41.80 2.07 0.00	41.78 1.84 0.00	39.08 1.39 0.00	38.50 1.37 0.00	41.79 1.45 0.00	42.09 1.46 0.00	44.48 1.63 0.00	45.42 1.83 0.00	49.73 1.96 0.00	55.90 2.36 0.00	65.92 3.14 0.00	75.75 3.74 0.00	71.86 4.51 0.00	61.27 4.01 0.00	55.74 3.65 0.00	51.13 3.17 0.00	46.12 2.81 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	45.85 0.68 0.00	40.45 0.75 0.00	36.64 0.58 0.00	34.22 0.47 0.00	34.43 0.58 0.00	35.67 0.67 0.00	38.58 0.79 0.00	40.37 0.64 0.00	40.47 0.52 0.00	37.95 0.26 0.00	37.28 0.15 0.00	40.46 0.12 0.00	40.99 0.37 0.00	43.37 0.51 0.00	44.24 0.65 0.00	48.34 0.57 0.00	54.35 0.80 0.00	64.10 1.32 0.00	73.52 1.51 0.00	69.36 2.02 0.00	59.04 1.78 0.00	53.50 1.41 0.00	49.21 1.25 0.00	44.43 1.13 0.00
ETNA____115KV_TB2 80207	45.85 0.68 0.00	40.45 0.75 0.00	36.64 0.58 0.00	34.22 0.47 0.00	34.43 0.58 0.00	35.67 0.67 0.00	38.58 0.79 0.00	40.37 0.64 0.00	40.47 0.52 0.00	37.95 0.26 0.00	37.28 0.15 0.00	40.46 0.12 0.00	40.99 0.37 0.00	43.37 0.51 0.00	44.24 0.65 0.00	48.34 0.57 0.00	54.35 0.80 0.00	64.10 1.32 0.00	73.52 1.51 0.00	69.36 2.02 0.00	59.04 1.78 0.00	53.50 1.41 0.00	49.21 1.25 0.00	44.43 1.13 0.00
EUCLID____115KV_TB2 356179	44.45 -0.72 0.00	39.18 -0.52 0.00	35.52 -0.54 0.00	33.17 -0.57 0.00	33.35 -0.51 0.00	34.55 -0.46 0.00	37.30 -0.49 0.00	39.14 -0.60 0.00	39.43 -0.52 0.00	37.12 -0.57 0.00	36.50 -0.63 0.00	39.70 -0.65 0.00	40.09 -0.53 0.00	42.43 -0.43 0.00	43.24 -0.35 0.00	47.24 -0.53 0.00	53.01 -0.54 0.00	62.21 -0.57 0.00	71.21 -0.79 0.00	66.94 -0.40 0.00	56.92 -0.34 0.00	51.68 -0.42 0.00	47.58 -0.38 0.00	42.91 -0.39 0.00
E_CANADA_CAP_HY 24051	48.79 3.61 0.00	42.83 3.14 0.00	38.87 2.81 0.00	36.31 2.56 0.00	36.50 2.64 0.00	37.84 2.83 0.00	40.55 2.76 0.00	42.04 2.30 0.00	41.82 1.88 0.00	39.00 1.32 0.00	38.24 1.22 0.12	41.54 1.29 0.10	41.70 1.26 0.18	44.10 1.41 0.17	45.07 1.66 0.18	49.54 1.86 0.09	55.74 2.20 0.00	66.10 3.32 0.00	76.18 4.17 0.00	72.80 5.45 0.00	62.24 4.98 0.00	56.58 4.48 0.00	51.85 3.88 0.00	46.68 3.38 0.00
E_CANADA_MHWK_HY 24050	45.17 0.00 0.00	39.69 0.00 0.00	36.06 0.00 0.00	33.71 -0.03 0.00	33.83 -0.03 0.00	35.04 0.04 0.00	37.86 0.08 0.00	39.81 0.08 0.00	39.95 0.00 0.00	37.57 -0.11 0.00	36.95 -0.18 0.00	40.14 -0.20 0.00	40.34 -0.28 0.00	42.56 -0.30 0.00	43.33 -0.26 0.00	47.48 -0.28 0.00	53.23 -0.32 0.00	62.47 -0.31 0.00	71.65 -0.36 0.00	67.14 -0.20 0.00	57.15 -0.11 0.00	52.15 0.05 0.00	48.01 0.05 0.00	43.34 0.04 0.00
E_FISHKILL___LBMP 23776	47.75 2.57 0.00	41.72 2.02 0.00	37.93 1.88 0.00	35.54 1.79 0.00	35.52 1.66 0.00	36.68 1.68 0.00	39.64 1.85 0.00	41.92 2.19 0.00	42.22 2.28 0.00	39.79 2.11 0.00	38.68 2.26 0.72	42.45 2.42 0.31	42.05 2.56 1.13	44.47 2.66 1.04	45.32 2.83 1.10	50.47 3.25 0.55	56.97 3.43 0.00	66.42 3.64 0.00	75.18 3.17 0.00	70.24 2.90 0.00	59.61 2.35 0.00	54.39 2.29 0.00	50.22 2.25 0.00	45.38 2.08 0.00
FALCON___SEABRD_CC1 323796	45.40 0.23 0.00	39.93 0.24 0.00	36.28 0.22 0.00	33.95 0.20 0.00	34.13 0.27 0.00	35.18 0.18 0.00	38.20 0.42 0.00	40.57 0.84 0.00	40.67 0.72 0.00	38.32 0.64 0.00	37.69 0.56 0.00	40.79 0.44 0.00	40.95 0.32 0.00	42.98 0.13 0.00	43.46 -0.13 0.00	47.62 -0.14 0.00	53.71 0.16 0.00	63.34 0.56 0.00	73.81 1.80 0.00	68.96 1.61 0.00	58.63 1.37 0.00	53.24 1.14 0.00	48.97 1.01 0.00	44.17 0.87 0.00
FALCON___SEABRD_CC2 323797	45.40 0.23 0.00	39.93 0.24 0.00	36.28 0.22 0.00	33.95 0.20 0.00	34.13 0.27 0.00	35.18 0.18 0.00	38.20 0.42 0.00	40.57 0.84 0.00	40.67 0.72 0.00	38.32 0.64 0.00	37.69 0.56 0.00	40.79 0.44 0.00	40.95 0.32 0.00	42.98 0.13 0.00	43.46 -0.13 0.00	47.62 -0.14 0.00	53.71 0.16 0.00	63.34 0.56 0.00	73.81 1.80 0.00	68.96 1.61 0.00	58.63 1.37 0.00	53.24 1.14 0.00	48.97 1.01 0.00	44.17 0.87 0.00

FAR ROCKAWAY___4 23548	50.14 4.97 0.00	43.74 4.05 0.00	39.77 3.71 0.00	37.19 3.44 0.00	36.97 3.12 0.00	38.19 3.19 0.00	41.38 3.59 0.00	43.86 4.13 0.00	44.38 4.43 0.00	41.87 4.18 0.00	46.61 4.23 -5.24	50.23 4.60 -5.28	51.54 4.79 -6.12	53.64 5.14 -5.64	54.90 5.36 -5.95	56.76 6.02 -2.97	60.13 6.59 0.00	69.75 6.97 0.00	78.56 6.55 0.00	72.87 5.52 0.00	61.61 4.35 0.00	56.68 4.58 0.00	52.71 4.75 0.00	47.67 4.37 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	48.83 3.66 0.00	42.51 2.82 0.00	38.65 2.60 0.00	36.18 2.43 0.00	36.13 2.27 0.00	37.35 2.35 0.00	40.51 2.72 0.00	42.91 3.18 0.00	43.38 3.44 0.00	40.96 3.28 0.00	44.52 3.49 -3.90	49.37 3.75 -5.27	50.59 3.90 -6.07	52.52 4.07 -5.59	53.76 4.27 -5.90	55.54 4.82 -2.95	58.69 5.14 0.00	68.18 5.40 0.00	76.76 4.75 0.00	71.52 4.18 0.00	60.58 3.32 0.00	55.27 3.18 0.00	51.27 3.31 0.00	46.42 3.12 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.83 3.66 0.00	42.55 2.86 0.00	38.69 2.63 0.00	36.18 2.43 0.00	36.13 2.27 0.00	37.35 2.35 0.00	40.51 2.72 0.00	42.91 3.18 0.00	43.38 3.44 0.00	40.96 3.28 0.00	44.52 3.49 -3.90	49.37 3.75 -5.27	50.59 3.90 -6.07	52.52 4.07 -5.59	53.76 4.27 -5.90	55.54 4.82 -2.95	58.69 5.14 0.00	68.18 5.40 0.00	76.76 4.75 0.00	71.52 4.18 0.00	60.64 3.38 0.00	55.27 3.18 0.00	51.27 3.31 0.00	46.42 3.12 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.78 3.61 0.00	42.51 2.82 0.00	38.65 2.60 0.00	36.14 2.40 0.00	36.13 2.27 0.00	37.31 2.31 0.00	40.47 2.68 0.00	42.91 3.18 0.00	43.34 3.40 0.00	40.93 3.24 0.00	44.48 3.45 -3.90	49.33 3.71 -5.27	50.55 3.86 -6.07	52.52 4.07 -5.59	53.76 4.27 -5.90	55.49 4.78 -2.95	58.63 5.09 0.00	68.11 5.34 0.00	76.69 4.68 0.00	71.45 4.11 0.00	60.52 3.26 0.00	55.22 3.13 0.00	51.22 3.26 0.00	46.38 3.07 0.00
FARRAGUT___LBMP 323566	48.74 3.57 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.28 2.28 0.00	40.43 2.65 0.00	42.83 3.10 0.00	43.30 3.36 0.00	40.89 3.20 0.00	44.45 3.42 -3.90	49.29 3.67 -5.27	50.51 3.82 -6.07	52.44 3.99 -5.59	53.67 4.18 -5.90	55.44 4.73 -2.95	58.58 5.03 0.00	68.05 5.27 0.00	76.62 4.61 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.33 3.03 0.00
FENNER___WINDPWR 24204	45.98 0.81 0.00	40.45 0.75 0.00	36.71 0.65 0.00	34.32 0.57 0.00	34.47 0.61 0.00	35.74 0.74 0.00	38.66 0.87 0.00	40.53 0.79 0.00	41.11 1.16 0.00	38.51 0.83 0.00	37.91 0.78 0.00	41.19 0.85 0.00	41.39 0.77 0.00	43.71 0.86 0.00	44.50 0.92 0.00	48.67 0.91 0.00	54.83 1.28 0.00	64.53 1.76 0.00	74.24 2.23 0.00	69.90 2.56 0.00	59.55 2.29 0.00	54.18 2.09 0.00	49.74 1.78 0.00	44.82 1.51 0.00
FIBERTEK___ENERGY 23856	44.94 -0.23 0.00	39.61 -0.08 0.00	35.91 -0.14 0.00	33.55 -0.20 0.00	33.72 -0.14 0.00	34.90 -0.11 0.00	37.71 -0.08 0.00	39.61 -0.12 0.00	39.87 -0.08 0.00	37.50 -0.19 0.00	36.87 -0.26 0.00	40.06 -0.28 0.00	40.50 -0.12 0.00	42.86 0.00 0.00	43.63 0.04 0.00	47.72 -0.05 0.00	53.55 0.00 0.00	62.90 0.13 0.00	72.08 0.07 0.00	67.75 0.40 0.00	57.66 0.40 0.00	52.30 0.21 0.00	48.11 0.14 0.00	43.39 0.09 0.00
FITZPATRICK____ 23598	43.91 -1.26 0.00	38.62 -1.07 0.00	35.05 -1.01 0.00	32.84 -0.91 0.00	32.91 -0.95 0.00	34.06 -0.94 0.00	36.77 -1.02 0.00	38.62 -1.11 0.00	38.87 -1.08 0.00	36.59 -1.09 0.00	36.05 -1.08 0.00	39.17 -1.17 0.00	39.49 -1.14 0.00	41.74 -1.11 0.00	42.54 -1.05 0.00	46.57 -1.19 0.00	52.15 -1.39 0.00	61.27 -1.51 0.00	70.07 -1.94 0.00	65.80 -1.55 0.00	56.00 -1.26 0.00	50.90 -1.20 0.00	46.86 -1.10 0.00	42.26 -1.04 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.24 3.07 0.00	42.15 2.46 0.00	38.33 2.27 0.00	35.87 2.13 0.00	35.82 1.96 0.00	37.03 2.03 0.00	40.06 2.27 0.00	42.28 2.54 0.00	42.62 2.68 0.00	39.98 2.30 0.00	39.35 2.41 0.19	42.84 2.58 0.09	43.09 2.76 0.30	45.54 2.96 0.28	46.48 3.18 0.29	51.30 3.68 0.15	57.46 3.91 0.00	67.30 4.52 0.00	76.26 4.25 0.00	71.45 4.11 0.00	60.52 3.26 0.00	55.17 3.07 0.00	50.89 2.93 0.00	45.94 2.64 0.00
FORT ORANGE____ 23900	46.48 1.31 0.00	40.85 1.15 0.00	37.21 1.15 0.00	34.80 1.05 0.00	34.91 1.05 0.00	36.02 1.02 0.00	38.73 0.95 0.00	40.76 1.03 0.00	40.90 0.96 0.00	38.40 0.71 0.00	37.68 0.74 0.19	41.00 0.73 0.07	41.09 0.77 0.31	43.30 0.73 0.28	44.16 0.87 0.30	48.67 1.05 0.15	54.67 1.13 0.00	64.10 1.32 0.00	73.09 1.08 0.00	68.62 1.28 0.00	58.40 1.14 0.00	53.24 1.14 0.00	48.92 0.96 0.00	44.08 0.78 0.00
FORT_DRUM_COGEN 23780	46.93 1.76 0.00	41.28 1.59 0.00	37.36 1.30 0.00	34.76 1.01 0.00	35.08 1.22 0.00	36.44 1.44 0.00	39.53 1.74 0.00	41.24 1.51 0.00	38.33 1.16 0.00	37.65 0.64 0.00	40.91 0.56 0.00	40.95 0.32 0.00	43.16 0.30 0.00	43.76 0.17 0.00	47.77 0.00 0.00	53.92 0.37 0.00	63.72 0.94 0.00	73.95 1.94 0.00	70.17 2.83 0.00	60.01 2.75 0.00	54.91 2.81 0.00	50.36 2.40 0.00	45.34 2.04 0.00	
FOX_HILLS___ESR 323835	49.10 3.93 0.00	42.75 3.06 0.00	38.83 2.78 0.00	36.31 2.56 0.00	36.26 2.40 0.00	37.28 2.28 0.00	40.43 2.65 0.00	42.71 2.98 0.00	43.06 3.12 0.00	40.81 3.13 0.00	44.20 3.16 -3.92	49.25 3.63 -5.28	50.15 3.45 -6.07	51.30 3.69 -4.76	51.38 3.70 -4.08	52.02 4.39 0.14	54.75 4.61 3.40	67.37 4.71 0.12	75.75 4.03 0.29	68.64 3.57 2.27	55.65 2.69 4.31	52.10 2.40 2.39	50.55 2.59 0.00	46.51 3.20 0.00
FPL FAR_ROCK_GT1 24212	50.11 4.92 -0.01	43.76 4.05 -0.01	39.79 3.71 -0.01	37.09 3.34 0.00	36.97 3.11 0.00	38.19 3.18 0.00	41.45 3.66 0.00	43.94 4.21 0.00	44.43 4.47 -0.01	41.95 4.26 -0.01	46.61 4.23 -5.25	50.19 4.56 -5.29	51.51 4.75 -6.13	53.61 5.10 -5.66	54.91 5.36 -5.97	56.77 6.02 -2.99	60.14 6.58 -0.01	69.75 6.97 0.00	78.56 6.55 0.00	72.87 5.52 0.00	61.39 4.13 0.00	56.17 4.07 0.00	52.48 4.51 0.00	47.67 4.37 0.00
FPL FAR_ROCK_GT2 23815	50.11 4.92 -0.01	43.76 4.05 -0.01	39.79 3.71 -0.01	37.09 3.34 0.00	36.97 3.11 0.00	38.19 3.18 0.00	41.45 3.66 0.00	43.94 4.21 0.00	44.43 4.47 -0.01	41.95 4.26 -0.01	46.61 4.23 -5.25	50.19 4.56 -5.29	51.51 4.75 -6.13	53.61 5.10 -5.66	54.91 5.36 -5.97	56.77 6.02 -2.99	60.14 6.58 -0.01	69.75 6.97 0.00	78.56 6.55 0.00	72.87 5.52 0.00	61.39 4.13 0.00	56.17 4.07 0.00	52.48 4.51 0.00	47.67 4.37 0.00
FRANKLIN_FALL_HYD 24054	45.49 0.32 0.00	39.97 0.28 0.00	36.31 0.25 0.00	33.95 0.20 0.00	34.16 0.30 0.00	35.21 0.21 0.00	38.28 0.49 0.00	40.13 0.40 0.00	40.23 0.28 0.00	37.87 0.19 0.00	37.28 0.15 0.00	40.38 0.04 0.00	40.54 -0.08 0.00	42.60 -0.26 0.00	42.98 -0.61 0.00	47.00 -0.76 0.00	53.01 -0.54 0.00	62.53 -0.25 0.00	72.94 0.94 0.00	68.08 0.74 0.00	57.95 0.69 0.00	52.67 0.57 0.00	48.44 0.48 0.00	43.69 0.39 0.00

FREEPORT_EQUS_GT1 23764	49.65 4.47 -0.01	43.32 3.61 -0.01	39.42 3.35 -0.01	36.75 3.00 0.00	36.64 2.78 0.00	37.84 2.83 0.00	41.04 3.25 0.00	43.51 3.78 0.00	44.03 4.08 -0.01	41.58 3.88 -0.01	46.24 3.86 -5.25	49.82 4.20 -5.29	51.10 4.35 -6.13	53.10 4.59 -5.65	54.39 4.84 -5.96	56.10 5.35 -2.98	59.13 5.57 -0.01	68.43 5.65 0.00	77.12 5.11 0.00	71.45 4.11 0.00	60.24 2.98 0.00	55.33 3.23 0.00	51.90 3.93 0.00	47.20 3.90 0.00
FREEPORT___CT2 23818	49.65 4.47 -0.01	43.32 3.61 -0.01	39.42 3.35 -0.01	36.75 3.00 0.00	36.64 2.78 0.00	37.84 2.83 0.00	41.04 3.25 0.00	43.51 3.78 0.00	44.03 4.08 -0.01	41.58 3.88 -0.01	46.24 3.86 -5.25	49.82 4.20 -5.29	51.10 4.35 -6.13	53.10 4.59 -5.65	54.39 4.84 -5.96	56.10 5.35 -2.98	59.13 5.57 -0.01	68.43 5.65 0.00	77.12 5.11 0.00	71.45 4.11 0.00	60.24 2.98 0.00	55.33 3.23 0.00	51.90 3.93 0.00	47.20 3.90 0.00
FRESHKLS_33_KV_LOAD 356253	49.28 4.11 0.00	42.87 3.18 0.00	38.94 2.88 0.00	36.38 2.63 0.00	36.33 2.47 0.00	37.35 2.35 0.00	40.51 2.72 0.00	42.75 3.02 0.00	43.10 3.16 0.00	40.89 3.20 0.00	44.20 3.16 -3.92	49.33 3.71 -5.28	50.11 3.41 -6.07	51.22 3.60 -4.76	51.33 3.66 -4.08	51.97 4.35 0.14	54.75 4.61 3.40	67.30 4.65 0.12	75.75 4.03 0.29	68.64 3.57 2.27	55.65 2.69 4.31	52.05 2.34 2.39	50.51 2.54 0.00	46.59 3.29 0.00
FULTON COGEN____ 23766	44.45 -0.72 0.00	39.14 -0.56 0.00	35.48 -0.58 0.00	33.17 -0.57 0.00	33.35 -0.51 0.00	34.48 -0.53 0.00	37.30 -0.49 0.00	39.14 -0.60 0.00	39.39 -0.56 0.00	37.08 -0.60 0.00	36.46 -0.67 0.00	39.62 -0.73 0.00	40.01 -0.61 0.00	42.34 -0.51 0.00	43.11 -0.48 0.00	47.19 -0.57 0.00	52.90 -0.64 0.00	62.15 -0.63 0.00	71.14 -0.86 0.00	66.87 -0.47 0.00	56.92 -0.34 0.00	51.68 -0.42 0.00	47.53 -0.43 0.00	42.87 -0.43 0.00
FULTON___LFGE 323630	48.74 3.57 0.00	42.79 3.10 0.00	38.84 2.78 0.00	36.25 2.50 0.00	36.43 2.57 0.00	37.77 2.76 0.00	40.47 2.68 0.00	42.12 2.38 0.00	41.90 1.96 0.00	39.08 1.40 0.00	38.29 1.30 0.14	41.66 1.37 0.05	41.74 1.34 0.22	44.15 1.50 0.20	45.07 1.70 0.22	49.62 1.96 0.11	55.85 2.30 0.00	66.23 3.45 0.00	76.18 4.17 0.00	72.60 5.26 0.00	62.07 4.81 0.00	56.37 4.27 0.00	51.66 3.69 0.00	46.51 3.20 0.00
G.F.CEMENT___DRP 24184	47.65 2.48 0.00	41.92 2.22 0.00	38.01 1.95 0.00	35.47 1.72 0.00	35.59 1.73 0.00	36.82 1.82 0.00	39.64 1.85 0.00	41.68 1.95 0.00	41.66 1.72 0.00	38.97 1.28 0.00	37.87 0.93 0.19	41.32 1.05 0.07	41.22 0.89 0.29	43.49 0.90 0.27	44.35 1.05 0.28	48.91 1.29 0.14	54.94 1.39 0.00	64.91 2.13 0.00	74.67 2.66 0.00	70.64 3.30 0.00	60.35 3.09 0.00	54.86 2.76 0.00	50.27 2.30 0.00	45.16 1.86 0.00
GARDENVILLE___LBMP 24039	43.86 -1.31 0.00	39.42 -0.28 0.00	35.55 -0.50 0.00	33.04 -0.71 0.00	33.52 -0.34 0.00	34.65 -0.35 0.00	36.88 -0.91 0.00	37.75 -1.99 0.00	37.95 -2.00 0.00	36.18 -1.51 0.00	35.46 -1.67 0.00	38.24 -2.10 0.00	39.81 -0.81 0.00	42.38 -0.47 0.00	43.37 -0.22 0.00	46.62 -1.15 0.00	52.69 -0.86 0.00	62.09 -0.69 0.00	70.35 -1.66 0.00	67.14 -0.20 0.00	56.97 -0.29 0.00	51.21 -0.89 0.00	47.68 -0.29 0.00	43.73 0.43 0.00
GARDNVLA_35_KV_LD 355827	44.00 -1.17 0.00	39.57 -0.12 0.00	35.66 -0.40 0.00	33.11 -0.64 0.00	33.59 -0.27 0.00	34.76 -0.25 0.00	37.03 -0.76 0.00	37.90 -1.83 0.00	38.15 -1.80 0.00	36.37 -1.32 0.00	35.65 -1.49 0.00	38.41 -1.94 0.00	40.01 -0.61 0.00	42.60 -0.26 0.00	43.63 0.04 0.00	46.86 -0.91 0.00	52.96 -0.59 0.00	62.40 -0.38 0.00	70.71 -1.30 0.00	67.48 0.13 0.00	57.26 0.00 0.00	51.47 -0.63 0.00	47.92 -0.05 0.00	43.95 0.65 0.00
GELCKHM___115KV_LOAD 80723	44.63 -0.54 0.00	39.34 -0.36 0.00	35.66 -0.40 0.00	33.31 -0.44 0.00	33.49 -0.37 0.00	34.65 -0.35 0.00	37.45 -0.34 0.00	39.33 -0.40 0.00	39.59 -0.36 0.00	37.27 -0.41 0.00	36.65 -0.48 0.00	39.82 -0.52 0.00	40.26 -0.37 0.00	42.60 -0.26 0.00	43.37 -0.22 0.00	47.43 -0.33 0.00	53.23 -0.32 0.00	62.53 -0.25 0.00	71.50 -0.50 0.00	67.21 -0.13 0.00	57.20 -0.06 0.00	51.89 -0.21 0.00	47.77 -0.19 0.00	43.08 -0.22 0.00
GENERAL___MILLS 23808	43.91 -1.26 0.00	39.50 -0.20 0.00	35.59 -0.47 0.00	33.07 -0.67 0.00	33.55 -0.30 0.00	34.69 -0.32 0.00	36.96 -0.83 0.00	37.83 -1.91 0.00	38.03 -1.92 0.00	36.29 -1.39 0.00	35.53 -1.60 0.00	38.32 -2.02 0.00	39.93 -0.69 0.00	42.47 -0.39 0.00	43.50 -0.09 0.00	46.76 -1.00 0.00	52.80 -0.75 0.00	62.21 -0.57 0.00	70.49 -1.51 0.00	67.28 -0.07 0.00	57.09 -0.17 0.00	51.37 -0.73 0.00	47.82 -0.14 0.00	43.82 0.52 0.00
GE_PLASTICS___DRP 24183	46.34 1.17 0.00	40.65 0.95 0.00	37.03 0.97 0.00	34.73 0.98 0.00	34.77 0.91 0.00	35.88 0.88 0.00	38.66 0.87 0.00	40.73 0.99 0.00	40.91 0.96 0.00	38.48 0.79 0.00	37.75 0.82 0.19	41.12 0.85 0.07	41.13 0.81 0.30	43.39 0.81 0.28	44.25 0.96 0.29	48.77 1.15 0.15	54.67 1.12 0.00	64.03 1.26 0.00	72.87 0.86 0.00	68.35 1.01 0.00	58.18 0.92 0.00	53.03 0.94 0.00	48.78 0.82 0.00	43.99 0.69 0.00
GILBOA___1 23756	46.43 1.26 0.00	40.72 1.03 0.00	37.03 0.97 0.00	34.76 1.01 0.00	34.87 1.01 0.00	36.02 1.02 0.00	38.69 0.91 0.00	40.81 1.07 0.00	41.03 1.08 0.00	38.63 0.94 0.00	38.09 0.96 0.00	41.35 1.01 0.00	41.76 1.14 0.00	44.05 1.20 0.00	44.89 1.31 0.00	49.25 1.48 0.00	55.10 1.55 0.00	64.22 1.45 0.00	73.09 1.08 0.00	68.42 1.07 0.00	58.46 1.20 0.00	53.24 1.14 0.00	49.07 1.10 0.00	44.30 1.00 0.00
GILBOA___2 23757	46.43 1.26 0.00	40.72 1.03 0.00	37.03 0.97 0.00	34.76 1.01 0.00	34.87 1.01 0.00	36.02 1.02 0.00	38.69 0.91 0.00	40.81 1.07 0.00	41.03 1.08 0.00	38.63 0.94 0.00	38.09 0.96 0.00	41.35 1.01 0.00	41.76 1.14 0.00	44.05 1.20 0.00	44.89 1.31 0.00	49.25 1.48 0.00	55.10 1.55 0.00	64.22 1.45 0.00	73.09 1.08 0.00	68.42 1.07 0.00	58.46 1.20 0.00	53.24 1.14 0.00	49.07 1.10 0.00	44.30 1.00 0.00
GILBOA___3 23758	46.43 1.26 0.00	40.72 1.03 0.00	37.03 0.97 0.00	34.76 1.01 0.00	34.87 1.01 0.00	36.02 1.02 0.00	38.69 0.91 0.00	40.81 1.07 0.00	41.03 1.08 0.00	38.63 0.94 0.00	38.09 0.96 0.00	41.35 1.01 0.00	41.76 1.14 0.00	44.05 1.20 0.00	44.89 1.31 0.00	49.25 1.48 0.00	55.10 1.55 0.00	64.22 1.45 0.00	73.09 1.08 0.00	68.42 1.07 0.00	58.46 1.20 0.00	53.24 1.14 0.00	49.07 1.10 0.00	44.30 1.00 0.00
GILBOA___4 23759	46.43 1.26 0.00	40.72 1.03 0.00	37.03 0.97 0.00	34.76 1.01 0.00	34.87 1.01 0.00	36.02 1.02 0.00	38.69 0.91 0.00	40.81 1.07 0.00	41.03 1.08 0.00	38.63 0.94 0.00	38.09 0.96 0.00	41.35 1.01 0.00	41.76 1.14 0.00	44.05 1.20 0.00	44.89 1.31 0.00	49.25 1.48 0.00	55.10 1.55 0.00	64.22 1.45 0.00	73.09 1.08 0.00	68.42 1.07 0.00	58.46 1.20 0.00	53.24 1.14 0.00	49.07 1.10 0.00	44.30 1.00 0.00

GILBOA____ 23599	46.44 1.26 0.00	40.73 1.03 0.00	37.03 0.97 0.00	34.83 1.08 0.00	34.87 1.02 0.00	36.02 1.02 0.00	38.73 0.94 0.00	40.80 1.07 0.00	41.03 1.08 0.00	38.63 0.94 0.00	38.13 1.00 0.00	41.39 1.05 0.00	41.76 1.14 0.00	44.06 1.20 0.00	44.90 1.31 0.00	49.30 1.53 0.00	55.15 1.61 0.00	64.22 1.44 0.00	73.09 1.08 0.00	68.42 1.08 0.00	58.35 1.09 0.00	53.29 1.20 0.00	49.07 1.10 0.00	44.30 1.00 0.00
GINNA____ 23603	42.77 -2.40 0.00	37.91 -1.79 0.00	34.22 -1.84 0.00	32.13 -1.62 0.00	32.13 -1.73 0.00	33.32 -1.68 0.00	35.86 -1.93 0.00	37.59 -2.15 0.00	37.95 -2.00 0.00	35.80 -1.88 0.00	35.31 -1.82 0.00	38.33 -2.02 0.00	38.80 -1.83 0.00	41.06 -1.80 0.00	41.93 -1.66 0.00	45.62 -2.15 0.00	51.25 -2.30 0.00	60.39 -2.39 0.00	69.20 -2.81 0.00	65.39 -1.96 0.00	55.54 -1.72 0.00	50.22 -1.87 0.00	46.38 -1.58 0.00	41.83 -1.47 0.00
GLEN PARK____ 23778	47.20 2.03 0.00	41.48 1.79 0.00	37.54 1.48 0.00	35.00 1.25 0.00	35.28 1.42 0.00	36.68 1.68 0.00	39.79 2.00 0.00	41.44 1.71 0.00	41.31 1.36 0.00	38.48 0.79 0.00	37.80 0.67 0.00	41.07 0.73 0.00	41.03 0.41 0.00	43.28 0.43 0.00	43.85 0.26 0.00	47.86 0.10 0.00	54.08 0.54 0.00	63.97 1.19 0.00	74.31 2.30 0.00	70.64 3.30 0.00	60.41 3.15 0.00	55.27 3.18 0.00	50.65 2.68 0.00	45.59 2.29 0.00
GLENDALE_27_KV_LOAD 356172	49.24 4.07 0.00	42.87 3.18 0.00	38.98 2.92 0.00	36.45 2.70 0.00	36.43 2.57 0.00	37.52 2.52 0.00	40.74 2.95 0.00	43.07 3.34 0.00	43.46 3.52 0.00	41.19 3.50 0.00	44.65 3.60 -3.92	49.57 3.95 -5.28	50.64 3.94 -6.08	52.66 4.20 -5.61	53.77 4.27 -5.91	55.69 4.97 -2.95	58.79 5.25 0.00	67.99 5.21 0.00	76.62 4.61 0.00	71.38 4.04 0.00	60.52 3.26 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.77 3.46 0.00
GLENWOOD_IC_1_G5 23712	49.19 4.02 0.00	42.91 3.22 0.00	39.02 2.96 0.00	36.48 2.73 0.00	36.36 2.51 0.00	37.56 2.56 0.00	40.70 2.91 0.00	43.11 3.38 0.00	43.62 3.68 0.00	41.15 3.47 0.00	46.01 3.64 -5.24	49.58 3.95 -5.28	50.89 4.14 -6.12	52.87 4.37 -5.64	54.12 4.58 -5.95	55.90 5.16 -2.97	59.06 5.52 0.00	68.05 5.27 0.00	76.69 4.68 0.00	71.25 3.91 0.00	60.29 3.03 0.00	55.69 3.59 0.00	51.70 3.74 0.00	46.77 3.46 0.00
GLENWOOD_IC_2_G1 23688	48.79 3.61 -0.01	42.64 2.94 -0.01	38.77 2.71 -0.01	36.18 2.43 0.00	36.16 2.30 0.00	37.39 2.38 0.00	40.51 2.72 0.00	42.91 3.18 0.00	43.35 3.39 -0.01	40.93 3.24 -0.01	45.72 3.34 -5.24	49.22 3.59 -5.28	50.53 3.78 -6.13	52.49 3.99 -5.65	53.78 4.23 -5.96	55.48 4.73 -2.98	58.59 5.03 -0.01	67.99 5.21 0.00	76.68 4.68 0.00	71.38 4.04 0.00	60.24 2.98 0.00	55.17 3.07 0.00	51.23 3.26 0.00	46.46 3.16 0.00
GLENWOOD_IC_3_G1 23689	48.79 3.61 -0.01	42.64 2.94 -0.01	38.77 2.71 -0.01	36.18 2.43 0.00	36.16 2.30 0.00	37.39 2.38 0.00	40.51 2.72 0.00	42.91 3.18 0.00	43.35 3.39 -0.01	40.93 3.24 -0.01	45.72 3.34 -5.24	49.22 3.59 -5.28	50.53 3.78 -6.13	52.49 3.99 -5.65	53.78 4.23 -5.96	55.48 4.73 -2.98	58.59 5.03 -0.01	67.99 5.21 0.00	76.68 4.68 0.00	71.38 4.04 0.00	60.24 2.98 0.00	55.17 3.07 0.00	51.23 3.26 0.00	46.46 3.16 0.00
GLENWOOD____4 23550	49.19 4.02 0.00	42.91 3.22 0.00	39.02 2.96 0.00	36.48 2.73 0.00	36.36 2.51 0.00	37.56 2.56 0.00	40.70 2.91 0.00	43.11 3.38 0.00	43.62 3.68 0.00	41.15 3.47 0.00	46.01 3.64 -5.24	49.58 3.95 -5.28	50.89 4.14 -6.12	52.87 4.37 -5.64	54.12 4.58 -5.95	55.90 5.16 -2.97	59.06 5.52 0.00	68.24 5.46 0.00	76.90 4.90 0.00	71.45 4.11 0.00	60.47 3.21 0.00	55.69 3.59 0.00	51.70 3.74 0.00	46.77 3.46 0.00
GLENWOOD____5 23614	49.19 4.02 0.00	42.91 3.22 0.00	39.02 2.96 0.00	36.48 2.73 0.00	36.36 2.51 0.00	37.56 2.56 0.00	40.70 2.91 0.00	43.11 3.38 0.00	43.62 3.68 0.00	41.15 3.47 0.00	46.01 3.64 -5.24	49.58 3.95 -5.28	50.89 4.14 -6.12	52.87 4.37 -5.64	54.12 4.58 -5.95	55.90 5.16 -2.97	59.06 5.52 0.00	68.24 5.46 0.00	76.90 4.90 0.00	71.45 4.11 0.00	60.47 3.21 0.00	55.69 3.59 0.00	51.70 3.74 0.00	46.77 3.46 0.00
GLOBAL GREEN_PORT_GT1 23814	50.78 5.60 -0.01	44.11 4.41 -0.01	40.14 4.07 -0.01	37.56 3.81 0.00	37.35 3.49 0.00	38.44 3.43 0.00	41.79 4.00 0.00	44.18 4.45 0.00	45.11 5.16 -0.01	42.67 4.97 -0.01	47.57 5.20 -5.24	51.27 5.65 -5.28	52.89 6.13 -6.13	55.19 6.68 -5.65	56.66 7.11 -5.96	58.66 7.79 -3.11	65.32 8.46 -3.31	77.02 8.91 -5.33	80.98 8.56 -0.40	74.29 6.94 -0.01	62.31 5.04 -0.01	56.84 4.74 0.00	53.14 5.18 0.00	48.41 5.11 0.00
GLOBE____DSASP 323697	42.46 -2.71 0.00	38.30 -1.39 0.00	34.44 -1.62 0.00	31.99 -1.75 0.00	33.15 -0.71 0.00	34.23 -0.77 0.00	35.67 -2.12 0.00	36.47 -3.26 0.00	36.79 -3.16 0.00	35.16 -2.52 0.00	34.38 -2.75 0.00	37.03 -3.31 0.00	38.55 -2.07 0.00	41.06 -1.80 0.00	42.02 -1.57 0.00	45.09 -2.67 0.00	50.87 -2.68 0.00	59.89 -2.89 0.00	67.83 -4.18 0.00	64.58 -2.76 0.00	54.91 -2.35 0.00	49.39 -2.71 0.00	46.19 -1.77 0.00	42.35 -0.95 0.00
GOETHSLN____LBMP 323567	48.56 3.39 0.00	42.27 2.58 0.00	38.44 2.38 0.00	35.98 2.23 0.00	35.92 2.07 0.00	37.14 2.14 0.00	40.24 2.46 0.00	42.67 2.94 0.00	43.14 3.20 0.00	40.74 3.05 0.00	44.34 3.30 -3.90	49.12 3.51 -5.27	50.35 3.66 -6.07	51.34 3.73 -4.76	51.59 3.92 -4.08	52.07 4.44 0.14	54.81 4.66 3.39	67.49 4.83 0.12	75.82 4.10 0.29	68.64 3.57 2.27	55.76 2.81 4.31	52.42 2.71 2.39	50.94 2.97 0.00	46.16 2.86 0.00
GOLAH____69_KV_TB 1_2 80279	44.45 -0.72 0.00	39.69 0.00 0.00	35.77 -0.29 0.00	33.28 -0.47 0.00	33.66 -0.20 0.00	34.90 -0.11 0.00	37.45 -0.34 0.00	38.98 -0.75 0.00	39.35 -0.60 0.00	37.19 -0.49 0.00	36.50 -0.63 0.00	39.53 -0.81 0.00	40.42 -0.20 0.00	42.86 0.00 0.00	43.85 0.26 0.00	47.43 -0.33 0.00	53.44 -0.11 0.00	63.03 0.25 0.00	72.01 0.00 0.00	68.35 1.01 0.00	58.00 0.74 0.00	52.41 0.31 0.00	48.44 0.48 0.00	43.99 0.69 0.00
GOODYEAR_LAKE_HYD 323669	47.11 1.94 0.00	41.36 1.67 0.00	37.61 1.55 0.00	35.17 1.42 0.00	35.35 1.49 0.00	36.61 1.61 0.00	39.53 1.74 0.00	41.40 1.67 0.00	41.54 1.60 0.00	38.97 1.28 0.00	38.43 1.30 0.00	41.71 1.37 0.00	42.09 1.46 0.00	44.44 1.59 0.00	45.33 1.74 0.00	49.63 1.86 0.00	55.74 2.20 0.00	65.35 2.57 0.00	74.74 2.74 0.00	70.37 3.03 0.00	59.95 2.69 0.00	54.60 2.50 0.00	50.17 2.21 0.00	45.29 1.99 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.40 0.23 0.00	40.09 0.40 0.00	36.35 0.29 0.00	33.95 0.20 0.00	34.16 0.30 0.00	35.32 0.32 0.00	38.09 0.30 0.00	39.81 0.08 0.00	40.03 0.08 0.00	37.72 0.04 0.00	37.13 0.00 0.00	40.26 -0.08 0.00	40.95 0.32 0.00	43.37 0.51 0.00	44.24 0.65 0.00	48.34 0.57 0.00	54.30 0.75 0.00	63.78 1.00 0.00	72.73 0.72 0.00	68.56 1.21 0.00	58.29 1.03 0.00	52.88 0.78 0.00	48.73 0.77 0.00	44.12 0.82 0.00

GOUDEY___7 23579	45.40 0.23 0.00	40.09 0.40 0.00	36.35 0.29 0.00	33.95 0.20 0.00	34.16 0.30 0.00	35.32 0.32 0.00	38.09 0.30 0.00	39.81 0.08 0.00	40.03 0.08 0.00	37.72 0.04 0.00	37.13 0.00 0.00	40.26 -0.08 0.00	40.95 0.32 0.00	43.37 0.51 0.00	44.24 0.65 0.00	48.34 0.57 0.00	54.30 0.75 0.00	63.78 1.00 0.00	72.73 0.72 0.00	68.56 1.21 0.00	58.29 1.03 0.00	52.88 0.78 0.00	48.73 0.77 0.00	44.12 0.82 0.00
GOUDEY___8 23580	45.40 0.23 0.00	40.09 0.40 0.00	36.35 0.29 0.00	33.95 0.20 0.00	34.16 0.30 0.00	35.32 0.32 0.00	38.09 0.30 0.00	39.81 0.08 0.00	40.03 0.08 0.00	37.72 0.04 0.00	37.13 0.00 0.00	40.26 -0.08 0.00	40.95 0.32 0.00	43.37 0.51 0.00	44.24 0.65 0.00	48.34 0.57 0.00	54.30 0.75 0.00	63.78 1.00 0.00	72.73 0.72 0.00	68.56 1.21 0.00	58.29 1.03 0.00	52.88 0.78 0.00	48.73 0.77 0.00	44.12 0.82 0.00
GOWANUS_GT1_1 24077	49.19 4.02 0.00	42.79 3.10 0.00	38.87 2.81 0.00	36.35 2.60 0.00	36.30 2.44 0.00	37.35 2.35 0.00	40.55 2.76 0.00	42.83 3.10 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.39 3.34 -3.92	49.37 3.75 -5.28	50.36 3.66 -6.08	52.36 3.90 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.47 4.93 0.00	67.74 4.96 0.00	76.40 4.39 0.00	71.32 3.97 0.00	60.24 2.98 0.00	54.80 2.71 0.00	50.84 2.88 0.00	46.64 3.33 0.00
GOWANUS_GT1_2 24078	49.19 4.02 0.00	42.79 3.10 0.00	38.87 2.81 0.00	36.35 2.60 0.00	36.30 2.44 0.00	37.35 2.35 0.00	40.55 2.76 0.00	42.83 3.10 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.39 3.34 -3.92	49.37 3.75 -5.28	50.36 3.66 -6.08	52.36 3.90 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.47 4.93 0.00	67.74 4.96 0.00	76.40 4.39 0.00	71.32 3.97 0.00	60.24 2.98 0.00	54.80 2.71 0.00	50.84 2.88 0.00	46.64 3.33 0.00
GOWANUS_GT1_3 24079	49.19 4.02 0.00	42.79 3.10 0.00	38.87 2.81 0.00	36.35 2.60 0.00	36.30 2.44 0.00	37.35 2.35 0.00	40.55 2.76 0.00	42.83 3.10 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.39 3.34 -3.92	49.37 3.75 -5.28	50.36 3.66 -6.08	52.36 3.90 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.47 4.93 0.00	67.74 4.96 0.00	76.40 4.39 0.00	71.32 3.97 0.00	60.24 2.98 0.00	54.80 2.71 0.00	50.84 2.88 0.00	46.64 3.33 0.00
GOWANUS_GT1_4 24080	49.19 4.02 0.00	42.79 3.10 0.00	38.87 2.81 0.00	36.35 2.60 0.00	36.30 2.44 0.00	37.35 2.35 0.00	40.55 2.76 0.00	42.83 3.10 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.39 3.34 -3.92	49.37 3.75 -5.28	50.36 3.66 -6.08	52.36 3.90 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.47 4.93 0.00	67.74 4.96 0.00	76.40 4.39 0.00	71.32 3.97 0.00	60.24 2.98 0.00	54.80 2.71 0.00	50.84 2.88 0.00	46.64 3.33 0.00
GOWANUS_GT1_5 24084	49.19 4.02 0.00	42.79 3.10 0.00	38.87 2.81 0.00	36.35 2.60 0.00	36.30 2.44 0.00	37.35 2.35 0.00	40.55 2.76 0.00	42.83 3.10 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.39 3.34 -3.92	49.37 3.75 -5.28	50.36 3.66 -6.08	52.36 3.90 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.47 4.93 0.00	67.74 4.96 0.00	76.40 4.39 0.00	71.32 3.97 0.00	60.24 2.98 0.00	54.80 2.71 0.00	50.84 2.88 0.00	46.64 3.33 0.00
GOWANUS_GT1_6 24111	49.19 4.02 0.00	42.79 3.10 0.00	38.87 2.81 0.00	36.35 2.60 0.00	36.30 2.44 0.00	37.35 2.35 0.00	40.55 2.76 0.00	42.83 3.10 0.00	43.18 3.2															

GOWANUS_GT2_6 24119	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.35 3.66 -6.07	52.31 3.86 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
GOWANUS_GT2_7 24120	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.35 3.66 -6.07	52.31 3.86 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
GOWANUS_GT2_8 24121	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.35 3.66 -6.07	52.31 3.86 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
GOWANUS_GT3_1 24122	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.36 3.66 -6.08	52.32 3.86 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
GOWANUS_GT3_2 24123	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.36 3.66 -6.08	52.32 3.86 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
GOWANUS_GT3_3 24124	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.36 3.66 -6.08	52.32 3.86 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
GOWANUS_GT3_4 24125	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.36 3.66 -6.08	52.32 3.86 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
GOWANUS_GT3_5 24126	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00																		

GOWANUS_GT4_5 24134	49.19 4.02 0.00	42.79 3.10 0.00	38.87 2.81 0.00	36.35 2.60 0.00	36.30 2.44 0.00	37.35 2.35 0.00	40.55 2.76 0.00	42.83 3.10 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.39 3.34 -3.92	49.37 3.75 -5.28	50.35 3.66 -6.07	52.35 3.90 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.47 4.93 0.00	67.74 4.96 0.00	76.40 4.39 0.00	71.32 3.97 0.00	60.24 2.98 0.00	54.80 2.71 0.00	50.84 2.88 0.00	46.64 3.33 0.00
GOWANUS_GT4_6 24135	49.19 4.02 0.00	42.79 3.10 0.00	38.87 2.81 0.00	36.35 2.60 0.00	36.30 2.44 0.00	37.35 2.35 0.00	40.55 2.76 0.00	42.83 3.10 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.39 3.34 -3.92	49.37 3.75 -5.28	50.35 3.66 -6.07	52.35 3.90 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.47 4.93 0.00	67.74 4.96 0.00	76.40 4.39 0.00	71.32 3.97 0.00	60.24 2.98 0.00	54.80 2.71 0.00	50.84 2.88 0.00	46.64 3.33 0.00
GOWANUS_GT4_7 24136	49.19 4.02 0.00	42.79 3.10 0.00	38.87 2.81 0.00	36.35 2.60 0.00	36.30 2.44 0.00	37.35 2.35 0.00	40.55 2.76 0.00	42.83 3.10 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.39 3.34 -3.92	49.37 3.75 -5.28	50.35 3.66 -6.07	52.35 3.90 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.47 4.93 0.00	67.74 4.96 0.00	76.40 4.39 0.00	71.32 3.97 0.00	60.24 2.98 0.00	54.80 2.71 0.00	50.84 2.88 0.00	46.64 3.33 0.00
GOWANUS_GT4_8 24137	49.19 4.02 0.00	42.79 3.10 0.00	38.87 2.81 0.00	36.35 2.60 0.00	36.30 2.44 0.00	37.35 2.35 0.00	40.55 2.76 0.00	42.83 3.10 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.39 3.34 -3.92	49.37 3.75 -5.28	50.35 3.66 -6.07	52.35 3.90 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.47 4.93 0.00	67.74 4.96 0.00	76.40 4.39 0.00	71.32 3.97 0.00	60.24 2.98 0.00	54.80 2.71 0.00	50.84 2.88 0.00	46.64 3.33 0.00
GREATVR_69_KV_BK1 356245	50.73 5.56 0.00	44.06 4.37 0.00	40.02 3.97 0.00	37.43 3.68 0.00	37.14 3.28 0.00	38.29 3.29 0.00	41.64 3.85 0.00	44.02 4.29 0.00	44.74 4.79 0.00	42.21 4.52 0.00	47.02 4.64 -5.24	50.55 4.92 -5.28	51.90 5.16 -6.12	53.98 5.49 -5.64	55.25 5.71 -5.95	56.98 6.16 -3.05	69.07 6.48 -9.04	72.79 6.59 -3.42	79.55 6.05 -1.49	72.27 4.92 -0.01	61.16 3.89 -0.01	56.68 4.58 0.00	52.95 4.99 0.00	47.98 4.68 0.00
GREENBSH_115KV_TB3 55895	46.25 1.08 0.00	40.61 0.91 0.00	37.03 0.97 0.00	34.69 0.94 0.00	34.74 0.88 0.00	35.84 0.84 0.00	38.62 0.83 0.00	40.69 0.95 0.00	40.87 0.92 0.00	38.40 0.72 0.00	37.71 0.78 0.20	41.04 0.77 0.07	41.04 0.73 0.31	43.21 0.64 0.29	44.07 0.78 0.31	48.62 1.00 0.15	54.51 0.96 0.00	63.85 1.07 0.00	72.65 0.65 0.00	68.15 0.81 0.00	58.00 0.74 0.00	52.88 0.78 0.00	48.63 0.67 0.00	43.82 0.52 0.00
GREENDGE_115KV_TB5 80291	45.22 0.05 0.00	40.09 0.40 0.00	36.24 0.18 0.00	33.78 0.03 0.00	34.10 0.24 0.00	35.35 0.35 0.00	38.17 0.38 0.00	39.73 0.00 0.00	39.91 -0.04 0.00	37.50 -0.19 0.00	36.83 -0.30 0.00	39.94 -0.40 0.00	40.74 0.12 0.00	43.24 0.39 0.00	44.15 0.57 0.00	48.05 0.29 0.00	53.71 0.16 0.00	63.41 0.63 0.00	72.65 0.65 0.00	68.89 1.55 0.00	58.58 1.32 0.00	52.88 0.78 0.00	49.07 1.10 0.00	44.43 1.13 0.00
GREENIDGE___3 23582	45.22 0.05 0.00	40.09 0.40 0.00	36.24 0.18 0.00	33.78 0.03 0.00	34.10 0.24 0.00	35.35 0.35 0.00	38.17 0.38 0.00	39.73 0.00 0.00	39.91 -0.04 0.00	37.50 -0.19 0.00	36.83 -0.30 0.00	39.94 -0.40 0.00	40.74 0.12 0.00	43.24 0.39 0.00	44.15 0.57 0.00	48.05 0.29 0.00	53.71 0.16 0.00	63.41 0.63 0.00	72.65 0.65 0.00	68.89 1.55 0.00	58.58 1.32 0.00	52.88 0.78 0.00	49.07 1.10 0.00	44.43 1.13 0.00
GREENIDGE___4 23583	45.35 0.18 0.00	40.09 0.40 0.00	36.24 0.18 0.00	33.99 0.24 0.00	34.13 0.27 0.00	35.35 0.35 0.00	38.17 0.38 0.00	39.77 0.04 0.00	39.95 0.00 0.00	37.53 -0.15 0.00	36.95 -0.18 0.00	40.14 -0.20 0.00	40.75 0.12 0.00	43.24 0.38 0.00	44.15 0.57 0.00	48.15 0.38 0.00	53.76 0.22 0.00	63.41 0.63 0.00	72.65 0.65 0.00	68.89 1.55 0.00	58.58 1.32 0.00	52.93 0.83 0.00	49.16 1.20 0.00	44.42 1.12 0.00
GREENLWN_69_KV_BK 3 55738	49.37 4.20 0.00	42.87 3.18 0.00	38.94 2.88 0.00	36.41 2.67 0.00	36.13 2.27 0.00	37.31 2.31 0.00	40.47 2.68 0.00	42.91 3.18 0.00	43.62 3.68 0.00	41.15 3.47 0.00	46.05 3.68 -5.24	49.58 3.95 -5.28	50.72 3.98 -6.12	51.93 3.43 -5.64	53.12 3.57 -5.95	54.49 3.96 -2.76	54.10 3.91 3.36	56.88 3.33 9.22	74.07 2.30 0.24	68.73 1.35 -0.04	58.05 0.80 0.01	54.13 2.03 0.00	51.42 3.45 0.00	46.68 3.38 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	49.19 4.02 0.00	42.79 3.10 0.00	38.87 2.81 0.00	36.35 2.60 0.00	36.30 2.44 0.00	37.35 2.35 0.00	40.55 2.76 0.00	42.83 3.10 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.39 3.34 -3.92	49.37 3.75 -5.28	50.36 3.66 -6.08	52.36 3.90 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.47 4.93 0.00	67.74 4.96 0.00	76.40 4.39 0.00	71.32 3.97 0.00	60.24 2.98 0.00	54.80 2.71 0.00	50.84 2.88 0.00	46.64 3.33 0.00
GRISSOM___SOLAR 323813	48.51 3.34 0.00	42.59 2.90 0.00	38.66 2.60 0.00	36.08 2.33 0.00	36.26 2.40 0.00	37.56 2.55 0.00	40.32 2.53 0.00	42.04 2.30 0.00	41.90 1.96 0.00	39.08 1.40 0.00	38.32 1.33 0.15	41.70 1.41 0.05	41.78 1.38 0.23	44.14 1.50 0.21	45.11 1.75 0.22	49.66 2.01 0.11	55.80 2.25 0.00	66.10 3.32 0.00	75.96 3.96 0.00	72.26 4.91 0.00	61.67 4.41 0.00	56.05 3.96 0.00	51.42 3.46 0.00	46.25 2.95 0.00
GROVEVILLE___HYD 323602	48.24 3.07 0.00	42.15 2.46 0.00	38.33 2.27 0.00	35.87 2.13 0.00	35.82 1.96 0.00	37.03 2.03 0.00	40.06 2.27 0.00	42.28 2.54 0.00	42.62 2.68 0.00	39.98 2.30 0.00	39.35 2.41 0.19	42.84 2.58 0.09	43.09 2.76 0.30	45.54 2.96 0.28	46.48 3.18 0.29	51.30 3.68 0.15	57.46 3.91 0.00	67.30 4.52 0.00	76.26 4.25 0.00	71.45 4.11 0.00	60.52 3.26 0.00	55.17 3.07 0.00	50.89 2.93 0.00	45.94 2.64 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	44.94 -0.23 0.00	39.61 -0.08 0.00	35.91 -0.14 0.00	33.55 -0.20 0.00	33.72 -0.14 0.00	34.90 -0.11 0.00	37.71 -0.08 0.00	39.61 -0.12 0.00	39.87 -0.08 0.00	37.50 -0.19 0.00	36.87 -0.26 0.00	40.06 -0.28 0.00	40.50 -0.12 0.00	42.86 0.00 0.00	43.63 0.04 0.00	47.72 -0.05 0.00	53.55 0.00 0.00	62.90 0.13 0.00	72.08 0.07 0.00	67.75 0.40 0.00	57.66 0.40 0.00	52.30 0.21 0.00	48.11 0.14 0.00	43.39 0.09 0.00
HAMLTNNY_34_KV_TB 80303	45.08 -0.09 0.00	39.77 0.08 0.00	36.02 -0.04 0.00	33.65 -0.10 0.00	33.86 0.00 0.00	35.00 0.00 0.00	37.86 0.08 0.00	39.69 -0.04 0.00	39.95 0.00 0.00	37.57 -0.11 0.00	36.94 -0.19 0.00	40.18 -0.16 0.00	40.62 0.00 0.00	43.03 0.17 0.00	43.85 0.26 0.00	47.91 0.14 0.00	53.71 0.16 0.00	63.22 0.44 0.00	72.37 0.36 0.00	68.15 0.81 0.00	58.00 0.74 0.00	52.56 0.47 0.00	48.35 0.38 0.00	43.65 0.35 0.00

HAMPSHIRE___PAPER_HYD 323593	45.89 0.72 0.00	40.33 0.63 0.00	36.46 0.40 0.00	34.05 0.30 0.00	34.27 0.41 0.00	35.46 0.45 0.00	38.50 0.72 0.00	40.25 0.52 0.00	40.23 0.28 0.00	37.68 0.00 0.00	37.09 -0.04 0.00	40.30 -0.04 0.00	40.38 -0.24 0.00	42.47 -0.39 0.00	42.93 -0.65 0.00	46.76 -1.01 0.00	52.69 -0.86 0.00	62.21 -0.57 0.00	72.30 0.29 0.00	67.95 0.60 0.00	58.00 0.74 0.00	53.14 1.04 0.00	48.97 1.01 0.00	44.17 0.87 0.00
HARDSCRABBLE_WT_PWR 323673	45.22 0.05 0.00	39.73 0.04 0.00	36.13 0.07 0.00	33.78 0.03 0.00	33.89 0.03 0.00	35.11 0.11 0.00	37.94 0.15 0.00	39.85 0.12 0.00	40.03 0.08 0.00	37.65 -0.04 0.00	37.02 -0.11 0.00	40.22 -0.12 0.00	40.42 -0.20 0.00	42.64 -0.21 0.00	43.41 -0.17 0.00	47.58 -0.19 0.00	53.33 -0.21 0.00	62.59 -0.19 0.00	71.79 -0.22 0.00	67.28 -0.07 0.00	57.20 -0.06 0.00	52.25 0.16 0.00	48.06 0.10 0.00	43.43 0.13 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.02 2.85 0.00	41.96 2.26 0.00	38.15 2.09 0.00	35.71 1.96 0.00	35.65 1.79 0.00	36.89 1.89 0.00	39.87 2.08 0.00	42.08 2.34 0.00	42.46 2.52 0.00	39.95 2.26 0.00	41.37 2.41 -1.83	43.54 2.58 -0.62	46.30 2.80 -2.87	48.46 2.96 -2.65	49.56 3.18 -2.79	52.79 3.63 -1.40	57.46 3.91 0.00	67.17 4.39 0.00	75.97 3.96 0.00	71.12 3.77 0.00	60.24 2.98 0.00	54.91 2.81 0.00	50.65 2.69 0.00	45.77 2.47 0.00
HARSNRAD_115KV_TB1 81005	43.68 -1.49 0.00	39.38 -0.32 0.00	35.48 -0.58 0.00	32.94 -0.81 0.00	33.22 -0.64 0.00	34.34 -0.67 0.00	36.50 -1.28 0.00	37.35 -2.38 0.00	37.63 -2.32 0.00	35.88 -1.81 0.00	35.13 -2.01 0.00	37.84 -2.50 0.00	39.36 -1.26 0.00	41.91 -0.94 0.00	42.93 -0.65 0.00	46.05 -1.72 0.00	51.99 -1.55 0.00	61.27 -1.51 0.00	69.49 -2.52 0.00	66.27 -1.08 0.00	56.34 -0.92 0.00	50.64 -1.46 0.00	47.24 -0.72 0.00	43.34 0.04 0.00
HARZA MOOSE___RIVER 24016	46.44 1.26 0.00	40.81 1.11 0.00	36.85 0.79 0.00	34.36 0.61 0.00	34.64 0.78 0.00	35.91 0.91 0.00	38.88 1.10 0.00	40.69 0.95 0.00	40.75 0.80 0.00	38.14 0.45 0.00	37.50 0.37 0.00	40.79 0.44 0.00	40.91 0.28 0.00	43.16 0.30 0.00	43.81 0.22 0.00	47.91 0.14 0.00	53.98 0.43 0.00	63.53 0.75 0.00	73.38 1.37 0.00	69.10 1.75 0.00	58.98 1.72 0.00	53.87 1.77 0.00	49.64 1.68 0.00	44.77 1.47 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.58 -0.59 0.00	39.30 -0.40 0.00	35.63 -0.43 0.00	33.28 -0.47 0.00	33.45 -0.41 0.00	34.58 -0.42 0.00	37.41 -0.38 0.00	39.26 -0.48 0.00	39.51 -0.44 0.00	37.19 -0.49 0.00	36.61 -0.52 0.00	39.78 -0.56 0.00	40.22 -0.41 0.00	42.56 -0.30 0.00	43.33 -0.26 0.00	47.38 -0.38 0.00	53.17 -0.37 0.00	62.46 -0.31 0.00	71.43 -0.58 0.00	67.14 -0.20 0.00	57.15 -0.11 0.00	51.84 -0.26 0.00	47.68 -0.29 0.00	43.04 -0.26 0.00
HELLGATE_13_KV_LD 55870	49.24 4.07 0.00	42.87 3.18 0.00	39.02 2.96 0.00	36.48 2.73 0.00	36.47 2.61 0.00	37.56 2.56 0.00	40.77 2.99 0.00	43.07 3.34 0.00	43.46 3.52 0.00	41.19 3.50 0.00	44.65 3.60 -3.92	49.53 3.91 -5.28	50.64 3.94 -6.08	52.62 4.16 -5.61	53.69 4.18 -5.91	55.64 4.92 -2.95	58.74 5.19 0.00	67.93 5.15 0.00	76.54 4.54 0.00	71.32 3.97 0.00	60.47 3.21 0.00	55.07 2.97 0.00	51.18 3.21 0.00	46.81 3.51 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	49.24 4.07 0.00	42.87 3.18 0.00	39.02 2.96 0.00	36.48 2.73 0.00	36.47 2.61 0.00	37.56 2.56 0.00	40.77 2.99 0.00	43.07 3.34 0.00	43.46 3.52 0.00	41.19 3.50 0.00	44.65 3.60 -3.92	49.53 3.91 -5.28	50.64 3.94 -6.08	52.62 4.16 -5.61	53.69 4.18 -5.91	55.64 4.92 -2.95	58.74 5.19 0.00	67.93 5.15 0.00	76.54 4.54 0.00	71.32 3.97 0.00	60.47 3.21 0.00	55.07 2.97 0.00	51.18 3.21 0.00	46.81 3.51 0.00
HEMPSTEAD____ 23647	49.16 3.98 -0.01	42.92 3.21 -0.01	39.03 2.96 -0.01	36.41 2.67 0.00	36.33 2.47 0.00	37.53 2.52 0.00	40.70 2.91 0.00	43.15 3.42 0.00	43.63 3.67 -0.01	41.20 3.51 -0.01	45.94 3.56 -5.24	49.46 3.83 -5.29	50.74 3.98 -6.13	52.71 4.20 -5.65	53.95 4.40 -5.96	55.67 4.92 -2.98	58.75 5.19 -0.01	67.99 5.21 0.00	76.55 4.54 0.00	71.05 3.70 0.00	59.90 2.64 0.00	54.96 2.86 0.00	51.42 3.46 0.00	46.72 3.42 0.00
HICKLING___1 23621	45.08 -0.09 0.00	40.05 0.36 0.00	36.20 0.14 0.00	33.78 0.03 0.00	34.10 0.24 0.00	35.28 0.28 0.00	38.02 0.23 0.00	39.37 -0.36 0.00	39.63 -0.32 0.00	37.35 -0.34 0.00	36.72 -0.41 0.00	39.78 -0.56 0.00	40.74 0.12 0.00	43.28 0.43 0.00	44.24 0.65 0.00	48.10 0.33 0.00	54.14 0.59 0.00	63.78 1.00 0.00	72.80 0.79 0.00	69.10 1.75 0.00	58.75 1.49 0.00	53.03 0.94 0.00	48.97 1.01 0.00	44.56 1.26 0.00
HICKLING___2 23622	45.08 -0.09 0.00	40.05 0.36 0.00	36.20 0.14 0.00	33.78 0.03 0.00	34.10 0.24 0.00	35.28 0.28 0.00	38.02 0.23 0.00	39.37 -0.36 0.00	39.63 -0.32 0.00	37.35 -0.34 0.00	36.72 -0.41 0.00	39.78 -0.56 0.00	40.74 0.12 0.00	43.28 0.43 0.00	44.24 0.65 0.00	48.10 0.33 0.00	54.14 0.59 0.00	63.78 1.00 0.00	72.80 0.79 0.00	69.10 1.75 0.00	58.75 1.49 0.00	53.03 0.94 0.00	48.97 1.01 0.00	44.56 1.26 0.00
HIGH FALLS___HY 23754	48.15 2.98 0.00	42.04 2.34 0.00	38.22 2.16 0.00	35.74 1.99 0.00	35.69 1.83 0.00	36.93 1.93 0.00	39.94 2.15 0.00	42.16 2.42 0.00	42.50 2.56 0.00	39.91 2.22 0.00	39.47 2.34 0.00	42.84 2.50 0.00	43.34 2.72 0.00	45.73 2.87 0.00	46.73 3.14 0.00	51.35 3.58 0.00	57.46 3.91 0.00	67.24 4.46 0.00	76.26 4.25 0.00	71.45 4.11 0.00	60.47 3.21 0.00	55.12 3.02 0.00	50.84 2.88 0.00	45.90 2.60 0.00
HIGH_RIVER___SOLAR 323847	47.43 2.26 0.00	41.64 1.94 0.00	37.79 1.73 0.00	35.34 1.59 0.00	35.45 1.59 0.00	36.68 1.68 0.00	39.41 1.62 0.00	41.12 1.39 0.00	40.98 1.04 0.00	38.21 0.53 0.00	37.45 0.48 0.16	40.73 0.44 0.06	40.86 0.49 0.26	43.14 0.52 0.24	44.12 0.79 0.25	48.55 0.91 0.12	54.56 1.01 0.00	64.60 1.82 0.00	74.31 2.30 0.00	70.30 2.96 0.00	60.01 2.75 0.00	54.65 2.55 0.00	50.17 2.21 0.00	45.20 1.90 0.00
HILLBURN___GT 23639	48.02 2.85 0.00	41.95 2.26 0.00	38.19 2.13 0.00	35.67 1.92 0.00	35.72 1.86 0.00	36.93 1.92 0.00	39.94 2.15 0.00	42.24 2.50 0.00	42.62 2.68 0.00	40.21 2.53 0.00	41.94 2.67 -2.13	43.87 2.82 -0.70	47.02 3.05 -3.35	49.20 3.26 -3.09	50.33 3.49 -3.26	53.31 3.92 -1.63	57.78 4.23 0.00	67.36 4.58 0.00	76.04 4.03 0.00	71.05 3.70 0.00	60.07 2.81 0.00	54.86 2.76 0.00	50.65 2.68 0.00	45.81 2.51 0.00
HILLSIDE_115KV_TB1 80332	44.58 -0.59 0.00	39.53 -0.16 0.00	35.77 -0.29 0.00	33.41 -0.34 0.00	33.69 -0.17 0.00	34.83 -0.18 0.00	37.49 -0.30 0.00	38.90 -0.83 0.00	39.27 -0.68 0.00	37.04 -0.64 0.00	36.46 -0.67 0.00	39.45 -0.89 0.00	40.42 -0.20 0.00	42.90 0.04 0.00	43.85 0.26 0.00	47.72 -0.05 0.00	53.71 0.16 0.00	63.22 0.44 0.00	71.93 -0.07 0.00	68.15 0.81 0.00	57.95 0.69 0.00	52.41 0.31 0.00	48.35 0.38 0.00	43.95 0.65 0.00

HISHELDN_WT_PWR 323625	44.13 -1.04 0.00	39.42 -0.28 0.00	35.55 -0.50 0.00	33.51 -0.23 0.00	33.59 -0.27 0.00	34.72 -0.28 0.00	36.99 -0.80 0.00	38.02 -1.71 0.00	38.03 -1.92 0.00	36.18 -1.51 0.00	35.72 -1.41 0.00	38.65 -1.69 0.00	39.69 -0.93 0.00	42.17 -0.69 0.00	43.15 -0.44 0.00	46.72 -1.05 0.00	52.53 -1.02 0.00	61.84 -0.94 0.00	70.28 -1.73 0.00	67.14 -0.20 0.00	57.15 -0.11 0.00	51.47 -0.62 0.00	48.01 0.05 0.00	43.82 0.52 0.00
HOLTSVILLE_IC_1 23690	49.74 4.56 -0.01	43.31 3.61 -0.01	39.38 3.32 -0.01	36.75 3.00 0.00	36.60 2.74 0.00	37.70 2.70 0.00	41.07 3.29 0.00	43.43 3.70 0.00	44.07 4.12 -0.01	41.58 3.88 -0.01	46.27 3.90 -5.24	49.66 4.03 -5.28	51.02 4.26 -6.13	52.96 4.46 -5.65	54.17 4.62 -5.96	55.77 4.92 -3.09	61.51 5.03 -2.93	72.09 4.83 -4.48	76.47 4.10 -0.36	70.45 3.10 -0.01	59.44 2.18 -0.01	54.60 2.50 0.00	51.51 3.55 0.00	47.11 3.81 0.00
HOLTSVILLE_IC_10 23699	50.06 4.88 -0.01	43.55 3.85 -0.01	39.56 3.50 -0.01	36.96 3.21 0.00	36.77 2.91 0.00	37.88 2.87 0.00	41.30 3.51 0.00	43.67 3.93 0.00	44.31 4.35 -0.01	41.80 4.11 -0.01	46.53 4.16 -5.24	49.94 4.32 -5.28	51.34 4.59 -6.13	53.35 4.84 -5.65	54.60 5.05 -5.96	56.33 5.40 -3.17	63.64 5.52 -4.58	76.08 5.40 -7.90	77.30 4.75 -0.54	71.06 3.70 -0.02	59.91 2.64 -0.01	54.96 2.86 0.00	51.85 3.88 0.00	47.37 4.07 0.00
HOLTSVILLE_IC_2 23691	49.74 4.56 -0.01	43.31 3.61 -0.01	39.38 3.32 -0.01	36.75 3.00 0.00	36.60 2.74 0.00	37.70 2.70 0.00	41.07 3.29 0.00	43.43 3.70 0.00	44.07 4.12 -0.01	41.58 3.88 -0.01	46.27 3.90 -5.24	49.66 4.03 -5.28	51.02 4.26 -6.13	52.96 4.46 -5.65	54.17 4.62 -5.96	55.77 4.92 -3.09	61.51 5.03 -2.93	72.09 4.83 -4.48	76.47 4.10 -0.36	70.45 3.10 -0.01	59.44 2.18 -0.01	54.60 2.50 0.00	51.51 3.55 0.00	47.11 3.81 0.00
HOLTSVILLE_IC_3 23692	49.74 4.56 -0.01	43.31 3.61 -0.01	39.38 3.32 -0.01	36.75 3.00 0.00	36.60 2.74 0.00	37.70 2.70 0.00	41.07 3.29 0.00	43.43 3.70 0.00	44.07 4.12 -0.01	41.58 3.88 -0.01	46.27 3.90 -5.24	49.66 4.03 -5.28	51.02 4.26 -6.13	52.96 4.46 -5.65	54.17 4.62 -5.96	55.77 4.92 -3.09	61.51 5.03 -2.93	72.09 4.83 -4.48	76.47 4.10 -0.36	70.45 3.10 -0.01	59.44 2.18 -0.01	54.60 2.50 0.00	51.51 3.55 0.00	47.11 3.81 0.00
HOLTSVILLE_IC_4 23693	49.74 4.56 -0.01	43.31 3.61 -0.01	39.38 3.32 -0.01	36.75 3.00 0.00	36.60 2.74 0.00	37.70 2.70 0.00	41.07 3.29 0.00	43.43 3.70 0.00	44.07 4.12 -0.01	41.58 3.88 -0.01	46.27 3.90 -5.24	49.66 4.03 -5.28	51.02 4.26 -6.13	52.96 4.46 -5.65	54.17 4.62 -5.96	55.77 4.92 -3.09	61.51 5.03 -2.93	72.09 4.83 -4.48	76.47 4.10 -0.36	70.45 3.10 -0.01	59.44 2.18 -0.01	54.60 2.50 0.00	51.51 3.55 0.00	47.11 3.81 0.00
HOLTSVILLE_IC_5 23694	49.74 4.56 -0.01	43.31 3.61 -0.01	39.38 3.32 -0.01	36.75 3.00 0.00	36.60 2.74 0.00	37.70 2.70 0.00	41.07 3.29 0.00	43.43 3.70 0.00	44.07 4.12 -0.01	41.58 3.88 -0.01	46.27 3.90 -5.24	49.66 4.03 -5.28	51.02 4.26 -6.13	52.96 4.46 -5.65	54.17 4.62 -5.96	55.77 4.92 -3.09	61.51 5.03 -2.93	72.09 4.83 -4.48	76.47 4.10 -0.36	70.45 3.10 -0.01	59.44 2.18 -0.01	54.60 2.50 0.00	51.51 3.55 0.00	47.11 3.81 0.00
HOLTSVILLE_IC_6 23695	50.06 4.88 -0.01	43.55 3.85 -0.01	39.56 3.50 -0.01	36.96 3.21 0.00	36.77 2.91 0.00	37.88 2.87 0.00	41.30 3.51 0.00	43.67 3.93 0.00	44.31 4.35 -0.01	41.80 4.11 -0.01	46.53 4.16 -5.24	49.94 4.32 -5.28	51.34 4.59 -6.13	53.35 4.84 -5.65	54.60 5.05 -5.96	56.33 5.40 -3.17	63.64 5.52 -4.58	76.08 5.40 -7.90	77.30 4.75 -0.54	71.06 3.70 -0.02	59.91 2.64 -0.01	54.96 2.86 0.00	51.85 3.88 0.00	47.37 4.07 0.00
HOLTSVILLE_IC_7 23696	50.06 4.88 -0.01	43.55 3.85 -0.01	39.56 3.50 -0.01	36.96 3.21 0.00	36.77 2.91 0.00	37.88 2.87 0.00	41.30 3.51 0.00	43.67 3.93 0.00	44.31 4.35 -0.01	41.80 4.11 -0.01	46.53 4.16 -5.24	49.94 4.32 -5.28	51.34 4.59 -6.13	53.35 4.84 -5.65	54.60 5.05 -5.96	56.33 5.40 -3.17	63.64 5.52 -4.58	76.08 5.40 -7.90	77.30 4.75 -0.54	71.06 3.70 -0.02	59.91 2.64 -0.01	54.96 2.86 0.00	51.85 3.88 0.00	47.37 4.07 0.00
HOLTSVILLE_IC_8 23697	50.06 4.88 -0.01	43.55 3.85 -0.01	39.56 3.50 -0.01	36.96 3.21 0.00	36.77 2.91 0.00	37.88 2.87 0.00	41.30 3.51 0.00	43.67 3.93 0.00	44.31 4.35 -0.01	41.80 4.11 -0.01	46.53 4.16 -5.24	49.94 4.32 -5.28	51.34 4.59 -6.13	53.35 4.84 -5.65	54.60 5.05 -5.96	56.33 5.40 -3.17	63.64 5.52 -4.58	76.08 5.40 -7.90	77.30 4.75 -0.54	71.06 3.70 -0.02	59.91 2.64 -0.01	54.96 2.86 0.00	51.85 3.88 0.00	47.37 4.07 0.00
HOLTSVILLE_IC_9 23698	50.06 4.88 -0.01	43.55 3.85 -0.01	39.56 3.50 -0.01	36.96 3.21 0.00	36.77 2.91 0.00	37.88 2.87 0.00	41.30 3.51 0.00	43.67 3.93 0.00	44.31 4.35 -0.01	41.80 4.11 -0.01	46.53 4.16 -5.24	49.94 4.32 -5.28	51.34 4.59 -6.13	53.35 4.84 -5.65	54.60 5.05 -5.96	56.33 5.40 -3.17	63.64 5.52 -4.58	76.08 5.40 -7.90	77.30 4.75 -0.54	71.06 3.70 -0.02	59.91 2.64 -0.01	54.96 2.86 0.00	51.85 3.88 0.00	47.37 4.07 0.00
HOMER_HL_115KV_TB2 355744	43.63 -1.54 0.00	39.06 -0.64 0.00	35.27 -0.79 0.00	32.84 -0.91 0.00	33.25 -0.61 0.00	34.37 -0.63 0.00	36.81 -0.98 0.00	37.75 -1.99 0.00	37.63 -2.32 0.00	35.80 -1.88 0.00	35.24 -1.89 0.00	37.92 -2.42 0.00	39.65 -0.97 0.00	42.21 -0.64 0.00	43.28 -0.31 0.00	46.67 -1.10 0.00	52.90 -0.64 0.00	62.21 -0.57 0.00	70.35 -1.66 0.00	67.07 -0.27 0.00	56.80 -0.46 0.00	51.11 -0.99 0.00	47.34 -0.62 0.00	43.56 0.26 0.00
HOWARD_WT_PWR 323690	44.95 -0.22 0.00	39.97 0.28 0.00	36.13 0.07 0.00	33.99 0.24 0.00	34.13 0.27 0.00	35.39 0.39 0.00	38.02 0.23 0.00	39.26 -0.48 0.00	39.19 -0.76 0.00	36.93 -0.75 0.00	36.35 -0.78 0.00	39.42 -0.93 0.00	40.26 -0.37 0.00	42.77 -0.09 0.00	43.76 0.18 0.00	47.53 -0.24 0.00	53.33 -0.21 0.00	62.97 0.19 0.00	72.08 0.07 0.00	68.89 1.55 0.00	58.75 1.49 0.00	52.98 0.88 0.00	49.30 1.34 0.00	44.82 1.51 0.00
HQ_GEN_CEDARS 23644	45.13 -0.05 0.00	39.69 0.00 0.00	36.02 -0.04 0.00	33.71 -0.03 0.00	33.86 0.00 0.00	34.90 -0.11 0.00	37.86 0.08 0.00	39.69 -0.04 0.00	39.75 -0.20 0.00	37.46 -0.23 0.00	36.91 -0.22 0.00	40.06 -0.28 0.00	40.18 -0.45 0.00	42.26 -0.60 0.00	42.72 -0.87 0.00	46.67 -1.10 0.00	52.53 -1.02 0.00	61.84 -0.94 0.00	71.93 -0.07 0.00	67.01 -0.34 0.00	56.97 -0.29 0.00	51.89 -0.21 0.00	47.82 -0.14 0.00	43.17 -0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	45.13 -0.05 0.00	39.69 0.00 0.00	36.02 -0.04 0.00	33.71 -0.03 0.00	33.86 0.00 0.00	34.90 -0.10 0.00	37.86 0.08 0.00	39.69 -0.04 0.00	38.26 -0.20 1.49	38.94 -0.22 -1.49	36.87 -0.26 0.00	40.06 -0.28 0.00	40.18 -0.45 0.00	42.26 -0.60 0.00	42.72 -0.87 0.00	45.17 -1.10 1.50	54.03 -1.02 -1.50	61.84 -0.94 0.00	71.93 -0.07 0.00	67.01 -0.34 0.00	56.98 -0.28 0.00	51.89 -0.21 0.00	47.82 -0.14 0.00	43.17 -0.13 0.00

HQ_GEN_IMPORT 323601	44.72 -0.45 0.00	39.30 -0.40 0.00	35.70 -0.36 0.00	33.41 -0.34 0.00	33.55 -0.31 0.00	34.69 -0.32 0.00	37.48 -0.30 0.00	39.37 -0.36 0.00	38.06 -0.40 1.49	38.91 -0.26 -1.49	36.83 -0.30 0.00	40.06 -0.28 0.00	40.22 -0.41 0.00	42.38 -0.47 0.00	42.98 -0.61 0.00	45.55 -0.72 1.50	54.35 -0.70 -1.50	62.03 -0.75 0.00	71.72 -0.29 0.00	66.74 -0.61 0.00	56.74 -0.52 0.00	51.58 -0.52 0.00	47.48 -0.48 0.00	42.87 -0.43 0.00
HQ_GEN_WHEEL 23651	44.72 -0.45 0.00	39.30 -0.40 0.00	35.70 -0.36 0.00	33.41 -0.34 0.00	33.55 -0.31 0.00	34.69 -0.32 0.00	37.48 -0.30 0.00	39.37 -0.36 0.00	38.06 -0.40 1.49	38.91 -0.26 -1.49	36.83 -0.30 0.00	40.06 -0.28 0.00	40.22 -0.41 0.00	42.38 -0.47 0.00	42.98 -0.61 0.00	45.55 -0.72 1.50	54.35 -0.70 -1.50	62.03 -0.75 0.00	71.72 -0.29 0.00	66.74 -0.61 0.00	56.74 -0.52 0.00	51.58 -0.52 0.00	47.48 -0.48 0.00	42.87 -0.43 0.00
HUDSON AVE_GT_3 23810	48.83 3.66 0.00	42.55 2.86 0.00	38.69 2.63 0.00	36.18 2.43 0.00	36.13 2.27 0.00	37.35 2.35 0.00	40.51 2.72 0.00	42.95 3.22 0.00	43.38 3.44 0.00	40.96 3.28 0.00	44.52 3.49 -3.90	49.37 3.75 -5.27	50.63 3.94 -6.07	52.56 4.11 -5.59	53.80 4.32 -5.90	55.59 4.87 -2.95	58.69 5.14 0.00	68.18 5.40 0.00	76.76 4.75 0.00	71.59 4.24 0.00	60.64 3.38 0.00	55.27 3.18 0.00	51.32 3.36 0.00	46.42 3.12 0.00
HUDSON AVE_GT_4 23540	48.83 3.66 0.00	42.55 2.86 0.00	38.69 2.63 0.00	36.18 2.43 0.00	36.13 2.27 0.00	37.35 2.35 0.00	40.51 2.72 0.00	42.95 3.22 0.00	43.38 3.44 0.00	40.96 3.28 0.00	44.52 3.49 -3.90	49.37 3.75 -5.27	50.63 3.94 -6.07	52.56 4.11 -5.59	53.80 4.32 -5.90	55.59 4.87 -2.95	58.69 5.14 0.00	68.18 5.40 0.00	76.76 4.75 0.00	71.59 4.24 0.00	60.64 3.38 0.00	55.27 3.18 0.00	51.32 3.36 0.00	46.42 3.12 0.00
HUDSON AVE_GT_5 23657	48.83 3.66 0.00	42.55 2.86 0.00	38.69 2.63 0.00	36.18 2.43 0.00	36.13 2.27 0.00	37.35 2.35 0.00	40.51 2.72 0.00	42.95 3.22 0.00	43.38 3.44 0.00	40.96 3.28 0.00	44.52 3.49 -3.90	49.37 3.75 -5.27	50.63 3.94 -6.07	52.56 4.11 -5.59	53.80 4.32 -5.90	55.59 4.87 -2.95	58.69 5.14 0.00	68.18 5.40 0.00	76.76 4.75 0.00	71.59 4.24 0.00	60.64 3.38 0.00	55.27 3.18 0.00	51.32 3.36 0.00	46.42 3.12 0.00
HUDSON_AVE_10 24168	48.69 3.52 0.00	42.39 2.70 0.00	38.51 2.45 0.00	36.08 2.33 0.00	35.99 2.13 0.00	37.21 2.21 0.00	40.40 2.61 0.00	42.83 3.10 0.00	43.30 3.36 0.00	40.89 3.20 0.00	44.41 3.38 -3.90	49.20 3.59 -5.27	50.43 3.74 -6.07	52.39 3.94 -5.59	53.63 4.14 -5.90	55.40 4.68 -2.95	58.47 4.93 0.00	67.93 5.15 0.00	76.47 4.46 0.00	71.32 3.97 0.00	60.41 3.15 0.00	55.07 2.97 0.00	51.13 3.17 0.00	46.29 2.99 0.00
HUDSON___115KV_TB 4 355613	47.16 1.99 0.00	41.40 1.71 0.00	37.68 1.62 0.00	35.27 1.52 0.00	35.32 1.46 0.00	36.47 1.47 0.00	39.26 1.47 0.00	41.24 1.51 0.00	41.26 1.32 0.00	38.63 0.94 0.00	37.85 0.89 0.17	41.21 0.93 0.06	41.25 0.89 0.27	43.51 0.90 0.25	44.37 1.05 0.26	48.97 1.34 0.13	55.05 1.50 0.00	64.79 2.01 0.00	73.95 1.94 0.00	69.77 2.42 0.00	59.38 2.12 0.00	54.08 1.98 0.00	49.64 1.68 0.00	44.69 1.39 0.00
HUNTER MOUNT___DRP 323613	47.29 2.12 0.00	41.52 1.83 0.00	37.79 1.73 0.00	35.33 1.59 0.00	35.35 1.49 0.00	36.54 1.54 0.00	39.38 1.59 0.00	41.24 1.51 0.00	41.22 1.28 0.00	38.51 0.83 0.00	37.73 0.74 0.14	41.05 0.77 0.05	41.13 0.73 0.22	43.38 0.73 0.21	44.29 0.92 0.22	48.90 1.24 0.11	54.89 1.34 0.00	64.79 2.01 0.00	74.10 2.09 0.00	70.04 2.69 0.00	59.55 2.29 0.00	54.23 2.14 0.00	49.79 1.82 0.00	44.77 1.47 0.00
HUNTINGTON_RES_REC 323705	49.70 4.52 -0.01	43.20 3.49 -0.01	39.28 3.21 -0.01	36.62 2.87 0.00	36.43 2.57 0.00	37.56 2.55 0.00	40.89 3.10 0.00	43.35 3.62 0.00	43.99 4.03 -0.01	41.54 3.85 -0.01	46.31 3.93 -5.24	49.82 4.20 -5.28	51.10 4.35 -6.13	52.88 4.37 -5.65	53.87 4.32 -5.96	56.41 4.68 -3.96	64.90 4.76 -6.59	109.22 4.39 -42.05	75.22 3.53 0.31	69.87 2.49 -0.04	58.85 1.55 -0.04	53.87 1.77 0.00	51.46 3.50 0.00	47.07 3.77 0.00
HUNTLEY___63 23557	43.72 -1.45 0.00	39.38 -0.32 0.00	35.48 -0.58 0.00	32.94 -0.81 0.00	33.62 -0.24 0.00	34.76 -0.25 0.00	36.69 -1.10 0.00	37.55 -2.19 0.00	37.87 -2.08 0.00	36.10 -1.58 0.00	35.35 -1.78 0.00	38.12 -2.22 0.00	39.69 -0.93 0.00	42.26 -0.60 0.00	43.24 -0.35 0.00	46.38 -1.39 0.00	52.42 -1.12 0.00	61.77 -1.00 0.00	69.99 -2.02 0.00	66.81 -0.54 0.00	56.69 -0.57 0.00	50.95 -1.15 0.00	47.53 -0.43 0.00	43.56 0.26 0.00
HUNTLEY___64 23558	43.72 -1.45 0.00	39.38 -0.32 0.00	35.48 -0.58 0.00	32.94 -0.81 0.00	33.62 -0.24 0.00	34.76 -0.25 0.00	36.69 -1.10 0.00	37.55 -2.19 0.00	37.87 -2.08 0.00	36.10 -1.58 0.00	35.35 -1.78 0.00	38.12 -2.22 0.00	39.69 -0.93 0.00	42.26 -0.60 0.00	43.24 -0.35 0.00	46.38 -1.39 0.00	52.42 -1.12 0.00	61.77 -1.00 0.00	69.99 -2.02 0.00	66.81 -0.54 0.00	56.69 -0.57 0.00	50.95 -1.15 0.00	47.53 -0.43 0.00	43.56 0.26 0.00
HUNTLEY___65 23559	43.72 -1.45 0.00	39.38 -0.32 0.00	35.48 -0.58 0.00	32.94 -0.81 0.00	33.62 -0.24 0.00	34.76 -0.25 0.00	36.69 -1.10 0.00	37.55 -2.19 0.00	37.87 -2.08 0.00	36.10 -1.58 0.00	35.35 -1.78 0.00	38.12 -2.22 0.00	39.69 -0.93 0.00	42.26 -0.60 0.00	43.24 -0.35 0.00	46.38 -1.39 0.00	52.42 -1.12 0.00	61.77 -1.00 0.00	69.99 -2.02 0.00	66.81 -0.54 0.00	56.69 -0.57 0.00	50.95 -1.15 0.00	47.53 -0.43 0.00	43.56 0.26 0.00
HUNTLEY___66 23560	43.72 -1.45 0.00	39.38 -0.32 0.00	35.48 -0.58 0.00	32.94 -0.81 0.00	33.62 -0.24 0.00	34.76 -0.25 0.00	36.69 -1.10 0.00	37.55 -2.19 0.00	37.87 -2.08 0.00	36.10 -1.58 0.00	35.35 -1.78 0.00	38.12 -2.22 0.00	39.69 -0.93 0.00	42.26 -0.60 0.00	43.24 -0.35 0.00	46.38 -1.39 0.00	52.42 -1.12 0.00	61.77 -1.00 0.00	69.99 -2.02 0.00	66.81 -0.54 0.00	56.69 -0.57 0.00	50.95 -1.15 0.00	47.53 -0.43 0.00	43.56 0.26 0.00
HUNTLEY___67 23561	43.50 -1.67 0.00	39.18 -0.52 0.00	35.27 -0.79 0.00	32.77 -0.98 0.00	33.32 -0.54 0.00	34.41 -0.60 0.00	36.54 -1.25 0.00	37.43 -2.30 0.00	37.67 -2.28 0.00	35.95 -1.73 0.00	35.20 -1.93 0.00	37.96 -2.38 0.00	39.49 -1.14 0.00	42.04 -0.81 0.00	43.06 -0.52 0.00	46.24 -1.53 0.00	52.21 -1.34 0.00	61.52 -1.26 0.00	69.70 -2.30 0.00	66.40 -0.94 0.00	56.40 -0.86 0.00	50.74 -1.35 0.00	47.29 -0.67 0.00	43.39 0.09 0.00
HUNTLEY___68 23562	43.50 -1.67 0.00	39.18 -0.52 0.00	35.27 -0.79 0.00	32.77 -0.98 0.00	33.32 -0.54 0.00	34.41 -0.60 0.00	36.54 -1.25 0.00	37.43 -2.30 0.00	37.67 -2.28 0.00	35.95 -1.73 0.00	35.20 -1.93 0.00	37.96 -2.38 0.00	39.49 -1.14 0.00	42.04 -0.81 0.00	43.06 -0.52 0.00	46.24 -1.53 0.00	52.21 -1.34 0.00	61.52 -1.26 0.00	69.70 -2.30 0.00	66.40 -0.94 0.00	56.40 -0.86 0.00	50.74 -1.35 0.00	47.29 -0.67 0.00	43.39 0.09 0.00

HYLAND___LFGE 323620	46.57 1.40 0.00	41.44 1.74 0.00	37.35 1.30 0.00	35.06 1.31 0.00	35.15 1.29 0.00	36.51 1.50 0.00	39.19 1.40 0.00	40.41 0.67 0.00	39.95 0.00 0.00	37.38 -0.30 0.00	36.50 -0.63 0.00	39.54 -0.81 0.00	40.26 -0.37 0.00	42.81 -0.04 0.00	44.02 0.44 0.00	47.96 0.19 0.00	52.42 -1.13 0.00	62.27 -0.50 0.00	72.30 0.29 0.00	69.64 2.29 0.00	59.66 2.40 0.00	53.76 1.67 0.00	51.23 3.26 0.00	46.16 2.86 0.00
INDECK___CORINTH 23802	47.02 1.85 0.00	41.44 1.74 0.00	37.57 1.51 0.00	35.03 1.28 0.00	35.18 1.32 0.00	36.41 1.40 0.00	39.19 1.40 0.00	41.20 1.47 0.00	41.26 1.32 0.00	38.55 0.87 0.00	37.43 0.48 0.18	40.84 0.56 0.07	40.78 0.45 0.29	42.93 0.34 0.27	43.79 0.48 0.28	48.25 0.62 0.14	54.19 0.64 0.00	64.03 1.26 0.00	73.81 1.80 0.00	69.76 2.42 0.00	59.61 2.35 0.00	54.18 2.09 0.00	49.64 1.68 0.00	44.60 1.30 0.00
INDECK___ILION 23567	45.40 0.23 0.00	39.85 0.16 0.00	36.24 0.18 0.00	33.92 0.17 0.00	34.03 0.17 0.00	35.21 0.21 0.00	38.02 0.23 0.00	39.97 0.24 0.00	40.15 0.20 0.00	37.80 0.11 0.00	37.20 0.07 0.00	40.42 0.08 0.00	40.66 0.04 0.00	42.90 0.04 0.00	43.67 0.09 0.00	47.86 0.10 0.00	53.65 0.11 0.00	62.97 0.19 0.00	72.15 0.14 0.00	67.61 0.27 0.00	57.49 0.23 0.00	52.41 0.31 0.00	48.20 0.24 0.00	43.52 0.22 0.00
INDECK___OLEAN 23982	43.82 -1.35 0.00	39.06 -0.64 0.00	35.26 -0.79 0.00	33.14 -0.61 0.00	33.28 -0.58 0.00	34.41 -0.60 0.00	36.81 -0.98 0.00	37.91 -1.83 0.00	37.67 -2.28 0.00	35.84 -1.85 0.00	35.50 -1.63 0.00	38.45 -1.90 0.00	39.69 -0.93 0.00	42.21 -0.64 0.00	43.28 -0.30 0.00	46.86 -0.91 0.00	52.96 -0.59 0.00	62.21 -0.57 0.00	70.35 -1.65 0.00	67.14 -0.20 0.00	56.80 -0.46 0.00	51.16 -0.94 0.00	47.44 -0.53 0.00	43.56 0.26 0.00
INDECK___OSWEGO 23783	44.31 -0.86 0.00	38.98 -0.71 0.00	35.34 -0.72 0.00	33.11 -0.64 0.00	33.21 -0.64 0.00	34.34 -0.67 0.00	37.11 -0.68 0.00	38.94 -0.79 0.00	39.19 -0.76 0.00	36.89 -0.79 0.00	36.31 -0.82 0.00	39.45 -0.89 0.00	39.77 -0.86 0.00	42.08 -0.77 0.00	42.85 -0.74 0.00	46.91 -0.86 0.00	52.58 -0.96 0.00	61.77 -1.01 0.00	70.71 -1.29 0.00	66.40 -0.94 0.00	56.58 -0.68 0.00	51.37 -0.73 0.00	47.29 -0.67 0.00	42.65 -0.65 0.00
INDECK___YERKES 23781	44.22 -0.95 0.00	39.42 -0.28 0.00	35.52 -0.54 0.00	33.65 -0.10 0.00	33.52 -0.34 0.00	34.65 -0.35 0.00	36.77 -1.02 0.00	37.75 -1.99 0.00	37.91 -2.04 0.00	36.21 -1.47 0.00	35.80 -1.34 0.00	38.69 -1.66 0.00	39.81 -0.81 0.00	42.30 -0.56 0.00	43.28 -0.30 0.00	46.72 -1.05 0.00	52.58 -0.96 0.00	61.84 -0.94 0.00	70.07 -1.94 0.00	66.88 -0.47 0.00	56.80 -0.46 0.00	51.05 -1.04 0.00	47.72 -0.24 0.00	43.65 0.34 0.00
INDIAN POINT_GT_1 24139	48.15 2.98 0.00	42.04 2.34 0.00	38.22 2.16 0.00	35.81 2.06 0.00	35.76 1.90 0.00	36.96 1.96 0.00	39.98 2.19 0.00	42.28 2.54 0.00	42.66 2.72 0.00	40.21 2.52 0.00	43.01 2.71 -3.17	47.50 2.90 -4.26	48.69 3.09 -4.98	50.71 3.26 -4.59	51.92 3.49 -4.85	54.10 3.92 -2.42	57.72 4.18 0.00	67.30 4.52 0.00	75.97 3.96 0.00	70.91 3.57 0.00	60.07 2.81 0.00	54.80 2.71 0.00	50.70 2.73 0.00	45.81 2.51 0.00
INDIAN POINT_GT_2 23659	48.15 2.98 0.00	42.04 2.34 0.00	38.22 2.16 0.00	35.81 2.06 0.00	35.76 1.90 0.00	36.96 1.96 0.00	39.98 2.19 0.00	42.28 2.54 0.00	42.66 2.72 0.00	40.21 2.52 0.00	43.01 2.71 -3.17	47.50 2.90 -4.26	48.69 3.09 -4.98	50.71 3.26 -4.59	51.92 3.49 -4.85	54.10 3.92 -2.42	57.72 4.18 0.00	67.30 4.52 0.00	75.97 3.96 0.00	70.91 3.57 0.00	60.07 2.81 0.00	54.80 2.71 0.00	50.70 2.73 0.00	45.81 2.51 0.00
INDIAN POINT_GT_3 24019	48.15 2.98 0.00	42.04 2.34 0.00	38.22 2.16 0.00	35.81 2.06 0.00	35.76 1.90 0.00	36.96 1.96 0.00	39.98 2.19 0.00	42.28 2.54 0.00	42.66 2.72 0.00	40.21 2.52 0.00	43.01 2.71 -3.17	47.50 2.90 -4.26	48.69 3.09 -4.98	50.71 3.26 -4.59	51.92 3.49 -4.85	54.10 3.92 -2.42	57.72 4.18 0.00	67.30 4.52 0.00	75.97 3.96 0.00	70.91 3.57 0.00	60.07 2.81 0.00	54.80 2.71 0.00	50.70 2.73 0.00	45.81 2.51 0.00
INDIAN POINT___2 23530	48.02 2.85 0.00	41.95 2.26 0.00	38.19 2.13 0.00	35.67 1.92 0.00	35.72 1.86 0.00	36.89 1.89 0.00	39.94 2.15 0.00	42.28 2.55 0.00	42.66 2.72 0.00	40.25 2.56 0.00	42.69 2.67 -2.89	45.80 2.86 -2.60	48.20 3.05 -4.53	50.25 3.22 -4.18	51.44 3.44 -4.41	53.84 3.87 -2.20	57.67 4.12 0.00	67.24 4.46 0.00	75.89 3.89 0.00	70.84 3.50 0.00	59.90 2.64 0.00	54.70 2.60 0.00	50.55 2.59 0.00	45.77 2.47 0.00
INDIAN POINT___3 23531	48.06 2.89 0.00	41.96 2.26 0.00	38.19 2.13 0.00	35.74 1.99 0.00	35.72 1.86 0.00	36.89 1.89 0.00	39.90 2.12 0.00	42.20 2.46 0.00	42.58 2.64 0.00	40.17 2.49 0.00	42.92 2.67 -3.12	49.12 2.86 -5.91	48.52 3.01 -4.89	50.54 3.17 -4.51	51.71 3.36 -4.76	53.97 3.82 -2.38	57.62 4.07 0.00	67.11 4.33 0.00	75.82 3.82 0.00	70.78 3.43 0.00	60.01 2.75 0.00	54.70 2.60 0.00	50.60 2.64 0.00	45.73 2.42 0.00
INGHAM_C_115KV_TB7 356103	45.17 0.00 0.00	39.69 0.00 0.00	36.06 0.00 0.00	33.71 -0.03 0.00	33.83 -0.03 0.00	35.04 0.04 0.00	37.86 0.08 0.00	39.81 0.08 0.00	39.95 0.00 0.00	37.57 -0.11 0.00	36.98 -0.15 0.00	40.14 -0.20 0.00	40.38 -0.24 0.00	42.56 -0.30 0.00	43.33 -0.26 0.00	47.48 -0.29 0.00	53.23 -0.32 0.00	62.46 -0.31 0.00	71.65 -0.36 0.00	67.14 -0.20 0.00	57.15 -0.11 0.00	52.15 0.05 0.00	48.01 0.05 0.00	43.34 0.04 0.00
IP CORINTH___1 23988	47.34 2.17 0.00	41.64 1.94 0.00	37.79 1.73 0.00	35.27 1.52 0.00	35.35 1.49 0.00	36.58 1.58 0.00	39.41 1.62 0.00	41.44 1.71 0.00	41.46 1.52 0.00	38.78 1.09 0.00	37.65 0.71 0.18	41.08 0.81 0.07	40.98 0.65 0.29	43.19 0.60 0.27	44.05 0.74 0.28	48.53 0.91 0.14	54.51 0.96 0.00	64.41 1.63 0.00	74.24 2.23 0.00	70.17 2.83 0.00	59.95 2.69 0.00	54.49 2.40 0.00	49.93 1.97 0.00	44.86 1.56 0.00
IP___TICONDEROGA 23804	48.87 3.70 0.00	42.99 3.29 0.00	38.94 2.88 0.00	36.21 2.46 0.00	36.36 2.51 0.00	37.70 2.70 0.00	40.55 2.76 0.00	42.51 2.78 0.00	42.34 2.40 0.00	39.42 1.73 0.00	38.28 1.34 0.19	41.81 1.53 0.07	41.63 1.30 0.29	43.96 1.37 0.27	44.83 1.53 0.28	49.44 1.82 0.14	55.58 2.03 0.00	66.17 3.39 0.00	76.26 4.25 0.00	72.73 5.39 0.00	62.13 4.87 0.00	56.42 4.32 0.00	51.51 3.55 0.00	46.20 2.90 0.00
ISLIP_RES_REC 323679	50.33 5.15 -0.01	43.79 4.09 -0.01	39.78 3.71 -0.01	37.12 3.37 0.00	36.94 3.08 0.00	38.05 3.04 0.00	41.49 3.71 0.00	43.90 4.17 0.00	44.59 4.63 -0.01	42.06 4.37 -0.01	46.79 4.42 -5.24	50.26 4.64 -5.28	51.66 4.91 -6.13	53.73 5.23 -5.65	55.00 5.45 -5.96	56.79 5.87 -3.15	65.11 6.05 -5.52	75.80 6.03 -6.99	78.15 5.40 -0.74	71.67 4.31 -0.01	60.42 3.15 -0.01	55.38 3.28 0.00	52.13 4.17 0.00	47.63 4.33 0.00

JAMAICA__27_KV_LOAD 355505	48.92 3.75 0.00	42.51 2.82 0.00	38.62 2.56 0.00	36.18 2.43 0.00	36.13 2.27 0.00	37.31 2.31 0.00	40.58 2.80 0.00	43.11 3.38 0.00	43.58 3.64 0.00	41.19 3.50 0.00	44.56 3.53 -3.90	49.37 3.75 -5.27	50.59 3.90 -6.07	52.56 4.11 -5.59	53.85 4.36 -5.90	55.63 4.92 -2.95	58.85 5.30 0.00	68.30 5.52 0.00	76.90 4.90 0.00	71.65 4.31 0.00	60.70 3.44 0.00	55.27 3.18 0.00	51.46 3.50 0.00	46.46 3.16 0.00
JANIS__SOLAR 323808	46.93 1.76 0.00	41.36 1.67 0.00	37.50 1.44 0.00	35.10 1.35 0.00	35.28 1.42 0.00	36.62 1.61 0.00	39.71 1.93 0.00	41.36 1.63 0.00	41.14 1.20 0.00	38.29 0.60 0.00	37.54 0.41 0.00	40.75 0.40 0.00	41.07 0.45 0.00	43.50 0.64 0.00	44.33 0.74 0.00	48.53 0.76 0.00	54.78 1.23 0.00	64.91 2.14 0.00	74.96 2.95 0.00	71.11 3.77 0.00	60.64 3.38 0.00	55.01 2.92 0.00	50.46 2.49 0.00	45.55 2.25 0.00
JARVIS____ 23743	45.44 0.27 0.00	39.89 0.20 0.00	36.28 0.22 0.00	33.95 0.20 0.00	34.06 0.20 0.00	35.22 0.21 0.00	38.02 0.23 0.00	39.97 0.24 0.00	40.19 0.24 0.00	37.87 0.19 0.00	37.32 0.19 0.00	40.54 0.20 0.00	40.83 0.20 0.00	43.07 0.22 0.00	43.85 0.26 0.00	48.06 0.29 0.00	53.82 0.27 0.00	63.09 0.32 0.00	72.22 0.22 0.00	67.61 0.27 0.00	57.55 0.29 0.00	52.41 0.31 0.00	48.25 0.29 0.00	43.56 0.26 0.00
JENNISON____1 23625	47.20 2.03 0.00	41.60 1.91 0.00	37.79 1.73 0.00	35.30 1.55 0.00	35.55 1.69 0.00	36.93 1.93 0.00	39.98 2.19 0.00	41.68 1.95 0.00	41.66 1.72 0.00	38.89 1.21 0.00	38.24 1.11 0.00	41.47 1.13 0.00	41.88 1.26 0.00	44.31 1.46 0.00	45.20 1.61 0.00	49.34 1.58 0.00	55.74 2.20 0.00	65.67 2.89 0.00	75.39 3.38 0.00	71.32 3.97 0.00	60.75 3.49 0.00	55.22 3.13 0.00	50.65 2.69 0.00	45.77 2.47 0.00
JENNISON____2 23626	47.20 2.03 0.00	41.60 1.91 0.00	37.79 1.73 0.00	35.30 1.55 0.00	35.55 1.69 0.00	36.93 1.93 0.00	39.98 2.19 0.00	41.68 1.95 0.00	41.66 1.72 0.00	38.89 1.21 0.00	38.24 1.11 0.00	41.47 1.13 0.00	41.88 1.26 0.00	44.31 1.46 0.00	45.20 1.61 0.00	49.34 1.58 0.00	55.74 2.20 0.00	65.67 2.89 0.00	75.39 3.38 0.00	71.32 3.97 0.00	60.75 3.49 0.00	55.22 3.13 0.00	50.65 2.69 0.00	45.77 2.47 0.00
JERICOHO_RISE_WT_PWR 323719	44.81 -0.36 0.00	39.37 -0.32 0.00	35.77 -0.29 0.00	33.48 -0.27 0.00	33.66 -0.20 0.00	34.72 -0.28 0.00	37.68 -0.11 0.00	39.53 -0.20 0.00	39.63 -0.32 0.00	37.38 -0.30 0.00	36.76 -0.37 0.00	39.86 -0.48 0.00	39.97 -0.65 0.00	42.00 -0.86 0.00	42.45 -1.13 0.00	46.52 -1.24 0.00	52.37 -1.18 0.00	61.65 -1.13 0.00	71.79 -0.22 0.00	66.94 -0.40 0.00	56.92 -0.34 0.00	51.73 -0.36 0.00	47.68 -0.29 0.00	43.04 -0.26 0.00
KATONAH__115KV_46KV_TB4 355592	48.24 3.07 0.00	42.15 2.46 0.00	38.37 2.31 0.00	35.91 2.16 0.00	35.89 2.03 0.00	37.07 2.07 0.00	40.09 2.31 0.00	42.39 2.66 0.00	42.74 2.80 0.00	40.21 2.52 0.00	39.27 2.67 0.53	43.08 2.90 0.16	42.88 3.09 0.83	45.43 3.34 0.77	46.26 3.49 0.81	51.33 3.96 0.41	57.67 4.12 0.00	67.42 4.65 0.00	76.40 4.39 0.00	71.18 3.84 0.00	60.35 3.09 0.00	55.01 2.92 0.00	50.84 2.88 0.00	45.90 2.60 0.00
KCE_NY_1 323755	47.65 2.48 0.00	41.88 2.18 0.00	38.04 1.98 0.00	35.50 1.75 0.00	35.62 1.76 0.00	36.82 1.82 0.00	39.60 1.81 0.00	41.68 1.95 0.00	41.75 1.80 0.00	39.08 1.40 0.00	38.17 1.22 0.19	41.60 1.33 0.07	41.67 1.34 0.29	44.00 1.41 0.27	44.87 1.57 0.29	49.48 1.86 0.14	55.58 2.03 0.00	65.41 2.64 0.00	74.89 2.88 0.00	70.58 3.23 0.00	60.18 2.92 0.00	54.80 2.71 0.00	50.27 2.30 0.00	45.25 1.95 0.00
KCE_NY_6_ESR 323823	44.18 -0.99 0.00	39.54 -0.16 0.00	35.63 -0.43 0.00	33.55 -0.20 0.00	33.62 -0.24 0.00	34.76 -0.24 0.00	36.96 -0.83 0.00	37.98 -1.75 0.00	38.07 -1.88 0.00	36.33 -1.36 0.00	35.94 -1.19 0.00	38.85 -1.49 0.00	40.01 -0.61 0.00	42.51 -0.34 0.00	43.50 -0.09 0.00	47.00 -0.77 0.00	52.96 -0.59 0.00	62.27 -0.50 0.00	70.57 -1.44 0.00	67.34 0.00 0.00	57.15 -0.11 0.00	51.42 -0.68 0.00	47.96 0.00 0.00	43.86 0.56 0.00
KEDC_PORT_JEFF_GT2 24210	49.92 4.74 -0.01	43.43 3.73 -0.01	39.49 3.43 -0.01	36.85 3.10 0.00	36.67 2.81 0.00	37.77 2.76 0.00	41.19 3.40 0.00	43.55 3.81 0.00	44.19 4.23 -0.01	41.69 3.99 -0.01	46.42 4.05 -5.24	49.86 4.23 -5.28	51.26 4.51 -6.13	53.22 4.71 -5.65	54.43 4.88 -5.96	56.24 5.25 -3.22	62.95 5.25 -4.15	77.81 4.83 -10.20	76.50 4.10 -0.39	70.66 3.30 -0.02	59.62 2.35 -0.01	54.80 2.71 0.00	51.71 3.74 0.00	47.28 3.98 0.00
KEDC_PORT_JEFF_GT3 24211	49.92 4.74 -0.01	43.43 3.73 -0.01	39.49 3.43 -0.01	36.85 3.10 0.00	36.67 2.81 0.00	37.77 2.76 0.00	41.19 3.40 0.00	43.55 3.81 0.00	44.19 4.23 -0.01	41.69 3.99 -0.01	46.42 4.05 -5.24	49.86 4.23 -5.28	51.26 4.51 -6.13	53.22 4.71 -5.65	54.43 4.88 -5.96	56.24 5.25 -3.22	62.95 5.25 -4.15	77.81 4.83 -10.20	76.50 4.10 -0.39	70.66 3.30 -0.02	59.62 2.35 -0.01	54.80 2.71 0.00	51.71 3.74 0.00	47.28 3.98 0.00
KEDC_GLWD_GT4 24219	49.16 3.98 -0.01	42.92 3.21 -0.01	39.03 2.96 -0.01	36.41 2.67 0.00	36.36 2.51 0.00	37.56 2.55 0.00	40.74 2.95 0.00	43.19 3.45 0.00	43.67 3.72 -0.01	41.24 3.54 -0.01	46.02 3.64 -5.24	49.54 3.91 -5.29	50.85 4.10 -6.13	52.88 4.37 -5.65	54.13 4.58 -5.96	55.86 5.11 -2.98	59.02 5.46 -0.01	68.05 5.27 0.00	76.69 4.68 0.00	71.25 3.90 0.00	60.12 2.86 0.00	55.38 3.28 0.00	51.51 3.55 0.00	46.77 3.47 0.00
KEDC_GLWD_GT5 24220	49.16 3.98 -0.01	42.92 3.21 -0.01	39.03 2.96 -0.01	36.41 2.67 0.00	36.36 2.51 0.00	37.56 2.55 0.00	40.74 2.95 0.00	43.19 3.45 0.00	43.67 3.72 -0.01	41.24 3.54 -0.01	46.02 3.64 -5.24	49.54 3.91 -5.29	50.85 4.10 -6.13	52.88 4.37 -5.65	54.13 4.58 -5.96	55.86 5.11 -2.98	59.02 5.46 -0.01	68.05 5.27 0.00	76.69 4.68 0.00	71.25 3.90 0.00	60.12 2.86 0.00	55.38 3.28 0.00	51.51 3.55 0.00	46.77 3.47 0.00
KENSICO____ 23655	48.38 3.21 0.00	42.19 2.50 0.00	38.37 2.31 0.00	35.91 2.16 0.00	35.89 2.03 0.00	37.07 2.07 0.00	40.13 2.34 0.00	42.47 2.74 0.00	42.86 2.92 0.00	40.44 2.75 0.00	43.65 2.93 -3.59	48.62 3.15 -5.13	49.58 3.33 -5.63	51.56 3.51 -5.19	52.77 3.70 -5.48	54.71 4.20 -2.74	57.99 4.44 0.00	67.55 4.77 0.00	76.26 4.25 0.00	71.12 3.77 0.00	60.24 2.98 0.00	54.96 2.87 0.00	50.84 2.88 0.00	45.99 2.68 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.11 2.94 0.00	42.04 2.34 0.00	38.19 2.13 0.00	35.71 1.96 0.00	35.69 1.83 0.00	36.93 1.93 0.00	39.94 2.15 0.00	42.12 2.38 0.00	42.42 2.48 0.00	39.79 2.11 0.00	39.57 2.23 -0.21	42.75 2.34 -0.07	43.52 2.56 -0.34	45.91 2.74 -0.31	46.88 2.96 -0.33	51.32 3.39 -0.16	57.30 3.75 0.00	67.11 4.33 0.00	76.11 4.10 0.00	71.45 4.11 0.00	60.47 3.21 0.00	55.12 3.02 0.00	50.79 2.83 0.00	45.86 2.55 0.00

KIAC_JFK_GT1 23816	48.42 3.25 0.00	42.11 2.42 0.00	38.26 2.20 0.00	35.98 2.23 0.00	35.89 2.03 0.00	36.96 1.96 0.00	40.21 2.42 0.00	42.71 2.98 0.00	43.22 3.28 0.00	40.81 3.13 0.00	44.22 3.19 -3.90	48.96 3.35 -5.27	50.18 3.49 -6.07	52.14 3.69 -5.59	53.37 3.88 -5.90	55.16 4.44 -2.95	58.26 4.71 0.00	67.61 4.83 0.00	76.11 4.10 0.00	70.91 3.57 0.00	60.07 2.81 0.00	54.70 2.60 0.00	50.94 2.97 0.00	46.03 2.73 0.00
KIAC_JFK_GT2 23817	48.42 3.25 0.00	42.11 2.42 0.00	38.26 2.20 0.00	35.98 2.23 0.00	35.89 2.03 0.00	36.96 1.96 0.00	40.21 2.42 0.00	42.71 2.98 0.00	43.22 3.28 0.00	40.81 3.13 0.00	44.22 3.19 -3.90	48.96 3.35 -5.27	50.18 3.49 -6.07	52.14 3.69 -5.59	53.37 3.88 -5.90	55.16 4.44 -2.95	58.26 4.71 0.00	67.61 4.83 0.00	76.11 4.10 0.00	70.91 3.57 0.00	60.07 2.81 0.00	54.70 2.60 0.00	50.94 2.97 0.00	46.03 2.73 0.00
KIAC_JFK____ 323774	48.38 3.21 0.00	42.12 2.42 0.00	38.26 2.20 0.00	35.67 1.92 0.00	35.89 2.03 0.00	36.96 1.96 0.00	40.24 2.45 0.00	42.75 3.02 0.00	43.26 3.31 0.00	40.89 3.20 0.00	44.15 3.12 -3.90	48.96 3.35 -5.27	50.18 3.49 -6.07	52.14 3.69 -5.59	53.37 3.88 -5.90	55.16 4.44 -2.95	58.26 4.71 0.00	67.61 4.83 0.00	76.11 4.10 0.00	70.91 3.57 0.00	59.90 2.64 0.00	54.70 2.60 0.00	50.84 2.88 0.00	46.03 2.73 0.00
KINTIGH__24_KV_GSU 356498	43.91 -1.26 0.00	39.14 -0.56 0.00	35.26 -0.79 0.00	33.28 -0.47 0.00	33.28 -0.58 0.00	34.38 -0.63 0.00	36.58 -1.21 0.00	37.79 -1.95 0.00	37.95 -2.00 0.00	36.21 -1.47 0.00	35.76 -1.37 0.00	38.65 -1.69 0.00	39.61 -1.01 0.00	42.08 -0.77 0.00	43.07 -0.52 0.00	46.57 -1.19 0.00	52.37 -1.18 0.00	61.58 -1.19 0.00	69.85 -2.16 0.00	66.40 -0.94 0.00	56.46 -0.80 0.00	50.85 -1.25 0.00	47.48 -0.48 0.00	43.26 -0.04 0.00
KINTIGH____ 23543	43.59 -1.58 0.00	39.14 -0.56 0.00	35.27 -0.79 0.00	32.77 -0.98 0.00	33.28 -0.58 0.00	34.37 -0.63 0.00	36.54 -1.25 0.00	37.63 -2.11 0.00	37.95 -2.00 0.00	36.18 -1.51 0.00	35.42 -1.71 0.00	38.20 -2.14 0.00	39.53 -1.10 0.00	42.08 -0.77 0.00	43.06 -0.52 0.00	46.33 -1.43 0.00	52.26 -1.29 0.00	61.59 -1.19 0.00	69.85 -2.16 0.00	66.40 -0.94 0.00	56.46 -0.80 0.00	50.85 -1.25 0.00	47.34 -0.62 0.00	43.21 -0.09 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	45.53 0.36 0.00	40.05 0.36 0.00	36.38 0.32 0.00	34.05 0.30 0.00	34.23 0.37 0.00	35.25 0.25 0.00	38.32 0.53 0.00	40.61 0.87 0.00	40.71 0.76 0.00	38.33 0.64 0.00	37.65 0.52 0.00	40.79 0.44 0.00	40.95 0.32 0.00	42.98 0.13 0.00	43.46 -0.13 0.00	47.62 -0.14 0.00	53.71 0.16 0.00	63.41 0.63 0.00	73.95 1.94 0.00	69.10 1.75 0.00	58.81 1.55 0.00	53.35 1.25 0.00	49.02 1.06 0.00	44.21 0.91 0.00
LACHUTE____HYDRO 323717	48.88 3.70 0.00	42.99 3.29 0.00	38.94 2.89 0.00	36.18 2.43 0.00	36.36 2.51 0.00	37.70 2.70 0.00	40.51 2.72 0.00	42.47 2.74 0.00	42.34 2.40 0.00	39.42 1.73 0.00	38.24 1.30 0.19	41.73 1.45 0.07	41.59 1.26 0.29	43.96 1.37 0.27	44.83 1.52 0.28	49.39 1.77 0.14	55.58 2.03 0.00	66.17 3.39 0.00	76.25 4.25 0.00	72.73 5.39 0.00	62.12 4.86 0.00	56.42 4.32 0.00	51.51 3.55 0.00	46.20 2.90 0.00
LAWRNCALV_115KV_TB1 80681	45.31 0.14 0.00	39.85 0.16 0.00	36.17 0.11 0.00	33.82 0.07 0.00	33.99 0.14 0.00	35.07 0.07 0.00	38.05 0.26 0.00	39.85 0.12 0.00	39.87 -0.08 0.00	37.53 -0.15 0.00	36.94 -0.19 0.00	40.10 -0.24 0.00	40.18 -0.45 0.00	42.26 -0.60 0.00	42.58 -1.00 0.00	46.38 -1.39 0.00	52.26 -1.29 0.00	61.52 -1.26 0.00	71.72 -0.29 0.00	66.94 -0.40 0.00	56.97 -0.29 0.00	52.15 0.05 0.00	48.11 0.14 0.00	43.43 0.13 0.00
LEDERLE____ 23769	48.24 3.07 0.00	42.15 2.46 0.00	38.37 2.31 0.00	35.91 2.16 0.00	35.86 2.00 0.00	37.07 2.07 0.00	40.09 2.31 0.00	42.35 2.62 0.00	42.78 2.84 0.00	40.32 2.64 0.00	42.41 2.82 -2.46	43.85 2.99 -0.53	47.69 3.21 -3.86	49.84 3.43 -3.56	51.00 3.66 -3.75	53.80 4.16 -1.87	57.99 4.44 0.00	67.68 4.90 0.00	76.40 4.39 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.12 3.02 0.00	50.89 2.93 0.00	45.99 2.68 0.00
LIGHTHSE_115KV_TB6 355974	45.22 0.05 0.00	39.81 0.12 0.00	36.06 0.00 0.00	33.65 -0.10 0.00	33.89 0.03 0.00	35.07 0.07 0.00	37.86 0.08 0.00	39.69 -0.04 0.00	39.79 -0.16 0.00	37.38 -0.30 0.00	36.80 -0.33 0.00	40.02 -0.32 0.00	40.30 -0.32 0.00	42.56 -0.30 0.00	43.33 -0.26 0.00	47.34 -0.43 0.00	53.23 -0.32 0.00	62.59 -0.19 0.00	71.86 -0.14 0.00	67.75 0.40 0.00	57.78 0.52 0.00	52.62 0.52 0.00	48.39 0.43 0.00	43.65 0.35 0.00
LINDEN COGEN____ 23786	48.47 3.30 0.00	42.24 2.54 0.00	38.44 2.38 0.00	35.88 2.13 0.00	35.92 2.07 0.00	37.10 2.10 0.00	40.24 2.45 0.00	42.71 2.98 0.00	43.14 3.20 0.00	40.81 3.13 0.00	44.26 3.23 -3.90	49.08 3.47 -5.27	50.35 3.66 -6.07	51.34 3.73 -4.76	51.59 3.92 -4.08	52.02 4.39 0.14	54.76 4.61 3.39	67.43 4.77 0.12	75.74 4.03 0.29	68.57 3.50 2.27	55.59 2.64 4.31	52.36 2.66 2.39	50.84 2.88 0.00	46.11 2.81 0.00
LINDHRST_69_KV_BK1 356055	50.23 5.06 0.00	43.70 4.01 0.00	39.70 3.64 0.00	37.12 3.37 0.00	36.87 3.01 0.00	38.05 3.05 0.00	41.30 3.51 0.00	43.75 4.01 0.00	44.38 4.43 0.00	41.87 4.18 0.00	46.65 4.27 -5.24	50.19 4.56 -5.28	51.50 4.75 -6.12	53.47 4.97 -5.64	54.77 5.23 -5.95	56.33 5.59 -2.97	62.59 5.94 -3.10	68.81 6.03 0.00	78.03 5.47 -0.55	71.72 4.38 0.00	60.70 3.44 0.00	56.26 4.17 0.00	52.57 4.60 0.00	47.59 4.29 0.00
LIPA_MISC_IPP 23656	49.78 4.61 0.00	43.23 3.53 0.00	39.27 3.21 0.00	36.82 3.07 0.00	36.53 2.67 0.00	37.59 2.59 0.00	40.92 3.14 0.00	43.19 3.46 0.00	43.94 3.99 0.00	41.42 3.73 0.00	46.20 3.82 -5.24	49.62 3.99 -5.28	50.97 4.22 -6.12	52.96 4.46 -5.64	54.20 4.66 -5.95	55.87 5.02 -3.09	61.94 5.19 -3.20	72.95 5.09 -5.08	76.72 4.32 -0.40	70.66 3.30 -0.01	59.79 2.52 -0.01	55.48 3.39 0.00	51.80 3.84 0.00	46.98 3.68 0.00
LISF____SOLAR 323691	49.79 4.61 -0.01	43.31 3.61 -0.01	39.38 3.32 -0.01	36.82 3.07 0.00	36.60 2.74 0.00	37.66 2.66 0.00	41.11 3.33 0.00	43.39 3.65 0.00	44.07 4.12 -0.01	41.54 3.85 -0.01	46.24 3.86 -5.24	49.66 4.03 -5.28	51.05 4.30 -6.13	53.05 4.54 -5.65	54.30 4.75 -5.96	56.00 5.11 -3.12	62.36 5.30 -3.51	73.70 5.21 -5.71	76.97 4.54 -0.43	70.86 3.50 -0.01	59.73 2.46 -0.01	54.75 2.66 0.00	51.56 3.60 0.00	47.11 3.81 0.00
LITTLE FALLS____HYD 24013	45.17 0.00 0.00	39.69 0.00 0.00	36.06 0.00 0.00	33.71 -0.03 0.00	33.83 -0.03 0.00	35.04 0.04 0.00	37.86 0.08 0.00	39.81 0.08 0.00	39.95 0.00 0.00	37.57 -0.11 0.00	36.98 -0.15 0.00	40.14 -0.20 0.00	40.38 -0.24 0.00	42.56 -0.30 0.00	43.33 -0.26 0.00	47.48 -0.29 0.00	53.23 -0.32 0.00	62.46 -0.31 0.00	71.65 -0.36 0.00	67.14 -0.20 0.00	57.15 -0.11 0.00	52.15 0.05 0.00	48.01 0.05 0.00	43.34 0.04 0.00

LITTLRIV_115KV_TB1 356100	45.80 0.63 0.00	40.25 0.56 0.00	36.56 0.50 0.00	34.19 0.44 0.00	34.40 0.54 0.00	35.53 0.53 0.00	38.58 0.79 0.00	40.25 0.52 0.00	40.19 0.24 0.00	37.76 0.08 0.00	37.09 -0.04 0.00	40.26 -0.08 0.00	40.34 -0.28 0.00	42.38 -0.47 0.00	42.67 -0.92 0.00	46.48 -1.29 0.00	52.48 -1.07 0.00	61.90 -0.88 0.00	72.37 0.36 0.00	67.75 0.40 0.00	57.78 0.52 0.00	52.83 0.73 0.00	48.68 0.72 0.00	43.91 0.61 0.00
LI_NEWBRDGE___DRP 323616	49.10 3.93 0.00	42.87 3.18 0.00	38.98 2.92 0.00	36.45 2.70 0.00	36.26 2.40 0.00	37.45 2.45 0.00	40.62 2.83 0.00	43.03 3.30 0.00	43.54 3.60 0.00	41.08 3.39 0.00	45.83 3.45 -5.24	49.30 3.67 -5.28	50.60 3.86 -6.12	52.48 3.99 -5.64	53.73 4.18 -5.95	55.37 4.63 -2.97	58.47 4.93 0.00	67.68 4.90 0.00	76.18 4.18 0.00	70.64 3.30 0.00	59.78 2.52 0.00	55.27 3.18 0.00	51.56 3.60 0.00	46.72 3.42 0.00
LOCKPORT_115KV_TB60_63_64 80432	43.77 -1.40 0.00	39.46 -0.24 0.00	35.55 -0.50 0.00	33.01 -0.74 0.00	33.22 -0.64 0.00	34.34 -0.67 0.00	36.50 -1.28 0.00	37.35 -2.38 0.00	37.63 -2.32 0.00	35.88 -1.81 0.00	35.13 -2.01 0.00	37.84 -2.50 0.00	39.36 -1.26 0.00	41.91 -0.94 0.00	42.89 -0.70 0.00	46.05 -1.72 0.00	51.99 -1.55 0.00	61.27 -1.51 0.00	69.49 -2.52 0.00	66.33 -1.01 0.00	56.34 -0.92 0.00	50.64 -1.46 0.00	47.24 -0.72 0.00	43.34 0.04 0.00
LOCKPORT___CC1 323769	43.72 -1.45 0.00	39.37 -0.32 0.00	35.48 -0.58 0.00	33.24 -0.51 0.00	33.52 -0.34 0.00	34.62 -0.38 0.00	36.46 -1.32 0.00	37.47 -2.26 0.00	37.63 -2.32 0.00	35.95 -1.73 0.00	35.50 -1.63 0.00	38.37 -1.98 0.00	39.44 -1.18 0.00	41.91 -0.94 0.00	42.93 -0.65 0.00	46.33 -1.43 0.00	52.10 -1.44 0.00	61.27 -1.51 0.00	69.48 -2.52 0.00	66.26 -1.08 0.00	56.34 -0.92 0.00	50.69 -1.40 0.00	47.39 -0.57 0.00	43.39 0.09 0.00
LOCKPORT___CC2 323770	43.72 -1.45 0.00	39.37 -0.32 0.00	35.48 -0.58 0.00	33.24 -0.51 0.00	33.52 -0.34 0.00	34.62 -0.38 0.00	36.46 -1.32 0.00	37.47 -2.26 0.00	37.63 -2.32 0.00	35.95 -1.73 0.00	35.50 -1.63 0.00	38.37 -1.98 0.00	39.44 -1.18 0.00	41.91 -0.94 0.00	42.93 -0.65 0.00	46.33 -1.43 0.00	52.10 -1.44 0.00	61.27 -1.51 0.00	69.48 -2.52 0.00	66.26 -1.08 0.00	56.34 -0.92 0.00	50.69 -1.40 0.00	47.39 -0.57 0.00	43.39 0.09 0.00
LOCKPORT___CC3 323771	43.72 -1.45 0.00	39.37 -0.32 0.00	35.48 -0.58 0.00	33.24 -0.51 0.00	33.52 -0.34 0.00	34.62 -0.38 0.00	36.46 -1.32 0.00	37.47 -2.26 0.00	37.63 -2.32 0.00	35.95 -1.73 0.00	35.50 -1.63 0.00	38.37 -1.98 0.00	39.44 -1.18 0.00	41.91 -0.94 0.00	42.93 -0.65 0.00	46.33 -1.43 0.00	52.10 -1.44 0.00	61.27 -1.51 0.00	69.48 -2.52 0.00	66.26 -1.08 0.00	56.34 -0.92 0.00	50.69 -1.40 0.00	47.39 -0.57 0.00	43.39 0.09 0.00
LOCUSVLY_69_KV_BK2 55797	49.60 4.43 0.00	43.15 3.45 0.00	39.23 3.17 0.00	36.65 2.90 0.00	36.47 2.61 0.00	37.66 2.66 0.00	40.85 3.06 0.00	43.27 3.54 0.00	43.86 3.91 0.00	41.42 3.73 0.00	46.31 3.94 -5.24	49.86 4.24 -5.28	51.17 4.43 -6.12	52.91 4.41 -5.64	54.16 4.62 -5.95	55.87 5.16 -2.94	58.76 5.46 0.25	66.82 5.34 1.30	76.62 4.61 0.00	71.05 3.70 0.00	60.12 2.86 0.00	55.53 3.44 0.00	51.94 3.98 0.00	47.02 3.72 0.00
LONG_LAKE_PHOENIX 24014	44.45 -0.72 0.00	39.14 -0.56 0.00	35.48 -0.58 0.00	33.17 -0.57 0.00	33.35 -0.51 0.00	34.48 -0.53 0.00	37.30 -0.49 0.00	39.14 -0.60 0.00	39.39 -0.56 0.00	37.08 -0.60 0.00	36.46 -0.67 0.00	39.62 -0.73 0.00	40.01 -0.61 0.00	42.34 -0.51 0.00	43.11 -0.48 0.00	47.19 -0.57 0.00	52.90 -0.64 0.00	62.15 -0.63 0.00	71.14 -0.86 0.00	66.87 -0.47 0.00	56.92 -0.34 0.00	51.68 -0.42 0.00	47.53 -0.43 0.00	42.87 -0.43 0.00
LOVETT___3 23632	47.97 2.80 0.00	41.88 2.18 0.00	38.15 2.09 0.00	35.71 1.96 0.00	35.69 1.83 0.00	36.86 1.86 0.00	39.87 2.08 0.00	42.16 2.42 0.00	42.54 2.60 0.00	40.13 2.45 0.00	42.36 2.60 -2.63	43.48 2.78 -0.36	47.72 2.97 -4.13	49.79 3.13 -3.81	50.91 3.31 -4.01	53.55 3.77 -2.01	57.56 4.02 0.00	67.05 4.27 0.00	75.75 3.74 0.00	70.71 3.37 0.00	59.89 2.63 0.00	54.65 2.55 0.00	50.51 2.54 0.00	45.68 2.38 0.00
LOVETT___4 23642	47.97 2.80 0.00	41.88 2.18 0.00	38.15 2.09 0.00	35.71 1.96 0.00	35.69 1.83 0.00	36.86 1.86 0.00	39.87 2.08 0.00	42.16 2.42 0.00	42.54 2.60 0.00	40.13 2.45 0.00	42.36 2.60 -2.63	43.48 2.78 -0.36	47.72 2.97 -4.13	49.79 3.13 -3.81	50.91 3.31 -4.01	53.55 3.77 -2.01	57.56 4.02 0.00	67.05 4.27 0.00	75.75 3.74 0.00	70.71 3.37 0.00	59.89 2.63 0.00	54.65 2.55 0.00	50.51 2.54 0.00	45.68 2.38 0.00
LOVETT___5 23593	47.97 2.80 0.00	41.88 2.18 0.00	38.15 2.09 0.00	35.71 1.96 0.00	35.69 1.83 0.00	36.86 1.86 0.00	39.87 2.08 0.00	42.16 2.42 0.00	42.54 2.60 0.00	40.13 2.45 0.00	42.36 2.60 -2.63	43.48 2.78 -0.36	47.72 2.97 -4.13	49.79 3.13 -3.81	50.91 3.31 -4.01	53.55 3.77 -2.01	57.56 4.02 0.00	67.05 4.27 0.00	75.75 3.74 0.00	70.71 3.37 0.00	59.89 2.63 0.00	54.65 2.55 0.00	50.51 2.54 0.00	45.68 2.38 0.00
LOWER RAQUET___HYD 24057	45.40 0.23 0.00	39.89 0.20 0.00	36.20 0.14 0.00	33.82 0.07 0.00	34.03 0.17 0.00	35.11 0.11 0.00	38.13 0.34 0.00	39.89 0.16 0.00	39.91 -0.04 0.00	37.53 -0.15 0.00	36.95 -0.18 0.00	40.10 -0.24 0.00	40.18 -0.45 0.00	42.26 -0.60 0.00	42.54 -1.05 0.00	46.24 -1.53 0.00	52.15 -1.39 0.00	61.46 -1.32 0.00	71.65 -0.36 0.00	66.94 -0.40 0.00	57.03 -0.23 0.00	52.25 0.16 0.00	48.20 0.24 0.00	43.52 0.22 0.00
LOWER___HUDSON 24059	47.16 1.99 0.00	41.44 1.74 0.00	37.68 1.62 0.00	35.20 1.45 0.00	35.28 1.42 0.00	36.47 1.47 0.00	39.22 1.44 0.00	41.36 1.63 0.00	41.50 1.56 0.00	38.97 1.28 0.00	38.15 1.22 0.20	41.56 1.29 0.07	41.64 1.34 0.32	43.93 1.37 0.29	44.80 1.52 0.31	49.43 1.81 0.16	55.47 1.92 0.00	65.10 2.32 0.00	74.24 2.23 0.00	69.70 2.36 0.00	59.38 2.12 0.00	54.13 2.03 0.00	49.69 1.72 0.00	44.73 1.43 0.00
LOWVILLE_115KV_TB2 356335	46.57 1.40 0.00	40.92 1.23 0.00	36.82 0.76 0.00	34.32 0.57 0.00	34.60 0.74 0.00	35.91 0.91 0.00	38.92 1.13 0.00	40.65 0.91 0.00	40.59 0.64 0.00	37.95 0.26 0.00	37.32 0.19 0.00	40.54 0.20 0.00	40.66 0.04 0.00	42.86 0.00 0.00	43.46 -0.13 0.00	47.43 -0.33 0.00	53.49 -0.05 0.00	63.09 0.31 0.00	73.01 1.01 0.00	68.96 1.62 0.00	58.92 1.66 0.00	53.92 1.82 0.00	49.83 1.87 0.00	44.90 1.60 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	47.65 2.48 0.00	41.84 2.14 0.00	38.01 1.95 0.00	35.50 1.75 0.00	35.59 1.73 0.00	36.79 1.79 0.00	39.64 1.85 0.00	41.68 1.95 0.00	41.70 1.76 0.00	39.08 1.39 0.00	38.21 1.26 0.19	41.65 1.37 0.07	41.63 1.30 0.29	43.96 1.37 0.27	44.83 1.53 0.29	49.44 1.82 0.14	55.53 1.98 0.00	65.41 2.64 0.00	74.82 2.81 0.00	70.51 3.17 0.00	60.12 2.86 0.00	54.75 2.66 0.00	50.22 2.25 0.00	45.21 1.91 0.00

LUTHERNY_35_KV_BK2 355980	47.70 2.53 0.00	41.88 2.18 0.00	38.04 1.98 0.00	35.54 1.79 0.00	35.62 1.76 0.00	36.82 1.82 0.00	39.64 1.85 0.00	41.68 1.95 0.00	41.74 1.80 0.00	39.12 1.43 0.00	38.24 1.30 0.19	41.69 1.41 0.07	41.67 1.34 0.29	44.00 1.41 0.27	44.87 1.57 0.29	49.49 1.86 0.14	55.58 2.03 0.00	65.41 2.64 0.00	74.89 2.88 0.00	70.58 3.23 0.00	60.18 2.92 0.00	54.75 2.66 0.00	50.27 2.30 0.00	45.25 1.95 0.00
LWR___OSWEGATCHIE_HYD 23850	45.89 0.72 0.00	40.33 0.64 0.00	36.45 0.40 0.00	34.02 0.27 0.00	34.27 0.41 0.00	35.46 0.46 0.00	38.51 0.72 0.00	40.25 0.52 0.00	40.23 0.28 0.00	37.68 0.00 0.00	37.09 -0.04 0.00	40.30 -0.04 0.00	40.38 -0.24 0.00	42.47 -0.39 0.00	42.89 -0.70 0.00	46.76 -1.00 0.00	52.69 -0.86 0.00	62.21 -0.57 0.00	72.29 0.29 0.00	67.95 0.61 0.00	58.00 0.74 0.00	53.14 1.04 0.00	48.97 1.01 0.00	44.17 0.87 0.00
LYONS_FALL_HYD 23570	46.43 1.26 0.00	40.80 1.11 0.00	36.85 0.79 0.00	34.39 0.64 0.00	34.64 0.78 0.00	35.91 0.91 0.00	38.92 1.13 0.00	40.68 0.95 0.00	40.75 0.80 0.00	38.14 0.45 0.00	37.54 0.41 0.00	40.79 0.44 0.00	40.91 0.29 0.00	43.16 0.30 0.00	43.81 0.22 0.00	47.91 0.14 0.00	53.97 0.43 0.00	63.53 0.76 0.00	73.37 1.36 0.00	69.09 1.75 0.00	58.98 1.72 0.00	53.87 1.77 0.00	49.69 1.72 0.00	44.77 1.47 0.00
MADISON___COUNTY_LFGE 323628	46.30 1.13 0.00	40.73 1.03 0.00	36.96 0.90 0.00	34.52 0.78 0.00	34.74 0.88 0.00	36.02 1.02 0.00	38.96 1.17 0.00	40.80 1.07 0.00	41.07 1.12 0.00	38.48 0.79 0.00	37.84 0.71 0.00	41.11 0.77 0.00	41.35 0.73 0.00	43.67 0.81 0.00	44.42 0.83 0.00	48.58 0.81 0.00	54.72 1.18 0.00	64.41 1.63 0.00	74.10 2.09 0.00	69.77 2.42 0.00	59.44 2.18 0.00	54.13 2.03 0.00	49.64 1.68 0.00	44.77 1.47 0.00
MALONE___115KV_TB1 356076	45.49 0.32 0.00	39.97 0.28 0.00	36.31 0.25 0.00	33.95 0.20 0.00	34.16 0.30 0.00	35.21 0.21 0.00	38.28 0.49 0.00	40.13 0.40 0.00	40.23 0.28 0.00	37.87 0.19 0.00	37.28 0.15 0.00	40.38 0.04 0.00	40.54 -0.08 0.00	42.60 -0.26 0.00	42.98 -0.61 0.00	47.00 -0.76 0.00	53.01 -0.54 0.00	62.53 -0.25 0.00	72.94 0.94 0.00	68.08 0.74 0.00	57.95 0.69 0.00	52.67 0.57 0.00	48.44 0.48 0.00	43.69 0.39 0.00
MAPLEWOD_115KV_TB3 80458	46.89 1.72 0.00	41.16 1.47 0.00	37.46 1.41 0.00	35.10 1.35 0.00	35.15 1.29 0.00	36.26 1.26 0.00	39.07 1.28 0.00	41.16 1.43 0.00	41.34 1.40 0.00	38.81 1.13 0.00	38.12 1.19 0.20	41.52 1.25 0.07	41.49 1.18 0.32	43.72 1.16 0.29	44.63 1.35 0.31	49.19 1.58 0.15	55.15 1.61 0.00	64.72 1.95 0.00	73.66 1.66 0.00	69.23 1.89 0.00	58.92 1.66 0.00	53.66 1.56 0.00	49.31 1.34 0.00	44.43 1.13 0.00
MAPLE_RIDGE_WT_1 323574	44.72 -0.45 0.00	39.26 -0.44 0.00	35.66 -0.40 0.00	33.38 -0.37 0.00	33.52 -0.34 0.00	34.65 -0.35 0.00	37.48 -0.30 0.00	39.46 -0.28 0.00	39.67 -0.28 0.00	37.42 -0.26 0.00	36.87 -0.26 0.00	40.02 -0.32 0.00	40.26 -0.37 0.00	42.43 -0.43 0.00	43.11 -0.48 0.00	47.24 -0.52 0.00	52.96 -0.59 0.00	62.15 -0.63 0.00	71.51 -0.50 0.00	66.88 -0.47 0.00	56.92 -0.34 0.00	51.79 -0.31 0.00	47.72 -0.24 0.00	43.13 -0.17 0.00
MAPLE_RIDGE_WT_2 323611	44.72 -0.45 0.00	39.26 -0.44 0.00	35.66 -0.40 0.00	33.38 -0.37 0.00	33.52 -0.34 0.00	34.65 -0.35 0.00	37.48 -0.30 0.00	39.46 -0.28 0.00	39.67 -0.28 0.00	37.42 -0.26 0.00	36.87 -0.26 0.00	40.02 -0.32 0.00	40.26 -0.37 0.00	42.43 -0.43 0.00	43.11 -0.48 0.00	47.24 -0.52 0.00	52.96 -0.59 0.00	62.15 -0.63 0.00	71.51 -0.50 0.00	66.88 -0.47 0.00	56.92 -0.34 0.00	51.79 -0.31 0.00	47.72 -0.24 0.00	43.13 -0.17 0.00
MARBLE_RIVER_WT_PWR 323696	44.90 -0.27 0.00	39.46 -0.24 0.00	35.88 -0.18 0.00	33.55 -0.20 0.00	33.76 -0.10 0.00	34.80 -0.21 0.00	37.75 -0.04 0.00	39.57 -0.16 0.00	39.67 -0.28 0.00	37.42 -0.26 0.00	36.80 -0.33 0.00	39.90 -0.44 0.00	40.01 -0.61 0.00	42.04 -0.82 0.00	42.54 -1.05 0.00	46.57 -1.19 0.00	52.42 -1.13 0.00	61.71 -1.07 0.00	71.79 -0.22 0.00	67.01 -0.34 0.00	56.98 -0.28 0.00	51.79 -0.31 0.00	47.72 -0.24 0.00	43.09 -0.22 0.00
MARSHVLE_115KV_TB1 80742	48.87 3.70 0.00	42.91 3.22 0.00	38.94 2.88 0.00	36.35 2.60 0.00	36.53 2.67 0.00	37.87 2.87 0.00	40.58 2.80 0.00	42.00 2.26 0.00	41.78 1.84 0.00	38.93 1.24 0.00	38.16 1.15 0.12	41.45 1.21 0.10	41.61 1.18 0.19	44.01 1.33 0.18	44.97 1.57 0.19	49.44 1.77 0.09	55.64 2.09 0.00	66.04 3.26 0.00	76.11 4.10 0.00	72.87 5.52 0.00	62.36 5.10 0.00	56.63 4.53 0.00	51.90 3.93 0.00	46.72 3.42 0.00
MARSH_HILL_WT_PWR 323713	44.95 -0.22 0.00	39.93 0.24 0.00	36.09 0.04 0.00	33.99 0.24 0.00	34.13 0.27 0.00	35.35 0.35 0.00	37.98 0.19 0.00	39.21 -0.52 0.00	39.15 -0.80 0.00	36.89 -0.79 0.00	36.35 -0.78 0.00	39.42 -0.93 0.00	40.22 -0.41 0.00	42.77 -0.09 0.00	43.72 0.13 0.00	47.53 -0.24 0.00	53.28 -0.27 0.00	62.90 0.13 0.00	71.93 -0.07 0.00	68.82 1.48 0.00	58.69 1.43 0.00	52.98 0.88 0.00	49.26 1.30 0.00	44.82 1.51 0.00
MCINTYRE_115KV_TB2 80467	45.94 0.77 0.00	40.37 0.67 0.00	36.71 0.65 0.00	34.29 0.54 0.00	34.50 0.64 0.00	35.63 0.63 0.00	38.70 0.91 0.00	40.29 0.56 0.00	40.19 0.24 0.00	37.72 0.04 0.00	37.09 -0.04 0.00	40.22 -0.12 0.00	40.30 -0.32 0.00	42.34 -0.51 0.00	42.67 -0.92 0.00	46.57 -1.19 0.00	52.58 -0.96 0.00	62.09 -0.69 0.00	72.65 0.65 0.00	68.08 0.74 0.00	58.00 0.74 0.00	52.98 0.89 0.00	48.73 0.77 0.00	43.99 0.69 0.00
MECO_____69_KV_BK1 80468	49.33 4.16 0.00	43.31 3.61 0.00	39.27 3.21 0.00	36.65 2.90 0.00	36.84 2.98 0.00	38.15 3.15 0.00	40.96 3.17 0.00	42.67 2.94 0.00	42.46 2.52 0.00	39.49 1.81 0.00	38.66 1.67 0.14	42.11 1.82 0.05	42.19 1.79 0.22	44.58 1.93 0.21	45.55 2.18 0.22	50.19 2.53 0.11	56.44 2.89 0.00	67.11 4.33 0.00	77.19 5.18 0.00	73.61 6.26 0.00	62.81 5.55 0.00	57.05 4.95 0.00	52.28 4.32 0.00	46.98 3.68 0.00
MENANDS___115KV_TB5 355628	46.62 1.45 0.00	40.92 1.23 0.00	37.28 1.23 0.00	34.93 1.18 0.00	34.98 1.12 0.00	36.09 1.09 0.00	38.88 1.10 0.00	41.00 1.27 0.00	41.15 1.20 0.00	38.70 1.02 0.00	37.97 1.04 0.20	41.36 1.09 0.07	41.32 1.02 0.32	43.55 0.99 0.29	44.41 1.13 0.31	49.00 1.39 0.15	54.89 1.34 0.00	64.35 1.57 0.00	73.23 1.22 0.00	68.69 1.35 0.00	58.46 1.20 0.00	53.29 1.20 0.00	48.97 1.01 0.00	44.12 0.82 0.00
MG INDUSTRY___DRP 24185	46.57 1.40 0.00	40.88 1.19 0.00	37.25 1.19 0.00	34.90 1.15 0.00	34.94 1.08 0.00	36.09 1.09 0.00	38.81 1.02 0.00	40.80 1.07 0.00	40.91 0.96 0.00	38.44 0.75 0.00	37.73 0.78 0.18	41.08 0.81 0.06	41.11 0.77 0.28	43.32 0.73 0.26	44.18 0.87 0.28	48.73 1.10 0.14	54.62 1.07 0.00	64.03 1.26 0.00	73.01 1.01 0.00	68.56 1.21 0.00	58.41 1.15 0.00	53.24 1.15 0.00	49.02 1.06 0.00	44.21 0.91 0.00

MID___OSWEGATCHIE_HYD 23849	45.89 0.72 0.00	40.33 0.64 0.00	36.45 0.40 0.00	34.02 0.27 0.00	34.27 0.41 0.00	35.46 0.46 0.00	38.51 0.72 0.00	40.25 0.52 0.00	40.23 0.28 0.00	37.68 0.00 0.00	37.09 -0.04 0.00	40.30 -0.04 0.00	40.38 -0.24 0.00	42.47 -0.39 0.00	42.89 -0.70 0.00	46.76 -1.00 0.00	52.69 -0.86 0.00	62.21 -0.57 0.00	72.29 0.29 0.00	67.95 0.61 0.00	58.00 0.74 0.00	53.14 1.04 0.00	48.97 1.01 0.00	44.17 0.87 0.00
MID___RAQUETTE_HYD 23851	45.40 0.23 0.00	39.89 0.20 0.00	36.20 0.14 0.00	33.85 0.10 0.00	34.03 0.17 0.00	35.11 0.11 0.00	38.13 0.34 0.00	39.93 0.20 0.00	39.91 -0.04 0.00	37.53 -0.15 0.00	36.94 -0.19 0.00	40.10 -0.24 0.00	40.18 -0.45 0.00	42.26 -0.60 0.00	42.54 -1.05 0.00	46.29 -1.48 0.00	52.15 -1.39 0.00	61.46 -1.32 0.00	71.65 -0.36 0.00	66.94 -0.40 0.00	57.03 -0.23 0.00	52.25 0.16 0.00	48.20 0.24 0.00	43.52 0.22 0.00
MILLIKEN___1 23584	45.89 0.72 0.00	40.49 0.79 0.00	36.67 0.61 0.00	34.25 0.51 0.00	34.47 0.61 0.00	35.67 0.67 0.00	38.62 0.83 0.00	40.41 0.68 0.00	40.55 0.60 0.00	37.99 0.30 0.00	37.32 0.19 0.00	40.54 0.20 0.00	41.03 0.41 0.00	43.46 0.60 0.00	44.28 0.70 0.00	48.44 0.67 0.00	54.40 0.86 0.00	64.10 1.32 0.00	73.59 1.58 0.00	69.43 2.09 0.00	59.09 1.83 0.00	53.55 1.46 0.00	49.26 1.30 0.00	44.43 1.13 0.00
MILLIKEN___2 23585	45.89 0.72 0.00	40.49 0.79 0.00	36.67 0.61 0.00	34.25 0.51 0.00	34.47 0.61 0.00	35.67 0.67 0.00	38.62 0.83 0.00	40.41 0.68 0.00	40.55 0.60 0.00	37.99 0.30 0.00	37.32 0.19 0.00	40.54 0.20 0.00	41.03 0.41 0.00	43.46 0.60 0.00	44.28 0.70 0.00	48.44 0.67 0.00	54.40 0.86 0.00	64.10 1.32 0.00	73.59 1.58 0.00	69.43 2.09 0.00	59.09 1.83 0.00	53.55 1.46 0.00	49.26 1.30 0.00	44.43 1.13 0.00
MILLIKEN___DIESEL 23629	45.89 0.72 0.00	40.49 0.79 0.00	36.67 0.61 0.00	34.25 0.51 0.00	34.47 0.61 0.00	35.67 0.67 0.00	38.62 0.83 0.00	40.41 0.68 0.00	40.55 0.60 0.00	37.99 0.30 0.00	37.32 0.19 0.00	40.54 0.20 0.00	41.03 0.41 0.00	43.46 0.60 0.00	44.28 0.70 0.00	48.44 0.67 0.00	54.40 0.86 0.00	64.10 1.32 0.00	73.59 1.58 0.00	69.43 2.09 0.00	59.09 1.83 0.00	53.55 1.46 0.00	49.26 1.30 0.00	44.43 1.13 0.00
MILLSEAT___LFGE 323607	44.45 -0.72 0.00	40.05 0.36 0.00	36.06 0.00 0.00	33.71 -0.03 0.00	34.00 0.14 0.00	35.18 0.18 0.00	37.18 -0.61 0.00	38.46 -1.27 0.00	38.67 -1.28 0.00	36.74 -0.94 0.00	36.28 -0.85 0.00	39.25 -1.09 0.00	40.18 -0.45 0.00	42.68 -0.17 0.00	43.72 0.13 0.00	47.20 -0.57 0.00	53.17 -0.37 0.00	62.72 -0.06 0.00	71.43 -0.58 0.00	68.16 0.81 0.00	57.89 0.63 0.00	52.10 0.00 0.00	48.54 0.58 0.00	44.17 0.87 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	48.20 3.03 0.00	42.08 2.38 0.00	38.26 2.20 0.00	35.84 2.09 0.00	35.79 1.93 0.00	37.00 2.00 0.00	40.02 2.23 0.00	42.31 2.58 0.00	42.70 2.76 0.00	40.28 2.60 0.00	43.18 2.78 -3.26	48.12 2.99 -4.79	48.88 3.13 -5.12	50.88 3.30 -4.73	52.06 3.49 -4.99	54.22 3.96 -2.49	57.78 4.23 0.00	67.30 4.52 0.00	76.04 4.03 0.00	70.91 3.57 0.00	60.12 2.86 0.00	54.86 2.76 0.00	50.70 2.73 0.00	45.86 2.55 0.00
MILLWOOD_13_KV_LOAD 356217	48.33 3.16 0.00	42.19 2.50 0.00	38.37 2.31 0.00	35.91 2.16 0.00	35.89 2.03 0.00	37.07 2.07 0.00	40.13 2.34 0.00	42.43 2.70 0.00	42.82 2.88 0.00	40.32 2.64 0.00	43.22 2.82 -3.26	48.16 3.03 -4.79	48.96 3.21 -5.12	51.01 3.43 -4.73	52.19 3.62 -4.99	54.37 4.11 -2.49	57.88 4.34 0.00	67.49 4.71 0.00	76.33 4.32 0.00	71.18 3.84 0.00	60.29 3.03 0.00	55.01 2.92 0.00	50.84 2.88 0.00	45.99 2.68 0.00
MODEL_CITY_ENERGY 24167	43.27 -1.90 0.00	39.22 -0.47 0.00	35.34 -0.72 0.00	32.91 -0.84 0.00	33.39 -0.47 0.00	34.48 -0.52 0.00	36.09 -1.70 0.00	37.07 -2.66 0.00	37.23 -2.72 0.00	35.57 -2.11 0.00	35.16 -1.97 0.00	37.96 -2.38 0.00	39.04 -1.58 0.00	41.48 -1.37 0.00	42.50 -1.09 0.00	45.85 -1.91 0.00	51.57 -1.98 0.00	60.64 -2.13 0.00	68.70 -3.31 0.00	65.53 -1.82 0.00	55.72 -1.54 0.00	50.12 -1.98 0.00	46.91 -1.06 0.00	42.95 -0.35 0.00
MODERN_LFGE___ 323580	43.27 -1.90 0.00	39.22 -0.47 0.00	35.34 -0.72 0.00	32.91 -0.84 0.00	33.39 -0.47 0.00	34.48 -0.52 0.00	36.09 -1.70 0.00	37.07 -2.66 0.00	37.23 -2.72 0.00	35.57 -2.11 0.00	35.16 -1.97 0.00	37.96 -2.38 0.00	39.04 -1.58 0.00	41.48 -1.37 0.00	42.50 -1.09 0.00	45.85 -1.91 0.00	51.57 -1.98 0.00	60.64 -2.13 0.00	68.70 -3.31 0.00	65.53 -1.82 0.00	55.72 -1.54 0.00	50.12 -1.98 0.00	46.91 -1.06 0.00	42.95 -0.35 0.00
MOHAWK_PAPER___DRP 24187	46.89 1.72 0.00	41.16 1.47 0.00	37.46 1.41 0.00	35.10 1.35 0.00	35.15 1.29 0.00	36.26 1.26 0.00	39.07 1.28 0.00	41.16 1.43 0.00	41.34 1.40 0.00	38.81 1.13 0.00	38.12 1.19 0.20	41.52 1.25 0.07	41.49 1.18 0.32	43.72 1.16 0.29	44.63 1.35 0.31	49.19 1.58 0.15	55.15 1.61 0.00	64.72 1.95 0.00	73.66 1.66 0.00	69.23 1.89 0.00	58.92 1.66 0.00	53.66 1.56 0.00	49.31 1.34 0.00	44.43 1.13 0.00
MOHICAN___35_KV_115KV_LD 80490	47.65 2.48 0.00	41.92 2.22 0.00	38.01 1.95 0.00	35.47 1.72 0.00	35.59 1.73 0.00	36.82 1.82 0.00	39.64 1.85 0.00	41.68 1.95 0.00	41.66 1.72 0.00	38.97 1.28 0.00	37.87 0.93 0.19	41.32 1.05 0.07	41.22 0.89 0.29	43.49 0.90 0.27	44.35 1.05 0.28	48.91 1.29 0.14	54.94 1.39 0.00	64.91 2.13 0.00	74.67 2.66 0.00	70.64 3.30 0.00	60.35 3.09 0.00	54.86 2.76 0.00	50.27 2.30 0.00	45.16 1.86 0.00
MONGAUP___HYD 23641	47.79 2.62 0.00	41.84 2.14 0.00	38.04 1.98 0.00	35.47 1.72 0.00	35.52 1.66 0.00	36.79 1.78 0.00	39.75 1.96 0.00	41.80 2.06 0.00	42.02 2.08 0.00	39.46 1.77 0.00	40.41 1.82 -1.46	42.75 1.90 -0.51	45.03 2.11 -2.30	47.20 2.23 -2.12	48.26 2.44 -2.23	51.70 2.82 -1.12	56.65 3.10 0.00	66.42 3.64 0.00	75.46 3.46 0.00	70.98 3.63 0.00	60.12 2.86 0.00	54.80 2.71 0.00	50.50 2.54 0.00	45.59 2.29 0.00
MONTAUK___DIESEL 23721	50.68 5.51 0.00	43.94 4.25 0.00	39.99 3.93 0.00	37.49 3.75 0.00	37.28 3.42 0.00	38.36 3.36 0.00	41.53 3.74 0.00	43.90 4.17 0.00	44.98 5.03 0.00	42.51 4.82 0.00	47.54 5.16 -5.24	51.31 5.69 -5.28	52.92 6.17 -6.12	55.36 6.86 -5.64	56.73 7.19 -5.95	58.75 7.88 -3.10	65.41 8.57 -3.30	77.20 9.10 -5.32	81.12 8.71 -0.40	74.29 6.94 -0.01	62.54 5.27 -0.01	57.67 5.57 0.00	53.53 5.56 0.00	48.37 5.07 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.63 -0.54 0.00	40.05 0.36 0.00	36.20 0.14 0.00	33.61 -0.13 0.00	34.13 0.27 0.00	35.35 0.35 0.00	37.86 0.08 0.00	39.06 -0.68 0.00	39.07 -0.88 0.00	37.19 -0.49 0.00	36.50 -0.63 0.00	39.37 -0.97 0.00	41.19 0.57 0.00	43.76 0.90 0.00	44.72 1.13 0.00	48.01 0.24 0.00	54.35 0.80 0.00	63.78 1.00 0.00	72.44 0.43 0.00	69.10 1.75 0.00	58.58 1.32 0.00	52.62 0.52 0.00	48.78 0.82 0.00	44.64 1.34 0.00

MORRIS_RIDGE___SOLAR 323848	44.49 -0.68 0.00	39.61 -0.08 0.00	35.81 -0.25 0.00	33.68 -0.07 0.00	33.79 -0.07 0.00	34.97 -0.03 0.00	37.37 -0.41 0.00	38.46 -1.27 0.00	38.35 -1.60 0.00	36.29 -1.39 0.00	35.80 -1.34 0.00	38.77 -1.57 0.00	39.65 -0.98 0.00	42.13 -0.73 0.00	43.11 -0.48 0.00	46.81 -0.95 0.00	52.58 -0.96 0.00	61.96 -0.82 0.00	70.71 -1.29 0.00	67.68 0.34 0.00	57.72 0.46 0.00	52.10 0.00 0.00	48.44 0.48 0.00	44.12 0.82 0.00
MORTIMER_115KV_TB3 55949	44.40 -0.77 0.00	39.61 -0.08 0.00	35.73 -0.32 0.00	33.24 -0.51 0.00	33.62 -0.24 0.00	34.86 -0.14 0.00	37.41 -0.38 0.00	39.06 -0.68 0.00	39.47 -0.48 0.00	37.31 -0.38 0.00	36.61 -0.52 0.00	39.70 -0.65 0.00	40.50 -0.12 0.00	42.94 0.09 0.00	43.89 0.31 0.00	47.58 -0.19 0.00	53.55 0.00 0.00	63.09 0.31 0.00	72.15 0.14 0.00	68.29 0.94 0.00	58.00 0.74 0.00	52.36 0.26 0.00	48.39 0.43 0.00	43.82 0.52 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.69 3.52 0.00	42.43 2.74 0.00	38.58 2.52 0.00	36.11 2.36 0.00	36.06 2.20 0.00	37.28 2.28 0.00	40.40 2.61 0.00	42.79 3.06 0.00	43.22 3.28 0.00	40.81 3.13 0.00	44.37 3.30 -3.93	49.18 3.55 -5.28	50.45 3.74 -6.09	52.37 3.90 -5.62	53.61 4.10 -5.93	55.36 4.63 -2.96	58.47 4.93 0.00	67.93 5.15 0.00	76.54 4.54 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.17 3.07 0.00	51.13 3.17 0.00	46.29 2.99 0.00
MUNSVILLE_WIND_PWR 323609	48.24 3.07 0.00	42.51 2.82 0.00	38.66 2.60 0.00	36.11 2.36 0.00	36.36 2.51 0.00	37.88 2.87 0.00	41.19 3.40 0.00	42.75 3.02 0.00	42.51 2.56 0.00	39.38 1.70 0.00	38.62 1.49 0.00	41.96 1.62 0.00	42.13 1.50 0.00	44.52 1.67 0.00	45.42 1.83 0.00	49.63 1.86 0.00	56.17 2.62 0.00	66.54 3.77 0.00	76.97 4.96 0.00	73.20 5.86 0.00	62.42 5.16 0.00	56.73 4.63 0.00	51.94 3.98 0.00	46.89 3.59 0.00
N SALMON___HYD 24042	45.49 0.32 0.00	39.97 0.28 0.00	36.31 0.25 0.00	33.95 0.20 0.00	34.16 0.30 0.00	35.22 0.21 0.00	38.28 0.49 0.00	40.13 0.40 0.00	40.23 0.28 0.00	37.87 0.19 0.00	37.28 0.15 0.00	40.38 0.04 0.00	40.54 -0.08 0.00	42.60 -0.26 0.00	42.98 -0.61 0.00	47.00 -0.77 0.00	53.01 -0.54 0.00	62.53 -0.25 0.00	72.94 0.93 0.00	68.09 0.74 0.00	57.95 0.69 0.00	52.67 0.57 0.00	48.44 0.48 0.00	43.69 0.39 0.00
N.AKRON__115KV_KNAPP 355671	44.40 -0.77 0.00	40.01 0.32 0.00	36.02 -0.04 0.00	33.44 -0.30 0.00	33.66 -0.20 0.00	34.86 -0.14 0.00	37.07 -0.72 0.00	38.06 -1.67 0.00	38.39 -1.56 0.00	36.48 -1.21 0.00	35.72 -1.41 0.00	38.53 -1.82 0.00	39.93 -0.69 0.00	42.51 -0.34 0.00	43.50 -0.09 0.00	46.72 -1.05 0.00	52.80 -0.75 0.00	62.34 -0.44 0.00	70.85 -1.15 0.00	67.61 0.27 0.00	57.43 0.17 0.00	51.63 -0.47 0.00	48.06 0.10 0.00	43.95 0.65 0.00
N.E_GEN_SANDY PD 24062	47.29 2.12 0.00	41.52 1.83 0.00	37.75 1.70 0.00	35.30 1.55 0.00	35.38 1.53 0.00	36.51 1.50 0.00	39.34 1.55 0.00	41.60 1.87 0.00	40.30 1.84 1.49	40.83 1.66 -1.49	38.40 1.63 0.36	41.91 1.69 0.13	41.88 1.83 0.57	44.21 1.88 0.52	45.08 2.05 0.55	48.37 2.39 1.78	57.51 2.46 -1.50	65.61 2.83 0.00	74.46 2.45 0.00	69.70 2.36 0.00	59.26 2.00 0.00	54.13 2.03 0.00	49.73 1.78 0.00	44.82 1.51 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.06 2.89 0.00	42.00 2.30 0.00	38.22 2.16 0.00	35.77 2.02 0.00	35.72 1.86 0.00	36.93 1.93 0.00	39.90 2.12 0.00	42.20 2.46 0.00	42.58 2.64 0.00	40.17 2.49 0.00	42.33 2.67 -2.52	43.63 2.82 -0.47	47.59 3.01 -3.96	49.72 3.21 -3.65	50.84 3.40 -3.85	53.61 3.92 -1.92	57.72 4.18 0.00	67.30 4.52 0.00	75.97 3.96 0.00	70.98 3.64 0.00	60.12 2.86 0.00	54.80 2.71 0.00	50.65 2.69 0.00	45.81 2.51 0.00
N.QUEENS_27_KV_LOAD 356247	49.19 4.02 0.00	42.87 3.18 0.00	39.05 2.99 0.00	36.52 2.77 0.00	36.50 2.64 0.00	37.52 2.52 0.00	40.70 2.91 0.00	42.87 3.14 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.43 3.38 -3.92	49.33 3.71 -5.28	50.44 3.74 -6.08	52.40 3.94 -5.61	53.47 3.97 -5.91	55.50 4.78 -2.95	58.74 5.19 0.00	68.05 5.27 0.00	76.62 4.61 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.01 2.92 0.00	51.13 3.17 0.00	46.85 3.55 0.00
N.TROY___115KV_TB1 355778	47.20 2.03 0.00	41.44 1.75 0.00	37.68 1.62 0.00	35.23 1.48 0.00	35.28 1.42 0.00	36.47 1.47 0.00	39.30 1.51 0.00	41.40 1.67 0.00	41.54 1.60 0.00	39.00 1.32 0.00	38.23 1.30 0.20	41.64 1.37 0.07	41.64 1.34 0.32	43.93 1.37 0.29	44.80 1.53 0.31	49.47 1.86 0.16	55.47 1.93 0.00	65.10 2.32 0.00	74.24 2.23 0.00	69.70 2.36 0.00	59.38 2.12 0.00	54.08 1.98 0.00	49.69 1.73 0.00	44.73 1.43 0.00
NARROWS_GT1_1 24228	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.35 3.66 -6.07	52.31 3.86 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NARROWS_GT1_2 24229	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.35 3.66 -6.07	52.31 3.86 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NARROWS_GT1_3 24230	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.35 3.66 -6.07	52.31 3.86 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NARROWS_GT1_4 24231	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.35 3.66 -6.07	52.31 3.86 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NARROWS_GT1_5 24232	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.35 3.66 -6.07	52.31 3.86 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00

NARROWS_GT1_6 24233	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.35 3.66 -6.07	52.31 3.86 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NARROWS_GT1_7 24234	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.35 3.66 -6.07	52.31 3.86 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NARROWS_GT1_8 24235	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.35 3.66 -6.07	52.31 3.86 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NARROWS_GT2_1 24236	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.36 3.66 -6.08	52.32 3.86 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NARROWS_GT2_2 24237	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.36 3.66 -6.08	52.32 3.86 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NARROWS_GT2_3 24238	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.36 3.66 -6.08	52.32 3.86 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NARROWS_GT2_4 24239	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.36 3.66 -6.08	52.32 3.86 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NARROWS_GT2_5 24240	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.36 3.66 -6.08	52.32 3.86 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NARROWS_GT2_6 24241	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.36 3.66 -6.08	52.32 3.86 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NARROWS_GT2_7 24242	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.36 3.66 -6.08	52.32 3.86 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NARROWS_GT2_8 24243	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.36 3.66 -6.08	52.32 3.86 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.31 3.97 0.01	60.17 2.92 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.29 2.12 0.00	41.52 1.83 0.00	37.79 1.73 0.00	35.33 1.59 0.00	35.35 1.49 0.00	36.54 1.54 0.00	39.38 1.59 0.00	41.24 1.51 0.00	41.22 1.28 0.00	38.51 0.83 0.00	37.73 0.74 0.14	41.05 0.77 0.05	41.13 0.73 0.22	43.38 0.73 0.21	44.29 0.92 0.22	48.90 1.24 0.11	54.89 1.34 0.00	64.79 2.01 0.00	74.10 2.09 0.00	70.04 2.69 0.00	59.55 2.29 0.00	54.23 2.14 0.00	49.79 1.82 0.00	44.77 1.47 0.00
NCHELSEA_115KV_TR2 355582	48.20 3.03 0.00	42.11 2.42 0.00	38.29 2.24 0.00	35.81 2.06 0.00	35.79 1.93 0.00	37.00 2.00 0.00	40.02 2.23 0.00	42.24 2.50 0.00	42.58 2.64 0.00	39.98 2.30 0.00	39.38 2.38 0.13	42.78 2.54 0.11	43.18 2.76 0.20	45.58 2.91 0.19	46.53 3.14 0.20	51.30 3.63 0.10	57.40 3.86 0.00	67.17 4.39 0.00	76.11 4.10 0.00	71.32 3.97 0.00	60.41 3.15 0.00	55.12 3.02 0.00	50.84 2.88 0.00	45.86 2.55 0.00
NEG CAPITAL___MECHNVIL 23645	47.74 2.57 0.00	41.95 2.26 0.00	38.11 2.05 0.00	35.54 1.79 0.00	35.69 1.83 0.00	36.89 1.89 0.00	39.68 1.89 0.00	41.76 2.03 0.00	41.86 1.92 0.00	39.23 1.55 0.00	38.35 1.41 0.19	41.81 1.53 0.07	41.82 1.50 0.30	44.20 1.63 0.28	45.08 1.79 0.29	49.72 2.10 0.15	55.80 2.25 0.00	65.73 2.95 0.00	75.17 3.16 0.00	70.84 3.50 0.00	60.35 3.09 0.00	54.91 2.81 0.00	50.36 2.40 0.00	45.34 2.04 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.13 -1.04 0.00	39.10 -0.59 0.00	35.30 -0.76 0.00	33.14 -0.61 0.00	33.18 -0.68 0.00	34.41 -0.60 0.00	37.07 -0.72 0.00	38.82 -0.91 0.00	39.11 -0.84 0.00	36.89 -0.79 0.00	36.39 -0.74 0.00	39.54 -0.81 0.00	40.01 -0.61 0.00	42.38 -0.47 0.00	43.28 -0.30 0.00	47.10 -0.67 0.00	52.91 -0.64 0.00	62.34 -0.44 0.00	71.36 -0.65 0.00	67.48 0.13 0.00	57.32 0.06 0.00	51.79 -0.31 0.00	47.87 -0.10 0.00	43.17 -0.13 0.00

NEG CENTRAL___DRP 24199	45.17 0.00 0.00	39.97 0.28 0.00	36.17 0.11 0.00	33.71 -0.03 0.00	33.99 0.14 0.00	35.21 0.21 0.00	38.05 0.26 0.00	39.81 0.08 0.00	40.07 0.12 0.00	37.65 -0.04 0.00	36.98 -0.15 0.00	40.18 -0.16 0.00	40.79 0.16 0.00	43.20 0.34 0.00	44.07 0.48 0.00	48.10 0.33 0.00	53.87 0.32 0.00	63.53 0.75 0.00	72.80 0.79 0.00	68.76 1.41 0.00	58.46 1.20 0.00	52.88 0.78 0.00	48.78 0.82 0.00	44.08 0.78 0.00
NEG CENTRAL___INDECK 23768	45.98 0.81 0.00	40.93 1.23 0.00	36.89 0.83 0.00	34.66 0.91 0.00	34.74 0.88 0.00	36.05 1.05 0.00	38.69 0.91 0.00	40.09 0.36 0.00	39.95 0.00 0.00	37.57 -0.11 0.00	36.87 -0.26 0.00	40.02 -0.32 0.00	40.70 0.08 0.00	43.24 0.38 0.00	44.33 0.74 0.00	48.20 0.43 0.00	52.58 -0.96 0.00	62.15 -0.63 0.00	71.65 -0.36 0.00	68.62 1.28 0.00	58.63 1.37 0.00	52.88 0.78 0.00	50.46 2.49 0.00	45.55 2.25 0.00
NEG CENTRAL___SENECA 23627	45.26 0.09 0.00	40.13 0.44 0.00	36.27 0.22 0.00	33.82 0.07 0.00	34.13 0.27 0.00	35.39 0.39 0.00	38.20 0.42 0.00	39.85 0.12 0.00	40.11 0.16 0.00	37.68 0.00 0.00	36.98 -0.15 0.00	40.18 -0.16 0.00	40.91 0.28 0.00	43.37 0.51 0.00	44.28 0.70 0.00	48.20 0.43 0.00	54.03 0.48 0.00	63.78 1.00 0.00	73.01 1.01 0.00	69.16 1.82 0.00	58.81 1.55 0.00	53.09 0.99 0.00	49.07 1.10 0.00	44.38 1.08 0.00
NEG CENTRAL___STATE_STREET 24147	45.40 0.23 0.00	40.01 0.32 0.00	36.24 0.18 0.00	33.82 0.07 0.00	34.06 0.20 0.00	35.25 0.25 0.00	38.17 0.38 0.00	40.01 0.28 0.00	40.23 0.28 0.00	37.76 0.08 0.00	37.13 0.00 0.00	40.38 0.04 0.00	40.83 0.20 0.00	43.24 0.39 0.00	44.07 0.48 0.00	48.20 0.43 0.00	54.08 0.54 0.00	63.66 0.88 0.00	73.01 1.01 0.00	68.83 1.48 0.00	58.52 1.26 0.00	53.03 0.94 0.00	48.78 0.82 0.00	43.95 0.65 0.00
NEG MILLWOOD___DRP 24198	48.38 3.21 0.00	42.27 2.58 0.00	38.47 2.42 0.00	35.98 2.23 0.00	35.96 2.10 0.00	37.17 2.17 0.00	40.21 2.42 0.00	42.47 2.74 0.00	42.78 2.84 0.00	40.17 2.49 0.00	39.35 2.60 0.38	43.03 2.82 0.14	43.07 3.05 0.60	45.60 3.30 0.55	46.45 3.44 0.58	51.44 3.96 0.29	57.67 4.12 0.00	67.61 4.83 0.00	76.69 4.68 0.00	71.59 4.24 0.00	60.64 3.38 0.00	55.33 3.23 0.00	51.03 3.07 0.00	46.07 2.77 0.00
NEG NORTH_FLCN_SEA 23793	45.40 0.23 0.00	39.93 0.24 0.00	36.27 0.22 0.00	33.95 0.20 0.00	34.13 0.27 0.00	35.18 0.18 0.00	38.20 0.42 0.00	40.57 0.83 0.00	40.67 0.72 0.00	38.33 0.64 0.00	37.69 0.56 0.00	40.79 0.44 0.00	40.95 0.32 0.00	42.98 0.13 0.00	43.46 -0.13 0.00	47.62 -0.14 0.00	53.71 0.16 0.00	63.34 0.56 0.00	73.81 1.80 0.00	68.96 1.62 0.00	58.63 1.37 0.00	53.24 1.15 0.00	48.97 1.01 0.00	44.17 0.87 0.00
NEG NORTH_KES_CHATEGAY 23792	44.90 -0.27 0.00	39.46 -0.24 0.00	35.88 -0.18 0.00	33.58 -0.17 0.00	33.76 -0.10 0.00	34.79 -0.21 0.00	37.75 -0.04 0.00	39.57 -0.16 0.00	39.67 -0.28 0.00	37.38 -0.30 0.00	36.76 -0.37 0.00	39.86 -0.48 0.00	39.97 -0.65 0.00	42.00 -0.86 0.00	42.45 -1.13 0.00	46.52 -1.24 0.00	52.37 -1.18 0.00	61.71 -1.07 0.00	71.93 -0.07 0.00	67.14 -0.20 0.00	57.15 -0.11 0.00	51.89 -0.21 0.00	47.77 -0.19 0.00	43.17 -0.13 0.00
NEG NORTH___ALICE_FALLS 23915	45.53 0.36 0.00	40.05 0.36 0.00	36.38 0.32 0.00	34.05 0.30 0.00	34.23 0.37 0.00	35.25 0.25 0.00	38.32 0.53 0.00	40.61 0.87 0.00	40.71 0.76 0.00	38.33 0.64 0.00	37.65 0.52 0.00	40.79 0.44 0.00	40.95 0.32 0.00	42.98 0.13 0.00	43.46 -0.13 0.00	47.62 -0.14 0.00	53.71 0.16 0.00	63.41 0.63 0.00	73.95 1.94 0.00	69.10 1.75 0.00	58.81 1.55 0.00	53.35 1.25 0.00	49.02 1.06 0.00	44.21 0.91 0.00
NEG NORTH___LWR_SARANAC 23913	45.53 0.36 0.00	40.05 0.36 0.00	36.38 0.32 0.00	34.05 0.30 0.00	34.23 0.37 0.00	35.25 0.25 0.00	38.32 0.53 0.00	40.61 0.87 0.00	40.71 0.76 0.00	38.33 0.64 0.00	37.65 0.52 0.00	40.79 0.44 0.00	40.95 0.32 0.00	42.98 0.13 0.00	43.46 -0.13 0.00	47.62 -0.14 0.00	53.71 0.16 0.00	63.41 0.63 0.00	73.95 1.94 0.00	69.10 1.75 0.00	58.81 1.55 0.00	53.35 1.25 0.00	49.02 1.06 0.00	44.21 0.91 0.00
NEG NORTH___PLATTSBURG 23628	45.53 0.36 0.00	40.05 0.36 0.00	36.38 0.32 0.00	34.02 0.27 0.00	34.23 0.37 0.00	35.25 0.25 0.00	38.32 0.53 0.00	40.61 0.87 0.00	40.70 0.76 0.00	38.32 0.64 0.00	37.65 0.52 0.00	40.79 0.44 0.00	40.95 0.32 0.00	42.98 0.13 0.00	43.46 -0.13 0.00	47.62 -0.14 0.00	53.71 0.16 0.00	63.41 0.63 0.00	73.95 1.94 0.00	69.09 1.75 0.00	58.81 1.55 0.00	53.34 1.25 0.00	49.02 1.05 0.00	44.21 0.91 0.00
NEG WEST_LEA_LOCKPORT 23791	43.68 -1.49 0.00	39.38 -0.32 0.00	35.48 -0.58 0.00	32.94 -0.81 0.00	33.22 -0.64 0.00	34.34 -0.67 0.00	36.50 -1.28 0.00	37.35 -2.38 0.00	37.63 -2.32 0.00	35.88 -1.81 0.00	35.13 -2.01 0.00	37.84 -2.50 0.00	39.36 -1.26 0.00	41.91 -0.94 0.00	42.93 -0.65 0.00	46.05 -1.72 0.00	51.99 -1.55 0.00	61.27 -1.51 0.00	69.49 -2.52 0.00	66.27 -1.08 0.00	56.34 -0.92 0.00	50.64 -1.46 0.00	47.24 -0.72 0.00	43.34 0.04 0.00
NEG WEST___LANCASTR 23811	43.36 -1.81 0.00	38.90 -0.79 0.00	35.08 -0.97 0.00	32.63 -1.11 0.00	33.05 -0.81 0.00	34.16 -0.84 0.00	36.50 -1.28 0.00	37.27 -2.46 0.00	37.39 -2.56 0.00	35.61 -2.07 0.00	34.98 -2.15 0.00	37.68 -2.66 0.00	39.28 -1.34 0.00	41.83 -1.03 0.00	42.85 -0.74 0.00	46.19 -1.58 0.00	52.21 -1.34 0.00	61.52 -1.26 0.00	69.63 -2.38 0.00	66.40 -0.94 0.00	56.29 -0.97 0.00	50.59 -1.51 0.00	46.96 -1.01 0.00	43.26 -0.04 0.00
NEG_PENN_ALLEGHNY 23528	45.58 0.41 0.00	40.21 0.51 0.00	36.42 0.36 0.00	34.15 0.41 0.00	34.27 0.41 0.00	35.43 0.42 0.00	38.20 0.42 0.00	39.97 0.24 0.00	40.23 0.28 0.00	37.87 0.19 0.00	37.35 0.22 0.00	40.59 0.24 0.00	41.11 0.49 0.00	43.50 0.64 0.00	44.41 0.83 0.00	48.53 0.76 0.00	54.51 0.96 0.00	63.97 1.19 0.00	73.01 1.01 0.00	68.82 1.48 0.00	58.52 1.26 0.00	53.03 0.94 0.00	48.87 0.91 0.00	44.25 0.95 0.00
NEG___GEN_MONROE 24207	44.45 -0.72 0.00	39.69 0.00 0.00	35.77 -0.29 0.00	33.28 -0.47 0.00	33.66 -0.20 0.00	34.90 -0.11 0.00	37.45 -0.34 0.00	38.98 -0.75 0.00	39.35 -0.60 0.00	37.19 -0.49 0.00	36.50 -0.63 0.00	39.53 -0.81 0.00	40.42 -0.20 0.00	42.86 0.00 0.00	43.85 0.26 0.00	47.43 -0.33 0.00	53.44 -0.11 0.00	63.03 0.25 0.00	72.01 0.00 0.00	68.35 1.01 0.00	58.00 0.74 0.00	52.41 0.31 0.00	48.44 0.48 0.00	43.99 0.69 0.00
NEPA___ENERGY 23901	44.13 -1.04 0.00	39.57 -0.12 0.00	35.70 -0.36 0.00	33.21 -0.54 0.00	33.69 -0.17 0.00	34.79 -0.21 0.00	37.15 -0.64 0.00	38.10 -1.63 0.00	38.15 -1.80 0.00	36.33 -1.36 0.00	35.72 -1.41 0.00	38.49 -1.86 0.00	40.14 -0.49 0.00	42.73 -0.13 0.00	43.81 0.22 0.00	47.19 -0.57 0.00	53.39 -0.16 0.00	62.97 0.19 0.00	71.21 -0.79 0.00	67.88 0.54 0.00	57.55 0.29 0.00	51.78 -0.31 0.00	48.06 0.10 0.00	44.04 0.74 0.00

NEVERSINK___HYD 23608	47.56 2.39 0.00	41.64 1.94 0.00	37.86 1.80 0.00	35.34 1.59 0.00	35.38 1.53 0.00	36.62 1.61 0.00	39.60 1.81 0.00	41.76 2.03 0.00	42.06 2.12 0.00	39.49 1.81 0.00	39.34 1.86 -0.35	42.44 1.98 -0.12	43.33 2.15 -0.55	45.63 2.27 -0.51	46.61 2.48 -0.54	50.90 2.87 -0.27	56.71 3.16 0.00	66.42 3.64 0.00	75.46 3.46 0.00	70.78 3.43 0.00	59.90 2.64 0.00	54.65 2.55 0.00	50.31 2.35 0.00	45.42 2.12 0.00
NEWKRMKL_115KV_TB1 55635	46.39 1.22 0.00	40.69 0.99 0.00	37.10 1.05 0.00	34.79 1.05 0.00	34.81 0.95 0.00	35.95 0.95 0.00	38.70 0.91 0.00	40.77 1.03 0.00	40.95 1.00 0.00	38.48 0.79 0.00	37.79 0.85 0.20	41.16 0.89 0.07	41.12 0.81 0.31	43.30 0.73 0.29	44.20 0.92 0.30	48.71 1.10 0.15	54.62 1.07 0.00	64.03 1.26 0.00	72.87 0.86 0.00	68.42 1.08 0.00	58.18 0.92 0.00	53.03 0.94 0.00	48.73 0.77 0.00	43.91 0.61 0.00
NEWTON___FALLS_HYD 23847	45.89 0.72 0.00	40.33 0.64 0.00	36.45 0.40 0.00	34.02 0.27 0.00	34.27 0.41 0.00	35.46 0.46 0.00	38.51 0.72 0.00	40.25 0.52 0.00	40.23 0.28 0.00	37.68 0.00 0.00	37.09 -0.04 0.00	40.30 -0.04 0.00	40.38 -0.24 0.00	42.47 -0.39 0.00	42.89 -0.70 0.00	46.76 -1.00 0.00	52.69 -0.86 0.00	62.21 -0.57 0.00	72.29 0.29 0.00	67.95 0.61 0.00	58.00 0.74 0.00	53.14 1.04 0.00	48.97 1.01 0.00	44.17 0.87 0.00
NGRID_A1_DSASP 323792	43.59 -1.58 0.00	38.38 -1.31 0.00	34.55 -1.51 0.00	33.21 -0.54 0.00	32.64 -1.22 0.00	33.71 -1.29 0.00	35.86 -1.93 0.00	36.75 -2.98 0.00	36.91 -3.04 0.00	35.31 -2.37 0.00	34.90 -2.23 0.00	37.68 -2.66 0.00	38.71 -1.91 0.00	41.18 -1.67 0.00	42.15 -1.44 0.00	45.47 -2.29 0.00	51.14 -2.41 0.00	60.08 -2.70 0.00	67.98 -4.03 0.00	64.79 -2.56 0.00	55.08 -2.18 0.00	49.54 -2.55 0.00	46.48 -1.49 0.00	42.48 -0.82 0.00
NGRID_A2_DSASP 323793	43.59 -1.58 0.00	38.38 -1.31 0.00	34.55 -1.51 0.00	33.21 -0.54 0.00	32.64 -1.22 0.00	33.71 -1.29 0.00	35.86 -1.93 0.00	36.75 -2.98 0.00	36.91 -3.04 0.00	35.31 -2.37 0.00	34.90 -2.23 0.00	37.68 -2.66 0.00	38.71 -1.91 0.00	41.18 -1.67 0.00	42.15 -1.44 0.00	45.47 -2.29 0.00	51.14 -2.41 0.00	60.08 -2.70 0.00	67.98 -4.03 0.00	64.79 -2.56 0.00	55.08 -2.18 0.00	49.54 -2.55 0.00	46.48 -1.49 0.00	42.48 -0.82 0.00
NGRID_A4_DSASP 323807	43.59 -1.58 0.00	38.38 -1.31 0.00	34.55 -1.51 0.00	33.21 -0.54 0.00	32.64 -1.22 0.00	33.71 -1.29 0.00	35.86 -1.93 0.00	36.75 -2.98 0.00	36.91 -3.04 0.00	35.31 -2.37 0.00	34.90 -2.23 0.00	37.68 -2.66 0.00	38.71 -1.91 0.00	41.18 -1.67 0.00	42.15 -1.44 0.00	45.47 -2.29 0.00	51.14 -2.41 0.00	60.08 -2.70 0.00	67.98 -4.03 0.00	64.79 -2.56 0.00	55.08 -2.18 0.00	49.54 -2.55 0.00	46.48 -1.49 0.00	42.48 -0.82 0.00
NIAGARA_115E_LBMP 323715	43.05 -2.12 0.00	39.10 -0.59 0.00	35.23 -0.83 0.00	32.74 -1.01 0.00	33.28 -0.58 0.00	34.38 -0.63 0.00	35.86 -1.93 0.00	36.83 -2.90 0.00	36.99 -2.96 0.00	35.38 -2.30 0.00	34.98 -2.15 0.00	37.76 -2.58 0.00	38.80 -1.83 0.00	41.27 -1.58 0.00	42.24 -1.35 0.00	45.57 -2.20 0.00	51.30 -2.25 0.00	60.27 -2.51 0.00	68.26 -3.75 0.00	65.12 -2.22 0.00	55.31 -1.95 0.00	49.75 -2.34 0.00	46.62 -1.34 0.00	42.74 -0.56 0.00
NIAGARA_115W_LBMP 323714	43.55 -1.62 0.00	38.30 -1.39 0.00	34.44 -1.62 0.00	33.17 -0.57 0.00	32.54 -1.32 0.00	33.60 -1.40 0.00	35.78 -2.00 0.00	36.63 -3.10 0.00	36.79 -3.16 0.00	35.20 -2.49 0.00	34.79 -2.34 0.00	37.56 -2.78 0.00	38.59 -2.03 0.00	41.06 -1.80 0.00	42.02 -1.57 0.00	45.33 -2.43 0.00	50.98 -2.57 0.00	59.89 -2.89 0.00	67.83 -4.18 0.00	64.65 -2.70 0.00	54.97 -2.29 0.00	49.44 -2.65 0.00	46.33 -1.63 0.00	42.39 -0.91 0.00
NIAGARA_230_LBMP 323716	43.50 -1.67 0.00	38.86 -0.84 0.00	34.98 -1.08 0.00	33.07 -0.67 0.00	33.05 -0.81 0.00	34.09 -0.91 0.00	36.16 -1.62 0.00	37.19 -2.54 0.00	37.35 -2.60 0.00	35.69 -2.00 0.00	35.31 -1.82 0.00	38.12 -2.22 0.00	39.12 -1.50 0.00	41.61 -1.24 0.00	42.63 -0.96 0.00	46.00 -1.77 0.00	51.73 -1.82 0.00	60.77 -2.01 0.00	68.84 -3.17 0.00	65.59 -1.75 0.00	55.77 -1.49 0.00	50.17 -1.93 0.00	46.95 -1.01 0.00	42.95 -0.35 0.00
NIAGARA___115KV_198_GIBSON 55903	42.46 -2.71 0.00	38.30 -1.39 0.00	34.44 -1.62 0.00	31.99 -1.75 0.00	33.15 -0.71 0.00	34.23 -0.77 0.00	35.67 -2.12 0.00	36.47 -3.26 0.00	36.79 -3.16 0.00	35.16 -2.52 0.00	34.38 -2.75 0.00	37.03 -3.31 0.00	38.55 -2.07 0.00	41.06 -1.80 0.00	42.02 -1.57 0.00	45.09 -2.67 0.00	50.87 -2.68 0.00	59.89 -2.89 0.00	67.83 -4.18 0.00	64.58 -2.76 0.00	54.91 -2.35 0.00	49.39 -2.71 0.00	46.19 -1.77 0.00	42.35 -0.95 0.00
NIAGARA____ 23760	43.50 -1.67 0.00	38.86 -0.84 0.00	34.98 -1.08 0.00	33.07 -0.67 0.00	33.05 -0.81 0.00	34.09 -0.91 0.00	36.16 -1.62 0.00	37.19 -2.54 0.00	37.35 -2.60 0.00	35.69 -2.00 0.00	35.31 -1.82 0.00	38.12 -2.22 0.00	39.12 -1.50 0.00	41.61 -1.24 0.00	42.63 -0.96 0.00	46.00 -1.77 0.00	51.73 -1.82 0.00	60.77 -2.01 0.00	68.84 -3.17 0.00	65.59 -1.75 0.00	55.77 -1.49 0.00	50.17 -1.93 0.00	46.95 -1.01 0.00	42.95 -0.35 0.00
NINE_MILE_1 23575	43.86 -1.31 0.00	38.62 -1.07 0.00	35.05 -1.01 0.00	32.80 -0.94 0.00	32.91 -0.95 0.00	34.06 -0.94 0.00	36.77 -1.02 0.00	38.62 -1.11 0.00	38.87 -1.08 0.00	36.59 -1.09 0.00	36.05 -1.08 0.00	39.17 -1.17 0.00	39.49 -1.14 0.00	41.74 -1.11 0.00	42.54 -1.05 0.00	46.57 -1.19 0.00	52.15 -1.39 0.00	61.27 -1.51 0.00	70.07 -1.94 0.00	65.80 -1.55 0.00	56.00 -1.26 0.00	50.90 -1.20 0.00	46.86 -1.10 0.00	42.26 -1.04 0.00
NINE_MILE_2 23744	43.91 -1.26 0.00	38.62 -1.07 0.00	35.05 -1.01 0.00	32.84 -0.91 0.00	32.91 -0.95 0.00	34.06 -0.94 0.00	36.77 -1.02 0.00	38.62 -1.11 0.00	38.87 -1.08 0.00	36.59 -1.09 0.00	36.05 -1.08 0.00	39.17 -1.17 0.00	39.49 -1.14 0.00	41.74 -1.11 0.00	42.54 -1.05 0.00	46.57 -1.19 0.00	52.21 -1.34 0.00	61.27 -1.51 0.00	70.07 -1.94 0.00	65.80 -1.55 0.00	56.00 -1.26 0.00	50.90 -1.20 0.00	46.86 -1.10 0.00	42.26 -1.04 0.00
NM_CAPITAL___DRP 24208	46.53 1.36 0.00	40.81 1.11 0.00	37.21 1.15 0.00	34.86 1.11 0.00	34.91 1.05 0.00	36.02 1.02 0.00	38.81 1.02 0.00	40.88 1.15 0.00	41.07 1.12 0.00	38.63 0.94 0.00	37.89 0.97 0.20	41.28 1.01 0.07	41.24 0.93 0.32	43.42 0.86 0.29	44.28 1.00 0.31	48.85 1.24 0.15	54.78 1.23 0.00	64.16 1.38 0.00	73.01 1.01 0.00	68.49 1.14 0.00	58.29 1.03 0.00	53.14 1.04 0.00	48.87 0.91 0.00	44.04 0.74 0.00
NM_CENTRAL___DRP 24181	44.63 -0.54 0.00	39.34 -0.36 0.00	35.66 -0.40 0.00	33.31 -0.44 0.00	33.49 -0.37 0.00	34.65 -0.35 0.00	37.45 -0.34 0.00	39.33 -0.40 0.00	39.59 -0.36 0.00	37.27 -0.41 0.00	36.65 -0.48 0.00	39.86 -0.48 0.00	40.26 -0.37 0.00	42.60 -0.26 0.00	43.41 -0.17 0.00	47.48 -0.29 0.00	53.23 -0.32 0.00	62.53 -0.25 0.00	71.57 -0.43 0.00	67.28 -0.07 0.00	57.20 -0.06 0.00	51.94 -0.16 0.00	47.77 -0.19 0.00	43.08 -0.22 0.00

NM_FRONTIER___DRP 24179	42.46 -2.71 0.00	38.30 -1.39 0.00	34.44 -1.62 0.00	31.99 -1.75 0.00	33.15 -0.71 0.00	34.23 -0.77 0.00	35.67 -2.12 0.00	36.47 -3.26 0.00	36.79 -3.16 0.00	35.16 -2.52 0.00	34.38 -2.75 0.00	37.03 -3.31 0.00	38.55 -2.07 0.00	41.06 -1.80 0.00	42.02 -1.57 0.00	45.09 -2.67 0.00	50.87 -2.68 0.00	59.89 -2.89 0.00	67.83 -4.18 0.00	64.58 -2.76 0.00	54.91 -2.35 0.00	49.39 -2.71 0.00	46.19 -1.77 0.00	42.35 -0.95 0.00
NM_ST_REGIS___HYD 24053	45.44 0.27 0.00	39.93 0.24 0.00	36.24 0.18 0.00	33.88 0.13 0.00	34.10 0.24 0.00	35.14 0.14 0.00	38.20 0.42 0.00	40.01 0.28 0.00	40.03 0.08 0.00	37.65 -0.04 0.00	37.06 -0.07 0.00	40.18 -0.16 0.00	40.30 -0.32 0.00	42.34 -0.51 0.00	42.67 -0.92 0.00	46.48 -1.29 0.00	52.37 -1.18 0.00	61.77 -1.00 0.00	72.08 0.07 0.00	67.34 0.00 0.00	57.32 0.06 0.00	52.36 0.26 0.00	48.30 0.34 0.00	43.60 0.30 0.00
NORTHPORT___1 23551	49.47 4.29 -0.01	43.15 3.45 -0.01	39.24 3.17 -0.01	36.62 2.87 0.00	36.47 2.61 0.00	37.63 2.63 0.00	40.96 3.17 0.00	43.35 3.62 0.00	43.91 3.96 -0.01	41.42 3.73 -0.01	46.09 3.71 -5.24	49.54 3.91 -5.28	50.81 4.06 -6.13	52.58 4.07 -5.65	53.65 4.10 -5.96	54.74 4.15 -2.82	54.74 4.23 3.04	59.09 4.02 7.71	72.12 3.16 3.05	65.66 2.22 3.90	58.63 1.37 0.00	53.97 1.87 0.00	51.27 3.31 0.00	46.98 3.68 0.00
NORTHPORT___2 23552	49.47 4.29 -0.01	43.15 3.45 -0.01	39.24 3.17 -0.01	36.62 2.87 0.00	36.47 2.61 0.00	37.63 2.63 0.00	40.96 3.17 0.00	43.35 3.62 0.00	43.91 3.96 -0.01	41.42 3.73 -0.01	46.09 3.71 -5.24	49.54 3.91 -5.28	50.81 4.06 -6.13	52.58 4.07 -5.65	53.65 4.10 -5.96	54.74 4.15 -2.82	54.74 4.23 3.04	59.09 4.02 7.71	72.12 3.16 3.05	65.66 2.22 3.90	58.63 1.37 0.00	53.97 1.87 0.00	51.27 3.31 0.00	46.98 3.68 0.00
NORTHPORT___3 23553	49.06 3.89 -0.01	42.68 2.98 -0.01	38.77 2.71 -0.01	36.14 2.40 0.00	35.96 2.10 0.00	37.14 2.14 0.00	40.39 2.61 0.00	42.83 3.10 0.00	43.47 3.52 -0.01	41.05 3.35 -0.01	45.83 3.45 -5.24	49.34 3.71 -5.28	50.49 3.73 -6.13	52.02 3.51 -5.65	52.73 3.18 -5.96	54.06 3.49 -2.81	54.41 3.32 2.46	57.70 2.64 7.72	70.62 1.58 2.96	64.03 0.60 3.92	57.19 -0.06 0.01	52.41 0.31 0.00	50.79 2.83 0.00	46.46 3.16 0.00
NORTHPORT___4 23650	49.06 3.89 -0.01	42.68 2.98 -0.01	38.77 2.71 -0.01	36.14 2.40 0.00	35.96 2.10 0.00	37.14 2.14 0.00	40.39 2.61 0.00	42.83 3.10 0.00	43.47 3.52 -0.01	41.05 3.35 -0.01	45.83 3.45 -5.24	49.34 3.71 -5.28	50.49 3.73 -6.13	52.02 3.51 -5.65	52.73 3.18 -5.96	54.06 3.49 -2.81	54.41 3.32 2.46	57.70 2.64 7.72	70.62 1.58 2.96	64.03 0.60 3.92	57.19 -0.06 0.01	52.41 0.31 0.00	50.79 2.83 0.00	46.46 3.16 0.00
NORTHPORT___IC 23718	49.55 4.38 0.00	43.15 3.45 0.00	39.23 3.17 0.00	36.72 2.97 0.00	36.47 2.61 0.00	37.63 2.63 0.00	40.85 3.06 0.00	43.23 3.50 0.00	43.86 3.91 0.00	41.34 3.66 0.00	46.13 3.75 -5.24	49.54 3.91 -5.28	50.76 4.02 -6.12	52.48 3.99 -5.64	53.64 4.10 -5.95	54.73 4.16 -2.81	54.79 4.28 3.04	59.09 4.02 7.71	72.12 3.17 3.05	65.66 2.22 3.90	58.86 1.60 0.00	54.91 2.81 0.00	51.70 3.74 0.00	46.98 3.68 0.00
NORTH___COUNTRY_ESR 323785	44.81 -0.36 0.00	39.37 -0.32 0.00	35.77 -0.29 0.00	33.48 -0.27 0.00	33.66 -0.20 0.00	34.72 -0.28 0.00	37.68 -0.11 0.00	39.53 -0.20 0.00	39.63 -0.32 0.00	37.38 -0.30 0.00	36.76 -0.37 0.00	39.86 -0.48 0.00	39.97 -0.65 0.00	42.00 -0.86 0.00	42.45 -1.13 0.00	46.52 -1.24 0.00	52.37 -1.18 0.00	61.65 -1.13 0.00	71.79 -0.22 0.00	66.94 -0.40 0.00	56.92 -0.34 0.00	51.73 -0.36 0.00	47.68 -0.29 0.00	43.04 -0.26 0.00
NPX_GEN_1385_PROXY 323591	49.11 3.93 -0.01	43.12 3.41 -0.01	39.24 3.17 -0.01	36.62 2.87 0.00	36.47 2.61 0.00	37.70 2.70 0.00	41.11 3.33 0.00	43.35 3.62 0.00	42.39 3.92 1.48	42.64 3.46 -1.49	45.79 3.41 -5.24	48.97 3.35 -5.28	50.24 3.49 -6.13	52.19 3.69 -5.65	53.25 3.70 -5.96	53.14 4.06 -1.32	56.19 4.18 1.53	59.40 4.33 7.71	72.48 3.53 3.05	66.00 2.56 3.90	59.15 1.89 0.00	53.82 1.72 0.00	50.98 3.02 0.00	46.72 3.42 0.00
NPX_GEN_CSC 323557	49.47 4.29 -0.01	43.04 3.33 -0.01	39.13 3.06 -0.01	36.65 2.90 0.00	36.43 2.57 0.00	37.42 2.41 0.00	40.92 3.13 0.00	43.11 3.38 0.00	42.31 3.84 1.48	42.80 3.62 -1.49	46.01 3.64 -5.24	49.46 3.83 -5.28	50.85 4.10 -6.13	52.88 4.37 -5.65	54.12 4.58 -5.96	54.24 4.97 -1.50	61.44 5.14 -2.75	68.10 5.02 -0.30	76.47 4.25 -0.21	70.58 3.23 0.00	59.44 2.18 0.00	54.45 2.35 0.00	51.27 3.31 0.00	46.81 3.51 0.00
NSINS_S_GLNS_FALLS 23858	47.61 2.44 0.00	41.88 2.18 0.00	37.97 1.91 0.00	35.44 1.69 0.00	35.55 1.69 0.00	36.79 1.79 0.00	39.60 1.81 0.00	41.64 1.91 0.00	41.66 1.72 0.00	38.93 1.24 0.00	37.84 0.89 0.19	41.28 1.01 0.07	41.18 0.85 0.29	43.44 0.86 0.27	44.31 1.00 0.28	48.87 1.24 0.14	54.83 1.29 0.00	64.85 2.07 0.00	74.60 2.59 0.00	70.58 3.23 0.00	60.29 3.03 0.00	54.80 2.71 0.00	50.22 2.25 0.00	45.12 1.82 0.00
NUCOR_STEEL___DRP 24197	45.44 0.27 0.00	40.09 0.40 0.00	36.31 0.25 0.00	33.88 0.13 0.00	34.13 0.27 0.00	35.28 0.28 0.00	38.20 0.42 0.00	40.05 0.32 0.00	40.27 0.32 0.00	37.80 0.11 0.00	37.13 0.00 0.00	40.38 0.04 0.00	40.83 0.20 0.00	43.20 0.34 0.00	44.02 0.44 0.00	48.15 0.38 0.00	53.98 0.43 0.00	63.59 0.82 0.00	72.87 0.86 0.00	68.69 1.35 0.00	58.46 1.20 0.00	52.98 0.89 0.00	48.73 0.77 0.00	43.95 0.65 0.00
NUMBER_THREE_WT_PWR 323818	46.57 1.40 0.00	40.93 1.23 0.00	36.78 0.72 0.00	34.29 0.54 0.00	34.57 0.71 0.00	35.84 0.84 0.00	38.89 1.10 0.00	40.61 0.87 0.00	40.55 0.60 0.00	37.91 0.23 0.00	37.28 0.15 0.00	40.54 0.20 0.00	40.62 0.00 0.00	42.81 -0.04 0.00	43.37 -0.22 0.00	47.38 -0.38 0.00	53.44 -0.11 0.00	63.03 0.25 0.00	72.94 0.93 0.00	68.89 1.55 0.00	58.86 1.60 0.00	53.92 1.82 0.00	49.83 1.87 0.00	44.90 1.60 0.00
NYISO_LBMP_REFERENCE 24008	45.17 0.00 0.00	39.69 0.00 0.00	36.06 0.00 0.00	33.75 0.00 0.00	33.86 0.00 0.00	35.00 0.00 0.00	37.79 0.00 0.00	39.73 0.00 0.00	39.95 0.00 0.00	37.68 0.00 0.00	37.13 0.00 0.00	40.34 0.00 0.00	40.62 0.00 0.00	42.86 0.00 0.00	43.59 0.00 0.00	47.77 0.00 0.00	53.55 0.00 0.00	62.78 0.00 0.00	72.01 0.00 0.00	67.34 0.00 0.00	57.26 0.00 0.00	52.10 0.00 0.00	47.96 0.00 0.00	43.30 0.00 0.00
NYPA_BRENTWD____GT 24164	50.15 4.97 -0.01	43.71 4.01 -0.01	39.71 3.64 -0.01	37.06 3.31 0.00	36.87 3.01 0.00	38.05 3.04 0.00	41.42 3.63 0.00	43.86 4.13 0.00	44.43 4.47 -0.01	41.91 4.22 -0.01	46.64 4.27 -5.24	50.14 4.52 -5.28	51.46 4.71 -6.13	53.39 4.88 -5.65	54.60 5.05 -5.96	56.10 5.35 -2.98	78.79 5.62 -19.62	68.36 5.59 0.00	80.46 4.96 -3.49	71.25 3.90 0.00	60.08 2.81 -0.02	55.12 3.02 0.00	52.09 4.13 0.00	47.59 4.29 0.00

NYPA_GOWANUS____GT5 24156	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.35 3.66 -6.07	52.31 3.86 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.24 3.90 0.01	60.11 2.86 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NYPA_GOWANUS____GT6 24157	49.11 3.93 -0.01	42.80 3.10 -0.01	38.88 2.81 -0.01	36.29 2.53 -0.01	36.34 2.47 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.35 3.66 -6.07	52.31 3.86 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.39 4.39 0.01	71.24 3.90 0.01	60.11 2.86 0.01	54.74 2.66 0.01	50.74 2.78 0.00	46.64 3.33 0.00
NYPA_HARLEM__RVR__GT1 24160	49.02 3.84 -0.01	42.76 3.06 -0.01	38.95 2.89 -0.01	36.36 2.60 -0.01	36.41 2.54 -0.01	37.42 2.41 0.00	40.62 2.84 0.00	42.87 3.14 0.00	43.17 3.23 0.01	40.93 3.24 0.00	44.46 3.41 -3.92	49.12 3.51 -5.27	50.28 3.58 -6.08	52.19 3.73 -5.61	53.34 3.84 -5.91	55.31 4.59 -2.95	58.26 4.71 0.00	67.73 4.96 0.01	76.25 4.25 0.01	71.11 3.77 0.01	60.11 2.86 0.01	54.80 2.71 0.01	50.89 2.93 0.00	46.72 3.42 0.00
NYPA_HARLEM__RVR__GT2 24161	49.02 3.84 -0.01	42.76 3.06 -0.01	38.95 2.89 -0.01	36.36 2.60 -0.01	36.41 2.54 -0.01	37.42 2.41 0.00	40.62 2.84 0.00	42.87 3.14 0.00	43.17 3.23 0.01	40.93 3.24 0.00	44.46 3.41 -3.92	49.12 3.51 -5.27	50.28 3.58 -6.08	52.19 3.73 -5.61	53.34 3.84 -5.91	55.31 4.59 -2.95	58.26 4.71 0.00	67.73 4.96 0.01	76.25 4.25 0.01	71.11 3.77 0.01	60.11 2.86 0.01	54.80 2.71 0.01	50.89 2.93 0.00	46.72 3.42 0.00
NYPA_KENT____GT 24152	49.02 3.84 -0.01	42.76 3.06 -0.01	38.84 2.78 -0.01	36.25 2.50 -0.01	36.31 2.44 -0.01	37.35 2.35 0.00	40.58 2.80 0.00	42.95 3.22 0.00	43.34 3.39 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.33 3.71 -5.28	50.40 3.70 -6.08	52.36 3.90 -5.61	53.47 3.97 -5.92	55.35 4.63 -2.95	58.37 4.82 0.00	67.67 4.90 0.01	76.25 4.25 0.01	71.11 3.77 0.01	60.06 2.81 0.01	54.80 2.71 0.01	50.79 2.83 0.00	46.59 3.29 0.00
NYPA_POUCH1____GT 24155	49.06 3.89 -0.01	42.76 3.06 -0.01	38.84 2.78 -0.01	36.22 2.46 -0.01	36.27 2.40 -0.01	37.28 2.27 0.00	40.47 2.68 0.00	42.79 3.06 0.00	43.14 3.20 0.00	40.89 3.20 0.00	44.43 3.38 -3.92	49.21 3.59 -5.28	50.15 3.45 -6.07	51.26 3.64 -4.76	51.37 3.70 -4.08	51.97 4.35 0.14	54.64 4.50 3.40	67.36 4.71 0.13	75.73 4.03 0.30	68.63 3.57 2.28	55.53 2.58 4.31	52.04 2.35 2.40	50.45 2.49 0.01	46.51 3.20 0.00
NYPA_VERNON____GT2 24162	48.93 3.75 -0.01	42.68 2.98 -0.01	38.81 2.74 -0.01	36.22 2.46 -0.01	36.27 2.40 -0.01	37.39 2.38 0.00	40.58 2.80 0.00	42.95 3.22 0.00	43.38 3.44 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.29 3.67 -5.28	50.44 3.73 -6.08	52.36 3.90 -5.61	53.51 4.01 -5.91	55.35 4.63 -2.95	58.37 4.82 0.00	67.67 4.90 0.01	76.17 4.17 0.01	71.04 3.70 0.01	60.00 2.75 0.01	54.85 2.76 0.01	50.89 2.93 0.00	46.55 3.25 0.00
NYPA_VERNON____GT3 24163	48.93 3.75 -0.01	42.68 2.98 -0.01	38.81 2.74 -0.01	36.22 2.46 -0.01	36.27 2.40 -0.01	37.39 2.38 0.00	40.58 2.80 0.00	42.95 3.22 0.00	43.38 3.44 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.29 3.67 -5.28	50.44 3.73 -6.08	52.36 3.90 -5.61	53.51 4.01 -5.91	55.35 4.63 -2.95	58.37 4.82 0.00	67.67 4.90 0.01	76.17 4.17 0.01	71.04 3.70 0.01	60.00 2.75 0.01	54.85 2.76 0.01	50.89 2.93 0.00	46.55 3.25 0.00
NYPA__ASTORIA_CC1 323568	48.88 3.70 -0.01	42.64 2.94 -0.01	38.81 2.74 -0.01	36.22 2.46 -0.01	36.27 2.40 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.00 3.32 0.00	44.50 3.45 -3.92	49.21 3.59 -5.28	50.32 3.61 -6.08	52.23 3.77 -5.61	53.38 3.88 -5.91	55.21 4.49 -2.95	58.20 4.66 0.00	67.42 4.65 0.01	75.96 3.96 0.01	70.77 3.43 0.01	59.83 2.58 0.01	54.69 2.60 0.01	50.74 2.78 0.00	46.51 3.20 0.00
NYPA__ASTORIA_CC2 323569	48.88 3.70 -0.01	42.64 2.94 -0.01	38.81 2.74 -0.01	36.22 2.46 -0.01	36.27 2.40 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.00 3.32 0.00	44.50 3.45 -3.92	49.21 3.59 -5.28	50.32 3.61 -6.08	52.23 3.77 -5.61	53.38 3.88 -5.91	55.21 4.49 -2.95	58.20 4.66 0.00	67.42 4.65 0.01	75.96 3.96 0.01	70.77 3.43 0.01	59.83 2.58 0.01	54.69 2.60 0.01	50.74 2.78 0.00	46.51 3.20 0.00
NYPA__HOLTSVILL 23794	49.74 4.56 -0.01	43.31 3.61 -0.01	39.38 3.32 -0.01	36.75 3.00 0.00	36.60 2.74 0.00	37.70 2.70 0.00	41.07 3.29 0.00	43.43 3.70 0.00	44.07 4.12 -0.01	41.58 3.88 -0.01	46.27 3.90 -5.24	49.66 4.03 -5.28	51.02 4.26 -6.13	52.96 4.46 -5.65	54.17 4.62 -5.96	55.77 4.92 -3.09	61.45 4.98 -2.93	72.09 4.83 -4.48	76.47 4.10 -0.36	70.45 3.10 -0.01	59.44 2.18 -0.01	54.60 2.50 0.00	51.51 3.55 0.00	47.11 3.81 0.00
NYPA____HELLGATE_GT1 24158	49.02 3.84 -0.01	42.76 3.06 -0.01	38.95 2.89 -0.01	36.36 2.60 -0.01	36.41 2.54 -0.01	37.42 2.41 0.00	40.62 2.84 0.00	42.87 3.14 0.00	43.17 3.23 0.01	40.93 3.24 0.00	44.46 3.41 -3.92	49.12 3.51 -5.27	50.28 3.58 -6.08	52.19 3.73 -5.61	53.34 3.84 -5.91	55.31 4.59 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.25 4.25 0.01	71.11 3.77 0.01	60.11 2.86 0.01	54.80 2.71 0.01	50.89 2.93 0.00	46.72 3.42 0.00
NYPA____HELLGATE_GT2 24159	49.02 3.84 -0.01	42.76 3.06 -0.01	38.95 2.89 -0.01	36.36 2.60 -0.01	36.41 2.54 -0.01	37.42 2.41 0.00	40.62 2.84 0.00	42.87 3.14 0.00	43.17 3.23 0.01	40.93 3.24 0.00	44.46 3.41 -3.92	49.12 3.51 -5.27	50.28 3.58 -6.08	52.19 3.73 -5.61	53.34 3.84 -5.91	55.31 4.59 -2.95	58.31 4.76 0.00	67.73 4.96 0.01	76.25 4.25 0.01	71.11 3.77 0.01	60.11 2.86 0.01	54.80 2.71 0.01	50.89 2.93 0.00	46.72 3.42 0.00
NYS_BARGE__HYD 23848	43.72 -1.45 0.00	39.46 -0.24 0.00	35.55 -0.50 0.00	33.21 -0.54 0.00	33.55 -0.31 0.00	34.69 -0.32 0.00	36.43 -1.36 0.00	37.47 -2.26 0.00	37.63 -2.32 0.00	35.95 -1.73 0.00	35.50 -1.63 0.00	38.37 -1.98 0.00	39.44 -1.18 0.00	41.91 -0.94 0.00	42.89 -0.70 0.00	46.29 -1.48 0.00	52.10 -1.44 0.00	61.27 -1.51 0.00	69.48 -2.52 0.00	66.34 -1.01 0.00	56.34 -0.92 0.00	50.69 -1.40 0.00	47.39 -0.57 0.00	43.39 0.09 0.00
OAK ORCHARD__HYD 24046	44.63 -0.54 0.00	39.61 -0.08 0.00	35.73 -0.33 0.00	33.61 -0.13 0.00	33.62 -0.24 0.00	34.86 -0.14 0.00	37.41 -0.38 0.00	39.14 -0.59 0.00	39.47 -0.48 0.00	37.31 -0.38 0.00	36.83 -0.30 0.00	39.94 -0.40 0.00	40.54 -0.08 0.00	42.94 0.09 0.00	43.89 0.31 0.00	47.72 -0.05 0.00	53.60 0.05 0.00	63.09 0.32 0.00	72.15 0.14 0.00	68.29 0.94 0.00	58.00 0.74 0.00	52.41 0.31 0.00	48.54 0.58 0.00	43.82 0.52 0.00

OAKDALE___35_KV_LOAD 356122	45.31 0.14 0.00	40.01 0.32 0.00	36.27 0.22 0.00	33.92 0.17 0.00	34.10 0.24 0.00	35.25 0.25 0.00	38.02 0.23 0.00	39.73 0.00 0.00	39.99 0.04 0.00	37.68 0.00 0.00	37.09 -0.04 0.00	40.26 -0.08 0.00	40.91 0.28 0.00	43.28 0.43 0.00	44.20 0.61 0.00	48.24 0.48 0.00	54.19 0.64 0.00	63.66 0.88 0.00	72.58 0.58 0.00	68.35 1.01 0.00	58.12 0.86 0.00	52.77 0.68 0.00	48.59 0.62 0.00	44.04 0.74 0.00
OCC_CHEM___DRP 24175	42.55 -2.62 0.00	38.38 -1.31 0.00	34.54 -1.51 0.00	32.09 -1.65 0.00	33.22 -0.64 0.00	34.30 -0.70 0.00	35.75 -2.04 0.00	36.59 -3.14 0.00	36.91 -3.04 0.00	35.27 -2.41 0.00	34.49 -2.64 0.00	37.15 -3.19 0.00	38.63 -1.99 0.00	41.18 -1.67 0.00	42.15 -1.44 0.00	45.19 -2.58 0.00	50.98 -2.57 0.00	60.08 -2.70 0.00	67.97 -4.03 0.00	64.79 -2.56 0.00	55.08 -2.18 0.00	49.54 -2.55 0.00	46.28 -1.68 0.00	42.48 -0.82 0.00
OH_GEN_PROXY 24063	43.50 -1.67 0.00	38.82 -0.87 0.00	34.94 -1.12 0.00	33.04 -0.71 0.00	33.01 -0.85 0.00	34.09 -0.91 0.00	36.20 -1.59 0.00	37.23 -2.50 0.00	35.95 -2.52 1.49	37.25 -1.92 -1.49	35.35 -1.78 0.00	38.16 -2.18 0.00	39.20 -1.42 0.00	41.70 -1.16 0.00	42.67 -0.92 0.00	44.59 -1.67 1.50	53.39 -1.66 -1.50	60.96 -1.82 0.00	68.99 -3.02 0.00	65.73 -1.62 0.00	55.89 -1.37 0.00	50.28 -1.82 0.00	47.00 -0.96 0.00	43.00 -0.30 0.00
OLIN_CORP_DRP 24177	43.36 -1.81 0.00	39.10 -0.60 0.00	35.23 -0.83 0.00	32.74 -1.01 0.00	32.81 -1.05 0.00	33.88 -1.12 0.00	36.05 -1.74 0.00	36.79 -2.94 0.00	37.11 -2.84 0.00	35.42 -2.26 0.00	34.64 -2.49 0.00	37.32 -3.03 0.00	38.84 -1.79 0.00	41.36 -1.50 0.00	42.32 -1.26 0.00	45.43 -2.34 0.00	51.24 -2.30 0.00	60.39 -2.39 0.00	68.41 -3.60 0.00	65.26 -2.09 0.00	55.43 -1.83 0.00	49.86 -2.24 0.00	46.57 -1.39 0.00	42.82 -0.48 0.00
OLIN_CORP_DSASP 323712	43.59 -1.58 0.00	38.38 -1.31 0.00	34.55 -1.51 0.00	33.21 -0.54 0.00	32.64 -1.22 0.00	33.71 -1.29 0.00	35.86 -1.93 0.00	36.75 -2.98 0.00	36.91 -3.04 0.00	35.31 -2.37 0.00	34.90 -2.23 0.00	37.68 -2.66 0.00	38.71 -1.91 0.00	41.18 -1.67 0.00	42.15 -1.44 0.00	45.47 -2.29 0.00	51.14 -2.41 0.00	60.08 -2.70 0.00	67.98 -4.03 0.00	64.79 -2.56 0.00	55.08 -2.18 0.00	49.54 -2.55 0.00	46.48 -1.49 0.00	42.48 -0.82 0.00
ONEIDA_HERK_LFGE 323681	46.39 1.22 0.00	40.77 1.07 0.00	36.89 0.83 0.00	34.42 0.67 0.00	34.64 0.78 0.00	35.91 0.91 0.00	38.92 1.13 0.00	40.73 0.99 0.00	40.82 0.88 0.00	38.25 0.57 0.00	37.65 0.52 0.00	40.91 0.56 0.00	41.07 0.45 0.00	43.33 0.47 0.00	44.02 0.44 0.00	48.15 0.38 0.00	54.19 0.64 0.00	63.78 1.00 0.00	73.52 1.51 0.00	69.23 1.88 0.00	58.98 1.72 0.00	53.87 1.77 0.00	49.54 1.58 0.00	44.69 1.39 0.00
ONEIDA___115KV_TB4 55905	46.30 1.13 0.00	40.73 1.03 0.00	36.96 0.90 0.00	34.52 0.78 0.00	34.74 0.88 0.00	36.02 1.02 0.00	38.96 1.17 0.00	40.80 1.07 0.00	41.07 1.12 0.00	38.48 0.79 0.00	37.84 0.71 0.00	41.11 0.77 0.00	41.35 0.73 0.00	43.67 0.81 0.00	44.42 0.83 0.00	48.58 0.81 0.00	54.72 1.18 0.00	64.41 1.63 0.00	74.10 2.09 0.00	69.77 2.42 0.00	59.44 2.18 0.00	54.13 2.03 0.00	49.64 1.68 0.00	44.77 1.47 0.00
ONONDAGA_REF_OCCRA 23987	44.85 -0.32 0.00	39.50 -0.20 0.00	35.81 -0.25 0.00	33.44 -0.30 0.00	33.66 -0.20 0.00	34.79 -0.21 0.00	37.60 -0.19 0.00	39.49 -0.24 0.00	39.71 -0.24 0.00	37.35 -0.34 0.00	36.76 -0.37 0.00	39.94 -0.40 0.00	40.38 -0.24 0.00	42.73 -0.13 0.00	43.54 -0.04 0.00	47.62 -0.14 0.00	53.44 -0.11 0.00	62.78 0.00 0.00	71.86 -0.14 0.00	67.55 0.20 0.00	57.49 0.23 0.00	52.15 0.05 0.00	47.96 0.00 0.00	43.30 0.00 0.00
ONONDAGA___COGEN 23986	44.94 -0.23 0.00	39.61 -0.08 0.00	35.91 -0.14 0.00	33.55 -0.20 0.00	33.72 -0.14 0.00	34.90 -0.11 0.00	37.71 -0.08 0.00	39.61 -0.12 0.00	39.87 -0.08 0.00	37.50 -0.19 0.00	36.87 -0.26 0.00	40.06 -0.28 0.00	40.50 -0.12 0.00	42.86 0.00 0.00	43.63 0.04 0.00	47.72 -0.05 0.00	53.55 0.00 0.00	62.90 0.13 0.00	72.08 0.07 0.00	67.75 0.40 0.00	57.66 0.40 0.00	52.30 0.21 0.00	48.11 0.14 0.00	43.39 0.09 0.00
ONTARIO___LFGE 23819	45.40 0.23 0.00	40.13 0.44 0.00	36.28 0.22 0.00	34.02 0.27 0.00	34.13 0.27 0.00	35.39 0.39 0.00	38.20 0.42 0.00	39.93 0.20 0.00	40.11 0.16 0.00	37.68 0.00 0.00	37.13 0.00 0.00	40.34 0.00 0.00	40.91 0.29 0.00	43.37 0.52 0.00	44.28 0.70 0.00	48.29 0.53 0.00	54.03 0.48 0.00	63.72 0.94 0.00	73.01 1.01 0.00	69.16 1.82 0.00	58.81 1.55 0.00	53.14 1.04 0.00	49.16 1.20 0.00	44.42 1.12 0.00
ORANGEVILLE_WT_PWR 323706	44.22 -0.95 0.00	39.46 -0.24 0.00	35.63 -0.43 0.00	33.55 -0.20 0.00	33.66 -0.20 0.00	34.80 -0.21 0.00	37.07 -0.72 0.00	38.14 -1.59 0.00	38.15 -1.80 0.00	36.21 -1.47 0.00	35.76 -1.37 0.00	38.69 -1.66 0.00	39.65 -0.98 0.00	42.17 -0.69 0.00	43.15 -0.44 0.00	46.72 -1.05 0.00	52.53 -1.02 0.00	61.84 -0.94 0.00	70.42 -1.58 0.00	67.28 -0.07 0.00	57.32 0.06 0.00	51.63 -0.47 0.00	48.11 0.14 0.00	43.91 0.61 0.00
ORANGEVILLE___ESR 323794	44.22 -0.95 0.00	39.46 -0.24 0.00	35.63 -0.43 0.00	33.55 -0.20 0.00	33.66 -0.20 0.00	34.80 -0.21 0.00	37.07 -0.72 0.00	38.14 -1.59 0.00	38.15 -1.80 0.00	36.21 -1.47 0.00	35.76 -1.37 0.00	38.69 -1.66 0.00	39.65 -0.98 0.00	42.17 -0.69 0.00	43.15 -0.44 0.00	46.72 -1.05 0.00	52.53 -1.02 0.00	61.84 -0.94 0.00	70.42 -1.58 0.00	67.28 -0.07 0.00	57.32 0.06 0.00	51.63 -0.47 0.00	48.11 0.14 0.00	43.91 0.61 0.00
OSWEGATCHIE___HYD 24044	45.89 0.72 0.00	40.33 0.63 0.00	36.46 0.40 0.00	34.05 0.30 0.00	34.27 0.41 0.00	35.46 0.45 0.00	38.50 0.72 0.00	40.25 0.52 0.00	40.23 0.28 0.00	37.68 0.00 0.00	37.09 -0.04 0.00	40.30 -0.04 0.00	40.38 -0.24 0.00	42.47 -0.39 0.00	42.93 -0.65 0.00	46.76 -1.01 0.00	52.69 -0.86 0.00	62.21 -0.57 0.00	72.30 0.29 0.00	67.95 0.60 0.00	58.00 0.74 0.00	53.14 1.04 0.00	48.97 1.01 0.00	44.17 0.87 0.00
OSWEGO___5 23606	44.22 -0.95 0.00	38.94 -0.76 0.00	35.30 -0.76 0.00	33.07 -0.67 0.00	33.18 -0.68 0.00	34.30 -0.70 0.00	37.07 -0.72 0.00	38.90 -0.84 0.00	39.15 -0.80 0.00	36.86 -0.83 0.00	36.31 -0.82 0.00	39.45 -0.89 0.00	39.81 -0.81 0.00	42.08 -0.77 0.00	42.85 -0.74 0.00	46.91 -0.86 0.00	52.58 -0.96 0.00	61.71 -1.07 0.00	70.64 -1.37 0.00	66.34 -1.01 0.00	56.46 -0.80 0.00	51.26 -0.84 0.00	47.19 -0.77 0.00	42.61 -0.69 0.00
OSWEGO___6 23613	44.22 -0.95 0.00	38.94 -0.76 0.00	35.30 -0.76 0.00	33.07 -0.67 0.00	33.18 -0.68 0.00	34.30 -0.70 0.00	37.07 -0.72 0.00	38.90 -0.84 0.00	39.15 -0.80 0.00	36.86 -0.83 0.00	36.31 -0.82 0.00	39.45 -0.89 0.00	39.81 -0.81 0.00	42.08 -0.77 0.00	42.85 -0.74 0.00	46.91 -0.86 0.00	52.58 -0.96 0.00	61.71 -1.07 0.00	70.64 -1.37 0.00	66.34 -1.01 0.00	56.46 -0.80 0.00	51.26 -0.84 0.00	47.19 -0.77 0.00	42.61 -0.69 0.00

OUTOKUMPU-AB___DRP 24206	43.72 -1.45 0.00	39.38 -0.32 0.00	35.48 -0.58 0.00	32.94 -0.81 0.00	33.62 -0.24 0.00	34.76 -0.25 0.00	36.69 -1.10 0.00	37.55 -2.19 0.00	37.87 -2.08 0.00	36.10 -1.58 0.00	35.35 -1.78 0.00	38.12 -2.22 0.00	39.69 -0.93 0.00	42.26 -0.60 0.00	43.24 -0.35 0.00	46.38 -1.39 0.00	52.42 -1.12 0.00	61.77 -1.00 0.00	69.99 -2.02 0.00	66.81 -0.54 0.00	56.69 -0.57 0.00	50.95 -1.15 0.00	47.53 -0.43 0.00	43.56 0.26 0.00
OXBOW___BTM 323836	44.00 -1.17 0.00	38.94 -0.76 0.00	35.09 -0.97 0.00	33.48 -0.27 0.00	33.11 -0.75 0.00	34.23 -0.77 0.00	36.35 -1.44 0.00	37.31 -2.42 0.00	37.47 -2.48 0.00	35.80 -1.88 0.00	35.39 -1.74 0.00	38.24 -2.10 0.00	39.32 -1.30 0.00	41.83 -1.03 0.00	42.80 -0.78 0.00	46.19 -1.58 0.00	51.94 -1.61 0.00	61.09 -1.69 0.00	69.12 -2.88 0.00	65.93 -1.42 0.00	56.05 -1.21 0.00	50.38 -1.72 0.00	47.15 -0.82 0.00	43.13 -0.17 0.00
OXBOW___ 24026	43.23 -1.94 0.00	38.94 -0.75 0.00	35.08 -0.97 0.00	32.57 -1.18 0.00	33.45 -0.41 0.00	34.58 -0.42 0.00	36.28 -1.51 0.00	37.15 -2.58 0.00	37.43 -2.52 0.00	35.76 -1.92 0.00	34.98 -2.15 0.00	37.72 -2.62 0.00	39.28 -1.34 0.00	41.83 -1.03 0.00	42.80 -0.78 0.00	45.90 -1.86 0.00	51.83 -1.71 0.00	61.08 -1.70 0.00	69.13 -2.88 0.00	65.93 -1.41 0.00	56.00 -1.26 0.00	50.38 -1.72 0.00	47.00 -0.96 0.00	43.08 -0.22 0.00
OXY_CHEM_DSASP 323612	42.55 -2.62 0.00	38.38 -1.31 0.00	34.54 -1.51 0.00	32.09 -1.65 0.00	33.22 -0.64 0.00	34.30 -0.70 0.00	35.75 -2.04 0.00	36.59 -3.14 0.00	36.91 -3.04 0.00	35.27 -2.41 0.00	34.49 -2.64 0.00	37.15 -3.19 0.00	38.63 -1.99 0.00	41.18 -1.67 0.00	42.15 -1.44 0.00	45.19 -2.58 0.00	50.98 -2.57 0.00	60.08 -2.70 0.00	67.97 -4.03 0.00	64.79 -2.56 0.00	55.08 -2.18 0.00	49.54 -2.55 0.00	46.28 -1.68 0.00	42.48 -0.82 0.00
OZONE_PARK_ESR 323760	49.28 4.11 0.00	42.91 3.22 0.00	38.98 2.92 0.00	36.45 2.70 0.00	36.40 2.54 0.00	37.63 2.63 0.00	40.81 3.02 0.00	43.27 3.54 0.00	43.70 3.75 0.00	41.26 3.58 0.00	44.82 3.79 -3.90	49.69 4.07 -5.27	50.95 4.27 -6.07	52.95 4.50 -5.59	54.20 4.71 -5.90	56.02 5.30 -2.95	59.22 5.68 0.00	68.81 6.03 0.00	77.55 5.54 0.00	72.26 4.92 0.00	61.21 3.95 0.00	55.79 3.70 0.00	51.75 3.79 0.00	46.85 3.55 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	42.55 -2.62 0.00	38.38 -1.31 0.00	34.54 -1.51 0.00	32.09 -1.65 0.00	33.22 -0.64 0.00	34.30 -0.70 0.00	35.75 -2.04 0.00	36.59 -3.14 0.00	36.91 -3.04 0.00	35.27 -2.41 0.00	34.49 -2.64 0.00	37.15 -3.19 0.00	38.63 -1.99 0.00	41.18 -1.67 0.00	42.15 -1.44 0.00	45.19 -2.58 0.00	50.98 -2.57 0.00	60.08 -2.70 0.00	67.97 -4.03 0.00	64.79 -2.56 0.00	55.08 -2.18 0.00	49.54 -2.55 0.00	46.28 -1.68 0.00	42.48 -0.82 0.00
PACKARD___115KV_DUPONT_184 80571	42.55 -2.62 0.00	38.38 -1.31 0.00	34.54 -1.51 0.00	32.09 -1.65 0.00	33.22 -0.64 0.00	34.30 -0.70 0.00	35.75 -2.04 0.00	36.59 -3.14 0.00	36.91 -3.04 0.00	35.27 -2.41 0.00	34.49 -2.64 0.00	37.15 -3.19 0.00	38.63 -1.99 0.00	41.18 -1.67 0.00	42.15 -1.44 0.00	45.19 -2.58 0.00	50.98 -2.57 0.00	60.08 -2.70 0.00	67.97 -4.03 0.00	64.79 -2.56 0.00	55.08 -2.18 0.00	49.54 -2.55 0.00	46.28 -1.68 0.00	42.48 -0.82 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	49.06 3.88 0.00	42.75 3.06 0.00	38.91 2.85 0.00	36.38 2.63 0.00	36.36 2.51 0.00	37.38 2.38 0.00	40.55 2.76 0.00	42.71 2.98 0.00	43.06 3.12 0.00	40.77 3.09 0.00	44.28 3.23 -3.92	49.13 3.51 -5.28	50.24 3.53 -6.08	52.19 3.73 -5.61	53.25 3.75 -5.91	55.21 4.49 -2.95	58.37 4.82 0.00	67.61 4.83 0.00	76.18 4.18 0.00	71.05 3.70 0.00	60.24 2.98 0.00	54.75 2.66 0.00	50.89 2.93 0.00	46.64 3.33 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	49.82 4.65 0.00	43.42 3.73 0.00	39.52 3.46 0.00	36.92 3.17 0.00	36.91 3.05 0.00	37.98 2.98 0.00	41.19 3.40 0.00	43.39 3.66 0.00	43.66 3.72 0.00	41.38 3.69 0.00	44.83 3.79 -3.92	49.70 4.07 -5.28	50.85 4.14 -6.08	52.83 4.37 -5.61	53.95 4.45 -5.91	55.98 5.25 -2.95	59.22 5.68 0.00	68.68 5.90 0.00	77.41 5.40 0.00	72.19 4.85 0.00	61.21 3.95 0.00	55.64 3.54 0.00	51.66 3.69 0.00	47.37 4.07 0.00
PATROON___115KV_TB1 80586	46.53 1.36 0.00	40.84 1.15 0.00	37.21 1.15 0.00	34.86 1.11 0.00	34.91 1.05 0.00	36.05 1.05 0.00	38.81 1.02 0.00	40.88 1.15 0.00	41.07 1.12 0.00	38.59 0.90 0.00	37.90 0.97 0.20	41.28 1.01 0.07	41.25 0.93 0.31	43.43 0.86 0.29	44.33 1.05 0.30	48.86 1.24 0.15	54.78 1.23 0.00	64.22 1.44 0.00	73.09 1.08 0.00	68.62 1.28 0.00	58.41 1.15 0.00	53.24 1.15 0.00	48.92 0.96 0.00	44.08 0.78 0.00
PATTRSNVILLE___SOLAR 323815	47.20 2.03 0.00	41.48 1.79 0.00	37.64 1.58 0.00	35.20 1.45 0.00	35.31 1.45 0.00	36.54 1.54 0.00	39.30 1.51 0.00	41.16 1.43 0.00	41.19 1.24 0.00	38.55 0.87 0.00	37.78 0.82 0.17	41.13 0.85 0.06	41.22 0.85 0.26	43.56 0.94 0.24	44.46 1.13 0.25	48.93 1.29 0.13	54.99 1.45 0.00	64.79 2.01 0.00	74.24 2.23 0.00	70.11 2.76 0.00	59.72 2.46 0.00	54.39 2.29 0.00	49.98 2.01 0.00	45.03 1.73 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	43.68 -1.49 0.00	39.22 -0.48 0.00	35.37 -0.69 0.00	32.87 -0.88 0.00	33.32 -0.54 0.00	34.44 -0.56 0.00	36.77 -1.02 0.00	37.59 -2.15 0.00	37.75 -2.20 0.00	35.95 -1.73 0.00	35.27 -1.86 0.00	38.04 -2.30 0.00	39.69 -0.93 0.00	42.26 -0.60 0.00	43.28 -0.31 0.00	46.57 -1.19 0.00	52.64 -0.91 0.00	62.02 -0.75 0.00	70.28 -1.73 0.00	67.01 -0.34 0.00	56.80 -0.46 0.00	51.05 -1.04 0.00	47.44 -0.53 0.00	43.60 0.30 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	48.38 3.21 0.00	42.27 2.58 0.00	38.47 2.42 0.00	35.98 2.23 0.00	35.96 2.10 0.00	37.17 2.17 0.00	40.21 2.42 0.00	42.47 2.74 0.00	42.78 2.84 0.00	40.17 2.49 0.00	39.35 2.60 0.38	43.03 2.82 0.14	43.07 3.05 0.60	45.60 3.30 0.55	46.45 3.44 0.58	51.44 3.96 0.29	57.67 4.12 0.00	67.61 4.83 0.00	76.69 4.68 0.00	71.59 4.24 0.00	60.64 3.38 0.00	55.33 3.23 0.00	51.03 3.07 0.00	46.07 2.77 0.00
PEEKSKILL___ 23653	48.10 2.93 0.00	42.03 2.34 0.00	38.22 2.16 0.00	35.71 1.96 0.00	35.75 1.89 0.00	36.96 1.96 0.00	39.98 2.19 0.00	42.31 2.58 0.00	42.70 2.75 0.00	40.28 2.60 0.00	43.01 2.71 -3.17	47.50 2.91 -4.26	48.69 3.09 -4.98	50.70 3.26 -4.59	51.92 3.49 -4.85	54.11 3.92 -2.42	57.67 4.12 0.00	67.30 4.52 0.00	75.96 3.96 0.00	70.91 3.57 0.00	59.95 2.69 0.00	54.75 2.66 0.00	50.60 2.64 0.00	45.81 2.51 0.00
PGE MADISON___WINDPWR 24146	48.24 3.07 0.00	42.51 2.82 0.00	38.66 2.60 0.00	36.11 2.36 0.00	36.36 2.51 0.00	37.88 2.87 0.00	41.19 3.40 0.00	42.75 3.02 0.00	42.51 2.56 0.00	39.38 1.70 0.00	38.62 1.49 0.00	41.96 1.62 0.00	42.13 1.50 0.00	44.52 1.67 0.00	45.42 1.83 0.00	49.63 1.86 0.00	56.17 2.62 0.00	66.54 3.77 0.00	76.97 4.96 0.00	73.20 5.86 0.00	62.42 5.16 0.00	56.73 4.63 0.00	51.94 3.98 0.00	46.89 3.59 0.00

PIERCEFIELD___HYD 23852	45.40 0.23 0.00	39.89 0.20 0.00	36.20 0.14 0.00	33.85 0.10 0.00	34.03 0.17 0.00	35.11 0.11 0.00	38.13 0.34 0.00	39.93 0.20 0.00	39.91 -0.04 0.00	37.53 -0.15 0.00	36.94 -0.19 0.00	40.10 -0.24 0.00	40.18 -0.45 0.00	42.26 -0.60 0.00	42.54 -1.05 0.00	46.29 -1.48 0.00	52.15 -1.39 0.00	61.46 -1.32 0.00	71.65 -0.36 0.00	66.94 -0.40 0.00	57.03 -0.23 0.00	52.25 0.16 0.00	48.20 0.24 0.00	43.52 0.22 0.00
PINELAWN_CC_1 323563	49.79 4.61 -0.01	43.39 3.69 -0.01	39.46 3.39 -0.01	36.79 3.04 0.00	36.64 2.78 0.00	37.81 2.80 0.00	41.11 3.33 0.00	43.55 3.81 0.00	44.15 4.19 -0.01	41.65 3.96 -0.01	46.35 3.97 -5.24	49.86 4.23 -5.28	51.18 4.43 -6.13	53.10 4.59 -5.65	54.30 4.75 -5.96	55.46 4.73 -2.96	60.75 4.82 -2.38	66.59 4.58 0.77	76.20 3.74 -0.45	70.10 2.76 0.00	59.32 2.06 0.00	54.44 2.35 0.00	51.85 3.88 0.00	47.28 3.98 0.00
PJM_GEN_HTTP_PROXY 323702	48.60 3.43 0.00	42.39 2.70 0.00	38.54 2.49 0.00	35.98 2.23 0.00	36.03 2.17 0.00	37.25 2.24 0.00	40.39 2.61 0.00	42.83 3.10 0.00	41.78 3.31 1.49	42.37 3.20 -1.49	44.36 3.34 -3.88	49.20 3.59 -5.26	50.41 3.73 -6.05	52.38 3.94 -5.58	53.62 4.14 -5.89	53.89 4.68 -1.44	60.03 4.98 -1.50	68.05 5.27 0.00	76.62 4.61 0.00	71.38 4.04 0.00	60.29 3.03 0.00	55.07 2.97 0.00	51.03 3.07 0.00	46.25 2.95 0.00
PJM_GEN_KEystone 24065	45.89 0.72 0.00	40.41 0.72 0.00	36.63 0.58 0.00	34.36 0.61 0.00	34.40 0.54 0.00	35.56 0.56 0.00	38.24 0.46 0.00	40.01 0.28 0.00	38.78 0.32 1.49	39.62 0.45 -1.49	39.11 0.59 -1.39	41.69 0.56 -0.78	43.81 1.02 -2.17	46.04 1.24 -1.95	47.06 1.48 -1.99	48.80 1.48 0.45	56.71 1.66 -1.50	64.60 1.82 0.00	72.92 0.93 0.02	68.53 1.35 0.16	57.87 0.91 0.30	52.66 0.73 0.16	48.92 0.96 0.00	44.47 1.17 0.00
PJM_GEN_NEPTUNE_PROXY 323594	49.02 3.84 -0.01	42.84 3.14 -0.01	38.95 2.89 -0.01	36.35 2.60 0.00	36.23 2.37 0.00	37.42 2.41 0.00	40.66 2.87 0.00	43.07 3.34 0.00	42.07 3.60 1.48	42.61 3.43 -1.49	45.79 3.41 -5.24	49.26 3.63 -5.28	50.53 3.78 -6.13	52.49 3.99 -5.65	53.73 4.18 -5.96	53.83 4.59 -1.48	59.93 4.87 -1.51	67.61 4.83 0.00	76.18 4.17 0.00	70.64 3.30 0.00	59.55 2.29 0.00	54.60 2.50 0.00	51.22 3.26 0.00	46.68 3.38 0.00
PJM_GEN_VFT_PROXY 323633	48.47 3.30 0.00	42.24 2.54 0.00	38.44 2.38 0.00	35.88 2.13 0.00	35.92 2.07 0.00	37.10 2.10 0.00	40.24 2.45 0.00	42.71 2.98 0.00	41.66 3.20 1.49	42.30 3.13 -1.49	44.26 3.23 -3.90	49.08 3.47 -5.27	50.35 3.66 -6.07	51.34 3.73 -4.76	51.59 3.92 -4.08	50.52 4.39 1.64	56.26 4.61 1.89	67.43 4.77 0.12	75.74 4.03 0.29	68.57 3.50 2.27	55.59 2.64 4.31	52.37 2.66 2.39	50.84 2.88 0.00	46.11 2.81 0.00
PLATSBURG_115KV_PMLD1 355749	45.35 0.18 0.00	39.89 0.20 0.00	36.24 0.18 0.00	33.92 0.17 0.00	34.10 0.24 0.00	35.14 0.14 0.00	38.17 0.38 0.00	40.57 0.83 0.00	40.67 0.72 0.00	38.29 0.60 0.00	37.65 0.52 0.00	40.79 0.44 0.00	40.91 0.28 0.00	42.98 0.13 0.00	43.41 -0.17 0.00	47.58 -0.19 0.00	53.65 0.11 0.00	63.28 0.50 0.00	73.74 1.73 0.00	68.89 1.55 0.00	58.58 1.32 0.00	53.19 1.09 0.00	48.92 0.96 0.00	44.12 0.82 0.00
PLEASANTVLY___LBMP 24000	47.70 2.53 0.00	41.68 1.98 0.00	37.93 1.88 0.00	35.50 1.75 0.00	35.48 1.63 0.00	36.65 1.65 0.00	39.60 1.81 0.00	41.88 2.15 0.00	42.18 2.24 0.00	39.76 2.07 0.00	38.81 2.19 0.51	42.55 2.38 0.18	42.30 2.48 0.80	44.73 2.61 0.74	45.60 2.79 0.78	50.58 3.20 0.39	56.87 3.32 0.00	66.36 3.58 0.00	75.10 3.10 0.00	70.17 2.83 0.00	59.55 2.29 0.00	54.34 2.24 0.00	50.17 2.21 0.00	45.29 1.99 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	48.11 2.94 0.00	42.04 2.34 0.00	38.22 2.16 0.00	35.77 2.02 0.00	35.76 1.90 0.00	36.93 1.93 0.00	39.94 2.15 0.00	42.24 2.50 0.00	42.62 2.68 0.00	40.17 2.49 0.00	37.37 2.67 2.43	42.07 2.86 1.14	39.81 3.01 3.81	42.51 3.17 3.52	43.23 3.36 3.71	49.73 3.82 1.85	57.56 4.02 0.00	67.17 4.39 0.00	75.90 3.89 0.00	70.85 3.50 0.00	60.07 2.81 0.00	54.80 2.71 0.00	50.60 2.64 0.00	45.73 2.42 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.11 2.94 0.00	42.04 2.34 0.00	38.22 2.16 0.00	35.77 2.02 0.00	35.76 1.90 0.00	36.93 1.93 0.00	39.94 2.15 0.00	42.24 2.50 0.00	42.62 2.68 0.00	40.17 2.49 0.00	37.37 2.67 2.43	42.07 2.86 1.14	39.81 3.01 3.81	42.51 3.17 3.52	43.23 3.36 3.71	49.73 3.82 1.85	57.56 4.02 0.00	67.17 4.39 0.00	75.90 3.89 0.00	70.85 3.50 0.00	60.07 2.81 0.00	54.80 2.71 0.00	50.60 2.64 0.00	45.73 2.42 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	47.97 2.80 0.00	41.96 2.26 0.00	38.15 2.09 0.00	35.71 1.96 0.00	35.65 1.79 0.00	36.86 1.86 0.00	39.83 2.04 0.00	42.08 2.34 0.00	42.42 2.48 0.00	39.87 2.19 0.00	39.12 2.26 0.28	42.65 2.42 0.11	42.78 2.60 0.44	45.19 2.74 0.40	46.13 2.96 0.43	50.99 3.44 0.21	57.19 3.64 0.00	66.92 4.14 0.00	75.82 3.82 0.00	71.05 3.70 0.00	60.18 2.92 0.00	54.91 2.81 0.00	50.60 2.64 0.00	45.68 2.38 0.00
POLETTI_____ 23519	48.69 3.52 0.00	42.39 2.70 0.00	38.55 2.49 0.00	36.08 2.33 0.00	36.03 2.17 0.00	37.21 2.21 0.00	40.36 2.57 0.00	42.75 3.02 0.00	43.21 3.28 0.02	40.81 3.13 0.00	44.37 3.34 -3.90	49.15 3.55 -5.26	50.43 3.74 -6.07	52.35 3.90 -5.59	53.59 4.10 -5.90	55.35 4.63 -2.95	58.42 4.87 0.00	67.85 5.09 0.02	76.38 4.39 0.02	71.23 3.91 0.02	60.34 3.09 0.02	55.00 2.92 0.02	51.08 3.12 0.02	46.25 2.94 0.00
POMONA___ESR 323819	48.02 2.85 0.00	41.99 2.30 0.00	38.22 2.16 0.00	35.67 1.92 0.00	35.72 1.86 0.00	36.93 1.92 0.00	39.94 2.15 0.00	42.24 2.50 0.00	42.62 2.68 0.00	40.21 2.53 0.00	42.29 2.64 -2.52	43.63 2.82 -0.47	47.59 3.01 -3.96	49.72 3.22 -3.65	50.84 3.40 -3.85	53.56 3.87 -1.92	57.67 4.12 0.00	67.30 4.52 0.00	75.96 3.96 0.00	70.98 3.63 0.00	60.01 2.75 0.00	54.80 2.71 0.00	50.60 2.64 0.00	45.77 2.47 0.00
PORT_JEFF_3 23555	49.83 4.65 -0.01	43.39 3.69 -0.01	39.42 3.35 -0.01	36.82 3.07 0.00	36.64 2.78 0.00	37.74 2.73 0.00	41.15 3.36 0.00	43.51 3.78 0.00	44.15 4.19 -0.01	41.61 3.92 -0.01	46.35 3.97 -5.24	49.78 4.16 -5.28	51.14 4.39 -6.13	53.09 4.59 -5.65	54.34 4.79 -5.96	56.00 5.11 -3.12	61.85 5.03 -3.27	73.26 4.71 -5.77	76.35 3.96 -0.38	70.39 3.03 -0.01	59.44 2.18 -0.01	54.70 2.60 0.00	51.61 3.64 0.00	47.20 3.90 0.00
PORT_JEFF_4 23616	49.83 4.65 -0.01	43.39 3.69 -0.01	39.42 3.35 -0.01	36.82 3.07 0.00	36.64 2.78 0.00	37.74 2.73 0.00	41.15 3.36 0.00	43.51 3.78 0.00	44.15 4.19 -0.01	41.61 3.92 -0.01	46.35 3.97 -5.24	49.78 4.16 -5.28	51.14 4.39 -6.13	53.09 4.59 -5.65	54.34 4.79 -5.96	56.00 5.11 -3.12	61.85 5.03 -3.27	73.26 4.71 -5.77	76.35 3.96 -0.38	70.39 3.03 -0.01	59.44 2.18 -0.01	54.70 2.60 0.00	51.61 3.64 0.00	47.20 3.90 0.00

PORT_JEFF_IC 23713	50.05 4.88 0.00	43.42 3.73 0.00	39.48 3.43 0.00	36.95 3.21 0.00	36.67 2.81 0.00	37.77 2.77 0.00	41.11 3.33 0.00	43.43 3.70 0.00	44.14 4.19 0.00	41.64 3.96 0.00	46.42 4.05 -5.24	49.86 4.24 -5.28	51.21 4.47 -6.12	53.17 4.67 -5.64	54.42 4.88 -5.95	56.23 5.25 -3.21	62.94 5.25 -4.15	77.81 4.83 -10.20	76.50 4.10 -0.39	70.67 3.30 -0.02	59.85 2.58 -0.01	55.69 3.59 0.00	52.09 4.12 0.00	47.28 3.98 0.00
PPL PILGRIM_ST_GT1 24216	50.15 4.97 -0.01	43.71 4.01 -0.01	39.71 3.64 -0.01	37.06 3.31 0.00	36.87 3.01 0.00	38.05 3.04 0.00	41.42 3.63 0.00	43.86 4.13 0.00	44.43 4.47 -0.01	41.91 4.22 -0.01	46.64 4.27 -5.24	50.14 4.52 -5.28	51.46 4.71 -6.13	53.39 4.88 -5.65	54.60 5.05 -5.96	56.10 5.35 -2.98	78.79 5.62 -19.62	68.36 5.59 0.00	80.46 4.96 -3.49	71.25 3.90 0.00	60.08 2.81 -0.02	55.12 3.02 0.00	52.09 4.13 0.00	47.59 4.29 0.00
PPL PILGRIM_ST_GT2 24217	50.15 4.97 -0.01	43.71 4.01 -0.01	39.71 3.64 -0.01	37.06 3.31 0.00	36.87 3.01 0.00	38.05 3.04 0.00	41.42 3.63 0.00	43.86 4.13 0.00	44.43 4.47 -0.01	41.91 4.22 -0.01	46.64 4.27 -5.24	50.14 4.52 -5.28	51.46 4.71 -6.13	53.39 4.88 -5.65	54.60 5.05 -5.96	56.10 5.35 -2.98	78.79 5.62 -19.62	68.36 5.59 0.00	80.46 4.96 -3.49	71.25 3.90 0.00	60.08 2.81 -0.02	55.12 3.02 0.00	52.09 4.13 0.00	47.59 4.29 0.00
PPL_SHRM_GT3 24213	49.52 4.34 -0.01	43.07 3.37 -0.01	39.17 3.10 -0.01	36.68 2.93 0.00	36.47 2.61 0.00	37.42 2.41 0.00	40.92 3.13 0.00	43.15 3.42 0.00	43.83 3.87 -0.01	41.35 3.65 -0.01	46.05 3.68 -5.24	49.46 3.83 -5.28	50.85 4.10 -6.13	52.88 4.37 -5.65	54.17 4.62 -5.96	55.87 4.97 -3.14	62.31 5.14 -3.62	74.49 5.08 -6.63	76.81 4.39 -0.42	70.66 3.30 -0.01	59.50 2.23 -0.01	54.54 2.45 0.00	51.27 3.31 0.00	46.85 3.55 0.00
PPL_SHRM_GT4 24214	49.52 4.34 -0.01	43.07 3.37 -0.01	39.17 3.10 -0.01	36.68 2.93 0.00	36.47 2.61 0.00	37.42 2.41 0.00	40.92 3.13 0.00	43.15 3.42 0.00	43.83 3.87 -0.01	41.35 3.65 -0.01	46.05 3.68 -5.24	49.46 3.83 -5.28	50.85 4.10 -6.13	52.88 4.37 -5.65	54.17 4.62 -5.96	55.87 4.97 -3.14	62.31 5.14 -3.62	74.49 5.08 -6.63	76.81 4.39 -0.42	70.66 3.30 -0.01	59.50 2.23 -0.01	54.54 2.45 0.00	51.27 3.31 0.00	46.85 3.55 0.00
PROJECT___ORANGE 1 24174	44.63 -0.54 0.00	39.34 -0.36 0.00	35.66 -0.40 0.00	33.34 -0.40 0.00	33.52 -0.34 0.00	34.65 -0.35 0.00	37.49 -0.30 0.00	39.33 -0.40 0.00	39.59 -0.36 0.00	37.27 -0.41 0.00	36.68 -0.45 0.00	39.86 -0.48 0.00	40.30 -0.32 0.00	42.64 -0.21 0.00	43.46 -0.13 0.00	47.48 -0.29 0.00	53.28 -0.27 0.00	62.59 -0.19 0.00	71.57 -0.43 0.00	67.28 -0.07 0.00	57.26 0.00 0.00	51.94 -0.16 0.00	47.77 -0.19 0.00	43.13 -0.17 0.00
PROJECT___ORANGE 2 24166	44.63 -0.54 0.00	39.34 -0.36 0.00	35.66 -0.40 0.00	33.34 -0.40 0.00	33.52 -0.34 0.00	34.65 -0.35 0.00	37.49 -0.30 0.00	39.33 -0.40 0.00	39.59 -0.36 0.00	37.27 -0.41 0.00	36.68 -0.45 0.00	39.86 -0.48 0.00	40.30 -0.32 0.00	42.64 -0.21 0.00	43.46 -0.13 0.00	47.48 -0.29 0.00	53.28 -0.27 0.00	62.59 -0.19 0.00	71.57 -0.43 0.00	67.28 -0.07 0.00	57.26 0.00 0.00	51.94 -0.16 0.00	47.77 -0.19 0.00	43.13 -0.17 0.00
PUCKETT___SOLAR 323809	46.12 0.95 0.00	40.64 0.95 0.00	36.85 0.79 0.00	34.53 0.78 0.00	34.67 0.81 0.00	35.91 0.91 0.00	38.77 0.98 0.00	40.49 0.75 0.00	40.55 0.60 0.00	38.02 0.34 0.00	37.39 0.26 0.00	40.63 0.28 0.00	41.03 0.41 0.00	43.45 0.60 0.00	44.33 0.74 0.00	48.48 0.72 0.00	54.56 1.01 0.00	64.22 1.45 0.00	73.59 1.58 0.00	69.56 2.22 0.00	59.21 1.95 0.00	53.71 1.62 0.00	49.45 1.49 0.00	44.73 1.43 0.00
PYRITES___HYD 24023	45.98 0.81 0.00	40.41 0.71 0.00	36.74 0.69 0.00	34.32 0.57 0.00	34.54 0.68 0.00	35.67 0.67 0.00	38.77 0.98 0.00	40.41 0.68 0.00	40.31 0.36 0.00	37.84 0.15 0.00	37.17 0.04 0.00	40.30 -0.04 0.00	40.38 -0.24 0.00	42.43 -0.43 0.00	42.76 -0.83 0.00	46.57 -1.19 0.00	52.58 -0.96 0.00	62.09 -0.69 0.00	72.65 0.65 0.00	68.08 0.74 0.00	58.06 0.80 0.00	53.09 0.99 0.00	48.83 0.86 0.00	44.08 0.78 0.00
QUAKERRD_115KV_BK1 80622	43.54 -1.63 0.00	38.74 -0.95 0.00	34.98 -1.08 0.00	32.57 -1.18 0.00	32.91 -0.95 0.00	34.13 -0.88 0.00	36.69 -1.10 0.00	38.34 -1.39 0.00	38.75 -1.20 0.00	36.55 -1.13 0.00	35.91 -1.23 0.00	38.97 -1.37 0.00	39.65 -0.97 0.00	42.00 -0.86 0.00	42.89 -0.70 0.00	46.57 -1.19 0.00	52.37 -1.18 0.00	61.71 -1.07 0.00	70.57 -1.44 0.00	66.67 -0.67 0.00	56.69 -0.57 0.00	51.21 -0.89 0.00	47.29 -0.67 0.00	42.74 -0.56 0.00
QUENSBRY_115KV_TB8 356137	47.56 2.39 0.00	41.84 2.14 0.00	37.93 1.88 0.00	35.40 1.65 0.00	35.48 1.63 0.00	36.75 1.75 0.00	39.60 1.81 0.00	41.60 1.87 0.00	41.62 1.68 0.00	38.89 1.21 0.00	37.80 0.85 0.18	41.24 0.97 0.07	41.15 0.81 0.29	43.36 0.77 0.27	44.22 0.92 0.28	48.77 1.15 0.14	54.78 1.23 0.00	64.79 2.01 0.00	74.60 2.59 0.00	70.64 3.30 0.00	60.29 3.03 0.00	54.80 2.71 0.00	50.17 2.21 0.00	45.08 1.78 0.00
RAMAPO___LBMP 323565	47.88 2.71 0.00	41.80 2.10 0.00	38.04 1.98 0.00	35.64 1.89 0.00	35.59 1.73 0.00	36.79 1.79 0.00	39.75 1.96 0.00	42.04 2.30 0.00	42.42 2.48 0.00	39.98 2.30 0.00	41.94 2.49 -2.32	43.87 2.66 -0.87	47.11 2.84 -3.65	49.22 3.00 -3.36	50.36 3.23 -3.55	53.22 3.68 -1.77	57.46 3.91 0.00	66.98 4.21 0.00	75.61 3.60 0.00	70.64 3.30 0.00	59.84 2.58 0.00	54.60 2.50 0.00	50.46 2.49 0.00	45.60 2.29 0.00
RANKINE____ 23646	43.91 -1.26 0.00	39.50 -0.20 0.00	35.59 -0.47 0.00	33.07 -0.67 0.00	33.55 -0.30 0.00	34.69 -0.32 0.00	36.96 -0.83 0.00	37.83 -1.91 0.00	38.03 -1.92 0.00	36.29 -1.39 0.00	35.53 -1.60 0.00	38.32 -2.02 0.00	39.93 -0.69 0.00	42.47 -0.39 0.00	43.50 -0.09 0.00	46.76 -1.00 0.00	52.80 -0.75 0.00	62.21 -0.57 0.00	70.49 -1.51 0.00	67.28 -0.07 0.00	57.09 -0.17 0.00	51.37 -0.73 0.00	47.82 -0.14 0.00	43.82 0.52 0.00
RAVENSWOOD_GT2_1 24244	48.74 3.57 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.28 2.28 0.00	40.43 2.65 0.00	42.83 3.10 0.00	43.26 3.32 0.00	40.85 3.17 0.00	44.43 3.38 -3.92	49.21 3.59 -5.28	50.48 3.78 -6.08	52.40 3.94 -5.61	53.64 4.14 -5.91	55.40 4.68 -2.95	58.47 4.93 0.00	67.99 5.21 0.00	76.54 4.54 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.33 3.03 0.00
RAVENSWOOD_GT2_2 24245	48.74 3.57 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.28 2.28 0.00	40.43 2.65 0.00	42.83 3.10 0.00	43.26 3.32 0.00	40.85 3.17 0.00	44.43 3.38 -3.92	49.21 3.59 -5.28	50.48 3.78 -6.08	52.40 3.94 -5.61	53.64 4.14 -5.91	55.40 4.68 -2.95	58.47 4.93 0.00	67.99 5.21 0.00	76.54 4.54 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.33 3.03 0.00

RAVENSWOOD_GT2_3 24246	48.78 3.61 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.31 2.31 0.00	40.43 2.65 0.00	42.83 3.10 0.00	43.26 3.32 0.00	40.89 3.20 0.00	44.43 3.38 -3.92	49.25 3.63 -5.28	50.48 3.78 -6.08	52.45 3.99 -5.61	53.69 4.18 -5.91	55.45 4.73 -2.95	58.53 4.98 0.00	67.99 5.21 0.00	76.62 4.61 0.00	71.45 4.11 0.00	60.52 3.26 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.38 3.07 0.00
RAVENSWOOD_GT2_4 24247	48.78 3.61 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.31 2.31 0.00	40.43 2.65 0.00	42.83 3.10 0.00	43.26 3.32 0.00	40.89 3.20 0.00	44.43 3.38 -3.92	49.25 3.63 -5.28	50.48 3.78 -6.08	52.45 3.99 -5.61	53.69 4.18 -5.91	55.45 4.73 -2.95	58.53 4.98 0.00	67.99 5.21 0.00	76.62 4.61 0.00	71.45 4.11 0.00	60.52 3.26 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.38 3.07 0.00
RAVENSWOOD_GT3_1 24248	48.74 3.57 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.28 2.28 0.00	40.43 2.65 0.00	42.83 3.10 0.00	43.26 3.32 0.00	40.85 3.17 0.00	44.43 3.38 -3.92	49.25 3.63 -5.28	50.48 3.78 -6.08	52.40 3.94 -5.61	53.64 4.14 -5.91	55.40 4.68 -2.95	58.53 4.98 0.00	67.99 5.21 0.00	76.54 4.54 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.33 3.03 0.00
RAVENSWOOD_GT3_2 24249	48.74 3.57 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.28 2.28 0.00	40.43 2.65 0.00	42.83 3.10 0.00	43.26 3.32 0.00	40.85 3.17 0.00	44.43 3.38 -3.92	49.25 3.63 -5.28	50.48 3.78 -6.08	52.40 3.94 -5.61	53.64 4.14 -5.91	55.40 4.68 -2.95	58.53 4.98 0.00	67.99 5.21 0.00	76.54 4.54 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.33 3.03 0.00
RAVENSWOOD_GT3_3 24250	48.83 3.66 0.00	42.55 2.86 0.00	38.69 2.63 0.00	36.18 2.43 0.00	36.13 2.27 0.00	37.35 2.35 0.00	40.47 2.68 0.00	42.87 3.14 0.00	43.34 3.40 0.00	40.93 3.24 0.00	44.50 3.45 -3.92	49.29 3.67 -5.28	50.56 3.86 -6.08	52.49 4.03 -5.61	53.73 4.23 -5.91	55.50 4.78 -2.95	58.63 5.09 0.00	68.11 5.34 0.00	76.69 4.68 0.00	71.52 4.18 0.00	60.58 3.32 0.00	55.27 3.18 0.00	51.22 3.26 0.00	46.42 3.12 0.00
RAVENSWOOD_GT3_4 24251	48.83 3.66 0.00	42.55 2.86 0.00	38.69 2.63 0.00	36.18 2.43 0.00	36.13 2.27 0.00	37.35 2.35 0.00	40.47 2.68 0.00	42.87 3.14 0.00	43.34 3.40 0.00	40.93 3.24 0.00	44.50 3.45 -3.92	49.29 3.67 -5.28	50.56 3.86 -6.08	52.49 4.03 -5.61	53.73 4.23 -5.91	55.50 4.78 -2.95	58.63 5.09 0.00	68.11 5.34 0.00	76.69 4.68 0.00	71.52 4.18 0.00	60.58 3.32 0.00	55.27 3.18 0.00	51.22 3.26 0.00	46.42 3.12 0.00
RAVENSWOOD_GT_1 23729	49.01 3.84 0.00	42.67 2.98 0.00	38.80 2.74 0.00	36.31 2.56 0.00	36.26 2.40 0.00	37.38 2.38 0.00	40.55 2.76 0.00	42.87 3.14 0.00	43.26 3.32 0.00	41.00 3.32 0.00	44.46 3.42 -3.92	49.37 3.75 -5.28	50.44 3.74 -6.08	52.40 3.94 -5.61	53.51 4.01 -5.91	55.40 4.68 -2.95	58.47 4.93 0.00	67.68 4.90 0.00	76.18 4.18 0.00	71.05 3.70 0.00	60.18 2.92 0.00	54.91 2.81 0.00	50.94 2.97 0.00	46.55 3.25 0.00
RAVENSWOOD_GT_10 24258	48.74 3.57 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.28 2.28 0.00	40.43 2.65 0.00	42.83 3.10 0.00	43.26 3.32 0.00	40.85 3.17 0.00	44.43 3.38 -3.92	49.25 3.63 -5.28	50.48 3.78 -6.08	52.40 3.94 -5.61	53.64 4.14 -5.91	55.40 4.68 -2.95	58.53 4.98 0.00	67.99 5.21 0.00	76.62 4.61 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.33 3.03 0.00
RAVENSWOOD_GT_11 24259	48.74 3.57 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.28 2.28 0.00	40.43 2.65 0.00	42.83 3.10 0.00	43.26 3.32 0.00	40.85 3.17 0.00	44.43 3.38 -3.92	49.25 3.63 -5.28	50.48 3.78 -6.08	52.40 3.94 -5.61	53.64 4.14 -5.91	55.40 4.68 -2.95	58.53 4.98 0.00	67.99 5.21 0.00	76.62 4.61 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.33 3.03 0.00
RAVENSWOOD_GT_4 24252	48.74 3.57 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.28 2.28 0.00	40.43 2.65 0.00	42.83 3.10 0.00	43.26 3.32 0.00	40.85 3.17 0.00	44.43 3.38 -3.92	49.25 3.63 -5.28	50.48 3.78 -6.08	52.40 3.94 -5.61	53.64 4.14 -5.91	55.40 4.68 -2.95	58.53 4.98 0.00	67.99 5.21 0.00	76.54 4.54 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.33 3.03 0.00
RAVENSWOOD_GT_5 24254	48.74 3.57 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.28 2.28 0.00	40.43 2.65 0.00	42.83 3.10 0.00	43.26 3.32 0.00	40.85 3.17 0.00	44.43 3.38 -3.92	49.25 3.63 -5.28	50.48 3.78 -6.08	52.40 3.94 -5.61	53.64 4.14 -5.91	55.40 4.68 -2.95	58.53 4.98 0.00	67.99 5.21 0.00	76.54 4.54 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.33 3.03 0.00
RAVENSWOOD_GT_6 24253	48.74 3.57 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.28 2.28 0.00	40.43 2.65 0.00	42.83 3.10 0.00	43.26 3.32 0.00	40.85 3.17 0.00	44.43 3.38 -3.92	49.25 3.63 -5.28	50.48 3.78 -6.08	52.40 3.94 -5.61	53.64 4.14 -5.91	55.40 4.68 -2.95	58.53 4.98 0.00	67.99 5.21 0.00	76.54 4.54 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.33 3.03 0.00
RAVENSWOOD_GT_7 24255	48.74 3.57 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.28 2.28 0.00	40.43 2.65 0.00	42.83 3.10 0.00	43.26 3.32 0.00	40.85 3.17 0.00	44.43 3.38 -3.92	49.25 3.63 -5.28	50.48 3.78 -6.08	52.40 3.94 -5.61	53.64 4.14 -5.91	55.40 4.68 -2.95	58.53 4.98 0.00	67.99 5.21 0.00	76.54 4.54 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.33 3.03 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	48.74 3.57 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.28 2.28 0.00	40.43 2.65 0.00	42.83 3.10 0.00	43.26 3.32 0.00	40.85 3.17 0.00	44.43 3.38 -3.92	49.25 3.63 -5.28	50.48 3.78 -6.08	52.40 3.94 -5.61	53.64 4.14 -5.91	55.40 4.68 -2.95	58.53 4.98 0.00	67.99 5.21 0.00	76.62 4.61 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.33 3.03 0.00
RAVENSWOOD_GT_9 24257	48.74 3.57 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.28 2.28 0.00	40.43 2.65 0.00	42.83 3.10 0.00	43.26 3.32 0.00	40.85 3.17 0.00	44.43 3.38 -3.92	49.25 3.63 -5.28	50.48 3.78 -6.08	52.40 3.94 -5.61	53.64 4.14 -5.91	55.40 4.68 -2.95	58.53 4.98 0.00	67.99 5.21 0.00	76.62 4.61 0.00	71.38 4.04 0.00	60.47 3.21 0.00	55.17 3.07 0.00	51.18 3.21 0.00	46.33 3.03 0.00

RAVENSWOOD___1 23533	48.93 3.75 -0.01	42.68 2.98 -0.01	38.81 2.74 -0.01	36.22 2.46 -0.01	36.27 2.40 -0.01	37.35 2.35 0.00	40.58 2.80 0.00	42.95 3.22 0.00	43.34 3.39 0.00	41.04 3.35 0.00	44.54 3.49 -3.92	49.29 3.67 -5.28	50.40 3.70 -6.08	52.32 3.86 -5.61	53.47 3.97 -5.91	55.31 4.59 -2.95	58.31 4.76 0.00	67.54 4.77 0.01	76.10 4.10 0.01	70.90 3.57 0.01	59.94 2.69 0.01	54.80 2.71 0.01	50.79 2.83 0.00	46.51 3.20 0.00
RAVENSWOOD___2 23534	48.84 3.66 -0.01	42.60 2.90 -0.01	38.73 2.67 -0.01	36.15 2.40 -0.01	36.20 2.33 -0.01	37.28 2.27 0.00	40.51 2.72 0.00	42.87 3.14 0.00	43.26 3.31 0.00	40.96 3.28 0.00	44.46 3.41 -3.92	49.17 3.55 -5.28	50.28 3.58 -6.08	52.23 3.77 -5.61	53.34 3.84 -5.91	55.21 4.49 -2.95	58.10 4.55 0.00	66.98 4.21 0.01	75.38 3.39 0.01	70.30 2.96 0.01	59.54 2.29 0.01	54.64 2.55 0.01	50.70 2.73 0.00	46.42 3.12 0.00
RAVENSWOOD___3 23535	48.70 3.53 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.04 2.30 0.00	36.09 2.23 0.00	37.28 2.27 0.00	40.43 2.64 0.00	42.87 3.14 0.00	43.30 3.36 0.00	40.93 3.24 0.00	44.39 3.34 -3.92	49.21 3.59 -5.28	50.48 3.78 -6.08	52.40 3.94 -5.61	53.65 4.14 -5.91	55.41 4.68 -2.95	58.47 4.92 0.00	67.99 5.21 0.00	76.55 4.54 0.00	71.38 4.04 0.00	60.29 3.03 0.00	55.12 3.02 0.00	51.08 3.12 0.00	46.33 3.03 0.00
RAVENSWOOD___4 23820	48.88 3.70 -0.01	42.64 2.94 -0.01	38.81 2.74 -0.01	36.19 2.43 -0.01	36.27 2.40 -0.01	37.35 2.35 0.00	40.55 2.76 0.00	42.91 3.18 0.00	43.30 3.36 0.00	41.00 3.32 0.00	44.50 3.45 -3.92	49.25 3.63 -5.28	50.36 3.66 -6.08	52.27 3.81 -5.61	53.43 3.92 -5.91	55.26 4.54 -2.95	58.26 4.71 0.00	67.48 4.71 0.01	75.96 3.96 0.01	70.84 3.50 0.01	59.83 2.58 0.01	54.69 2.60 0.01	50.74 2.78 0.00	46.51 3.20 0.00
RCPL_TRUST___DRP 24196	48.78 3.61 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.31 2.31 0.00	40.47 2.68 0.00	42.87 3.14 0.00	43.34 3.40 0.00	40.93 3.24 0.00	44.47 3.45 -3.88	49.32 3.71 -5.26	50.53 3.86 -6.05	52.51 4.07 -5.58	53.75 4.27 -5.89	55.53 4.82 -2.94	58.69 5.14 0.00	68.18 5.40 0.00	76.76 4.75 0.00	71.52 4.18 0.00	60.58 3.32 0.00	55.22 3.13 0.00	51.22 3.26 0.00	46.33 3.03 0.00
RED___ROCHESTER 323720	44.95 -0.22 0.00	39.89 0.20 0.00	35.99 -0.07 0.00	33.82 0.07 0.00	33.83 -0.03 0.00	35.07 0.07 0.00	37.64 -0.15 0.00	39.41 -0.32 0.00	39.79 -0.16 0.00	37.61 -0.08 0.00	37.09 -0.04 0.00	40.26 -0.08 0.00	40.83 0.20 0.00	43.28 0.43 0.00	44.24 0.65 0.00	48.10 0.34 0.00	54.03 0.48 0.00	63.66 0.88 0.00	72.87 0.87 0.00	68.96 1.61 0.00	58.58 1.32 0.00	52.88 0.78 0.00	48.92 0.96 0.00	44.17 0.87 0.00
REGAN___SOLAR 323812	48.97 3.79 0.00	42.99 3.29 0.00	39.02 2.96 0.00	36.38 2.63 0.00	36.57 2.71 0.00	37.91 2.90 0.00	40.70 2.91 0.00	42.39 2.66 0.00	42.26 2.32 0.00	39.34 1.66 0.00	38.54 1.56 0.15	41.98 1.69 0.05	42.06 1.67 0.23	44.44 1.80 0.21	45.41 2.05 0.22	50.00 2.34 0.11	56.28 2.73 0.00	66.74 3.96 0.00	76.68 4.68 0.00	73.00 5.66 0.00	62.30 5.04 0.00	56.58 4.48 0.00	51.85 3.88 0.00	46.68 3.38 0.00
RENSSELAER___COGEN 23796	46.21 1.04 0.00	40.61 0.91 0.00	37.03 0.97 0.00	34.62 0.88 0.00	34.74 0.88 0.00	35.84 0.84 0.00	38.54 0.76 0.00	40.61 0.87 0.00	40.79 0.84 0.00	38.32 0.64 0.00	37.63 0.70 0.20	40.96 0.69 0.07	41.00 0.69 0.31	43.21 0.64 0.29	44.07 0.79 0.31	48.57 0.95 0.15	54.46 0.91 0.00	63.84 1.07 0.00	72.65 0.65 0.00	68.16 0.81 0.00	58.00 0.74 0.00	52.88 0.78 0.00	48.59 0.62 0.00	43.82 0.52 0.00
REPUBLIC_115KV_BARTNBK 55605	49.33 4.16 0.00	43.35 3.65 0.00	39.27 3.21 0.00	36.52 2.77 0.00	36.67 2.81 0.00	38.01 3.01 0.00	40.89 3.10 0.00	42.87 3.14 0.00	42.74 2.80 0.00	39.76 2.07 0.00	38.58 1.63 0.19	42.13 1.86 0.07	41.92 1.58 0.29	44.30 1.71 0.27	45.18 1.87 0.28	49.82 2.20 0.14	56.01 2.46 0.00	66.73 3.96 0.00	76.90 4.90 0.00	73.41 6.06 0.00	62.76 5.50 0.00	56.94 4.84 0.00	51.99 4.03 0.00	46.59 3.29 0.00
REVERE_CPPR_DRP 24186	46.75 1.58 0.00	41.12 1.43 0.00	37.28 1.23 0.00	34.79 1.05 0.00	35.04 1.19 0.00	36.37 1.37 0.00	39.38 1.59 0.00	41.20 1.47 0.00	41.34 1.40 0.00	38.66 0.98 0.00	38.02 0.89 0.00	41.35 1.01 0.00	41.52 0.89 0.00	43.80 0.94 0.00	44.59 1.00 0.00	48.72 0.96 0.00	54.99 1.45 0.00	64.79 2.01 0.00	74.67 2.66 0.00	70.37 3.03 0.00	59.95 2.69 0.00	54.65 2.55 0.00	50.17 2.21 0.00	45.21 1.91 0.00
REYNLDPA_13_KV_LD 356490	44.94 -0.23 0.00	39.50 -0.20 0.00	35.88 -0.18 0.00	33.58 -0.17 0.00	33.72 -0.14 0.00	34.76 -0.25 0.00	37.68 -0.11 0.00	39.53 -0.20 0.00	39.63 -0.32 0.00	37.38 -0.30 0.00	36.83 -0.30 0.00	39.98 -0.36 0.00	40.09 -0.53 0.00	42.17 -0.69 0.00	42.67 -0.92 0.00	46.72 -1.05 0.00	52.58 -0.96 0.00	61.77 -1.00 0.00	71.65 -0.36 0.00	66.74 -0.61 0.00	56.74 -0.52 0.00	51.63 -0.47 0.00	47.53 -0.43 0.00	42.95 -0.35 0.00
REYNOLDS_115KV_TB3 80639	46.66 1.49 0.00	40.96 1.27 0.00	37.32 1.26 0.00	34.96 1.21 0.00	34.98 1.12 0.00	36.12 1.12 0.00	38.92 1.13 0.00	41.00 1.27 0.00	41.19 1.24 0.00	38.74 1.06 0.00	38.00 1.08 0.21	41.40 1.13 0.07	41.35 1.06 0.33	43.58 1.03 0.30	44.45 1.18 0.32	49.04 1.43 0.16	54.94 1.39 0.00	64.35 1.57 0.00	73.23 1.22 0.00	68.69 1.35 0.00	58.46 1.20 0.00	53.29 1.20 0.00	48.97 1.01 0.00	44.17 0.87 0.00
RIVERBAY____ 323610	49.82 4.65 0.00	43.42 3.73 0.00	39.52 3.46 0.00	36.92 3.17 0.00	36.91 3.05 0.00	37.98 2.98 0.00	41.19 3.40 0.00	43.39 3.66 0.00	43.66 3.72 0.00	41.38 3.69 0.00	44.83 3.79 -3.92	49.70 4.07 -5.28	50.85 4.14 -6.08	52.83 4.37 -5.61	53.95 4.45 -5.91	55.98 5.25 -2.95	59.22 5.68 0.00	68.68 5.90 0.00	77.41 5.40 0.00	72.19 4.85 0.00	61.21 3.95 0.00	55.64 3.54 0.00	51.66 3.69 0.00	47.37 4.07 0.00
RIVERSDE_115KV_TB3 55908	46.53 1.36 0.00	40.81 1.11 0.00	37.21 1.15 0.00	34.86 1.11 0.00	34.91 1.05 0.00	36.02 1.02 0.00	38.81 1.02 0.00	40.88 1.15 0.00	41.07 1.12 0.00	38.63 0.94 0.00	37.89 0.97 0.20	41.28 1.01 0.07	41.24 0.93 0.32	43.42 0.86 0.29	44.28 1.00 0.31	48.85 1.24 0.15	54.78 1.23 0.00	64.16 1.38 0.00	73.01 1.01 0.00	68.49 1.14 0.00	58.29 1.03 0.00	53.14 1.04 0.00	48.87 0.91 0.00	44.04 0.74 0.00
ROARING___BROOK_WT_PWR 323790	44.72 -0.45 0.00	39.26 -0.44 0.00	35.66 -0.40 0.00	33.38 -0.37 0.00	33.52 -0.34 0.00	34.65 -0.35 0.00	37.48 -0.30 0.00	39.46 -0.28 0.00	39.67 -0.28 0.00	37.42 -0.26 0.00	36.87 -0.26 0.00	40.02 -0.32 0.00	40.26 -0.37 0.00	42.43 -0.43 0.00	43.11 -0.48 0.00	47.24 -0.52 0.00	52.96 -0.59 0.00	62.15 -0.63 0.00	71.51 -0.50 0.00	66.88 -0.47 0.00	56.92 -0.34 0.00	51.79 -0.31 0.00	47.72 -0.24 0.00	43.13 -0.17 0.00

ROCHESRG_115KV_T4 355643	44.22 -0.95 0.00	39.46 -0.24 0.00	35.59 -0.47 0.00	33.14 -0.61 0.00	33.52 -0.34 0.00	34.72 -0.28 0.00	37.26 -0.53 0.00	38.98 -0.75 0.00	39.35 -0.60 0.00	37.19 -0.49 0.00	36.50 -0.63 0.00	39.58 -0.77 0.00	40.38 -0.24 0.00	42.81 -0.04 0.00	43.76 0.17 0.00	47.43 -0.33 0.00	53.39 -0.16 0.00	62.90 0.13 0.00	71.93 -0.07 0.00	68.02 0.67 0.00	57.83 0.57 0.00	52.20 0.10 0.00	48.25 0.29 0.00	43.69 0.39 0.00
ROCHESTER_9_IC 23652	44.49 -0.68 0.00	39.69 0.00 0.00	35.81 -0.25 0.00	33.31 -0.44 0.00	33.69 -0.17 0.00	34.93 -0.07 0.00	37.49 -0.30 0.00	39.14 -0.60 0.00	39.55 -0.40 0.00	37.38 -0.30 0.00	36.68 -0.45 0.00	39.78 -0.56 0.00	40.58 -0.04 0.00	43.03 0.17 0.00	43.98 0.39 0.00	47.67 -0.10 0.00	53.65 0.11 0.00	63.28 0.50 0.00	72.29 0.29 0.00	68.42 1.08 0.00	58.12 0.86 0.00	52.51 0.42 0.00	48.49 0.53 0.00	43.91 0.61 0.00
ROCKVIEW_13_KV_LD 356306	48.74 3.57 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.31 2.31 0.00	40.43 2.65 0.00	42.79 3.06 0.00	43.22 3.28 0.00	40.77 3.09 0.00	44.30 3.30 -3.86	49.15 3.55 -5.26	50.42 3.74 -6.06	52.39 3.94 -5.59	53.63 4.14 -5.90	55.39 4.68 -2.95	58.53 4.98 0.00	68.18 5.40 0.00	76.90 4.90 0.00	71.72 4.38 0.00	60.75 3.49 0.00	55.38 3.28 0.00	51.22 3.26 0.00	46.33 3.03 0.00
ROME____115KV_TB2 80656	46.75 1.58 0.00	41.12 1.43 0.00	37.28 1.23 0.00	34.79 1.05 0.00	35.04 1.19 0.00	36.37 1.37 0.00	39.38 1.59 0.00	41.20 1.47 0.00	41.34 1.40 0.00	38.66 0.98 0.00	38.02 0.89 0.00	41.35 1.01 0.00	41.52 0.89 0.00	43.80 0.94 0.00	44.59 1.00 0.00	48.72 0.96 0.00	54.99 1.45 0.00	64.79 2.01 0.00	74.67 2.66 0.00	70.37 3.03 0.00	59.95 2.69 0.00	54.65 2.55 0.00	50.17 2.21 0.00	45.21 1.91 0.00
ROSETON___1 23587	47.56 2.39 0.00	41.60 1.91 0.00	37.86 1.80 0.00	35.37 1.62 0.00	35.45 1.59 0.00	36.62 1.61 0.00	39.56 1.78 0.00	41.84 2.10 0.00	42.14 2.20 0.00	39.72 2.03 0.00	39.09 2.12 0.16	42.47 2.26 0.13	42.81 2.44 0.25	45.15 2.53 0.23	46.05 2.70 0.24	50.70 3.06 0.12	56.76 3.21 0.00	66.23 3.45 0.00	74.96 2.95 0.00	70.04 2.70 0.00	59.38 2.12 0.00	54.23 2.14 0.00	50.02 2.06 0.00	45.29 1.99 0.00
ROSETON___2 23588	47.56 2.39 0.00	41.60 1.91 0.00	37.86 1.80 0.00	35.37 1.62 0.00	35.45 1.59 0.00	36.62 1.61 0.00	39.56 1.78 0.00	41.84 2.10 0.00	42.14 2.20 0.00	39.72 2.03 0.00	39.09 2.12 0.16	42.47 2.26 0.13	42.81 2.44 0.25	45.15 2.53 0.23	46.05 2.70 0.24	50.70 3.06 0.12	56.76 3.21 0.00	66.23 3.45 0.00	74.96 2.95 0.00	70.04 2.70 0.00	59.38 2.12 0.00	54.23 2.14 0.00	50.02 2.06 0.00	45.29 1.99 0.00
ROTTRDAM_115KV_TB3 80664	46.71 1.54 0.00	41.00 1.31 0.00	37.25 1.19 0.00	34.90 1.15 0.00	34.94 1.08 0.00	36.12 1.12 0.00	38.92 1.13 0.00	40.92 1.19 0.00	41.07 1.12 0.00	38.59 0.90 0.00	37.85 0.89 0.17	41.25 0.97 0.06	41.32 0.97 0.27	43.63 1.03 0.25	44.45 1.13 0.27	48.97 1.34 0.13	54.94 1.39 0.00	64.47 1.70 0.00	73.66 1.66 0.00	69.23 1.89 0.00	58.92 1.66 0.00	53.66 1.56 0.00	49.35 1.39 0.00	44.51 1.21 0.00
RUSSELL___1 23602	44.72 -0.45 0.00	39.89 0.20 0.00	35.99 -0.07 0.00	33.44 -0.30 0.00	33.83 -0.03 0.00	35.07 0.07 0.00	37.64 -0.15 0.00	39.33 -0.40 0.00	39.75 -0.20 0.00	37.57 -0.11 0.00	36.87 -0.26 0.00	40.02 -0.32 0.00	40.83 0.20 0.00	43.28 0.43 0.00	44.24 0.65 0.00	47.96 0.19 0.00	53.98 0.43 0.00	63.66 0.88 0.00	72.87 0.86 0.00	68.96 1.62 0.00	58.58 1.32 0.00	52.83 0.73 0.00	48.78 0.82 0.00	44.12 0.82 0.00
RUSSELL___2 23532	44.72 -0.45 0.00	39.89 0.20 0.00	35.99 -0.07 0.00	33.44 -0.30 0.00	33.83 -0.03 0.00	35.07 0.07 0.00	37.64 -0.15 0.00	39.33 -0.40 0.00	39.75 -0.20 0.00	37.57 -0.11 0.00	36.87 -0.26 0.00	40.02 -0.32 0.00	40.83 0.20 0.00	43.28 0.43 0.00	44.24 0.65 0.00	47.96 0.19 0.00	53.98 0.43 0.00	63.66 0.88 0.00	72.87 0.86 0.00	68.96 1.62 0.00	58.58 1.32 0.00	52.83 0.73 0.00	48.78 0.82 0.00	44.12 0.82 0.00
RUSSELL___3 23549	44.72 -0.45 0.00	39.89 0.20 0.00	35.99 -0.07 0.00	33.44 -0.30 0.00	33.83 -0.03 0.00	35.07 0.07 0.00	37.64 -0.15 0.00	39.33 -0.40 0.00	39.75 -0.20 0.00	37.57 -0.11 0.00	36.87 -0.26 0.00	40.02 -0.32 0.00	40.83 0.20 0.00	43.28 0.43 0.00	44.24 0.65 0.00	47.96 0.19 0.00	53.98 0.43 0.00	63.66 0.88 0.00	72.87 0.86 0.00	68.96 1.62 0.00	58.58 1.32 0.00	52.83 0.73 0.00	48.78 0.82 0.00	44.12 0.82 0.00
RUSSELL___4 23556	44.72 -0.45 0.00	39.89 0.20 0.00	35.99 -0.07 0.00	33.44 -0.30 0.00	33.83 -0.03 0.00	35.07 0.07 0.00	37.64 -0.15 0.00	39.33 -0.40 0.00	39.75 -0.20 0.00	37.57 -0.11 0.00	36.87 -0.26 0.00	40.02 -0.32 0.00	40.83 0.20 0.00	43.28 0.43 0.00	44.24 0.65 0.00	47.96 0.19 0.00	53.98 0.43 0.00	63.66 0.88 0.00	72.87 0.86 0.00	68.96 1.62 0.00	58.58 1.32 0.00	52.83 0.73 0.00	48.78 0.82 0.00	44.12 0.82 0.00
RUSSELL___STATION 23914	44.72 -0.45 0.00	39.89 0.20 0.00	35.99 -0.07 0.00	33.44 -0.30 0.00	33.83 -0.03 0.00	35.07 0.07 0.00	37.64 -0.15 0.00	39.33 -0.40 0.00	39.75 -0.20 0.00	37.57 -0.11 0.00	36.87 -0.26 0.00	40.02 -0.32 0.00	40.83 0.20 0.00	43.28 0.43 0.00	44.24 0.65 0.00	47.96 0.19 0.00	53.98 0.43 0.00	63.66 0.88 0.00	72.87 0.86 0.00	68.96 1.62 0.00	58.58 1.32 0.00	52.83 0.73 0.00	48.78 0.82 0.00	44.12 0.82 0.00
S SALMON___HYD 24043	45.26 0.09 0.00	39.81 0.12 0.00	36.06 0.00 0.00	33.71 -0.03 0.00	33.89 0.03 0.00	35.07 0.07 0.00	37.90 0.11 0.00	39.69 -0.04 0.00	39.79 -0.16 0.00	37.42 -0.26 0.00	36.83 -0.30 0.00	40.06 -0.28 0.00	40.30 -0.33 0.00	42.56 -0.30 0.00	43.33 -0.26 0.00	47.38 -0.38 0.00	53.23 -0.32 0.00	62.59 -0.19 0.00	71.86 -0.14 0.00	67.75 0.41 0.00	57.77 0.51 0.00	52.62 0.52 0.00	48.44 0.48 0.00	43.65 0.34 0.00
S.PERRY__115KV_TB1 80734	45.80 0.63 0.00	40.92 1.23 0.00	36.89 0.83 0.00	34.29 0.54 0.00	34.71 0.85 0.00	36.02 1.02 0.00	38.70 0.91 0.00	40.01 0.28 0.00	39.95 0.00 0.00	37.53 -0.15 0.00	36.65 -0.48 0.00	39.70 -0.65 0.00	40.66 0.04 0.00	43.24 0.39 0.00	44.33 0.74 0.00	48.05 0.29 0.00	52.53 -1.02 0.00	62.15 -0.63 0.00	71.65 -0.36 0.00	68.62 1.28 0.00	58.63 1.37 0.00	52.83 0.73 0.00	48.68 0.72 0.00	45.51 2.21 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.63 -1.54 0.00	39.26 -0.44 0.00	35.37 -0.69 0.00	32.84 -0.91 0.00	33.39 -0.47 0.00	34.51 -0.49 0.00	36.65 -1.13 0.00	37.51 -2.23 0.00	37.79 -2.16 0.00	36.06 -1.62 0.00	35.31 -1.82 0.00	38.04 -2.30 0.00	39.61 -1.02 0.00	42.17 -0.69 0.00	43.20 -0.39 0.00	46.38 -1.39 0.00	52.37 -1.18 0.00	61.71 -1.07 0.00	69.92 -2.09 0.00	66.60 -0.74 0.00	56.57 -0.69 0.00	50.90 -1.20 0.00	47.44 -0.53 0.00	43.47 0.17 0.00

SAWYER___23_KV_LOAD 55526	43.63 -1.54 0.00	39.26 -0.44 0.00	35.37 -0.69 0.00	32.84 -0.91 0.00	33.39 -0.47 0.00	34.51 -0.49 0.00	36.65 -1.13 0.00	37.51 -2.23 0.00	37.79 -2.16 0.00	36.06 -1.62 0.00	35.31 -1.82 0.00	38.04 -2.30 0.00	39.61 -1.02 0.00	42.17 -0.69 0.00	43.20 -0.39 0.00	46.38 -1.39 0.00	52.37 -1.18 0.00	61.71 -1.07 0.00	69.92 -2.09 0.00	66.60 -0.74 0.00	56.57 -0.69 0.00	50.90 -1.20 0.00	47.44 -0.53 0.00	43.47 0.17 0.00
SELKIRK___I 23801	46.52 1.35 0.00	40.88 1.19 0.00	37.25 1.19 0.00	34.83 1.08 0.00	34.94 1.08 0.00	36.09 1.09 0.00	38.77 0.98 0.00	40.76 1.03 0.00	40.87 0.92 0.00	38.40 0.71 0.00	37.65 0.70 0.18	41.00 0.73 0.06	41.07 0.73 0.28	43.32 0.73 0.26	44.18 0.87 0.28	48.68 1.05 0.14	54.62 1.07 0.00	64.03 1.26 0.00	73.01 1.01 0.00	68.56 1.21 0.00	58.40 1.14 0.00	53.24 1.14 0.00	49.02 1.05 0.00	44.21 0.91 0.00
SELKIRK___II 23799	46.30 1.13 0.00	40.64 0.95 0.00	37.03 0.97 0.00	34.66 0.91 0.00	34.77 0.91 0.00	35.88 0.88 0.00	38.62 0.83 0.00	40.68 0.95 0.00	40.87 0.92 0.00	38.44 0.75 0.00	37.72 0.78 0.19	41.04 0.76 0.07	41.13 0.81 0.30	43.39 0.81 0.28	44.25 0.96 0.29	48.72 1.10 0.15	54.67 1.13 0.00	64.03 1.26 0.00	72.87 0.87 0.00	68.36 1.01 0.00	58.17 0.91 0.00	53.03 0.94 0.00	48.78 0.81 0.00	43.99 0.69 0.00
SENECA OSWGO___HYD 24041	44.49 -0.68 0.00	39.14 -0.56 0.00	35.48 -0.58 0.00	33.24 -0.51 0.00	33.32 -0.54 0.00	34.48 -0.52 0.00	37.30 -0.49 0.00	39.18 -0.56 0.00	39.39 -0.56 0.00	37.08 -0.60 0.00	36.50 -0.63 0.00	39.69 -0.65 0.00	40.01 -0.61 0.00	42.34 -0.51 0.00	43.11 -0.48 0.00	47.20 -0.57 0.00	52.91 -0.64 0.00	62.15 -0.63 0.00	71.15 -0.86 0.00	66.88 -0.47 0.00	56.92 -0.34 0.00	51.68 -0.42 0.00	47.53 -0.43 0.00	42.87 -0.43 0.00
SENECA___115KV_TB3 355854	44.00 -1.17 0.00	39.53 -0.16 0.00	35.66 -0.40 0.00	33.11 -0.64 0.00	33.59 -0.27 0.00	34.72 -0.28 0.00	36.99 -0.79 0.00	37.86 -1.87 0.00	38.11 -1.84 0.00	36.33 -1.36 0.00	35.61 -1.52 0.00	38.41 -1.94 0.00	39.97 -0.65 0.00	42.56 -0.30 0.00	43.59 0.00 0.00	46.81 -0.96 0.00	52.90 -0.64 0.00	62.34 -0.44 0.00	70.64 -1.37 0.00	67.41 0.07 0.00	57.20 -0.06 0.00	51.42 -0.68 0.00	47.87 -0.10 0.00	43.91 0.61 0.00
SENECA___ENERGY 23797	45.04 -0.14 0.00	39.73 0.04 0.00	35.95 -0.11 0.00	33.71 -0.03 0.00	33.83 -0.03 0.00	35.04 0.04 0.00	37.86 0.08 0.00	39.65 -0.08 0.00	39.87 -0.08 0.00	37.53 -0.15 0.00	36.95 -0.18 0.00	40.18 -0.16 0.00	40.66 0.04 0.00	43.07 0.22 0.00	43.93 0.35 0.00	47.96 0.19 0.00	53.76 0.22 0.00	63.28 0.50 0.00	72.51 0.51 0.00	68.42 1.07 0.00	58.17 0.91 0.00	52.62 0.52 0.00	48.59 0.62 0.00	43.82 0.52 0.00
SHOEMAKER___GT 23640	47.29 2.12 0.00	41.40 1.71 0.00	37.68 1.62 0.00	35.20 1.45 0.00	35.25 1.39 0.00	36.44 1.44 0.00	39.38 1.59 0.00	41.52 1.79 0.00	41.82 1.88 0.00	39.38 1.70 0.00	40.34 1.75 -1.46	42.71 1.86 -0.51	44.95 2.03 -2.30	47.11 2.14 -2.12	48.13 2.31 -2.23	51.56 2.67 -1.12	56.38 2.84 0.00	65.92 3.14 0.00	74.74 2.74 0.00	70.04 2.70 0.00	59.32 2.06 0.00	54.13 2.03 0.00	49.88 1.92 0.00	45.12 1.82 0.00
SHOEMAKR_138KV_BK 111 55601	47.34 2.17 0.00	41.40 1.71 0.00	37.68 1.62 0.00	35.27 1.52 0.00	35.25 1.39 0.00	36.44 1.44 0.00	39.38 1.59 0.00	41.52 1.79 0.00	41.82 1.88 0.00	39.38 1.70 0.00	40.34 1.82 -1.39	42.77 1.94 -0.49	44.88 2.07 -2.19	47.06 2.19 -2.02	48.07 2.35 -2.13	51.55 2.72 -1.06	56.44 2.89 0.00	65.98 3.20 0.00	74.82 2.81 0.00	69.97 2.63 0.00	59.38 2.12 0.00	54.13 2.03 0.00	49.93 1.97 0.00	45.12 1.82 0.00
SHOREHAM_IC_1 23715	49.52 4.34 -0.01	43.07 3.37 -0.01	39.17 3.10 -0.01	36.68 2.93 0.00	36.47 2.61 0.00	37.42 2.41 0.00	40.92 3.13 0.00	43.15 3.42 0.00	43.83 3.87 -0.01	41.35 3.65 -0.01	46.05 3.68 -5.24	49.46 3.83 -5.28	50.85 4.10 -6.13	52.88 4.37 -5.65	54.17 4.62 -5.96	55.87 4.97 -3.14	62.31 5.14 -3.62	74.49 5.08 -6.63	76.81 4.39 -0.42	70.66 3.30 -0.01	59.50 2.23 -0.01	54.54 2.45 0.00	51.27 3.31 0.00	46.85 3.55 0.00
SHOREHAM_IC_2 23716	49.64 4.47 0.00	43.07 3.37 0.00	39.16 3.10 0.00	36.75 3.00 0.00	36.47 2.61 0.00	37.42 2.42 0.00	40.85 3.06 0.00	43.03 3.30 0.00	43.78 3.83 0.00	41.26 3.58 0.00	46.05 3.68 -5.24	49.46 3.83 -5.28	50.85 4.10 -6.12	52.87 4.37 -5.64	54.16 4.62 -5.95	55.91 5.02 -3.13	62.30 5.14 -3.62	74.49 5.09 -6.63	76.82 4.39 -0.42	70.66 3.30 -0.01	59.73 2.46 -0.01	55.38 3.28 0.00	51.66 3.69 0.00	46.85 3.55 0.00
SISSONVILLE____ 23735	45.40 0.23 0.00	39.89 0.20 0.00	36.20 0.14 0.00	33.85 0.10 0.00	34.03 0.17 0.00	35.11 0.11 0.00	38.13 0.34 0.00	39.93 0.20 0.00	39.91 -0.04 0.00	37.53 -0.15 0.00	36.94 -0.19 0.00	40.10 -0.24 0.00	40.18 -0.45 0.00	42.26 -0.60 0.00	42.54 -1.05 0.00	46.29 -1.48 0.00	52.15 -1.39 0.00	61.46 -1.32 0.00	71.65 -0.36 0.00	66.94 -0.40 0.00	57.03 -0.23 0.00	52.25 0.16 0.00	48.20 0.24 0.00	43.52 0.22 0.00
SITHE_IND_GS1 24169	43.86 -1.31 0.00	38.62 -1.07 0.00	35.05 -1.01 0.00	32.80 -0.94 0.00	32.91 -0.95 0.00	34.06 -0.94 0.00	36.77 -1.02 0.00	38.58 -1.15 0.00	38.83 -1.12 0.00	36.59 -1.09 0.00	36.02 -1.11 0.00	39.17 -1.17 0.00	39.49 -1.14 0.00	41.74 -1.11 0.00	42.54 -1.05 0.00	46.52 -1.24 0.00	52.15 -1.39 0.00	61.21 -1.57 0.00	70.07 -1.94 0.00	65.80 -1.55 0.00	56.00 -1.26 0.00	50.85 -1.25 0.00	46.81 -1.15 0.00	42.26 -1.04 0.00
SITHE_IND_GS2 24170	43.86 -1.31 0.00	38.62 -1.07 0.00	35.05 -1.01 0.00	32.80 -0.94 0.00	32.91 -0.95 0.00	34.06 -0.94 0.00	36.77 -1.02 0.00	38.58 -1.15 0.00	38.83 -1.12 0.00	36.59 -1.09 0.00	36.02 -1.11 0.00	39.17 -1.17 0.00	39.49 -1.14 0.00	41.74 -1.11 0.00	42.54 -1.05 0.00	46.52 -1.24 0.00	52.15 -1.39 0.00	61.21 -1.57 0.00	70.07 -1.94 0.00	65.80 -1.55 0.00	56.00 -1.26 0.00	50.85 -1.25 0.00	46.81 -1.15 0.00	42.26 -1.04 0.00
SITHE_IND_GS3 24171	43.86 -1.31 0.00	38.62 -1.07 0.00	35.05 -1.01 0.00	32.80 -0.94 0.00	32.91 -0.95 0.00	34.06 -0.94 0.00	36.77 -1.02 0.00	38.58 -1.15 0.00	38.83 -1.12 0.00	36.59 -1.09 0.00	36.02 -1.11 0.00	39.17 -1.17 0.00	39.49 -1.14 0.00	41.74 -1.11 0.00	42.54 -1.05 0.00	46.52 -1.24 0.00	52.15 -1.39 0.00	61.21 -1.57 0.00	70.07 -1.94 0.00	65.80 -1.55 0.00	56.00 -1.26 0.00	50.85 -1.25 0.00	46.81 -1.15 0.00	42.26 -1.04 0.00
SITHE_IND_GS4 24172	43.86 -1.31 0.00	38.62 -1.07 0.00	35.05 -1.01 0.00	32.80 -0.94 0.00	32.91 -0.95 0.00	34.06 -0.94 0.00	36.77 -1.02 0.00	38.58 -1.15 0.00	38.83 -1.12 0.00	36.59 -1.09 0.00	36.02 -1.11 0.00	39.17 -1.17 0.00	39.49 -1.14 0.00	41.74 -1.11 0.00	42.54 -1.05 0.00	46.52 -1.24 0.00	52.15 -1.39 0.00	61.21 -1.57 0.00	70.07 -1.94 0.00	65.80 -1.55 0.00	56.00 -1.26 0.00	50.85 -1.25 0.00	46.81 -1.15 0.00	42.26 -1.04 0.00

SITHE___BATAVIA 24024	44.86 -0.31 0.00	40.29 0.60 0.00	36.31 0.25 0.00	33.95 0.20 0.00	34.20 0.34 0.00	35.43 0.42 0.00	37.56 -0.23 0.00	38.98 -0.76 0.00	39.19 -0.76 0.00	37.16 -0.53 0.00	36.69 -0.44 0.00	39.69 -0.65 0.00	40.54 -0.08 0.00	43.07 0.22 0.00	44.11 0.52 0.00	47.67 -0.10 0.00	53.71 0.16 0.00	63.41 0.63 0.00	72.37 0.36 0.00	69.03 1.68 0.00	58.63 1.37 0.00	52.77 0.68 0.00	49.02 1.05 0.00	44.56 1.26 0.00
SITHE___INDEPEND 23800	43.82 -1.36 0.00	38.62 -1.07 0.00	35.05 -1.01 0.00	32.74 -1.01 0.00	32.91 -0.95 0.00	34.06 -0.95 0.00	36.77 -1.02 0.00	38.58 -1.15 0.00	38.83 -1.12 0.00	36.59 -1.09 0.00	35.98 -1.15 0.00	39.09 -1.25 0.00	39.49 -1.14 0.00	41.74 -1.11 0.00	42.54 -1.05 0.00	46.52 -1.24 0.00	52.15 -1.39 0.00	61.21 -1.57 0.00	70.06 -1.94 0.00	65.80 -1.55 0.00	56.00 -1.26 0.00	50.85 -1.25 0.00	46.81 -1.15 0.00	42.26 -1.04 0.00
SITHE___MASSENA 23902	45.13 -0.05 0.00	39.65 -0.04 0.00	36.02 -0.04 0.00	33.68 -0.07 0.00	33.86 0.00 0.00	34.90 -0.10 0.00	37.83 0.04 0.00	39.65 -0.08 0.00	39.75 -0.20 0.00	37.46 -0.22 0.00	36.87 -0.26 0.00	40.06 -0.28 0.00	40.22 -0.41 0.00	42.26 -0.60 0.00	42.76 -0.83 0.00	46.76 -1.01 0.00	52.64 -0.91 0.00	61.90 -0.88 0.00	71.93 -0.07 0.00	67.01 -0.34 0.00	56.98 -0.28 0.00	51.89 -0.21 0.00	47.77 -0.19 0.00	43.17 -0.13 0.00
SITHE___OGDNSBRG 24021	45.85 0.68 0.00	40.29 0.60 0.00	36.60 0.54 0.00	34.22 0.47 0.00	34.43 0.58 0.00	35.53 0.53 0.00	38.58 0.79 0.00	40.21 0.48 0.00	40.11 0.16 0.00	37.68 0.00 0.00	37.06 -0.07 0.00	40.18 -0.16 0.00	40.26 -0.37 0.00	42.30 -0.56 0.00	42.72 -0.87 0.00	46.57 -1.19 0.00	52.58 -0.96 0.00	62.02 -0.75 0.00	72.58 0.58 0.00	67.95 0.61 0.00	57.89 0.63 0.00	52.88 0.78 0.00	48.63 0.67 0.00	43.91 0.61 0.00
SITHE___STERLING 23777	46.34 1.17 0.00	40.72 1.03 0.00	36.96 0.90 0.00	34.56 0.81 0.00	34.74 0.88 0.00	36.02 1.02 0.00	39.00 1.21 0.00	40.81 1.07 0.00	41.06 1.12 0.00	38.48 0.79 0.00	37.83 0.70 0.00	41.15 0.81 0.00	41.35 0.73 0.00	43.67 0.81 0.00	44.41 0.83 0.00	48.63 0.86 0.00	54.72 1.18 0.00	64.41 1.63 0.00	74.10 2.09 0.00	69.76 2.42 0.00	59.44 2.18 0.00	54.13 2.03 0.00	49.64 1.68 0.00	44.77 1.47 0.00
SLEIGHT__34_KV_TB1 80719	45.89 0.72 0.00	40.57 0.87 0.00	36.67 0.61 0.00	34.19 0.44 0.00	34.47 0.61 0.00	35.74 0.74 0.00	38.73 0.94 0.00	40.61 0.87 0.00	40.87 0.92 0.00	38.33 0.64 0.00	37.65 0.52 0.00	40.95 0.61 0.00	41.48 0.85 0.00	43.93 1.07 0.00	44.81 1.22 0.00	48.87 1.10 0.00	54.83 1.29 0.00	64.72 1.95 0.00	74.31 2.30 0.00	70.17 2.83 0.00	59.67 2.40 0.00	53.92 1.82 0.00	49.59 1.63 0.00	44.64 1.34 0.00
SMITHTWN_69_KV_BK 1 55830	50.23 5.06 0.00	43.54 3.85 0.00	39.59 3.53 0.00	37.02 3.27 0.00	36.74 2.88 0.00	37.87 2.87 0.00	41.15 3.36 0.00	43.55 3.81 0.00	44.30 4.35 0.00	41.75 4.07 0.00	46.61 4.23 -5.24	50.10 4.48 -5.28	51.45 4.71 -6.12	53.30 4.80 -5.64	54.55 5.01 -5.95	56.68 5.45 -3.47	64.27 5.57 -5.16	89.29 5.34 -21.17	76.81 4.61 -0.19	71.03 3.64 -0.05	60.09 2.81 -0.02	55.79 3.70 0.00	52.28 4.32 0.00	47.41 4.11 0.00
SOUTH CAIRO___GT 23612	47.75 2.57 0.00	41.92 2.22 0.00	38.15 2.09 0.00	35.60 1.86 0.00	35.65 1.79 0.00	36.89 1.89 0.00	39.75 1.96 0.00	41.56 1.83 0.00	41.50 1.56 0.00	38.63 0.94 0.00	37.84 0.85 0.14	41.18 0.89 0.05	41.25 0.85 0.22	43.51 0.86 0.21	44.46 1.09 0.22	49.14 1.48 0.11	55.21 1.66 0.00	65.35 2.57 0.00	74.82 2.81 0.00	70.91 3.57 0.00	60.29 3.03 0.00	54.86 2.76 0.00	50.31 2.35 0.00	45.21 1.91 0.00
SOUTH HAMPTN___IC 23720	50.24 5.06 -0.01	43.67 3.97 -0.01	39.71 3.64 -0.01	37.16 3.41 0.00	36.94 3.08 0.00	37.98 2.97 0.00	41.42 3.63 0.00	43.70 3.97 0.00	44.51 4.55 -0.01	42.02 4.33 -0.01	46.83 4.45 -5.24	50.38 4.76 -5.28	51.87 5.12 -6.13	54.04 5.53 -5.65	55.39 5.84 -5.96	57.23 6.35 -3.11	63.59 6.75 -3.30	74.99 6.91 -5.31	78.75 6.34 -0.40	72.41 5.05 -0.01	60.82 3.55 -0.01	55.64 3.54 0.00	52.23 4.27 0.00	47.63 4.33 0.00
SOUTHDOW_115KV_TB1 355954	44.90 -0.27 0.00	40.29 0.60 0.00	36.38 0.32 0.00	33.78 0.03 0.00	34.30 0.44 0.00	35.56 0.56 0.00	38.13 0.34 0.00	39.57 -0.16 0.00	39.55 -0.40 0.00	37.61 -0.08 0.00	36.91 -0.22 0.00	39.86 -0.48 0.00	41.72 1.10 0.00	44.27 1.41 0.00	45.24 1.66 0.00	48.63 0.86 0.00	54.99 1.45 0.00	64.22 1.44 0.00	72.87 0.86 0.00	69.57 2.22 0.00	58.92 1.66 0.00	52.93 0.83 0.00	49.07 1.10 0.00	44.90 1.60 0.00
SOUTHOLD_69_KV_BK 2 55809	50.91 5.74 0.00	44.10 4.41 0.00	40.13 4.07 0.00	37.63 3.88 0.00	37.35 3.49 0.00	38.43 3.43 0.00	41.68 3.89 0.00	44.06 4.33 0.00	45.06 5.11 0.00	42.58 4.90 0.00	47.57 5.20 -5.24	51.27 5.65 -5.28	52.88 6.13 -6.12	55.27 6.77 -5.64	56.65 7.10 -5.95	58.65 7.79 -3.10	65.31 8.46 -3.31	77.03 8.91 -5.33	80.98 8.57 -0.41	74.29 6.94 -0.01	62.54 5.27 -0.01	57.67 5.57 0.00	53.53 5.56 0.00	48.41 5.11 0.00
SOUTHOLD___IC 23719	50.78 5.60 -0.01	44.11 4.41 -0.01	40.14 4.07 -0.01	37.56 3.81 0.00	37.35 3.49 0.00	38.44 3.43 0.00	41.79 4.00 0.00	44.18 4.45 0.00	45.11 5.16 -0.01	42.67 4.97 -0.01	47.57 5.20 -5.24	51.27 5.65 -5.28	52.89 6.13 -6.13	55.19 6.68 -5.65	56.66 7.11 -5.96	58.66 7.79 -3.11	65.32 8.46 -3.31	77.02 8.91 -5.33	80.98 8.56 -0.40	74.29 6.94 -0.01	62.31 5.04 -0.01	56.84 4.74 0.00	53.14 5.18 0.00	48.41 5.11 0.00
SOUTH_FORK_WT_PWR 323839	50.51 5.33 -0.01	43.87 4.17 -0.01	39.96 3.90 -0.01	37.39 3.65 0.00	37.24 3.39 0.00	38.33 3.33 0.00	41.57 3.78 0.00	43.94 4.21 0.00	44.99 5.03 -0.01	42.56 4.86 -0.01	47.53 5.16 -5.24	51.27 5.65 -5.28	52.97 6.22 -6.13	55.24 6.73 -5.65	56.74 7.19 -5.96	58.75 7.88 -3.11	65.42 8.57 -3.31	77.14 9.04 -5.32	81.05 8.64 -0.40	74.29 6.94 -0.01	62.25 4.98 -0.01	56.79 4.69 0.00	53.10 5.13 0.00	48.36 5.06 0.00
SPIERFLS_115KV_TB 1 80737	47.34 2.17 0.00	41.64 1.94 0.00	37.79 1.73 0.00	35.27 1.52 0.00	35.35 1.49 0.00	36.58 1.58 0.00	39.41 1.62 0.00	41.44 1.71 0.00	41.46 1.52 0.00	38.78 1.09 0.00	37.65 0.71 0.18	41.08 0.81 0.07	40.98 0.65 0.29	43.19 0.60 0.27	44.05 0.74 0.28	48.53 0.91 0.14	54.51 0.96 0.00	64.41 1.63 0.00	74.24 2.23 0.00	70.17 2.83 0.00	59.95 2.69 0.00	54.49 2.40 0.00	49.93 1.97 0.00	44.86 1.56 0.00
ST LAWRENCE____ 23600	44.63 -0.54 0.00	39.22 -0.47 0.00	35.63 -0.43 0.00	33.35 -0.40 0.00	33.49 -0.37 0.00	34.51 -0.49 0.00	37.37 -0.41 0.00	39.21 -0.52 0.00	39.35 -0.60 0.00	37.16 -0.53 0.00	36.57 -0.56 0.00	39.74 -0.60 0.00	39.89 -0.73 0.00	41.95 -0.90 0.00	42.50 -1.09 0.00	46.52 -1.24 0.00	52.32 -1.23 0.00	61.46 -1.32 0.00	71.22 -0.79 0.00	66.34 -1.01 0.00	56.40 -0.86 0.00	51.32 -0.78 0.00	47.25 -0.72 0.00	42.69 -0.61 0.00

STATE_CA_115KV_115_LB 55624	46.53 1.36 0.00	40.84 1.15 0.00	37.25 1.19 0.00	34.90 1.15 0.00	34.91 1.05 0.00	36.05 1.05 0.00	38.81 1.02 0.00	40.92 1.19 0.00	41.07 1.12 0.00	38.59 0.90 0.00	37.90 0.97 0.20	41.28 1.01 0.07	41.25 0.93 0.31	43.47 0.90 0.29	44.33 1.05 0.30	48.86 1.24 0.15	54.78 1.23 0.00	64.22 1.44 0.00	73.09 1.08 0.00	68.62 1.28 0.00	58.41 1.15 0.00	53.24 1.15 0.00	48.92 0.96 0.00	44.08 0.78 0.00
STATE_ST_34_KV_LOAD 55959	45.40 0.23 0.00	40.01 0.32 0.00	36.24 0.18 0.00	33.82 0.07 0.00	34.06 0.20 0.00	35.25 0.25 0.00	38.17 0.38 0.00	40.01 0.28 0.00	40.23 0.28 0.00	37.76 0.08 0.00	37.13 0.00 0.00	40.38 0.04 0.00	40.83 0.20 0.00	43.24 0.39 0.00	44.07 0.48 0.00	48.20 0.43 0.00	54.08 0.54 0.00	63.66 0.88 0.00	73.01 1.01 0.00	68.83 1.48 0.00	58.52 1.26 0.00	53.03 0.94 0.00	48.78 0.82 0.00	43.95 0.65 0.00
STATION_5_MISC_HYD 23604	44.72 -0.45 0.00	39.69 0.00 0.00	35.81 -0.25 0.00	33.65 -0.10 0.00	33.69 -0.17 0.00	34.90 -0.10 0.00	37.48 -0.30 0.00	39.21 -0.52 0.00	39.55 -0.40 0.00	37.38 -0.30 0.00	36.91 -0.22 0.00	40.02 -0.32 0.00	40.62 0.00 0.00	43.03 0.17 0.00	43.98 0.39 0.00	47.81 0.05 0.00	53.71 0.16 0.00	63.28 0.50 0.00	72.30 0.29 0.00	68.42 1.07 0.00	58.17 0.91 0.00	52.51 0.41 0.00	48.63 0.67 0.00	43.91 0.61 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	44.63 -0.54 0.00	39.65 -0.04 0.00	35.81 -0.25 0.00	33.34 -0.40 0.00	33.69 -0.17 0.00	34.90 -0.11 0.00	37.60 -0.19 0.00	39.33 -0.40 0.00	39.67 -0.28 0.00	37.38 -0.30 0.00	36.72 -0.41 0.00	39.86 -0.48 0.00	40.54 -0.08 0.00	42.94 0.09 0.00	43.85 0.26 0.00	47.67 -0.10 0.00	53.55 0.00 0.00	63.15 0.38 0.00	72.29 0.29 0.00	68.35 1.01 0.00	58.06 0.80 0.00	52.46 0.36 0.00	48.44 0.48 0.00	43.78 0.48 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	44.27 -0.90 0.00	39.46 -0.24 0.00	35.59 -0.47 0.00	33.11 -0.64 0.00	33.49 -0.37 0.00	34.72 -0.28 0.00	37.26 -0.53 0.00	38.98 -0.75 0.00	39.39 -0.56 0.00	37.19 -0.49 0.00	36.54 -0.59 0.00	39.62 -0.73 0.00	40.38 -0.24 0.00	42.81 -0.04 0.00	43.76 0.17 0.00	47.43 -0.33 0.00	53.39 -0.16 0.00	62.90 0.13 0.00	71.93 -0.07 0.00	68.08 0.74 0.00	57.83 0.57 0.00	52.20 0.10 0.00	48.20 0.24 0.00	43.60 0.30 0.00
STA_56___34_KV_BUS2 355983	44.27 -0.90 0.00	39.46 -0.24 0.00	35.59 -0.47 0.00	33.11 -0.64 0.00	33.49 -0.37 0.00	34.72 -0.28 0.00	37.26 -0.53 0.00	38.98 -0.75 0.00	39.39 -0.56 0.00	37.19 -0.49 0.00	36.54 -0.59 0.00	39.62 -0.73 0.00	40.38 -0.24 0.00	42.81 -0.04 0.00	43.76 0.17 0.00	47.43 -0.33 0.00	53.39 -0.16 0.00	62.90 0.13 0.00	71.93 -0.07 0.00	68.08 0.74 0.00	57.83 0.57 0.00	52.20 0.10 0.00	48.20 0.24 0.00	43.60 0.30 0.00
STA_67___115KV_BK2 355882	44.36 -0.81 0.00	39.61 -0.08 0.00	35.73 -0.32 0.00	33.24 -0.51 0.00	33.62 -0.24 0.00	34.83 -0.18 0.00	37.37 -0.42 0.00	39.06 -0.68 0.00	39.43 -0.52 0.00	37.27 -0.41 0.00	36.61 -0.52 0.00	39.66 -0.69 0.00	40.46 -0.16 0.00	42.90 0.04 0.00	43.89 0.31 0.00	47.53 -0.24 0.00	53.49 -0.05 0.00	63.09 0.31 0.00	72.08 0.07 0.00	68.22 0.88 0.00	57.95 0.69 0.00	52.36 0.26 0.00	48.35 0.38 0.00	43.78 0.48 0.00
STA_7___115KV_9TRANS 80674	44.72 -0.45 0.00	39.89 0.20 0.00	35.99 -0.07 0.00	33.44 -0.30 0.00	33.83 -0.03 0.00	35.07 0.07 0.00	37.64 -0.15 0.00	39.33 -0.40 0.00	39.75 -0.20 0.00	37.57 -0.11 0.00	36.87 -0.26 0.00	40.02 -0.32 0.00	40.83 0.20 0.00	43.28 0.43 0.00	44.24 0.65 0.00	47.96 0.19 0.00	53.98 0.43 0.00	63.66 0.88 0.00	72.87 0.86 0.00	68.96 1.62 0.00	58.58 1.32 0.00	52.83 0.73 0.00	48.78 0.82 0.00	44.12 0.82 0.00
STA_82___115KV_TB1 80780	44.40 -0.77 0.00	39.61 -0.08 0.00	35.73 -0.32 0.00	33.24 -0.51 0.00	33.62 -0.24 0.00	34.86 -0.14 0.00	37.41 -0.38 0.00	39.06 -0.68 0.00	39.47 -0.48 0.00	37.31 -0.38 0.00	36.61 -0.52 0.00	39.70 -0.65 0.00	40.50 -0.12 0.00	42.94 0.09 0.00	43.89 0.31 0.00	47.58 -0.19 0.00	53.49 -0.05 0.00	63.09 0.31 0.00	72.15 0.14 0.00	68.29 0.94 0.00	58.00 0.74 0.00	52.36 0.26 0.00	48.35 0.38 0.00	43.82 0.52 0.00
STEEL___WIND 323596	44.18 -0.99 0.00	39.54 -0.16 0.00	35.63 -0.43 0.00	33.55 -0.20 0.00	33.62 -0.24 0.00	34.76 -0.24 0.00	36.96 -0.83 0.00	37.98 -1.75 0.00	38.07 -1.88 0.00	36.33 -1.36 0.00	35.94 -1.19 0.00	38.85 -1.49 0.00	40.01 -0.61 0.00	42.51 -0.34 0.00	43.50 -0.09 0.00	47.00 -0.77 0.00	52.96 -0.59 0.00	62.27 -0.50 0.00	70.57 -1.44 0.00	67.34 0.00 0.00	57.15 -0.11 0.00	51.42 -0.68 0.00	47.96 0.00 0.00	43.86 0.56 0.00
STEPHTWN_115KV_BK_2 55603	46.75 1.58 0.00	41.00 1.31 0.00	37.39 1.33 0.00	35.00 1.25 0.00	35.04 1.19 0.00	36.19 1.19 0.00	39.00 1.21 0.00	41.08 1.35 0.00	41.22 1.28 0.00	38.70 1.02 0.00	38.01 1.08 0.20	41.40 1.13 0.07	41.36 1.06 0.31	43.59 1.03 0.29	44.50 1.22 0.31	49.09 1.48 0.15	55.05 1.50 0.00	64.60 1.82 0.00	73.52 1.51 0.00	69.10 1.75 0.00	58.81 1.55 0.00	53.55 1.46 0.00	49.16 1.20 0.00	44.30 1.00 0.00
STEBEN_REC_LFGE 323667	44.94 -0.23 0.00	40.09 0.40 0.00	36.24 0.18 0.00	33.75 0.00 0.00	34.20 0.34 0.00	35.49 0.49 0.00	38.17 0.38 0.00	39.33 -0.40 0.00	39.31 -0.64 0.00	37.01 -0.68 0.00	36.28 -0.85 0.00	39.21 -1.13 0.00	40.38 -0.24 0.00	42.98 0.13 0.00	43.98 0.39 0.00	47.58 -0.19 0.00	53.55 0.00 0.00	63.28 0.50 0.00	72.37 0.36 0.00	69.16 1.82 0.00	58.92 1.66 0.00	53.14 1.04 0.00	49.16 1.20 0.00	44.90 1.60 0.00
STILLWATER___SOLAR 323814	47.56 2.39 0.00	41.80 2.10 0.00	37.97 1.91 0.00	35.44 1.69 0.00	35.55 1.69 0.00	36.75 1.75 0.00	39.56 1.78 0.00	41.60 1.87 0.00	41.62 1.68 0.00	39.00 1.32 0.00	38.09 1.15 0.19	41.48 1.21 0.07	41.54 1.22 0.30	43.87 1.28 0.27	44.73 1.44 0.29	49.34 1.72 0.14	55.42 1.87 0.00	65.22 2.45 0.00	74.67 2.67 0.00	70.38 3.03 0.00	60.07 2.81 0.00	54.65 2.55 0.00	50.17 2.21 0.00	45.16 1.86 0.00
STONY___BROOK 24151	50.06 4.88 -0.01	43.55 3.85 -0.01	39.56 3.50 -0.01	36.92 3.17 0.00	36.74 2.88 0.00	37.84 2.83 0.00	41.26 3.47 0.00	43.63 3.90 0.00	44.31 4.35 -0.01	41.80 4.11 -0.01	46.53 4.16 -5.24	49.98 4.36 -5.28	51.38 4.63 -6.13	53.35 4.84 -5.65	54.56 5.01 -5.96	56.45 5.40 -3.28	63.48 5.46 -4.46	80.82 5.15 -12.89	76.82 4.47 -0.35	70.94 3.57 -0.03	59.79 2.52 -0.01	54.91 2.81 0.00	51.85 3.88 0.00	47.37 4.07 0.00
STURGEON_POOL_HYD 23609	47.75 2.57 0.00	41.72 2.02 0.00	37.93 1.88 0.00	35.50 1.75 0.00	35.45 1.59 0.00	36.65 1.65 0.00	39.60 1.81 0.00	41.84 2.11 0.00	42.10 2.16 0.00	39.61 1.92 0.00	39.17 2.04 0.00	42.52 2.18 0.00	42.98 2.36 0.00	45.34 2.49 0.00	46.29 2.70 0.00	50.87 3.10 0.00	56.81 3.27 0.00	66.36 3.58 0.00	75.18 3.17 0.00	70.37 3.03 0.00	59.61 2.35 0.00	54.39 2.29 0.00	50.22 2.25 0.00	45.38 2.08 0.00

ST_LAW_115_BK7_LBMP 345037	44.58 -0.59 0.00	39.18 -0.52 0.00	35.63 -0.43 0.00	33.31 -0.44 0.00	33.45 -0.40 0.00	34.48 -0.52 0.00	37.37 -0.41 0.00	39.21 -0.52 0.00	39.31 -0.64 0.00	37.12 -0.56 0.00	36.53 -0.60 0.00	39.69 -0.65 0.00	39.85 -0.77 0.00	41.91 -0.94 0.00	42.41 -1.17 0.00	46.43 -1.34 0.00	52.21 -1.34 0.00	61.34 -1.44 0.00	71.22 -0.79 0.00	66.26 -1.08 0.00	56.34 -0.92 0.00	51.26 -0.84 0.00	47.19 -0.77 0.00	42.65 -0.65 0.00
ST_LAW_115_BK8_LBMP 345038	44.58 -0.59 0.00	39.18 -0.52 0.00	35.63 -0.43 0.00	33.31 -0.44 0.00	33.45 -0.40 0.00	34.48 -0.52 0.00	37.37 -0.41 0.00	39.21 -0.52 0.00	39.31 -0.64 0.00	37.12 -0.56 0.00	36.53 -0.60 0.00	39.69 -0.65 0.00	39.85 -0.77 0.00	41.91 -0.94 0.00	42.41 -1.17 0.00	46.43 -1.34 0.00	52.21 -1.34 0.00	61.34 -1.44 0.00	71.22 -0.79 0.00	66.26 -1.08 0.00	56.34 -0.92 0.00	51.26 -0.84 0.00	47.19 -0.77 0.00	42.65 -0.65 0.00
ST_LAW_230_BK5_LBMP 345035	44.63 -0.54 0.00	39.22 -0.47 0.00	35.63 -0.43 0.00	33.35 -0.40 0.00	33.49 -0.37 0.00	34.51 -0.49 0.00	37.37 -0.41 0.00	39.21 -0.52 0.00	39.35 -0.60 0.00	37.16 -0.53 0.00	36.57 -0.56 0.00	39.74 -0.60 0.00	39.89 -0.73 0.00	41.95 -0.90 0.00	42.50 -1.09 0.00	46.52 -1.24 0.00	52.32 -1.23 0.00	61.46 -1.32 0.00	71.22 -0.79 0.00	66.34 -1.01 0.00	56.40 -0.86 0.00	51.32 -0.78 0.00	47.25 -0.72 0.00	42.69 -0.61 0.00
ST_LAW_230_BK6_LBMP 345036	44.63 -0.54 0.00	39.22 -0.47 0.00	35.63 -0.43 0.00	33.35 -0.40 0.00	33.49 -0.37 0.00	34.51 -0.49 0.00	37.37 -0.41 0.00	39.21 -0.52 0.00	39.35 -0.60 0.00	37.16 -0.53 0.00	36.57 -0.56 0.00	39.74 -0.60 0.00	39.89 -0.73 0.00	41.95 -0.90 0.00	42.50 -1.09 0.00	46.52 -1.24 0.00	52.32 -1.23 0.00	61.46 -1.32 0.00	71.22 -0.79 0.00	66.34 -1.01 0.00	56.40 -0.86 0.00	51.32 -0.78 0.00	47.25 -0.72 0.00	42.69 -0.61 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.65 2.48 0.00	41.64 1.94 0.00	37.90 1.84 0.00	35.47 1.72 0.00	35.45 1.59 0.00	36.65 1.65 0.00	39.60 1.81 0.00	41.80 2.07 0.00	42.14 2.20 0.00	39.68 2.00 0.00	40.98 2.15 -1.70	43.22 2.30 -0.58	45.77 2.48 -2.67	47.93 2.61 -2.46	49.01 2.83 -2.59	52.31 3.25 -1.30	56.97 3.43 0.00	66.54 3.77 0.00	75.32 3.31 0.00	70.44 3.10 0.00	59.67 2.40 0.00	54.44 2.34 0.00	50.22 2.25 0.00	45.38 2.08 0.00
SWANROAD_115KV_TB1 355699	43.45 -1.72 0.00	39.18 -0.52 0.00	35.30 -0.76 0.00	32.77 -0.98 0.00	32.81 -1.05 0.00	33.92 -1.09 0.00	36.09 -1.70 0.00	36.83 -2.90 0.00	37.11 -2.84 0.00	35.42 -2.26 0.00	34.64 -2.49 0.00	37.36 -2.99 0.00	38.88 -1.75 0.00	41.40 -1.46 0.00	42.37 -1.22 0.00	45.43 -2.34 0.00	51.30 -2.25 0.00	60.46 -2.32 0.00	68.48 -3.53 0.00	65.32 -2.02 0.00	55.54 -1.72 0.00	49.91 -2.19 0.00	46.62 -1.34 0.00	42.87 -0.43 0.00
SYNERGY___BIOGAS 323694	44.81 -0.36 0.00	40.29 0.60 0.00	36.31 0.25 0.00	33.68 -0.07 0.00	33.96 0.10 0.00	35.18 0.18 0.00	37.60 -0.19 0.00	38.82 -0.91 0.00	39.19 -0.76 0.00	37.12 -0.57 0.00	36.35 -0.78 0.00	39.25 -1.09 0.00	40.50 -0.12 0.00	43.07 0.21 0.00	44.11 0.52 0.00	47.43 -0.33 0.00	53.60 0.05 0.00	63.41 0.63 0.00	72.37 0.36 0.00	68.96 1.62 0.00	58.58 1.32 0.00	52.72 0.63 0.00	48.87 0.91 0.00	44.51 1.21 0.00
SYRACUSE___ENERGY_ST1 323597	44.94 -0.23 0.00	39.61 -0.08 0.00	35.91 -0.14 0.00	33.55 -0.20 0.00	33.72 -0.14 0.00	34.90 -0.11 0.00	37.71 -0.08 0.00	39.61 -0.12 0.00	39.87 -0.08 0.00	37.50 -0.19 0.00	36.87 -0.26 0.00	40.06 -0.28 0.00	40.50 -0.12 0.00	42.86 0.00 0.00	43.63 0.04 0.00	47.72 -0.05 0.00	53.55 0.00 0.00	62.90 0.13 0.00	72.08 0.07 0.00	67.75 0.40 0.00	57.66 0.40 0.00	52.30 0.21 0.00	48.11 0.14 0.00	43.39 0.09 0.00
SYRACUSE___ENERGY_ST2 323598	44.94 -0.23 0.00	39.61 -0.08 0.00	35.91 -0.14 0.00	33.55 -0.20 0.00	33.72 -0.14 0.00	34.90 -0.11 0.00	37.71 -0.08 0.00	39.61 -0.12 0.00	39.87 -0.08 0.00	37.50 -0.19 0.00	36.87 -0.26 0.00	40.06 -0.28 0.00	40.50 -0.12 0.00	42.86 0.00 0.00	43.63 0.04 0.00	47.72 -0.05 0.00	53.55 0.00 0.00	62.90 0.13 0.00	72.08 0.07 0.00	67.75 0.40 0.00	57.66 0.40 0.00	52.30 0.21 0.00	48.11 0.14 0.00	43.39 0.09 0.00
SYRACUSE___POWER 24017	44.81 -0.36 0.00	39.50 -0.20 0.00	35.77 -0.29 0.00	33.44 -0.30 0.00	33.62 -0.24 0.00	34.76 -0.25 0.00	37.60 -0.19 0.00	39.45 -0.28 0.00	39.71 -0.24 0.00	37.35 -0.34 0.00	36.76 -0.37 0.00	39.94 -0.40 0.00	40.38 -0.24 0.00	42.73 -0.13 0.00	43.54 -0.04 0.00	47.62 -0.14 0.00	53.39 -0.16 0.00	62.78 0.00 0.00	71.79 -0.22 0.00	67.55 0.20 0.00	57.43 0.17 0.00	52.15 0.05 0.00	47.96 0.00 0.00	43.26 -0.04 0.00
TALLMAN_138KV_BK151 55660	48.02 2.85 0.00	41.96 2.26 0.00	38.19 2.13 0.00	35.74 1.99 0.00	35.69 1.83 0.00	36.89 1.89 0.00	39.87 2.08 0.00	42.20 2.46 0.00	42.58 2.64 0.00	40.13 2.45 0.00	42.09 2.64 -2.32	43.81 2.82 -0.64	47.28 3.01 -3.65	49.43 3.21 -3.37	50.54 3.40 -3.55	53.41 3.87 -1.77	57.72 4.18 0.00	67.30 4.52 0.00	75.97 3.96 0.00	70.91 3.57 0.00	60.07 2.81 0.00	54.80 2.71 0.00	50.65 2.69 0.00	45.77 2.47 0.00
TEALLAVE_115KV_TB7 355573	44.63 -0.54 0.00	39.34 -0.36 0.00	35.66 -0.40 0.00	33.31 -0.44 0.00	33.49 -0.37 0.00	34.65 -0.35 0.00	37.45 -0.34 0.00	39.33 -0.40 0.00	39.59 -0.36 0.00	37.27 -0.41 0.00	36.65 -0.48 0.00	39.86 -0.48 0.00	40.26 -0.37 0.00	42.60 -0.26 0.00	43.41 -0.17 0.00	47.48 -0.29 0.00	53.23 -0.32 0.00	62.53 -0.25 0.00	71.57 -0.43 0.00	67.28 -0.07 0.00	57.20 -0.06 0.00	51.94 -0.16 0.00	47.77 -0.19 0.00	43.08 -0.22 0.00
TELGRAPH_34_KV_EAST 80808	44.18 -0.99 0.00	39.77 0.08 0.00	35.84 -0.22 0.00	33.28 -0.47 0.00	33.49 -0.37 0.00	34.65 -0.35 0.00	36.88 -0.91 0.00	37.86 -1.87 0.00	38.19 -1.76 0.00	36.33 -1.36 0.00	35.57 -1.56 0.00	38.36 -1.98 0.00	39.77 -0.85 0.00	42.34 -0.51 0.00	43.37 -0.22 0.00	46.57 -1.19 0.00	52.58 -0.96 0.00	62.09 -0.69 0.00	70.49 -1.51 0.00	67.28 -0.07 0.00	57.15 -0.11 0.00	51.37 -0.73 0.00	47.82 -0.14 0.00	43.73 0.43 0.00
TEMPLE___115KV_TB 2 55572	44.63 -0.54 0.00	39.34 -0.36 0.00	35.66 -0.40 0.00	33.34 -0.40 0.00	33.52 -0.34 0.00	34.65 -0.35 0.00	37.49 -0.30 0.00	39.33 -0.40 0.00	39.59 -0.36 0.00	37.27 -0.41 0.00	36.68 -0.45 0.00	39.86 -0.48 0.00	40.30 -0.32 0.00	42.64 -0.21 0.00	43.46 -0.13 0.00	47.48 -0.29 0.00	53.28 -0.27 0.00	62.59 -0.19 0.00	71.57 -0.43 0.00	67.28 -0.07 0.00	57.26 0.00 0.00	51.94 -0.16 0.00	47.77 -0.19 0.00	43.13 -0.17 0.00
TIANA___69_KV_BK 1 55817	50.27 5.10 0.00	43.58 3.89 0.00	39.63 3.57 0.00	37.12 3.37 0.00	36.84 2.98 0.00	37.87 2.87 0.00	41.27 3.48 0.00	43.51 3.77 0.00	44.34 4.39 0.00	41.83 4.15 0.00	46.68 4.31 -5.24	50.19 4.56 -5.28	51.62 4.87 -6.12	53.77 5.27 -5.64	55.08 5.54 -5.95	56.88 6.02 -3.10	63.22 6.37 -3.30	74.57 6.47 -5.33	78.32 5.90 -0.40	72.00 4.65 -0.01	60.82 3.55 -0.01	56.26 4.17 0.00	52.42 4.46 0.00	47.50 4.20 0.00

TILDEN___115KV_TB1 80814	44.81 -0.36 0.00	39.50 -0.20 0.00	35.77 -0.29 0.00	33.44 -0.30 0.00	33.62 -0.24 0.00	34.76 -0.25 0.00	37.60 -0.19 0.00	39.45 -0.28 0.00	39.71 -0.24 0.00	37.35 -0.34 0.00	36.76 -0.37 0.00	39.94 -0.40 0.00	40.38 -0.24 0.00	42.73 -0.13 0.00	43.54 -0.04 0.00	47.62 -0.14 0.00	53.39 -0.16 0.00	62.78 0.00 0.00	71.79 -0.22 0.00	67.55 0.20 0.00	57.43 0.17 0.00	52.15 0.05 0.00	47.96 0.00 0.00	43.26 -0.04 0.00
TRIGEN___CC 323695	49.19 4.02 0.00	42.95 3.25 0.00	39.05 2.99 0.00	36.55 2.80 0.00	36.36 2.51 0.00	37.56 2.56 0.00	40.70 2.91 0.00	43.11 3.38 0.00	43.62 3.68 0.00	41.15 3.47 0.00	45.90 3.53 -5.24	49.42 3.79 -5.28	50.72 3.98 -6.12	52.66 4.16 -5.64	53.94 4.40 -5.95	55.66 4.92 -2.97	58.79 5.25 0.00	68.11 5.34 0.00	76.69 4.68 0.00	71.18 3.84 0.00	60.24 2.98 0.00	55.53 3.44 0.00	51.70 3.74 0.00	46.81 3.51 0.00
TRINITY___115KV__4 BK 55933	46.34 1.17 0.00	40.69 0.99 0.00	37.10 1.05 0.00	34.76 1.01 0.00	34.81 0.95 0.00	35.91 0.91 0.00	38.70 0.91 0.00	40.77 1.03 0.00	40.95 1.00 0.00	38.48 0.79 0.00	37.78 0.85 0.20	41.12 0.85 0.07	41.12 0.81 0.31	43.29 0.73 0.29	44.15 0.87 0.31	48.71 1.10 0.15	54.62 1.07 0.00	63.97 1.19 0.00	72.80 0.79 0.00	68.29 0.94 0.00	58.12 0.86 0.00	52.98 0.89 0.00	48.68 0.72 0.00	43.91 0.61 0.00
UNION___PROCESSING_DRP 323587	44.40 -0.77 0.00	39.61 -0.08 0.00	35.73 -0.32 0.00	33.24 -0.51 0.00	33.62 -0.24 0.00	34.86 -0.14 0.00	37.41 -0.38 0.00	39.06 -0.68 0.00	39.47 -0.48 0.00	37.31 -0.38 0.00	36.61 -0.52 0.00	39.70 -0.65 0.00	40.50 -0.12 0.00	42.94 0.09 0.00	43.89 0.31 0.00	47.58 -0.19 0.00	53.55 0.00 0.00	63.09 0.31 0.00	72.15 0.14 0.00	68.29 0.94 0.00	58.00 0.74 0.00	52.36 0.26 0.00	48.39 0.43 0.00	43.82 0.52 0.00
UPPER HUDSON___HYD 24058	47.29 2.12 0.00	41.64 1.94 0.00	37.79 1.73 0.00	35.20 1.45 0.00	35.35 1.49 0.00	36.58 1.58 0.00	39.38 1.59 0.00	41.40 1.67 0.00	41.46 1.52 0.00	38.74 1.05 0.00	37.62 0.67 0.18	41.00 0.73 0.07	40.98 0.65 0.29	43.19 0.60 0.27	44.05 0.74 0.28	48.53 0.91 0.14	54.51 0.96 0.00	64.41 1.63 0.00	74.24 2.23 0.00	70.17 2.83 0.00	59.95 2.69 0.00	54.49 2.40 0.00	49.93 1.97 0.00	44.86 1.56 0.00
UPPER RAQUET___HYD 24056	45.40 0.23 0.00	39.89 0.20 0.00	36.20 0.14 0.00	33.82 0.07 0.00	34.03 0.17 0.00	35.11 0.11 0.00	38.13 0.34 0.00	39.89 0.16 0.00	39.91 -0.04 0.00	37.53 -0.15 0.00	36.95 -0.18 0.00	40.10 -0.24 0.00	40.18 -0.45 0.00	42.26 -0.60 0.00	42.54 -1.05 0.00	46.24 -1.53 0.00	52.15 -1.39 0.00	61.46 -1.32 0.00	71.65 -0.36 0.00	66.94 -0.40 0.00	57.03 -0.23 0.00	52.25 0.16 0.00	48.20 0.24 0.00	43.52 0.22 0.00
VALLEY44_115KV_TB2 355964	43.63 -1.54 0.00	39.06 -0.64 0.00	35.27 -0.79 0.00	32.84 -0.91 0.00	33.25 -0.61 0.00	34.37 -0.63 0.00	36.77 -1.02 0.00	37.71 -2.03 0.00	37.63 -2.32 0.00	35.80 -1.88 0.00	35.24 -1.89 0.00	37.92 -2.42 0.00	39.61 -1.02 0.00	42.17 -0.69 0.00	43.24 -0.35 0.00	46.62 -1.15 0.00	52.80 -0.75 0.00	62.15 -0.63 0.00	70.28 -1.73 0.00	67.01 -0.34 0.00	56.74 -0.52 0.00	51.05 -1.04 0.00	47.29 -0.67 0.00	43.52 0.22 0.00
VALLEY___115KV_TB 1-4 80826	45.40 0.23 0.00	39.89 0.20 0.00	36.24 0.18 0.00	33.88 0.13 0.00	34.03 0.17 0.00	35.21 0.21 0.00	38.05 0.26 0.00	40.01 0.28 0.00	40.19 0.24 0.00	37.80 0.11 0.00	37.20 0.07 0.00	40.38 0.04 0.00	40.62 0.00 0.00	42.86 0.00 0.00	43.59 0.00 0.00	47.77 0.00 0.00	53.60 0.05 0.00	62.84 0.06 0.00	72.08 0.07 0.00	67.55 0.20 0.00	57.43 0.17 0.00	52.41 0.31 0.00	48.25 0.29 0.00	43.56 0.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.20 2.03 0.00	41.44 1.75 0.00	37.72 1.66 0.00	35.27 1.52 0.00	35.42 1.56 0.00	36.68 1.68 0.00	39.60 1.81 0.00	41.56 1.83 0.00	41.74 1.80 0.00	39.15 1.47 0.00	38.73 1.49 -0.11	42.01 1.57 -0.09	42.42 1.62 -0.17	44.77 1.76 -0.16	45.63 1.87 -0.17	49.86 2.01 -0.08	55.96 2.41 0.00	65.54 2.76 0.00	74.82 2.81 0.00	70.37 3.03 0.00	59.89 2.63 0.00	54.54 2.45 0.00	50.12 2.16 0.00	45.29 1.99 0.00
VISCHER___FERRY HYD 24020	47.16 1.99 0.00	41.44 1.74 0.00	37.68 1.62 0.00	35.20 1.45 0.00	35.28 1.42 0.00	36.47 1.47 0.00	39.22 1.44 0.00	41.36 1.63 0.00	41.50 1.56 0.00	38.97 1.28 0.00	38.15 1.22 0.20	41.56 1.29 0.07	41.64 1.34 0.32	43.93 1.37 0.29	44.80 1.52 0.31	49.43 1.81 0.16	55.47 1.92 0.00	65.10 2.32 0.00	74.24 2.23 0.00	69.70 2.36 0.00	59.38 2.12 0.00	54.13 2.03 0.00	49.69 1.72 0.00	44.73 1.43 0.00
V_A_10_SYNC_DSASP 323832	43.59 -1.58 0.00	39.14 -0.56 0.00	35.27 -0.79 0.00	32.77 -0.98 0.00	33.28 -0.58 0.00	34.37 -0.63 0.00	36.54 -1.25 0.00	37.63 -2.11 0.00	37.95 -2.00 0.00	36.18 -1.51 0.00	35.42 -1.71 0.00	38.20 -2.14 0.00	39.53 -1.10 0.00	42.08 -0.77 0.00	43.06 -0.52 0.00	46.33 -1.43 0.00	52.26 -1.29 0.00	61.59 -1.19 0.00	69.85 -2.16 0.00	66.40 -0.94 0.00	56.46 -0.80 0.00	50.85 -1.25 0.00	47.34 -0.62 0.00	43.21 -0.09 0.00
V_CMM_10_SYNC_DSASP 323787	44.76 -0.41 0.00	39.34 -0.36 0.00	35.73 -0.33 0.00	33.44 -0.30 0.00	33.59 -0.27 0.00	34.62 -0.38 0.00	37.53 -0.26 0.00	39.37 -0.36 0.00	39.47 -0.48 0.00	37.27 -0.41 0.00	36.69 -0.44 0.00	39.82 -0.53 0.00	39.97 -0.65 0.00	42.04 -0.82 0.00	42.54 -1.05 0.00	46.57 -1.19 0.00	52.37 -1.18 0.00	61.58 -1.19 0.00	71.43 -0.58 0.00	66.54 -0.81 0.00	56.58 -0.68 0.00	51.42 -0.68 0.00	47.39 -0.57 0.00	42.83 -0.48 0.00
V_CMP_10_SYNC_DSASP 323788	45.35 0.18 0.00	39.89 0.20 0.00	36.24 0.18 0.00	33.92 0.17 0.00	34.10 0.24 0.00	35.14 0.14 0.00	38.17 0.38 0.00	40.57 0.84 0.00	40.63 0.68 0.00	38.29 0.60 0.00	37.65 0.52 0.00	40.79 0.44 0.00	40.91 0.29 0.00	42.98 0.13 0.00	43.41 -0.17 0.00	47.58 -0.19 0.00	53.65 0.11 0.00	63.28 0.50 0.00	73.73 1.73 0.00	68.89 1.55 0.00	58.58 1.32 0.00	53.19 1.10 0.00	48.92 0.96 0.00	44.12 0.82 0.00
V_D_10_SYNC_DSASP 323841	45.13 -0.05 0.00	39.65 -0.04 0.00	36.02 -0.04 0.00	33.68 -0.07 0.00	33.86 0.00 0.00	34.90 -0.10 0.00	37.83 0.04 0.00	39.65 -0.08 0.00	39.75 -0.20 0.00	37.46 -0.22 0.00	36.87 -0.26 0.00	40.06 -0.28 0.00	40.22 -0.41 0.00	42.26 -0.60 0.00	42.76 -0.83 0.00	46.76 -1.01 0.00	52.64 -0.91 0.00	61.90 -0.88 0.00	71.93 -0.07 0.00	67.01 -0.34 0.00	56.98 -0.28 0.00	51.89 -0.21 0.00	47.77 -0.19 0.00	43.17 -0.13 0.00
V_E_10_SYNC_DSASP 323830	48.24 3.07 0.00	42.51 2.82 0.00	38.66 2.60 0.00	36.11 2.36 0.00	36.36 2.51 0.00	37.88 2.87 0.00	41.19 3.40 0.00	42.75 3.02 0.00	42.51 2.56 0.00	39.38 1.70 0.00	38.62 1.49 0.00	41.96 1.62 0.00	42.13 1.50 0.00	44.52 1.67 0.00	45.42 1.83 0.00	49.63 1.86 0.00	56.17 2.62 0.00	66.54 3.77 0.00	76.97 4.96 0.00	73.20 5.86 0.00	62.42 5.16 0.00	56.73 4.63 0.00	51.94 3.98 0.00	46.89 3.59 0.00

V_F_30_NSYNC___DSASP 323816	47.61 2.44 0.00	41.84 2.14 0.00	38.00 1.95 0.00	35.47 1.72 0.00	35.59 1.73 0.00	36.79 1.78 0.00	39.60 1.81 0.00	41.64 1.91 0.00	41.70 1.76 0.00	39.08 1.40 0.00	38.17 1.22 0.19	41.60 1.33 0.07	41.63 1.30 0.29	43.96 1.37 0.27	44.83 1.52 0.29	49.44 1.81 0.14	55.53 1.98 0.00	65.41 2.64 0.00	74.81 2.81 0.00	70.51 3.17 0.00	60.12 2.86 0.00	54.75 2.66 0.00	50.22 2.25 0.00	45.20 1.90 0.00
V_F_30_SYNC_DSASP 323786	46.53 1.36 0.00	40.84 1.15 0.00	37.21 1.15 0.00	34.86 1.11 0.00	34.91 1.05 0.00	36.05 1.05 0.00	38.81 1.02 0.00	40.88 1.15 0.00	41.07 1.12 0.00	38.59 0.90 0.00	37.90 0.97 0.20	41.28 1.01 0.07	41.25 0.93 0.31	43.43 0.86 0.29	44.33 1.05 0.30	48.86 1.24 0.15	54.78 1.23 0.00	64.22 1.44 0.00	73.09 1.08 0.00	68.62 1.28 0.00	58.41 1.15 0.00	53.24 1.15 0.00	48.92 0.96 0.00	44.08 0.78 0.00
V_XM_10_SYNC_DSASP 323789	45.35 0.18 0.00	39.89 0.20 0.00	36.24 0.18 0.00	33.92 0.17 0.00	34.10 0.24 0.00	35.14 0.14 0.00	38.17 0.38 0.00	40.57 0.84 0.00	40.63 0.68 0.00	38.29 0.60 0.00	37.65 0.52 0.00	40.79 0.44 0.00	40.91 0.29 0.00	42.98 0.13 0.00	43.41 -0.17 0.00	47.58 -0.19 0.00	53.65 0.11 0.00	63.28 0.50 0.00	73.73 1.73 0.00	68.89 1.55 0.00	58.58 1.32 0.00	53.19 1.10 0.00	48.92 0.96 0.00	44.12 0.82 0.00
W.BABYLN_69_KV_BK1 56697	50.46 5.28 0.00	43.86 4.17 0.00	39.84 3.79 0.00	37.26 3.51 0.00	37.01 3.15 0.00	38.19 3.19 0.00	41.45 3.67 0.00	43.86 4.13 0.00	44.54 4.59 0.00	42.02 4.33 0.00	46.79 4.42 -5.24	50.35 4.72 -5.28	51.70 4.96 -6.12	53.64 5.14 -5.64	54.95 5.40 -5.95	56.47 5.73 -2.97	63.98 6.10 -4.33	68.93 6.15 0.00	78.39 5.62 -0.77	71.79 4.44 0.00	60.81 3.55 0.00	56.42 4.32 0.00	52.76 4.80 0.00	47.76 4.46 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.20 3.03 0.00	42.08 2.38 0.00	38.29 2.24 0.00	35.84 2.09 0.00	35.82 1.96 0.00	37.00 2.00 0.00	40.02 2.23 0.00	42.31 2.58 0.00	42.70 2.76 0.00	40.25 2.56 0.00	42.41 2.75 -2.53	43.75 2.94 -0.46	47.72 3.13 -3.97	49.82 3.30 -3.66	50.98 3.53 -3.86	53.71 4.01 -1.93	57.83 4.28 0.00	67.49 4.71 0.00	76.18 4.18 0.00	71.18 3.84 0.00	60.29 3.03 0.00	54.96 2.87 0.00	50.79 2.83 0.00	45.90 2.60 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	48.78 3.61 0.00	42.47 2.78 0.00	38.62 2.56 0.00	36.14 2.40 0.00	36.09 2.23 0.00	37.31 2.31 0.00	40.47 2.68 0.00	42.87 3.14 0.00	43.34 3.40 0.00	40.93 3.24 0.00	44.47 3.45 -3.88	49.32 3.71 -5.26	50.53 3.86 -6.05	52.51 4.07 -5.58	53.75 4.27 -5.89	55.53 4.82 -2.94	58.69 5.14 0.00	68.18 5.40 0.00	76.76 4.75 0.00	71.52 4.18 0.00	60.58 3.32 0.00	55.22 3.13 0.00	51.22 3.26 0.00	46.33 3.03 0.00
W50THST__13_KV_LOAD 356117	49.01 3.84 0.00	42.71 3.02 0.00	38.83 2.78 0.00	36.35 2.60 0.00	36.30 2.44 0.00	37.52 2.52 0.00	40.74 2.95 0.00	43.15 3.42 0.00	43.62 3.68 0.00	41.19 3.50 0.00	44.76 3.75 -3.88	49.60 3.99 -5.26	50.86 4.18 -6.05	52.85 4.41 -5.58	54.10 4.62 -5.89	55.91 5.21 -2.94	59.12 5.57 0.00	68.68 5.90 0.00	77.26 5.26 0.00	71.99 4.65 0.00	60.98 3.72 0.00	55.53 3.44 0.00	51.46 3.50 0.00	46.59 3.29 0.00
WADING RIVER_IC_1 23522	49.47 4.29 -0.01	42.99 3.29 -0.01	39.13 3.06 -0.01	36.65 2.90 0.00	36.43 2.57 0.00	37.39 2.38 0.00	40.89 3.10 0.00	43.11 3.38 0.00	43.79 3.84 -0.01	41.31 3.62 -0.01	46.01 3.64 -5.24	49.46 3.83 -5.28	50.85 4.10 -6.13	52.88 4.37 -5.65	54.12 4.58 -5.96	55.84 4.97 -3.10	61.92 5.14 -3.23	72.97 5.02 -5.17	76.72 4.32 -0.39	70.59 3.23 -0.01	59.44 2.18 -0.01	54.44 2.35 0.00	51.23 3.26 0.00	46.81 3.51 0.00
WADING RIVER_IC_2 23547	49.47 4.29 -0.01	42.99 3.29 -0.01	39.13 3.06 -0.01	36.65 2.90 0.00	36.43 2.57 0.00	37.39 2.38 0.00	40.89 3.10 0.00	43.11 3.38 0.00	43.79 3.84 -0.01	41.31 3.62 -0.01	46.01 3.64 -5.24	49.46 3.83 -5.28	50.85 4.10 -6.13	52.88 4.37 -5.65	54.12 4.58 -5.96	55.84 4.97 -3.10	61.92 5.14 -3.23	72.97 5.02 -5.17	76.72 4.32 -0.39	70.59 3.23 -0.01	59.44 2.18 -0.01	54.44 2.35 0.00	51.23 3.26 0.00	46.81 3.51 0.00
WADING RIVER_IC_3 23601	49.47 4.29 -0.01	42.99 3.29 -0.01	39.13 3.06 -0.01	36.65 2.90 0.00	36.43 2.57 0.00	37.39 2.38 0.00	40.89 3.10 0.00	43.11 3.38 0.00	43.79 3.84 -0.01	41.31 3.62 -0.01	46.01 3.64 -5.24	49.46 3.83 -5.28	50.85 4.10 -6.13	52.88 4.37 -5.65	54.12 4.58 -5.96	55.84 4.97 -3.10	61.92 5.14 -3.23	72.97 5.02 -5.17	76.72 4.32 -0.39	70.59 3.23 -0.01	59.44 2.18 -0.01	54.44 2.35 0.00	51.23 3.26 0.00	46.81 3.51 0.00
WALDENNY_12_KV_BK2 80841	44.04 -1.13 0.00	39.61 -0.08 0.00	35.70 -0.36 0.00	33.17 -0.57 0.00	33.59 -0.27 0.00	34.72 -0.28 0.00	36.99 -0.79 0.00	37.86 -1.87 0.00	38.11 -1.84 0.00	36.37 -1.32 0.00	35.61 -1.52 0.00	38.41 -1.94 0.00	40.01 -0.61 0.00	42.60 -0.26 0.00	43.59 0.00 0.00	46.86 -0.91 0.00	52.90 -0.64 0.00	62.34 -0.44 0.00	70.64 -1.37 0.00	67.41 0.07 0.00	57.20 -0.06 0.00	51.42 -0.68 0.00	47.87 -0.10 0.00	43.91 0.61 0.00
WALDEN___HYDRO 24148	47.88 2.71 0.00	41.84 2.14 0.00	38.04 1.98 0.00	35.60 1.86 0.00	35.59 1.73 0.00	36.79 1.79 0.00	39.75 1.96 0.00	42.00 2.26 0.00	42.34 2.40 0.00	39.79 2.11 0.00	39.73 2.23 -0.37	42.84 2.38 -0.12	43.76 2.56 -0.58	46.13 2.74 -0.53	47.07 2.92 -0.56	51.44 3.39 -0.28	57.19 3.64 0.00	66.86 4.08 0.00	75.75 3.74 0.00	70.91 3.57 0.00	60.12 2.86 0.00	54.80 2.71 0.00	50.55 2.59 0.00	45.64 2.34 0.00
WARRENSBURG____ 23737	47.34 2.17 0.00	41.64 1.94 0.00	37.79 1.73 0.00	35.27 1.52 0.00	35.35 1.49 0.00	36.58 1.58 0.00	39.41 1.62 0.00	41.44 1.71 0.00	41.46 1.52 0.00	38.78 1.09 0.00	37.65 0.71 0.18	41.08 0.81 0.07	40.98 0.65 0.29	43.19 0.60 0.27	44.05 0.74 0.28	48.53 0.91 0.14	54.51 0.96 0.00	64.41 1.63 0.00	74.24 2.23 0.00	70.17 2.83 0.00	59.95 2.69 0.00	54.49 2.40 0.00	49.93 1.97 0.00	44.86 1.56 0.00
WATERSIDE___6 8 9 23538	48.96 3.79 0.00	42.63 2.94 0.00	38.80 2.74 0.00	36.28 2.53 0.00	36.26 2.40 0.00	37.35 2.35 0.00	40.51 2.72 0.00	42.83 3.10 0.00	43.22 3.28 0.00	40.93 3.24 0.00	44.39 3.34 -3.92	49.29 3.67 -5.28	50.36 3.66 -6.08	52.32 3.86 -5.61	53.42 3.92 -5.91	55.31 4.59 -2.95	58.37 4.82 0.00	67.49 4.71 0.00	75.97 3.96 0.00	70.85 3.50 0.00	60.01 2.75 0.00	54.75 2.66 0.00	50.84 2.88 0.00	46.51 3.20 0.00
WATKINRD_115KV_LN8_ILLION 55919	45.40 0.23 0.00	39.85 0.16 0.00	36.24 0.18 0.00	33.92 0.17 0.00	34.03 0.17 0.00	35.21 0.21 0.00	38.02 0.23 0.00	39.97 0.24 0.00	40.15 0.20 0.00	37.80 0.11 0.00	37.20 0.07 0.00	40.42 0.08 0.00	40.66 0.04 0.00	42.90 0.04 0.00	43.67 0.09 0.00	47.86 0.10 0.00	53.65 0.11 0.00	62.97 0.19 0.00	72.15 0.14 0.00	67.61 0.27 0.00	57.49 0.23 0.00	52.41 0.31 0.00	48.20 0.24 0.00	43.52 0.22 0.00

WDELAWARE___HYD 323627	47.52 2.35 0.00	41.56 1.87 0.00	37.79 1.73 0.00	35.27 1.52 0.00	35.31 1.45 0.00	36.54 1.54 0.00	39.56 1.78 0.00	41.68 1.95 0.00	41.98 2.04 0.00	39.46 1.77 0.00	39.25 1.78 -0.34	42.35 1.90 -0.12	43.23 2.07 -0.54	45.58 2.23 -0.50	46.55 2.44 -0.52	50.85 2.82 -0.26	56.60 3.05 0.00	66.35 3.58 0.00	75.32 3.31 0.00	70.64 3.30 0.00	59.84 2.58 0.00	54.55 2.45 0.00	50.22 2.25 0.00	45.38 2.08 0.00
WEST BABYLON___IC 23714	50.46 5.28 0.00	43.86 4.17 0.00	39.84 3.79 0.00	37.26 3.51 0.00	37.01 3.15 0.00	38.19 3.19 0.00	41.45 3.67 0.00	43.86 4.13 0.00	44.54 4.59 0.00	42.02 4.33 0.00	46.79 4.42 -5.24	50.35 4.72 -5.28	51.70 4.96 -6.12	53.64 5.14 -5.64	54.95 5.40 -5.95	56.47 5.73 -2.97	63.98 6.10 -4.33	68.93 6.15 0.00	78.39 5.62 -0.77	71.79 4.44 0.00	60.81 3.55 0.00	56.42 4.32 0.00	52.76 4.80 0.00	47.76 4.46 0.00
WEST CANADA___HYD 24049	45.44 0.27 0.00	39.89 0.20 0.00	36.28 0.22 0.00	33.95 0.20 0.00	34.06 0.20 0.00	35.22 0.21 0.00	38.02 0.23 0.00	39.97 0.24 0.00	40.19 0.24 0.00	37.87 0.19 0.00	37.32 0.19 0.00	40.54 0.20 0.00	40.83 0.20 0.00	43.07 0.22 0.00	43.85 0.26 0.00	48.06 0.29 0.00	53.82 0.27 0.00	63.09 0.32 0.00	72.22 0.22 0.00	67.61 0.27 0.00	57.55 0.29 0.00	52.41 0.31 0.00	48.25 0.29 0.00	43.56 0.26 0.00
WESTERN_NY_WIND 24143	44.76 -0.41 0.00	40.25 0.56 0.00	36.27 0.22 0.00	33.65 -0.10 0.00	33.89 0.03 0.00	35.11 0.11 0.00	37.56 -0.23 0.00	38.74 -0.99 0.00	39.11 -0.84 0.00	37.08 -0.60 0.00	36.28 -0.85 0.00	39.17 -1.17 0.00	40.46 -0.16 0.00	42.98 0.13 0.00	44.02 0.44 0.00	47.38 -0.38 0.00	53.49 -0.05 0.00	63.28 0.50 0.00	72.22 0.22 0.00	68.89 1.55 0.00	58.52 1.26 0.00	52.62 0.52 0.00	48.83 0.86 0.00	44.47 1.17 0.00
WESTOVER___LESR 323668	45.40 0.23 0.00	40.09 0.40 0.00	36.35 0.29 0.00	33.95 0.20 0.00	34.16 0.30 0.00	35.32 0.32 0.00	38.09 0.30 0.00	39.81 0.08 0.00	40.03 0.08 0.00	37.72 0.04 0.00	37.13 0.00 0.00	40.26 -0.08 0.00	40.95 0.32 0.00	43.37 0.51 0.00	44.24 0.65 0.00	48.34 0.57 0.00	54.30 0.75 0.00	63.78 1.00 0.00	72.73 0.72 0.00	68.56 1.21 0.00	58.29 1.03 0.00	52.88 0.78 0.00	48.73 0.77 0.00	44.12 0.82 0.00
WETHRSFD_WT_PWR 323626	44.22 -0.95 0.00	39.46 -0.24 0.00	35.63 -0.43 0.00	33.55 -0.20 0.00	33.66 -0.20 0.00	34.83 -0.17 0.00	37.11 -0.68 0.00	38.18 -1.55 0.00	38.15 -1.80 0.00	36.21 -1.47 0.00	35.76 -1.37 0.00	38.69 -1.66 0.00	39.65 -0.98 0.00	42.17 -0.69 0.00	43.15 -0.44 0.00	46.72 -1.05 0.00	52.53 -1.02 0.00	61.90 -0.88 0.00	70.42 -1.58 0.00	67.34 0.00 0.00	57.37 0.11 0.00	51.68 -0.42 0.00	48.16 0.19 0.00	43.95 0.65 0.00
WHAVSTOR_138KV_BK127 55557	47.97 2.80 0.00	41.92 2.22 0.00	38.15 2.09 0.00	35.71 1.96 0.00	35.69 1.83 0.00	36.86 1.86 0.00	39.83 2.04 0.00	42.16 2.42 0.00	42.50 2.56 0.00	40.10 2.41 0.00	42.30 2.60 -2.57	43.55 2.78 -0.42	47.63 2.97 -4.04	49.71 3.13 -3.73	50.83 3.31 -3.93	53.50 3.77 -1.96	57.56 4.02 0.00	67.11 4.33 0.00	75.75 3.74 0.00	70.78 3.43 0.00	59.95 2.69 0.00	54.65 2.55 0.00	50.55 2.59 0.00	45.68 2.38 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	47.97 2.80 0.00	41.92 2.22 0.00	38.15 2.09 0.00	35.71 1.96 0.00	35.69 1.83 0.00	36.86 1.86 0.00	39.83 2.04 0.00	42.16 2.42 0.00	42.50 2.56 0.00	40.10 2.41 0.00	42.30 2.60 -2.57	43.55 2.78 -0.42	47.63 2.97 -4.04	49.71 3.13 -3.73	50.83 3.31 -3.93	53.50 3.77 -1.96	57.56 4.02 0.00	67.11 4.33 0.00	75.75 3.74 0.00	70.78 3.43 0.00	59.95 2.69 0.00	54.65 2.55 0.00	50.55 2.59 0.00	45.68 2.38 0.00
WHITEHAL_115KV_TB1 80871	47.61 2.44 0.00	41.88 2.18 0.00	37.97 1.91 0.00	35.37 1.62 0.00	35.48 1.63 0.00	36.75 1.75 0.00	39.60 1.81 0.00	41.60 1.87 0.00	41.50 1.56 0.00	38.70 1.02 0.00	37.61 0.67 0.19	41.08 0.81 0.07	40.90 0.57 0.29	43.19 0.60 0.27	44.04 0.74 0.28	48.58 0.96 0.14	54.56 1.02 0.00	64.72 1.95 0.00	74.60 2.59 0.00	70.85 3.50 0.00	60.52 3.26 0.00	54.96 2.87 0.00	50.27 2.30 0.00	45.08 1.78 0.00
WHITEPLN_13_KV_LOAD 356215	48.87 3.70 0.00	42.67 2.98 0.00	38.80 2.74 0.00	36.28 2.53 0.00	36.23 2.37 0.00	37.45 2.45 0.00	40.62 2.83 0.00	42.95 3.22 0.00	43.38 3.44 0.00	40.93 3.24 0.00	44.17 3.45 -3.59	49.18 3.71 -5.13	50.15 3.90 -5.63	52.20 4.16 -5.19	53.47 4.40 -5.48	55.42 4.92 -2.74	58.79 5.25 0.00	68.68 5.90 0.00	77.48 5.47 0.00	72.19 4.85 0.00	61.15 3.89 0.00	55.69 3.59 0.00	51.42 3.45 0.00	46.46 3.16 0.00
WM_FLOYD_69_KV_BK2 356380	50.05 4.88 0.00	43.42 3.73 0.00	39.48 3.43 0.00	36.99 3.24 0.00	36.70 2.84 0.00	37.73 2.73 0.00	41.11 3.33 0.00	43.39 3.66 0.00	44.14 4.19 0.00	41.57 3.88 0.00	46.35 3.97 -5.24	49.78 4.16 -5.28	51.13 4.39 -6.12	53.21 4.71 -5.64	54.47 4.93 -5.95	56.18 5.30 -3.12	62.75 5.52 -3.68	74.34 5.46 -6.10	77.28 4.82 -0.45	71.13 3.77 -0.01	60.19 2.92 -0.01	55.79 3.70 0.00	52.09 4.12 0.00	47.24 3.94 0.00
WOODARD__115KV_TB2 355635	44.63 -0.54 0.00	39.34 -0.36 0.00	35.63 -0.43 0.00	33.31 -0.44 0.00	33.49 -0.37 0.00	34.65 -0.35 0.00	37.45 -0.34 0.00	39.33 -0.40 0.00	39.59 -0.36 0.00	37.27 -0.41 0.00	36.65 -0.48 0.00	39.86 -0.48 0.00	40.26 -0.37 0.00	42.60 -0.26 0.00	43.37 -0.22 0.00	47.43 -0.33 0.00	53.17 -0.37 0.00	62.46 -0.31 0.00	71.50 -0.50 0.00	67.21 -0.13 0.00	57.20 -0.06 0.00	51.89 -0.21 0.00	47.72 -0.24 0.00	43.08 -0.22 0.00
WOODMERE_69_KV_BK1 55827	50.00 4.83 0.00	43.62 3.93 0.00	39.66 3.61 0.00	37.09 3.34 0.00	36.87 3.01 0.00	38.08 3.08 0.00	41.30 3.51 0.00	43.75 4.01 0.00	44.26 4.31 0.00	41.75 4.07 0.00	46.50 4.12 -5.24	50.10 4.48 -5.28	51.41 4.67 -6.12	53.51 5.01 -5.64	54.77 5.23 -5.95	56.62 5.88 -2.97	59.97 6.43 0.00	69.50 6.72 0.00	78.27 6.26 0.00	72.66 5.32 0.00	61.44 4.18 0.00	56.52 4.43 0.00	52.57 4.60 0.00	47.54 4.24 0.00
YORK___WARBASSE 23770	49.19 4.02 0.00	42.79 3.10 0.00	38.87 2.81 0.00	36.35 2.60 0.00	36.30 2.44 0.00	37.35 2.35 0.00	40.55 2.76 0.00	42.83 3.10 0.00	43.18 3.24 0.00	40.96 3.28 0.00	44.39 3.34 -3.92	49.37 3.75 -5.28	50.35 3.66 -6.08	52.36 3.90 -5.60	53.46 3.97 -5.91	55.35 4.63 -2.95	58.47 4.93 0.00	67.74 4.96 0.00	76.40 4.39 0.00	71.32 3.97 0.00	60.24 2.98 0.00	54.80 2.71 0.00	50.84 2.88 0.00	46.64 3.33 0.00