

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/11/2025

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	38.12	37.59	38.47	37.41	36.02	39.23	45.14	70.03	76.14	71.32	77.52	61.46	50.31	51.02	52.37	54.55	58.53	66.73	59.64	65.04	57.00	75.89	81.95	69.67
24138	1.65	1.44	1.44	1.49	1.41	1.62	1.94	3.35	3.89	3.39	3.49	2.84	2.29	2.40	2.43	2.63	2.69	3.06	3.18	3.66	3.29	3.41	3.59	3.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	38.14	37.60	38.45	37.36	35.96	39.15	45.07	69.91	75.96	71.12	77.30	61.31	50.19	50.87	52.21	54.39	58.38	66.59	59.51	64.92	56.93	75.77	81.87	69.59
24260	1.67	1.45	1.42	1.44	1.35	1.55	1.87	3.23	3.71	3.19	3.28	2.70	2.16	2.24	2.27	2.47	2.54	2.92	3.04	3.55	3.22	3.29	3.51	3.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	38.14	37.60	38.45	37.36	35.96	39.15	45.07	69.91	75.96	71.12	77.30	61.31	50.19	50.87	52.21	54.39	58.38	66.59	59.51	64.92	56.93	75.77	81.87	69.59
24261	1.67	1.45	1.42	1.44	1.35	1.55	1.87	3.23	3.71	3.19	3.28	2.70	2.16	2.24	2.27	2.47	2.54	2.92	3.04	3.55	3.22	3.29	3.51	3.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	38.09	37.65	38.60	37.46	36.12	39.42	45.56	70.84	76.85	71.17	77.43	61.01	50.04	50.63	51.92	53.92	58.40	67.11	59.79	64.88	56.75	75.88	81.71	69.45
24011	1.62	1.50	1.57	1.55	1.50	1.81	2.36	4.15	4.61	3.24	3.41	2.39	2.01	2.00	1.99	2.00	2.56	3.44	3.33	3.50	3.04	3.40	3.35	2.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	38.29	37.79	38.75	37.61	36.31	39.64	45.90	71.45	77.55	71.61	77.96	61.34	50.40	51.03	52.26	54.29	58.91	67.72	60.32	65.33	57.15	76.29	82.01	69.77
23798	1.82	1.64	1.72	1.70	1.70	2.03	2.71	4.76	5.31	3.68	3.93	2.72	2.38	2.40	2.32	2.38	3.07	4.06	3.85	3.96	3.44	3.82	3.64	3.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	38.09	37.65	38.60	37.46	36.12	39.42	45.56	70.84	76.85	71.17	77.43	61.01	50.04	50.63	51.92	53.92	58.40	67.11	59.79	64.88	56.75	75.88	81.71	69.45
24028	1.62	1.50	1.57	1.55	1.50	1.81	2.36	4.15	4.61	3.24	3.41	2.39	2.01	2.00	1.99	2.00	2.56	3.44	3.33	3.50	3.04	3.40	3.35	2.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	37.26	37.11	38.08	36.93	35.34	38.51	44.22	68.60	74.26	69.23	75.14	59.19	48.62	49.47	50.88	52.58	56.87	65.38	58.12	63.04	55.14	74.01	79.87	67.82
23527	0.80	0.96	1.05	1.01	0.73	0.91	1.03	1.91	2.01	1.30	1.12	0.57	0.60	0.84	0.94	0.67	1.03	1.71	1.66	1.66	1.43	1.53	1.51	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	36.48	36.18	37.07	35.99	34.59	37.63	43.21	66.84	72.39	67.61	73.44	58.01	47.54	48.20	49.59	51.51	55.58	63.63	56.65	61.53	53.85	72.17	77.91	66.22
24190	0.02	0.03	0.05	0.07	-0.02	0.03	0.01	0.15	0.14	-0.32	-0.58	-0.61	-0.48	-0.43	-0.35	-0.40	-0.26	-0.04	0.18	0.15	0.13	-0.31	-0.45	-0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	36.61	36.31	37.21	36.06	34.72	37.65	43.13	66.24	71.54	67.64	73.93	58.67	48.21	48.94	50.27	52.32	56.29	64.07	56.11	61.05	53.43	72.93	78.65	66.64
355683	0.15	0.16	0.18	0.14	0.11	0.05	-0.07	-0.44	-0.71	-0.29	-0.10	0.06	0.19	0.31	0.32	0.40	0.45	0.40	-0.35	-0.33	-0.28	0.45	0.29	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.91	38.59	39.56	38.42	36.99	40.35	46.48	72.01	77.65	71.33	75.85	59.36	48.14	48.81	50.44	52.52	56.78	64.99	57.87	62.87	54.99	73.75	79.66	67.73
323833	2.45	2.43	2.53	2.50	2.38	2.75	3.29	5.32	5.41	3.40	1.83	0.75	0.11	0.18	0.50	0.60	0.94	1.32	1.41	1.49	1.28	1.28	1.30	1.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	38.91	38.59	39.56	38.42	36.99	40.35	46.48	72.01	77.65	71.32	75.84	59.35	48.13	48.80	50.43	52.51	56.77	64.95	57.85	62.84	54.97	73.73	79.64	67.71
323834	2.45	2.43	2.53	2.50	2.38	2.75	3.29	5.32	5.41	3.39	1.82	0.73	0.11	0.18	0.49	0.59	0.92	1.29	1.39	1.46	1.26	1.25	1.28	1.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.48	36.18	37.07	35.99	34.59	37.63	43.21	66.84	72.39	67.61	73.44	58.01	47.54	48.20	49.59	51.51	55.58	63.63	56.65	61.53	53.85	72.17	77.91	66.22
23571	0.02	0.03	0.05	0.07	-0.02	0.03	0.01	0.15	0.14	-0.32	-0.58	-0.61	-0.48	-0.43	-0.35	-0.40	-0.26	-0.04	0.18	0.15	0.13	-0.31	-0.45	-0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	36.48 0.02 0.00	36.18 0.03 0.00	37.07 0.05 0.00	35.99 0.07 0.00	34.59 -0.02 0.00	37.63 0.03 0.00	43.21 0.01 0.00	66.84 0.15 0.00	72.39 0.14 0.00	67.61 -0.32 0.00	73.44 -0.58 0.00	58.01 -0.61 0.00	47.54 -0.48 0.00	48.20 -0.43 0.00	49.59 -0.35 0.00	51.51 -0.40 0.00	55.58 -0.26 0.00	63.63 -0.04 0.00	56.65 0.18 0.00	61.53 0.15 0.00	53.85 0.13 0.00	72.17 -0.31 0.00	77.91 -0.45 0.00	66.22 -0.37 0.00
ALBANY___3 23573	36.48 0.02 0.00	36.18 0.03 0.00	37.07 0.05 0.00	35.99 0.07 0.00	34.59 -0.02 0.00	37.63 0.03 0.00	43.21 0.01 0.00	66.84 0.15 0.00	72.39 0.14 0.00	67.61 -0.32 0.00	73.44 -0.58 0.00	58.01 -0.61 0.00	47.54 -0.48 0.00	48.20 -0.43 0.00	49.59 -0.35 0.00	51.51 -0.40 0.00	55.58 -0.26 0.00	63.63 -0.04 0.00	56.65 0.18 0.00	61.53 0.15 0.00	53.85 0.13 0.00	72.17 -0.31 0.00	77.91 -0.45 0.00	66.22 -0.37 0.00
ALBANY___4 23574	36.48 0.02 0.00	36.18 0.03 0.00	37.07 0.05 0.00	35.99 0.07 0.00	34.59 -0.02 0.00	37.63 0.03 0.00	43.21 0.01 0.00	66.84 0.15 0.00	72.39 0.14 0.00	67.61 -0.32 0.00	73.44 -0.58 0.00	58.01 -0.61 0.00	47.54 -0.48 0.00	48.20 -0.43 0.00	49.59 -0.35 0.00	51.51 -0.40 0.00	55.58 -0.26 0.00	63.63 -0.04 0.00	56.65 0.18 0.00	61.53 0.15 0.00	53.85 0.13 0.00	72.17 -0.31 0.00	77.91 -0.45 0.00	66.22 -0.37 0.00
ALBANY___LFGE 323615	36.85 0.39 0.00	36.55 0.39 0.00	37.45 0.42 0.00	36.36 0.44 0.00	34.95 0.33 0.00	38.04 0.43 0.00	43.69 0.49 0.00	67.63 0.95 0.00	73.26 1.01 0.00	68.43 0.50 0.00	74.37 0.34 0.00	58.73 0.11 0.00	48.12 0.10 0.00	48.75 0.12 0.00	50.17 0.23 0.00	52.11 0.19 0.00	56.23 0.38 0.00	64.38 0.71 0.00	57.31 0.84 0.00	62.26 0.88 0.00	54.46 0.75 0.00	72.99 0.51 0.00	78.77 0.41 0.00	66.94 0.35 0.00
ALCOA_PA_115KV_PL-6C 55860	36.89 0.42 0.00	36.59 0.44 0.00	37.49 0.46 0.00	36.34 0.43 0.00	35.00 0.38 0.00	37.95 0.35 0.00	43.31 0.12 0.00	66.52 -0.17 0.00	72.02 -0.22 0.00	68.35 0.42 0.00	74.73 0.71 0.00	59.34 0.72 0.00	48.68 0.66 0.00	49.24 0.61 0.00	50.56 0.62 0.00	52.60 0.68 0.00	56.62 0.78 0.00	64.43 0.76 0.00	56.41 -0.05 0.00	61.19 -0.18 0.00	53.04 -0.67 0.00	73.05 0.58 0.00	79.07 0.71 0.00	67.03 0.44 0.00
ALCOA_RYNLDS___DRP 24188	36.89 0.42 0.00	36.59 0.44 0.00	37.49 0.46 0.00	36.34 0.43 0.00	35.00 0.38 0.00	37.95 0.35 0.00	43.31 0.12 0.00	66.52 -0.17 0.00	72.02 -0.22 0.00	68.35 0.42 0.00	74.73 0.71 0.00	59.34 0.72 0.00	48.68 0.66 0.00	49.24 0.61 0.00	50.56 0.62 0.00	52.60 0.68 0.00	56.62 0.78 0.00	64.43 0.76 0.00	56.41 -0.05 0.00	61.19 -0.18 0.00	53.04 -0.67 0.00	73.05 0.58 0.00	79.07 0.71 0.00	67.03 0.44 0.00
ALCOA___DSASP 323711	36.89 0.42 0.00	36.59 0.44 0.00	37.49 0.46 0.00	36.34 0.43 0.00	35.00 0.38 0.00	37.95 0.35 0.00	43.31 0.12 0.00	66.52 -0.17 0.00	72.02 -0.22 0.00	68.35 0.42 0.00	74.73 0.71 0.00	59.34 0.72 0.00	48.68 0.66 0.00	49.24 0.61 0.00	50.56 0.62 0.00	52.60 0.68 0.00	56.62 0.78 0.00	64.43 0.76 0.00	56.41 -0.05 0.00	61.20 -0.18 0.00	53.05 -0.66 0.00	73.05 0.57 0.00	79.07 0.71 0.00	67.03 0.44 0.00
ALLEGHENY___COGEN 23514	37.52 1.06 0.00	37.48 1.33 0.00	38.35 1.32 0.00	37.15 1.23 0.00	35.99 1.38 0.00	38.99 1.38 0.00	45.12 1.92 0.00	70.24 3.55 0.00	75.91 3.67 0.00	71.21 3.28 0.00	77.90 3.87 0.00	61.80 3.18 0.00	50.26 2.24 0.00	50.69 2.06 0.00	52.07 2.13 0.00	54.10 2.18 0.00	58.34 2.50 0.00	66.23 2.57 0.00	59.07 2.61 0.00	64.68 3.31 0.00	56.66 2.95 0.00	75.99 3.51 0.00	82.00 3.64 0.00	69.37 2.78 0.00
ALTAMONT_115KV_TB 2 55880	36.89 0.42 0.00	36.55 0.40 0.00	37.45 0.42 0.00	36.35 0.43 0.00	34.97 0.36 0.00	38.05 0.44 0.00	43.72 0.53 0.00	67.66 0.97 0.00	73.27 1.03 0.00	68.54 0.61 0.00	74.49 0.47 0.00	58.87 0.25 0.00	48.22 0.20 0.00	48.85 0.22 0.00	50.21 0.27 0.00	52.17 0.25 0.00	56.23 0.38 0.00	64.34 0.67 0.00	57.31 0.85 0.00	62.31 0.93 0.00	54.53 0.82 0.00	73.15 0.67 0.00	79.02 0.66 0.00	67.16 0.57 0.00
ALTONA_WT_PWR 323606	37.14 0.67 0.00	36.78 0.63 0.00	37.81 0.78 0.00	36.73 0.81 0.00	35.43 0.82 0.00	38.57 0.96 0.00	44.21 1.01 0.00	67.95 1.25 0.00	73.48 1.23 0.00	69.13 1.20 0.00	75.42 1.40 0.00	59.80 1.18 0.00	49.10 1.08 0.00	49.62 0.99 0.00	50.85 0.91 0.00	52.90 0.98 0.00	57.17 1.33 0.00	65.16 1.50 0.00	57.33 0.87 0.00	61.98 0.59 0.00	54.63 0.92 0.00	73.91 1.43 0.00	79.98 1.62 0.00	67.79 1.21 0.00
AMERICAN_REF_FUEL 24010	35.36 -1.10 0.00	35.35 -0.80 0.00	36.05 -0.98 0.00	34.67 -1.25 0.00	33.68 -0.94 0.00	36.17 -1.44 0.00	41.22 -1.97 0.00	63.83 -2.85 0.00	69.05 -3.19 0.00	66.11 -1.82 0.00	72.94 -1.08 0.00	57.66 -0.96 0.00	46.94 -1.08 0.00	47.17 -1.46 0.00	48.43 -1.51 0.00	50.17 -1.75 0.00	53.51 -2.34 0.00	60.40 -3.27 0.00	53.70 -2.76 0.00	58.48 -2.90 0.00	51.39 -2.32 0.00	69.46 -3.01 0.00	75.71 -2.65 0.00	64.21 -2.39 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.59 1.12 0.00	37.62 1.47 0.00	38.35 1.32 0.00	36.97 1.06 0.00	35.92 1.30 0.00	38.70 1.10 0.00	44.35 1.15 0.00	69.06 2.37 0.00	74.68 2.43 0.00	71.17 3.25 0.00	78.06 4.04 0.00	61.79 3.18 0.00	50.36 2.34 0.00	50.50 1.87 0.00	51.73 1.79 0.00	53.58 1.66 0.00	57.37 1.53 0.00	64.83 1.16 0.00	57.88 1.41 0.00	63.02 1.64 0.00	55.15 1.44 0.00	74.19 1.71 0.00	80.35 1.98 0.00	68.06 1.47 0.00
ARTHUR KILL_GT_1 23520	52.70 1.64 -14.59	51.90 1.45 -14.29	51.51 1.38 -13.10	50.92 1.36 -13.64	51.41 1.27 -15.52	51.90 1.44 -12.86	52.21 1.71 -7.31	82.84 2.87 -13.28	85.33 3.43 -9.66	90.41 2.95 -19.54	90.61 3.02 -13.56	89.25 2.48 -28.16	83.41 1.91 -33.48	89.27 2.03 -38.61	86.58 2.08 -34.56	84.58 2.20 -30.46	81.08 2.23 -23.00	80.20 2.55 -13.98	81.52 2.80 -22.25	89.34 3.37 -24.58	89.41 3.19 -32.51	89.89 3.06 -14.35	91.87 3.26 -10.25	82.04 2.92 -12.53
ARTHUR_KILL_2 23512	52.60 1.54 -14.59	51.80 1.36 -14.29	51.41 1.28 -13.10	50.82 1.27 -13.64	51.31 1.17 -15.52	51.80 1.34 -12.86	52.08 1.57 -7.31	82.62 2.65 -13.28	85.10 3.20 -9.66	90.21 2.74 -19.54	90.38 2.79 -13.56	89.08 2.30 -28.16	83.27 1.77 -33.48	89.14 1.90 -38.61	86.43 1.93 -34.56	84.42 2.04 -30.46	80.90 2.06 -23.00	80.00 2.35 -13.98	81.34 2.63 -22.25	89.13 3.17 -24.58	89.23 3.00 -32.51	89.65 2.82 -14.35	91.64 3.03 -10.25	81.84 2.72 -12.53
ARTHUR_KILL_3 23513	52.34 1.28 -14.59	51.51 1.06 -14.30	51.16 1.03 -13.10	50.63 1.07 -13.64	51.13 1.01 -15.51	51.65 1.18 -12.85	51.91 1.40 -7.31	82.70 2.47 -13.54	76.32 2.77 -1.31	76.28 2.25 -6.10	76.27 2.24 0.00	69.59 1.90 -9.07	83.00 1.51 -33.47	88.82 1.59 -38.61	86.12 1.62 -34.55	84.18 1.81 -30.45	80.63 1.79 -22.99	71.15 2.06 -5.42	70.12 2.29 -11.37	64.17 2.80 0.00	71.33 2.56 -15.06	81.58 2.39 -6.71	80.88 2.52 0.00	71.92 2.16 -3.18

ARTHUR_KILL_COGEN 323718	52.70 1.64 -14.59	51.90 1.45 -14.29	51.51 1.38 -13.10	50.92 1.36 -13.64	51.41 1.27 -15.52	51.90 1.44 -12.86	52.21 1.71 -7.31	82.84 2.87 -13.28	85.33 3.43 -9.66	90.41 2.95 -19.54	90.61 3.02 -13.56	89.25 2.48 -28.16	83.41 1.91 -33.48	89.27 2.03 -38.61	86.58 2.08 -34.56	84.58 2.20 -30.46	81.08 2.23 -23.00	80.20 2.55 -13.98	81.52 2.80 -22.25	89.34 3.37 -24.58	89.41 3.19 -32.51	89.89 3.06 -14.35	91.87 3.26 -10.25	82.04 2.92 -12.53
ASHOKAN____ 23654	38.23 1.76 0.00	37.78 1.63 0.00	38.66 1.63 0.00	37.54 1.62 0.00	36.17 1.56 0.00	39.45 1.84 0.00	45.54 2.34 0.00	70.69 4.00 0.00	76.64 4.39 0.00	71.96 4.03 0.00	78.16 4.14 0.00	60.90 2.28 0.00	49.68 1.66 0.00	50.21 1.58 0.00	51.80 1.86 0.00	53.90 1.98 0.00	58.27 2.43 0.00	66.63 2.96 0.00	59.57 3.10 0.00	64.86 3.48 0.00	56.77 3.06 0.00	75.82 3.34 0.00	81.72 3.36 0.00	69.32 2.73 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.81 1.35 0.00	37.23 1.07 -0.01	38.03 1.00 0.00	36.96 1.04 0.00	35.58 0.97 0.00	38.73 1.13 0.00	44.58 1.38 0.00	69.33 2.64 0.00	76.85 3.30 -1.31	72.12 2.71 -1.48	77.04 2.76 -0.25	60.84 2.22 -0.01	49.80 1.78 0.00	50.60 1.85 -0.12	52.88 1.87 -1.07	55.04 2.03 -1.09	59.49 2.09 -1.55	66.13 2.46 -0.01	59.09 2.63 0.00	64.46 3.09 0.00	56.55 2.84 0.00	75.70 2.89 -0.33	81.96 3.22 -0.38	69.28 2.69 0.00
ASTORIA_EAST_ENERGY_CC2 323582	37.81 1.35 0.00	37.23 1.07 -0.01	38.03 1.00 0.00	36.96 1.04 0.00	35.58 0.97 0.00	38.73 1.13 0.00	44.58 1.38 0.00	69.32 2.63 0.00	76.79 3.24 -1.31	72.08 2.67 -1.48	76.98 2.71 -0.25	60.80 2.18 -0.01	49.78 1.76 0.00	50.57 1.82 -0.12	52.86 1.85 -1.07	55.01 2.00 -1.09	59.46 2.06 -1.55	66.09 2.42 -0.01	59.06 2.59 0.00	64.44 3.06 0.00	56.52 2.81 0.00	75.67 2.86 -0.33	81.96 3.22 -0.38	69.28 2.69 0.00
ASTORIA_GT2_1 24094	37.83 1.37 0.00	37.25 1.09 -0.01	38.06 1.03 0.00	36.98 1.06 0.00	35.60 0.98 0.00	38.76 1.16 0.00	44.59 1.40 0.00	69.37 2.68 0.00	77.05 3.49 -1.31	72.28 2.87 -1.48	77.09 2.82 -0.25	60.84 2.21 -0.01	49.80 1.77 0.00	50.61 1.86 -0.12	52.94 1.94 -1.07	55.16 2.16 -1.09	59.66 2.27 -1.55	66.13 2.46 -0.01	59.08 2.62 0.00	64.47 3.09 0.00	56.56 2.85 0.00	75.81 3.00 -0.33	82.06 3.32 -0.38	69.28 2.68 0.00
ASTORIA_GT2_2 24095	37.83 1.37 0.00	37.25 1.09 -0.01	38.06 1.03 0.00	36.98 1.06 0.00	35.60 0.98 0.00	38.76 1.16 0.00	44.59 1.40 0.00	69.37 2.68 0.00	77.05 3.49 -1.31	72.28 2.87 -1.48	77.09 2.82 -0.25	60.84 2.21 -0.01	49.80 1.77 0.00	50.61 1.86 -0.12	52.94 1.94 -1.07	55.16 2.16 -1.09	59.66 2.27 -1.55	66.13 2.46 -0.01	59.08 2.62 0.00	64.47 3.09 0.00	56.56 2.85 0.00	75.81 3.00 -0.33	82.06 3.32 -0.38	69.28 2.68 0.00
ASTORIA_GT2_3 24096	37.83 1.37 0.00	37.25 1.09 -0.01	38.06 1.03 0.00	36.98 1.06 0.00	35.60 0.98 0.00	38.76 1.16 0.00	44.59 1.40 0.00	69.37 2.68 0.00	77.05 3.49 -1.31	72.28 2.87 -1.48	77.09 2.82 -0.25	60.84 2.21 -0.01	49.80 1.77 0.00	50.61 1.86 -0.12	52.94 1.94 -1.07	55.16 2.16 -1.09	59.66 2.27 -1.55	66.13 2.46 -0.01	59.08 2.62 0.00	64.47 3.09 0.00	56.56 2.85 0.00	75.81 3.00 -0.33	82.06 3.32 -0.38	69.28 2.68 0.00
ASTORIA_GT2_4 24097	37.83 1.37 0.00	37.25 1.09 -0.01	38.06 1.03 0.00	36.98 1.06 0.00	35.60 0.98 0.00	38.76 1.16 0.00	44.59 1.40 0.00	69.37 2.68 0.00	77.05 3.49 -1.31	72.28 2.87 -1.48	77.09 2.82 -0.25	60.84 2.21 -0.01	49.80 1.77 0.00	50.61 1.86 -0.12	52.94 1.94 -1.07	55.16 2.16 -1.09	59.66 2.27 -1.55	66.13 2.46 -0.01	59.08 2.62 0.00	64.47 3.09 0.00	56.56 2.85 0.00	75.81 3.00 -0.33	82.06 3.32 -0.38	69.28 2.68 0.00
ASTORIA_GT3_1 24098	37.83 1.37 0.00	37.25 1.09 -0.01	38.06 1.03 0.00	36.98 1.06 0.00	35.60 0.98 0.00	38.76 1.16 0.00	44.59 1.40 0.00	69.37 2.68 0.00	77.05 3.49 -1.31	72.28 2.87 -1.48	77.09 2.82 -0.25	60.84 2.21 -0.01	49.80 1.77 0.00	50.61 1.86 -0.12	52.94 1.94 -1.07	55.16 2.16 -1.09	59.66 2.27 -1.55	66.13 2.46 -0.01	59.08 2.62 0.00	64.47 3.09 0.00	56.56 2.85 0.00	75.81 3.00 -0.33	82.06 3.32 -0.38	69.28 2.68 0.00
ASTORIA_GT3_2 24099	37.83 1.37 0.00	37.25 1.09 -0.01	38.06 1.03 0.00	36.98 1.06 0.00	35.60 0.98 0.00	38.76 1.16 0.00	44.59 1.40 0.00	69.37 2.68 0.00	77.05 3.49 -1.31	72.28 2.87 -1.48	77.09 2.82 -0.25	60.84 2.21 -0.01	49.80 1.77 0.00	50.61 1.86 -0.12	52.94 1.94 -1.07	55.16 2.16 -1.09	59.66 2.27 -1.55	66.13 2.46 -0.01	59.08 2.62 0.00	64.47 3.09 0.00	56.56 2.85 0.00	75.81 3.00 -0.33	82.06 3.32 -0.38	69.28 2.68 0.00
ASTORIA_GT3_3 24100	37.83 1.37 0.00	37.25 1.09 -0.01	38.06 1.03 0.00	36.98 1.06 0.00	35.60 0.98 0.00	38.76 1.16 0.00	44.59 1.40 0.00	69.37 2.68 0.00	77.05 3.49 -1.31	72.28 2.87 -1.48	77.09 2.82 -0.25	60.84 2.21 -0.01	49.80 1.77 0.00	50.61 1.86 -0.12	52.94 1.94 -1.07	55.16 2.16 -1.09	59.66 2.27 -1.55	66.13 2.46 -0.01	59.08 2.62 0.00	64.47 3.09 0.00	56.56 2.85 0.00	75.81 3.00 -0.33	82.06 3.32 -0.38	69.28 2.68 0.00
ASTORIA_GT3_4 24101	37.83 1.37 0.00	37.25 1.09 -0.01	38.06 1.03 0.00	36.98 1.06 0.00	35.60 0.98 0.00	38.76 1.16 0.00	44.59 1.40 0.00	69.37 2.68 0.00	77.05 3.49 -1.31	72.28 2.87 -1.48	77.09 2.82 -0.25	60.84 2.21 -0.01	49.80 1.77 0.00	50.61 1.86 -0.12	52.94 1.94 -1.07	55.16 2.16 -1.09	59.66 2.27 -1.55	66.13 2.46 -0.01	59.08 2.62 0.00	64.47 3.09 0.00	56.56 2.85 0.00	75.81 3.00 -0.33	82.06 3.32 -0.38	69.28 2.68 0.00
ASTORIA_GT4_1 24102	37.83 1.37 0.00	37.25 1.09 -0.01	38.06 1.03 0.00	36.98 1.06 0.00	35.60 0.98 0.00	38.76 1.16 0.00	44.59 1.40 0.00	69.37 2.68 0.00	77.05 3.49 -1.31	72.28 2.87 -1.48	77.09 2.82 -0.25	60.84 2.21 -0.01	49.80 1.77 0.00	50.61 1.86 -0.12	52.94 1.94 -1.07	55.16 2.16 -1.09	59.66 2.27 -1.55	66.13 2.46 -0.01	59.08 2.62 0.00	64.47 3.09 0.00	56.56 2.85 0.00	75.81 3.00 -0.33	82.06 3.32 -0.38	69.28 2.68 0.00
ASTORIA_GT4_2 24103	37.83 1.37 0.00	37.25 1.09 -0.01	38.06 1.03 0.00	36.98 1.06 0.00	35.60 0.98 0.00	38.76 1.16 0.00	44.59 1.40 0.00	69.37 2.68 0.00	77.05 3.49 -1.31	72.28 2.87 -1.48	77.09 2.82 -0.25	60.84 2.21 -0.01	49.80 1.77 0.00	50.61 1.86 -0.12	52.94 1.94 -1.07	55.16 2.16 -1.09	59.66 2.27 -1.55	66.13 2.46 -0.01	59.08 2.62 0.00	64.47 3.09 0.00	56.56 2.85 0.00	75.81 3.00 -0.33	82.06 3.32 -0.38	69.28 2.68 0.00
ASTORIA_GT4_3 24104	37.83 1.37 0.00	37.25 1.09 -0.01	38.06 1.03 0.00	36.98 1.06 0.00	35.60 0.98 0.00	38.76 1.16 0.00	44.59 1.40 0.00	69.37 2.68 0.00	77.05 3.49 -1.31	72.28 2.87 -1.48	77.09 2.82 -0.25	60.84 2.21 -0.01	49.80 1.77 0.00	50.61 1.86 -0.12	52.94 1.94 -1.07	55.16 2.16 -1.09	59.66 2.27 -1.55	66.13 2.46 -0.01	59.08 2.62 0.00	64.47 3.09 0.00	56.56 2.85 0.00	75.81 3.00 -0.33	82.06 3.32 -0.38	69.28 2.68 0.00

ASTORIA_GT4_4 24105	37.83 1.37 0.00	37.25 1.09 -0.01	38.06 1.03 0.00	36.98 1.06 0.00	35.60 0.98 0.00	38.76 1.16 0.00	44.59 1.40 0.00	69.37 2.68 0.00	77.05 3.49 -1.31	72.28 2.87 -1.48	77.09 2.82 -0.25	60.84 2.21 -0.01	49.80 1.77 0.00	50.61 1.86 -0.12	52.94 1.94 -1.07	55.16 2.16 -1.09	59.66 2.27 -1.55	66.13 2.46 -0.01	59.08 2.62 0.00	64.47 3.09 0.00	56.56 2.85 0.00	75.81 3.00 -0.33	82.06 3.32 -0.38	69.28 2.68 0.00
ASTORIA_GT_1 23523	37.90 1.43 0.00	37.30 1.14 -0.01	38.11 1.08 0.00	37.03 1.11 0.00	35.64 1.02 0.00	38.80 1.20 0.00	44.67 1.48 0.00	69.49 2.81 0.00	76.98 3.43 -1.31	72.25 2.85 -1.48	77.16 2.89 -0.25	60.96 2.33 -0.01	49.89 1.87 0.00	50.68 1.94 -0.12	52.98 1.97 -1.07	55.13 2.13 -1.09	59.59 2.19 -1.55	66.25 2.57 -0.01	59.19 2.72 0.00	64.57 3.19 0.00	56.65 2.94 0.00	75.83 3.02 -0.33	82.10 3.36 -0.38	69.37 2.78 0.00
ASTORIA_GT_10 24110	38.43 1.58 -0.40	37.52 1.36 -0.01	38.34 1.31 0.00	37.24 1.32 0.00	35.84 1.23 0.00	39.03 1.43 0.00	44.92 1.72 0.00	69.71 3.02 0.00	76.04 3.50 -0.29	70.92 2.98 -0.01	77.04 3.01 0.00	61.12 2.49 -0.01	54.77 1.99 -4.76	52.29 2.07 -1.59	53.12 2.10 -1.08	54.98 2.30 -0.76	59.29 2.36 -1.08	70.37 2.68 -4.02	59.44 2.84 -0.14	64.68 3.31 0.00	56.76 3.05 0.00	75.53 3.05 0.00	81.62 3.26 0.00	69.35 2.76 0.00
ASTORIA_GT_11 24225	38.43 1.58 -0.40	37.52 1.36 -0.01	38.34 1.31 0.00	37.24 1.32 0.00	35.84 1.23 0.00	39.03 1.43 0.00	44.92 1.72 0.00	69.71 3.02 0.00	76.04 3.50 -0.29	70.92 2.98 -0.01	77.04 3.01 0.00	61.12 2.49 -0.01	54.77 1.99 -4.76	52.29 2.07 -1.59	53.12 2.10 -1.08	54.98 2.30 -0.76	59.29 2.36 -1.08	70.37 2.68 -4.02	59.44 2.84 -0.14	64.68 3.31 0.00	56.76 3.05 0.00	75.53 3.05 0.00	81.62 3.26 0.00	69.35 2.76 0.00
ASTORIA_GT_12 24226	38.43 1.58 -0.40	37.52 1.36 -0.01	38.34 1.31 0.00	37.24 1.32 0.00	35.84 1.23 0.00	39.03 1.43 0.00	44.92 1.72 0.00	69.71 3.02 0.00	76.04 3.50 -0.29	70.92 2.98 -0.01	77.04 3.01 0.00	61.12 2.49 -0.01	54.77 1.99 -4.76	52.29 2.07 -1.59	53.12 2.10 -1.08	54.98 2.30 -0.76	59.29 2.36 -1.08	70.37 2.68 -4.02	59.44 2.84 -0.14	64.68 3.31 0.00	56.76 3.05 0.00	75.53 3.05 0.00	81.62 3.26 0.00	69.35 2.76 0.00
ASTORIA_GT_13 24227	38.43 1.58 -0.40	37.52 1.36 -0.01	38.34 1.31 0.00	37.24 1.32 0.00	35.84 1.23 0.00	39.03 1.43 0.00	44.92 1.72 0.00	69.71 3.02 0.00	76.04 3.50 -0.29	70.92 2.98 -0.01	77.04 3.01 0.00	61.12 2.49 -0.01	54.77 1.99 -4.76	52.29 2.07 -1.59	53.12 2.10 -1.08	54.98 2.30 -0.76	59.29 2.36 -1.08	70.37 2.68 -4.02	59.44 2.84 -0.14	64.68 3.31 0.00	56.76 3.05 0.00	75.53 3.05 0.00	81.62 3.26 0.00	69.35 2.76 0.00
ASTORIA_GT_5 24106	37.89 1.43 0.00	37.30 1.14 -0.01	38.11 1.08 0.00	37.03 1.11 0.00	35.64 1.02 0.00	38.80 1.20 0.00	44.67 1.47 0.00	69.51 2.82 0.00	77.19 3.63 -1.31	72.41 3.00 -1.48	77.22 2.95 -0.25	60.96 2.33 -0.01	49.89 1.87 0.00	50.69 1.94 -0.12	53.03 2.03 -1.07	55.26 2.25 -1.09	59.77 2.38 -1.55	66.25 2.58 -0.01	59.19 2.72 0.00	64.57 3.19 0.00	56.65 2.94 0.00	75.94 3.13 -0.33	82.19 3.45 -0.38	69.36 2.77 0.00
ASTORIA_GT_7 24107	37.89 1.43 0.00	37.30 1.14 -0.01	38.11 1.08 0.00	37.03 1.11 0.00	35.64 1.02 0.00	38.80 1.20 0.00	44.67 1.47 0.00	69.51 2.82 0.00	77.19 3.63 -1.31	72.41 3.00 -1.48	77.22 2.95 -0.25	60.96 2.33 -0.01	49.89 1.87 0.00	50.69 1.94 -0.12	53.03 2.03 -1.07	55.26 2.25 -1.09	59.77 2.38 -1.55	66.25 2.58 -0.01	59.19 2.72 0.00	64.57 3.19 0.00	56.65 2.94 0.00	75.94 3.13 -0.33	82.19 3.45 -0.38	69.36 2.77 0.00
ASTORIA_GT_8 24108	37.89 1.43 0.00	37.30 1.14 -0.01	38.11 1.08 0.00	37.03 1.11 0.00	35.64 1.02 0.00	38.80 1.20 0.00	44.67 1.47 0.00	69.51 2.82 0.00	77.19 3.63 -1.31	72.41 3.00 -1.48	77.22 2.95 -0.25	60.96 2.33 -0.01	49.89 1.87 0.00	50.69 1.94 -0.12	53.03 2.03 -1.07	55.26 2.25 -1.09	59.77 2.38 -1.55	66.25 2.58 -0.01	59.19 2.72 0.00	64.57 3.19 0.00	56.65 2.94 0.00	75.94 3.13 -0.33	82.19 3.45 -0.38	69.36 2.77 0.00
ASTORIA___2 24149	37.83 1.37 0.00	37.25 1.09 -0.01	38.06 1.03 0.00	36.98 1.06 0.00	35.59 0.98 0.00	38.76 1.15 0.00	44.60 1.40 0.00	69.36 2.67 0.00	76.85 3.30 -1.31	72.12 2.71 -1.48	77.04 2.76 -0.25	60.84 2.22 -0.01	49.80 1.78 0.00	50.60 1.85 -0.12	52.88 1.87 -1.07	55.04 2.03 -1.09	59.49 2.09 -1.55	66.13 2.46 -0.01	59.09 2.63 0.00	64.46 3.09 0.00	56.55 2.84 0.00	75.70 2.89 -0.33	81.96 3.22 -0.38	69.28 2.69 0.00
ASTORIA___3 23516	38.43 1.57 -0.40	37.52 1.36 -0.01	38.34 1.31 0.00	37.24 1.32 0.00	35.84 1.23 0.00	39.03 1.43 0.00	44.92 1.72 0.00	69.71 3.02 0.00	76.02 3.48 -0.29	70.90 2.97 -0.01	77.03 3.00 0.00	61.11 2.49 -0.01	54.77 1.99 -4.76	52.29 2.08 -1.59	53.13 2.11 -1.08	54.96 2.28 -0.76	59.26 2.33 -1.08	70.36 2.67 -4.02	59.44 2.84 -0.14	64.68 3.31 0.00	56.75 3.04 0.00	75.51 3.03 0.00	81.60 3.24 0.00	69.35 2.76 0.00
ASTORIA___4 23517	38.43 1.58 -0.40	37.52 1.36 -0.01	38.34 1.31 0.00	37.24 1.32 0.00	35.84 1.23 0.00	39.03 1.43 0.00	44.92 1.72 0.00	69.71 3.02 0.00	76.04 3.50 -0.29	70.92 2.98 -0.01	77.04 3.01 0.00	61.12 2.49 -0.01	54.77 1.99 -4.76	52.29 2.07 -1.59	53.12 2.10 -1.08	54.98 2.30 -0.76	59.29 2.36 -1.08	70.37 2.68 -4.02	59.44 2.84 -0.14	64.68 3.31 0.00	56.76 3.05 0.00	75.53 3.05 0.00	81.62 3.26 0.00	69.35 2.76 0.00
ASTORIA___5 23518	38.43 1.57 -0.40	37.52 1.36 -0.01	38.34 1.31 0.00	37.24 1.32 0.00	35.84 1.23 0.00	39.03 1.43 0.00	44.92 1.72 0.00	69.71 3.02 0.00	76.01 3.48 -0.29	70.90 2.97 -0.01	77.03 3.00 0.00	61.11 2.49 -0.01	54.77 1.99 -4.76	52.29 2.08 -1.59	53.12 2.11 -1.08	54.96 2.28 -0.76	59.26 2.33 -1.08	70.36 2.67 -4.02	59.44 2.84 -0.14	64.68 3.31 0.00	56.75 3.04 0.00	75.51 3.03 0.00	81.59 3.23 0.00	69.35 2.76 0.00
AST_ENERGY_2_CC3 323677	37.83 1.37 0.00	37.31 1.16 0.00	38.13 1.10 0.00	37.06 1.15 0.00	35.69 1.07 0.00	38.84 1.23 0.00	44.67 1.47 0.00	69.29 2.60 0.00	75.28 3.03 0.00	70.44 2.51 0.00	76.55 2.53 0.00	60.67 2.06 0.00	49.66 1.64 0.00	50.34 1.71 0.00	51.68 1.74 0.00	53.85 1.93 0.00	57.79 1.94 0.00	65.91 2.24 0.00	58.91 2.45 0.00	64.35 2.97 0.00	56.54 2.83 0.00	75.27 2.79 0.00	81.35 2.99 0.00	69.16 2.57 0.00
AST_ENERGY_2_CC4 323678	37.83 1.37 0.00	37.31 1.16 0.00	38.13 1.10 0.00	37.06 1.15 0.00	35.69 1.07 0.00	38.84 1.23 0.00	44.67 1.47 0.00	69.29 2.60 0.00	75.28 3.03 0.00	70.44 2.51 0.00	76.55 2.53 0.00	60.67 2.06 0.00	49.66 1.64 0.00	50.34 1.71 0.00	51.68 1.74 0.00	53.85 1.93 0.00	57.79 1.94 0.00	65.91 2.24 0.00	58.91 2.45 0.00	64.35 2.97 0.00	56.54 2.83 0.00	75.27 2.79 0.00	81.35 2.99 0.00	69.16 2.57 0.00

ATHENS_STG_1 23668	36.89 0.43 0.00	36.49 0.34 0.00	37.38 0.35 0.00	36.28 0.36 0.00	34.93 0.32 0.00	37.99 0.38 0.00	43.64 0.45 0.00	67.49 0.80 0.00	73.12 0.88 0.00	68.41 0.48 0.00	74.41 0.39 0.00	58.92 0.31 0.00	48.29 0.27 0.00	48.97 0.34 0.00	50.29 0.35 0.00	52.32 0.40 0.00	56.27 0.42 0.00	64.22 0.56 0.00	57.24 0.78 0.00	62.32 0.94 0.00	54.58 0.87 0.00	73.07 0.59 0.00	78.99 0.63 0.00	67.21 0.62 0.00
ATHENS_STG_2 23670	36.89 0.43 0.00	36.49 0.34 0.00	37.38 0.35 0.00	36.28 0.36 0.00	34.93 0.32 0.00	37.99 0.38 0.00	43.64 0.45 0.00	67.49 0.80 0.00	73.12 0.88 0.00	68.41 0.48 0.00	74.41 0.39 0.00	58.92 0.31 0.00	48.29 0.27 0.00	48.97 0.34 0.00	50.29 0.35 0.00	52.32 0.40 0.00	56.27 0.42 0.00	64.22 0.56 0.00	57.24 0.78 0.00	62.32 0.94 0.00	54.58 0.87 0.00	73.07 0.59 0.00	78.99 0.63 0.00	67.21 0.62 0.00
ATHENS_STG_3 23677	36.89 0.43 0.00	36.49 0.34 0.00	37.38 0.35 0.00	36.28 0.36 0.00	34.93 0.32 0.00	37.99 0.38 0.00	43.64 0.45 0.00	67.49 0.80 0.00	73.12 0.88 0.00	68.41 0.48 0.00	74.41 0.39 0.00	58.92 0.31 0.00	48.29 0.27 0.00	48.97 0.34 0.00	50.29 0.35 0.00	52.32 0.40 0.00	56.27 0.42 0.00	64.22 0.56 0.00	57.24 0.78 0.00	62.32 0.94 0.00	54.58 0.87 0.00	73.07 0.59 0.00	78.99 0.63 0.00	67.21 0.62 0.00
AUBURN___LFGE 323710	36.76 0.29 0.00	36.50 0.35 0.00	37.35 0.32 0.00	36.23 0.31 0.00	35.15 0.54 0.00	38.04 0.44 0.00	43.89 0.69 0.00	67.99 1.30 0.00	73.50 1.25 0.00	69.23 1.31 0.00	75.50 1.48 0.00	59.80 1.18 0.00	48.97 0.94 0.00	49.51 0.88 0.00	50.66 0.72 0.00	52.63 0.72 0.00	56.55 0.70 0.00	64.32 0.65 0.00	57.21 0.75 0.00	62.31 0.93 0.00	54.54 0.83 0.00	73.44 0.96 0.00	79.21 0.85 0.00	67.46 0.87 0.00
BABYLON_RES_REC 323704	38.22 1.76 0.00	37.44 1.28 0.00	38.09 1.06 0.00	36.90 0.98 0.00	34.94 0.33 0.00	36.03 0.13 1.71	37.12 0.14 6.21	67.19 0.50 0.00	48.00 0.67 24.91	26.46 0.51 41.97	53.48 0.31 20.85	50.27 0.66 9.01	22.56 0.31 25.77	18.38 0.26 30.51	24.82 0.23 25.35	22.76 0.39 29.54	26.42 0.41 29.83	64.73 1.06 0.00	57.99 1.52 0.00	36.34 1.40 26.44	54.59 1.36 0.48	60.41 0.68 12.75	61.08 0.55 17.83	56.40 1.02 11.21
BABYLON__69_KV_BK2 356345	38.58 2.12 0.00	37.78 1.62 0.00	38.42 1.39 0.00	37.22 1.30 0.00	35.39 0.78 0.00	36.52 0.67 1.75	37.67 0.86 6.39	68.52 1.84 0.00	48.46 1.84 25.62	26.49 1.74 43.17	54.13 1.56 21.44	50.97 1.62 9.26	22.66 1.14 26.51	18.29 1.04 31.38	24.94 1.08 26.07	22.81 1.28 30.39	26.47 1.32 30.69	65.92 2.25 0.00	59.08 2.62 0.00	36.94 2.75 27.19	55.74 2.52 0.50	61.32 1.95 13.12	61.68 1.65 18.33	56.58 1.52 11.53
BALL_HILL_WT_PWR 323825	37.01 0.54 0.00	37.02 0.87 0.00	37.75 0.72 0.00	36.38 0.46 0.00	35.35 0.74 0.00	38.00 0.39 0.00	43.44 0.24 0.00	67.49 0.80 0.00	72.97 0.72 0.00	69.57 1.64 0.00	76.37 2.35 0.00	60.46 1.85 0.00	49.31 1.29 0.00	49.54 0.91 0.00	50.81 0.86 0.00	52.59 0.67 0.00	56.31 0.46 0.00	63.60 -0.07 0.00	56.68 0.22 0.00	61.73 0.35 0.00	54.10 0.39 0.00	72.81 0.33 0.00	78.99 0.63 0.00	66.96 0.37 0.00
BARON_WINDS___WT_PWR 323822	35.83 -0.64 0.00	35.98 -0.18 0.00	36.85 -0.18 0.00	35.80 -0.12 0.00	34.63 0.02 0.00	37.37 -0.23 0.00	43.05 -0.14 0.00	67.03 0.34 0.00	72.58 0.33 0.00	68.60 0.68 0.00	75.11 1.08 0.00	59.73 1.11 0.00	48.85 0.82 0.00	49.31 0.68 0.00	50.86 0.92 0.00	52.83 0.91 0.00	56.55 0.71 0.00	63.90 0.23 0.00	56.97 0.51 0.00	62.17 0.79 0.00	54.38 0.67 0.00	72.88 0.40 0.00	78.73 0.37 0.00	66.89 0.30 0.00
BARRETT_IC_1 23704	76.16 1.52 -38.18	37.32 1.08 -0.09	37.98 0.88 -0.07	36.79 0.87 0.00	35.18 0.56 0.00	38.22 0.48 -0.14	44.23 0.53 -0.50	67.89 1.20 0.00	79.79 1.13 -6.41	78.53 0.87 -9.73	77.54 0.78 -2.73	71.85 1.24 -11.99	70.80 0.85 -21.93	90.33 0.72 -40.98	57.15 0.57 -6.64	59.68 0.71 -7.05	82.99 0.76 -26.39	65.13 1.40 -0.06	58.29 1.76 -0.06	114.40 1.97 -51.05	56.61 1.89 -1.01	88.18 1.08 -14.62	82.73 0.85 -3.52	68.39 0.90 -0.89
BARRETT_IC_10 23701	76.16 1.52 -38.18	37.32 1.08 -0.09	37.98 0.88 -0.07	36.79 0.87 0.00	35.18 0.56 0.00	38.22 0.48 -0.14	44.23 0.53 -0.50	67.89 1.20 0.00	39.25 1.13 34.13	20.03 0.87 48.77	67.76 0.78 7.05	65.92 1.24 -6.06	56.25 0.85 -7.39	58.16 0.72 -8.81	14.90 0.57 35.61	16.66 0.71 35.96	19.76 0.76 36.83	65.08 1.40 -0.01	58.24 1.76 -0.01	78.58 1.97 -15.23	55.90 1.89 -0.30	66.23 1.08 7.33	67.38 0.85 11.83	68.39 0.90 -0.89
BARRETT_IC_11 23702	76.16 1.52 -38.18	37.32 1.08 -0.09	37.98 0.88 -0.07	36.79 0.87 0.00	35.18 0.56 0.00	38.22 0.48 -0.14	44.23 0.53 -0.50	67.89 1.20 0.00	39.25 1.13 34.13	20.03 0.87 48.77	67.76 0.78 7.05	65.92 1.24 -6.06	56.25 0.85 -7.39	58.16 0.72 -8.81	14.90 0.57 35.61	16.66 0.71 35.96	19.76 0.76 36.83	65.08 1.40 -0.01	58.24 1.76 -0.01	78.58 1.97 -15.23	55.90 1.89 -0.30	66.23 1.08 7.33	67.38 0.85 11.83	68.39 0.90 -0.89
BARRETT_IC_12 23703	76.16 1.52 -38.18	37.32 1.08 -0.09	37.98 0.88 -0.07	36.79 0.87 0.00	35.18 0.56 0.00	38.22 0.48 -0.14	44.23 0.53 -0.50	67.89 1.20 0.00	39.25 1.13 34.13	20.03 0.87 48.77	67.76 0.78 7.05	65.92 1.24 -6.06	56.25 0.85 -7.39	58.16 0.72 -8.81	14.90 0.57 35.61	16.66 0.71 35.96	19.76 0.76 36.83	65.08 1.40 -0.01	58.24 1.76 -0.01	78.58 1.97 -15.23	55.90 1.89 -0.30	66.23 1.08 7.33	67.38 0.85 11.83	68.39 0.90 -0.89
BARRETT_IC_2 23705	76.16 1.52 -38.18	37.32 1.08 -0.09	37.98 0.88 -0.07	36.79 0.87 0.00	35.18 0.56 0.00	38.22 0.48 -0.14	44.23 0.53 -0.50	67.89 1.20 0.00	79.79 1.13 -6.41	78.53 0.87 -9.73	77.54 0.78 -2.73	71.85 1.24 -11.99	70.80 0.85 -21.93	90.33 0.72 -40.98	57.15 0.57 -6.64	59.68 0.71 -7.05	82.99 0.76 -26.39	65.13 1.40 -0.06	58.29 1.76 -0.06	114.40 1.97 -51.05	56.61 1.89 -1.01	88.18 1.08 -14.62	82.73 0.85 -3.52	68.39 0.90 -0.89
BARRETT_IC_3 23706	76.16 1.52 -38.18	37.32 1.08 -0.09	37.98 0.88 -0.07	36.79 0.87 0.00	35.18 0.56 0.00	38.22 0.48 -0.14	44.23 0.53 -0.50	67.89 1.20 0.00	79.79 1.13 -6.41	78.53 0.87 -9.73	77.54 0.78 -2.73	71.85 1.24 -11.99	70.80 0.85 -21.93	90.33 0.72 -40.98	57.15 0.57 -6.64	59.68 0.71 -7.05	82.99 0.76 -26.39	65.13 1.40 -0.06	58.29 1.76 -0.06	114.40 1.97 -51.05	56.61 1.89 -1.01	88.18 1.08 -14.62	82.73 0.85 -3.52	68.39 0.90 -0.89
BARRETT_IC_4 23707	76.16 1.52 -38.18	37.32 1.08 -0.09	37.98 0.88 -0.07	36.79 0.87 0.00	35.18 0.56 0.00	38.22 0.48 -0.14	44.23 0.53 -0.50	67.89 1.20 0.00	79.79 1.13 -6.41	78.53 0.87 -9.73	77.54 0.78 -2.73	71.85 1.24 -11.99	70.80 0.85 -21.93	90.33 0.72 -40.98	57.15 0.57 -6.64	59.68 0.71 -7.05	82.99 0.76 -26.39	65.13 1.40 -0.06	58.29 1.76 -0.06	114.40 1.97 -51.05	56.61 1.89 -1.01	88.18 1.08 -14.62	82.73 0.85 -3.52	68.39 0.90 -0.89

BARRETT_IC_5 23708	76.16 1.52 -38.18	37.32 1.08 -0.09	37.98 0.88 -0.07	36.79 0.87 0.00	35.18 0.56 0.00	38.22 0.48 -0.14	44.23 0.53 -0.50	67.89 1.20 0.00	79.79 1.13 -6.41	78.53 0.87 -9.73	77.54 0.78 -2.73	71.85 1.24 -11.99	70.80 0.85 -21.93	90.33 0.72 -40.98	57.15 0.57 -6.64	59.68 0.71 -7.05	82.99 0.76 -26.39	65.13 1.40 -0.06	58.29 1.76 -0.06	114.40 1.97 -51.05	56.61 1.89 -1.01	88.18 1.08 -14.62	82.73 0.85 -3.52	68.39 0.90 -0.89
BARRETT_IC_6 23709	76.16 1.52 -38.18	37.32 1.08 -0.09	37.98 0.88 -0.07	36.79 0.87 0.00	35.18 0.56 0.00	38.22 0.48 -0.14	44.23 0.53 -0.50	67.89 1.20 0.00	79.79 1.13 -6.41	78.53 0.87 -9.73	77.54 0.78 -2.73	71.85 1.24 -11.99	70.80 0.85 -21.93	90.33 0.72 -40.98	57.15 0.57 -6.64	59.68 0.71 -7.05	82.99 0.76 -26.39	65.13 1.40 -0.06	58.29 1.76 -0.06	114.40 1.97 -51.05	56.61 1.89 -1.01	88.18 1.08 -14.62	82.73 0.85 -3.52	68.39 0.90 -0.89
BARRETT_IC_7 23710	76.16 1.52 -38.18	37.33 1.09 -0.09	37.98 0.88 -0.07	36.79 0.87 0.00	35.18 0.56 0.00	38.22 0.48 -0.14	44.22 0.53 -0.50	67.89 1.20 0.00	79.81 1.16 -6.41	78.60 0.94 -9.73	77.57 0.82 -2.73	71.85 1.24 -11.99	70.83 0.87 -21.93	90.33 0.73 -40.98	57.17 0.60 -6.64	59.72 0.75 -7.05	83.02 0.79 -26.39	65.13 1.40 -0.06	58.28 1.76 -0.06	114.40 1.97 -51.05	56.61 1.88 -1.01	88.18 1.09 -14.62	82.73 0.85 -3.52	68.39 0.90 -0.89
BARRETT_IC_8 23711	76.16 1.52 -38.18	37.32 1.08 -0.09	37.98 0.88 -0.07	36.79 0.87 0.00	35.18 0.56 0.00	38.22 0.48 -0.14	44.23 0.53 -0.50	67.89 1.20 0.00	79.79 1.13 -6.41	78.53 0.87 -9.73	77.54 0.78 -2.73	71.85 1.24 -11.99	70.80 0.85 -21.93	90.33 0.72 -40.98	57.15 0.57 -6.64	59.68 0.71 -7.05	82.99 0.76 -26.39	65.13 1.40 -0.06	58.29 1.76 -0.06	114.40 1.97 -51.05	56.61 1.89 -1.01	88.18 1.08 -14.62	82.73 0.85 -3.52	68.39 0.90 -0.89
BARRETT_IC_9 23700	76.16 1.52 -38.18	37.32 1.08 -0.09	37.98 0.88 -0.07	36.79 0.87 0.00	35.18 0.56 0.00	38.22 0.48 -0.14	44.23 0.53 -0.50	67.89 1.20 0.00	39.25 1.13 34.13	20.03 0.87 48.77	67.76 0.78 7.05	65.92 1.24 -6.06	56.25 0.85 -7.39	58.16 0.72 -8.81	14.90 0.57 35.61	16.66 0.71 35.96	19.76 0.76 36.83	65.08 1.40 -0.01	58.24 1.76 -0.01	78.58 1.97 -15.23	55.90 1.89 -0.30	66.23 1.08 7.33	67.38 0.85 11.83	68.39 0.90 -0.89
BARRETT___1 23545	76.16 1.52 -38.18	37.32 1.08 -0.09	37.98 0.88 -0.07	36.79 0.87 0.00	35.18 0.56 0.00	38.22 0.48 -0.14	44.23 0.53 -0.50	67.89 1.20 0.00	79.79 1.13 -6.41	78.53 0.87 -9.73	77.54 0.78 -2.73	71.85 1.24 -11.99	70.80 0.85 -21.93	90.33 0.72 -40.98	57.15 0.57 -6.64	59.68 0.71 -7.05	82.99 0.76 -26.39	65.13 1.40 -0.06	58.29 1.76 -0.06	114.40 1.97 -51.05	56.61 1.89 -1.01	88.18 1.08 -14.62	82.73 0.85 -3.52	68.39 0.90 -0.89
BARRETT___2 23546	76.16 1.52 -38.18	37.32 1.08 -0.09	37.98 0.88 -0.07	36.79 0.87 0.00	35.18 0.56 0.00	38.22 0.48 -0.14	44.23 0.53 -0.50	67.89 1.20 0.00	39.25 1.13 34.13	20.03 0.87 48.77	67.76 0.78 7.05	65.92 1.24 -6.06	56.25 0.85 -7.39	58.16 0.72 -8.81	14.90 0.57 35.61	16.66 0.71 35.96	19.76 0.76 36.83	65.08 1.40 -0.01	58.24 1.76 -0.01	78.58 1.97 -15.23	55.90 1.89 -0.30	66.23 1.08 7.33	67.38 0.85 11.83	68.39 0.90 -0.89
BATAVIA__115KV_TB1 55881	36.87 0.40 0.00	36.76 0.61 0.00	37.50 0.47 0.00	36.13 0.21 0.00	35.07 0.46 0.00	37.82 0.21 0.00	43.37 0.18 0.00	67.35 0.66 0.00	72.96 0.72 0.00	69.50 1.57 0.00	76.32 2.29 0.00	60.30 1.68 0.00	49.13 1.11 0.00	49.35 0.72 0.00	50.62 0.68 0.00	52.62 0.70 0.00	56.26 0.42 0.00	63.60 -0.06 0.00	56.59 0.12 0.00	61.66 0.28 0.00	54.12 0.40 0.00	72.91 0.43 0.00	79.10 0.74 0.00	66.96 0.37 0.00
BAYONEEC___CTG1 323682	37.85 1.39 0.00	37.32 1.17 0.00	38.16 1.14 0.00	37.09 1.18 0.00	35.70 1.09 0.00	38.87 1.26 0.00	44.71 1.52 0.00	69.33 2.64 0.00	75.29 3.05 0.00	70.44 2.52 0.00	76.56 2.54 0.00	60.74 2.12 0.00	49.71 1.68 0.00	50.39 1.76 0.00	51.73 1.79 0.00	53.90 1.98 0.00	57.84 2.00 0.00	65.95 2.28 0.00	58.96 2.50 0.00	64.37 2.99 0.00	56.46 2.75 0.00	75.15 2.67 0.00	81.22 2.86 0.00	69.06 2.47 0.00
BAYONEEC___CTG10 323750	37.85 1.39 0.00	37.32 1.17 0.00	38.16 1.14 0.00	37.09 1.18 0.00	35.70 1.09 0.00	38.87 1.26 0.00	44.71 1.52 0.00	69.33 2.64 0.00	75.29 3.05 0.00	70.44 2.52 0.00	76.56 2.54 0.00	60.74 2.12 0.00	49.71 1.68 0.00	50.39 1.76 0.00	51.73 1.79 0.00	53.90 1.98 0.00	57.84 2.00 0.00	65.95 2.28 0.00	58.96 2.50 0.00	64.37 2.99 0.00	56.46 2.75 0.00	75.15 2.67 0.00	81.22 2.86 0.00	69.06 2.47 0.00
BAYONEEC___CTG2 323683	37.85 1.39 0.00	37.32 1.17 0.00	38.16 1.14 0.00	37.09 1.18 0.00	35.70 1.09 0.00	38.87 1.26 0.00	44.71 1.52 0.00	69.33 2.64 0.00	75.29 3.05 0.00	70.44 2.52 0.00	76.56 2.54 0.00	60.74 2.12 0.00	49.71 1.68 0.00	50.39 1.76 0.00	51.73 1.79 0.00	53.90 1.98 0.00	57.84 2.00 0.00	65.95 2.28 0.00	58.96 2.50 0.00	64.37 2.99 0.00	56.46 2.75 0.00	75.15 2.67 0.00	81.22 2.86 0.00	69.06 2.47 0.00
BAYONEEC___CTG3 323684	37.85 1.39 0.00	37.32 1.17 0.00	38.16 1.14 0.00	37.09 1.18 0.00	35.70 1.09 0.00	38.87 1.26 0.00	44.71 1.52 0.00	69.33 2.64 0.00	75.29 3.05 0.00	70.44 2.52 0.00	76.56 2.54 0.00	60.74 2.12 0.00	49.71 1.68 0.00	50.39 1.76 0.00	51.73 1.79 0.00	53.90 1.98 0.00	57.84 2.00 0.00	65.95 2.28 0.00	58.96 2.50 0.00	64.37 2.99 0.00	56.46 2.75 0.00	75.15 2.67 0.00	81.22 2.86 0.00	69.06 2.47 0.00
BAYONEEC___CTG4 323685	37.85 1.39 0.00	37.32 1.17 0.00	38.16 1.14 0.00	37.09 1.18 0.00	35.70 1.09 0.00	38.87 1.26 0.00	44.71 1.52 0.00	69.33 2.64 0.00	75.29 3.05 0.00	70.44 2.52 0.00	76.56 2.54 0.00	60.74 2.12 0.00	49.71 1.68 0.00	50.39 1.76 0.00	51.73 1.79 0.00	53.90 1.98 0.00	57.84 2.00 0.00	65.95 2.28 0.00	58.96 2.50 0.00	64.37 2.99 0.00	56.46 2.75 0.00	75.15 2.67 0.00	81.22 2.86 0.00	69.06 2.47 0.00
BAYONEEC___CTG5 323686	37.85 1.39 0.00	37.32 1.17 0.00	38.16 1.14 0.00	37.09 1.18 0.00	35.70 1.09 0.00	38.87 1.26 0.00	44.71 1.52 0.00	69.33 2.64 0.00	75.29 3.05 0.00	70.44 2.52 0.00	76.56 2.54 0.00	60.74 2.12 0.00	49.71 1.68 0.00	50.39 1.76 0.00	51.73 1.79 0.00	53.90 1.98 0.00	57.84 2.00 0.00	65.95 2.28 0.00	58.96 2.50 0.00	64.37 2.99 0.00	56.46 2.75 0.00	75.15 2.67 0.00	81.22 2.86 0.00	69.06 2.47 0.00
BAYONEEC___CTG6 323687	37.85 1.39 0.00	37.32 1.17 0.00	38.16 1.14 0.00	37.09 1.18 0.00	35.70 1.09 0.00	38.87 1.26 0.00	44.71 1.52 0.00	69.33 2.64 0.00	75.29 3.05 0.00	70.44 2.52 0.00	76.56 2.54 0.00	60.74 2.12 0.00	49.71 1.68 0.00	50.39 1.76 0.00	51.73 1.79 0.00	53.90 1.98 0.00	57.84 2.00 0.00	65.95 2.28 0.00	58.96 2.50 0.00	64.37 2.99 0.00	56.46 2.75 0.00	75.15 2.67 0.00	81.22 2.86 0.00	69.06 2.47 0.00

BAYONEEC___CTG7 323688	37.85 1.39 0.00	37.32 1.17 0.00	38.16 1.14 0.00	37.09 1.18 0.00	35.70 1.09 0.00	38.87 1.26 0.00	44.71 1.52 0.00	69.33 2.64 0.00	75.29 3.05 0.00	70.44 2.52 0.00	76.56 2.54 0.00	60.74 2.12 0.00	49.71 1.68 0.00	50.39 1.76 0.00	51.73 1.79 0.00	53.90 1.98 0.00	57.84 2.00 0.00	65.95 2.28 0.00	58.96 2.50 0.00	64.37 2.99 0.00	56.46 2.75 0.00	75.15 2.67 0.00	81.22 2.86 0.00	69.06 2.47 0.00
BAYONEEC___CTG8 323689	37.85 1.39 0.00	37.32 1.17 0.00	38.16 1.14 0.00	37.09 1.18 0.00	35.70 1.09 0.00	38.87 1.26 0.00	44.71 1.52 0.00	69.33 2.64 0.00	75.29 3.05 0.00	70.44 2.52 0.00	76.56 2.54 0.00	60.74 2.12 0.00	49.71 1.68 0.00	50.39 1.76 0.00	51.73 1.79 0.00	53.90 1.98 0.00	57.84 2.00 0.00	65.95 2.28 0.00	58.96 2.50 0.00	64.37 2.99 0.00	56.46 2.75 0.00	75.15 2.67 0.00	81.22 2.86 0.00	69.06 2.47 0.00
BAYONEEC___CTG9 323749	37.85 1.39 0.00	37.32 1.17 0.00	38.16 1.14 0.00	37.09 1.18 0.00	35.70 1.09 0.00	38.87 1.26 0.00	44.71 1.52 0.00	69.33 2.64 0.00	75.29 3.05 0.00	70.44 2.52 0.00	76.56 2.54 0.00	60.74 2.12 0.00	49.71 1.68 0.00	50.39 1.76 0.00	51.73 1.79 0.00	53.90 1.98 0.00	57.84 2.00 0.00	65.95 2.28 0.00	58.96 2.50 0.00	64.37 2.99 0.00	56.46 2.75 0.00	75.15 2.67 0.00	81.22 2.86 0.00	69.06 2.47 0.00
BEACON___LESR 323632	37.12 0.65 0.00	36.85 0.70 0.00	37.73 0.70 0.00	36.55 0.63 0.00	35.16 0.54 0.00	38.38 0.77 0.00	44.17 0.98 0.00	68.34 1.65 0.00	73.96 1.72 0.00	68.98 1.05 0.00	74.83 0.80 0.00	58.99 0.37 0.00	48.37 0.35 0.00	49.05 0.42 0.00	50.60 0.66 0.00	52.53 0.61 0.00	56.74 0.90 0.00	64.96 1.29 0.00	57.82 1.36 0.00	62.82 1.44 0.00	54.95 1.24 0.00	73.63 1.16 0.00	79.30 0.94 0.00	67.36 0.77 0.00
BEAVER RIVER___HYD 24048	36.15 -0.31 0.00	35.90 -0.25 0.00	37.03 0.00 0.00	36.03 0.11 0.00	34.81 0.20 0.00	37.99 0.38 0.00	43.80 0.60 0.00	67.94 1.25 0.00	73.56 1.32 0.00	69.14 1.22 0.00	75.57 1.55 0.00	59.51 0.89 0.00	48.77 0.75 0.00	49.49 0.86 0.00	50.87 0.93 0.00	53.00 1.08 0.00	57.08 1.24 0.00	65.36 1.69 0.00	57.84 1.38 0.00	62.96 1.59 0.00	54.98 1.27 0.00	74.47 1.99 0.00	80.24 1.88 0.00	67.91 1.32 0.00
BEEBEE_GT_13 23619	36.56 0.09 0.00	36.38 0.23 0.00	37.16 0.13 0.00	35.88 -0.04 0.00	34.75 0.14 0.00	37.57 -0.04 0.00	43.16 -0.04 0.00	66.91 0.22 0.00	72.46 0.21 0.00	68.66 0.73 0.00	75.18 1.16 0.00	59.50 0.88 0.00	48.60 0.57 0.00	48.97 0.34 0.00	50.29 0.35 0.00	52.18 0.27 0.00	55.96 0.11 0.00	63.40 -0.27 0.00	56.35 -0.11 0.00	61.36 -0.02 0.00	53.81 0.10 0.00	72.42 -0.06 0.00	78.43 0.07 0.00	66.50 -0.09 0.00
BENSHRST_27_KV_BENSHRST_1 355998	53.03 1.98 -14.59	52.21 1.77 -14.29	51.83 1.71 -13.10	51.24 1.68 -13.64	51.73 1.59 -15.52	52.27 1.81 -12.86	52.69 2.18 -7.31	85.33 3.70 -14.94	89.95 4.22 -13.49	91.18 3.72 -19.54	91.44 3.86 -13.56	89.94 3.17 -28.16	89.87 2.52 -39.33	89.87 2.62 -38.61	89.87 2.67 -37.26	89.90 2.87 -35.12	84.29 2.90 -25.54	84.64 3.32 -17.65	82.15 3.44 -22.25	89.97 4.01 -24.58	89.91 3.68 -32.51	90.61 3.79 -14.35	92.65 4.04 -10.25	82.58 3.46 -12.53
BETHLEHEM___GRP 23843	36.48 0.02 0.00	36.18 0.03 0.00	37.07 0.05 0.00	35.99 0.07 0.00	34.59 -0.02 0.00	37.63 0.03 0.00	43.21 0.01 0.00	66.84 0.15 0.00	72.39 0.14 0.00	67.61 -0.32 0.00	73.44 -0.58 0.00	58.01 -0.61 0.00	47.54 -0.48 0.00	48.20 -0.43 0.00	49.59 -0.35 0.00	51.51 -0.40 0.00	55.58 -0.26 0.00	63.63 -0.04 0.00	56.65 0.18 0.00	61.53 0.15 0.00	53.85 0.13 0.00	72.17 -0.31 0.00	77.91 -0.45 0.00	66.22 -0.37 0.00
BETHLEHEM___GS1 323560	36.48 0.02 0.00	36.18 0.03 0.00	37.08 0.05 0.00	35.99 0.07 0.00	34.59 -0.02 0.00	37.64 0.03 0.00	43.21 0.01 0.00	66.84 0.15 0.00	72.39 0.14 0.00	67.60 -0.32 0.00	73.44 -0.59 0.00	58.01 -0.61 0.00	47.54 -0.48 0.00	48.20 -0.43 0.00	49.59 -0.35 0.00	51.51 -0.41 0.00	55.58 -0.26 0.00	63.63 -0.03 0.00	56.65 0.19 0.00	61.53 0.15 0.00	53.84 0.13 0.00	72.18 -0.30 0.00	77.91 -0.45 0.00	66.22 -0.37 0.00
BETHLEHEM___GS2 323561	36.48 0.02 0.00	36.18 0.03 0.00	37.08 0.05 0.00	35.99 0.07 0.00	34.59 -0.02 0.00	37.64 0.03 0.00	43.21 0.01 0.00	66.84 0.15 0.00	72.39 0.14 0.00	67.60 -0.32 0.00	73.44 -0.59 0.00	58.01 -0.61 0.00	47.54 -0.48 0.00	48.20 -0.43 0.00	49.59 -0.35 0.00	51.51 -0.41 0.00	55.58 -0.26 0.00	63.63 -0.03 0.00	56.65 0.19 0.00	61.53 0.15 0.00	53.84 0.13 0.00	72.18 -0.30 0.00	77.91 -0.45 0.00	66.22 -0.37 0.00
BETHLEHEM___GS3 323562	36.48 0.02 0.00	36.18 0.03 0.00	37.08 0.05 0.00	35.99 0.07 0.00	34.59 -0.02 0.00	37.64 0.03 0.00	43.21 0.01 0.00	66.84 0.15 0.00	72.39 0.14 0.00	67.60 -0.32 0.00	73.44 -0.59 0.00	58.01 -0.61 0.00	47.54 -0.48 0.00	48.20 -0.43 0.00	49.59 -0.35 0.00	51.51 -0.41 0.00	55.58 -0.26 0.00	63.63 -0.03 0.00	56.65 0.19 0.00	61.53 0.15 0.00	53.84 0.13 0.00	72.18 -0.30 0.00	77.91 -0.45 0.00	66.22 -0.37 0.00
BETHLEHEM___STEEL 23779	36.77 0.31 0.00	36.77 0.62 0.00	37.48 0.45 0.00	36.09 0.17 0.00	35.07 0.46 0.00	37.67 0.06 0.00	43.06 -0.14 0.00	66.79 0.10 0.00	72.30 0.05 0.00	69.01 1.08 0.00	75.96 1.93 0.00	60.14 1.52 0.00	49.03 1.01 0.00	49.28 0.65 0.00	50.47 0.53 0.00	52.19 0.27 0.00	55.89 0.05 0.00	63.15 -0.51 0.00	56.25 -0.21 0.00	61.18 -0.20 0.00	53.71 0.00 0.00	72.44 -0.04 0.00	78.65 0.29 0.00	66.67 0.08 0.00
BETHLHEM_115KV_TB1 79974	36.56 0.10 0.00	36.25 0.10 0.00	37.15 0.12 0.00	36.07 0.15 0.00	34.67 0.06 0.00	37.73 0.12 0.00	43.31 0.11 0.00	67.00 0.31 0.00	72.56 0.32 0.00	67.80 -0.13 0.00	73.66 -0.36 0.00	58.19 -0.43 0.00	47.69 -0.34 0.00	48.34 -0.29 0.00	49.72 -0.22 0.00	51.67 -0.25 0.00	55.75 -0.10 0.00	63.78 0.11 0.00	56.77 0.31 0.00	61.69 0.32 0.00	53.99 0.28 0.00	72.37 -0.11 0.00	78.15 -0.21 0.00	66.43 -0.17 0.00
BETHPAGE_CC_5 323564	39.37 1.68 -1.23	37.38 1.22 0.00	38.03 1.00 0.00	36.87 0.95 0.00	35.19 0.58 0.00	36.55 0.50 1.56	38.10 0.57 5.67	68.02 1.33 0.00	50.98 1.37 22.63	30.91 1.14 38.16	56.05 1.03 19.00	51.95 1.26 7.92	25.79 0.81 23.04	22.52 0.80 26.91	27.66 0.74 23.03	25.98 0.92 26.85	30.15 0.96 26.65	65.27 1.60 0.00	58.44 1.97 0.00	40.59 2.16 22.94	55.30 2.00 0.41	62.49 1.32 11.31	63.30 1.16 16.22	57.47 1.11 10.23
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.88 0.42 0.00	36.88 0.72 0.00	37.61 0.58 0.00	36.21 0.30 0.00	35.19 0.58 0.00	37.81 0.20 0.00	43.22 0.02 0.00	67.06 0.38 0.00	72.60 0.36 0.00	69.29 1.37 0.00	76.25 2.23 0.00	60.37 1.75 0.00	49.22 1.20 0.00	49.49 0.86 0.00	50.70 0.75 0.00	52.42 0.50 0.00	56.15 0.30 0.00	63.43 -0.24 0.00	56.48 0.02 0.00	61.45 0.08 0.00	53.93 0.22 0.00	72.72 0.24 0.00	78.91 0.55 0.00	66.89 0.30 0.00

BINGHAMTON___COGEN 23790	36.84 0.38 0.00	36.62 0.47 0.00	37.49 0.46 0.00	36.36 0.45 0.00	35.16 0.55 0.00	38.08 0.47 0.00	43.72 0.53 0.00	67.75 1.07 0.00	73.23 0.98 0.00	68.89 0.97 0.00	75.13 1.11 0.00	59.51 0.89 0.00	48.78 0.76 0.00	49.27 0.64 0.00	50.69 0.75 0.00	52.68 0.76 0.00	56.54 0.70 0.00	64.21 0.54 0.00	57.19 0.73 0.00	62.36 0.98 0.00	54.55 0.84 0.00	73.18 0.70 0.00	79.05 0.69 0.00	67.19 0.60 0.00
BIXINCNT_115KV_LOAD 355685	37.25 0.79 0.00	37.37 1.22 0.00	38.29 1.26 0.00	37.01 1.09 0.00	35.90 1.29 0.00	38.50 0.90 0.00	44.05 0.86 0.00	68.65 1.97 0.00	74.32 2.08 0.00	70.79 2.86 0.00	77.71 3.69 0.00	61.57 2.95 0.00	50.25 2.22 0.00	50.59 1.96 0.00	51.85 1.91 0.00	53.66 1.74 0.00	57.51 1.67 0.00	64.88 1.22 0.00	57.66 1.20 0.00	62.75 1.38 0.00	55.02 1.31 0.00	74.03 1.55 0.00	80.23 1.87 0.00	68.08 1.49 0.00
BLACK RIVER___HYD 24047	36.31 -0.15 0.00	36.06 -0.09 0.00	37.18 0.15 0.00	36.20 0.28 0.00	35.01 0.40 0.00	38.26 0.65 0.00	44.22 1.02 0.00	68.68 1.99 0.00	74.26 2.02 0.00	69.71 1.78 0.00	76.27 2.25 0.00	59.85 1.24 0.00	49.05 1.03 0.00	49.78 1.15 0.00	51.18 1.24 0.00	53.33 1.41 0.00	57.45 1.60 0.00	65.90 2.23 0.00	58.45 1.98 0.00	63.67 2.29 0.00	55.61 1.90 0.00	75.04 2.57 0.00	80.83 2.47 0.00	68.35 1.76 0.00
BLACKRVR_115KV_TB2 79977	36.31 -0.15 0.00	36.06 -0.09 0.00	37.18 0.15 0.00	36.20 0.28 0.00	35.01 0.40 0.00	38.26 0.65 0.00	44.21 1.02 0.00	68.68 1.99 0.00	74.26 2.02 0.00	69.71 1.79 0.00	76.27 2.25 0.00	59.86 1.24 0.00	49.05 1.03 0.00	49.78 1.15 0.00	51.19 1.24 0.00	53.33 1.41 0.00	57.45 1.60 0.00	65.90 2.23 0.00	58.45 1.98 0.00	63.67 2.29 0.00	55.62 1.90 0.00	75.05 2.57 0.00	80.83 2.47 0.00	68.35 1.76 0.00
BLISS_WT_PWR 323608	37.16 0.69 0.00	37.32 1.17 0.00	38.29 1.25 0.00	37.03 1.11 0.00	35.89 1.27 0.00	38.49 0.88 0.00	44.05 0.85 0.00	68.72 2.03 0.00	74.42 2.18 0.00	70.90 2.98 0.00	77.83 3.80 0.00	61.66 3.04 0.00	50.31 2.29 0.00	50.66 2.03 0.00	51.91 1.97 0.00	53.74 1.82 0.00	57.58 1.74 0.00	64.96 1.29 0.00	57.72 1.26 0.00	62.81 1.43 0.00	55.09 1.38 0.00	74.05 1.58 0.00	80.29 1.93 0.00	68.11 1.53 0.00
BLUESTONE___WT_PWR 323821	35.76 -0.70 0.00	35.71 -0.45 0.00	36.83 -0.20 0.00	35.99 0.08 0.00	34.74 0.13 0.00	37.70 0.10 0.00	43.57 0.37 0.00	67.89 1.20 0.00	74.15 1.90 0.00	69.68 1.75 0.00	76.16 2.14 0.00	61.11 2.49 0.00	50.57 2.54 0.00	50.78 2.15 0.00	52.07 2.14 0.00	54.47 2.55 0.00	58.58 2.73 0.00	66.22 2.55 0.00	59.03 2.57 0.00	64.96 3.58 0.00	56.90 3.19 0.00	75.97 3.49 0.00	82.39 4.03 0.00	70.09 3.50 0.00
BLUE_CIRC_CHEM_DRP 24182	36.75 0.29 0.00	36.42 0.27 0.00	37.32 0.29 0.00	36.22 0.30 0.00	34.84 0.23 0.00	37.90 0.29 0.00	43.52 0.33 0.00	67.32 0.64 0.00	72.93 0.69 0.00	68.23 0.30 0.00	74.17 0.15 0.00	58.65 0.03 0.00	48.03 0.00 0.00	48.72 0.09 0.00	50.23 0.29 0.00	52.25 0.34 0.00	56.40 0.56 0.00	64.52 0.86 0.00	57.43 0.97 0.00	62.38 1.00 0.00	54.58 0.86 0.00	73.21 0.73 0.00	79.10 0.74 0.00	67.27 0.68 0.00
BOC_GAS_DRP 24189	36.74 0.28 0.00	36.41 0.26 0.00	37.32 0.29 0.00	36.21 0.29 0.00	34.83 0.22 0.00	37.89 0.28 0.00	43.51 0.32 0.00	67.32 0.64 0.00	72.92 0.67 0.00	68.22 0.29 0.00	74.15 0.13 0.00	58.63 0.02 0.00	48.06 0.03 0.00	48.72 0.09 0.00	50.08 0.14 0.00	52.06 0.14 0.00	56.09 0.24 0.00	64.12 0.45 0.00	57.07 0.61 0.00	62.03 0.65 0.00	54.29 0.58 0.00	72.82 0.34 0.00	78.68 0.32 0.00	66.90 0.31 0.00
BOONVILLE_115KV_TB1 79983	36.88 0.42 0.00	36.57 0.41 0.00	37.58 0.55 0.00	36.51 0.59 0.00	35.24 0.62 0.00	38.41 0.80 0.00	44.31 1.11 0.00	68.65 1.97 0.00	74.44 2.19 0.00	69.90 1.97 0.00	76.15 2.12 0.00	60.13 1.52 0.00	49.23 1.21 0.00	49.94 1.31 0.00	51.29 1.35 0.00	53.33 1.41 0.00	57.46 1.62 0.00	65.66 1.99 0.00	58.29 1.83 0.00	63.42 2.04 0.00	55.44 1.72 0.00	74.69 2.21 0.00	80.58 2.22 0.00	68.29 1.70 0.00
BORALEX_4TH_BRANCH 23824	37.26 0.80 0.00	37.11 0.96 0.00	38.08 1.05 0.00	36.93 1.01 0.00	35.34 0.73 0.00	38.51 0.91 0.00	44.22 1.03 0.00	68.60 1.91 0.00	74.26 2.01 0.00	69.23 1.30 0.00	75.14 1.12 0.00	59.19 0.57 0.00	48.62 0.60 0.00	49.47 0.83 0.00	50.88 0.94 0.00	52.58 0.67 0.00	56.87 1.03 0.00	65.39 1.72 0.00	58.12 1.66 0.00	63.04 1.66 0.00	55.14 1.43 0.00	74.00 1.52 0.00	79.87 1.51 0.00	67.82 1.23 0.00
BOWLINE___1 23526	37.42 0.95 0.00	36.93 0.78 0.00	37.82 0.79 0.00	36.74 0.82 0.00	35.38 0.77 0.00	38.49 0.89 0.00	44.15 0.95 0.00	68.35 1.67 0.00	74.05 1.81 0.00	69.36 1.43 0.00	75.35 1.33 0.00	59.76 1.14 0.00	48.95 0.93 0.00	49.65 1.02 0.00	50.94 1.00 0.00	53.05 1.14 0.00	56.98 1.14 0.00	64.98 1.31 0.00	58.11 1.65 0.00	63.44 2.06 0.00	55.53 1.82 0.00	73.95 1.47 0.00	79.95 1.59 0.00	68.06 1.47 0.00
BOWLINE___2 23595	37.44 0.97 0.00	36.95 0.79 0.00	37.82 0.80 0.00	36.75 0.84 0.00	35.38 0.77 0.00	38.51 0.91 0.00	44.20 1.01 0.00	68.49 1.80 0.00	74.19 1.94 0.00	69.46 1.53 0.00	75.47 1.44 0.00	59.85 1.23 0.00	49.00 0.98 0.00	49.70 1.07 0.00	51.01 1.06 0.00	53.13 1.21 0.00	57.06 1.21 0.00	65.08 1.42 0.00	58.20 1.74 0.00	63.53 2.15 0.00	55.60 1.89 0.00	74.06 1.58 0.00	80.04 1.68 0.00	68.06 1.47 0.00
BRADY___115KV_TB2 356060	37.13 0.67 0.00	36.84 0.68 0.00	37.74 0.72 0.00	36.59 0.67 0.00	35.23 0.62 0.00	38.24 0.64 0.00	43.68 0.49 0.00	67.08 0.39 0.00	72.52 0.28 0.00	68.78 0.85 0.00	75.20 1.18 0.00	59.65 1.03 0.00	48.92 0.89 0.00	49.42 0.79 0.00	50.80 0.86 0.00	52.91 0.99 0.00	57.01 1.17 0.00	64.93 1.26 0.00	56.84 0.38 0.00	61.71 0.33 0.00	53.49 -0.22 0.00	73.64 1.16 0.00	79.65 1.29 0.00	67.45 0.86 0.00
BRANSCOMB___SOLAR 323811	37.61 1.14 0.00	37.24 1.09 0.00	38.18 1.15 0.00	37.05 1.13 0.00	35.66 1.05 0.00	38.87 1.26 0.00	44.82 1.62 0.00	69.53 2.85 0.00	75.32 3.07 0.00	70.06 2.14 0.00	76.15 2.13 0.00	60.07 1.45 0.00	49.22 1.20 0.00	49.77 1.15 0.00	51.13 1.19 0.00	53.08 1.16 0.00	57.43 1.59 0.00	65.99 2.32 0.00	58.81 2.34 0.00	63.89 2.52 0.00	55.88 2.17 0.00	74.83 2.35 0.00	80.70 2.34 0.00	68.53 1.94 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.84 1.97 1.59	37.63 1.48 0.00	38.28 1.25 0.00	37.07 1.16 0.00	35.25 0.63 0.00	36.19 0.48 1.90	36.91 0.63 6.92	68.22 1.53 0.00	45.83 1.41 27.82	22.49 1.43 46.87	51.95 1.18 23.25	49.43 1.31 10.49	19.45 0.94 29.52	13.92 0.84 35.54	22.46 0.83 28.32	19.95 1.02 32.99	22.81 1.04 34.08	65.57 1.90 0.00	58.75 2.29 0.00	32.33 2.38 31.43	55.33 2.19 0.57	59.27 1.51 14.72	59.56 1.10 19.90	55.08 0.98 12.49

BRISTLHL_115KV_TB1 79998	35.91 -0.55 0.00	35.62 -0.54 0.00	36.47 -0.56 0.00	35.36 -0.55 0.00	34.14 -0.48 0.00	37.10 -0.50 0.00	42.69 -0.50 0.00	66.07 -0.62 0.00	71.54 -0.71 0.00	67.27 -0.66 0.00	73.35 -0.67 0.00	58.02 -0.59 0.00	47.50 -0.52 0.00	48.07 -0.56 0.00	49.37 -0.57 0.00	51.30 -0.62 0.00	55.17 -0.67 0.00	62.84 -0.83 0.00	55.86 -0.60 0.00	60.81 -0.57 0.00	53.22 -0.49 0.00	71.54 -0.94 0.00	77.36 -1.00 0.00	65.75 -0.84 0.00
BROOKHAVEN___DRP 24191	36.06 1.50 1.91	37.11 0.96 0.00	37.76 0.74 0.00	36.58 0.67 0.00	34.73 0.11 0.00	35.55 -0.12 1.94	36.10 -0.03 7.06	67.11 0.43 0.00	43.80 -0.01 28.43	20.29 0.24 47.88	49.99 -0.30 23.73	47.96 0.13 10.79	17.78 0.01 30.25	11.88 -0.22 36.52	20.77 -0.23 28.94	18.19 -0.02 33.71	20.91 0.01 34.95	64.86 1.19 0.00	58.14 1.68 0.00	30.37 1.39 32.40	54.41 1.29 0.59	57.60 0.24 15.12	57.71 -0.32 20.33	53.42 -0.42 12.75
BROOKLYN_NAVY_YARD 23515	37.75 1.28 0.00	37.26 1.10 0.00	38.10 1.07 0.00	37.02 1.11 0.00	35.64 1.02 0.00	38.80 1.19 0.00	44.62 1.43 0.00	69.26 2.57 0.00	76.61 3.06 -1.30	72.35 2.54 -1.88	76.89 2.55 -0.31	60.72 2.10 0.00	49.67 1.65 0.00	50.50 1.73 -0.14	53.05 1.75 -1.36	55.23 1.93 -1.38	59.37 1.93 -1.59	65.91 2.24 0.00	58.92 2.46 0.00	64.32 2.94 0.00	56.41 2.70 0.00	75.56 2.66 -0.42	81.74 2.90 -0.48	69.06 2.47 0.00
BROOKLYN___ARMY_DRP 323595	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.53 -13.10	51.07 1.52 -13.64	51.56 1.42 -15.52	52.08 1.62 -12.86	52.46 1.95 -7.31	84.95 3.32 -14.94	89.54 3.81 -13.49	90.76 3.30 -19.54	90.99 3.40 -13.56	89.58 2.81 -28.16	89.58 2.22 -39.33	89.56 2.31 -38.61	89.56 2.35 -37.26	89.58 2.54 -35.12	83.94 2.56 -25.54	84.23 2.91 -17.65	81.79 3.08 -22.25	89.58 3.62 -24.58	89.56 3.33 -32.51	90.17 3.34 -14.35	92.20 3.58 -10.25	82.21 3.09 -12.53
BROOKVLE_69_KV_TB1 55790	42.68 1.78 -4.44	37.59 1.42 -0.01	38.31 1.27 -0.01	37.16 1.24 0.00	35.63 1.02 0.00	37.96 1.07 0.72	41.85 1.30 2.64	68.99 2.30 0.00	64.96 2.69 9.98	53.22 2.26 16.96	67.53 2.22 8.72	58.11 2.13 2.64	40.70 1.63 8.95	41.20 1.64 9.07	41.43 1.63 10.14	41.83 1.82 11.91	47.68 1.90 10.06	66.13 2.45 -0.01	59.04 2.57 -0.01	58.00 2.94 6.31	56.32 2.71 0.10	70.85 2.37 4.00	73.48 2.42 7.30	63.92 2.09 4.76
BROOME_2_LFGE 323671	36.84 0.38 0.00	36.62 0.47 0.00	37.49 0.46 0.00	36.37 0.45 0.00	35.16 0.55 0.00	38.08 0.47 0.00	43.73 0.53 0.00	67.75 1.06 0.00	73.23 0.99 0.00	68.90 0.97 0.00	75.13 1.10 0.00	59.51 0.89 0.00	48.79 0.76 0.00	49.26 0.63 0.00	50.70 0.76 0.00	52.68 0.76 0.00	56.54 0.70 0.00	64.21 0.54 0.00	57.19 0.73 0.00	62.36 0.98 0.00	54.55 0.84 0.00	73.17 0.69 0.00	79.05 0.69 0.00	67.19 0.60 0.00
BROOME___LFGE 323600	36.84 0.38 0.00	36.62 0.47 0.00	37.49 0.46 0.00	36.37 0.45 0.00	35.16 0.55 0.00	38.08 0.47 0.00	43.73 0.53 0.00	67.75 1.06 0.00	73.23 0.99 0.00	68.90 0.97 0.00	75.13 1.10 0.00	59.51 0.89 0.00	48.79 0.76 0.00	49.26 0.63 0.00	50.70 0.76 0.00	52.68 0.76 0.00	56.54 0.70 0.00	64.21 0.54 0.00	57.19 0.73 0.00	62.36 0.98 0.00	54.55 0.84 0.00	73.17 0.69 0.00	79.05 0.69 0.00	67.19 0.60 0.00
BROWNFLS_115KV_TB_3_5 80003	35.96 -0.50 0.00	35.69 -0.47 0.00	36.72 -0.31 0.00	35.68 -0.23 0.00	34.42 -0.19 0.00	37.49 -0.12 0.00	43.04 -0.16 0.00	66.48 -0.21 0.00	71.97 -0.27 0.00	67.94 0.02 0.00	74.33 0.30 0.00	58.73 0.11 0.00	48.10 0.08 0.00	48.73 0.11 0.00	50.07 0.13 0.00	52.11 0.19 0.00	56.14 0.29 0.00	64.16 0.49 0.00	56.47 0.01 0.00	61.38 0.00 0.00	53.51 -0.20 0.00	73.03 0.55 0.00	78.82 0.46 0.00	66.72 0.13 0.00
BROWNSV1_27_KV_LOAD 356125	38.22 1.76 0.00	37.68 1.53 0.00	38.51 1.49 0.00	37.42 1.51 0.00	36.03 1.42 0.00	39.23 1.62 0.00	45.15 1.95 0.00	70.08 3.40 0.00	76.15 3.91 0.00	71.25 3.33 0.00	77.47 3.45 0.00	61.44 2.83 0.00	50.28 2.25 0.00	50.97 2.34 0.00	52.32 2.38 0.00	54.50 2.59 0.00	58.49 2.65 0.00	66.71 3.04 0.00	59.63 3.17 0.00	65.11 3.73 0.00	57.11 3.40 0.00	76.02 3.54 0.00	82.13 3.77 0.00	69.80 3.21 0.00
BURROWS___LYONSDAL 23803	36.61 0.15 0.00	36.32 0.16 0.00	37.38 0.35 0.00	36.34 0.42 0.00	35.08 0.47 0.00	38.26 0.65 0.00	44.15 0.95 0.00	68.45 1.76 0.00	74.20 1.96 0.00	69.66 1.74 0.00	75.96 1.94 0.00	59.94 1.32 0.00	49.09 1.07 0.00	49.80 1.17 0.00	51.18 1.24 0.00	53.23 1.32 0.00	57.35 1.51 0.00	65.57 1.90 0.00	58.19 1.73 0.00	63.32 1.95 0.00	55.34 1.63 0.00	74.63 2.15 0.00	80.46 2.10 0.00	68.19 1.59 0.00
CAITHNESS_CC_1 323624	36.05 1.50 1.92	37.11 0.96 0.00	37.78 0.75 0.00	36.59 0.67 0.00	34.75 0.14 0.00	35.57 -0.10 1.94	36.10 -0.03 7.07	67.11 0.42 0.00	43.85 0.05 28.44	20.30 0.27 47.91	50.07 -0.21 23.74	48.04 0.21 10.79	17.80 0.05 30.27	11.97 -0.11 36.54	20.85 -0.14 28.95	18.26 0.06 33.72	20.96 0.08 34.96	64.79 1.12 0.00	58.08 1.62 0.00	30.36 1.40 32.42	54.43 1.31 0.59	57.63 0.28 15.13	57.76 -0.26 20.34	53.52 -0.32 12.75
CALPINE BETH_PAGE_GT4 24209	40.65 1.59 -2.59	37.32 1.16 -0.01	37.96 0.92 0.00	36.80 0.88 0.00	35.14 0.53 0.00	36.67 0.45 1.38	38.59 0.44 5.05	67.80 1.11 0.00	53.37 1.16 20.04	35.07 0.96 33.82	57.90 0.78 16.90	53.00 1.05 6.66	28.86 0.70 19.86	26.60 0.65 22.69	30.18 0.62 20.39	28.91 0.78 23.79	33.69 0.81 22.97	65.07 1.40 -0.01	58.23 1.77 -0.01	44.55 1.97 18.80	55.20 1.83 0.34	63.94 1.09 9.63	65.01 1.04 14.39	58.48 1.01 9.11
CALPINE_BETH_PAGE_GT_4 323586	40.65 1.59 -2.59	37.31 1.15 -0.01	37.95 0.91 0.00	36.80 0.88 0.00	35.14 0.53 0.00	36.67 0.45 1.38	38.59 0.45 5.05	67.79 1.11 0.00	53.36 1.16 20.04	35.04 0.93 33.82	57.89 0.77 16.90	53.00 1.05 6.66	28.83 0.66 19.86	26.60 0.65 22.69	30.15 0.59 20.39	28.87 0.75 23.79	33.67 0.79 22.97	65.07 1.40 -0.01	58.25 1.78 -0.01	44.55 1.97 18.80	55.21 1.83 0.34	63.93 1.08 9.63	65.01 1.04 14.39	58.48 1.01 9.11
CALPINE_BP_GT1 23823	40.65 1.59 -2.59	37.31 1.15 -0.01	37.95 0.91 0.00	36.80 0.88 0.00	35.14 0.53 0.00	36.67 0.45 1.38	38.59 0.45 5.05	67.79 1.11 0.00	53.36 1.16 20.04	35.04 0.93 33.82	57.89 0.77 16.90	53.00 1.05 6.66	28.83 0.66 19.86	26.60 0.65 22.69	30.15 0.59 20.39	28.87 0.75 23.79	33.67 0.79 22.97	65.07 1.40 -0.01	58.25 1.78 -0.01	44.55 1.97 18.80	55.21 1.83 0.34	63.93 1.08 9.63	65.01 1.04 14.39	58.48 1.01 9.11
CALSPAN___DRP 24200	36.77 0.31 0.00	36.77 0.62 0.00	37.48 0.45 0.00	36.09 0.17 0.00	35.07 0.46 0.00	37.67 0.06 0.00	43.06 -0.14 0.00	66.79 0.10 0.00	72.30 0.05 0.00	69.01 1.08 0.00	75.96 1.93 0.00	60.14 1.52 0.00	49.03 1.01 0.00	49.28 0.65 0.00	50.47 0.53 0.00	52.19 0.27 0.00	55.89 0.05 0.00	63.15 -0.51 0.00	56.25 -0.21 0.00	61.18 -0.20 0.00	53.71 0.00 0.00	72.44 -0.04 0.00	78.65 0.29 0.00	66.67 0.08 0.00

CALVERTON___SOLAR 323806	36.06 1.51 1.91	37.11 0.96 0.00	37.77 0.75 0.00	36.59 0.68 0.00	34.74 0.13 0.00	35.56 -0.11 1.94	36.11 -0.03 7.06	67.11 0.43 0.00	43.79 -0.02 28.43	20.26 0.21 47.88	49.96 -0.33 23.73	47.95 0.12 10.79	17.74 -0.03 30.25	11.86 -0.25 36.52	20.76 -0.24 28.94	18.17 -0.04 33.71	20.89 -0.01 34.95	64.87 1.20 0.00	58.21 1.75 0.00	30.36 1.38 32.39	54.40 1.28 0.59	57.59 0.22 15.11	57.68 -0.36 20.33	53.32 -0.53 12.74
CANDIGU_WT_PWR 323617	35.83 -0.64 0.00	35.98 -0.18 0.00	36.85 -0.18 0.00	35.80 -0.12 0.00	34.63 0.02 0.00	37.37 -0.23 0.00	43.05 -0.14 0.00	67.03 0.34 0.00	72.58 0.33 0.00	68.60 0.68 0.00	75.11 1.08 0.00	59.73 1.11 0.00	48.85 0.82 0.00	49.31 0.68 0.00	50.86 0.92 0.00	52.83 0.91 0.00	56.55 0.71 0.00	63.90 0.23 0.00	56.97 0.51 0.00	62.17 0.79 0.00	54.38 0.67 0.00	72.88 0.40 0.00	78.73 0.37 0.00	66.89 0.30 0.00
CARR STREET_E_SYR 24060	36.30 -0.17 0.00	36.02 -0.14 0.00	36.86 -0.17 0.00	35.73 -0.18 0.00	34.51 -0.10 0.00	37.48 -0.12 0.00	43.13 -0.07 0.00	66.78 0.09 0.00	72.32 0.08 0.00	68.03 0.11 0.00	74.16 0.14 0.00	58.71 0.09 0.00	48.07 0.05 0.00	48.63 0.00 0.00	49.95 0.01 0.00	51.90 -0.02 0.00	55.76 -0.08 0.00	63.48 -0.19 0.00	56.44 -0.02 0.00	61.44 0.07 0.00	53.76 0.05 0.00	72.26 -0.22 0.00	78.13 -0.23 0.00	66.40 -0.19 0.00
CARTHAGE___PAPER 23857	36.48 0.01 0.00	36.22 0.07 0.00	37.36 0.33 0.00	36.36 0.44 0.00	35.14 0.53 0.00	38.38 0.77 0.00	44.31 1.11 0.00	68.75 2.06 0.00	74.36 2.12 0.00	69.83 1.91 0.00	76.36 2.34 0.00	60.04 1.43 0.00	49.21 1.19 0.00	49.93 1.30 0.00	51.34 1.40 0.00	53.52 1.60 0.00	57.65 1.80 0.00	66.07 2.40 0.00	58.51 2.05 0.00	63.72 2.34 0.00	55.63 1.92 0.00	75.25 2.77 0.00	81.06 2.70 0.00	68.55 1.96 0.00
CASSADAGA_WT_PWR 323784	37.95 1.48 0.00	38.01 1.86 0.00	38.76 1.73 0.00	37.37 1.45 0.00	36.27 1.66 0.00	39.14 1.53 0.00	44.86 1.66 0.00	69.92 3.24 0.00	75.66 3.41 0.00	72.07 4.15 0.00	79.02 4.99 0.00	62.56 3.94 0.00	51.01 2.99 0.00	51.18 2.55 0.00	52.37 2.43 0.00	54.26 2.34 0.00	58.11 2.27 0.00	65.63 1.96 0.00	58.53 2.07 0.00	63.74 2.36 0.00	55.78 2.07 0.00	74.98 2.50 0.00	81.18 2.82 0.00	68.79 2.20 0.00
CE_DUNWOOD___DRP 24194	37.73 1.26 0.00	37.21 1.06 0.00	38.06 1.03 0.00	36.96 1.05 0.00	35.57 0.96 0.00	38.72 1.11 0.00	44.53 1.33 0.00	69.06 2.37 0.00	74.93 2.69 0.00	70.14 2.21 0.00	76.19 2.17 0.00	60.40 1.78 0.00	49.45 1.43 0.00	50.14 1.51 0.00	51.47 1.53 0.00	53.60 1.68 0.00	57.59 1.74 0.00	65.72 2.05 0.00	58.74 2.28 0.00	64.07 2.42 0.00	56.13 2.42 0.00	74.77 2.30 0.00	80.79 2.43 0.00	68.69 2.10 0.00
CE_MILLWOOD___DRP 24193	37.59 1.13 0.00	37.10 0.95 0.00	37.97 0.94 0.00	36.87 0.96 0.00	35.49 0.87 0.00	38.62 1.02 0.00	44.39 1.20 0.00	68.82 2.13 0.00	74.63 2.39 0.00	69.86 1.94 0.00	75.90 1.88 0.00	60.17 1.55 0.00	49.27 1.24 0.00	49.94 1.31 0.00	51.27 1.33 0.00	53.39 1.48 0.00	57.37 1.52 0.00	65.47 1.80 0.00	58.52 2.06 0.00	63.84 2.46 0.00	55.91 2.19 0.00	74.49 2.01 0.00	80.48 2.11 0.00	68.42 1.82 0.00
CE_NYC2_DRP 24202	38.44 1.58 -0.40	37.53 1.37 -0.01	38.34 1.31 0.00	37.24 1.32 0.00	35.85 1.24 0.00	39.03 1.43 0.00	44.92 1.72 0.00	69.72 3.03 0.00	76.04 3.51 -0.29	70.92 2.99 -0.01	77.07 3.04 0.00	61.13 2.50 -0.01	54.77 1.99 -4.76	52.30 2.08 -1.59	53.13 2.11 -1.08	54.98 2.30 -0.76	59.29 2.36 -1.08	70.37 2.68 -4.02	59.46 2.85 -0.14	64.69 3.31 0.00	56.76 3.05 0.00	75.53 3.05 0.00	81.61 3.25 0.00	69.36 2.77 0.00
CE_NYC_DRP 24195	37.92 1.46 0.00	37.40 1.25 0.00	38.24 1.21 0.00	37.16 1.24 0.00	35.76 1.15 0.00	38.94 1.34 0.00	44.79 1.59 0.00	69.49 2.80 0.00	75.50 3.25 0.00	70.65 2.72 0.00	76.78 2.76 0.00	60.90 2.28 0.00	49.84 1.81 0.00	50.53 1.90 0.00	51.86 1.92 0.00	54.02 2.11 0.00	57.99 2.15 0.00	66.15 2.48 0.00	59.12 2.66 0.00	64.52 3.14 0.00	56.60 2.89 0.00	75.33 2.86 0.00	81.43 3.06 0.00	69.23 2.64 0.00
CHAFFEE___LFGE 323603	37.68 1.22 0.00	37.70 1.55 0.00	38.53 1.50 0.00	37.25 1.33 0.00	36.26 1.65 0.00	38.89 1.28 0.00	44.14 0.94 0.00	68.62 1.93 0.00	74.10 1.85 0.00	70.44 2.51 0.00	76.96 2.94 0.00	61.02 2.40 0.00	50.02 2.00 0.00	50.54 1.92 0.00	51.91 1.97 0.00	53.77 1.86 0.00	57.67 1.82 0.00	64.94 1.27 0.00	57.54 1.08 0.00	62.75 1.38 0.00	54.99 1.28 0.00	73.69 1.21 0.00	79.78 1.42 0.00	67.86 1.27 0.00
CHATEAUG_35_KV_LOAD 355732	36.98 0.52 0.00	36.61 0.45 0.00	37.63 0.59 0.00	36.53 0.62 0.00	35.22 0.61 0.00	38.30 0.70 0.00	43.92 0.72 0.00	67.45 0.76 0.00	72.98 0.74 0.00	68.75 0.82 0.00	75.06 1.03 0.00	60.30 1.69 0.00	49.51 1.49 0.00	50.00 1.37 0.00	51.25 1.31 0.00	53.01 1.10 0.00	56.95 1.10 0.00	64.92 1.25 0.00	57.11 0.65 0.00	61.78 0.40 0.00	54.49 0.78 0.00	73.82 1.34 0.00	79.84 1.48 0.00	67.66 1.07 0.00
CHATEAUG_WT_PWR 323614	36.98 0.51 0.00	36.61 0.45 0.00	37.61 0.58 0.00	36.53 0.61 0.00	35.22 0.60 0.00	38.30 0.69 0.00	43.90 0.70 0.00	67.45 0.77 0.00	72.98 0.74 0.00	68.74 0.81 0.00	75.05 1.02 0.00	59.52 0.91 0.00	48.85 0.83 0.00	49.39 0.76 0.00	50.63 0.69 0.00	52.67 0.75 0.00	56.88 1.04 0.00	64.82 1.16 0.00	57.02 0.55 0.00	61.66 0.28 0.00	54.25 0.54 0.00	73.57 1.09 0.00	79.63 1.27 0.00	67.49 0.91 0.00
CHAT_HIGH_FALL_HYD 323578	36.98 0.52 0.00	36.61 0.45 0.00	37.63 0.59 0.00	36.53 0.62 0.00	35.22 0.61 0.00	38.30 0.70 0.00	43.92 0.72 0.00	67.45 0.76 0.00	72.98 0.74 0.00	68.75 0.82 0.00	75.06 1.03 0.00	60.30 1.69 0.00	49.51 1.49 0.00	50.00 1.37 0.00	51.25 1.31 0.00	53.01 1.10 0.00	56.95 1.10 0.00	64.92 1.25 0.00	57.11 0.65 0.00	61.78 0.40 0.00	54.49 0.78 0.00	73.82 1.34 0.00	79.84 1.48 0.00	67.66 1.07 0.00
CHAUTAUQUA___LFGE 323629	37.46 1.00 0.00	37.49 1.34 0.00	38.23 1.20 0.00	36.86 0.94 0.00	35.83 1.22 0.00	38.54 0.94 0.00	44.12 0.92 0.00	68.62 1.93 0.00	74.18 1.93 0.00	70.69 2.76 0.00	77.51 3.48 0.00	61.36 2.74 0.00	50.02 2.00 0.00	50.19 1.57 0.00	51.47 1.53 0.00	53.29 1.37 0.00	57.07 1.23 0.00	64.47 0.80 0.00	57.55 1.09 0.00	62.69 1.31 0.00	54.86 1.15 0.00	73.77 1.29 0.00	79.90 1.54 0.00	67.70 1.11 0.00
CHERRYST_13_KV_LD 356241	38.02 1.56 0.00	37.50 1.34 0.00	38.33 1.31 0.00	37.25 1.33 0.00	35.86 1.25 0.00	39.06 1.45 0.00	44.94 1.74 0.00	69.73 3.05 0.00	75.75 3.50 0.00	70.91 2.99 0.00	77.08 3.06 0.00	61.13 2.51 0.00	50.02 2.00 0.00	50.72 2.09 0.00	52.06 2.12 0.00	54.22 2.30 0.00	58.21 2.36 0.00	66.39 2.72 0.00	59.32 2.86 0.00	64.74 3.36 0.00	56.78 3.07 0.00	75.58 3.10 0.00	81.68 3.32 0.00	69.43 2.84 0.00

CHESTROR_138KV_BK263 355645	37.34 0.87 0.00	36.88 0.73 0.00	37.77 0.74 0.00	36.68 0.76 0.00	35.32 0.71 0.00	38.44 0.83 0.00	44.16 0.96 0.00	68.37 1.68 0.00	74.04 1.79 0.00	69.34 1.41 0.00	75.39 1.36 0.00	59.74 1.13 0.00	48.91 0.89 0.00	49.59 0.96 0.00	50.91 0.96 0.00	53.00 1.08 0.00	56.95 1.10 0.00	64.98 1.31 0.00	58.05 1.59 0.00	63.34 1.97 0.00	55.45 1.74 0.00	73.98 1.50 0.00	79.88 1.52 0.00	67.91 1.32 0.00
CH_MIDHUDSON___DRP 24192	37.64 1.17 0.00	37.15 1.00 0.00	38.01 0.98 0.00	36.91 0.99 0.00	35.55 0.93 0.00	38.70 1.09 0.00	44.53 1.33 0.00	69.05 2.36 0.00	74.88 2.64 0.00	70.04 2.12 0.00	76.09 2.06 0.00	60.26 1.64 0.00	49.32 1.30 0.00	49.98 1.35 0.00	51.28 1.34 0.00	53.41 1.49 0.00	57.44 1.59 0.00	65.61 1.95 0.00	58.64 2.18 0.00	63.90 2.52 0.00	55.98 2.27 0.00	74.66 2.18 0.00	80.66 2.30 0.00	68.54 1.95 0.00
CH_MISC_IPPS 23765	37.85 1.39 0.00	37.35 1.20 0.00	38.23 1.20 0.00	37.12 1.21 0.00	35.75 1.13 0.00	38.93 1.32 0.00	44.79 1.59 0.00	69.44 2.76 0.00	75.30 3.06 0.00	70.46 2.53 0.00	76.58 2.56 0.00	60.65 2.04 0.00	49.64 1.61 0.00	50.29 1.66 0.00	51.62 1.68 0.00	53.77 1.86 0.00	57.80 1.95 0.00	65.99 2.33 0.00	59.00 2.54 0.00	64.33 2.95 0.00	56.34 2.63 0.00	75.12 2.64 0.00	81.11 2.75 0.00	68.90 2.31 0.00
CH_RES_BVR_FALLS 23983	36.09 -0.38 0.00	35.87 -0.29 0.00	36.80 -0.24 0.00	35.70 -0.22 0.00	34.41 -0.20 0.00	37.38 -0.22 0.00	42.89 -0.31 0.00	66.03 -0.66 0.00	71.66 -0.59 0.00	67.59 -0.34 0.00	73.78 -0.25 0.00	58.51 -0.10 0.00	48.00 -0.03 0.00	48.63 0.00 0.00	49.94 0.00 0.00	51.97 0.05 0.00	55.91 0.06 0.00	63.67 0.00 0.00	56.17 -0.28 0.00	60.99 -0.38 0.00	53.30 -0.41 0.00	72.46 -0.02 0.00	78.39 0.03 0.00	66.55 -0.04 0.00
CH_RES_NIAGARA 23895	35.43 -1.04 0.00	35.42 -0.74 0.00	36.10 -0.92 0.00	34.70 -1.21 0.00	33.69 -0.92 0.00	36.17 -1.44 0.00	41.21 -1.99 0.00	63.75 -2.94 0.00	68.99 -3.26 0.00	66.02 -1.91 0.00	72.83 -1.20 0.00	57.78 -0.84 0.00	47.16 -0.86 0.00	47.40 -1.23 0.00	48.66 -1.28 0.00	50.40 -1.52 0.00	53.73 -2.12 0.00	60.31 -3.36 0.00	53.67 -2.79 0.00	58.41 -2.97 0.00	51.33 -2.38 0.00	69.45 -3.03 0.00	75.71 -2.65 0.00	64.40 -2.19 0.00
CH_RES_SYRACUSE 23985	36.47 0.01 0.00	36.20 0.04 0.00	37.05 0.02 0.00	35.92 0.01 0.00	34.72 0.10 0.00	37.70 0.10 0.00	43.41 0.22 0.00	67.21 0.52 0.00	72.73 0.48 0.00	68.42 0.49 0.00	74.58 0.55 0.00	59.05 0.44 0.00	48.34 0.32 0.00	48.92 0.29 0.00	50.22 0.28 0.00	52.17 0.25 0.00	56.08 0.23 0.00	63.83 0.16 0.00	56.76 0.30 0.00	61.79 0.42 0.00	54.07 0.36 0.00	72.69 0.21 0.00	78.56 0.20 0.00	66.79 0.20 0.00
CLINTON_WT_PWR 323605	36.98 0.51 0.00	36.61 0.45 0.00	37.61 0.58 0.00	36.53 0.61 0.00	35.22 0.60 0.00	38.30 0.69 0.00	43.90 0.70 0.00	67.45 0.77 0.00	72.98 0.74 0.00	68.74 0.81 0.00	75.05 1.02 0.00	59.52 0.91 0.00	48.85 0.83 0.00	49.39 0.76 0.00	50.63 0.69 0.00	52.67 0.75 0.00	56.88 1.04 0.00	64.82 1.16 0.00	57.02 0.55 0.00	61.66 0.28 0.00	54.25 0.54 0.00	73.57 1.09 0.00	79.63 1.27 0.00	67.49 0.91 0.00
CLINTON___LFGE 323618	37.59 1.12 0.00	37.22 1.06 0.00	38.20 1.17 0.00	37.11 1.19 0.00	35.81 1.20 0.00	39.00 1.39 0.00	44.78 1.58 0.00	68.82 2.13 0.00	74.41 2.17 0.00	69.87 1.94 0.00	76.15 2.13 0.00	60.30 1.68 0.00	49.46 1.44 0.00	49.95 1.33 0.00	51.21 1.27 0.00	53.23 1.31 0.00	57.48 1.64 0.00	65.60 1.93 0.00	57.79 1.33 0.00	62.44 1.06 0.00	55.26 1.55 0.00	74.48 2.00 0.00	80.51 2.15 0.00	68.21 1.61 0.00
COBBLENY_34_KV_TB1 80064	37.68 1.22 0.00	37.70 1.55 0.00	38.53 1.50 0.00	37.25 1.33 0.00	36.25 1.64 0.00	38.89 1.29 0.00	44.15 0.95 0.00	68.62 1.93 0.00	74.11 1.86 0.00	70.42 2.49 0.00	76.97 2.95 0.00	61.03 2.42 0.00	50.02 2.00 0.00	50.54 1.92 0.00	51.91 1.97 0.00	53.77 1.86 0.00	57.67 1.83 0.00	64.93 1.26 0.00	57.54 1.08 0.00	62.75 1.37 0.00	54.98 1.27 0.00	73.72 1.24 0.00	79.78 1.42 0.00	67.85 1.26 0.00
COFFEEN___115KV_TB3 355620	36.52 0.06 0.00	36.24 0.09 0.00	37.35 0.32 0.00	36.36 0.45 0.00	35.17 0.56 0.00	38.44 0.83 0.00	44.46 1.27 0.00	69.09 2.40 0.00	74.66 2.42 0.00	70.04 2.11 0.00	76.63 2.61 0.00	60.09 1.47 0.00	49.26 1.24 0.00	50.01 1.38 0.00	51.40 1.46 0.00	53.54 1.62 0.00	57.69 1.85 0.00	66.25 2.59 0.00	58.77 2.31 0.00	64.05 2.67 0.00	55.94 2.23 0.00	75.42 2.94 0.00	81.19 2.83 0.00	68.64 2.05 0.00
COLDSPRG_115KV_BK1 355956	38.40 1.94 0.00	38.43 2.28 0.00	39.21 2.18 0.00	37.83 1.91 0.00	36.78 2.17 0.00	39.59 1.98 0.00	45.27 2.07 0.00	70.55 3.86 0.00	76.41 4.16 0.00	72.71 4.79 0.00	79.66 5.63 0.00	63.12 4.50 0.00	51.54 3.52 0.00	51.83 3.20 0.00	53.08 3.14 0.00	54.93 3.01 0.00	58.82 2.98 0.00	66.34 2.68 0.00	59.03 2.57 0.00	64.35 2.98 0.00	56.32 2.61 0.00	75.63 3.15 0.00	81.82 3.46 0.00	69.38 2.79 0.00
COLONIE_LFGE___ 323577	37.08 0.61 0.00	36.77 0.62 0.00	37.70 0.67 0.00	36.58 0.66 0.00	35.15 0.54 0.00	38.30 0.69 0.00	44.05 0.85 0.00	68.27 1.58 0.00	73.93 1.68 0.00	68.96 1.04 0.00	74.93 0.90 0.00	59.12 0.51 0.00	48.47 0.44 0.00	49.11 0.47 0.00	50.49 0.55 0.00	52.42 0.50 0.00	56.60 0.75 0.00	64.92 1.25 0.00	57.82 1.36 0.00	62.82 1.44 0.00	54.96 1.24 0.00	73.69 1.21 0.00	79.50 1.14 0.00	67.55 0.96 0.00
COOPERNY_115KV_TB1 80082	37.11 0.64 0.00	36.70 0.55 0.00	37.58 0.55 0.00	36.49 0.57 0.00	35.15 0.54 0.00	38.23 0.63 0.00	43.90 0.70 0.00	67.92 1.23 0.00	73.55 1.30 0.00	68.96 1.03 0.00	75.02 1.00 0.00	59.46 0.84 0.00	48.70 0.68 0.00	49.36 0.73 0.00	50.66 0.72 0.00	52.74 0.82 0.00	56.65 0.80 0.00	64.58 0.91 0.00	57.60 1.14 0.00	62.82 1.45 0.00	54.98 1.27 0.00	73.53 1.05 0.00	79.45 1.09 0.00	67.54 0.95 0.00
COPENHAGEN_WT_PWR 323753	36.02 -0.44 0.00	35.80 -0.35 0.00	36.95 -0.08 0.00	35.99 0.08 0.00	34.82 0.21 0.00	38.03 0.43 0.00	43.95 0.76 0.00	68.28 1.59 0.00	73.91 1.67 0.00	69.38 1.45 0.00	75.93 1.91 0.00	59.61 0.99 0.00	48.84 0.82 0.00	49.58 0.95 0.00	50.98 1.04 0.00	53.12 1.20 0.00	57.19 1.35 0.00	65.59 1.92 0.00	58.18 1.72 0.00	63.38 2.01 0.00	55.38 1.66 0.00	74.69 2.21 0.00	80.48 2.12 0.00	68.10 1.51 0.00
CORNELL_____ 23752	37.16 0.70 0.00	36.90 0.75 0.00	37.79 0.76 0.00	36.65 0.73 0.00	35.47 0.86 0.00	38.50 0.89 0.00	44.37 1.17 0.00	68.81 2.12 0.00	74.39 2.14 0.00	69.88 1.95 0.00	76.35 2.33 0.00	60.39 1.77 0.00	49.56 1.54 0.00	50.07 1.44 0.00	51.39 1.45 0.00	53.47 1.55 0.00	57.46 1.62 0.00	65.37 1.70 0.00	58.21 1.75 0.00	63.47 2.09 0.00	55.53 1.82 0.00	74.50 2.02 0.00	80.40 2.04 0.00	68.26 1.67 0.00

CORONA_69_KV_TB1 355595	61.19 1.84 -22.89	37.64 1.43 -0.05	38.30 1.23 -0.04	37.11 1.20 0.00	35.53 0.92 0.00	38.54 0.93 0.00	44.30 1.10 0.00	68.82 2.13 0.00	77.03 2.23 -2.55	73.54 1.94 -3.68	76.53 1.89 -0.61	67.37 1.97 -6.78	61.47 1.46 -11.98	73.26 1.42 -23.22	53.94 1.34 -2.66	56.14 1.52 -2.70	71.79 1.61 -14.33	65.93 2.23 -0.04	58.99 2.49 -0.04	93.71 2.83 -29.50	56.92 2.62 -0.59	82.75 2.11 -8.16	81.56 1.97 -1.22	68.34 1.75 0.00
CORTLAND_115KV_TB3 80093	36.94 0.47 0.00	36.66 0.51 0.00	37.53 0.50 0.00	36.41 0.50 0.00	35.20 0.59 0.00	38.20 0.60 0.00	43.98 0.79 0.00	68.17 1.48 0.00	73.73 1.48 0.00	69.30 1.37 0.00	75.58 1.56 0.00	59.81 1.19 0.00	49.01 0.98 0.00	49.56 0.93 0.00	50.91 0.97 0.00	52.92 1.00 0.00	56.87 1.03 0.00	64.72 1.05 0.00	57.61 1.14 0.00	62.76 1.38 0.00	54.90 1.19 0.00	73.70 1.22 0.00	79.58 1.22 0.00	67.58 0.99 0.00
COXSACKIE___GT 23611	38.58 2.12 0.00	38.26 2.10 0.00	39.20 2.17 0.00	38.06 2.14 0.00	36.63 2.02 0.00	39.98 2.38 0.00	46.15 2.95 0.00	71.64 4.95 0.00	77.51 5.26 0.00	71.87 3.94 0.00	77.00 2.98 0.00	60.22 1.60 0.00	49.22 1.20 0.00	49.66 1.03 0.00	51.55 1.61 0.00	53.76 1.84 0.00	58.42 2.58 0.00	67.03 3.36 0.00	59.86 3.40 0.00	65.08 3.70 0.00	56.86 3.15 0.00	76.07 3.59 0.00	81.93 3.57 0.00	69.43 2.84 0.00
CPV_VALLEY___CC1 323721	37.09 0.62 0.00	36.63 0.48 0.00	37.52 0.49 0.00	36.44 0.52 0.00	35.10 0.48 0.00	38.18 0.57 0.00	43.83 0.63 0.00	67.87 1.18 0.00	73.51 1.26 0.00	68.85 0.93 0.00	74.85 0.83 0.00	59.32 0.70 0.00	48.58 0.56 0.00	49.24 0.61 0.00	50.55 0.61 0.00	52.63 0.71 0.00	56.55 0.71 0.00	64.51 0.84 0.00	57.60 1.14 0.00	62.84 1.47 0.00	55.00 1.29 0.00	73.43 0.95 0.00	79.33 0.96 0.00	67.44 0.85 0.00
CPV_VALLEY___CC2 323722	37.09 0.62 0.00	36.63 0.48 0.00	37.52 0.49 0.00	36.44 0.52 0.00	35.10 0.48 0.00	38.18 0.57 0.00	43.83 0.63 0.00	67.87 1.18 0.00	73.51 1.26 0.00	68.85 0.93 0.00	74.85 0.83 0.00	59.32 0.70 0.00	48.58 0.56 0.00	49.24 0.61 0.00	50.55 0.61 0.00	52.63 0.71 0.00	56.55 0.71 0.00	64.51 0.84 0.00	57.60 1.14 0.00	62.84 1.47 0.00	55.00 1.29 0.00	73.43 0.95 0.00	79.33 0.96 0.00	67.44 0.85 0.00
CRESCENT___HYD 24018	37.08 0.61 0.00	36.77 0.62 0.00	37.70 0.67 0.00	36.58 0.66 0.00	35.15 0.54 0.00	38.30 0.69 0.00	44.05 0.85 0.00	68.27 1.58 0.00	73.93 1.68 0.00	68.96 1.04 0.00	74.93 0.90 0.00	59.12 0.51 0.00	48.47 0.44 0.00	49.11 0.47 0.00	50.49 0.55 0.00	52.42 0.50 0.00	56.60 0.75 0.00	64.92 1.25 0.00	57.82 1.36 0.00	62.82 1.44 0.00	54.96 1.24 0.00	73.69 1.21 0.00	79.50 1.14 0.00	67.55 0.96 0.00
CRICKET___VALLEY_CC1 323756	37.15 0.69 0.00	36.67 0.52 0.00	37.55 0.52 0.00	36.45 0.54 0.00	35.09 0.48 0.00	38.22 0.61 0.00	44.00 0.80 0.00	68.28 1.59 0.00	74.04 1.80 0.00	69.16 1.24 0.00	74.98 0.96 0.00	59.32 0.71 0.00	48.58 0.55 0.00	49.24 0.61 0.00	50.53 0.58 0.00	52.61 0.69 0.00	56.66 0.81 0.00	64.84 1.17 0.00	57.98 1.52 0.00	63.12 1.75 0.00	55.29 1.58 0.00	73.74 1.26 0.00	79.72 1.36 0.00	67.78 1.19 0.00
CRICKET___VALLEY_CC2 323757	37.15 0.69 0.00	36.67 0.52 0.00	37.55 0.52 0.00	36.45 0.54 0.00	35.09 0.48 0.00	38.22 0.61 0.00	44.00 0.80 0.00	68.28 1.59 0.00	74.04 1.80 0.00	69.16 1.24 0.00	74.98 0.96 0.00	59.32 0.71 0.00	48.58 0.55 0.00	49.24 0.61 0.00	50.53 0.58 0.00	52.61 0.69 0.00	56.66 0.81 0.00	64.84 1.17 0.00	57.98 1.52 0.00	63.12 1.75 0.00	55.29 1.58 0.00	73.74 1.26 0.00	79.72 1.36 0.00	67.78 1.19 0.00
CRICKET___VALLEY_CC3 323758	37.15 0.69 0.00	36.67 0.52 0.00	37.55 0.52 0.00	36.45 0.54 0.00	35.09 0.48 0.00	38.22 0.61 0.00	44.00 0.80 0.00	68.28 1.59 0.00	74.04 1.80 0.00	69.16 1.24 0.00	74.98 0.96 0.00	59.32 0.71 0.00	48.58 0.55 0.00	49.24 0.61 0.00	50.53 0.58 0.00	52.61 0.69 0.00	56.66 0.81 0.00	64.84 1.17 0.00	57.98 1.52 0.00	63.12 1.75 0.00	55.29 1.58 0.00	73.74 1.26 0.00	79.72 1.36 0.00	67.78 1.19 0.00
CRUCIBLE_METL_DRP 24180	36.47 0.01 0.00	36.20 0.04 0.00	37.05 0.02 0.00	35.92 0.01 0.00	34.72 0.10 0.00	37.70 0.10 0.00	43.41 0.22 0.00	67.20 0.52 0.00	72.72 0.48 0.00	68.42 0.49 0.00	74.58 0.55 0.00	59.05 0.44 0.00	48.35 0.32 0.00	48.92 0.29 0.00	50.22 0.28 0.00	52.17 0.25 0.00	56.08 0.23 0.00	63.83 0.16 0.00	56.76 0.30 0.00	61.79 0.41 0.00	54.07 0.35 0.00	72.69 0.21 0.00	78.56 0.20 0.00	66.79 0.20 0.00
DAHOWA___HYDRO 323763	37.70 1.24 0.00	37.32 1.17 0.00	38.26 1.23 0.00	37.12 1.20 0.00	35.75 1.13 0.00	38.99 1.38 0.00	44.98 1.78 0.00	69.83 3.14 0.00	75.68 3.44 0.00	70.28 2.36 0.00	76.43 2.40 0.00	60.26 1.65 0.00	49.39 1.37 0.00	49.96 1.33 0.00	51.29 1.35 0.00	53.26 1.34 0.00	57.65 1.81 0.00	66.28 2.61 0.00	59.05 2.59 0.00	64.14 2.76 0.00	56.09 2.38 0.00	75.08 2.60 0.00	80.94 2.58 0.00	68.72 2.13 0.00
DANC___LFGE 323619	35.99 -0.48 0.00	35.73 -0.42 0.00	36.74 -0.29 0.00	35.73 -0.18 0.00	34.54 -0.08 0.00	37.65 0.04 0.00	43.41 0.21 0.00	67.36 0.67 0.00	72.92 0.68 0.00	68.54 0.61 0.00	74.96 0.93 0.00	59.00 0.38 0.00	48.33 0.31 0.00	48.99 0.36 0.00	50.31 0.37 0.00	52.38 0.46 0.00	56.33 0.48 0.00	64.46 0.79 0.00	57.24 0.77 0.00	62.33 0.95 0.00	54.49 0.77 0.00	73.47 0.99 0.00	79.31 0.95 0.00	67.19 0.60 0.00
DANSKAMMER___1 23586	37.85 1.39 0.00	37.35 1.20 0.00	38.23 1.20 0.00	37.12 1.21 0.00	35.75 1.13 0.00	38.93 1.32 0.00	44.79 1.59 0.00	69.44 2.76 0.00	75.30 3.06 0.00	70.46 2.53 0.00	76.58 2.56 0.00	60.65 2.04 0.00	49.64 1.61 0.00	50.29 1.66 0.00	51.62 1.68 0.00	53.77 1.86 0.00	57.80 1.95 0.00	65.99 2.33 0.00	59.00 2.54 0.00	64.33 2.95 0.00	56.34 2.63 0.00	75.12 2.64 0.00	81.11 2.75 0.00	68.90 2.31 0.00
DANSKAMMER___2 23589	37.85 1.39 0.00	37.35 1.20 0.00	38.23 1.20 0.00	37.12 1.21 0.00	35.75 1.13 0.00	38.93 1.32 0.00	44.79 1.59 0.00	69.44 2.76 0.00	75.30 3.06 0.00	70.46 2.53 0.00	76.58 2.56 0.00	60.65 2.04 0.00	49.64 1.61 0.00	50.29 1.66 0.00	51.62 1.68 0.00	53.77 1.86 0.00	57.80 1.95 0.00	65.99 2.33 0.00	59.00 2.54 0.00	64.33 2.95 0.00	56.34 2.63 0.00	75.12 2.64 0.00	81.11 2.75 0.00	68.90 2.31 0.00
DANSKAMMER___3 23590	37.85 1.39 0.00	37.35 1.20 0.00	38.23 1.20 0.00	37.12 1.21 0.00	35.75 1.13 0.00	38.93 1.32 0.00	44.79 1.59 0.00	69.44 2.76 0.00	75.30 3.06 0.00	70.46 2.53 0.00	76.58 2.56 0.00	60.65 2.04 0.00	49.64 1.61 0.00	50.29 1.66 0.00	51.62 1.68 0.00	53.77 1.86 0.00	57.80 1.95 0.00	65.99 2.33 0.00	59.00 2.54 0.00	64.33 2.95 0.00	56.34 2.63 0.00	75.12 2.64 0.00	81.11 2.75 0.00	68.90 2.31 0.00

DANSKAMMER___4 23591	37.85 1.39 0.00	37.35 1.20 0.00	38.23 1.20 0.00	37.12 1.21 0.00	35.75 1.13 0.00	38.93 1.32 0.00	44.79 1.59 0.00	69.44 2.76 0.00	75.30 3.06 0.00	70.46 2.53 0.00	76.58 2.56 0.00	60.65 2.04 0.00	49.64 1.61 0.00	50.29 1.66 0.00	51.62 1.68 0.00	53.77 1.86 0.00	57.80 1.95 0.00	65.99 2.33 0.00	59.00 2.54 0.00	64.33 2.95 0.00	56.34 2.63 0.00	75.12 2.64 0.00	81.11 2.75 0.00	68.90 2.31 0.00
DANSKAMMER___DIESEL 23592	37.85 1.39 0.00	37.36 1.21 0.00	38.23 1.20 0.00	37.12 1.21 0.00	35.75 1.14 0.00	38.93 1.32 0.00	44.79 1.59 0.00	69.45 2.76 0.00	75.30 3.06 0.00	70.48 2.55 0.00	76.59 2.56 0.00	60.65 2.04 0.00	49.64 1.62 0.00	50.29 1.66 0.00	51.62 1.68 0.00	53.77 1.86 0.00	57.80 1.96 0.00	65.99 2.33 0.00	59.01 2.54 0.00	64.33 2.95 0.00	56.35 2.64 0.00	75.11 2.63 0.00	81.11 2.75 0.00	68.90 2.31 0.00
DARBY___SOLAR 323810	37.66 1.20 0.00	37.30 1.14 0.00	38.23 1.20 0.00	37.09 1.18 0.00	35.71 1.10 0.00	38.94 1.33 0.00	44.90 1.70 0.00	69.67 2.98 0.00	75.48 3.23 0.00	70.17 2.25 0.00	76.28 2.26 0.00	60.17 1.56 0.00	49.32 1.29 0.00	49.87 1.24 0.00	51.21 1.27 0.00	53.17 1.25 0.00	57.52 1.68 0.00	66.08 2.41 0.00	58.89 2.43 0.00	63.97 2.59 0.00	55.96 2.25 0.00	74.96 2.48 0.00	80.81 2.45 0.00	68.64 2.05 0.00
DASHVILLE___HYD 23610	37.57 1.11 0.00	37.09 0.94 0.00	37.97 0.94 0.00	36.85 0.93 0.00	35.50 0.88 0.00	38.64 1.03 0.00	44.46 1.27 0.00	68.91 2.22 0.00	74.71 2.46 0.00	70.07 2.14 0.00	76.32 2.29 0.00	60.21 1.59 0.00	49.26 1.24 0.00	49.91 1.28 0.00	51.22 1.28 0.00	53.34 1.42 0.00	57.38 1.54 0.00	65.46 1.79 0.00	58.50 2.04 0.00	63.75 2.37 0.00	55.84 2.13 0.00	74.50 2.03 0.00	80.50 2.13 0.00	68.42 1.83 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	36.58 2.02 1.90	37.44 1.29 0.00	38.22 1.19 0.00	37.06 1.14 0.00	34.72 0.11 0.00	35.38 -0.29 1.94	36.27 0.13 7.06	67.63 0.94 0.00	44.20 0.36 28.41	20.73 0.65 47.85	50.08 -0.22 23.71	47.65 -0.19 10.78	17.41 -0.38 30.23	11.28 -0.86 36.49	20.04 -0.98 28.92	17.51 -0.73 33.68	20.29 -0.64 34.91	64.68 1.02 0.00	57.94 1.49 0.00	30.08 1.07 32.37	54.13 1.01 0.59	57.13 -0.24 15.11	57.15 -0.90 20.32	52.78 -1.07 12.74
DELAWARE___LFGE 323621	37.28 0.81 0.00	36.93 0.78 0.00	37.84 0.81 0.00	36.73 0.81 0.00	35.44 0.82 0.00	38.52 0.91 0.00	44.29 1.10 0.00	68.48 1.79 0.00	74.28 2.03 0.00	69.68 1.75 0.00	75.93 1.91 0.00	60.14 1.52 0.00	49.32 1.29 0.00	49.93 1.31 0.00	51.19 1.25 0.00	53.22 1.31 0.00	57.15 1.30 0.00	65.04 1.37 0.00	57.92 1.46 0.00	63.18 1.80 0.00	55.32 1.61 0.00	74.21 1.73 0.00	80.20 1.84 0.00	68.19 1.60 0.00
DERFIELD_115KV_TB7 355931	36.41 -0.05 0.00	36.10 -0.06 0.00	36.99 -0.04 0.00	35.88 -0.04 0.00	34.58 -0.03 0.00	37.61 0.00 0.00	43.22 0.03 0.00	66.84 0.15 0.00	72.43 0.18 0.00	67.95 0.02 0.00	73.97 -0.05 0.00	58.56 -0.06 0.00	47.94 -0.09 0.00	48.58 -0.05 0.00	49.89 -0.05 0.00	51.86 -0.06 0.00	55.79 -0.06 0.00	63.67 0.00 0.00	56.59 0.13 0.00	61.56 0.19 0.00	53.88 0.17 0.00	72.48 0.00 0.00	78.35 -0.01 0.00	66.59 0.00 0.00
DOGLEVILLE___HYD 23807	35.75 -0.72 0.00	35.39 -0.76 0.00	36.27 -0.76 0.00	35.27 -0.65 0.00	33.92 -0.70 0.00	37.05 -0.55 0.00	42.73 -0.47 0.00	66.47 -0.22 0.00	72.14 -0.10 0.00	66.68 -1.25 0.00	71.77 -2.25 0.00	56.45 -2.17 0.00	46.14 -1.88 0.00	46.42 -2.21 0.00	47.79 -2.15 0.00	49.17 -2.74 0.00	53.16 -2.69 0.00	61.66 -2.00 0.00	55.76 -0.70 0.00	60.78 -0.60 0.00	53.20 -0.51 0.00	70.97 -1.51 0.00	76.18 -2.18 0.00	64.83 -1.76 0.00
DUNKIRK___115KV_TB_200 55889	37.39 0.93 0.00	37.41 1.26 0.00	38.16 1.13 0.00	36.79 0.87 0.00	35.76 1.15 0.00	38.46 0.86 0.00	44.02 0.82 0.00	68.43 1.74 0.00	73.96 1.72 0.00	70.46 2.53 0.00	77.28 3.26 0.00	61.18 2.57 0.00	49.88 1.86 0.00	50.06 1.43 0.00	51.35 1.41 0.00	53.16 1.24 0.00	56.93 1.08 0.00	64.31 0.64 0.00	57.40 0.94 0.00	62.55 1.17 0.00	54.73 1.02 0.00	73.65 1.17 0.00	79.72 1.37 0.00	67.57 0.98 0.00
DUNKIRK___1 23563	37.39 0.93 0.00	37.41 1.26 0.00	38.16 1.13 0.00	36.79 0.87 0.00	35.76 1.15 0.00	38.46 0.86 0.00	44.02 0.82 0.00	68.43 1.74 0.00	73.96 1.72 0.00	70.46 2.53 0.00	77.28 3.26 0.00	61.18 2.57 0.00	49.88 1.86 0.00	50.06 1.43 0.00	51.35 1.41 0.00	53.16 1.24 0.00	56.93 1.08 0.00	64.31 0.64 0.00	57.40 0.94 0.00	62.55 1.17 0.00	54.73 1.02 0.00	73.65 1.17 0.00	79.72 1.37 0.00	67.57 0.98 0.00
DUNKIRK___2 23564	37.39 0.93 0.00	37.41 1.26 0.00	38.16 1.13 0.00	36.79 0.87 0.00	35.76 1.15 0.00	38.46 0.86 0.00	44.02 0.82 0.00	68.43 1.74 0.00	73.96 1.72 0.00	70.46 2.53 0.00	77.28 3.26 0.00	61.18 2.57 0.00	49.88 1.86 0.00	50.06 1.43 0.00	51.35 1.41 0.00	53.16 1.24 0.00	56.93 1.08 0.00	64.31 0.64 0.00	57.40 0.94 0.00	62.55 1.17 0.00	54.73 1.02 0.00	73.65 1.17 0.00	79.72 1.37 0.00	67.57 0.98 0.00
DUNKIRK___3 23565	37.15 0.68 0.00	37.16 1.00 0.00	37.91 0.88 0.00	36.54 0.62 0.00	35.52 0.91 0.00	38.18 0.57 0.00	43.65 0.46 0.00	67.83 1.14 0.00	73.32 1.07 0.00	69.84 1.92 0.00	76.64 2.62 0.00	60.68 2.06 0.00	49.49 1.47 0.00	49.71 1.08 0.00	51.01 1.07 0.00	52.80 0.88 0.00	56.52 0.68 0.00	63.84 0.17 0.00	56.94 0.48 0.00	62.03 0.65 0.00	54.32 0.61 0.00	73.10 0.62 0.00	79.21 0.85 0.00	67.16 0.57 0.00
DUNKIRK___4 23566	37.15 0.68 0.00	37.16 1.00 0.00	37.91 0.88 0.00	36.54 0.62 0.00	35.52 0.91 0.00	38.18 0.57 0.00	43.65 0.46 0.00	67.83 1.14 0.00	73.32 1.07 0.00	69.84 1.92 0.00	76.64 2.62 0.00	60.68 2.06 0.00	49.49 1.47 0.00	49.71 1.08 0.00	51.01 1.07 0.00	52.80 0.88 0.00	56.52 0.68 0.00	63.84 0.17 0.00	56.94 0.48 0.00	62.03 0.65 0.00	54.32 0.61 0.00	73.10 0.62 0.00	79.21 0.85 0.00	67.16 0.57 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.83 1.37 0.00	37.30 1.15 0.00	38.13 1.10 0.00	37.03 1.11 0.00	35.63 1.02 0.00	38.78 1.17 0.00	44.61 1.42 0.00	69.20 2.51 0.00	75.15 2.90 0.00	70.34 2.41 0.00	76.41 2.39 0.00	60.60 1.98 0.00	49.61 1.59 0.00	50.29 1.66 0.00	51.62 1.68 0.00	53.76 1.84 0.00	57.75 1.90 0.00	65.90 2.23 0.00	58.90 2.44 0.00	64.24 2.86 0.00	56.29 2.58 0.00	74.98 2.50 0.00	81.02 2.66 0.00	68.89 2.30 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.58 1.12 0.00	37.10 0.95 0.00	37.97 0.94 0.00	36.88 0.96 0.00	35.51 0.90 0.00	38.66 1.06 0.00	44.44 1.24 0.00	68.87 2.18 0.00	74.62 2.37 0.00	69.88 1.95 0.00	75.93 1.91 0.00	60.17 1.55 0.00	49.26 1.23 0.00	49.93 1.30 0.00	51.24 1.30 0.00	53.36 1.45 0.00	57.35 1.51 0.00	65.43 1.77 0.00	58.50 2.03 0.00	63.81 2.44 0.00	55.87 2.16 0.00	74.50 2.02 0.00	80.47 2.11 0.00	68.37 1.78 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	37.86 1.40 0.00	37.35 1.19 -0.01	38.20 1.17 0.00	37.11 1.20 0.00	35.72 1.11 0.00	38.89 1.28 0.00	44.73 1.53 0.00	69.47 2.78 0.00	75.91 3.37 -0.29	70.72 2.78 -0.01	76.80 2.77 0.00	60.84 2.21 -0.01	49.75 1.73 0.00	50.45 1.82 -0.01	51.79 1.84 -0.01	53.98 2.05 -0.01	58.31 2.15 -0.31	66.08 2.41 -0.01	59.05 2.58 0.00	64.42 3.04 0.00	56.52 2.81 0.00	75.35 2.87 0.00	81.46 3.10 0.00	69.10 2.51 0.00
E179THST_13_KV_LOAD 356214	38.01 1.56 0.00	37.50 1.34 -0.01	38.34 1.31 0.00	37.24 1.32 0.00	35.85 1.24 0.00	39.03 1.42 0.00	44.91 1.71 0.00	69.80 3.11 0.00	76.27 3.73 -0.29	71.06 3.12 -0.01	77.19 3.16 0.00	61.15 2.52 -0.01	50.01 1.99 0.00	50.70 2.07 -0.01	52.04 2.10 -0.01	54.25 2.33 -0.01	58.60 2.45 -0.31	66.41 2.73 -0.01	59.34 2.88 0.00	64.75 3.37 0.00	56.80 3.08 0.00	75.71 3.23 0.00	81.82 3.46 0.00	69.40 2.81 0.00
EAST HAMPTON___GT 23717	36.70 2.14 1.90	37.39 1.24 0.00	38.29 1.26 0.00	37.17 1.25 0.00	34.39 -0.22 0.00	34.83 -0.84 1.94	35.93 -0.21 7.06	67.31 0.62 0.00	43.84 0.01 28.41	20.43 0.34 47.85	49.62 -0.68 23.71	46.98 -0.86 10.78	16.73 -1.06 30.23	10.47 -1.67 36.49	19.10 -1.92 28.91	16.51 -1.72 33.68	19.21 -1.73 34.91	63.51 -0.15 0.00	56.95 0.49 0.00	28.93 -0.08 32.37	53.13 0.01 0.59	55.76 -1.61 15.11	55.62 -2.42 20.32	51.48 -2.37 12.74
EAST RIVER___6 23660	37.99 1.53 0.00	37.45 1.30 0.00	38.30 1.27 0.00	37.21 1.30 0.00	35.82 1.21 0.00	39.00 1.40 0.00	44.88 1.68 0.00	69.62 2.93 0.00	75.65 3.41 0.00	70.81 2.89 0.00	76.95 2.93 0.00	61.03 2.41 0.00	49.94 1.92 0.00	50.63 2.00 0.00	51.98 2.04 0.00	54.16 2.24 0.00	58.12 2.27 0.00	66.28 2.61 0.00	59.24 2.77 0.00	64.64 3.26 0.00	56.73 3.02 0.00	75.51 3.04 0.00	81.59 3.23 0.00	69.36 2.77 0.00
EAST RIVER___7 23524	37.99 1.53 0.00	37.45 1.30 0.00	38.30 1.27 0.00	37.21 1.30 0.00	35.82 1.21 0.00	39.00 1.40 0.00	44.88 1.68 0.00	69.62 2.93 0.00	75.65 3.41 0.00	70.81 2.89 0.00	76.95 2.93 0.00	61.03 2.41 0.00	49.94 1.92 0.00	50.63 2.00 0.00	51.98 2.04 0.00	54.16 2.24 0.00	58.12 2.27 0.00	66.28 2.61 0.00	59.24 2.77 0.00	64.64 3.26 0.00	56.73 3.02 0.00	75.51 3.04 0.00	81.59 3.23 0.00	69.36 2.77 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.73 1.26 0.00	37.21 1.06 0.00	38.06 1.03 0.00	36.96 1.05 0.00	35.57 0.96 0.00	38.72 1.11 0.00	44.53 1.33 0.00	69.06 2.37 0.00	74.93 2.69 0.00	70.14 2.21 0.00	76.19 2.17 0.00	60.40 1.78 0.00	49.45 1.43 0.00	50.14 1.51 0.00	51.47 1.53 0.00	53.60 1.68 0.00	57.59 1.74 0.00	65.72 2.05 0.00	58.74 2.28 0.00	64.07 2.70 0.00	56.13 2.42 0.00	74.77 2.30 0.00	80.79 2.43 0.00	68.69 2.10 0.00
EAST_HAMPTON___DIESEL 23722	36.68 2.12 1.90	37.36 1.21 0.00	38.26 1.23 0.00	37.14 1.22 0.00	34.31 -0.31 0.00	34.72 -0.95 1.94	35.84 -0.30 7.06	67.20 0.51 0.00	43.71 -0.12 28.41	20.32 0.23 47.85	49.48 -0.83 23.71	46.86 -0.98 10.78	16.61 -1.18 30.23	10.32 -1.82 36.49	18.94 -2.09 28.91	16.33 -1.91 33.68	19.00 -1.93 34.91	63.30 -0.37 0.00	56.74 0.28 0.00	28.72 -0.28 32.37	52.94 -0.18 0.59	55.51 -1.87 15.11	55.35 -2.70 20.32	51.22 -2.63 12.74
EAST_POINT___SOLAR 323840	38.98 2.52 0.00	38.56 2.41 0.00	39.51 2.49 0.00	38.33 2.41 0.00	37.07 2.45 0.00	40.38 2.78 0.00	46.73 3.54 0.00	72.57 5.89 0.00	78.37 6.12 0.00	73.04 5.12 0.00	78.84 4.82 0.00	61.88 3.26 0.00	50.66 2.63 0.00	50.57 1.94 0.00	52.65 2.71 0.00	53.87 1.95 0.00	57.07 1.22 0.00	66.78 3.11 0.00	60.27 3.81 0.00	66.20 4.82 0.00	57.91 4.20 0.00	78.05 5.57 0.00	84.26 5.90 0.00	71.50 4.91 0.00
EAST_PULASKI___ESR 323781	36.03 -0.44 0.00	35.74 -0.42 0.00	36.62 -0.41 0.00	35.55 -0.36 0.00	34.34 -0.28 0.00	37.37 -0.24 0.00	42.99 -0.20 0.00	66.66 -0.03 0.00	72.15 -0.09 0.00	67.87 -0.05 0.00	74.11 0.09 0.00	58.52 -0.10 0.00	47.92 -0.10 0.00	48.51 -0.13 0.00	49.78 -0.16 0.00	51.79 -0.13 0.00	55.65 -0.20 0.00	63.54 -0.13 0.00	56.47 0.00 0.00	61.47 0.09 0.00	53.78 0.06 0.00	72.42 -0.06 0.00	78.30 -0.06 0.00	66.44 -0.15 0.00
EAST_RIVER___1 323558	37.92 1.46 0.00	37.40 1.24 0.00	38.23 1.20 0.00	37.16 1.24 0.00	35.76 1.15 0.00	38.94 1.34 0.00	44.79 1.59 0.00	69.49 2.80 0.00	75.51 3.26 0.00	70.65 2.72 0.00	76.78 2.76 0.00	60.90 2.28 0.00	49.83 1.81 0.00	50.53 1.90 0.00	51.87 1.93 0.00	54.04 2.12 0.00	58.00 2.16 0.00	66.14 2.48 0.00	59.12 2.66 0.00	64.52 3.14 0.00	56.60 2.89 0.00	75.36 2.88 0.00	81.43 3.07 0.00	69.23 2.64 0.00
EAST_RIVER___2 323559	37.99 1.53 0.00	37.45 1.30 0.00	38.30 1.27 0.00	37.21 1.30 0.00	35.82 1.21 0.00	39.00 1.40 0.00	44.88 1.68 0.00	69.62 2.93 0.00	75.65 3.41 0.00	70.81 2.89 0.00	76.95 2.93 0.00	61.03 2.41 0.00	49.94 1.92 0.00	50.63 2.00 0.00	51.98 2.04 0.00	54.16 2.24 0.00	58.12 2.27 0.00	66.28 2.61 0.00	59.24 2.77 0.00	64.64 3.26 0.00	56.73 3.02 0.00	75.51 3.04 0.00	81.59 3.23 0.00	69.36 2.77 0.00
EAST___DELAWARE_HYD 23607	38.46 1.99 0.00	38.00 1.85 0.00	38.94 1.91 0.00	37.82 1.90 0.00	36.45 1.84 0.00	39.69 2.08 0.00	45.64 2.45 0.00	70.69 4.01 0.00	76.51 4.27 0.00	71.74 3.81 0.00	78.01 3.99 0.00	61.79 3.17 0.00	50.57 2.55 0.00	51.03 2.40 0.00	52.12 2.18 0.00	54.16 2.24 0.00	58.25 2.41 0.00	66.48 2.82 0.00	59.43 2.97 0.00	64.86 3.49 0.00	56.76 3.06 0.00	75.75 3.27 0.00	81.73 3.37 0.00	69.41 2.82 0.00
EIGHT_POINT___WT_PWR 323820	35.53 -0.93 0.00	35.85 -0.31 0.00	36.79 -0.24 0.00	35.90 -0.01 0.00	34.64 0.03 0.00	37.64 0.04 0.00	43.43 0.24 0.00	67.84 1.15 0.00	73.60 1.35 0.00	69.64 1.71 0.00	76.16 2.13 0.00	60.62 2.00 0.00	49.56 1.53 0.00	50.02 1.39 0.00	51.64 1.71 0.00	53.67 1.75 0.00	57.45 1.60 0.00	64.85 1.18 0.00	57.88 1.42 0.00	63.17 1.79 0.00	55.26 1.55 0.00	74.01 1.53 0.00	79.86 1.50 0.00	67.72 1.13 0.00
ELBRIDGE_115KV_TB2 80188	36.31 -0.16 0.00	36.03 -0.12 0.00	36.88 -0.15 0.00	35.76 -0.15 0.00	34.59 -0.02 0.00	37.51 -0.09 0.00	43.20 0.00 0.00	66.87 0.18 0.00	72.36 0.12 0.00	68.09 0.16 0.00	74.23 0.21 0.00	58.77 0.16 0.00	48.12 0.10 0.00	48.68 0.05 0.00	49.95 0.01 0.00	51.89 -0.03 0.00	55.76 -0.09 0.00	63.44 -0.22 0.00	56.43 -0.03 0.00	61.45 0.07 0.00	53.76 0.05 0.00	72.33 -0.15 0.00	78.14 -0.22 0.00	66.48 -0.11 0.00
ELEC_TRO_TEK 24086	47.03 1.61 -8.96	37.38 1.20 -0.02	38.04 1.00 -0.01	36.90 0.98 0.00	35.31 0.70 0.00	37.99 0.71 0.32	42.88 0.85 1.17	68.43 1.74 0.00	70.15 1.84 3.93	62.68 1.56 6.81	71.74 1.46 3.75	61.10 1.59 -0.90	48.85 1.15 0.32	52.76 1.12 -3.02	47.02 1.06 3.98	48.39 1.22 4.76	56.69 1.29 0.44	65.52 1.84 -0.01	58.63 2.15 -0.01	70.03 2.46 -6.19	56.11 2.27 -0.13	74.79 1.69 -0.62	76.93 1.54 2.97	65.86 1.38 2.11

ELLENBURG_WT_PWR 323604	36.98 0.51 0.00	36.61 0.45 0.00	37.61 0.58 0.00	36.53 0.61 0.00	35.22 0.60 0.00	38.30 0.69 0.00	43.90 0.70 0.00	67.45 0.77 0.00	72.98 0.74 0.00	68.74 0.81 0.00	75.05 1.02 0.00	59.52 0.91 0.00	48.85 0.83 0.00	49.39 0.76 0.00	50.63 0.69 0.00	52.67 0.75 0.00	56.88 1.04 0.00	64.82 1.16 0.00	57.02 0.55 0.00	61.66 0.28 0.00	54.25 0.54 0.00	73.57 1.09 0.00	79.63 1.27 0.00	67.49 0.91 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.49 0.03 0.00	36.48 0.32 0.00	37.20 0.17 0.00	35.80 -0.12 0.00	34.78 0.17 0.00	37.36 -0.24 0.00	42.68 -0.52 0.00	66.19 -0.49 0.00	71.65 -0.60 0.00	68.42 0.49 0.00	75.31 1.28 0.00	59.62 1.01 0.00	48.61 0.59 0.00	48.84 0.21 0.00	50.07 0.14 0.00	51.82 -0.10 0.00	55.43 -0.41 0.00	62.57 -1.10 0.00	55.71 -0.75 0.00	60.63 -0.75 0.00	53.22 -0.50 0.00	71.79 -0.69 0.00	78.02 -0.34 0.00	66.15 -0.44 0.00
EMPIRE_CC_1 323656	37.04 0.57 0.00	36.76 0.60 0.00	37.69 0.66 0.00	36.58 0.67 0.00	35.13 0.52 0.00	38.24 0.64 0.00	43.93 0.73 0.00	68.05 1.36 0.00	73.69 1.44 0.00	68.79 0.86 0.00	74.72 0.70 0.00	58.99 0.37 0.00	48.37 0.35 0.00	49.07 0.44 0.00	50.46 0.52 0.00	52.36 0.45 0.00	56.51 0.66 0.00	64.76 1.09 0.00	57.67 1.21 0.00	62.63 1.25 0.00	54.79 1.08 0.00	73.45 0.97 0.00	79.31 0.95 0.00	67.40 0.81 0.00
EMPIRE_CC_2 323658	37.04 0.57 0.00	36.76 0.60 0.00	37.69 0.66 0.00	36.58 0.67 0.00	35.13 0.52 0.00	38.24 0.64 0.00	43.93 0.73 0.00	68.05 1.36 0.00	73.69 1.44 0.00	68.79 0.86 0.00	74.72 0.70 0.00	58.99 0.37 0.00	48.37 0.35 0.00	49.07 0.44 0.00	50.46 0.52 0.00	52.36 0.45 0.00	56.51 0.66 0.00	64.76 1.09 0.00	57.67 1.21 0.00	62.63 1.25 0.00	54.79 1.08 0.00	73.45 0.97 0.00	79.31 0.95 0.00	67.40 0.81 0.00
ENORWICH_115KV_TB1 80156	37.38 0.91 0.00	37.32 1.17 0.00	38.39 1.37 0.00	37.37 1.46 0.00	36.23 1.62 0.00	39.57 1.96 0.00	45.81 2.61 0.00	71.08 4.39 0.00	77.07 4.83 0.00	72.29 4.37 0.00	79.39 5.36 0.00	62.92 4.31 0.00	51.83 3.80 0.00	52.13 3.50 0.00	53.52 3.58 0.00	56.04 4.12 0.00	60.25 4.41 0.00	68.54 4.87 0.00	61.27 4.81 0.00	67.05 5.67 0.00	58.67 4.96 0.00	78.48 6.00 0.00	84.62 6.26 0.00	71.74 5.15 0.00
ERIE_ST__34_KV_TB1-2 80199	37.01 0.54 0.00	36.98 0.83 0.00	37.73 0.70 0.00	36.32 0.40 0.00	35.31 0.70 0.00	37.93 0.32 0.00	43.38 0.19 0.00	67.38 0.69 0.00	72.95 0.70 0.00	69.60 1.68 0.00	76.51 2.49 0.00	60.61 1.99 0.00	49.41 1.39 0.00	49.73 1.11 0.00	50.95 1.00 0.00	52.74 0.82 0.00	56.49 0.64 0.00	63.83 0.16 0.00	56.81 0.34 0.00	61.77 0.40 0.00	54.22 0.50 0.00	73.06 0.59 0.00	79.22 0.85 0.00	67.12 0.53 0.00
ERIE_WT_PWR 323693	36.78 0.32 0.00	36.79 0.64 0.00	37.50 0.47 0.00	36.12 0.20 0.00	35.09 0.48 0.00	37.70 0.09 0.00	43.08 -0.12 0.00	66.84 0.15 0.00	72.33 0.09 0.00	69.06 1.14 0.00	76.00 1.98 0.00	60.17 1.55 0.00	49.06 1.04 0.00	49.33 0.70 0.00	50.51 0.57 0.00	52.23 0.32 0.00	55.94 0.09 0.00	63.22 -0.45 0.00	56.28 -0.18 0.00	61.23 -0.15 0.00	53.77 0.06 0.00	72.43 -0.04 0.00	78.68 0.32 0.00	66.72 0.13 0.00
ESPRGFLD_115KV_TB1 80157	38.32 1.85 0.00	37.94 1.79 0.00	38.90 1.87 0.00	37.74 1.82 0.00	36.53 1.92 0.00	39.71 2.11 0.00	45.83 2.63 0.00	70.96 4.28 0.00	76.88 4.64 0.00	72.22 4.29 0.00	78.76 4.74 0.00	62.34 3.72 0.00	51.08 3.06 0.00	51.54 2.91 0.00	52.82 2.88 0.00	54.96 3.04 0.00	58.69 2.85 0.00	66.93 3.26 0.00	59.69 3.23 0.00	65.20 3.82 0.00	57.02 3.31 0.00	76.81 4.34 0.00	82.99 4.63 0.00	70.53 3.94 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.10 0.63 0.00	36.85 0.70 0.00	37.73 0.70 0.00	36.60 0.68 0.00	35.42 0.80 0.00	38.45 0.84 0.00	44.29 1.09 0.00	68.67 1.98 0.00	74.24 2.00 0.00	69.74 1.82 0.00	76.18 2.16 0.00	60.27 1.65 0.00	49.45 1.43 0.00	49.94 1.31 0.00	51.27 1.33 0.00	53.34 1.42 0.00	57.33 1.48 0.00	65.20 1.54 0.00	58.08 1.62 0.00	63.32 1.94 0.00	55.41 1.69 0.00	74.33 1.85 0.00	80.24 1.87 0.00	68.13 1.54 0.00
ETNA____115KV_TB2 80207	37.10 0.63 0.00	36.85 0.70 0.00	37.73 0.70 0.00	36.60 0.68 0.00	35.42 0.80 0.00	38.45 0.84 0.00	44.29 1.09 0.00	68.67 1.98 0.00	74.24 2.00 0.00	69.74 1.82 0.00	76.18 2.16 0.00	60.27 1.65 0.00	49.45 1.43 0.00	49.94 1.31 0.00	51.27 1.33 0.00	53.34 1.42 0.00	57.33 1.48 0.00	65.20 1.54 0.00	58.08 1.62 0.00	63.32 1.94 0.00	55.41 1.69 0.00	74.33 1.85 0.00	80.24 1.87 0.00	68.13 1.54 0.00
EUCLID__115KV_TB2 356179	36.11 -0.35 0.00	35.83 -0.32 0.00	36.67 -0.36 0.00	35.56 -0.36 0.00	34.33 -0.28 0.00	37.29 -0.32 0.00	42.89 -0.30 0.00	66.39 -0.30 0.00	71.89 -0.36 0.00	67.62 -0.30 0.00	73.72 -0.30 0.00	58.37 -0.25 0.00	47.77 -0.25 0.00	48.34 -0.29 0.00	49.65 -0.29 0.00	51.59 -0.33 0.00	55.45 -0.40 0.00	63.12 -0.55 0.00	56.13 -0.34 0.00	61.08 -0.30 0.00	53.46 -0.25 0.00	71.89 -0.59 0.00	77.74 -0.62 0.00	66.08 -0.51 0.00
E_CANADA_CAP_HY 24051	38.55 2.08 0.00	38.15 2.00 0.00	39.10 2.07 0.00	37.92 2.01 0.00	36.69 2.08 0.00	39.92 2.31 0.00	46.09 2.90 0.00	71.45 4.76 0.00	77.31 5.07 0.00	72.50 4.57 0.00	78.83 4.81 0.00	62.25 3.63 0.00	50.91 2.89 0.00	51.21 2.58 0.00	52.61 2.67 0.00	54.65 2.73 0.00	58.08 2.24 0.00	66.78 3.11 0.00	59.78 3.32 0.00	65.32 3.94 0.00	57.10 3.39 0.00	77.18 4.70 0.00	83.50 5.14 0.00	70.89 4.30 0.00
E_CANADA_MHWK_HY 24050	35.75 -0.72 0.00	35.39 -0.76 0.00	36.27 -0.76 0.00	35.27 -0.65 0.00	33.92 -0.70 0.00	37.05 -0.55 0.00	42.73 -0.47 0.00	66.47 -0.22 0.00	72.14 -0.10 0.00	66.68 -1.25 0.00	71.77 -2.25 0.00	56.45 -2.17 0.00	46.14 -1.88 0.00	46.42 -2.21 0.00	47.79 -2.15 0.00	49.17 -2.74 0.00	53.16 -2.69 0.00	61.66 -2.00 0.00	55.76 -0.70 0.00	60.78 -0.60 0.00	53.20 -0.51 0.00	70.97 -1.51 0.00	76.18 -2.18 0.00	64.83 -1.76 0.00
E_FISHKILL__LBMP 23776	37.44 0.97 0.00	36.95 0.80 0.00	37.82 0.79 0.00	36.73 0.81 0.00	35.35 0.74 0.00	38.48 0.87 0.00	44.24 1.04 0.00	68.59 1.90 0.00	74.37 2.13 0.00	69.60 1.67 0.00	75.59 1.57 0.00	59.88 1.26 0.00	49.03 1.01 0.00	49.71 1.08 0.00	51.03 1.09 0.00	53.13 1.21 0.00	57.13 1.28 0.00	65.23 1.56 0.00	58.27 1.81 0.00	63.53 2.15 0.00	55.65 1.94 0.00	74.22 1.74 0.00	80.20 1.84 0.00	68.20 1.61 0.00
FALCON__SEABRD_CC1 323796	37.39 0.93 0.00	37.03 0.87 0.00	38.02 0.99 0.00	36.93 1.02 0.00	35.63 1.02 0.00	38.80 1.19 0.00	44.49 1.29 0.00	68.34 1.66 0.00	73.91 1.67 0.00	69.45 1.52 0.00	75.76 1.74 0.00	60.05 1.43 0.00	49.32 1.29 0.00	49.85 1.23 0.00	51.10 1.16 0.00	53.15 1.23 0.00	57.49 1.64 0.00	65.59 1.92 0.00	57.72 1.26 0.00	62.34 0.96 0.00	55.05 1.34 0.00	74.30 1.82 0.00	80.35 1.99 0.00	68.13 1.54 0.00

FALCON___SEABRD_CC2 323797	37.39 0.93 0.00	37.03 0.87 0.00	38.02 0.99 0.00	36.93 1.02 0.00	35.63 1.02 0.00	38.80 1.19 0.00	44.49 1.29 0.00	68.34 1.66 0.00	73.91 1.67 0.00	69.45 1.52 0.00	75.76 1.74 0.00	60.05 1.43 0.00	49.32 1.29 0.00	49.85 1.23 0.00	51.10 1.16 0.00	53.15 1.23 0.00	57.49 1.64 0.00	65.59 1.92 0.00	57.72 1.26 0.00	62.34 0.96 0.00	55.05 1.34 0.00	74.30 1.82 0.00	80.35 1.99 0.00	68.13 1.54 0.00
FAR ROCKAWAY___4 23548	63.04 2.11 -24.46	37.89 1.68 -0.06	38.54 1.47 -0.05	37.34 1.42 0.00	35.75 1.13 0.00	38.77 1.16 0.00	44.60 1.41 0.00	69.30 2.61 0.00	77.72 2.74 -2.74	74.32 2.44 -3.96	77.11 2.43 -0.66	68.30 2.43 -7.25	62.66 1.82 -12.81	75.23 1.76 -24.84	54.53 1.73 -2.86	56.72 1.90 -2.91	73.22 2.03 -15.35	66.43 2.73 -0.04	59.44 2.94 -0.04	96.27 3.34 -31.55	57.39 3.04 -0.63	83.86 2.65 -8.73	82.16 2.48 -1.31	68.78 2.19 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.89 1.42 0.00	37.36 1.20 0.00	38.20 1.17 0.00	37.12 1.20 0.00	35.73 1.12 0.00	38.90 1.29 0.00	44.75 1.55 0.00	69.42 2.73 0.00	75.36 3.12 0.00	70.55 2.63 0.00	76.67 2.64 0.00	60.81 2.19 0.00	49.77 1.75 0.00	50.45 1.82 0.00	51.78 1.84 0.00	53.95 2.03 0.00	57.91 2.06 0.00	66.06 2.39 0.00	59.04 2.58 0.00	64.45 3.07 0.00	56.53 2.82 0.00	75.25 2.77 0.00	81.35 2.99 0.00	69.16 2.57 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.96 1.49 0.00	37.42 1.27 0.00	38.26 1.23 0.00	37.17 1.26 0.00	35.79 1.18 0.00	38.97 1.36 0.00	44.82 1.63 0.00	69.55 2.86 0.00	75.51 3.26 0.00	70.68 2.76 0.00	76.82 2.79 0.00	60.93 2.31 0.00	49.85 1.83 0.00	50.55 1.92 0.00	51.87 1.93 0.00	54.06 2.14 0.00	58.01 2.17 0.00	66.17 2.50 0.00	59.15 2.69 0.00	64.57 3.19 0.00	56.64 2.93 0.00	75.39 2.92 0.00	81.50 3.14 0.00	69.27 2.68 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.91 1.45 0.00	37.38 1.23 0.00	38.22 1.20 0.00	37.14 1.23 0.00	35.75 1.14 0.00	38.93 1.32 0.00	44.78 1.59 0.00	69.47 2.78 0.00	75.43 3.19 0.00	70.62 2.69 0.00	76.74 2.72 0.00	60.87 2.25 0.00	49.82 1.79 0.00	50.50 1.87 0.00	51.84 1.90 0.00	54.00 2.09 0.00	57.97 2.12 0.00	66.13 2.46 0.00	59.10 2.64 0.00	64.50 3.12 0.00	56.58 2.87 0.00	75.30 2.82 0.00	81.41 3.05 0.00	69.20 2.61 0.00
FARRAGUT___LBMP 323566	37.89 1.42 0.00	37.36 1.20 0.00	38.20 1.17 0.00	37.12 1.20 0.00	35.73 1.12 0.00	38.90 1.29 0.00	44.75 1.55 0.00	69.42 2.73 0.00	75.36 3.12 0.00	70.55 2.63 0.00	76.67 2.64 0.00	60.81 2.19 0.00	49.77 1.75 0.00	50.45 1.82 0.00	51.78 1.84 0.00	53.95 2.03 0.00	57.91 2.06 0.00	66.06 2.39 0.00	59.04 2.58 0.00	64.45 3.07 0.00	56.53 2.82 0.00	75.25 2.77 0.00	81.35 2.99 0.00	69.16 2.57 0.00
FENNER___WINDPWR 24204	37.03 0.57 0.00	36.75 0.59 0.00	37.66 0.63 0.00	36.55 0.63 0.00	35.29 0.68 0.00	38.37 0.77 0.00	44.23 1.03 0.00	68.54 1.85 0.00	74.19 1.95 0.00	69.74 1.81 0.00	75.98 1.96 0.00	60.09 1.47 0.00	49.20 1.18 0.00	49.85 1.22 0.00	51.18 1.24 0.00	53.18 1.26 0.00	57.25 1.40 0.00	65.25 1.58 0.00	58.01 1.55 0.00	63.18 1.80 0.00	55.23 1.52 0.00	74.23 1.76 0.00	80.15 1.79 0.00	68.00 1.41 0.00
FIBERTEK___ENERGY 23856	36.47 0.01 0.00	36.20 0.04 0.00	37.05 0.02 0.00	35.92 0.01 0.00	34.72 0.10 0.00	37.70 0.10 0.00	43.41 0.22 0.00	67.20 0.52 0.00	72.72 0.48 0.00	68.42 0.49 0.00	74.58 0.55 0.00	59.05 0.44 0.00	48.35 0.32 0.00	48.92 0.29 0.00	50.22 0.28 0.00	52.17 0.25 0.00	56.08 0.23 0.00	63.83 0.16 0.00	56.76 0.30 0.00	61.79 0.41 0.00	54.07 0.35 0.00	72.69 0.21 0.00	78.56 0.20 0.00	66.79 0.20 0.00
FITZPATRICK____ 23598	35.62 -0.85 0.00	35.34 -0.81 0.00	36.18 -0.85 0.00	35.08 -0.84 0.00	33.85 -0.77 0.00	36.76 -0.84 0.00	42.26 -0.94 0.00	65.37 -1.32 0.00	70.78 -1.47 0.00	66.58 -1.35 0.00	72.61 -1.41 0.00	57.49 -1.13 0.00	47.06 -0.96 0.00	47.62 -1.01 0.00	48.90 -1.04 0.00	50.83 -1.09 0.00	54.63 -1.22 0.00	62.21 -1.45 0.00	55.26 -1.20 0.00	60.14 -1.24 0.00	52.63 -1.08 0.00	70.86 -1.62 0.00	76.68 -1.68 0.00	65.22 -1.37 0.00
FLOWRFLD_69_KV_BK1 356044	36.35 1.72 1.83	37.35 1.20 0.00	37.99 0.97 0.00	36.81 0.89 0.00	34.98 0.37 0.00	35.85 0.17 1.93	36.47 0.29 7.02	67.65 0.96 0.00	44.71 0.71 28.25	21.19 0.84 47.58	50.92 0.48 23.59	48.68 0.76 10.70	18.48 0.50 30.04	12.76 0.36 36.23	21.55 0.37 28.75	18.98 0.56 33.49	21.71 0.56 34.69	65.22 1.55 0.00	58.48 2.02 0.00	31.24 1.98 32.12	54.95 1.82 0.59	58.48 1.00 15.00	58.62 0.46 20.20	54.22 0.30 12.67
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.92 1.46 0.00	37.42 1.27 0.00	38.30 1.27 0.00	37.19 1.27 0.00	35.81 1.20 0.00	39.00 1.40 0.00	44.88 1.68 0.00	69.60 2.92 0.00	75.46 3.21 0.00	70.63 2.70 0.00	76.74 2.71 0.00	60.79 2.17 0.00	49.74 1.72 0.00	50.40 1.77 0.00	51.73 1.78 0.00	53.88 1.96 0.00	57.92 2.08 0.00	66.13 2.46 0.00	59.12 2.66 0.00	64.46 3.09 0.00	56.46 2.75 0.00	75.26 2.78 0.00	81.27 2.90 0.00	69.04 2.45 0.00
FORT ORANGE____ 23900	36.99 0.53 0.00	36.69 0.53 0.00	37.60 0.57 0.00	36.49 0.57 0.00	35.08 0.47 0.00	38.20 0.59 0.00	43.89 0.70 0.00	67.96 1.27 0.00	73.54 1.30 0.00	68.58 0.65 0.00	74.24 0.22 0.00	58.56 -0.05 0.00	48.00 -0.02 0.00	48.60 -0.03 0.00	50.09 0.15 0.00	52.06 0.15 0.00	56.24 0.40 0.00	64.41 0.74 0.00	57.37 0.91 0.00	62.34 0.96 0.00	54.54 0.83 0.00	73.09 0.61 0.00	78.88 0.52 0.00	67.02 0.43 0.00
FORT_DRUM_COGEN 23780	36.30 -0.16 0.00	36.06 -0.10 0.00	37.18 0.15 0.00	36.20 0.28 0.00	35.01 0.39 0.00	38.25 0.64 0.00	44.20 1.01 0.00	68.65 1.97 0.00	74.24 2.00 0.00	69.70 1.77 0.00	76.26 2.24 0.00	59.86 1.24 0.00	49.06 1.03 0.00	49.79 1.16 0.00	51.19 1.24 0.00	53.32 1.40 0.00	57.45 1.60 0.00	65.88 2.21 0.00	58.41 1.95 0.00	63.65 2.27 0.00	55.60 1.89 0.00	75.03 2.55 0.00	80.80 2.44 0.00	68.33 1.74 0.00
FOX_HILLS___ESR 323835	52.75 1.69 -14.59	51.94 1.50 -14.29	51.56 1.43 -13.10	50.97 1.42 -13.64	51.46 1.32 -15.52	51.97 1.51 -12.86	52.31 1.80 -7.31	83.01 3.04 -13.28	85.44 3.53 -9.66	90.50 3.03 -19.54	90.71 3.13 -13.56	89.38 2.60 -28.16	83.53 2.04 -33.48	89.38 2.14 -38.61	86.67 2.16 -34.56	84.72 2.34 -30.46	81.17 2.32 -23.00	80.32 2.67 -13.98	81.60 2.89 -22.25	89.39 3.43 -24.58	89.42 3.20 -32.51	89.95 3.12 -14.35	91.96 3.35 -10.25	82.07 2.95 -12.53
FPL FAR_ROCK_GT1 24212	63.03 2.11 -24.46	37.87 1.66 -0.06	38.54 1.47 -0.05	37.34 1.42 0.00	35.75 1.13 0.00	38.77 1.17 0.00	44.60 1.41 0.00	69.30 2.61 0.00	77.71 2.72 -2.74	74.25 2.36 -3.96	77.10 2.42 -0.66	68.29 2.42 -7.25	62.62 1.79 -12.81	75.22 1.76 -24.84	54.49 1.69 -2.86	56.70 1.87 -2.91	73.20 2.01 -15.35	66.44 2.73 -0.04	59.44 2.94 -0.04	96.27 3.33 -31.55	57.39 3.04 -0.63	83.85 2.63 -8.73	82.16 2.48 -1.31	68.78 2.19 0.00

FPL FAR_ROCK_GT2 23815	63.03 2.11 -24.46	37.87 1.66 -0.06	38.54 1.47 -0.05	37.34 1.42 0.00	35.75 1.13 0.00	38.77 1.17 0.00	44.60 1.41 0.00	69.30 2.61 0.00	77.71 2.72 -2.74	74.25 2.36 -3.96	77.10 2.42 -0.66	68.29 2.42 -7.25	62.62 1.79 -12.81	75.22 1.76 -24.84	54.49 1.69 -2.86	56.70 1.87 -2.91	73.20 2.01 -15.35	66.44 2.73 -0.04	59.44 2.94 -0.04	96.27 3.33 -31.55	57.39 3.04 -0.63	83.85 2.63 -8.73	82.16 2.48 -1.31	68.78 2.19 0.00
FRANKLIN_FALL_HYD 24054	37.12 0.65 0.00	36.76 0.61 0.00	37.74 0.72 0.00	36.64 0.73 0.00	35.33 0.72 0.00	38.43 0.82 0.00	44.09 0.89 0.00	67.76 1.07 0.00	73.36 1.12 0.00	69.21 1.28 0.00	75.57 1.55 0.00	60.01 1.39 0.00	49.27 1.24 0.00	49.70 1.07 0.00	50.94 1.00 0.00	53.00 1.09 0.00	57.15 1.30 0.00	65.11 1.44 0.00	57.24 0.79 0.00	61.97 0.59 0.00	54.71 1.00 0.00	74.07 1.60 0.00	80.00 1.64 0.00	67.72 1.13 0.00
FREEPORT_EQUS_GT1 23764	45.73 1.74 -7.53	37.46 1.30 -0.02	38.11 1.07 -0.01	36.95 1.03 0.00	35.32 0.71 0.00	37.27 0.68 1.01	40.34 0.81 3.67	68.41 1.72 0.00	60.16 1.80 13.88	45.83 1.49 23.59	63.34 1.44 12.12	56.93 1.58 3.26	37.41 1.10 11.71	38.50 1.07 11.20	36.86 1.02 14.10	36.52 1.17 16.57	43.77 1.23 13.31	65.59 1.91 -0.01	58.72 2.25 -0.01	56.93 2.52 6.96	55.94 2.33 0.11	69.11 1.74 5.11	69.79 1.57 10.14	61.38 1.41 6.63
FREEPORT___CT2 23818	45.73 1.74 -7.53	37.46 1.30 -0.02	38.11 1.07 -0.01	36.95 1.03 0.00	35.32 0.71 0.00	37.27 0.68 1.01	40.34 0.81 3.67	68.41 1.72 0.00	60.16 1.80 13.88	45.83 1.49 23.59	63.34 1.44 12.12	56.93 1.58 3.26	37.41 1.10 11.71	38.50 1.07 11.20	36.86 1.02 14.10	36.52 1.17 16.57	43.77 1.23 13.31	65.59 1.91 -0.01	58.72 2.25 -0.01	56.93 2.52 6.96	55.94 2.33 0.11	69.11 1.74 5.11	69.79 1.57 10.14	61.38 1.41 6.63
FRESHKLS_33_KV_LOAD 356253	52.70 1.64 -14.59	51.90 1.46 -14.29	51.51 1.38 -13.10	50.92 1.37 -13.64	51.41 1.27 -15.52	51.90 1.44 -12.86	52.21 1.70 -7.31	82.85 2.88 -13.28	85.24 3.34 -9.66	90.32 2.86 -19.54	90.55 2.96 -13.56	89.26 2.49 -28.16	83.40 1.91 -33.48	89.27 2.02 -38.61	86.54 2.04 -34.56	84.59 2.21 -30.46	81.06 2.21 -23.00	80.21 2.56 -13.98	81.52 2.81 -22.25	89.34 3.38 -24.58	89.41 3.19 -32.51	89.87 3.04 -14.35	91.89 3.27 -10.25	82.04 2.92 -12.53
FULTON COGEN____ 23766	35.91 -0.55 0.00	35.62 -0.54 0.00	36.47 -0.56 0.00	35.36 -0.55 0.00	34.14 -0.48 0.00	37.10 -0.50 0.00	42.69 -0.50 0.00	66.07 -0.62 0.00	71.54 -0.71 0.00	67.27 -0.66 0.00	73.35 -0.67 0.00	58.02 -0.59 0.00	47.50 -0.52 0.00	48.07 -0.56 0.00	49.37 -0.57 0.00	51.30 -0.62 0.00	55.17 -0.67 0.00	62.84 -0.83 0.00	55.86 -0.60 0.00	60.81 -0.57 0.00	53.22 -0.49 0.00	71.54 -0.94 0.00	77.36 -1.00 0.00	65.75 -0.84 0.00
FULTON___LFGE 323630	38.53 2.07 0.00	38.13 1.97 0.00	39.06 2.03 0.00	37.89 1.97 0.00	36.59 1.98 0.00	39.87 2.26 0.00	46.05 2.85 0.00	71.46 4.77 0.00	77.23 4.99 0.00	72.24 4.31 0.00	78.43 4.41 0.00	61.70 3.08 0.00	50.44 2.42 0.00	50.68 2.05 0.00	52.14 2.20 0.00	54.04 2.13 0.00	57.26 1.41 0.00	66.34 2.67 0.00	59.75 3.29 0.00	65.38 4.00 0.00	57.18 3.47 0.00	77.00 4.53 0.00	83.16 4.79 0.00	70.57 3.98 0.00
G.F.CEMENT___DRP 24184	38.09 1.62 0.00	37.65 1.50 0.00	38.60 1.57 0.00	37.46 1.55 0.00	36.12 1.50 0.00	39.42 1.81 0.00	45.56 2.36 0.00	70.84 4.15 0.00	76.85 4.61 0.00	71.17 3.24 0.00	77.43 3.41 0.00	61.01 2.39 0.00	50.04 2.01 0.00	50.63 2.00 0.00	51.92 1.99 0.00	53.92 2.00 0.00	58.40 2.56 0.00	67.11 3.44 0.00	59.79 3.33 0.00	64.88 3.50 0.00	56.75 3.04 0.00	75.88 3.40 0.00	81.71 3.35 0.00	69.45 2.86 0.00
GARDENVILLE___LBMP 24039	36.67 0.20 0.00	36.67 0.51 0.00	37.39 0.37 0.00	36.00 0.08 0.00	34.98 0.37 0.00	37.57 -0.03 0.00	42.94 -0.26 0.00	66.60 -0.09 0.00	72.09 -0.16 0.00	68.80 0.87 0.00	75.71 1.69 0.00	59.93 1.32 0.00	48.88 0.85 0.00	49.13 0.50 0.00	50.34 0.40 0.00	52.07 0.15 0.00	55.74 -0.10 0.00	62.96 -0.71 0.00	56.06 -0.40 0.00	61.01 -0.37 0.00	53.54 -0.17 0.00	72.21 -0.26 0.00	78.40 0.04 0.00	66.48 -0.11 0.00
GARDNVLA_35_KV_LD 355827	36.86 0.40 0.00	36.86 0.71 0.00	37.58 0.55 0.00	36.17 0.26 0.00	35.15 0.54 0.00	37.77 0.16 0.00	43.18 -0.02 0.00	66.98 0.29 0.00	72.54 0.30 0.00	69.25 1.32 0.00	76.23 2.20 0.00	60.35 1.73 0.00	49.21 1.18 0.00	49.45 0.82 0.00	50.59 0.66 0.00	52.27 0.35 0.00	56.03 0.19 0.00	63.35 -0.32 0.00	56.42 -0.04 0.00	61.37 -0.01 0.00	53.88 0.17 0.00	72.66 0.18 0.00	78.89 0.53 0.00	66.83 0.24 0.00
GELCKHM___115KV_LOAD 80723	36.24 -0.22 0.00	35.96 -0.19 0.00	36.81 -0.22 0.00	35.69 -0.22 0.00	34.47 -0.14 0.00	37.44 -0.17 0.00	43.08 -0.12 0.00	66.69 0.00 0.00	72.19 -0.05 0.00	67.91 -0.02 0.00	74.03 0.00 0.00	58.60 -0.02 0.00	47.98 -0.05 0.00	48.55 -0.08 0.00	49.85 -0.09 0.00	51.79 -0.12 0.00	55.67 -0.17 0.00	63.38 -0.30 0.00	56.36 -0.10 0.00	61.33 -0.05 0.00	53.68 -0.03 0.00	72.17 -0.31 0.00	78.03 -0.33 0.00	66.33 -0.26 0.00
GENERAL___MILLS 23808	36.77 0.31 0.00	36.77 0.62 0.00	37.48 0.45 0.00	36.09 0.17 0.00	35.07 0.46 0.00	37.67 0.06 0.00	43.06 -0.14 0.00	66.79 0.10 0.00	72.30 0.05 0.00	69.01 1.08 0.00	75.96 1.93 0.00	60.14 1.52 0.00	49.03 1.01 0.00	49.28 0.65 0.00	50.47 0.53 0.00	52.19 0.27 0.00	55.89 0.05 0.00	63.15 -0.51 0.00	56.25 -0.21 0.00	61.18 -0.20 0.00	53.71 0.00 0.00	72.44 -0.04 0.00	78.65 0.29 0.00	66.67 0.08 0.00
GE_PLASTICS___DRP 24183	36.79 0.32 0.00	36.47 0.32 0.00	37.38 0.35 0.00	36.28 0.37 0.00	34.89 0.28 0.00	37.97 0.36 0.00	43.61 0.41 0.00	67.47 0.78 0.00	73.06 0.82 0.00	68.29 0.36 0.00	74.17 0.15 0.00	58.60 -0.01 0.00	48.02 -0.01 0.00	48.67 0.04 0.00	50.07 0.12 0.00	52.04 0.12 0.00	56.12 0.28 0.00	64.19 0.52 0.00	57.15 0.69 0.00	62.09 0.71 0.00	54.35 0.64 0.00	72.86 0.38 0.00	78.71 0.34 0.00	66.90 0.31 0.00
GILBOA___1 23756	36.88 0.42 0.00	36.52 0.37 0.00	37.39 0.36 0.00	36.29 0.37 0.00	34.97 0.35 0.00	38.01 0.40 0.00	43.66 0.47 0.00	67.25 0.56 0.00	72.73 0.49 0.00	68.15 0.23 0.00	74.37 0.35 0.00	58.91 0.29 0.00	48.29 0.27 0.00	49.05 0.42 0.00	50.38 0.44 0.00	52.40 0.48 0.00	56.28 0.44 0.00	63.99 0.32 0.00	56.94 0.48 0.00	62.02 0.64 0.00	54.38 0.67 0.00	73.00 0.52 0.00	78.92 0.56 0.00	67.20 0.61 0.00
GILBOA___2 23757	36.88 0.42 0.00	36.52 0.37 0.00	37.39 0.36 0.00	36.29 0.37 0.00	34.97 0.35 0.00	38.01 0.40 0.00	43.66 0.47 0.00	67.25 0.56 0.00	72.73 0.49 0.00	68.15 0.23 0.00	74.37 0.35 0.00	58.91 0.29 0.00	48.29 0.27 0.00	49.05 0.42 0.00	50.38 0.44 0.00	52.40 0.48 0.00	56.28 0.44 0.00	63.99 0.32 0.00	56.94 0.48 0.00	62.02 0.64 0.00	54.38 0.67 0.00	73.00 0.52 0.00	78.92 0.56 0.00	67.20 0.61 0.00

GILBOA___3 23758	36.88 0.42 0.00	36.52 0.37 0.00	37.39 0.36 0.00	36.29 0.37 0.00	34.97 0.35 0.00	38.01 0.40 0.00	43.66 0.47 0.00	67.25 0.56 0.00	72.73 0.49 0.00	68.15 0.23 0.00	74.37 0.35 0.00	58.91 0.29 0.00	48.29 0.27 0.00	49.05 0.42 0.00	50.38 0.44 0.00	52.40 0.48 0.00	56.28 0.44 0.00	63.99 0.32 0.00	56.94 0.48 0.00	62.02 0.64 0.00	54.38 0.67 0.00	73.00 0.52 0.00	78.92 0.56 0.00	67.20 0.61 0.00
GILBOA___4 23759	36.88 0.42 0.00	36.52 0.37 0.00	37.39 0.36 0.00	36.29 0.37 0.00	34.97 0.35 0.00	38.01 0.40 0.00	43.66 0.47 0.00	67.25 0.56 0.00	72.73 0.49 0.00	68.15 0.23 0.00	74.37 0.35 0.00	58.91 0.29 0.00	48.29 0.27 0.00	49.05 0.42 0.00	50.38 0.44 0.00	52.40 0.48 0.00	56.28 0.44 0.00	63.99 0.32 0.00	56.94 0.48 0.00	62.02 0.64 0.00	54.38 0.67 0.00	73.00 0.52 0.00	78.92 0.56 0.00	67.20 0.61 0.00
GILBOA___ 23599	36.88 0.41 0.00	36.52 0.37 0.00	37.39 0.36 0.00	36.29 0.37 0.00	34.97 0.35 0.00	38.01 0.40 0.00	43.66 0.46 0.00	67.24 0.55 0.00	72.73 0.48 0.00	68.15 0.23 0.00	74.37 0.35 0.00	58.91 0.29 0.00	48.29 0.27 0.00	49.05 0.42 0.00	50.38 0.44 0.00	52.40 0.48 0.00	56.28 0.44 0.00	63.98 0.32 0.00	56.94 0.48 0.00	62.02 0.64 0.00	54.38 0.67 0.00	73.00 0.52 0.00	78.92 0.56 0.00	67.21 0.62 0.00
GINNA___ 23603	34.94 -1.52 0.00	34.73 -1.43 0.00	35.49 -1.54 0.00	34.31 -1.61 0.00	33.21 -1.40 0.00	35.97 -1.63 0.00	41.37 -1.83 0.00	64.13 -2.56 0.00	69.42 -2.83 0.00	65.68 -2.24 0.00	71.86 -2.16 0.00	56.90 -1.72 0.00	46.50 -1.52 0.00	46.89 -1.74 0.00	48.16 -1.78 0.00	50.01 -1.91 0.00	53.64 -2.21 0.00	60.85 -2.82 0.00	54.05 -2.41 0.00	58.84 -2.54 0.00	51.55 -2.16 0.00	69.31 -3.17 0.00	75.00 -3.36 0.00	63.63 -2.96 0.00
GLEN PARK___ 23778	36.41 -0.05 0.00	36.16 0.01 0.00	37.26 0.23 0.00	36.27 0.36 0.00	35.08 0.47 0.00	38.34 0.73 0.00	44.34 1.15 0.00	68.90 2.21 0.00	74.46 2.21 0.00	69.85 1.93 0.00	76.44 2.41 0.00	59.95 1.34 0.00	49.15 1.12 0.00	49.88 1.25 0.00	51.28 1.35 0.00	53.41 1.49 0.00	57.56 1.71 0.00	66.08 2.41 0.00	58.61 2.15 0.00	63.88 2.51 0.00	55.78 2.07 0.00	75.24 2.76 0.00	80.99 2.63 0.00	68.46 1.87 0.00
GLENDALE_27_KV_LOAD 356172	38.58 1.72 -0.40	37.66 1.50 -0.01	38.48 1.45 0.00	37.36 1.45 0.00	35.96 1.35 0.00	39.17 1.57 0.00	45.09 1.89 0.00	70.02 3.33 0.00	76.37 3.83 -0.29	71.24 3.31 -0.01	77.41 3.39 0.00	61.39 2.77 -0.01	55.01 2.23 -4.76	52.53 2.31 -1.59	53.36 2.34 -1.08	55.24 2.55 -0.76	59.56 2.63 -1.09	70.70 3.00 -4.03	59.73 3.13 -0.14	65.00 3.62 0.00	57.01 3.30 0.00	75.87 3.39 0.00	81.97 3.61 0.00	69.64 3.04 0.00
GLENWOOD_IC_1_G5 23712	42.09 1.64 -3.99	37.47 1.31 -0.01	38.20 1.17 -0.01	37.07 1.16 0.00	35.56 0.95 0.00	38.03 1.03 0.60	42.22 1.23 2.20	68.77 2.08 0.00	66.47 2.56 8.33	55.80 2.04 14.16	68.71 1.97 7.28	58.48 1.98 2.11	42.24 1.51 7.30	42.93 1.54 7.24	43.00 1.53 8.47	43.67 1.70 9.95	49.38 1.77 8.24	65.92 2.25 -0.01	58.77 2.31 -0.01	59.21 2.67 4.84	56.16 2.53 0.08	71.40 2.16 3.23	74.58 2.31 6.09	64.62 2.01 3.98
GLENWOOD_IC_2_G1 23688	37.93 1.47 0.00	37.33 1.17 0.00	38.11 1.08 0.00	36.99 1.07 0.00	35.52 0.91 0.00	38.61 1.01 0.00	44.41 1.21 0.00	68.90 2.21 0.00	74.71 2.47 0.00	69.99 2.06 0.00	76.03 2.01 0.00	60.44 1.83 0.00	49.42 1.40 0.00	50.08 1.45 0.00	51.38 1.44 0.00	53.52 1.60 0.00	57.51 1.67 0.00	65.77 2.11 0.00	58.79 2.32 0.00	64.07 2.69 0.00	56.17 2.46 0.00	74.67 2.19 0.00	80.61 2.25 0.00	68.55 1.96 0.00
GLENWOOD_IC_3_G1 23689	37.93 1.47 0.00	37.33 1.17 0.00	38.11 1.08 0.00	36.99 1.07 0.00	35.52 0.91 0.00	38.61 1.01 0.00	44.41 1.21 0.00	68.90 2.21 0.00	74.71 2.47 0.00	69.99 2.06 0.00	76.03 2.01 0.00	60.44 1.83 0.00	49.42 1.40 0.00	50.08 1.45 0.00	51.38 1.44 0.00	53.52 1.60 0.00	57.51 1.67 0.00	65.77 2.11 0.00	58.79 2.32 0.00	64.07 2.69 0.00	56.17 2.46 0.00	74.67 2.19 0.00	80.61 2.25 0.00	68.55 1.96 0.00
GLENWOOD___4 23550	42.09 1.64 -3.99	37.47 1.31 -0.01	38.20 1.17 -0.01	37.07 1.16 0.00	35.56 0.95 0.00	38.03 1.03 0.60	42.22 1.23 2.20	68.84 2.15 0.00	66.48 2.57 8.33	55.86 2.09 14.16	68.77 2.02 7.28	58.48 1.98 2.11	42.24 1.51 7.30	42.93 1.54 7.24	43.00 1.53 8.47	43.67 1.70 9.95	49.38 1.77 8.24	65.93 2.26 -0.01	58.85 2.38 -0.01	59.28 2.74 4.84	56.20 2.57 0.08	71.46 2.21 3.23	74.58 2.31 6.09	64.62 2.01 3.98
GLENWOOD___5 23614	42.09 1.64 -3.99	37.47 1.31 -0.01	38.20 1.17 -0.01	37.07 1.16 0.00	35.56 0.95 0.00	38.03 1.03 0.60	42.22 1.23 2.20	68.84 2.15 0.00	66.48 2.57 8.33	55.86 2.09 14.16	68.77 2.02 7.28	58.48 1.98 2.11	42.24 1.51 7.30	42.93 1.54 7.24	43.00 1.53 8.47	43.67 1.70 9.95	49.38 1.77 8.24	65.93 2.26 -0.01	58.85 2.38 -0.01	59.28 2.74 4.84	56.20 2.57 0.08	71.46 2.21 3.23	74.58 2.31 6.09	64.62 2.01 3.98
GLOBAL GREEN_PORT_GT1 23814	36.74 2.18 1.90	37.51 1.36 0.00	38.34 1.32 0.00	37.21 1.29 0.00	34.68 0.06 0.00	35.25 -0.42 1.94	36.27 0.13 7.06	67.72 1.03 0.00	44.32 0.48 28.41	20.83 0.75 47.84	50.18 -0.13 23.71	47.58 -0.27 10.78	17.28 -0.52 30.23	11.10 -1.04 36.49	19.77 -1.26 28.91	17.24 -0.99 33.68	20.02 -0.91 34.91	64.36 0.70 0.00	57.72 1.26 0.00	29.81 0.80 32.37	53.89 0.77 0.59	56.80 -0.57 15.10	56.73 -1.32 20.32	52.42 -1.43 12.74
GLOBE___DSASP 323697	35.31 -1.15 0.00	35.30 -0.85 0.00	35.99 -1.04 0.00	34.60 -1.32 0.00	33.59 -1.02 0.00	36.05 -1.55 0.00	41.06 -2.13 0.00	63.54 -3.15 0.00	68.76 -3.49 0.00	65.79 -2.14 0.00	72.59 -1.44 0.00	57.61 -1.01 0.00	47.05 -0.98 0.00	47.27 -1.36 0.00	48.54 -1.40 0.00	50.28 -1.64 0.00	53.58 -2.26 0.00	60.11 -3.56 0.00	53.49 -2.98 0.00	58.22 -3.16 0.00	51.16 -2.55 0.00	69.21 -3.27 0.00	75.48 -2.88 0.00	64.24 -2.35 0.00
GOETHSLN___LBMP 323567	37.74 1.28 0.00	37.21 1.05 0.00	38.06 1.03 0.00	36.99 1.07 0.00	35.61 0.99 0.00	38.77 1.16 0.00	44.59 1.39 0.00	69.15 2.46 0.00	75.01 2.76 0.00	70.18 2.26 0.00	76.26 2.24 0.00	60.52 1.90 0.00	49.52 1.49 0.00	50.21 1.58 0.00	51.54 1.60 0.00	53.70 1.79 0.00	57.63 1.79 0.00	65.72 2.05 0.00	58.75 2.29 0.00	64.17 2.79 0.00	56.26 2.55 0.00	74.85 2.38 0.00	80.87 2.50 0.00	68.74 2.15 0.00
GOLAH___69_KV_TB 1_2 80279	36.84 0.38 0.00	36.68 0.52 0.00	37.49 0.46 0.00	36.26 0.34 0.00	35.05 0.44 0.00	37.89 0.29 0.00	43.44 0.24 0.00	67.37 0.68 0.00	72.84 0.59 0.00	69.09 1.17 0.00	75.71 1.69 0.00	59.90 1.28 0.00	48.89 0.87 0.00	49.17 0.54 0.00	50.49 0.55 0.00	52.39 0.47 0.00	56.20 0.35 0.00	63.63 -0.04 0.00	56.59 0.13 0.00	61.62 0.25 0.00	54.04 0.33 0.00	72.75 0.26 0.00	78.81 0.45 0.00	66.77 0.18 0.00

GOODYEAR_LAKE_HYD 323669	37.81 1.35 0.00	37.46 1.30 0.00	38.38 1.35 0.00	37.25 1.33 0.00	35.98 1.37 0.00	39.12 1.52 0.00	45.07 1.88 0.00	69.74 3.05 0.00	75.60 3.35 0.00	70.97 3.04 0.00	77.37 3.34 0.00	61.25 2.63 0.00	50.24 2.22 0.00	50.81 2.18 0.00	52.07 2.13 0.00	54.14 2.23 0.00	58.03 2.19 0.00	66.07 2.40 0.00	58.86 2.40 0.00	64.24 2.87 0.00	56.23 2.52 0.00	75.49 3.01 0.00	81.53 3.17 0.00	69.29 2.70 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.93 0.46 0.00	36.71 0.55 0.00	37.57 0.54 0.00	36.44 0.52 0.00	35.26 0.65 0.00	38.16 0.55 0.00	43.81 0.61 0.00	67.89 1.21 0.00	73.37 1.12 0.00	69.03 1.11 0.00	75.28 1.25 0.00	59.63 1.01 0.00	48.88 0.86 0.00	49.36 0.74 0.00	50.80 0.86 0.00	52.78 0.86 0.00	56.63 0.78 0.00	64.30 0.64 0.00	57.29 0.83 0.00	62.47 1.09 0.00	54.64 0.93 0.00	73.29 0.81 0.00	79.19 0.82 0.00	67.30 0.71 0.00
GOUDEY___7 23579	36.93 0.46 0.00	36.71 0.55 0.00	37.57 0.54 0.00	36.44 0.52 0.00	35.26 0.65 0.00	38.16 0.55 0.00	43.81 0.61 0.00	67.89 1.21 0.00	73.37 1.12 0.00	69.03 1.11 0.00	75.28 1.25 0.00	59.63 1.01 0.00	48.88 0.86 0.00	49.36 0.74 0.00	50.80 0.86 0.00	52.78 0.86 0.00	56.63 0.78 0.00	64.30 0.64 0.00	57.29 0.83 0.00	62.47 1.09 0.00	54.64 0.93 0.00	73.29 0.81 0.00	79.19 0.82 0.00	67.30 0.71 0.00
GOUDEY___8 23580	36.93 0.46 0.00	36.71 0.55 0.00	37.57 0.54 0.00	36.44 0.52 0.00	35.26 0.65 0.00	38.16 0.55 0.00	43.81 0.61 0.00	67.89 1.21 0.00	73.37 1.12 0.00	69.03 1.11 0.00	75.28 1.25 0.00	59.63 1.01 0.00	48.88 0.86 0.00	49.36 0.74 0.00	50.80 0.86 0.00	52.78 0.86 0.00	56.63 0.78 0.00	64.30 0.64 0.00	57.29 0.83 0.00	62.47 1.09 0.00	54.64 0.93 0.00	73.29 0.81 0.00	79.19 0.82 0.00	67.30 0.71 0.00
GOWANUS_GT1_1 24077	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.52 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.45 1.95 -7.31	84.93 3.30 -14.94	89.50 3.76 -13.49	90.74 3.27 -19.54	90.94 3.36 -13.56	89.56 2.78 -28.16	89.54 2.19 -39.33	89.54 2.29 -38.61	89.53 2.33 -37.26	89.55 2.52 -35.12	83.93 2.54 -25.54	84.22 2.90 -17.65	81.78 3.07 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.16 3.33 -14.35	92.17 3.55 -10.25	82.19 3.07 -12.53
GOWANUS_GT1_2 24078	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.52 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.45 1.95 -7.31	84.93 3.30 -14.94	89.50 3.76 -13.49	90.74 3.27 -19.54	90.94 3.36 -13.56	89.56 2.78 -28.16	89.54 2.19 -39.33	89.54 2.29 -38.61	89.53 2.33 -37.26	89.55 2.52 -35.12	83.93 2.54 -25.54	84.22 2.90 -17.65	81.78 3.07 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.16 3.33 -14.35	92.17 3.55 -10.25	82.19 3.07 -12.53
GOWANUS_GT1_3 24079	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.52 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.45 1.95 -7.31	84.93 3.30 -14.94	89.50 3.76 -13.49	90.74 3.27 -19.54	90.94 3.36 -13.56	89.56 2.78 -28.16	89.54 2.19 -39.33	89.54 2.29 -38.61	89.53 2.33 -37.26	89.55 2.52 -35.12	83.93 2.54 -25.54	84.22 2.90 -17.65	81.78 3.07 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.16 3.33 -14.35	92.17 3.55 -10.25	82.19 3.07 -12.53
GOWANUS_GT1_4 24080	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.52 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.45 1.95 -7.31	84.93 3.30 -14.94	89.50 3.76 -13.49	90.74 3.27 -19.54	90.94 3.36 -13.56	89.56 2.78 -28.16	89.54 2.19 -39.33	89.54 2.29 -38.61	89.53 2.33 -37.26	89.55 2.52 -35.12	83.93 2.54 -25.54	84.22 2.90 -17.65	81.78 3.07 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.16 3.33 -14.35	92.17 3.55 -10.25	82.19 3.07 -12.53
GOWANUS_GT1_5 24084	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.52 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.45 1.95 -7.31	84.93 3.30 -14.94	89.50 3.76 -13.49	90.74 3.27 -19.54	90.94 3.36 -13.56	89.56 2.78 -28.16	89.54 2.19 -39.33	89.54 2.29 -38.61	89.53 2.33 -37.26	89.55 2.52 -35.12	83.93 2.54 -25.54	84.22 2.90 -17.65	81.78 3.07 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.16 3.33 -14.35	92.17 3.55 -10.25	82.19 3.07 -12.53
GOWANUS_GT1_6 24111	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.52 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.45 1.95 -7.31	84.93 3.30 -14.94	89.50 3.76 -13.49	90.74 3.27 -19.54	90.94 3.36 -13.56	89.56 2.78 -28.16	89.54 2.19 -39.33	89.54 2.29 -38.61	89.53 2.33 -37.26	89.55 2.52 -35.12	83.93 2.54 -25.54	84.22 2.90 -17.65	81.78 3.07 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.16 3.33 -14.35	92.17 3.55 -10.25	82.19 3.07 -12.53
GOWANUS_GT1_7 24112	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.52 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.45 1.95 -7.31	84.93 3.30 -14.94	89.50 3.76 -13.49	90.74 3.27 -19.54	90.94 3.36 -13.56	89.56 2.78 -28.16	89.54 2.19 -39.33	89.54 2.29 -38.61	89.53 2.33 -37.26	89.55 2.52 -35.12	83.93 2.54 -25.54	84.22 2.90 -17.65	81.78 3.07 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.16 3.33 -14.35	92.17 3.55 -10.25	82.19 3.07 -12.53
GOWANUS_GT1_8 24113	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.52 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.45 1.95 -7.31	84.93 3.30 -14.94	89.50 3.76 -13.49	90.74 3.27 -19.54	90.94 3.36 -13.56	89.56 2.78 -28.16	89.54 2.19 -39.33	89.54 2.29 -38.61	89.53 2.33 -37.26	89.55 2.52 -35.12	83.93 2.54 -25.54	84.22 2.90 -17.65	81.78 3.07 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.16 3.33 -14.35	92.17 3.55 -10.25	82.19 3.07 -12.53
GOWANUS_GT2_1 24114	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
GOWANUS_GT2_2 24115	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
GOWANUS_GT2_3 24116	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53

GOWANUS_GT2_4 24117	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
GOWANUS_GT2_5 24118	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
GOWANUS_GT2_6 24119	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
GOWANUS_GT2_7 24120	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
GOWANUS_GT2_8 24121	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
GOWANUS_GT3_1 24122	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.51 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.46 1.96 -7.31	84.93 3.30 -14.94	89.53 3.80 -13.49	90.76 3.30 -19.54	90.97 3.38 -13.56	89.56 2.78 -28.16	89.55 2.19 -39.33	89.54 2.30 -38.61	89.55 2.35 -37.26	89.55 2.52 -35.12	83.92 2.54 -25.54	84.22 2.90 -17.65	81.77 3.06 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.15 3.32 -14.35	92.16 3.54 -10.25	82.19 3.07 -12.53
GOWANUS_GT3_2 24123	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.51 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.46 1.96 -7.31	84.93 3.30 -14.94	89.53 3.80 -13.49	90.76 3.30 -19.54	90.97 3.38 -13.56	89.56 2.78 -28.16	89.55 2.19 -39.33	89.54 2.30 -38.61	89.55 2.35 -37.26	89.55 2.52 -35.12	83.92 2.54 -25.54	84.22 2.90 -17.65	81.77 3.06 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.15 3.32 -14.35	92.16 3.54 -10.25	82.19 3.07 -12.53
GOWANUS_GT3_3 24124	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.51 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.46 1.96 -7.31	84.93 3.30 -14.94	89.53 3.80 -13.49	90.76 3.30 -19.54	90.97 3.38 -13.56	89.56 2.78 -28.16	89.55 2.19 -39.33	89.54 2.30 -38.61	89.55 2.35 -37.26	89.55 2.52 -35.12	83.92 2.54 -25.54	84.22 2.90 -17.65	81.77 3.06 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.15 3.32 -14.35	92.16 3.54 -10.25	82.19 3.07 -12.53
GOWANUS_GT3_4 24125	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.51 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.46 1.96 -7.31	84.93 3.30 -14.94	89.53 3.80 -13.49	90.76 3.30 -19.54	90.97 3.38 -13.56	89.56 2.78 -28.16	89.55 2.19 -39.33	89.54 2.30 -38.61	89.55 2.35 -37.26	89.55 2.52 -35.12	83.92 2.54 -25.54	84.22 2.90 -17.65	81.77 3.06 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.15 3.32 -14.35	92.16 3.54 -10.25	82.19 3.07 -12.53
GOWANUS_GT3_5 24126	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.51 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.46 1.96 -7.31	84.93 3.30 -14.94	89.53 3.80 -13.49	90.76 3.30 -19.54	90.97 3.38 -13.56	89.56 2.78 -28.16	89.55 2.19 -39.33	89.54 2.30 -38.61	89.55 2.35 -37.26	89.55 2.52 -35.12	83.92 2.54 -25.54	84.22 2.90 -17.65	81.77 3.06 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.15 3.32 -14.35	92.16 3.54 -10.25	82.19 3.07 -12.53
GOWANUS_GT3_6 24127	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.51 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.46 1.96 -7.31	84.93 3.30 -14.94	89.53 3.80 -13.49	90.76 3.30 -19.54	90.97 3.38 -13.56	89.56 2.78 -28.16	89.55 2.19 -39.33	89.54 2.30 -38.61	89.55 2.35 -37.26	89.55 2.52 -35.12	83.92 2.54 -25.54	84.22 2.90 -17.65	81.77 3.06 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.15 3.32 -14.35	92.16 3.54 -10.25	82.19 3.07 -12.53
GOWANUS_GT3_7 24128	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.51 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.46 1.96 -7.31	84.93 3.30 -14.94	89.53 3.80 -13.49	90.76 3.30 -19.54	90.97 3.38 -13.56	89.56 2.78 -28.16	89.55 2.19 -39.33	89.54 2.30 -38.61	89.55 2.35 -37.26	89.55 2.52 -35.12	83.92 2.54 -25.54	84.22 2.90 -17.65	81.77 3.06 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.15 3.32 -14.35	92.16 3.54 -10.25	82.19 3.07 -12.53
GOWANUS_GT3_8 24129	52.82 1.77 -14.59	52.02 1.57 -14.29	51.64 1.51 -13.10	51.07 1.51 -13.64	51.55 1.42 -15.52	52.08 1.62 -12.86	52.46 1.96 -7.31	84.93 3.30 -14.94	89.53 3.80 -13.49	90.76 3.30 -19.54	90.97 3.38 -13.56	89.56 2.78 -28.16	89.55 2.19 -39.33	89.54 2.30 -38.61	89.55 2.35 -37.26	89.55 2.52 -35.12	83.92 2.54 -25.54	84.22 2.90 -17.65	81.77 3.06 -22.25	89.55 3.59 -24.58	89.54 3.31 -32.51	90.15 3.32 -14.35	92.16 3.54 -10.25	82.19 3.07 -12.53
GOWANUS_GT4_1 24130	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.53 -13.10	51.07 1.52 -13.64	51.56 1.42 -15.52	52.08 1.62 -12.86	52.46 1.95 -7.31	84.95 3.32 -14.94	89.54 3.81 -13.49	90.76 3.30 -19.54	90.99 3.40 -13.56	89.58 2.81 -28.16	89.58 2.22 -39.33	89.56 2.31 -38.61	89.56 2.35 -37.26	89.58 2.54 -35.12	83.94 2.56 -25.54	84.23 2.91 -17.65	81.79 3.08 -22.25	89.58 3.62 -24.58	89.56 3.33 -32.51	90.17 3.34 -14.35	92.20 3.58 -10.25	82.21 3.09 -12.53
GOWANUS_GT4_2 24131	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.53 -13.10	51.07 1.52 -13.64	51.56 1.42 -15.52	52.08 1.62 -12.86	52.46 1.95 -7.31	84.95 3.32 -14.94	89.54 3.81 -13.49	90.76 3.30 -19.54	90.99 3.40 -13.56	89.58 2.81 -28.16	89.58 2.22 -39.33	89.56 2.31 -38.61	89.56 2.35 -37.26	89.58 2.54 -35.12	83.94 2.56 -25.54	84.23 2.91 -17.65	81.79 3.08 -22.25	89.58 3.62 -24.58	89.56 3.33 -32.51	90.17 3.34 -14.35	92.20 3.58 -10.25	82.21 3.09 -12.53

GOWANUS_GT4_3 24132	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.53 -13.10	51.07 1.52 -13.64	51.56 1.42 -15.52	52.08 1.62 -12.86	52.46 1.95 -7.31	84.95 3.32 -14.94	89.54 3.81 -13.49	90.76 3.30 -19.54	90.99 3.40 -13.56	89.58 2.81 -28.16	89.58 2.22 -39.33	89.56 2.31 -38.61	89.56 2.35 -37.26	89.58 2.54 -35.12	83.94 2.56 -25.54	84.23 2.91 -17.65	81.79 3.08 -22.25	89.58 3.62 -24.58	89.56 3.33 -32.51	90.17 3.34 -14.35	92.20 3.58 -10.25	82.21 3.09 -12.53
GOWANUS_GT4_4 24133	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.53 -13.10	51.07 1.52 -13.64	51.56 1.42 -15.52	52.08 1.62 -12.86	52.46 1.95 -7.31	84.95 3.32 -14.94	89.54 3.81 -13.49	90.76 3.30 -19.54	90.99 3.40 -13.56	89.58 2.81 -28.16	89.58 2.22 -39.33	89.56 2.31 -38.61	89.56 2.35 -37.26	89.58 2.54 -35.12	83.94 2.56 -25.54	84.23 2.91 -17.65	81.79 3.08 -22.25	89.58 3.62 -24.58	89.56 3.33 -32.51	90.17 3.34 -14.35	92.20 3.58 -10.25	82.21 3.09 -12.53
GOWANUS_GT4_5 24134	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.53 -13.10	51.07 1.52 -13.64	51.56 1.42 -15.52	52.08 1.62 -12.86	52.46 1.95 -7.31	84.95 3.32 -14.94	89.54 3.81 -13.49	90.76 3.30 -19.54	90.99 3.40 -13.56	89.58 2.81 -28.16	89.58 2.22 -39.33	89.56 2.31 -38.61	89.56 2.35 -37.26	89.58 2.54 -35.12	83.94 2.56 -25.54	84.23 2.91 -17.65	81.79 3.08 -22.25	89.58 3.62 -24.58	89.56 3.33 -32.51	90.17 3.34 -14.35	92.20 3.58 -10.25	82.21 3.09 -12.53
GOWANUS_GT4_6 24135	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.53 -13.10	51.07 1.52 -13.64	51.56 1.42 -15.52	52.08 1.62 -12.86	52.46 1.95 -7.31	84.95 3.32 -14.94	89.54 3.81 -13.49	90.76 3.30 -19.54	90.99 3.40 -13.56	89.58 2.81 -28.16	89.58 2.22 -39.33	89.56 2.31 -38.61	89.56 2.35 -37.26	89.58 2.54 -35.12	83.94 2.56 -25.54	84.23 2.91 -17.65	81.79 3.08 -22.25	89.58 3.62 -24.58	89.56 3.33 -32.51	90.17 3.34 -14.35	92.20 3.58 -10.25	82.21 3.09 -12.53
GOWANUS_GT4_7 24136	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.53 -13.10	51.07 1.52 -13.64	51.56 1.42 -15.52	52.08 1.62 -12.86	52.46 1.95 -7.31	84.95 3.32 -14.94	89.54 3.81 -13.49	90.76 3.30 -19.54	90.99 3.40 -13.56	89.58 2.81 -28.16	89.58 2.22 -39.33	89.56 2.31 -38.61	89.56 2.35 -37.26	89.58 2.54 -35.12	83.94 2.56 -25.54	84.23 2.91 -17.65	81.79 3.08 -22.25	89.58 3.62 -24.58	89.56 3.33 -32.51	90.17 3.34 -14.35	92.20 3.58 -10.25	82.21 3.09 -12.53
GOWANUS_GT4_8 24137	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.53 -13.10	51.07 1.52 -13.64	51.56 1.42 -15.52	52.08 1.62 -12.86	52.46 1.95 -7.31	84.95 3.32 -14.94	89.54 3.81 -13.49	90.76 3.30 -19.54	90.99 3.40 -13.56	89.58 2.81 -28.16	89.58 2.22 -39.33	89.56 2.31 -38.61	89.56 2.35 -37.26	89.58 2.54 -35.12	83.94 2.56 -25.54	84.23 2.91 -17.65	81.79 3.08 -22.25	89.58 3.62 -24.58	89.56 3.33 -32.51	90.17 3.34 -14.35	92.20 3.58 -10.25	82.21 3.09 -12.53
GREENBSH_115KV_TB3 55895	36.67 0.20 0.00	36.36 0.20 0.00	37.27 0.24 0.00	36.18 0.27 0.00	34.77 0.16 0.00	37.84 0.24 0.00	43.45 0.26 0.00	67.24 0.56 0.00	72.82 0.58 0.00	68.00 0.08 0.00	73.83 -0.19 0.00	58.31 -0.31 0.00	47.79 -0.23 0.00	48.45 -0.18 0.00	49.85 -0.09 0.00	51.79 -0.13 0.00	55.89 0.04 0.00	63.98 0.31 0.00	56.96 0.49 0.00	61.88 0.50 0.00	54.14 0.43 0.00	72.57 0.09 0.00	78.35 -0.01 0.00	66.58 -0.02 0.00
GREENDGE_115KV_TB5 80291	36.84 0.38 0.00	36.72 0.56 0.00	37.57 0.53 0.00	36.44 0.53 0.00	35.29 0.67 0.00	38.22 0.61 0.00	44.02 0.82 0.00	68.00 1.31 0.00	73.49 1.25 0.00	69.27 1.35 0.00	75.56 1.54 0.00	60.14 1.52 0.00	49.41 1.38 0.00	49.89 1.26 0.00	51.36 1.43 0.00	53.27 1.35 0.00	57.02 1.18 0.00	64.50 0.83 0.00	57.33 0.87 0.00	62.50 1.13 0.00	54.74 1.03 0.00	73.36 0.88 0.00	79.01 0.65 0.00	67.34 0.75 0.00
GREENIDGE___3 23582	36.84 0.38 0.00	36.72 0.56 0.00	37.57 0.53 0.00	36.44 0.53 0.00	35.29 0.67 0.00	38.22 0.61 0.00	44.02 0.82 0.00	68.00 1.31 0.00	73.49 1.25 0.00	69.27 1.35 0.00	75.56 1.54 0.00	60.14 1.52 0.00	49.41 1.38 0.00	49.89 1.26 0.00	51.36 1.43 0.00	53.27 1.35 0.00	57.02 1.18 0.00	64.50 0.83 0.00	57.33 0.87 0.00	62.50 1.13 0.00	54.74 1.03 0.00	73.36 0.88 0.00	79.01 0.65 0.00	67.34 0.75 0.00
GREENIDGE___4 23583	36.84 0.38 0.00	36.72 0.56 0.00	37.56 0.54 0.00	36.44 0.52 0.00	35.29 0.67 0.00	38.22 0.61 0.00	44.01 0.82 0.00	67.99 1.30 0.00	73.49 1.25 0.00	69.28 1.36 0.00	75.56 1.53 0.00	60.14 1.52 0.00	49.41 1.39 0.00	49.89 1.26 0.00	51.36 1.43 0.00	53.25 1.33 0.00	57.02 1.18 0.00	64.48 0.81 0.00	57.33 0.87 0.00	62.50 1.13 0.00	54.75 1.03 0.00	73.32 0.85 0.00	79.01 0.65 0.00	67.34 0.75 0.00
GREENLWN_69_KV_BK 3 55738	36.20 1.33 1.60	37.02 0.87 0.00	37.65 0.63 0.00	36.49 0.58 0.00	34.73 0.12 0.00	35.62 -0.10 1.89	36.21 -0.10 6.89	66.99 0.30 0.00	44.73 0.19 27.71	21.40 0.15 46.67	50.80 -0.08 23.14	48.54 0.36 10.45	18.80 0.15 29.37	13.47 0.21 35.37	21.81 0.07 28.21	19.22 0.16 32.86	22.06 0.16 33.95	64.31 0.65 0.00	57.57 1.11 0.00	31.32 1.23 31.29	54.33 1.19 0.57	58.06 0.25 14.66	58.34 -0.21 19.82	54.09 -0.07 12.43
GREENWD_138_KV_38B11_REV_LBMP_J 345004	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.53 -13.10	51.07 1.52 -13.64	51.56 1.42 -15.52	52.08 1.62 -12.86	52.46 1.95 -7.31	84.95 3.32 -14.94	89.54 3.81 -13.49	90.76 3.30 -19.54	90.99 3.40 -13.56	89.58 2.81 -28.16	89.58 2.22 -39.33	89.56 2.31 -38.61	89.56 2.35 -37.26	89.58 2.54 -35.12	83.94 2.56 -25.54	84.23 2.91 -17.65	81.79 3.08 -22.25	89.58 3.62 -24.58	89.56 3.33 -32.51	90.17 3.34 -14.35	92.20 3.58 -10.25	82.21 3.09 -12.53
GRISSOM___SOLAR 323813	38.43 1.97 0.00	38.03 1.88 0.00	38.95 1.93 0.00	37.79 1.87 0.00	36.47 1.86 0.00	39.73 2.12 0.00	45.89 2.69 0.00	71.19 4.50 0.00	76.95 4.70 0.00	71.93 4.00 0.00	78.05 4.03 0.00	61.35 2.73 0.00	50.16 2.13 0.00	50.40 1.77 0.00	51.85 1.91 0.00	53.77 1.86 0.00	56.82 0.97 0.00	66.01 2.35 0.00	59.57 3.10 0.00	65.17 3.79 0.00	57.02 3.31 0.00	76.70 4.23 0.00	82.82 4.46 0.00	70.30 3.71 0.00
GROVEVILLE___HYD 323602	37.92 1.46 0.00	37.42 1.27 0.00	38.30 1.27 0.00	37.19 1.27 0.00	35.81 1.20 0.00	39.00 1.40 0.00	44.88 1.68 0.00	69.60 2.92 0.00	75.46 3.21 0.00	70.63 2.70 0.00	76.74 2.71 0.00	60.79 2.17 0.00	49.74 1.72 0.00	50.40 1.77 0.00	51.73 1.78 0.00	53.88 1.96 0.00	57.92 2.08 0.00	66.13 2.46 0.00	59.12 2.66 0.00	64.46 3.09 0.00	56.46 2.75 0.00	75.26 2.78 0.00	81.27 2.90 0.00	69.04 2.45 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.47 0.01 0.00	36.20 0.04 0.00	37.05 0.02 0.00	35.92 0.01 0.00	34.72 0.10 0.00	37.70 0.10 0.00	43.41 0.22 0.00	67.20 0.52 0.00	72.72 0.48 0.00	68.42 0.49 0.00	74.58 0.55 0.00	59.05 0.44 0.00	48.35 0.32 0.00	48.92 0.29 0.00	50.22 0.28 0.00	52.17 0.25 0.00	56.08 0.23 0.00	63.83 0.16 0.00	56.76 0.30 0.00	61.79 0.41 0.00	54.07 0.35 0.00	72.69 0.21 0.00	78.56 0.20 0.00	66.79 0.20 0.00

HAMLTNNY_34_KV_TB 80303	36.58 0.12 0.00	36.31 0.16 0.00	37.16 0.12 0.00	36.03 0.11 0.00	34.85 0.24 0.00	37.82 0.21 0.00	43.58 0.39 0.00	67.44 0.76 0.00	73.00 0.75 0.00	68.66 0.73 0.00	74.85 0.82 0.00	59.29 0.68 0.00	48.51 0.49 0.00	49.09 0.46 0.00	50.37 0.42 0.00	52.31 0.39 0.00	56.21 0.36 0.00	63.96 0.29 0.00	56.90 0.44 0.00	61.96 0.59 0.00	54.22 0.50 0.00	72.91 0.43 0.00	78.74 0.38 0.00	66.99 0.40 0.00
HAMPSHIRE___PAPER_HYD 323593	35.96 -0.50 0.00	35.69 -0.47 0.00	36.72 -0.31 0.00	35.68 -0.23 0.00	34.42 -0.19 0.00	37.49 -0.11 0.00	43.04 -0.16 0.00	66.48 -0.21 0.00	71.97 -0.27 0.00	67.95 0.02 0.00	74.33 0.30 0.00	58.73 0.11 0.00	48.10 0.08 0.00	48.73 0.11 0.00	50.07 0.13 0.00	52.11 0.19 0.00	56.14 0.30 0.00	64.16 0.49 0.00	56.47 0.01 0.00	61.38 0.00 0.00	53.51 -0.20 0.00	73.03 0.55 0.00	78.82 0.46 0.00	66.72 0.13 0.00
HARDSCRABBLE_WT_PWR 323673	35.81 -0.65 0.00	35.44 -0.71 0.00	36.32 -0.71 0.00	35.31 -0.60 0.00	33.99 -0.62 0.00	37.11 -0.50 0.00	42.76 -0.43 0.00	66.48 -0.21 0.00	72.19 -0.05 0.00	66.87 -1.06 0.00	72.10 -1.92 0.00	56.83 -1.79 0.00	46.44 -1.58 0.00	46.79 -1.84 0.00	48.13 -1.81 0.00	49.63 -2.29 0.00	53.65 -2.19 0.00	62.04 -1.63 0.00	55.93 -0.53 0.00	60.86 -0.51 0.00	53.20 -0.51 0.00	71.07 -1.42 0.00	76.40 -1.96 0.00	65.03 -1.56 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.65 1.18 0.00	37.17 1.02 0.00	38.05 1.02 0.00	36.95 1.04 0.00	35.60 0.99 0.00	38.74 1.14 0.00	44.50 1.31 0.00	68.98 2.29 0.00	74.70 2.45 0.00	70.00 2.08 0.00	76.10 2.07 0.00	60.30 1.69 0.00	49.38 1.36 0.00	50.05 1.42 0.00	51.40 1.46 0.00	53.52 1.61 0.00	57.51 1.66 0.00	65.61 1.94 0.00	58.61 2.15 0.00	64.02 2.65 0.00	56.02 2.31 0.00	74.64 2.16 0.00	80.56 2.20 0.00	68.45 1.86 0.00
HARSNRAD_115KV_TB1 81005	35.80 -0.66 0.00	35.79 -0.37 0.00	36.50 -0.53 0.00	35.12 -0.80 0.00	34.10 -0.52 0.00	36.64 -0.96 0.00	41.84 -1.35 0.00	64.82 -1.87 0.00	70.16 -2.08 0.00	67.05 -0.87 0.00	73.92 -0.10 0.00	58.48 -0.14 0.00	47.63 -0.39 0.00	47.86 -0.77 0.00	49.18 -0.77 0.00	50.99 -0.92 0.00	54.39 -1.46 0.00	61.33 -2.34 0.00	54.57 -1.90 0.00	59.41 -1.96 0.00	52.19 -1.53 0.00	70.52 -1.96 0.00	76.75 -1.62 0.00	65.08 -1.52 0.00
HARZA MOOSE___RIVER 24016	36.61 0.15 0.00	36.32 0.16 0.00	37.38 0.35 0.00	36.34 0.42 0.00	35.08 0.47 0.00	38.26 0.65 0.00	44.15 0.95 0.00	68.45 1.76 0.00	74.20 1.96 0.00	69.66 1.74 0.00	75.96 1.94 0.00	59.94 1.32 0.00	49.09 1.07 0.00	49.80 1.17 0.00	51.18 1.24 0.00	53.23 1.32 0.00	57.35 1.51 0.00	65.57 1.90 0.00	58.19 1.73 0.00	63.32 1.95 0.00	55.34 1.63 0.00	74.63 2.15 0.00	80.46 2.10 0.00	68.19 1.59 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.29 -0.17 0.00	36.00 -0.16 0.00	36.85 -0.18 0.00	35.73 -0.19 0.00	34.50 -0.11 0.00	37.46 -0.14 0.00	43.11 -0.09 0.00	66.74 0.06 0.00	72.27 0.02 0.00	67.98 0.05 0.00	74.11 0.09 0.00	58.69 0.07 0.00	48.03 0.01 0.00	48.61 -0.02 0.00	49.91 -0.03 0.00	51.85 -0.06 0.00	55.74 -0.10 0.00	63.44 -0.23 0.00	56.42 -0.04 0.00	61.39 0.01 0.00	53.74 0.03 0.00	72.23 -0.25 0.00	78.09 -0.27 0.00	66.37 -0.23 0.00
HELLGATE_13_KV_LD 55870	38.65 1.79 -0.40	37.72 1.56 -0.01	38.55 1.53 0.00	37.43 1.52 0.00	36.04 1.43 0.00	39.25 1.65 0.00	45.19 2.00 0.00	70.18 3.49 0.00	76.58 4.05 -0.29	71.43 3.49 -0.01	77.60 3.57 0.00	61.56 2.93 -0.01	55.11 2.33 -4.76	52.63 2.42 -1.59	53.47 2.45 -1.08	55.34 2.66 -0.76	59.68 2.76 -1.08	70.82 3.13 -4.02	59.84 3.24 -0.14	65.12 3.74 0.00	57.13 3.42 0.00	76.06 3.58 0.00	82.16 3.80 0.00	69.77 3.18 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.65 1.79 -0.40	37.72 1.56 -0.01	38.55 1.53 0.00	37.43 1.52 0.00	36.04 1.43 0.00	39.25 1.65 0.00	45.19 2.00 0.00	70.18 3.49 0.00	76.58 4.05 -0.29	71.43 3.49 -0.01	77.60 3.57 0.00	61.56 2.93 -0.01	55.11 2.33 -4.76	52.63 2.42 -1.59	53.47 2.45 -1.08	55.34 2.66 -0.76	59.68 2.76 -1.08	70.82 3.13 -4.02	59.84 3.24 -0.14	65.12 3.74 0.00	57.13 3.42 0.00	76.06 3.58 0.00	82.16 3.80 0.00	69.77 3.18 0.00
HEMPSTEAD____ 23647	43.14 1.52 -5.16	37.27 1.10 -0.01	37.96 0.92 -0.01	36.81 0.89 0.00	35.23 0.62 0.00	37.30 0.61 0.91	40.60 0.74 3.34	68.21 1.52 0.00	61.31 1.67 12.61	47.85 1.36 21.43	64.27 1.26 11.01	56.54 1.41 3.49	37.42 0.98 11.59	37.63 0.99 11.99	38.06 0.94 12.81	37.97 1.10 15.05	44.01 1.14 12.97	65.37 1.70 -0.01	58.46 1.99 -0.01	55.00 2.27 8.65	55.68 2.12 0.15	68.77 1.51 5.22	70.53 1.40 9.24	61.82 1.25 6.02
HEWLETT_69_KV_BK3 55828	62.87 1.94 -24.46	37.73 1.52 -0.06	38.39 1.32 -0.05	37.19 1.27 0.00	35.60 0.99 0.00	38.60 0.99 0.00	44.39 1.19 0.00	68.96 2.27 0.00	77.36 2.38 -2.74	73.98 2.10 -3.96	76.74 2.05 -0.66	68.01 2.13 -7.25	62.42 1.59 -12.81	74.98 1.52 -24.84	54.26 1.46 -2.86	56.46 1.63 -2.91	72.94 1.75 -15.35	66.11 2.40 -0.04	59.15 2.65 -0.04	95.95 3.01 -31.55	57.10 2.76 -0.63	83.50 2.29 -8.73	81.79 2.12 -1.31	68.46 1.87 0.00
HICKLING___1 23621	36.89 0.42 0.00	36.85 0.70 0.00	37.71 0.68 0.00	36.61 0.69 0.00	35.49 0.87 0.00	38.31 0.71 0.00	44.02 0.82 0.00	68.43 1.74 0.00	73.94 1.69 0.00	69.76 1.84 0.00	76.14 2.12 0.00	60.36 1.74 0.00	49.49 1.47 0.00	49.90 1.27 0.00	51.48 1.54 0.00	53.42 1.51 0.00	57.20 1.35 0.00	64.71 1.04 0.00	57.73 1.27 0.00	63.02 1.64 0.00	55.03 1.32 0.00	73.71 1.24 0.00	79.52 1.16 0.00	67.54 0.95 0.00
HICKLING___2 23622	36.89 0.42 0.00	36.85 0.70 0.00	37.71 0.68 0.00	36.61 0.69 0.00	35.49 0.87 0.00	38.31 0.71 0.00	44.02 0.82 0.00	68.43 1.74 0.00	73.94 1.69 0.00	69.76 1.84 0.00	76.14 2.12 0.00	60.36 1.74 0.00	49.49 1.47 0.00	49.90 1.27 0.00	51.48 1.54 0.00	53.42 1.51 0.00	57.20 1.35 0.00	64.71 1.04 0.00	57.73 1.27 0.00	63.02 1.64 0.00	55.03 1.32 0.00	73.71 1.24 0.00	79.52 1.16 0.00	67.54 0.95 0.00
HIGH FALLS___HY 23754	38.15 1.69 0.00	37.64 1.49 0.00	38.52 1.50 0.00	37.41 1.49 0.00	36.05 1.44 0.00	39.25 1.64 0.00	45.18 1.98 0.00	70.04 3.35 0.00	75.92 3.67 0.00	71.11 3.18 0.00	77.37 3.35 0.00	61.33 2.72 0.00	50.15 2.12 0.00	50.81 2.18 0.00	52.05 2.11 0.00	54.16 2.24 0.00	58.24 2.40 0.00	66.39 2.73 0.00	59.38 2.93 0.00	64.83 3.45 0.00	56.78 3.07 0.00	75.68 3.21 0.00	81.70 3.34 0.00	69.38 2.79 0.00
HIGH_RIVER___SOLAR 323847	37.65 1.19 0.00	37.29 1.14 0.00	38.21 1.19 0.00	37.07 1.15 0.00	35.73 1.12 0.00	38.90 1.29 0.00	44.81 1.61 0.00	69.42 2.73 0.00	75.07 2.83 0.00	70.10 2.18 0.00	76.24 2.22 0.00	60.08 1.46 0.00	49.09 1.06 0.00	49.12 0.49 0.00	50.52 0.57 0.00	52.44 0.52 0.00	56.28 0.44 0.00	65.07 1.40 0.00	58.40 1.93 0.00	63.76 2.38 0.00	55.79 2.08 0.00	74.97 2.49 0.00	80.95 2.59 0.00	68.78 2.19 0.00

HILLBURN___GT 23639	37.51 1.05 0.00	37.02 0.86 0.00	37.90 0.88 0.00	36.82 0.91 0.00	35.47 0.85 0.00	38.60 0.99 0.00	44.33 1.13 0.00	68.68 1.99 0.00	74.36 2.12 0.00	69.66 1.73 0.00	75.71 1.68 0.00	60.03 1.41 0.00	49.14 1.12 0.00	49.83 1.20 0.00	51.16 1.22 0.00	53.30 1.38 0.00	57.22 1.38 0.00	65.26 1.60 0.00	58.37 1.91 0.00	63.76 2.38 0.00	55.76 2.05 0.00	74.26 1.79 0.00	80.19 1.83 0.00	68.15 1.56 0.00
HILLSIDE_115KV_TB1 80332	36.67 0.20 0.00	36.59 0.44 0.00	37.43 0.40 0.00	36.32 0.40 0.00	35.23 0.61 0.00	37.99 0.39 0.00	43.57 0.38 0.00	67.71 1.02 0.00	73.09 0.84 0.00	68.91 0.98 0.00	75.09 1.06 0.00	59.52 0.90 0.00	48.78 0.76 0.00	49.19 0.56 0.00	50.74 0.80 0.00	52.65 0.73 0.00	56.39 0.54 0.00	63.84 0.18 0.00	56.98 0.52 0.00	62.20 0.82 0.00	54.31 0.59 0.00	72.76 0.28 0.00	78.49 0.13 0.00	66.72 0.13 0.00
HISHELDN_WT_PWR 323625	35.52 -0.94 0.00	35.65 -0.50 0.00	36.50 -0.53 0.00	35.31 -0.60 0.00	34.22 -0.40 0.00	36.82 -0.78 0.00	42.26 -0.94 0.00	65.63 -1.06 0.00	71.06 -1.18 0.00	67.48 -0.45 0.00	74.21 0.18 0.00	58.90 0.28 0.00	48.04 0.01 0.00	48.41 -0.22 0.00	50.04 0.10 0.00	52.07 0.15 0.00	55.45 -0.40 0.00	62.41 -1.26 0.00	55.58 -0.88 0.00	60.55 -0.82 0.00	53.11 -0.60 0.00	71.47 -1.01 0.00	77.51 -0.85 0.00	65.81 -0.78 0.00
HOLTSVILLE_IC_1 23690	36.17 1.64 1.93	37.27 1.12 0.00	37.93 0.91 0.00	36.75 0.83 0.00	34.92 0.31 0.00	35.76 0.09 1.94	36.29 0.16 7.07	67.41 0.73 0.00	44.25 0.48 28.47	20.58 0.60 47.94	50.47 0.21 23.77	48.38 0.57 10.81	18.04 0.32 30.30	12.25 0.20 36.59	21.14 0.18 28.98	18.53 0.36 33.75	21.22 0.37 35.00	64.94 1.28 0.00	58.23 1.77 0.00	30.60 1.68 32.46	54.67 1.55 0.59	57.98 0.65 15.14	58.16 0.15 20.36	53.92 0.10 12.76
HOLTSVILLE_IC_10 23699	36.43 1.76 1.80	37.38 1.23 0.00	38.04 1.01 0.00	36.84 0.93 0.00	35.01 0.40 0.00	35.88 0.19 1.92	36.51 0.32 7.01	67.66 0.98 0.00	44.76 0.73 28.21	21.24 0.84 47.52	50.96 0.50 23.56	48.71 0.78 10.68	18.51 0.47 29.99	12.82 0.36 36.17	21.58 0.36 28.72	19.00 0.54 33.45	21.76 0.56 34.64	65.26 1.59 0.00	58.53 2.07 0.00	31.32 1.99 32.05	54.94 1.81 0.58	58.49 0.99 14.98	58.66 0.47 20.18	54.25 0.32 12.65
HOLTSVILLE_IC_2 23691	36.17 1.64 1.93	37.27 1.12 0.00	37.93 0.91 0.00	36.75 0.83 0.00	34.92 0.31 0.00	35.76 0.09 1.94	36.29 0.16 7.07	67.41 0.73 0.00	44.25 0.48 28.47	20.58 0.60 47.94	50.47 0.21 23.77	48.38 0.57 10.81	18.04 0.32 30.30	12.25 0.20 36.59	21.14 0.18 28.98	18.53 0.36 33.75	21.22 0.37 35.00	64.94 1.28 0.00	58.23 1.77 0.00	30.60 1.68 32.46	54.67 1.55 0.59	57.98 0.65 15.14	58.16 0.15 20.36	53.92 0.10 12.76
HOLTSVILLE_IC_3 23692	36.17 1.64 1.93	37.27 1.12 0.00	37.93 0.91 0.00	36.75 0.83 0.00	34.92 0.31 0.00	35.76 0.09 1.94	36.29 0.16 7.07	67.41 0.73 0.00	44.25 0.48 28.47	20.58 0.60 47.94	50.47 0.21 23.77	48.38 0.57 10.81	18.04 0.32 30.30	12.25 0.20 36.59	21.14 0.18 28.98	18.53 0.36 33.75	21.22 0.37 35.00	64.94 1.28 0.00	58.23 1.77 0.00	30.60 1.68 32.46	54.67 1.55 0.59	57.98 0.65 15.14	58.16 0.15 20.36	53.92 0.10 12.76
HOLTSVILLE_IC_4 23693	36.17 1.64 1.93	37.27 1.12 0.00	37.93 0.91 0.00	36.75 0.83 0.00	34.92 0.31 0.00	35.76 0.09 1.94	36.29 0.16 7.07	67.41 0.73 0.00	44.25 0.48 28.47	20.58 0.60 47.94	50.47 0.21 23.77	48.38 0.57 10.81	18.04 0.32 30.30	12.25 0.20 36.59	21.14 0.18 28.98	18.53 0.36 33.75	21.22 0.37 35.00	64.94 1.28 0.00	58.23 1.77 0.00	30.60 1.68 32.46	54.67 1.55 0.59	57.98 0.65 15.14	58.16 0.15 20.36	53.92 0.10 12.76
HOLTSVILLE_IC_5 23694	36.17 1.64 1.93	37.27 1.12 0.00	37.93 0.91 0.00	36.75 0.83 0.00	34.92 0.31 0.00	35.76 0.09 1.94	36.29 0.16 7.07	67.41 0.73 0.00	44.25 0.48 28.47	20.58 0.60 47.94	50.47 0.21 23.77	48.38 0.57 10.81	18.04 0.32 30.30	12.25 0.20 36.59	21.14 0.18 28.98	18.53 0.36 33.75	21.22 0.37 35.00	64.94 1.28 0.00	58.23 1.77 0.00	30.60 1.68 32.46	54.67 1.55 0.59	57.98 0.65 15.14	58.16 0.15 20.36	53.92 0.10 12.76
HOLTSVILLE_IC_6 23695	36.43 1.76 1.80	37.38 1.23 0.00	38.04 1.01 0.00	36.84 0.93 0.00	35.01 0.40 0.00	35.88 0.19 1.92	36.51 0.32 7.01	67.66 0.98 0.00	44.76 0.73 28.21	21.24 0.84 47.52	50.96 0.50 23.56	48.71 0.78 10.68	18.51 0.47 29.99	12.82 0.36 36.17	21.58 0.36 28.72	19.00 0.54 33.45	21.76 0.56 34.64	65.26 1.59 0.00	58.53 2.07 0.00	31.32 1.99 32.05	54.94 1.81 0.58	58.49 0.99 14.98	58.66 0.47 20.18	54.25 0.32 12.65
HOLTSVILLE_IC_7 23696	36.43 1.76 1.80	37.38 1.23 0.00	38.04 1.01 0.00	36.84 0.93 0.00	35.01 0.40 0.00	35.88 0.19 1.92	36.51 0.32 7.01	67.66 0.98 0.00	44.76 0.73 28.21	21.24 0.84 47.52	50.96 0.50 23.56	48.71 0.78 10.68	18.51 0.47 29.99	12.82 0.36 36.17	21.58 0.36 28.72	19.00 0.54 33.45	21.76 0.56 34.64	65.26 1.59 0.00	58.53 2.07 0.00	31.32 1.99 32.05	54.94 1.81 0.58	58.49 0.99 14.98	58.66 0.47 20.18	54.25 0.32 12.65
HOLTSVILLE_IC_8 23697	36.43 1.76 1.80	37.38 1.23 0.00	38.04 1.01 0.00	36.84 0.93 0.00	35.01 0.40 0.00	35.88 0.19 1.92	36.51 0.32 7.01	67.66 0.98 0.00	44.76 0.73 28.21	21.24 0.84 47.52	50.96 0.50 23.56	48.71 0.78 10.68	18.51 0.47 29.99	12.82 0.36 36.17	21.58 0.36 28.72	19.00 0.54 33.45	21.76 0.56 34.64	65.26 1.59 0.00	58.53 2.07 0.00	31.32 1.99 32.05	54.94 1.81 0.58	58.49 0.99 14.98	58.66 0.47 20.18	54.25 0.32 12.65
HOLTSVILLE_IC_9 23698	36.43 1.76 1.80	37.38 1.23 0.00	38.04 1.01 0.00	36.84 0.93 0.00	35.01 0.40 0.00	35.88 0.19 1.92	36.51 0.32 7.01	67.66 0.98 0.00	44.76 0.73 28.21	21.24 0.84 47.52	50.96 0.50 23.56	48.71 0.78 10.68	18.51 0.47 29.99	12.82 0.36 36.17	21.58 0.36 28.72	19.00 0.54 33.45	21.76 0.56 34.64	65.26 1.59 0.00	58.53 2.07 0.00	31.32 1.99 32.05	54.94 1.81 0.58	58.49 0.99 14.98	58.66 0.47 20.18	54.25 0.32 12.65
HOMER_HL_115KV_TB2 355744	37.77 1.31 0.00	37.82 1.67 0.00	38.66 1.63 0.00	37.34 1.42 0.00	36.33 1.72 0.00	38.95 1.35 0.00	44.23 1.04 0.00	68.73 2.05 0.00	74.20 1.96 0.00	70.49 2.56 0.00	77.07 3.04 0.00	61.15 2.53 0.00	50.08 2.05 0.00	50.58 1.95 0.00	51.91 1.97 0.00	53.76 1.84 0.00	57.64 1.80 0.00	64.90 1.23 0.00	57.61 1.15 0.00	62.87 1.49 0.00	55.05 1.34 0.00	73.84 1.36 0.00	79.99 1.63 0.00	68.02 1.43 0.00
HOWARD_WT_PWR 323690	35.62 -0.85 0.00	35.92 -0.24 0.00	36.86 -0.17 0.00	35.96 0.04 0.00	34.72 0.11 0.00	37.72 0.11 0.00	43.50 0.31 0.00	67.96 1.27 0.00	73.74 1.50 0.00	69.79 1.87 0.00	76.33 2.31 0.00	60.77 2.16 0.00	49.69 1.67 0.00	50.14 1.51 0.00	51.75 1.81 0.00	53.77 1.85 0.00	57.57 1.72 0.00	64.99 1.32 0.00	57.96 1.50 0.00	63.28 1.90 0.00	55.35 1.64 0.00	74.14 1.66 0.00	80.00 1.64 0.00	67.83 1.24 0.00

HQ_GEN_CEDARS 23644	36.90 0.43 0.00	36.60 0.45 0.00	37.51 0.48 0.00	36.36 0.44 0.00	35.01 0.39 0.00	37.97 0.37 0.00	43.23 0.03 0.00	66.39 -0.30 0.00	71.86 -0.39 0.00	68.40 0.47 0.00	74.78 0.76 0.00	59.39 0.77 0.00	48.72 0.69 0.00	49.28 0.65 0.00	50.58 0.64 0.00	52.65 0.73 0.00	56.65 0.81 0.00	64.48 0.81 0.00	56.29 -0.17 0.00	61.07 -0.30 0.00	52.94 -0.77 0.00	72.92 0.44 0.00	78.92 0.56 0.00	66.91 0.32 0.00
HQ_GEN_CEDARS_PROXY 323590	36.90 0.44 0.00	36.60 0.45 0.00	37.51 0.48 0.00	36.36 0.44 0.00	35.01 0.39 0.00	37.97 0.37 0.00	43.23 0.03 0.00	66.39 -0.30 0.00	71.86 -0.38 0.00	69.09 0.48 -0.69	74.78 0.76 0.00	59.39 0.77 0.00	48.72 0.69 0.00	49.28 0.65 0.00	50.57 0.64 0.00	52.64 0.73 0.00	56.65 0.81 0.00	64.48 0.81 0.00	56.29 -0.17 0.00	61.07 -0.30 0.00	52.94 -0.77 0.00	72.92 0.44 0.00	78.92 0.56 0.00	62.31 0.32 4.60
HQ_GEN_IMPORT 323601	36.56 0.09 0.00	36.25 0.09 0.00	37.14 0.10 0.00	36.01 0.09 0.00	34.68 0.06 0.00	37.64 0.04 0.00	43.16 -0.03 0.00	66.35 -0.34 0.00	71.89 -0.36 0.00	67.88 -0.05 0.00	74.11 0.09 0.00	58.77 0.15 0.00	48.17 0.15 0.00	48.78 0.15 0.00	50.08 0.14 0.00	52.09 0.16 0.00	56.04 0.19 0.00	63.82 0.15 0.00	56.20 -0.26 0.00	60.96 -0.42 0.00	53.31 -0.40 0.00	72.64 0.17 0.00	82.18 0.22 -3.60	56.19 0.10 10.50
HQ_GEN_WHEEL 23651	36.56 0.09 0.00	36.25 0.09 0.00	37.14 0.10 0.00	36.01 0.09 0.00	34.68 0.06 0.00	37.64 0.04 0.00	43.16 -0.03 0.00	66.35 -0.34 0.00	71.89 -0.36 0.00	67.88 -0.05 0.00	74.11 0.09 0.00	58.77 0.15 0.00	48.17 0.15 0.00	48.78 0.15 0.00	50.08 0.14 0.00	52.09 0.16 0.00	56.04 0.19 0.00	63.82 0.15 0.00	56.20 -0.26 0.00	60.96 -0.42 0.00	53.31 -0.40 0.00	72.64 0.17 0.00	82.18 0.22 -3.60	56.19 0.10 10.50
HUDSON AVE_GT_3 23810	37.96 1.49 0.00	37.43 1.27 0.00	38.26 1.23 0.00	37.18 1.26 0.00	35.79 1.18 0.00	38.97 1.36 0.00	44.82 1.63 0.00	69.55 2.87 0.00	75.54 3.29 0.00	70.71 2.78 0.00	76.86 2.83 0.00	60.95 2.33 0.00	49.88 1.85 0.00	50.58 1.95 0.00	51.91 1.97 0.00	54.07 2.15 0.00	58.04 2.20 0.00	66.20 2.53 0.00	59.17 2.70 0.00	64.58 3.20 0.00	56.65 2.94 0.00	75.40 2.92 0.00	81.50 3.14 0.00	69.30 2.71 0.00
HUDSON AVE_GT_4 23540	37.96 1.49 0.00	37.43 1.27 0.00	38.26 1.23 0.00	37.18 1.26 0.00	35.79 1.18 0.00	38.97 1.36 0.00	44.82 1.63 0.00	69.55 2.87 0.00	75.54 3.29 0.00	70.71 2.78 0.00	76.86 2.83 0.00	60.95 2.33 0.00	49.88 1.85 0.00	50.58 1.95 0.00	51.91 1.97 0.00	54.07 2.15 0.00	58.04 2.20 0.00	66.20 2.53 0.00	59.17 2.70 0.00	64.58 3.20 0.00	56.65 2.94 0.00	75.40 2.92 0.00	81.50 3.14 0.00	69.30 2.71 0.00
HUDSON AVE_GT_5 23657	37.96 1.49 0.00	37.43 1.27 0.00	38.26 1.23 0.00	37.18 1.26 0.00	35.79 1.18 0.00	38.97 1.36 0.00	44.82 1.63 0.00	69.55 2.87 0.00	75.54 3.29 0.00	70.71 2.78 0.00	76.86 2.83 0.00	60.95 2.33 0.00	49.88 1.85 0.00	50.58 1.95 0.00	51.91 1.97 0.00	54.07 2.15 0.00	58.04 2.20 0.00	66.20 2.53 0.00	59.17 2.70 0.00	64.58 3.20 0.00	56.65 2.94 0.00	75.40 2.92 0.00	81.50 3.14 0.00	69.30 2.71 0.00
HUDSON_AVE_10 24168	37.75 1.28 0.00	37.26 1.10 0.00	38.10 1.07 0.00	37.02 1.10 0.00	35.64 1.02 0.00	38.80 1.19 0.00	44.62 1.42 0.00	69.26 2.57 0.00	76.49 2.94 -1.30	72.25 2.44 -1.88	76.85 2.51 -0.31	60.72 2.10 0.00	49.67 1.65 0.00	50.49 1.72 -0.14	52.98 1.68 -1.36	55.14 1.83 -1.38	59.30 1.86 -1.59	65.91 2.24 0.00	58.92 2.46 0.00	64.32 2.94 0.00	56.41 2.71 0.00	75.51 2.61 -0.42	81.70 2.86 -0.48	69.06 2.47 0.00
HUDSON___115KV_TB 4 355613	37.87 1.41 0.00	37.55 1.40 0.00	38.48 1.45 0.00	37.36 1.45 0.00	35.94 1.33 0.00	39.18 1.57 0.00	45.12 1.92 0.00	69.92 3.23 0.00	75.61 3.36 0.00	70.21 2.28 0.00	75.43 1.41 0.00	59.33 0.71 0.00	48.58 0.56 0.00	49.01 0.39 0.00	50.73 0.80 0.00	52.82 0.90 0.00	57.18 1.33 0.00	65.51 1.84 0.00	58.42 1.96 0.00	63.49 2.11 0.00	55.53 1.82 0.00	74.37 1.89 0.00	80.23 1.87 0.00	68.10 1.51 0.00
HUNTER MOUNT___DRP 323613	38.04 1.57 0.00	37.72 1.57 0.00	38.65 1.62 0.00	37.54 1.62 0.00	36.11 1.50 0.00	39.38 1.77 0.00	45.37 2.18 0.00	70.35 3.67 0.00	76.09 3.84 0.00	70.69 2.76 0.00	75.99 1.96 0.00	59.58 0.96 0.00	48.74 0.71 0.00	49.22 0.59 0.00	50.95 1.01 0.00	53.03 1.13 0.00	57.49 1.65 0.00	65.91 2.24 0.00	58.79 2.33 0.00	63.89 2.52 0.00	55.86 2.15 0.00	74.81 2.34 0.00	80.69 2.33 0.00	68.45 1.86 0.00
HUNTINGTON_RES_REC 323705	36.13 1.46 1.80	37.11 0.96 0.00	37.75 0.73 0.00	36.57 0.66 0.00	34.78 0.17 0.00	35.65 -0.04 1.92	36.21 0.00 6.99	67.18 0.49 0.00	44.40 0.28 28.13	20.84 0.29 47.38	50.56 0.02 23.49	48.38 0.41 10.65	18.28 0.15 29.90	12.74 0.17 36.06	21.40 0.09 28.63	18.78 0.21 33.35	21.51 0.20 34.53	64.61 0.94 0.00	57.92 1.46 0.00	30.89 1.47 31.96	54.53 1.40 0.58	58.00 0.46 14.93	58.20 -0.05 20.12	53.95 -0.02 12.61
HUNTLEY___63 23557	36.29 -0.17 0.00	36.26 0.11 0.00	36.97 -0.06 0.00	35.54 -0.37 0.00	34.52 -0.10 0.00	37.09 -0.52 0.00	42.36 -0.84 0.00	65.63 -1.06 0.00	71.10 -1.14 0.00	67.97 0.04 0.00	74.90 0.87 0.00	59.32 0.70 0.00	48.38 0.36 0.00	48.63 0.00 0.00	49.90 -0.04 0.00	51.65 -0.27 0.00	55.12 -0.72 0.00	62.07 -1.60 0.00	55.25 -1.21 0.00	60.15 -1.23 0.00	52.85 -0.86 0.00	71.37 -1.11 0.00	77.64 -0.72 0.00	65.88 -0.71 0.00
HUNTLEY___64 23558	36.29 -0.17 0.00	36.26 0.11 0.00	36.97 -0.06 0.00	35.54 -0.37 0.00	34.52 -0.10 0.00	37.09 -0.52 0.00	42.36 -0.84 0.00	65.63 -1.06 0.00	71.10 -1.14 0.00	67.97 0.04 0.00	74.90 0.87 0.00	59.32 0.70 0.00	48.38 0.36 0.00	48.63 0.00 0.00	49.90 -0.04 0.00	51.65 -0.27 0.00	55.12 -0.72 0.00	62.07 -1.60 0.00	55.25 -1.21 0.00	60.15 -1.23 0.00	52.85 -0.86 0.00	71.37 -1.11 0.00	77.64 -0.72 0.00	65.88 -0.71 0.00
HUNTLEY___65 23559	36.29 -0.17 0.00	36.26 0.11 0.00	36.97 -0.06 0.00	35.54 -0.37 0.00	34.52 -0.10 0.00	37.09 -0.52 0.00	42.36 -0.84 0.00	65.63 -1.06 0.00	71.10 -1.14 0.00	67.97 0.04 0.00	74.90 0.87 0.00	59.32 0.70 0.00	48.38 0.36 0.00	48.63 0.00 0.00	49.90 -0.04 0.00	51.65 -0.27 0.00	55.12 -0.72 0.00	62.07 -1.60 0.00	55.25 -1.21 0.00	60.15 -1.23 0.00	52.85 -0.86 0.00	71.37 -1.11 0.00	77.64 -0.72 0.00	65.88 -0.71 0.00
HUNTLEY___66 23560	36.29 -0.17 0.00	36.26 0.11 0.00	36.97 -0.06 0.00	35.54 -0.37 0.00	34.52 -0.10 0.00	37.09 -0.52 0.00	42.36 -0.84 0.00	65.63 -1.06 0.00	71.10 -1.14 0.00	67.97 0.04 0.00	74.90 0.87 0.00	59.32 0.70 0.00	48.38 0.36 0.00	48.63 0.00 0.00	49.90 -0.04 0.00	51.65 -0.27 0.00	55.12 -0.72 0.00	62.07 -1.60 0.00	55.25 -1.21 0.00	60.15 -1.23 0.00	52.85 -0.86 0.00	71.37 -1.11 0.00	77.64 -0.72 0.00	65.88 -0.71 0.00

HUNTLEY___67 23561	36.16 -0.31 0.00	36.14 -0.01 0.00	36.85 -0.17 0.00	35.47 -0.45 0.00	34.44 -0.17 0.00	36.98 -0.63 0.00	42.23 -0.97 0.00	65.45 -1.24 0.00	70.85 -1.39 0.00	67.66 -0.26 0.00	74.53 0.50 0.00	58.99 0.37 0.00	48.09 0.07 0.00	48.33 -0.30 0.00	49.57 -0.37 0.00	51.32 -0.60 0.00	54.86 -0.99 0.00	61.88 -1.79 0.00	55.09 -1.37 0.00	59.95 -1.43 0.00	52.66 -1.05 0.00	71.08 -1.39 0.00	77.32 -1.04 0.00	65.55 -1.04 0.00
HUNTLEY___68 23562	36.16 -0.31 0.00	36.14 -0.01 0.00	36.85 -0.17 0.00	35.47 -0.45 0.00	34.44 -0.17 0.00	36.98 -0.63 0.00	42.23 -0.97 0.00	65.45 -1.24 0.00	70.85 -1.39 0.00	67.66 -0.26 0.00	74.53 0.50 0.00	58.99 0.37 0.00	48.09 0.07 0.00	48.33 -0.30 0.00	49.57 -0.37 0.00	51.32 -0.60 0.00	54.86 -0.99 0.00	61.88 -1.79 0.00	55.09 -1.37 0.00	59.95 -1.43 0.00	52.66 -1.05 0.00	71.08 -1.39 0.00	77.32 -1.04 0.00	65.55 -1.04 0.00
HYLAND___LFG 323620	37.67 1.21 0.00	37.63 1.47 0.00	38.50 1.47 0.00	37.29 1.38 0.00	36.13 1.52 0.00	39.16 1.55 0.00	45.34 2.14 0.00	70.61 3.92 0.00	76.26 4.02 0.00	71.37 3.44 0.00	78.04 4.02 0.00	61.91 3.29 0.00	50.30 2.27 0.00	50.74 2.11 0.00	52.10 2.16 0.00	54.16 2.24 0.00	58.47 2.62 0.00	66.45 2.78 0.00	59.30 2.84 0.00	64.99 3.61 0.00	56.94 3.23 0.00	76.35 3.87 0.00	82.36 4.00 0.00	69.67 3.08 0.00
INDECK___CORINTH 23802	38.03 1.57 0.00	37.61 1.46 0.00	38.56 1.53 0.00	37.42 1.50 0.00	36.06 1.45 0.00	39.35 1.74 0.00	45.47 2.28 0.00	70.66 3.97 0.00	76.66 4.42 0.00	71.06 3.14 0.00	77.31 3.28 0.00	60.96 2.34 0.00	49.93 1.91 0.00	50.51 1.88 0.00	51.83 1.88 0.00	53.82 1.90 0.00	58.23 2.38 0.00	66.89 3.22 0.00	59.59 3.13 0.00	64.68 3.30 0.00	56.57 2.86 0.00	75.69 3.21 0.00	81.61 3.25 0.00	69.36 2.77 0.00
INDECK___ILION 23567	35.93 -0.53 0.00	35.58 -0.58 0.00	36.45 -0.58 0.00	35.43 -0.48 0.00	34.10 -0.51 0.00	37.25 -0.36 0.00	42.97 -0.23 0.00	66.84 0.15 0.00	72.55 0.31 0.00	67.13 -0.80 0.00	72.33 -1.70 0.00	56.95 -1.67 0.00	46.56 -1.46 0.00	46.86 -1.77 0.00	48.21 -1.73 0.00	49.67 -2.25 0.00	53.71 -2.14 0.00	62.17 -1.50 0.00	56.12 -0.34 0.00	61.13 -0.24 0.00	53.45 -0.26 0.00	71.36 -1.12 0.00	76.64 -1.72 0.00	65.22 -1.37 0.00
INDECK___OLEAN 23982	37.77 1.31 0.00	37.82 1.67 0.00	38.66 1.63 0.00	37.34 1.42 0.00	36.33 1.72 0.00	38.95 1.35 0.00	44.23 1.03 0.00	68.73 2.04 0.00	74.21 1.97 0.00	70.52 2.59 0.00	77.07 3.04 0.00	61.14 2.53 0.00	50.08 2.05 0.00	50.58 1.95 0.00	51.92 1.98 0.00	53.77 1.85 0.00	57.64 1.79 0.00	64.91 1.24 0.00	57.61 1.15 0.00	62.87 1.50 0.00	55.08 1.37 0.00	73.81 1.33 0.00	79.98 1.62 0.00	68.02 1.43 0.00
INDECK___OSWEGO 23783	35.79 -0.68 0.00	35.50 -0.65 0.00	36.35 -0.68 0.00	35.26 -0.65 0.00	34.03 -0.58 0.00	36.98 -0.62 0.00	42.54 -0.66 0.00	65.83 -0.86 0.00	71.28 -0.96 0.00	67.03 -0.90 0.00	73.10 -0.92 0.00	57.81 -0.80 0.00	47.36 -0.66 0.00	47.93 -0.70 0.00	49.20 -0.74 0.00	51.14 -0.77 0.00	54.98 -0.87 0.00	62.66 -1.01 0.00	55.69 -0.77 0.00	60.61 -0.77 0.00	53.06 -0.66 0.00	71.38 -1.10 0.00	77.19 -1.17 0.00	65.63 -0.96 0.00
INDECK___YERKES 23781	36.33 -0.13 0.00	36.30 0.15 0.00	37.01 -0.02 0.00	35.58 -0.34 0.00	34.55 -0.06 0.00	37.12 -0.48 0.00	42.38 -0.82 0.00	65.71 -0.98 0.00	71.19 -1.06 0.00	68.07 0.14 0.00	74.98 0.95 0.00	59.37 0.76 0.00	48.43 0.40 0.00	48.69 0.07 0.00	49.95 0.01 0.00	51.72 -0.19 0.00	55.17 -0.67 0.00	62.14 -1.53 0.00	55.30 -1.16 0.00	60.22 -1.16 0.00	52.92 -0.79 0.00	71.41 -1.07 0.00	77.73 -0.63 0.00	65.94 -0.65 0.00
INDIAN POINT_GT_1 24139	37.50 1.04 0.00	37.01 0.85 0.00	37.88 0.85 0.00	36.80 0.88 0.00	35.42 0.81 0.00	38.55 0.94 0.00	44.30 1.10 0.00	68.65 1.96 0.00	74.40 2.16 0.00	69.66 1.74 0.00	75.68 1.66 0.00	59.99 1.38 0.00	49.12 1.10 0.00	49.80 1.17 0.00	51.13 1.19 0.00	53.25 1.34 0.00	57.20 1.36 0.00	65.27 1.60 0.00	58.36 1.90 0.00	63.69 2.31 0.00	55.75 2.04 0.00	74.28 1.80 0.00	80.24 1.88 0.00	68.20 1.61 0.00
INDIAN POINT_GT_2 23659	37.50 1.04 0.00	37.01 0.85 0.00	37.88 0.85 0.00	36.80 0.88 0.00	35.42 0.81 0.00	38.55 0.94 0.00	44.30 1.10 0.00	68.65 1.96 0.00	74.40 2.16 0.00	69.66 1.74 0.00	75.68 1.66 0.00	59.99 1.38 0.00	49.12 1.10 0.00	49.80 1.17 0.00	51.13 1.19 0.00	53.25 1.34 0.00	57.20 1.36 0.00	65.27 1.60 0.00	58.36 1.90 0.00	63.69 2.31 0.00	55.75 2.04 0.00	74.28 1.80 0.00	80.24 1.88 0.00	68.20 1.61 0.00
INDIAN POINT_GT_3 24019	37.50 1.04 0.00	37.01 0.85 0.00	37.88 0.85 0.00	36.80 0.88 0.00	35.42 0.81 0.00	38.55 0.94 0.00	44.30 1.10 0.00	68.65 1.96 0.00	74.40 2.16 0.00	69.66 1.74 0.00	75.68 1.66 0.00	59.99 1.38 0.00	49.12 1.10 0.00	49.80 1.17 0.00	51.13 1.19 0.00	53.25 1.34 0.00	57.20 1.36 0.00	65.27 1.60 0.00	58.36 1.90 0.00	63.69 2.31 0.00	55.75 2.04 0.00	74.28 1.80 0.00	80.24 1.88 0.00	68.20 1.61 0.00
INDIAN POINT___2 23530	37.41 0.94 0.00	36.91 0.76 0.00	37.80 0.77 0.00	36.73 0.81 0.00	35.36 0.75 0.00	38.49 0.88 0.00	44.19 0.99 0.00	68.45 1.76 0.00	74.12 1.88 0.00	69.42 1.49 0.00	75.44 1.41 0.00	59.81 1.19 0.00	48.97 0.94 0.00	49.65 1.02 0.00	50.97 1.03 0.00	53.09 1.17 0.00	57.01 1.17 0.00	65.03 1.36 0.00	58.16 1.70 0.00	63.50 2.12 0.00	55.56 1.85 0.00	74.02 1.54 0.00	79.94 1.58 0.00	67.96 1.37 0.00
INDIAN POINT___3 23531	37.53 1.06 0.00	37.04 0.88 0.00	37.91 0.88 0.00	36.82 0.90 0.00	35.45 0.83 0.00	38.57 0.97 0.00	44.31 1.12 0.00	68.69 2.00 0.00	74.45 2.21 0.00	69.71 1.79 0.00	75.74 1.72 0.00	60.04 1.42 0.00	49.16 1.13 0.00	49.85 1.22 0.00	51.16 1.22 0.00	53.28 1.37 0.00	57.25 1.40 0.00	65.31 1.64 0.00	58.39 1.93 0.00	63.72 2.34 0.00	55.79 2.08 0.00	74.32 1.84 0.00	80.32 1.96 0.00	68.28 1.69 0.00
INGHAM_C_115KV_TB7 356103	35.75 -0.72 0.00	35.39 -0.76 0.00	36.27 -0.76 0.00	35.27 -0.65 0.00	33.92 -0.70 0.00	37.05 -0.55 0.00	42.73 -0.47 0.00	66.48 -0.21 0.00	72.14 -0.10 0.00	66.67 -1.26 0.00	71.78 -2.25 0.00	56.45 -2.17 0.00	46.14 -1.88 0.00	46.42 -2.21 0.00	47.79 -2.15 0.00	49.17 -2.74 0.00	53.16 -2.69 0.00	61.67 -2.00 0.00	55.76 -0.70 0.00	60.78 -0.60 0.00	53.20 -0.51 0.00	70.96 -1.52 0.00	76.18 -2.18 0.00	64.83 -1.76 0.00
IP CORINTH___1 23988	38.03 1.57 0.00	37.61 1.46 0.00	38.56 1.53 0.00	37.42 1.50 0.00	36.06 1.45 0.00	39.35 1.74 0.00	45.47 2.27 0.00	70.66 3.97 0.00	76.66 4.42 0.00	71.07 3.14 0.00	77.31 3.28 0.00	60.96 2.34 0.00	49.93 1.91 0.00	50.51 1.88 0.00	51.83 1.89 0.00	53.82 1.90 0.00	58.23 2.38 0.00	66.89 3.22 0.00	59.59 3.13 0.00	64.68 3.30 0.00	56.58 2.87 0.00	75.68 3.20 0.00	81.61 3.25 0.00	69.36 2.77 0.00

IP___TICONDEROGA 23804	38.89 2.43 0.00	38.18 2.02 0.00	39.18 2.15 0.00	38.03 2.11 0.00	36.89 2.28 0.00	40.37 2.76 0.00	46.92 3.72 0.00	73.35 6.66 0.00	79.68 7.44 0.00	72.86 4.94 0.00	79.68 5.66 0.00	62.26 3.64 0.00	51.40 3.38 0.00	52.08 3.45 0.00	53.13 3.19 0.00	55.17 3.26 0.00	60.33 4.48 0.00	69.52 5.85 0.00	61.90 5.44 0.00	66.75 5.37 0.00	58.47 4.75 0.00	77.74 5.26 0.00	82.99 4.63 0.00	70.82 4.23 0.00
ISLIP_RES_REC 323679	36.64 1.88 1.71	37.49 1.34 0.00	38.16 1.13 0.00	36.95 1.03 0.00	35.12 0.51 0.00	36.02 0.32 1.91	36.70 0.47 6.97	67.94 1.25 0.00	45.24 1.04 28.05	21.84 1.16 47.24	51.42 0.82 23.42	49.04 1.02 10.60	18.90 0.66 29.78	13.27 0.53 35.89	21.95 0.55 28.55	19.41 0.75 33.26	22.20 0.75 34.40	65.53 1.87 0.00	58.80 2.34 0.00	31.87 2.27 31.78	55.19 2.06 0.58	58.90 1.29 14.87	59.06 0.76 20.06	54.55 0.54 12.58
JAMAICA__27_KV_LOAD 355505	37.58 1.11 0.00	37.19 1.03 0.00	38.08 1.05 0.00	36.98 1.06 0.00	35.60 0.99 0.00	38.75 1.14 0.00	44.52 1.32 0.00	69.22 2.53 0.00	76.71 2.83 -1.64	72.61 2.32 -2.36	76.95 2.53 -0.39	60.79 2.17 0.00	49.68 1.65 0.00	50.50 1.70 -0.17	53.16 1.51 -1.70	55.33 1.67 -1.74	59.48 1.63 -2.00	65.89 2.23 0.00	58.95 2.48 0.00	64.40 3.02 0.00	56.43 2.72 0.00	75.60 2.59 -0.53	81.95 2.99 -0.61	69.26 2.67 0.00
JANIS___SOLAR 323808	37.39 0.93 0.00	37.22 1.07 0.00	38.19 1.16 0.00	37.09 1.18 0.00	35.94 1.33 0.00	39.13 1.52 0.00	45.20 2.00 0.00	70.13 3.44 0.00	75.77 3.53 0.00	71.01 3.09 0.00	77.85 3.83 0.00	61.51 2.89 0.00	50.59 2.57 0.00	50.91 2.28 0.00	52.29 2.35 0.00	54.59 2.67 0.00	58.72 2.88 0.00	66.89 3.22 0.00	59.73 3.27 0.00	65.26 3.88 0.00	57.14 3.42 0.00	76.51 4.03 0.00	82.54 4.18 0.00	69.99 3.40 0.00
JARVIS____ 23743	36.41 -0.05 0.00	36.10 -0.06 0.00	36.99 -0.04 0.00	35.88 -0.04 0.00	34.58 -0.03 0.00	37.61 0.00 0.00	43.22 0.03 0.00	66.84 0.15 0.00	72.43 0.19 0.00	67.94 0.01 0.00	73.97 -0.05 0.00	58.56 -0.06 0.00	47.94 -0.08 0.00	48.58 -0.05 0.00	49.89 -0.05 0.00	51.86 -0.06 0.00	55.79 -0.06 0.00	63.67 0.00 0.00	56.59 0.13 0.00	61.56 0.19 0.00	53.88 0.17 0.00	72.48 0.00 0.00	78.35 -0.01 0.00	66.59 0.00 0.00
JENNISON___1 23625	36.58 0.12 0.00	36.47 0.31 0.00	37.50 0.47 0.00	36.54 0.62 0.00	35.31 0.70 0.00	38.37 0.76 0.00	44.29 1.10 0.00	68.83 2.14 0.00	74.85 2.61 0.00	70.26 2.34 0.00	76.80 2.78 0.00	61.23 2.61 0.00	50.49 2.46 0.00	50.80 2.17 0.00	52.14 2.20 0.00	54.43 2.51 0.00	58.51 2.66 0.00	66.35 2.68 0.00	59.18 2.72 0.00	64.89 3.51 0.00	56.80 3.09 0.00	75.96 3.48 0.00	82.17 3.81 0.00	69.83 3.24 0.00
JENNISON___2 23626	36.58 0.12 0.00	36.47 0.31 0.00	37.50 0.47 0.00	36.54 0.62 0.00	35.31 0.70 0.00	38.37 0.76 0.00	44.29 1.10 0.00	68.83 2.14 0.00	74.85 2.61 0.00	70.26 2.34 0.00	76.80 2.78 0.00	61.23 2.61 0.00	50.49 2.46 0.00	50.80 2.17 0.00	52.14 2.20 0.00	54.43 2.51 0.00	58.51 2.66 0.00	66.35 2.68 0.00	59.18 2.72 0.00	64.89 3.51 0.00	56.80 3.09 0.00	75.96 3.48 0.00	82.17 3.81 0.00	69.83 3.24 0.00
JERICHO_RISE_WT_PWR 323719	36.98 0.52 0.00	36.61 0.45 0.00	37.63 0.59 0.00	36.53 0.62 0.00	35.23 0.61 0.00	38.30 0.70 0.00	43.92 0.72 0.00	67.45 0.76 0.00	72.98 0.74 0.00	68.74 0.82 0.00	75.06 1.03 0.00	59.54 0.93 0.00	48.88 0.86 0.00	49.40 0.77 0.00	50.64 0.70 0.00	52.66 0.74 0.00	56.85 1.01 0.00	64.77 1.10 0.00	56.96 0.50 0.00	61.59 0.21 0.00	54.22 0.51 0.00	73.58 1.10 0.00	79.62 1.26 0.00	67.47 0.88 0.00
KATONAH___115KV_46KV_TB4 355592	37.81 1.35 0.00	37.31 1.16 0.00	38.16 1.13 0.00	37.06 1.14 0.00	35.68 1.07 0.00	38.85 1.25 0.00	44.70 1.50 0.00	69.34 2.65 0.00	75.22 2.97 0.00	70.39 2.46 0.00	76.49 2.47 0.00	60.59 1.97 0.00	49.60 1.58 0.00	50.25 1.62 0.00	51.58 1.64 0.00	53.74 1.82 0.00	57.75 1.90 0.00	65.91 2.24 0.00	58.94 2.48 0.00	64.28 2.90 0.00	56.30 2.59 0.00	75.01 2.54 0.00	81.02 2.66 0.00	68.87 2.28 0.00
KCE_NY_1 323755	37.74 1.27 0.00	37.39 1.24 0.00	38.32 1.29 0.00	37.17 1.25 0.00	35.77 1.15 0.00	39.03 1.42 0.00	44.97 1.77 0.00	69.72 3.03 0.00	75.54 3.29 0.00	70.35 2.42 0.00	76.50 2.48 0.00	60.36 1.74 0.00	49.46 1.44 0.00	50.01 1.38 0.00	51.52 1.58 0.00	53.41 1.49 0.00	57.66 1.82 0.00	66.20 2.53 0.00	58.97 2.51 0.00	64.09 2.71 0.00	56.05 2.34 0.00	75.14 2.66 0.00	81.00 2.64 0.00	68.77 2.18 0.00
KCE_NY_6_ESR 323823	36.78 0.32 0.00	36.79 0.64 0.00	37.50 0.47 0.00	36.12 0.20 0.00	35.09 0.48 0.00	37.70 0.09 0.00	43.08 -0.12 0.00	66.84 0.15 0.00	72.33 0.09 0.00	69.06 1.14 0.00	76.00 1.98 0.00	60.17 1.55 0.00	49.06 1.04 0.00	49.33 0.70 0.00	50.51 0.57 0.00	52.23 0.32 0.00	55.94 0.09 0.00	63.22 -0.45 0.00	56.28 -0.18 0.00	61.23 -0.15 0.00	53.77 0.06 0.00	72.43 -0.04 0.00	78.68 0.32 0.00	66.72 0.13 0.00
KEDC_PORT_JEFF_GT2 24210	36.32 1.71 1.85	37.33 1.18 0.00	37.97 0.95 0.00	36.79 0.88 0.00	34.96 0.34 0.00	35.82 0.14 1.93	36.41 0.25 7.03	67.57 0.89 0.00	44.57 0.62 28.30	21.01 0.74 47.66	50.78 0.38 23.62	48.58 0.68 10.72	18.34 0.41 30.09	12.62 0.30 36.31	21.42 0.28 28.80	18.84 0.47 33.55	21.56 0.47 34.75	65.17 1.50 0.00	58.45 1.99 0.00	31.09 1.90 32.19	54.87 1.75 0.59	58.34 0.89 15.03	58.49 0.37 20.24	54.12 0.22 12.69
KEDC_PORT_JEFF_GT3 24211	36.32 1.71 1.85	37.33 1.18 0.00	37.97 0.95 0.00	36.79 0.88 0.00	34.96 0.34 0.00	35.82 0.14 1.93	36.41 0.25 7.03	67.57 0.89 0.00	44.57 0.62 28.30	21.01 0.74 47.66	50.78 0.38 23.62	48.58 0.68 10.72	18.34 0.41 30.09	12.62 0.30 36.31	21.42 0.28 28.80	18.84 0.47 33.55	21.56 0.47 34.75	65.17 1.50 0.00	58.45 1.99 0.00	31.09 1.90 32.19	54.87 1.75 0.59	58.34 0.89 15.03	58.49 0.37 20.24	54.12 0.22 12.69
KEDC_GLWD_GT4 24219	42.09 1.63 -3.99	37.46 1.30 -0.01	38.20 1.17 -0.01	37.07 1.16 0.00	35.56 0.95 0.00	38.03 1.03 0.60	42.22 1.23 2.20	68.77 2.08 0.00	66.45 2.54 8.33	55.79 2.02 14.16	68.71 1.96 7.28	58.49 1.98 2.11	42.22 1.49 7.30	42.93 1.54 7.24	42.99 1.52 8.47	43.66 1.69 9.95	49.37 1.77 8.24	65.92 2.24 -0.01	58.78 2.31 -0.01	59.21 2.67 4.84	56.17 2.53 0.08	71.41 2.16 3.23	74.58 2.31 6.09	64.62 2.01 3.98
KEDC_GLWD_GT5 24220	42.09 1.63 -3.99	37.46 1.30 -0.01	38.20 1.17 -0.01	37.07 1.16 0.00	35.56 0.95 0.00	38.03 1.03 0.60	42.22 1.23 2.20	68.77 2.08 0.00	66.45 2.54 8.33	55.79 2.02 14.16	68.71 1.96 7.28	58.49 1.98 2.11	42.22 1.49 7.30	42.93 1.54 7.24	42.99 1.52 8.47	43.66 1.69 9.95	49.37 1.77 8.24	65.92 2.24 -0.01	58.78 2.31 -0.01	59.21 2.67 4.84	56.17 2.53 0.08	71.41 2.16 3.23	74.58 2.31 6.09	64.62 2.01 3.98

KENSICO____ 23655	37.73 1.26 0.00	37.21 1.06 0.00	38.06 1.03 0.00	36.96 1.05 0.00	35.57 0.96 0.00	38.72 1.11 0.00	44.53 1.33 0.00	69.06 2.37 0.00	74.93 2.69 0.00	70.14 2.21 0.00	76.19 2.17 0.00	60.40 1.78 0.00	49.45 1.43 0.00	50.14 1.51 0.00	51.47 1.53 0.00	53.60 1.68 0.00	57.59 1.74 0.00	65.72 2.05 0.00	58.74 2.28 0.00	64.07 2.70 0.00	56.13 2.42 0.00	74.77 2.30 0.00	80.79 2.43 0.00	68.69 2.10 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.20 1.74 0.00	37.71 1.55 0.00	38.60 1.57 0.00	37.48 1.56 0.00	36.12 1.51 0.00	39.33 1.72 0.00	45.25 2.06 0.00	70.16 3.47 0.00	76.02 3.78 0.00	71.21 3.29 0.00	77.40 3.38 0.00	61.34 2.72 0.00	50.17 2.15 0.00	50.81 2.18 0.00	52.05 2.12 0.00	54.15 2.23 0.00	58.25 2.41 0.00	66.45 2.78 0.00	59.42 2.96 0.00	64.86 3.48 0.00	56.79 3.08 0.00	75.74 3.27 0.00	81.73 3.37 0.00	69.39 2.80 0.00
KIAC_JFK_GT1 23816	37.36 0.89 0.00	36.96 0.81 0.00	37.84 0.81 0.00	36.76 0.84 0.00	35.38 0.77 0.00	38.46 0.86 0.00	44.07 0.87 0.00	68.48 1.79 0.00	75.94 2.06 -1.64	71.88 1.59 -2.36	76.16 1.74 -0.39	60.17 1.55 0.00	49.16 1.14 0.00	49.99 1.19 -0.17	52.63 0.98 -1.70	54.77 1.11 -1.74	58.92 1.07 -2.00	65.23 1.57 0.00	58.34 1.88 0.00	63.74 2.36 0.00	55.87 2.16 0.00	74.80 1.80 -0.53	81.14 2.17 -0.61	68.57 1.98 0.00
KIAC_JFK_GT2 23817	37.36 0.89 0.00	36.96 0.81 0.00	37.84 0.81 0.00	36.76 0.84 0.00	35.38 0.77 0.00	38.46 0.86 0.00	44.07 0.87 0.00	68.48 1.79 0.00	75.94 2.06 -1.64	71.88 1.59 -2.36	76.16 1.74 -0.39	60.17 1.55 0.00	49.16 1.14 0.00	49.99 1.19 -0.17	52.63 0.98 -1.70	54.77 1.11 -1.74	58.92 1.07 -2.00	65.23 1.57 0.00	58.34 1.88 0.00	63.74 2.36 0.00	55.87 2.16 0.00	74.80 1.80 -0.53	81.14 2.17 -0.61	68.57 1.98 0.00
KIAC_JFK____ 323774	37.35 0.89 0.00	36.96 0.81 0.00	37.84 0.81 0.00	36.76 0.84 0.00	35.38 0.77 0.00	38.46 0.85 0.00	44.07 0.87 0.00	68.48 1.79 0.00	76.30 2.42 -1.64	72.21 1.92 -2.36	76.29 1.87 -0.39	60.17 1.55 0.00	49.16 1.14 0.00	50.02 1.22 -0.17	52.86 1.22 -1.70	55.02 1.37 -1.74	59.18 1.33 -2.00	65.23 1.57 0.00	58.34 1.88 0.00	63.73 2.36 0.00	55.86 2.15 0.00	74.96 1.95 -0.53	81.23 2.26 -0.61	68.57 1.98 0.00
KINTIGH____ 23543	36.14 -0.32 0.00	36.06 -0.09 0.00	36.82 -0.21 0.00	35.51 -0.41 0.00	34.43 -0.18 0.00	37.07 -0.53 0.00	42.39 -0.81 0.00	65.66 -1.03 0.00	71.05 -1.19 0.00	67.55 -0.37 0.00	74.18 0.16 0.00	58.71 0.09 0.00	47.94 -0.08 0.00	48.26 -0.37 0.00	49.57 -0.37 0.00	51.40 -0.52 0.00	55.00 -0.84 0.00	62.11 -1.55 0.00	55.23 -1.24 0.00	60.15 -1.23 0.00	52.77 -0.94 0.00	71.14 -1.34 0.00	77.28 -1.08 0.00	65.58 -1.01 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.59 1.12 0.00	37.22 1.06 0.00	38.20 1.18 0.00	37.11 1.19 0.00	35.81 1.20 0.00	39.00 1.40 0.00	44.78 1.58 0.00	68.82 2.13 0.00	74.41 2.17 0.00	69.87 1.94 0.00	76.15 2.13 0.00	60.30 1.68 0.00	49.46 1.44 0.00	49.95 1.33 0.00	51.21 1.27 0.00	53.23 1.31 0.00	57.48 1.64 0.00	65.60 1.93 0.00	57.79 1.33 0.00	62.44 1.06 0.00	55.26 1.55 0.00	74.48 2.00 0.00	80.51 2.15 0.00	68.21 1.62 0.00
LACHUTE____HYDRO 323717	38.89 2.43 0.00	38.18 2.02 0.00	39.18 2.15 0.00	38.03 2.11 0.00	36.89 2.28 0.00	40.37 2.76 0.00	46.92 3.72 0.00	73.35 6.67 0.00	79.69 7.44 0.00	72.86 4.93 0.00	79.68 5.66 0.00	62.26 3.64 0.00	51.40 3.38 0.00	52.08 3.45 0.00	53.13 3.19 0.00	55.18 3.26 0.00	60.33 4.48 0.00	69.52 5.85 0.00	61.90 5.44 0.00	66.75 5.37 0.00	58.46 4.75 0.00	77.74 5.26 0.00	82.99 4.62 0.00	70.82 4.23 0.00
LAWRNCALV_115KV_TB1 80681	36.32 -0.15 0.00	36.03 -0.12 0.00	36.95 -0.08 0.00	35.83 -0.08 0.00	34.50 -0.11 0.00	37.47 -0.14 0.00	42.75 -0.45 0.00	65.67 -1.02 0.00	71.09 -1.16 0.00	67.54 -0.39 0.00	73.95 -0.07 0.00	58.68 0.06 0.00	48.06 0.04 0.00	48.61 -0.02 0.00	49.91 -0.03 0.00	51.95 0.03 0.00	55.95 0.10 0.00	63.74 0.08 0.00	55.69 -0.77 0.00	60.43 -0.95 0.00	52.51 -1.20 0.00	72.19 -0.28 0.00	78.06 -0.31 0.00	66.12 -0.47 0.00
LEDERLE____ 23769	37.64 1.17 0.00	37.14 0.98 0.00	38.03 1.00 0.00	36.94 1.02 0.00	35.57 0.96 0.00	38.71 1.11 0.00	44.45 1.26 0.00	68.89 2.21 0.00	74.63 2.39 0.00	69.92 1.99 0.00	75.98 1.96 0.00	60.24 1.62 0.00	49.33 1.31 0.00	50.03 1.40 0.00	51.35 1.42 0.00	53.49 1.57 0.00	57.44 1.59 0.00	65.50 1.83 0.00	58.59 2.13 0.00	63.99 2.61 0.00	55.97 2.26 0.00	74.53 2.05 0.00	80.51 2.14 0.00	68.42 1.83 0.00
LIGHTHSE_115KV_TB6 355974	36.03 -0.44 0.00	35.75 -0.41 0.00	36.63 -0.39 0.00	35.58 -0.33 0.00	34.37 -0.24 0.00	37.41 -0.19 0.00	43.05 -0.15 0.00	66.74 0.05 0.00	72.25 0.01 0.00	67.98 0.06 0.00	74.30 0.27 0.00	58.60 -0.02 0.00	47.99 -0.03 0.00	48.60 -0.03 0.00	49.86 -0.08 0.00	51.88 -0.03 0.00	55.73 -0.11 0.00	63.66 -0.01 0.00	56.56 0.10 0.00	61.58 0.21 0.00	53.86 0.16 0.00	72.62 0.14 0.00	78.50 0.14 0.00	66.59 0.00 0.00
LINDEN COGEN____ 23786	37.72 1.26 0.00	37.19 1.04 0.00	38.03 1.00 0.00	36.98 1.06 0.00	35.60 0.98 0.00	38.76 1.15 0.00	44.58 1.38 0.00	69.13 2.44 0.00	74.97 2.73 0.00	70.15 2.22 0.00	76.24 2.21 0.00	60.49 1.87 0.00	49.51 1.48 0.00	50.19 1.56 0.00	51.52 1.58 0.00	53.70 1.78 0.00	57.61 1.76 0.00	65.69 2.02 0.00	58.72 2.26 0.00	64.14 2.76 0.00	56.24 2.53 0.00	74.83 2.36 0.00	80.84 2.47 0.00	68.72 2.13 0.00
LINDHRST_69_KV_BK1 356055	39.05 1.98 -0.61	37.66 1.51 0.00	38.30 1.26 0.00	37.10 1.18 0.00	35.34 0.72 0.00	36.60 0.65 1.65	37.99 0.81 6.01	68.43 1.74 0.00	49.98 1.79 24.05	29.00 1.62 40.54	55.31 1.46 20.17	51.51 1.57 8.67	24.17 1.10 24.95	20.13 1.03 29.53	26.49 1.03 24.48	24.60 1.22 28.54	28.30 1.27 28.81	65.74 2.07 0.00	58.89 2.43 0.00	38.38 2.60 25.60	55.64 2.39 0.47	61.96 1.81 12.33	62.71 1.58 17.23	57.21 1.47 10.85
LIPA_MISC_IPP 23656	36.06 1.50 1.91	37.11 0.96 0.00	37.76 0.74 0.00	36.58 0.67 0.00	34.73 0.11 0.00	35.55 -0.12 1.94	36.10 -0.03 7.06	67.11 0.43 0.00	43.80 -0.01 28.43	20.29 0.24 47.88	49.99 -0.30 23.73	47.96 0.13 10.79	17.78 0.01 30.25	11.88 -0.22 36.52	20.77 -0.23 28.94	18.19 -0.02 33.71	20.91 0.01 34.95	64.86 1.19 0.00	58.14 1.68 0.00	30.37 1.39 32.40	54.41 1.29 0.59	57.60 0.24 15.12	57.71 -0.32 20.33	53.42 -0.42 12.75
LISF____SOLAR 323691	36.13 1.56 1.89	37.15 1.01 0.00	37.81 0.78 0.00	36.63 0.72 0.00	34.77 0.16 0.00	35.61 -0.07 1.93	36.16 0.02 7.05	67.19 0.50 0.00	43.91 0.05 28.38	20.42 0.29 47.80	50.07 -0.25 23.69	48.03 0.18 10.76	17.84 0.01 30.19	11.96 -0.22 36.44	20.84 -0.21 28.89	18.28 0.01 33.65	21.04 0.07 34.88	64.99 1.32 0.00	58.29 1.83 0.00	30.58 1.52 32.32	54.52 1.40 0.59	57.78 0.39 15.09	57.88 -0.18 20.30	53.54 -0.33 12.73

LITTLE FALLS___HYD 24013	35.75 -0.72 0.00	35.39 -0.76 0.00	36.27 -0.76 0.00	35.27 -0.65 0.00	33.92 -0.70 0.00	37.05 -0.55 0.00	42.73 -0.47 0.00	66.48 -0.21 0.00	72.14 -0.10 0.00	66.67 -1.26 0.00	71.78 -2.25 0.00	56.45 -2.17 0.00	46.14 -1.88 0.00	46.42 -2.21 0.00	47.79 -2.15 0.00	49.17 -2.74 0.00	53.16 -2.69 0.00	61.67 -2.00 0.00	55.76 -0.70 0.00	60.78 -0.60 0.00	53.20 -0.51 0.00	70.96 -1.52 0.00	76.18 -2.18 0.00	64.83 -1.76 0.00
LITTLRIV_115KV_TB1 356100	36.88 0.42 0.00	36.58 0.43 0.00	37.50 0.47 0.00	36.37 0.45 0.00	35.02 0.41 0.00	38.04 0.44 0.00	43.47 0.27 0.00	66.79 0.10 0.00	72.18 -0.06 0.00	68.47 0.54 0.00	74.91 0.89 0.00	59.41 0.79 0.00	48.70 0.67 0.00	49.20 0.56 0.00	50.56 0.62 0.00	52.63 0.71 0.00	56.76 0.92 0.00	64.69 1.03 0.00	56.57 0.12 0.00	61.42 0.04 0.00	53.32 -0.39 0.00	73.35 0.88 0.00	79.26 0.90 0.00	67.06 0.47 0.00
LI_NEWBRDGE___DRP 323616	34.73 1.48 3.21	37.19 1.05 0.01	37.83 0.81 0.01	36.69 0.78 0.00	35.06 0.45 0.00	35.89 0.38 2.10	36.05 0.50 7.64	67.91 1.22 0.00	42.42 1.21 31.04	16.75 1.04 52.21	49.14 0.86 25.74	47.76 1.12 11.98	15.55 0.77 33.24	8.81 0.72 40.53	18.99 0.65 31.60	15.96 0.81 36.77	18.05 0.85 38.64	65.05 1.39 0.01	58.21 1.76 0.01	27.05 2.00 36.33	54.90 1.85 0.67	56.85 1.13 16.76	57.13 0.88 22.11	53.65 0.84 13.79
LOCKPORT_115KV_TB60_63_64 80432	35.83 -0.63 0.00	35.82 -0.34 0.00	36.53 -0.50 0.00	35.14 -0.78 0.00	34.12 -0.49 0.00	36.67 -0.94 0.00	41.88 -1.32 0.00	64.86 -1.83 0.00	70.22 -2.02 0.00	67.14 -0.79 0.00	74.03 0.00 0.00	58.53 -0.09 0.00	47.68 -0.34 0.00	47.90 -0.73 0.00	49.19 -0.75 0.00	50.99 -0.92 0.00	54.40 -1.45 0.00	61.35 -2.32 0.00	54.59 -1.87 0.00	59.45 -1.93 0.00	52.22 -1.49 0.00	70.57 -1.91 0.00	76.79 -1.57 0.00	65.09 -1.50 0.00
LOCKPORT___CC1 323769	35.80 -0.66 0.00	35.79 -0.36 0.00	36.50 -0.53 0.00	35.12 -0.80 0.00	34.09 -0.52 0.00	36.64 -0.96 0.00	41.83 -1.36 0.00	64.82 -1.87 0.00	70.15 -2.09 0.00	67.08 -0.84 0.00	73.93 -0.10 0.00	58.48 -0.14 0.00	47.63 -0.40 0.00	47.86 -0.77 0.00	49.18 -0.76 0.00	50.99 -0.92 0.00	54.39 -1.46 0.00	61.34 -2.33 0.00	54.57 -1.90 0.00	59.41 -1.96 0.00	52.21 -1.50 0.00	70.48 -1.99 0.00	76.75 -1.61 0.00	65.08 -1.51 0.00
LOCKPORT___CC2 323770	35.80 -0.66 0.00	35.79 -0.36 0.00	36.50 -0.53 0.00	35.12 -0.80 0.00	34.09 -0.52 0.00	36.64 -0.96 0.00	41.83 -1.36 0.00	64.82 -1.87 0.00	70.15 -2.09 0.00	67.08 -0.84 0.00	73.93 -0.10 0.00	58.48 -0.14 0.00	47.63 -0.40 0.00	47.86 -0.77 0.00	49.18 -0.76 0.00	50.99 -0.92 0.00	54.39 -1.46 0.00	61.34 -2.33 0.00	54.57 -1.90 0.00	59.41 -1.96 0.00	52.21 -1.50 0.00	70.48 -1.99 0.00	76.75 -1.61 0.00	65.08 -1.51 0.00
LOCKPORT___CC3 323771	35.80 -0.66 0.00	35.79 -0.36 0.00	36.50 -0.53 0.00	35.12 -0.80 0.00	34.09 -0.52 0.00	36.64 -0.96 0.00	41.83 -1.36 0.00	64.82 -1.87 0.00	70.15 -2.09 0.00	67.08 -0.84 0.00	73.93 -0.10 0.00	58.48 -0.14 0.00	47.63 -0.40 0.00	47.86 -0.77 0.00	49.18 -0.76 0.00	50.99 -0.92 0.00	54.39 -1.46 0.00	61.34 -2.33 0.00	54.57 -1.90 0.00	59.41 -1.96 0.00	52.21 -1.50 0.00	70.48 -1.99 0.00	76.75 -1.61 0.00	65.08 -1.51 0.00
LONG_LAKE_PHOENIX 24014	35.91 -0.55 0.00	35.62 -0.54 0.00	36.47 -0.56 0.00	35.36 -0.55 0.00	34.14 -0.48 0.00	37.10 -0.50 0.00	42.69 -0.50 0.00	66.07 -0.62 0.00	71.54 -0.71 0.00	67.27 -0.66 0.00	73.35 -0.67 0.00	58.02 -0.59 0.00	47.50 -0.52 0.00	48.07 -0.56 0.00	49.37 -0.57 0.00	51.30 -0.62 0.00	55.17 -0.67 0.00	62.84 -0.83 0.00	55.86 -0.60 0.00	60.81 -0.57 0.00	53.22 -0.49 0.00	71.54 -0.94 0.00	77.36 -1.00 0.00	65.75 -0.84 0.00
LOVETT___3 23632	37.47 1.01 0.00	36.98 0.83 0.00	37.85 0.83 0.00	36.77 0.86 0.00	35.40 0.79 0.00	38.53 0.92 0.00	44.22 1.03 0.00	68.53 1.85 0.00	74.24 2.00 0.00	69.52 1.59 0.00	75.53 1.51 0.00	59.88 1.27 0.00	49.05 1.02 0.00	49.74 1.11 0.00	51.05 1.11 0.00	53.17 1.25 0.00	57.10 1.26 0.00	65.13 1.46 0.00	58.25 1.79 0.00	63.58 2.20 0.00	55.65 1.94 0.00	74.10 1.63 0.00	80.12 1.76 0.00	68.13 1.54 0.00
LOVETT___4 23642	37.47 1.01 0.00	36.98 0.83 0.00	37.85 0.83 0.00	36.77 0.86 0.00	35.40 0.79 0.00	38.53 0.92 0.00	44.22 1.03 0.00	68.53 1.85 0.00	74.24 2.00 0.00	69.52 1.59 0.00	75.53 1.51 0.00	59.88 1.27 0.00	49.05 1.02 0.00	49.74 1.11 0.00	51.05 1.11 0.00	53.17 1.25 0.00	57.10 1.26 0.00	65.13 1.46 0.00	58.25 1.79 0.00	63.58 2.20 0.00	55.65 1.94 0.00	74.10 1.63 0.00	80.12 1.76 0.00	68.13 1.54 0.00
LOVETT___5 23593	37.47 1.01 0.00	36.98 0.83 0.00	37.85 0.83 0.00	36.77 0.86 0.00	35.40 0.79 0.00	38.53 0.92 0.00	44.22 1.03 0.00	68.53 1.85 0.00	74.24 2.00 0.00	69.52 1.59 0.00	75.53 1.51 0.00	59.88 1.27 0.00	49.05 1.02 0.00	49.74 1.11 0.00	51.05 1.11 0.00	53.17 1.25 0.00	57.10 1.26 0.00	65.13 1.46 0.00	58.25 1.79 0.00	63.58 2.20 0.00	55.65 1.94 0.00	74.10 1.63 0.00	80.12 1.76 0.00	68.13 1.54 0.00
LOWER RAQUET___HYD 24057	36.13 -0.33 0.00	35.84 -0.31 0.00	36.77 -0.26 0.00	35.67 -0.25 0.00	34.35 -0.27 0.00	37.31 -0.30 0.00	42.59 -0.61 0.00	65.45 -1.24 0.00	70.82 -1.42 0.00	67.26 -0.67 0.00	73.68 -0.35 0.00	58.45 -0.17 0.00	47.86 -0.16 0.00	48.39 -0.24 0.00	49.69 -0.25 0.00	51.72 -0.20 0.00	55.73 -0.12 0.00	63.51 -0.16 0.00	55.50 -0.96 0.00	60.22 -1.16 0.00	52.36 -1.35 0.00	71.96 -0.51 0.00	77.77 -0.59 0.00	65.85 -0.74 0.00
LOWER___HUDSON 24059	37.08 0.61 0.00	36.77 0.62 0.00	37.70 0.67 0.00	36.58 0.66 0.00	35.15 0.54 0.00	38.30 0.69 0.00	44.05 0.85 0.00	68.27 1.58 0.00	73.93 1.68 0.00	68.96 1.04 0.00	74.93 0.90 0.00	59.12 0.51 0.00	48.47 0.44 0.00	49.11 0.47 0.00	50.49 0.55 0.00	52.42 0.50 0.00	56.60 0.75 0.00	64.92 1.25 0.00	57.82 1.36 0.00	62.82 1.44 0.00	54.96 1.24 0.00	73.69 1.21 0.00	79.50 1.14 0.00	67.55 0.96 0.00
LOWVILLE_115KV_TB2 356335	36.23 -0.24 0.00	35.97 -0.18 0.00	37.14 0.11 0.00	36.16 0.24 0.00	34.93 0.31 0.00	38.13 0.52 0.00	44.02 0.82 0.00	68.32 1.63 0.00	74.06 1.81 0.00	69.56 1.63 0.00	75.92 1.89 0.00	59.81 1.19 0.00	49.02 1.00 0.00	49.78 1.15 0.00	51.17 1.22 0.00	53.30 1.38 0.00	57.41 1.57 0.00	65.73 2.06 0.00	58.25 1.79 0.00	63.40 2.02 0.00	55.38 1.67 0.00	74.83 2.35 0.00	80.65 2.29 0.00	68.29 1.70 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.74 1.28 0.00	37.39 1.24 0.00	38.33 1.30 0.00	37.17 1.26 0.00	35.79 1.18 0.00	39.01 1.41 0.00	44.97 1.77 0.00	69.71 3.03 0.00	75.52 3.28 0.00	70.36 2.43 0.00	76.49 2.46 0.00	60.37 1.75 0.00	49.45 1.42 0.00	50.00 1.37 0.00	51.42 1.48 0.00	53.38 1.46 0.00	57.63 1.78 0.00	66.15 2.49 0.00	58.93 2.47 0.00	64.05 2.67 0.00	56.03 2.32 0.00	75.10 2.63 0.00	80.98 2.62 0.00	68.79 2.20 0.00

LUTHERNY_35_KV_BK2 355980	37.74 1.27 0.00	37.39 1.24 0.00	38.31 1.29 0.00	37.17 1.25 0.00	35.77 1.16 0.00	39.02 1.42 0.00	44.97 1.77 0.00	69.71 3.03 0.00	75.54 3.29 0.00	70.34 2.41 0.00	76.49 2.47 0.00	60.36 1.74 0.00	49.46 1.43 0.00	50.01 1.38 0.00	51.52 1.58 0.00	53.41 1.49 0.00	57.67 1.82 0.00	66.19 2.53 0.00	58.97 2.51 0.00	64.09 2.71 0.00	56.05 2.34 0.00	75.13 2.65 0.00	81.00 2.64 0.00	68.77 2.18 0.00
LWR___OSWEGATCHIE_HYD 23850	35.96 -0.50 0.00	35.69 -0.47 0.00	36.72 -0.31 0.00	35.68 -0.23 0.00	34.42 -0.19 0.00	37.49 -0.12 0.00	43.04 -0.16 0.00	66.48 -0.21 0.00	71.97 -0.27 0.00	67.94 0.02 0.00	74.33 0.30 0.00	58.73 0.11 0.00	48.10 0.08 0.00	48.73 0.11 0.00	50.07 0.13 0.00	52.11 0.19 0.00	56.14 0.29 0.00	64.16 0.49 0.00	56.47 0.01 0.00	61.38 0.00 0.00	53.51 -0.20 0.00	73.03 0.55 0.00	78.82 0.46 0.00	66.72 0.13 0.00
LYONS_FALL_HYD 23570	36.61 0.15 0.00	36.32 0.16 0.00	37.38 0.35 0.00	36.34 0.42 0.00	35.08 0.47 0.00	38.25 0.65 0.00	44.15 0.95 0.00	68.44 1.76 0.00	74.21 1.96 0.00	69.66 1.73 0.00	75.96 1.93 0.00	59.94 1.32 0.00	49.09 1.07 0.00	49.80 1.18 0.00	51.18 1.24 0.00	53.23 1.32 0.00	57.35 1.51 0.00	65.57 1.90 0.00	58.19 1.73 0.00	63.32 1.95 0.00	55.34 1.63 0.00	74.62 2.15 0.00	80.46 2.10 0.00	68.19 1.60 0.00
MADISON___COUNTY_LFGE 323628	37.29 0.82 0.00	36.98 0.82 0.00	37.88 0.86 0.00	36.76 0.84 0.00	35.50 0.88 0.00	38.63 1.02 0.00	44.56 1.36 0.00	69.07 2.38 0.00	74.82 2.58 0.00	70.23 2.31 0.00	76.47 2.45 0.00	60.46 1.84 0.00	49.47 1.45 0.00	50.14 1.52 0.00	51.46 1.52 0.00	53.46 1.54 0.00	57.60 1.75 0.00	65.70 2.03 0.00	58.42 1.96 0.00	63.60 2.22 0.00	55.62 1.91 0.00	74.74 2.26 0.00	80.64 2.28 0.00	68.37 1.78 0.00
MALONE___115KV_TB1 356076	37.12 0.65 0.00	36.76 0.61 0.00	37.74 0.72 0.00	36.64 0.73 0.00	35.33 0.72 0.00	38.43 0.82 0.00	44.09 0.89 0.00	67.76 1.07 0.00	73.36 1.12 0.00	69.21 1.28 0.00	75.57 1.55 0.00	60.01 1.39 0.00	49.27 1.24 0.00	49.70 1.07 0.00	50.94 1.00 0.00	53.00 1.09 0.00	57.15 1.30 0.00	65.11 1.44 0.00	57.24 0.79 0.00	61.97 0.59 0.00	54.71 1.00 0.00	74.07 1.60 0.00	80.00 1.64 0.00	67.72 1.13 0.00
MAPLEWOD_115KV_TB3 80458	37.09 0.62 0.00	36.78 0.63 0.00	37.69 0.67 0.00	36.59 0.68 0.00	35.16 0.54 0.00	38.28 0.67 0.00	43.99 0.79 0.00	68.16 1.48 0.00	73.83 1.59 0.00	68.95 1.02 0.00	74.88 0.86 0.00	59.13 0.51 0.00	48.45 0.42 0.00	49.05 0.42 0.00	50.46 0.52 0.00	52.39 0.47 0.00	56.56 0.72 0.00	64.83 1.16 0.00	57.73 1.26 0.00	62.72 1.35 0.00	54.87 1.16 0.00	73.56 1.08 0.00	79.39 1.03 0.00	67.43 0.84 0.00
MAPLE_RIDGE_WT_1 323574	35.91 -0.56 0.00	35.71 -0.45 0.00	36.66 -0.37 0.00	35.60 -0.32 0.00	34.33 -0.29 0.00	37.33 -0.27 0.00	42.85 -0.35 0.00	66.03 -0.66 0.00	71.73 -0.51 0.00	67.58 -0.34 0.00	73.71 -0.31 0.00	58.44 -0.18 0.00	47.95 -0.08 0.00	48.60 -0.03 0.00	49.91 -0.03 0.00	51.93 0.01 0.00	55.89 0.05 0.00	63.67 0.00 0.00	56.28 -0.19 0.00	61.14 -0.24 0.00	53.44 -0.27 0.00	72.44 -0.04 0.00	78.38 0.02 0.00	66.55 -0.05 0.00
MAPLE_RIDGE_WT_2 323611	35.91 -0.56 0.00	35.71 -0.45 0.00	36.66 -0.37 0.00	35.60 -0.32 0.00	34.33 -0.29 0.00	37.33 -0.27 0.00	42.85 -0.35 0.00	66.03 -0.66 0.00	71.73 -0.51 0.00	67.58 -0.34 0.00	73.71 -0.31 0.00	58.44 -0.18 0.00	47.95 -0.08 0.00	48.60 -0.03 0.00	49.91 -0.03 0.00	51.93 0.01 0.00	55.89 0.05 0.00	63.67 0.00 0.00	56.28 -0.19 0.00	61.14 -0.24 0.00	53.44 -0.27 0.00	72.44 -0.04 0.00	78.38 0.02 0.00	66.55 -0.05 0.00
MARBLE_RIVER_WT_PWR 323696	36.97 0.50 0.00	36.60 0.45 0.00	37.61 0.58 0.00	36.53 0.62 0.00	35.23 0.62 0.00	38.31 0.70 0.00	43.93 0.73 0.00	67.50 0.81 0.00	73.02 0.78 0.00	68.78 0.86 0.00	75.07 1.04 0.00	59.54 0.92 0.00	48.88 0.85 0.00	49.41 0.78 0.00	50.64 0.70 0.00	52.67 0.75 0.00	56.91 1.06 0.00	64.84 1.17 0.00	57.02 0.56 0.00	61.66 0.28 0.00	54.26 0.55 0.00	73.57 1.09 0.00	79.63 1.27 0.00	67.52 0.93 0.00
MARSHVLE_115KV_TB1 80742	38.62 2.16 0.00	38.22 2.06 0.00	39.17 2.15 0.00	37.99 2.07 0.00	36.75 2.13 0.00	39.99 2.38 0.00	46.19 2.99 0.00	71.64 4.95 0.00	77.48 5.23 0.00	72.59 4.66 0.00	78.87 4.84 0.00	62.21 3.59 0.00	50.88 2.86 0.00	51.13 2.50 0.00	52.59 2.65 0.00	54.55 2.63 0.00	57.96 2.12 0.00	66.81 3.14 0.00	59.90 3.44 0.00	65.49 4.11 0.00	57.24 3.53 0.00	77.32 4.85 0.00	83.59 5.23 0.00	70.96 4.37 0.00
MARSH_HILL_WT_PWR 323713	35.53 -0.93 0.00	35.85 -0.31 0.00	36.79 -0.24 0.00	35.90 -0.01 0.00	34.64 0.03 0.00	37.64 0.04 0.00	43.43 0.24 0.00	67.84 1.15 0.00	73.60 1.35 0.00	69.64 1.71 0.00	76.16 2.13 0.00	60.62 2.00 0.00	49.56 1.53 0.00	50.02 1.39 0.00	51.64 1.71 0.00	53.67 1.75 0.00	57.45 1.60 0.00	64.85 1.18 0.00	57.88 1.42 0.00	63.17 1.79 0.00	55.26 1.55 0.00	74.01 1.53 0.00	79.86 1.50 0.00	67.72 1.13 0.00
MCINTYRE_115KV_TB2 80467	37.33 0.86 0.00	37.02 0.87 0.00	37.93 0.90 0.00	36.76 0.84 0.00	35.41 0.79 0.00	38.45 0.84 0.00	43.94 0.74 0.00	67.45 0.76 0.00	72.85 0.60 0.00	69.10 1.17 0.00	75.54 1.52 0.00	59.93 1.31 0.00	49.14 1.12 0.00	49.61 0.98 0.00	51.04 1.10 0.00	53.16 1.24 0.00	57.33 1.48 0.00	65.31 1.64 0.00	57.11 0.65 0.00	62.04 0.66 0.00	53.75 0.04 0.00	74.09 1.62 0.00	80.08 1.72 0.00	67.75 1.16 0.00
MECO_____69_KV_BK1 80468	38.79 2.33 0.00	38.40 2.24 0.00	39.33 2.30 0.00	38.14 2.23 0.00	36.86 2.24 0.00	40.18 2.58 0.00	46.43 3.23 0.00	72.06 5.37 0.00	77.84 5.59 0.00	72.83 4.90 0.00	79.11 5.09 0.00	62.24 3.62 0.00	50.82 2.80 0.00	51.03 2.41 0.00	52.42 2.48 0.00	54.40 2.49 0.00	57.66 1.81 0.00	66.83 3.16 0.00	60.23 3.77 0.00	65.97 4.59 0.00	57.69 3.98 0.00	77.63 5.15 0.00	83.75 5.39 0.00	71.05 4.46 0.00
MENANDS___115KV_TB5 355628	36.89 0.42 0.00	36.58 0.43 0.00	37.51 0.48 0.00	36.41 0.49 0.00	34.98 0.37 0.00	38.07 0.47 0.00	43.72 0.53 0.00	67.71 1.03 0.00	73.33 1.09 0.00	68.48 0.56 0.00	74.40 0.37 0.00	58.75 0.13 0.00	48.15 0.13 0.00	48.81 0.18 0.00	50.21 0.27 0.00	52.13 0.21 0.00	56.27 0.43 0.00	64.46 0.79 0.00	57.38 0.92 0.00	62.32 0.94 0.00	54.52 0.81 0.00	73.08 0.60 0.00	78.88 0.52 0.00	67.03 0.44 0.00
MG INDUSTRY___DRP 24185	36.75 0.29 0.00	36.42 0.27 0.00	37.32 0.29 0.00	36.22 0.30 0.00	34.84 0.23 0.00	37.90 0.29 0.00	43.52 0.33 0.00	67.32 0.64 0.00	72.93 0.69 0.00	68.23 0.30 0.00	74.17 0.15 0.00	58.65 0.03 0.00	48.03 0.00 0.00	48.72 0.09 0.00	50.23 0.29 0.00	52.25 0.34 0.00	56.40 0.56 0.00	64.52 0.86 0.00	57.43 0.97 0.00	62.38 1.00 0.00	54.58 0.86 0.00	73.21 0.73 0.00	79.10 0.74 0.00	67.27 0.68 0.00

MID___OSWEGATCHIE_HYD 23849	35.96 -0.50 0.00	35.69 -0.47 0.00	36.72 -0.31 0.00	35.68 -0.23 0.00	34.42 -0.19 0.00	37.49 -0.12 0.00	43.04 -0.16 0.00	66.48 -0.21 0.00	71.97 -0.27 0.00	67.94 0.02 0.00	74.33 0.30 0.00	58.73 0.11 0.00	48.10 0.08 0.00	48.73 0.11 0.00	50.07 0.13 0.00	52.11 0.19 0.00	56.14 0.29 0.00	64.16 0.49 0.00	56.47 0.01 0.00	61.38 0.00 0.00	53.51 -0.20 0.00	73.03 0.55 0.00	78.82 0.46 0.00	66.72 0.13 0.00
MID___RAQUETTE_HYD 23851	36.13 -0.33 0.00	35.84 -0.31 0.00	36.77 -0.26 0.00	35.66 -0.25 0.00	34.35 -0.27 0.00	37.31 -0.30 0.00	42.59 -0.61 0.00	65.44 -1.25 0.00	70.82 -1.42 0.00	67.26 -0.67 0.00	73.67 -0.35 0.00	58.45 -0.17 0.00	47.86 -0.16 0.00	48.39 -0.24 0.00	49.69 -0.25 0.00	51.72 -0.20 0.00	55.73 -0.12 0.00	63.51 -0.16 0.00	55.50 -0.96 0.00	60.22 -1.16 0.00	52.37 -1.34 0.00	71.96 -0.51 0.00	77.77 -0.59 0.00	65.85 -0.74 0.00
MILLIKEN___1 23584	37.10 0.63 0.00	36.84 0.69 0.00	37.72 0.69 0.00	36.59 0.68 0.00	35.43 0.82 0.00	38.44 0.84 0.00	44.31 1.11 0.00	68.69 2.00 0.00	74.30 2.05 0.00	69.81 1.88 0.00	76.25 2.23 0.00	60.32 1.70 0.00	49.49 1.47 0.00	49.99 1.36 0.00	51.27 1.34 0.00	53.34 1.42 0.00	57.32 1.47 0.00	65.20 1.54 0.00	58.05 1.59 0.00	63.29 1.91 0.00	55.38 1.67 0.00	74.33 1.85 0.00	80.23 1.86 0.00	68.16 1.56 0.00
MILLIKEN___2 23585	37.10 0.63 0.00	36.84 0.69 0.00	37.72 0.69 0.00	36.59 0.68 0.00	35.43 0.82 0.00	38.44 0.84 0.00	44.31 1.11 0.00	68.69 2.00 0.00	74.30 2.05 0.00	69.81 1.88 0.00	76.25 2.23 0.00	60.32 1.70 0.00	49.49 1.47 0.00	49.99 1.36 0.00	51.27 1.34 0.00	53.34 1.42 0.00	57.32 1.47 0.00	65.20 1.54 0.00	58.05 1.59 0.00	63.29 1.91 0.00	55.38 1.67 0.00	74.33 1.85 0.00	80.23 1.86 0.00	68.16 1.56 0.00
MILLIKEN___DIESEL 23629	37.10 0.63 0.00	36.84 0.69 0.00	37.72 0.69 0.00	36.59 0.68 0.00	35.43 0.82 0.00	38.44 0.84 0.00	44.31 1.11 0.00	68.69 2.00 0.00	74.30 2.05 0.00	69.81 1.88 0.00	76.25 2.23 0.00	60.32 1.70 0.00	49.49 1.47 0.00	49.99 1.36 0.00	51.27 1.34 0.00	53.34 1.42 0.00	57.32 1.47 0.00	65.20 1.54 0.00	58.05 1.59 0.00	63.29 1.91 0.00	55.38 1.67 0.00	74.33 1.85 0.00	80.23 1.86 0.00	68.16 1.56 0.00
MILLSEAT___LFGE 323607	36.53 0.07 0.00	36.46 0.30 0.00	37.17 0.14 0.00	35.80 -0.12 0.00	34.76 0.14 0.00	37.45 -0.16 0.00	42.88 -0.32 0.00	66.56 -0.13 0.00	72.10 -0.15 0.00	68.77 0.85 0.00	75.58 1.56 0.00	59.74 1.12 0.00	48.66 0.64 0.00	48.89 0.26 0.00	50.16 0.22 0.00	52.11 0.19 0.00	55.66 -0.19 0.00	62.88 -0.79 0.00	55.95 -0.51 0.00	60.96 -0.42 0.00	53.52 -0.19 0.00	72.12 -0.36 0.00	78.37 0.00 0.00	66.35 -0.24 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.59 1.13 0.00	37.10 0.95 0.00	37.97 0.94 0.00	36.87 0.96 0.00	35.49 0.87 0.00	38.62 1.02 0.00	44.39 1.20 0.00	68.82 2.13 0.00	74.63 2.39 0.00	69.86 1.94 0.00	75.90 1.88 0.00	60.17 1.55 0.00	49.27 1.24 0.00	49.94 1.31 0.00	51.27 1.33 0.00	53.39 1.48 0.00	57.37 1.52 0.00	65.47 1.80 0.00	58.52 2.06 0.00	63.84 2.46 0.00	55.91 2.19 0.00	74.49 2.01 0.00	80.48 2.11 0.00	68.42 1.82 0.00
MILLWOOD_13_KV_LOAD 356217	37.65 1.18 0.00	37.15 0.99 0.00	38.00 0.97 0.00	36.91 0.99 0.00	35.53 0.92 0.00	38.67 1.07 0.00	44.46 1.26 0.00	68.94 2.25 0.00	74.74 2.49 0.00	69.97 2.05 0.00	76.04 2.01 0.00	60.26 1.64 0.00	49.33 1.31 0.00	50.01 1.38 0.00	51.34 1.40 0.00	53.48 1.56 0.00	57.45 1.60 0.00	65.56 1.89 0.00	58.61 2.15 0.00	63.96 2.58 0.00	56.00 2.29 0.00	74.60 2.12 0.00	80.61 2.25 0.00	68.53 1.94 0.00
MODEL_CITY_ENERGY 24167	35.49 -0.98 0.00	35.47 -0.69 0.00	36.17 -0.86 0.00	34.78 -1.13 0.00	33.78 -0.83 0.00	36.29 -1.31 0.00	41.40 -1.80 0.00	64.10 -2.59 0.00	69.37 -2.87 0.00	66.42 -1.51 0.00	73.24 -0.78 0.00	57.89 -0.73 0.00	47.15 -0.87 0.00	47.37 -1.26 0.00	48.64 -1.30 0.00	50.41 -1.50 0.00	53.76 -2.09 0.00	60.66 -3.01 0.00	53.93 -2.53 0.00	58.75 -2.63 0.00	51.62 -2.09 0.00	69.76 -2.72 0.00	76.01 -2.35 0.00	64.44 -2.15 0.00
MODERN_LFGE___ 323580	35.49 -0.98 0.00	35.47 -0.69 0.00	36.17 -0.86 0.00	34.78 -1.13 0.00	33.78 -0.83 0.00	36.29 -1.31 0.00	41.40 -1.80 0.00	64.10 -2.59 0.00	69.37 -2.87 0.00	66.42 -1.51 0.00	73.24 -0.78 0.00	57.89 -0.73 0.00	47.15 -0.87 0.00	47.37 -1.26 0.00	48.64 -1.30 0.00	50.41 -1.50 0.00	53.76 -2.09 0.00	60.66 -3.01 0.00	53.93 -2.53 0.00	58.75 -2.63 0.00	51.62 -2.09 0.00	69.76 -2.72 0.00	76.01 -2.35 0.00	64.44 -2.15 0.00
MOHAWK_PAPER___DRP 24187	37.09 0.62 0.00	36.78 0.63 0.00	37.69 0.67 0.00	36.59 0.68 0.00	35.16 0.54 0.00	38.28 0.67 0.00	43.99 0.79 0.00	68.16 1.48 0.00	73.83 1.59 0.00	68.95 1.02 0.00	74.88 0.86 0.00	59.13 0.51 0.00	48.45 0.42 0.00	49.05 0.42 0.00	50.46 0.52 0.00	52.39 0.47 0.00	56.56 0.72 0.00	64.83 1.16 0.00	57.73 1.26 0.00	62.72 1.35 0.00	54.87 1.16 0.00	73.56 1.08 0.00	79.39 1.03 0.00	67.43 0.84 0.00
MOHICAN___35_KV_115KV_LD 80490	38.09 1.62 0.00	37.65 1.50 0.00	38.60 1.57 0.00	37.46 1.55 0.00	36.12 1.50 0.00	39.42 1.81 0.00	45.56 2.36 0.00	70.84 4.15 0.00	76.85 4.61 0.00	71.17 3.24 0.00	77.43 3.41 0.00	61.01 2.39 0.00	50.04 2.01 0.00	50.63 2.00 0.00	51.92 1.99 0.00	53.92 2.00 0.00	58.40 2.56 0.00	67.11 3.44 0.00	59.79 3.33 0.00	64.88 3.50 0.00	56.75 3.04 0.00	75.88 3.40 0.00	81.71 3.35 0.00	69.45 2.86 0.00
MONGAUP___HYD 23641	37.79 1.33 0.00	37.33 1.18 0.00	38.21 1.19 0.00	37.10 1.18 0.00	35.75 1.13 0.00	38.89 1.28 0.00	44.48 1.28 0.00	68.17 1.48 0.00	73.83 1.59 0.00	69.17 1.25 0.00	76.08 2.05 0.00	60.12 1.50 0.00	49.12 1.09 0.00	49.80 1.18 0.00	51.00 1.06 0.00	52.71 0.79 0.00	56.88 1.04 0.00	65.54 1.88 0.00	58.48 2.02 0.00	63.89 2.51 0.00	56.00 2.29 0.00	74.79 2.31 0.00	80.69 2.33 0.00	68.50 1.91 0.00
MONTAUK___DIESEL 23721	36.70 2.14 1.90	37.41 1.26 0.00	38.29 1.26 0.00	37.17 1.25 0.00	34.39 -0.22 0.00	34.82 -0.85 1.94	35.93 -0.21 7.06	67.33 0.64 0.00	43.84 0.01 28.41	20.47 0.39 47.85	49.62 -0.69 23.71	46.99 -0.85 10.78	16.77 -1.02 30.23	10.48 -1.66 36.49	19.13 -1.90 28.91	16.53 -1.71 33.68	19.23 -1.70 34.91	63.51 -0.16 0.00	56.93 0.47 0.00	28.93 -0.08 32.37	53.13 0.01 0.59	55.78 -1.60 15.11	55.63 -2.42 20.32	51.48 -2.37 12.74
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.95 1.48 0.00	38.01 1.86 0.00	38.76 1.73 0.00	37.37 1.45 0.00	36.27 1.66 0.00	39.14 1.53 0.00	44.87 1.67 0.00	69.93 3.24 0.00	75.66 3.42 0.00	72.05 4.12 0.00	79.03 5.01 0.00	62.57 3.95 0.00	51.02 2.99 0.00	51.18 2.55 0.00	52.37 2.43 0.00	54.26 2.34 0.00	58.11 2.27 0.00	65.63 1.96 0.00	58.53 2.07 0.00	63.75 2.37 0.00	55.77 2.06 0.00	75.02 2.54 0.00	81.18 2.82 0.00	68.79 2.20 0.00

MORRIS_RIDGE___SOLAR 323848	35.71 -0.76 0.00	35.86 -0.29 0.00	36.74 -0.29 0.00	35.63 -0.28 0.00	34.50 -0.11 0.00	37.20 -0.40 0.00	42.80 -0.40 0.00	66.58 -0.11 0.00	72.07 -0.17 0.00	68.13 0.20 0.00	74.80 0.78 0.00	59.45 0.83 0.00	48.52 0.49 0.00	48.98 0.35 0.00	50.54 0.60 0.00	52.55 0.63 0.00	56.19 0.35 0.00	63.40 -0.27 0.00	56.51 0.04 0.00	61.63 0.25 0.00	53.97 0.26 0.00	72.45 -0.03 0.00	78.37 0.01 0.00	66.57 -0.02 0.00
MORTIMER_115KV_TB3 55949	36.48 0.02 0.00	36.30 0.15 0.00	37.09 0.06 0.00	35.81 -0.11 0.00	34.69 0.07 0.00	37.49 -0.11 0.00	43.05 -0.14 0.00	66.75 0.06 0.00	72.29 0.04 0.00	68.50 0.57 0.00	75.01 0.99 0.00	59.35 0.74 0.00	48.48 0.46 0.00	48.86 0.23 0.00	50.16 0.23 0.00	52.08 0.16 0.00	55.84 -0.01 0.00	63.27 -0.40 0.00	56.22 -0.24 0.00	61.23 -0.14 0.00	53.68 -0.03 0.00	72.26 -0.22 0.00	78.27 -0.09 0.00	66.37 -0.22 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.89 1.42 0.00	37.36 1.21 0.00	38.20 1.17 0.00	37.11 1.20 0.00	35.72 1.11 0.00	38.89 1.29 0.00	44.74 1.54 0.00	69.39 2.70 0.00	75.36 3.11 0.00	70.54 2.61 0.00	76.63 2.61 0.00	60.78 2.16 0.00	49.74 1.72 0.00	50.44 1.81 0.00	51.77 1.83 0.00	53.92 2.00 0.00	57.89 2.05 0.00	66.06 2.39 0.00	59.04 2.58 0.00	64.41 3.03 0.00	56.48 2.77 0.00	75.20 2.72 0.00	81.27 2.91 0.00	69.10 2.51 0.00
MUNSVILLE_WIND_PWR 323609	37.35 0.89 0.00	37.33 1.18 0.00	38.43 1.40 0.00	37.41 1.49 0.00	36.31 1.70 0.00	39.71 2.11 0.00	45.99 2.80 0.00	71.36 4.67 0.00	77.39 5.15 0.00	72.62 4.69 0.00	79.85 5.82 0.00	63.31 4.69 0.00	52.14 4.12 0.00	52.49 3.86 0.00	53.92 3.98 0.00	56.46 4.54 0.00	60.69 4.84 0.00	69.04 5.38 0.00	61.73 5.26 0.00	67.55 6.17 0.00	59.11 5.40 0.00	79.03 6.55 0.00	85.19 6.83 0.00	72.20 5.61 0.00
N SALMON___HYD 24042	37.12 0.65 0.00	36.76 0.61 0.00	37.74 0.71 0.00	36.64 0.73 0.00	35.33 0.72 0.00	38.43 0.82 0.00	44.09 0.89 0.00	67.75 1.07 0.00	73.36 1.12 0.00	69.21 1.28 0.00	75.57 1.55 0.00	60.01 1.40 0.00	49.27 1.24 0.00	49.70 1.07 0.00	50.94 1.00 0.00	53.00 1.08 0.00	57.15 1.30 0.00	65.11 1.44 0.00	57.24 0.79 0.00	61.96 0.58 0.00	54.71 1.00 0.00	74.07 1.59 0.00	80.00 1.64 0.00	67.72 1.13 0.00
N.AKRON__115KV_KNAPP 355671	36.36 -0.10 0.00	36.31 0.15 0.00	37.03 0.00 0.00	35.64 -0.28 0.00	34.61 0.00 0.00	37.26 -0.35 0.00	42.63 -0.57 0.00	66.12 -0.57 0.00	71.61 -0.63 0.00	68.37 0.44 0.00	75.23 1.21 0.00	59.45 0.83 0.00	48.43 0.41 0.00	48.66 0.02 0.00	49.94 0.00 0.00	51.83 -0.09 0.00	55.35 -0.49 0.00	62.47 -1.19 0.00	55.58 -0.88 0.00	60.56 -0.82 0.00	53.16 -0.56 0.00	71.75 -0.73 0.00	77.97 -0.38 0.00	66.04 -0.55 0.00
N.BELMOR_69_KV_BK1 55787	44.33 1.69 -6.18	37.43 1.27 -0.01	38.08 1.04 -0.01	36.92 1.00 0.00	35.31 0.69 0.00	37.26 0.67 1.01	40.30 0.80 3.69	68.37 1.68 0.00	60.08 1.79 13.96	45.70 1.50 23.73	63.23 1.40 12.19	56.43 1.53 3.72	36.55 1.10 12.57	36.91 1.06 12.78	36.79 1.03 14.18	36.44 1.18 16.66	42.97 1.25 14.12	65.55 1.87 -0.01	58.67 2.20 -0.01	54.92 2.48 8.94	55.86 2.30 0.15	68.55 1.69 5.62	69.70 1.56 10.22	61.33 1.40 6.66
N.E_GEN_SANDY PD 24062	36.06 0.64 1.05	36.74 0.59 0.00	37.64 0.61 0.00	36.54 0.62 0.00	35.12 0.51 0.00	38.25 0.64 0.00	43.98 0.78 0.00	68.22 1.53 0.00	73.92 1.67 0.00	68.91 1.08 0.10	74.87 0.85 0.00	59.15 0.53 0.00	48.62 0.46 -0.13	49.17 0.54 0.00	50.51 0.57 0.00	52.49 0.57 0.00	56.60 0.76 0.00	64.84 1.17 0.00	57.85 1.39 0.00	62.68 1.52 0.22	54.94 1.35 0.12	73.62 1.14 0.00	83.14 1.18 -3.60	57.10 1.01 10.50
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.52 1.06 0.00	37.03 0.88 0.00	37.92 0.89 0.00	36.83 0.91 0.00	35.46 0.85 0.00	38.59 0.98 0.00	44.29 1.09 0.00	68.62 1.93 0.00	74.33 2.09 0.00	69.63 1.71 0.00	75.66 1.64 0.00	59.99 1.38 0.00	49.14 1.12 0.00	49.83 1.20 0.00	51.14 1.19 0.00	53.27 1.35 0.00	57.21 1.37 0.00	65.24 1.58 0.00	58.36 1.90 0.00	63.71 2.34 0.00	55.75 2.04 0.00	74.23 1.75 0.00	80.22 1.87 0.00	68.22 1.63 0.00
N.QUEENS_27_KV_LOAD 356247	37.89 1.43 0.00	37.30 1.14 -0.01	38.11 1.08 0.00	37.03 1.11 0.00	35.64 1.02 0.00	38.80 1.20 0.00	44.67 1.47 0.00	69.51 2.82 0.00	77.19 3.63 -1.31	72.41 3.00 -1.48	77.22 2.95 -0.25	60.96 2.33 -0.01	49.89 1.87 0.00	50.69 1.94 -0.12	53.03 2.03 -1.07	55.26 2.25 -1.09	59.77 2.38 -1.55	66.25 2.58 -0.01	59.19 2.72 0.00	64.57 3.19 0.00	56.65 2.94 0.00	75.94 3.13 -0.33	82.19 3.45 -0.38	69.36 2.77 0.00
N.TROY___115KV_TB1 355778	37.08 0.61 0.00	36.77 0.62 0.00	37.69 0.67 0.00	36.58 0.66 0.00	35.15 0.54 0.00	38.30 0.69 0.00	44.05 0.85 0.00	68.27 1.58 0.00	73.92 1.68 0.00	68.97 1.04 0.00	74.93 0.91 0.00	59.12 0.51 0.00	48.47 0.44 0.00	49.11 0.48 0.00	50.49 0.55 0.00	52.41 0.50 0.00	56.60 0.75 0.00	64.92 1.25 0.00	57.83 1.36 0.00	62.82 1.45 0.00	54.95 1.24 0.00	73.69 1.21 0.00	79.50 1.14 0.00	67.55 0.96 0.00
NARROWS_GT1_1 24228	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NARROWS_GT1_2 24229	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NARROWS_GT1_3 24230	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NARROWS_GT1_4 24231	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53

NARROWS_GT1_5 24232	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NARROWS_GT1_6 24233	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NARROWS_GT1_7 24234	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NARROWS_GT1_8 24235	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NARROWS_GT2_1 24236	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NARROWS_GT2_2 24237	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NARROWS_GT2_3 24238	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NARROWS_GT2_4 24239	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NARROWS_GT2_5 24240	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NARROWS_GT2_6 24241	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NARROWS_GT2_7 24242	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NARROWS_GT2_8 24243	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.04 1.57 0.00	37.72 1.57 0.00	38.65 1.62 0.00	37.54 1.62 0.00	36.11 1.50 0.00	39.38 1.77 0.00	45.37 2.18 0.00	70.35 3.67 0.00	76.09 3.84 0.00	70.69 2.76 0.00	75.99 1.96 0.00	59.58 0.96 0.00	48.74 0.71 0.00	49.22 0.59 0.00	50.95 1.01 0.00	53.05 1.13 0.00	57.49 1.65 0.00	65.91 2.24 0.00	58.79 2.33 0.00	63.89 2.52 0.00	55.86 2.15 0.00	74.81 2.34 0.00	80.69 2.33 0.00	68.45 1.86 0.00
NCHELSEA_115KV_TR2 355582	37.87 1.40 0.00	37.37 1.22 0.00	38.24 1.21 0.00	37.13 1.22 0.00	35.76 1.14 0.00	38.94 1.33 0.00	44.81 1.61 0.00	69.48 2.79 0.00	75.32 3.08 0.00	70.50 2.57 0.00	76.60 2.58 0.00	60.69 2.08 0.00	49.66 1.63 0.00	50.32 1.69 0.00	51.63 1.69 0.00	53.79 1.88 0.00	57.83 1.98 0.00	66.02 2.35 0.00	59.03 2.56 0.00	64.36 2.98 0.00	56.36 2.65 0.00	75.15 2.68 0.00	81.17 2.81 0.00	68.93 2.34 0.00
NEG CAPITAL___MECHNVIL 23645	37.76 1.30 0.00	37.41 1.25 0.00	38.34 1.31 0.00	37.20 1.28 0.00	35.81 1.20 0.00	39.04 1.43 0.00	45.00 1.81 0.00	69.80 3.11 0.00	75.59 3.35 0.00	70.42 2.49 0.00	76.55 2.53 0.00	60.45 1.83 0.00	49.49 1.46 0.00	50.04 1.41 0.00	51.46 1.52 0.00	53.45 1.53 0.00	57.69 1.85 0.00	66.22 2.56 0.00	59.02 2.55 0.00	64.16 2.78 0.00	56.09 2.38 0.00	75.16 2.68 0.00	81.05 2.69 0.00	68.81 2.22 0.00

NEG CENTRAL_HIGH_ACRES 23767	35.90 -0.56 0.00	35.70 -0.46 0.00	36.49 -0.54 0.00	35.28 -0.64 0.00	34.16 -0.46 0.00	36.98 -0.62 0.00	42.53 -0.67 0.00	65.90 -0.79 0.00	71.30 -0.94 0.00	67.50 -0.43 0.00	73.85 -0.18 0.00	58.44 -0.17 0.00	47.78 -0.24 0.00	48.19 -0.44 0.00	49.49 -0.45 0.00	51.39 -0.53 0.00	55.10 -0.74 0.00	62.50 -1.17 0.00	55.52 -0.94 0.00	60.45 -0.92 0.00	52.98 -0.73 0.00	71.23 -1.25 0.00	77.09 -1.27 0.00	65.37 -1.22 0.00
NEG CENTRAL___DRP 24199	36.76 0.30 0.00	36.55 0.40 0.00	37.40 0.37 0.00	36.26 0.34 0.00	35.11 0.50 0.00	38.06 0.46 0.00	43.84 0.65 0.00	67.89 1.20 0.00	73.45 1.21 0.00	69.21 1.28 0.00	75.47 1.45 0.00	59.85 1.23 0.00	49.03 1.01 0.00	49.55 0.92 0.00	50.90 0.96 0.00	52.86 0.94 0.00	56.70 0.85 0.00	64.35 0.68 0.00	57.21 0.74 0.00	62.33 0.95 0.00	54.54 0.83 0.00	73.23 0.75 0.00	79.01 0.65 0.00	67.21 0.62 0.00
NEG CENTRAL___INDECK 23768	37.23 0.77 0.00	37.21 1.06 0.00	38.07 1.04 0.00	36.87 0.95 0.00	35.71 1.10 0.00	38.67 1.06 0.00	44.69 1.49 0.00	69.55 2.86 0.00	75.26 3.01 0.00	70.91 2.98 0.00	77.65 3.62 0.00	61.58 2.97 0.00	50.19 2.17 0.00	50.59 1.97 0.00	52.00 2.07 0.00	53.99 2.07 0.00	58.08 2.24 0.00	65.83 2.16 0.00	58.64 2.18 0.00	64.11 2.73 0.00	56.13 2.42 0.00	75.29 2.81 0.00	81.29 2.93 0.00	68.81 2.22 0.00
NEG CENTRAL___SENECA 23627	36.94 0.47 0.00	36.76 0.61 0.00	37.60 0.57 0.00	36.47 0.55 0.00	35.31 0.70 0.00	38.26 0.66 0.00	44.07 0.87 0.00	68.24 1.55 0.00	73.80 1.55 0.00	69.56 1.63 0.00	75.90 1.87 0.00	60.27 1.65 0.00	49.38 1.36 0.00	49.88 1.25 0.00	51.32 1.38 0.00	53.27 1.35 0.00	57.07 1.23 0.00	64.65 0.98 0.00	57.50 1.04 0.00	62.68 1.30 0.00	54.84 1.13 0.00	73.54 1.06 0.00	79.31 0.95 0.00	67.46 0.87 0.00
NEG CENTRAL___STATE_STREET 24147	36.76 0.29 0.00	36.50 0.35 0.00	37.35 0.32 0.00	36.23 0.31 0.00	35.15 0.54 0.00	38.04 0.44 0.00	43.89 0.69 0.00	67.99 1.30 0.00	73.50 1.25 0.00	69.23 1.31 0.00	75.50 1.48 0.00	59.80 1.18 0.00	48.97 0.94 0.00	49.51 0.88 0.00	50.66 0.72 0.00	52.63 0.72 0.00	56.55 0.70 0.00	64.32 0.65 0.00	57.21 0.75 0.00	62.31 0.93 0.00	54.54 0.83 0.00	73.44 0.96 0.00	79.21 0.85 0.00	67.46 0.87 0.00
NEG MILLWOOD___DRP 24198	37.98 1.52 0.00	37.48 1.33 0.00	38.34 1.31 0.00	37.23 1.31 0.00	35.85 1.24 0.00	39.06 1.45 0.00	44.95 1.76 0.00	69.75 3.07 0.00	75.65 3.40 0.00	70.80 2.87 0.00	76.91 2.89 0.00	60.93 2.31 0.00	49.85 1.83 0.00	50.50 1.87 0.00	51.83 1.89 0.00	54.00 2.08 0.00	58.03 2.18 0.00	66.26 2.59 0.00	59.25 2.78 0.00	64.61 3.23 0.00	56.59 2.88 0.00	75.41 2.94 0.00	81.44 3.08 0.00	69.18 2.59 0.00
NEG NORTH_FLCN_SEA 23793	37.39 0.93 0.00	37.03 0.87 0.00	38.02 0.99 0.00	36.93 1.02 0.00	35.63 1.02 0.00	38.80 1.19 0.00	44.49 1.29 0.00	68.34 1.66 0.00	73.91 1.67 0.00	69.45 1.52 0.00	75.76 1.74 0.00	60.05 1.43 0.00	49.32 1.29 0.00	49.85 1.23 0.00	51.10 1.16 0.00	53.15 1.23 0.00	57.49 1.64 0.00	65.59 1.92 0.00	57.72 1.26 0.00	62.34 0.96 0.00	55.05 1.34 0.00	74.29 1.82 0.00	80.35 1.99 0.00	68.13 1.54 0.00
NEG NORTH_KES_CHATEGAY 23792	36.98 0.52 0.00	36.61 0.45 0.00	37.63 0.59 0.00	36.53 0.62 0.00	35.22 0.61 0.00	38.30 0.70 0.00	43.92 0.72 0.00	67.45 0.76 0.00	72.98 0.74 0.00	68.75 0.82 0.00	75.06 1.03 0.00	60.30 1.69 0.00	49.51 1.49 0.00	50.00 1.37 0.00	51.25 1.31 0.00	53.01 1.10 0.00	56.95 1.10 0.00	64.92 1.25 0.00	57.11 0.65 0.00	61.78 0.40 0.00	54.49 0.78 0.00	73.82 1.34 0.00	79.84 1.48 0.00	67.66 1.07 0.00
NEG NORTH___ALICE_FALLS 23915	37.59 1.12 0.00	37.22 1.06 0.00	38.20 1.18 0.00	37.11 1.19 0.00	35.81 1.20 0.00	39.00 1.40 0.00	44.78 1.58 0.00	68.82 2.13 0.00	74.41 2.17 0.00	69.87 1.94 0.00	76.15 2.13 0.00	60.30 1.68 0.00	49.46 1.44 0.00	49.95 1.33 0.00	51.21 1.27 0.00	53.23 1.31 0.00	57.48 1.64 0.00	65.60 1.93 0.00	57.79 1.33 0.00	62.44 1.06 0.00	55.26 1.55 0.00	74.48 2.00 0.00	80.51 2.15 0.00	68.21 1.62 0.00
NEG NORTH___LWR_SARANAC 23913	37.59 1.12 0.00	37.22 1.06 0.00	38.20 1.18 0.00	37.11 1.19 0.00	35.81 1.20 0.00	39.00 1.40 0.00	44.78 1.58 0.00	68.82 2.13 0.00	74.41 2.17 0.00	69.87 1.94 0.00	76.15 2.13 0.00	60.30 1.68 0.00	49.46 1.44 0.00	49.95 1.33 0.00	51.21 1.27 0.00	53.23 1.31 0.00	57.48 1.64 0.00	65.60 1.93 0.00	57.79 1.33 0.00	62.44 1.06 0.00	55.26 1.55 0.00	74.48 2.00 0.00	80.51 2.15 0.00	68.21 1.62 0.00
NEG NORTH___PLATTSBURG 23628	37.59 1.12 0.00	37.22 1.06 0.00	38.20 1.17 0.00	37.11 1.19 0.00	35.81 1.20 0.00	39.00 1.39 0.00	44.78 1.58 0.00	68.82 2.13 0.00	74.41 2.17 0.00	69.87 1.94 0.00	76.15 2.13 0.00	60.30 1.68 0.00	49.46 1.44 0.00	49.95 1.33 0.00	51.21 1.27 0.00	53.23 1.31 0.00	57.48 1.64 0.00	65.60 1.93 0.00	57.79 1.33 0.00	62.44 1.06 0.00	55.26 1.55 0.00	74.48 2.00 0.00	80.51 2.15 0.00	68.21 1.61 0.00
NEG WEST_LEA_LOCKPORT 23791	35.80 -0.66 0.00	35.79 -0.37 0.00	36.50 -0.53 0.00	35.12 -0.80 0.00	34.10 -0.52 0.00	36.64 -0.96 0.00	41.84 -1.35 0.00	64.82 -1.87 0.00	70.16 -2.08 0.00	67.05 -0.87 0.00	73.92 -0.10 0.00	58.48 -0.14 0.00	47.63 -0.39 0.00	47.86 -0.77 0.00	49.18 -0.77 0.00	50.99 -0.92 0.00	54.39 -1.46 0.00	61.33 -2.34 0.00	54.57 -1.90 0.00	59.41 -1.96 0.00	52.19 -1.53 0.00	70.52 -1.96 0.00	76.75 -1.62 0.00	65.08 -1.52 0.00
NEG WEST___LANCASTER 23811	37.03 0.57 0.00	37.00 0.85 0.00	37.76 0.73 0.00	36.40 0.48 0.00	35.38 0.77 0.00	38.01 0.40 0.00	43.39 0.19 0.00	67.35 0.66 0.00	72.83 0.59 0.00	69.40 1.47 0.00	76.19 2.16 0.00	60.35 1.73 0.00	49.26 1.24 0.00	49.61 0.99 0.00	50.86 0.92 0.00	52.63 0.71 0.00	56.40 0.55 0.00	63.74 0.07 0.00	56.74 0.28 0.00	61.74 0.36 0.00	54.14 0.43 0.00	72.91 0.44 0.00	79.06 0.70 0.00	67.02 0.43 0.00
NEG_PENN_ALLEGHNY 23528	36.88 0.41 0.00	36.66 0.50 0.00	37.52 0.50 0.00	36.40 0.48 0.00	35.19 0.58 0.00	38.12 0.51 0.00	43.78 0.58 0.00	67.86 1.17 0.00	73.35 1.11 0.00	68.97 1.05 0.00	75.24 1.22 0.00	59.58 0.97 0.00	48.85 0.83 0.00	49.31 0.69 0.00	50.75 0.81 0.00	52.73 0.81 0.00	56.61 0.76 0.00	64.27 0.60 0.00	57.25 0.79 0.00	62.44 1.06 0.00	54.62 0.90 0.00	73.24 0.76 0.00	79.11 0.75 0.00	67.23 0.64 0.00
NEG___GEN_MONROE 24207	36.84 0.38 0.00	36.68 0.52 0.00	37.49 0.46 0.00	36.26 0.34 0.00	35.05 0.44 0.00	37.89 0.29 0.00	43.44 0.24 0.00	67.37 0.68 0.00	72.84 0.59 0.00	69.09 1.17 0.00	75.71 1.69 0.00	59.90 1.28 0.00	48.89 0.87 0.00	49.17 0.54 0.00	50.49 0.55 0.00	52.39 0.47 0.00	56.20 0.35 0.00	63.63 -0.04 0.00	56.59 0.13 0.00	61.62 0.25 0.00	54.04 0.33 0.00	72.75 0.26 0.00	78.81 0.45 0.00	66.77 0.18 0.00

NEPA___ENERGY 23901	37.24 0.78 0.00	37.25 1.10 0.00	38.03 1.00 0.00	36.72 0.81 0.00	35.73 1.12 0.00	38.37 0.77 0.00	43.83 0.63 0.00	68.13 1.44 0.00	73.45 1.21 0.00	69.83 1.90 0.00	76.41 2.38 0.00	60.50 1.88 0.00	49.39 1.37 0.00	49.64 1.02 0.00	51.05 1.11 0.00	52.86 0.94 0.00	56.56 0.72 0.00	63.87 0.21 0.00	57.05 0.59 0.00	62.25 0.87 0.00	54.39 0.68 0.00	73.08 0.61 0.00	79.01 0.65 0.00	67.03 0.44 0.00
NEVERSINK___HYD 23608	38.51 2.05 0.00	38.05 1.90 0.00	38.99 1.97 0.00	37.88 1.96 0.00	36.52 1.90 0.00	39.75 2.15 0.00	45.72 2.52 0.00	70.79 4.10 0.00	76.63 4.39 0.00	71.84 3.91 0.00	78.14 4.11 0.00	61.89 3.27 0.00	50.65 2.63 0.00	51.07 2.45 0.00	52.14 2.20 0.00	54.18 2.26 0.00	58.27 2.43 0.00	66.50 2.83 0.00	59.43 2.97 0.00	64.88 3.50 0.00	56.78 3.07 0.00	75.78 3.30 0.00	81.74 3.38 0.00	69.43 2.84 0.00
NEWKRMKL_115KV_TB1 55635	36.74 0.28 0.00	36.43 0.28 0.00	37.33 0.30 0.00	36.25 0.33 0.00	34.84 0.23 0.00	37.92 0.32 0.00	43.55 0.35 0.00	67.39 0.70 0.00	73.00 0.75 0.00	68.20 0.28 0.00	74.07 0.05 0.00	58.51 -0.11 0.00	47.94 -0.08 0.00	48.57 -0.06 0.00	49.99 0.05 0.00	51.92 0.00 0.00	56.04 0.19 0.00	64.16 0.49 0.00	57.10 0.64 0.00	62.04 0.66 0.00	54.29 0.58 0.00	72.75 0.27 0.00	78.53 0.17 0.00	66.71 0.12 0.00
NEWTON___FALLS_HYD 23847	35.96 -0.50 0.00	35.69 -0.47 0.00	36.72 -0.31 0.00	35.68 -0.23 0.00	34.42 -0.19 0.00	37.49 -0.12 0.00	43.04 -0.16 0.00	66.48 -0.21 0.00	71.97 -0.27 0.00	67.94 0.02 0.00	74.33 0.30 0.00	58.73 0.11 0.00	48.10 0.08 0.00	48.73 0.11 0.00	50.07 0.13 0.00	52.11 0.19 0.00	56.14 0.29 0.00	64.16 0.49 0.00	56.47 0.01 0.00	61.38 0.00 0.00	53.51 -0.20 0.00	73.03 0.55 0.00	78.82 0.46 0.00	66.72 0.13 0.00
NGRID_A1_DSASP 323792	35.43 -1.04 0.00	35.41 -0.74 0.00	36.10 -0.92 0.00	34.70 -1.21 0.00	33.70 -0.92 0.00	36.17 -1.44 0.00	41.20 -2.00 0.00	63.76 -2.93 0.00	68.99 -3.25 0.00	66.04 -1.89 0.00	72.84 -1.19 0.00	57.77 -0.85 0.00	47.16 -0.86 0.00	47.40 -1.23 0.00	48.66 -1.28 0.00	50.40 -1.51 0.00	53.73 -2.11 0.00	60.32 -3.35 0.00	53.67 -2.79 0.00	58.41 -2.97 0.00	51.35 -2.37 0.00	69.41 -3.07 0.00	75.72 -2.64 0.00	64.40 -2.19 0.00
NGRID_A2_DSASP 323793	35.43 -1.04 0.00	35.41 -0.74 0.00	36.10 -0.92 0.00	34.70 -1.21 0.00	33.70 -0.92 0.00	36.17 -1.44 0.00	41.20 -2.00 0.00	63.76 -2.93 0.00	68.99 -3.25 0.00	66.04 -1.89 0.00	72.84 -1.19 0.00	57.77 -0.85 0.00	47.16 -0.86 0.00	47.40 -1.23 0.00	48.66 -1.28 0.00	50.40 -1.51 0.00	53.73 -2.11 0.00	60.32 -3.35 0.00	53.67 -2.79 0.00	58.41 -2.97 0.00	51.35 -2.37 0.00	69.41 -3.07 0.00	75.72 -2.64 0.00	64.40 -2.19 0.00
NGRID_A4_DSASP 323807	35.43 -1.04 0.00	35.41 -0.74 0.00	36.10 -0.92 0.00	34.70 -1.21 0.00	33.70 -0.92 0.00	36.17 -1.44 0.00	41.20 -2.00 0.00	63.76 -2.93 0.00	68.99 -3.25 0.00	66.04 -1.89 0.00	72.84 -1.19 0.00	57.77 -0.85 0.00	47.16 -0.86 0.00	47.40 -1.23 0.00	48.66 -1.28 0.00	50.40 -1.51 0.00	53.73 -2.11 0.00	60.32 -3.35 0.00	53.67 -2.79 0.00	58.41 -2.97 0.00	51.35 -2.37 0.00	69.41 -3.07 0.00	75.72 -2.64 0.00	64.40 -2.19 0.00
NIAGARA_115E_LBMP 323715	35.29 -1.18 0.00	35.28 -0.87 0.00	35.98 -1.05 0.00	34.60 -1.32 0.00	33.61 -1.00 0.00	36.09 -1.52 0.00	41.14 -2.06 0.00	63.69 -3.00 0.00	68.90 -3.35 0.00	66.01 -1.92 0.00	72.81 -1.22 0.00	57.54 -1.08 0.00	46.86 -1.16 0.00	47.07 -1.56 0.00	48.33 -1.61 0.00	50.07 -1.85 0.00	53.40 -2.45 0.00	60.26 -3.41 0.00	53.58 -2.88 0.00	58.36 -3.02 0.00	51.29 -2.43 0.00	69.32 -3.16 0.00	75.58 -2.78 0.00	64.09 -2.50 0.00
NIAGARA_115W_LBMP 323714	35.31 -1.15 0.00	35.30 -0.85 0.00	35.99 -1.04 0.00	34.60 -1.32 0.00	33.59 -1.02 0.00	36.05 -1.56 0.00	41.05 -2.14 0.00	63.55 -3.14 0.00	68.76 -3.49 0.00	65.81 -2.12 0.00	72.58 -1.45 0.00	57.61 -1.00 0.00	47.04 -0.98 0.00	47.27 -1.36 0.00	48.54 -1.40 0.00	50.28 -1.64 0.00	53.59 -2.26 0.00	60.12 -3.55 0.00	53.48 -2.98 0.00	58.22 -3.16 0.00	51.17 -2.54 0.00	69.17 -3.31 0.00	75.48 -2.88 0.00	64.24 -2.34 0.00
NIAGARA_230_LBMP 323716	35.61 -0.85 0.00	35.59 -0.57 0.00	36.30 -0.73 0.00	34.91 -1.01 0.00	33.90 -0.72 0.00	36.37 -1.24 0.00	41.47 -1.72 0.00	64.20 -2.48 0.00	69.48 -2.76 0.00	66.43 -1.50 0.00	73.19 -0.83 0.00	57.93 -0.69 0.00	47.22 -0.80 0.00	47.46 -1.17 0.00	48.74 -1.20 0.00	50.48 -1.44 0.00	53.89 -1.96 0.00	60.76 -2.91 0.00	54.07 -2.39 0.00	58.82 -2.56 0.00	51.70 -2.02 0.00	69.82 -2.66 0.00	76.11 -2.25 0.00	64.56 -2.03 0.00
NIAGARA___115KV_198_GIBSON 55903	35.31 -1.15 0.00	35.30 -0.85 0.00	35.99 -1.04 0.00	34.60 -1.32 0.00	33.59 -1.02 0.00	36.05 -1.55 0.00	41.06 -2.13 0.00	63.54 -3.15 0.00	68.76 -3.49 0.00	65.79 -2.14 0.00	72.59 -1.44 0.00	57.61 -1.01 0.00	47.05 -0.98 0.00	47.27 -1.36 0.00	48.54 -1.40 0.00	50.28 -1.64 0.00	53.58 -2.26 0.00	60.11 -3.56 0.00	53.49 -2.98 0.00	58.22 -3.16 0.00	51.16 -2.55 0.00	69.21 -3.27 0.00	75.48 -2.88 0.00	64.24 -2.35 0.00
NIAGARA___ 23760	35.61 -0.85 0.00	35.59 -0.57 0.00	36.30 -0.73 0.00	34.91 -1.01 0.00	33.90 -0.72 0.00	36.37 -1.24 0.00	41.47 -1.72 0.00	64.20 -2.48 0.00	69.48 -2.76 0.00	66.43 -1.50 0.00	73.19 -0.83 0.00	57.93 -0.69 0.00	47.22 -0.80 0.00	47.46 -1.17 0.00	48.74 -1.20 0.00	50.48 -1.44 0.00	53.89 -1.96 0.00	60.76 -2.91 0.00	54.07 -2.39 0.00	58.82 -2.56 0.00	51.70 -2.02 0.00	69.82 -2.66 0.00	76.11 -2.25 0.00	64.56 -2.03 0.00
NINE_MILE_1 23575	35.62 -0.85 0.00	35.34 -0.81 0.00	36.19 -0.84 0.00	35.08 -0.84 0.00	33.85 -0.77 0.00	36.76 -0.84 0.00	42.26 -0.93 0.00	65.37 -1.32 0.00	70.78 -1.47 0.00	66.58 -1.35 0.00	72.61 -1.41 0.00	57.49 -1.13 0.00	47.06 -0.96 0.00	47.63 -1.00 0.00	48.90 -1.04 0.00	50.83 -1.09 0.00	54.63 -1.22 0.00	62.21 -1.45 0.00	55.27 -1.19 0.00	60.14 -1.24 0.00	52.64 -1.08 0.00	70.87 -1.61 0.00	76.68 -1.68 0.00	65.22 -1.38 0.00
NINE_MILE_2 23744	35.62 -0.85 0.00	35.34 -0.81 0.00	36.19 -0.84 0.00	35.08 -0.83 0.00	33.85 -0.76 0.00	36.76 -0.84 0.00	42.26 -0.93 0.00	65.38 -1.31 0.00	70.79 -1.45 0.00	66.58 -1.35 0.00	72.62 -1.41 0.00	57.49 -1.13 0.00	47.07 -0.95 0.00	47.63 -1.00 0.00	48.90 -1.04 0.00	50.83 -1.09 0.00	54.63 -1.22 0.00	62.23 -1.44 0.00	55.28 -1.18 0.00	60.14 -1.24 0.00	52.64 -1.07 0.00	70.87 -1.61 0.00	76.69 -1.67 0.00	65.22 -1.37 0.00
NM_CAPITAL___DRP 24208	36.80 0.34 0.00	36.50 0.35 0.00	37.42 0.40 0.00	36.32 0.41 0.00	34.90 0.29 0.00	37.98 0.38 0.00	43.63 0.43 0.00	67.54 0.85 0.00	73.14 0.90 0.00	68.33 0.41 0.00	74.20 0.18 0.00	58.60 -0.02 0.00	48.03 0.01 0.00	48.70 0.07 0.00	50.09 0.15 0.00	52.02 0.10 0.00	56.14 0.29 0.00	64.30 0.63 0.00	57.22 0.76 0.00	62.17 0.79 0.00	54.39 0.68 0.00	72.90 0.42 0.00	78.69 0.32 0.00	66.86 0.28 0.00

NM_CENTRAL___DRP 24181	36.33 -0.14 0.00	36.03 -0.12 0.00	36.88 -0.15 0.00	35.76 -0.16 0.00	34.53 -0.08 0.00	37.51 -0.10 0.00	43.16 -0.03 0.00	66.84 0.15 0.00	72.38 0.14 0.00	68.08 0.15 0.00	74.24 0.21 0.00	58.76 0.14 0.00	48.10 0.08 0.00	48.67 0.04 0.00	50.00 0.06 0.00	51.92 0.00 0.00	55.81 -0.03 0.00	63.53 -0.14 0.00	56.48 0.02 0.00	61.49 0.11 0.00	53.80 0.09 0.00	72.32 -0.15 0.00	78.19 -0.17 0.00	66.45 -0.14 0.00
NM_FRONTIER___DRP 24179	35.31 -1.15 0.00	35.30 -0.85 0.00	35.99 -1.04 0.00	34.60 -1.32 0.00	33.59 -1.02 0.00	36.05 -1.55 0.00	41.06 -2.13 0.00	63.54 -3.15 0.00	68.76 -3.49 0.00	65.79 -2.14 0.00	72.59 -1.44 0.00	57.61 -1.01 0.00	47.05 -0.98 0.00	47.27 -1.36 0.00	48.54 -1.40 0.00	50.28 -1.64 0.00	53.58 -2.26 0.00	60.11 -3.56 0.00	53.49 -2.98 0.00	58.22 -3.16 0.00	51.16 -2.55 0.00	69.21 -3.27 0.00	75.48 -2.88 0.00	64.24 -2.35 0.00
NM_ST_REGIS___HYD 24053	36.42 -0.05 0.00	36.11 -0.05 0.00	37.04 0.02 0.00	35.95 0.03 0.00	34.63 0.02 0.00	37.64 0.03 0.00	43.02 -0.18 0.00	66.10 -0.59 0.00	71.54 -0.70 0.00	67.80 -0.13 0.00	74.20 0.18 0.00	58.88 0.26 0.00	48.24 0.22 0.00	48.76 0.13 0.00	50.03 0.09 0.00	52.08 0.16 0.00	56.13 0.29 0.00	63.97 0.31 0.00	56.00 -0.46 0.00	60.71 -0.66 0.00	53.03 -0.68 0.00	72.60 0.12 0.00	78.42 0.06 0.00	66.40 -0.19 0.00
NORTHPORT___1 23551	35.92 1.63 2.17	37.29 1.14 0.00	37.94 0.92 0.00	36.75 0.84 0.00	34.92 0.31 0.00	35.71 0.07 1.97	36.13 0.11 7.18	67.30 0.61 0.00	43.90 0.47 28.81	19.82 0.43 48.54	50.11 0.19 24.10	48.20 0.61 11.02	17.53 0.35 30.84	11.67 0.34 37.30	20.87 0.25 29.32	18.14 0.39 34.16	20.74 0.40 35.50	64.65 0.99 0.00	57.91 1.45 0.00	29.62 1.41 33.17	54.55 1.45 0.60	57.63 0.55 15.40	57.79 0.06 20.63	53.84 0.20 12.95
NORTHPORT___2 23552	35.92 1.63 2.17	37.29 1.14 0.00	37.94 0.92 0.00	36.75 0.84 0.00	34.92 0.31 0.00	35.71 0.07 1.97	36.13 0.11 7.18	67.30 0.61 0.00	43.90 0.47 28.81	19.82 0.43 48.54	50.11 0.19 24.10	48.20 0.61 11.02	17.53 0.35 30.84	11.67 0.34 37.30	20.87 0.25 29.32	18.14 0.39 34.16	20.74 0.40 35.50	64.65 0.99 0.00	57.91 1.45 0.00	29.62 1.41 33.17	54.55 1.45 0.60	57.63 0.55 15.40	57.79 0.06 20.63	53.84 0.20 12.95
NORTHPORT___3 23553	35.44 1.19 2.22	36.87 0.72 0.01	37.50 0.48 0.00	36.36 0.44 0.00	34.59 -0.03 0.00	35.37 -0.28 1.96	35.73 -0.33 7.14	66.58 -0.10 0.00	43.25 -0.25 28.75	19.19 -0.32 48.41	49.50 -0.54 23.99	47.65 0.01 10.97	17.13 -0.20 30.70	11.42 -0.06 37.15	20.44 -0.24 29.26	17.67 -0.17 34.08	20.19 -0.20 35.45	63.94 0.27 0.01	57.24 0.78 0.01	29.14 0.82 33.05	53.96 0.85 0.60	56.90 -0.22 15.36	57.11 -0.70 20.55	53.26 -0.45 12.88
NORTHPORT___4 23650	35.44 1.19 2.22	36.87 0.72 0.01	37.50 0.48 0.00	36.36 0.44 0.00	34.59 -0.03 0.00	35.37 -0.28 1.96	35.73 -0.33 7.14	66.58 -0.10 0.00	43.25 -0.25 28.75	19.19 -0.32 48.41	49.50 -0.54 23.99	47.65 0.01 10.97	17.13 -0.20 30.70	11.42 -0.06 37.15	20.44 -0.24 29.26	17.67 -0.17 34.08	20.19 -0.20 35.45	63.94 0.27 0.01	57.24 0.78 0.01	29.14 0.82 33.05	53.96 0.85 0.60	56.90 -0.22 15.36	57.11 -0.70 20.55	53.26 -0.45 12.88
NORTHPORT___IC 23718	35.92 1.63 2.17	37.30 1.15 0.00	37.94 0.92 0.00	36.75 0.84 0.00	34.92 0.31 0.00	35.70 0.07 1.97	36.13 0.11 7.18	67.30 0.62 0.00	43.91 0.47 28.81	19.85 0.47 48.54	50.11 0.19 24.10	48.20 0.60 11.02	17.57 0.39 30.84	11.67 0.34 37.30	20.88 0.26 29.32	18.16 0.41 34.16	20.78 0.44 35.50	64.65 0.99 0.00	57.89 1.43 0.00	29.62 1.42 33.17	54.55 1.44 0.60	57.61 0.53 15.40	57.79 0.06 20.63	53.84 0.20 12.95
NORTH___COUNTRY_ESR 323785	36.98 0.52 0.00	36.61 0.45 0.00	37.63 0.59 0.00	36.53 0.62 0.00	35.23 0.61 0.00	38.30 0.70 0.00	43.92 0.72 0.00	67.45 0.76 0.00	72.98 0.74 0.00	68.74 0.82 0.00	75.06 1.03 0.00	59.54 0.93 0.00	48.88 0.86 0.00	49.40 0.77 0.00	50.64 0.70 0.00	52.66 0.74 0.00	56.85 1.01 0.00	64.77 1.10 0.00	56.96 0.50 0.00	61.59 0.21 0.00	54.22 0.51 0.00	73.58 1.10 0.00	79.62 1.26 0.00	67.47 0.88 0.00
NPX_GEN_1385_PROXY 323591	35.64 1.34 2.17	37.01 0.86 0.00	37.66 0.63 0.00	36.48 0.57 0.00	34.65 0.04 0.00	35.43 -0.21 1.97	36.12 0.10 7.18	67.29 0.60 0.00	43.87 0.44 28.81	20.16 0.08 47.85	49.51 -0.41 24.10	47.72 0.12 11.02	17.08 -0.10 30.84	11.25 -0.08 37.30	21.02 0.40 29.32	18.50 0.74 34.16	21.16 0.81 35.50	64.72 1.06 0.00	57.88 1.42 0.00	29.01 0.81 33.17	54.51 1.40 0.60	57.66 0.57 15.40	56.93 -0.80 20.63	48.43 -0.60 17.55
NPX_GEN_CSC 323557	35.91 1.36 1.91	36.94 0.79 0.00	37.60 0.57 0.00	36.44 0.52 0.00	34.54 -0.07 0.00	35.34 -0.33 1.94	35.91 -0.22 7.06	66.83 0.14 0.00	43.30 -0.52 28.43	20.48 -0.26 47.19	49.43 -0.87 23.73	47.47 -0.36 10.78	17.32 -0.45 30.25	11.43 -0.69 36.51	20.29 -0.72 28.93	17.70 -0.52 33.70	20.43 -0.48 34.94	64.87 1.20 0.00	58.14 1.68 0.00	30.09 1.11 32.39	54.16 1.05 0.59	57.28 -0.08 15.11	57.32 -0.71 20.33	48.31 -0.93 17.35
NSINS_S___GLNS_FALLS 23858	38.11 1.65 0.00	37.69 1.53 0.00	38.63 1.60 0.00	37.49 1.57 0.00	36.15 1.53 0.00	39.44 1.83 0.00	45.60 2.40 0.00	70.87 4.18 0.00	76.87 4.63 0.00	71.21 3.28 0.00	77.48 3.45 0.00	61.06 2.45 0.00	50.05 2.03 0.00	50.64 2.01 0.00	51.94 2.00 0.00	53.95 2.03 0.00	58.40 2.56 0.00	67.11 3.44 0.00	59.78 3.32 0.00	64.89 3.51 0.00	56.74 3.03 0.00	75.88 3.40 0.00	81.76 3.40 0.00	69.51 2.92 0.00
NUCOR_STEEL___DRP 24197	36.71 0.25 0.00	36.45 0.29 0.00	37.29 0.26 0.00	36.17 0.25 0.00	35.11 0.50 0.00	37.98 0.38 0.00	43.83 0.63 0.00	67.89 1.21 0.00	73.40 1.16 0.00	69.12 1.20 0.00	75.41 1.39 0.00	59.71 1.09 0.00	48.89 0.87 0.00	49.44 0.81 0.00	50.55 0.60 0.00	52.52 0.60 0.00	56.44 0.59 0.00	64.21 0.54 0.00	57.12 0.65 0.00	62.21 0.83 0.00	54.44 0.73 0.00	73.36 0.88 0.00	79.12 0.76 0.00	67.40 0.80 0.00
NUMBER_THREE_WT_PWR 323818	36.14 -0.32 0.00	35.90 -0.26 0.00	37.07 0.04 0.00	36.09 0.18 0.00	34.87 0.26 0.00	38.06 0.45 0.00	43.95 0.75 0.00	68.20 1.51 0.00	73.94 1.69 0.00	69.45 1.52 0.00	75.82 1.79 0.00	59.72 1.10 0.00	48.97 0.94 0.00	49.72 1.09 0.00	51.10 1.16 0.00	53.24 1.32 0.00	57.36 1.51 0.00	65.66 1.99 0.00	58.18 1.72 0.00	63.33 1.95 0.00	55.31 1.60 0.00	74.76 2.28 0.00	80.57 2.20 0.00	68.22 1.63 0.00
NYISO_LBMP_REFERENCE 24008	36.46 0.00 0.00	36.15 0.00 0.00	37.03 0.00 0.00	35.91 0.00 0.00	34.61 0.00 0.00	37.60 0.00 0.00	43.20 0.00 0.00	66.69 0.00 0.00	72.24 0.00 0.00	67.93 0.00 0.00	74.02 0.00 0.00	58.62 0.00 0.00	48.02 0.00 0.00	48.63 0.00 0.00	49.94 0.00 0.00	51.92 0.00 0.00	55.85 0.00 0.00	63.67 0.00 0.00	56.46 0.00 0.00	61.38 0.00 0.00	53.71 0.00 0.00	72.48 0.00 0.00	78.36 0.00 0.00	66.59 0.00 0.00

NYPA_BRENTWD____GT 24164	36.84 1.97 1.59	37.62 1.47 0.00	38.27 1.25 0.00	37.07 1.15 0.00	35.25 0.63 0.00	36.19 0.48 1.90	36.91 0.63 6.92	68.21 1.52 0.00	45.83 1.40 27.82	22.43 1.37 46.87	51.95 1.18 23.25	49.43 1.31 10.49	19.40 0.89 29.52	13.92 0.83 35.54	22.44 0.82 28.32	19.93 1.00 32.99	22.81 1.04 34.08	65.57 1.91 0.00	58.75 2.30 0.00	32.33 2.38 31.43	55.33 2.19 0.57	59.28 1.52 14.72	59.56 1.10 19.90	55.08 0.97 12.49
NYPA_GOWANUS____GT5 24156	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NYPA_GOWANUS____GT6 24157	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.52 -13.10	51.08 1.52 -13.64	51.56 1.42 -15.52	52.09 1.62 -12.86	52.46 1.96 -7.31	84.94 3.31 -14.94	89.56 3.83 -13.49	90.80 3.33 -19.54	91.00 3.42 -13.56	89.58 2.81 -28.16	89.58 2.23 -39.33	89.56 2.32 -38.61	89.58 2.37 -37.26	89.57 2.53 -35.12	83.94 2.55 -25.54	84.23 2.91 -17.65	81.79 3.07 -22.25	89.58 3.62 -24.58	89.55 3.33 -32.51	90.16 3.33 -14.35	92.18 3.56 -10.25	82.21 3.09 -12.53
NYPA_HARLEM__RVR__GT1 24160	37.84 1.38 0.00	37.28 1.12 -0.01	38.10 1.07 0.00	37.02 1.10 0.00	35.63 1.02 0.00	38.80 1.19 0.00	44.64 1.44 0.00	69.40 2.71 0.00	75.83 3.29 -0.29	70.65 2.71 -0.01	76.79 2.76 0.00	60.84 2.22 -0.01	49.79 1.77 0.00	50.47 1.83 -0.01	51.81 1.86 -0.01	53.94 2.02 -0.01	58.23 2.08 -0.31	66.10 2.43 -0.01	59.08 2.61 0.00	64.45 3.07 0.00	56.55 2.84 0.00	75.36 2.88 0.00	81.51 3.14 0.00	69.21 2.62 0.00
NYPA_HARLEM__RVR__GT2 24161	37.84 1.38 0.00	37.28 1.12 -0.01	38.10 1.07 0.00	37.02 1.10 0.00	35.63 1.02 0.00	38.80 1.19 0.00	44.64 1.44 0.00	69.40 2.71 0.00	75.83 3.29 -0.29	70.65 2.71 -0.01	76.79 2.76 0.00	60.84 2.22 -0.01	49.79 1.77 0.00	50.47 1.83 -0.01	51.81 1.86 -0.01	53.94 2.02 -0.01	58.23 2.08 -0.31	66.10 2.43 -0.01	59.08 2.61 0.00	64.45 3.07 0.00	56.55 2.84 0.00	75.36 2.88 0.00	81.51 3.14 0.00	69.21 2.62 0.00
NYPA_KENT____GT 24152	47.14 1.70 -8.98	46.25 1.49 -8.60	46.34 1.43 -7.88	45.57 1.44 -8.21	45.30 1.35 -9.34	46.89 1.55 -7.74	49.46 1.87 -4.40	78.87 3.19 -8.99	84.21 3.71 -8.26	82.88 3.19 -11.76	85.45 3.27 -8.16	78.26 2.69 -16.95	76.18 2.13 -26.02	74.88 2.23 -24.02	75.17 2.27 -22.96	75.87 2.44 -21.51	74.22 2.47 -15.91	79.12 2.83 -12.62	72.91 2.99 -13.46	79.67 3.49 -14.79	76.49 3.21 -19.57	84.35 3.23 -8.64	87.96 3.42 -6.17	77.08 2.95 -7.54
NYPA_POUCH1____GT 24155	52.75 1.69 -14.59	51.95 1.50 -14.29	51.56 1.43 -13.10	50.98 1.42 -13.64	51.46 1.32 -15.52	51.97 1.51 -12.86	52.31 1.80 -7.31	83.01 3.04 -13.28	85.47 3.57 -9.66	90.56 3.09 -19.54	90.76 3.17 -13.56	89.37 2.60 -28.16	83.53 2.03 -33.48	89.39 2.15 -38.61	86.69 2.18 -34.56	84.71 2.33 -30.46	81.17 2.32 -23.00	80.32 2.67 -13.98	81.59 2.88 -22.25	89.39 3.43 -24.58	89.42 3.19 -32.51	89.95 3.12 -14.35	91.94 3.32 -10.25	82.07 2.95 -12.53
NYPA_VERNON____GT2 24162	41.43 1.61 -3.36	40.47 1.40 -2.92	41.04 1.35 -2.67	40.05 1.36 -2.78	39.04 1.27 -3.16	41.69 1.47 -2.62	46.45 1.77 -1.49	72.82 3.09 -3.04	78.85 3.57 -3.03	74.97 3.06 -3.99	79.91 3.13 -2.77	66.92 2.56 -5.74	62.78 2.04 -12.72	60.20 2.13 -9.43	60.76 2.17 -8.65	62.16 2.34 -7.91	64.51 2.39 -6.27	73.99 2.74 -7.58	64.04 2.91 -4.67	69.76 3.38 -5.00	63.43 3.10 -6.62	78.51 3.11 -2.92	83.76 3.31 -2.09	71.97 2.83 -2.55
NYPA_VERNON____GT3 24163	41.43 1.61 -3.36	40.47 1.40 -2.92	41.04 1.35 -2.67	40.05 1.36 -2.78	39.04 1.27 -3.16	41.69 1.47 -2.62	46.45 1.77 -1.49	72.82 3.09 -3.04	78.85 3.57 -3.03	74.97 3.06 -3.99	79.91 3.13 -2.77	66.92 2.56 -5.74	62.78 2.04 -12.72	60.20 2.13 -9.43	60.76 2.17 -8.65	62.16 2.34 -7.91	64.51 2.39 -6.27	73.99 2.74 -7.58	64.04 2.91 -4.67	69.76 3.38 -5.00	63.43 3.10 -6.62	78.51 3.11 -2.92	83.76 3.31 -2.09	71.97 2.83 -2.55
NYPA__ASTORIA_CC1 323568	38.43 1.57 -0.40	37.52 1.36 -0.01	38.34 1.31 0.00	37.24 1.32 0.00	35.84 1.23 0.00	39.03 1.43 0.00	44.92 1.72 0.00	69.71 3.02 0.00	76.02 3.48 -0.29	70.90 2.97 -0.01	77.03 3.00 0.00	61.11 2.49 -0.01	54.77 1.99 -4.76	52.29 2.08 -1.59	53.13 2.11 -1.08	54.96 2.28 -0.76	59.26 2.33 -1.08	70.36 2.67 -4.02	59.44 2.84 -0.14	64.68 3.31 0.00	56.75 3.04 0.00	75.51 3.03 0.00	81.60 3.24 0.00	69.35 2.76 0.00
NYPA__ASTORIA_CC2 323569	38.43 1.57 -0.40	37.52 1.36 -0.01	38.34 1.31 0.00	37.24 1.32 0.00	35.84 1.23 0.00	39.03 1.43 0.00	44.92 1.72 0.00	69.71 3.02 0.00	76.02 3.48 -0.29	70.90 2.97 -0.01	77.03 3.00 0.00	61.11 2.49 -0.01	54.77 1.99 -4.76	52.29 2.08 -1.59	53.13 2.11 -1.08	54.96 2.28 -0.76	59.26 2.33 -1.08	70.36 2.67 -4.02	59.44 2.84 -0.14	64.68 3.31 0.00	56.75 3.04 0.00	75.51 3.03 0.00	81.60 3.24 0.00	69.35 2.76 0.00
NYPA__HOLTSVILL 23794	36.17 1.64 1.93	37.27 1.12 0.00	37.93 0.91 0.00	36.74 0.82 0.00	34.92 0.31 0.00	35.75 0.08 1.94	36.28 0.16 7.07	67.39 0.70 0.00	44.23 0.46 28.47	20.55 0.57 47.94	50.46 0.20 23.77	48.37 0.56 10.81	18.04 0.31 30.30	12.24 0.20 36.59	21.13 0.16 28.98	18.52 0.35 33.75	21.21 0.36 35.00	64.92 1.26 0.00	58.21 1.75 0.00	30.58 1.66 32.46	54.66 1.54 0.59	57.96 0.63 15.14	58.15 0.15 20.36	53.91 0.08 12.76
NYPA__HELLGATE_GT1 24158	37.84 1.38 0.00	37.28 1.12 -0.01	38.10 1.07 0.00	37.02 1.10 0.00	35.63 1.02 0.00	38.80 1.19 0.00	44.64 1.44 0.00	69.40 2.71 0.00	75.83 3.29 -0.29	70.65 2.71 -0.01	76.79 2.76 0.00	60.84 2.22 -0.01	49.79 1.77 0.00	50.47 1.83 -0.01	51.81 1.86 -0.01	53.94 2.02 -0.01	58.23 2.08 -0.31	66.10 2.43 -0.01	59.08 2.61 0.00	64.45 3.07 0.00	56.50 2.79 0.00	75.31 2.83 0.00	81.51 3.14 0.00	69.21 2.62 0.00
NYPA__HELLGATE_GT2 24159	37.84 1.38 0.00	37.28 1.12 -0.01	38.10 1.07 0.00	37.02 1.10 0.00	35.63 1.02 0.00	38.80 1.19 0.00	44.64 1.44 0.00	69.40 2.71 0.00	75.83 3.29 -0.29	70.65 2.71 -0.01	76.79 2.76 0.00	60.84 2.22 -0.01	49.79 1.77 0.00	50.47 1.83 -0.01	51.81 1.86 -0.01	53.94 2.02 -0.01	58.23 2.08 -0.31	66.10 2.43 -0.01	59.08 2.61 0.00	64.45 3.07 0.00	56.50 2.79 0.00	75.31 2.83 0.00	81.51 3.14 0.00	69.21 2.62 0.00
NYS_BARGE__HYD 23848	35.84 -0.63 0.00	35.82 -0.34 0.00	36.53 -0.50 0.00	35.14 -0.78 0.00	34.12 -0.49 0.00	36.67 -0.94 0.00	41.86 -1.34 0.00	64.87 -1.83 0.00	70.21 -2.03 0.00	67.16 -0.76 0.00	74.02 0.00 0.00	58.52 -0.10 0.00	47.67 -0.35 0.00	47.90 -0.73 0.00	49.19 -0.75 0.00	50.99 -0.93 0.00	54.40 -1.44 0.00	61.36 -2.31 0.00	54.59 -1.87 0.00	59.46 -1.92 0.00	52.22 -1.49 0.00	70.53 -1.95 0.00	76.79 -1.57 0.00	65.10 -1.49 0.00

OAK ORCHARD___HYD 24046	36.48 0.02 0.00	36.30 0.15 0.00	37.08 0.06 0.00	35.81 -0.11 0.00	34.69 0.07 0.00	37.49 -0.11 0.00	43.05 -0.15 0.00	66.75 0.06 0.00	72.29 0.05 0.00	68.53 0.60 0.00	75.00 0.98 0.00	59.36 0.74 0.00	48.48 0.46 0.00	48.86 0.23 0.00	50.17 0.23 0.00	52.08 0.16 0.00	55.84 -0.01 0.00	63.27 -0.40 0.00	56.22 -0.24 0.00	61.23 -0.15 0.00	53.69 -0.02 0.00	72.25 -0.23 0.00	78.26 -0.10 0.00	66.37 -0.22 0.00
OAKDALE___35_KV_LOAD 356122	36.81 0.35 0.00	36.59 0.44 0.00	37.46 0.43 0.00	36.33 0.41 0.00	35.13 0.51 0.00	38.04 0.43 0.00	43.68 0.48 0.00	67.66 0.98 0.00	73.14 0.89 0.00	68.82 0.90 0.00	75.04 1.02 0.00	59.45 0.83 0.00	48.73 0.70 0.00	49.22 0.59 0.00	50.65 0.71 0.00	52.63 0.71 0.00	56.48 0.63 0.00	64.13 0.46 0.00	57.12 0.66 0.00	62.29 0.91 0.00	54.47 0.76 0.00	73.10 0.63 0.00	78.97 0.61 0.00	67.13 0.54 0.00
OCC_CHEM___DRP 24175	35.43 -1.04 0.00	35.42 -0.74 0.00	36.10 -0.92 0.00	34.70 -1.21 0.00	33.69 -0.92 0.00	36.17 -1.44 0.00	41.21 -1.99 0.00	63.75 -2.94 0.00	68.99 -3.26 0.00	66.02 -1.91 0.00	72.83 -1.20 0.00	57.78 -0.84 0.00	47.16 -0.86 0.00	47.40 -1.23 0.00	48.66 -1.28 0.00	50.40 -1.52 0.00	53.73 -2.12 0.00	60.31 -3.36 0.00	53.67 -2.79 0.00	58.41 -2.97 0.00	51.33 -2.38 0.00	69.45 -3.03 0.00	75.71 -2.65 0.00	64.40 -2.19 0.00
OH_GEN_PROXY 24063	35.67 -0.80 0.00	35.65 -0.51 0.00	36.36 -0.67 0.00	34.96 -0.95 0.00	33.96 -0.66 0.00	36.44 -1.16 0.00	41.56 -1.64 0.00	64.42 -2.26 0.00	69.71 -2.53 0.00	67.29 -1.32 -0.69	73.32 -0.70 0.00	58.03 -0.59 0.00	47.31 -0.71 0.00	47.56 -1.07 0.00	48.84 -1.10 0.00	50.58 -1.34 0.00	54.04 -1.81 0.00	60.92 -2.75 0.00	-102.44 -2.24 156.67	59.00 -2.38 0.00	10.83 -1.87 41.01	69.97 -2.51 0.00	76.22 -2.15 0.00	60.04 -1.94 4.60
OLIN_CORP_DRP 24177	35.36 -1.10 0.00	35.35 -0.80 0.00	36.05 -0.98 0.00	34.67 -1.25 0.00	33.68 -0.94 0.00	36.17 -1.44 0.00	41.23 -1.96 0.00	63.82 -2.87 0.00	69.04 -3.21 0.00	66.09 -1.84 0.00	72.94 -1.09 0.00	57.66 -0.95 0.00	46.94 -1.08 0.00	47.17 -1.46 0.00	48.42 -1.52 0.00	50.17 -1.75 0.00	53.51 -2.34 0.00	60.39 -3.28 0.00	53.70 -2.76 0.00	58.48 -2.90 0.00	51.38 -2.34 0.00	69.51 -2.97 0.00	75.71 -2.65 0.00	64.21 -2.38 0.00
OLIN_CORP_DSASP 323712	35.43 -1.04 0.00	35.41 -0.74 0.00	36.10 -0.92 0.00	34.70 -1.21 0.00	33.70 -0.92 0.00	36.17 -1.44 0.00	41.20 -2.00 0.00	63.76 -2.93 0.00	68.99 -3.25 0.00	66.04 -1.89 0.00	72.84 -1.19 0.00	57.77 -0.85 0.00	47.16 -0.86 0.00	47.40 -1.23 0.00	48.66 -1.28 0.00	50.40 -1.51 0.00	53.73 -2.11 0.00	60.32 -3.35 0.00	53.67 -2.79 0.00	58.41 -2.97 0.00	51.35 -2.37 0.00	69.41 -3.07 0.00	75.72 -2.64 0.00	64.40 -2.19 0.00
ONEIDA_HERK_LFGE 323681	36.86 0.40 0.00	36.56 0.41 0.00	37.57 0.54 0.00	36.49 0.57 0.00	35.22 0.61 0.00	38.37 0.77 0.00	44.27 1.07 0.00	68.60 1.91 0.00	74.37 2.12 0.00	69.82 1.90 0.00	76.07 2.04 0.00	60.06 1.45 0.00	49.18 1.16 0.00	49.89 1.27 0.00	51.23 1.29 0.00	53.27 1.35 0.00	57.39 1.55 0.00	65.58 1.91 0.00	58.23 1.77 0.00	63.35 1.97 0.00	55.38 1.67 0.00	74.62 2.14 0.00	80.49 2.13 0.00	68.22 1.63 0.00
ONEIDA___115KV_TB4 55905	37.29 0.82 0.00	36.98 0.82 0.00	37.88 0.86 0.00	36.76 0.84 0.00	35.50 0.88 0.00	38.63 1.02 0.00	44.56 1.36 0.00	69.07 2.38 0.00	74.82 2.58 0.00	70.23 2.31 0.00	76.47 2.45 0.00	60.46 1.84 0.00	49.47 1.45 0.00	50.14 1.52 0.00	51.46 1.52 0.00	53.46 1.54 0.00	57.60 1.75 0.00	65.70 2.03 0.00	58.42 1.96 0.00	63.60 2.22 0.00	55.62 1.91 0.00	74.74 2.26 0.00	80.64 2.28 0.00	68.37 1.78 0.00
ONONDAGA_REF_OCCRA 23987	36.55 0.08 0.00	36.26 0.11 0.00	37.11 0.09 0.00	35.99 0.07 0.00	34.75 0.14 0.00	37.76 0.15 0.00	43.46 0.26 0.00	67.30 0.61 0.00	72.85 0.61 0.00	68.52 0.59 0.00	74.70 0.67 0.00	59.14 0.53 0.00	48.42 0.40 0.00	49.01 0.38 0.00	50.31 0.37 0.00	52.27 0.35 0.00	56.20 0.35 0.00	63.96 0.29 0.00	56.88 0.42 0.00	61.93 0.55 0.00	54.18 0.47 0.00	72.82 0.34 0.00	78.71 0.35 0.00	66.86 0.27 0.00
ONONDAGA___COGEN 23986	36.47 0.01 0.00	36.20 0.04 0.00	37.05 0.02 0.00	35.92 0.01 0.00	34.72 0.10 0.00	37.70 0.10 0.00	43.41 0.22 0.00	67.20 0.52 0.00	72.72 0.48 0.00	68.42 0.49 0.00	74.58 0.55 0.00	59.05 0.44 0.00	48.35 0.32 0.00	48.92 0.29 0.00	50.22 0.28 0.00	52.17 0.25 0.00	56.08 0.23 0.00	63.83 0.16 0.00	56.76 0.30 0.00	61.79 0.41 0.00	54.07 0.35 0.00	72.69 0.21 0.00	78.56 0.20 0.00	66.79 0.20 0.00
ONTARIO___LFGE 23819	36.94 0.47 0.00	36.76 0.61 0.00	37.60 0.57 0.00	36.46 0.55 0.00	35.32 0.70 0.00	38.26 0.66 0.00	44.06 0.87 0.00	68.23 1.54 0.00	73.80 1.56 0.00	69.57 1.64 0.00	75.89 1.87 0.00	60.26 1.64 0.00	49.38 1.36 0.00	49.88 1.25 0.00	51.32 1.38 0.00	53.26 1.34 0.00	57.07 1.23 0.00	64.65 0.97 0.00	57.50 1.04 0.00	62.68 1.30 0.00	54.84 1.13 0.00	73.52 1.04 0.00	79.31 0.95 0.00	67.46 0.87 0.00
ORANGEVILLE_WT_PWR 323706	35.53 -0.93 0.00	35.68 -0.48 0.00	36.53 -0.50 0.00	35.38 -0.53 0.00	34.26 -0.35 0.00	36.89 -0.71 0.00	42.39 -0.81 0.00	65.87 -0.82 0.00	71.32 -0.92 0.00	67.62 -0.30 0.00	74.35 0.32 0.00	59.05 0.43 0.00	48.16 0.14 0.00	48.56 -0.07 0.00	50.17 0.23 0.00	52.19 0.28 0.00	55.64 -0.21 0.00	62.67 -1.00 0.00	55.82 -0.64 0.00	60.85 -0.52 0.00	53.33 -0.37 0.00	71.71 -0.76 0.00	77.72 -0.64 0.00	66.00 -0.59 0.00
ORANGEVILLE___ESR 323794	35.53 -0.93 0.00	35.68 -0.48 0.00	36.53 -0.50 0.00	35.38 -0.53 0.00	34.26 -0.35 0.00	36.89 -0.71 0.00	42.39 -0.81 0.00	65.87 -0.82 0.00	71.32 -0.92 0.00	67.62 -0.30 0.00	74.35 0.32 0.00	59.05 0.43 0.00	48.16 0.14 0.00	48.56 -0.07 0.00	50.17 0.23 0.00	52.19 0.28 0.00	55.64 -0.21 0.00	62.67 -1.00 0.00	55.82 -0.64 0.00	60.85 -0.52 0.00	53.33 -0.37 0.00	71.71 -0.76 0.00	77.72 -0.64 0.00	66.00 -0.59 0.00
OSWEGATCHIE___HYD 24044	35.96 -0.50 0.00	35.69 -0.47 0.00	36.72 -0.31 0.00	35.68 -0.23 0.00	34.42 -0.19 0.00	37.49 -0.11 0.00	43.04 -0.16 0.00	66.48 -0.21 0.00	71.97 -0.27 0.00	67.95 0.02 0.00	74.33 0.30 0.00	58.73 0.11 0.00	48.10 0.08 0.00	48.73 0.11 0.00	50.07 0.13 0.00	52.11 0.19 0.00	56.14 0.30 0.00	64.16 0.49 0.00	56.47 0.01 0.00	61.38 0.00 0.00	53.51 -0.20 0.00	73.03 0.55 0.00	78.82 0.46 0.00	66.72 0.13 0.00
OSWEGO___5 23606	35.86 -0.61 0.00	35.57 -0.58 0.00	36.42 -0.61 0.00	35.32 -0.60 0.00	34.09 -0.52 0.00	37.01 -0.60 0.00	42.56 -0.64 0.00	65.85 -0.84 0.00	71.28 -0.96 0.00	67.06 -0.87 0.00	73.14 -0.89 0.00	57.90 -0.72 0.00	47.41 -0.62 0.00	47.96 -0.67 0.00	49.25 -0.69 0.00	51.19 -0.73 0.00	55.02 -0.83 0.00	62.65 -1.02 0.00	55.66 -0.80 0.00	60.58 -0.80 0.00	53.01 -0.70 0.00	71.35 -1.13 0.00	77.18 -1.18 0.00	65.63 -0.96 0.00

OSWEGO___6 23613	35.86 -0.61 0.00	35.57 -0.58 0.00	36.42 -0.61 0.00	35.32 -0.60 0.00	34.09 -0.52 0.00	37.01 -0.60 0.00	42.56 -0.64 0.00	65.85 -0.84 0.00	71.28 -0.96 0.00	67.06 -0.87 0.00	73.14 -0.89 0.00	57.90 -0.72 0.00	47.41 -0.62 0.00	47.96 -0.67 0.00	49.25 -0.69 0.00	51.19 -0.73 0.00	55.02 -0.83 0.00	62.65 -1.02 0.00	55.66 -0.80 0.00	60.58 -0.80 0.00	53.01 -0.70 0.00	71.35 -1.13 0.00	77.18 -1.18 0.00	65.63 -0.96 0.00
OUTOKUMPU-AB___DRP 24206	36.29 -0.17 0.00	36.26 0.11 0.00	36.97 -0.06 0.00	35.54 -0.37 0.00	34.52 -0.10 0.00	37.09 -0.52 0.00	42.36 -0.84 0.00	65.63 -1.06 0.00	71.10 -1.14 0.00	67.97 0.04 0.00	74.90 0.87 0.00	59.32 0.70 0.00	48.38 0.36 0.00	48.63 0.00 0.00	49.90 -0.04 0.00	51.65 -0.27 0.00	55.12 -0.72 0.00	62.07 -1.60 0.00	55.25 -1.21 0.00	60.15 -1.23 0.00	52.85 -0.86 0.00	71.37 -1.11 0.00	77.64 -0.72 0.00	65.88 -0.71 0.00
OXBOW___BTM 323836	35.82 -0.65 0.00	35.80 -0.36 0.00	36.49 -0.54 0.00	35.08 -0.83 0.00	34.07 -0.55 0.00	36.59 -1.01 0.00	41.73 -1.47 0.00	64.65 -2.04 0.00	70.01 -2.23 0.00	66.97 -0.96 0.00	73.83 -0.19 0.00	58.52 -0.09 0.00	47.75 -0.27 0.00	47.99 -0.64 0.00	49.25 -0.69 0.00	51.00 -0.91 0.00	54.39 -1.45 0.00	61.15 -2.52 0.00	54.42 -2.04 0.00	59.24 -2.14 0.00	52.07 -1.64 0.00	70.32 -2.16 0.00	76.62 -1.74 0.00	65.07 -1.52 0.00
OXBOW____ 24026	35.82 -0.65 0.00	35.80 -0.36 0.00	36.49 -0.54 0.00	35.08 -0.83 0.00	34.07 -0.55 0.00	36.59 -1.02 0.00	41.74 -1.45 0.00	64.65 -2.04 0.00	70.01 -2.24 0.00	66.94 -0.98 0.00	73.83 -0.19 0.00	58.53 -0.09 0.00	47.75 -0.27 0.00	47.99 -0.64 0.00	49.25 -0.69 0.00	50.99 -0.92 0.00	54.39 -1.45 0.00	61.15 -2.52 0.00	54.42 -2.04 0.00	59.24 -2.13 0.00	52.06 -1.66 0.00	70.36 -2.12 0.00	76.62 -1.74 0.00	65.07 -1.52 0.00
OXY_CHEM_DSASP 323612	35.43 -1.04 0.00	35.42 -0.74 0.00	36.10 -0.92 0.00	34.70 -1.21 0.00	33.69 -0.92 0.00	36.17 -1.44 0.00	41.21 -1.99 0.00	63.75 -2.94 0.00	68.99 -3.26 0.00	66.02 -1.91 0.00	72.83 -1.20 0.00	57.78 -0.84 0.00	47.16 -0.86 0.00	47.40 -1.23 0.00	48.66 -1.28 0.00	50.40 -1.52 0.00	53.73 -2.12 0.00	60.31 -3.36 0.00	53.67 -2.79 0.00	58.41 -2.97 0.00	51.33 -2.38 0.00	69.45 -3.03 0.00	75.71 -2.65 0.00	64.40 -2.19 0.00
OZONE_PARK_ESR 323760	38.25 1.79 0.00	37.70 1.55 0.00	38.53 1.51 0.00	37.44 1.53 0.00	36.04 1.43 0.00	39.25 1.64 0.00	45.19 1.99 0.00	70.15 3.46 0.00	76.18 3.93 0.00	71.30 3.37 0.00	77.49 3.46 0.00	61.47 2.86 0.00	50.29 2.26 0.00	50.98 2.35 0.00	52.33 2.38 0.00	54.52 2.60 0.00	58.50 2.65 0.00	66.74 3.07 0.00	59.67 3.21 0.00	65.15 3.77 0.00	57.16 3.45 0.00	76.06 3.58 0.00	82.21 3.85 0.00	69.84 3.25 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.43 -1.04 0.00	35.42 -0.74 0.00	36.10 -0.92 0.00	34.70 -1.21 0.00	33.69 -0.92 0.00	36.17 -1.44 0.00	41.21 -1.99 0.00	63.75 -2.94 0.00	68.99 -3.26 0.00	66.02 -1.91 0.00	72.83 -1.20 0.00	57.78 -0.84 0.00	47.16 -0.86 0.00	47.40 -1.23 0.00	48.66 -1.28 0.00	50.40 -1.52 0.00	53.73 -2.12 0.00	60.31 -3.36 0.00	53.67 -2.79 0.00	58.41 -2.97 0.00	51.33 -2.38 0.00	69.45 -3.03 0.00	75.71 -2.65 0.00	64.40 -2.19 0.00
PACKARD__115KV_DUPONT_184 80571	35.43 -1.04 0.00	35.42 -0.74 0.00	36.10 -0.92 0.00	34.70 -1.21 0.00	33.69 -0.92 0.00	36.17 -1.44 0.00	41.21 -1.99 0.00	63.75 -2.94 0.00	68.99 -3.26 0.00	66.02 -1.91 0.00	72.83 -1.20 0.00	57.78 -0.84 0.00	47.16 -0.86 0.00	47.40 -1.23 0.00	48.66 -1.28 0.00	50.40 -1.52 0.00	53.73 -2.12 0.00	60.31 -3.36 0.00	53.67 -2.79 0.00	58.41 -2.97 0.00	51.33 -2.38 0.00	69.45 -3.03 0.00	75.71 -2.65 0.00	64.40 -2.19 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.84 1.38 0.00	37.32 1.16 -0.01	38.17 1.14 0.00	37.08 1.16 0.00	35.69 1.08 0.00	38.85 1.24 0.00	44.70 1.50 0.00	69.47 2.78 0.00	75.90 3.36 -0.29	70.70 2.76 -0.01	76.79 2.76 0.00	60.83 2.21 -0.01	49.73 1.71 0.00	50.42 1.79 -0.01	51.76 1.81 -0.01	53.95 2.02 -0.01	58.28 2.13 -0.31	66.03 2.36 -0.01	59.02 2.55 0.00	64.38 3.01 0.00	56.50 2.79 0.00	75.32 2.84 0.00	81.40 3.03 0.00	69.06 2.47 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.84 1.38 0.00	37.50 1.34 -0.01	38.18 1.16 0.00	37.08 1.17 0.00	35.70 1.08 0.00	38.85 1.24 0.00	44.71 1.51 0.00	69.55 2.86 0.00	76.00 3.47 -0.29	70.72 2.78 -0.01	76.84 2.81 0.00	60.85 2.22 -0.01	49.74 1.72 0.00	50.42 1.79 -0.01	51.76 1.81 -0.01	53.95 2.03 -0.01	58.28 2.13 -0.31	66.04 2.36 -0.01	59.02 2.55 0.00	64.38 3.01 0.00	56.51 2.80 0.00	75.33 2.86 0.00	81.40 3.04 0.00	69.06 2.47 0.00
PATROON__115KV_TB1 80586	36.85 0.39 0.00	36.54 0.39 0.00	37.44 0.41 0.00	36.36 0.44 0.00	34.95 0.33 0.00	38.04 0.43 0.00	43.69 0.49 0.00	67.63 0.94 0.00	73.26 1.01 0.00	68.43 0.50 0.00	74.36 0.33 0.00	58.72 0.11 0.00	48.12 0.10 0.00	48.75 0.12 0.00	50.17 0.23 0.00	52.10 0.18 0.00	56.23 0.38 0.00	64.38 0.71 0.00	57.31 0.84 0.00	62.26 0.88 0.00	54.46 0.75 0.00	72.98 0.50 0.00	78.77 0.41 0.00	66.94 0.35 0.00
PATTRSNVILLE___SOLAR 323815	37.53 1.06 0.00	37.17 1.01 0.00	38.06 1.04 0.00	36.94 1.03 0.00	35.61 1.00 0.00	38.75 1.15 0.00	44.63 1.43 0.00	69.12 2.43 0.00	74.80 2.56 0.00	69.94 2.01 0.00	76.05 2.03 0.00	59.99 1.37 0.00	49.07 1.05 0.00	49.36 0.73 0.00	50.72 0.78 0.00	52.71 0.80 0.00	56.56 0.71 0.00	65.12 1.45 0.00	58.25 1.79 0.00	63.52 2.15 0.00	55.58 1.87 0.00	74.66 2.18 0.00	80.63 2.26 0.00	68.51 1.92 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.99 0.53 0.00	36.98 0.82 0.00	37.72 0.69 0.00	36.33 0.42 0.00	35.32 0.71 0.00	37.94 0.33 0.00	43.35 0.15 0.00	67.27 0.59 0.00	72.81 0.57 0.00	69.44 1.51 0.00	76.33 2.30 0.00	60.44 1.82 0.00	49.30 1.27 0.00	49.61 0.99 0.00	50.82 0.88 0.00	52.61 0.69 0.00	56.34 0.50 0.00	63.67 0.00 0.00	56.68 0.22 0.00	61.66 0.29 0.00	54.11 0.40 0.00	72.92 0.44 0.00	79.07 0.71 0.00	67.00 0.41 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.98 1.52 0.00	37.48 1.33 0.00	38.34 1.31 0.00	37.23 1.31 0.00	35.85 1.24 0.00	39.06 1.45 0.00	44.95 1.76 0.00	69.75 3.07 0.00	75.65 3.40 0.00	70.80 2.87 0.00	76.91 2.89 0.00	60.93 2.31 0.00	49.85 1.83 0.00	50.50 1.87 0.00	51.83 1.89 0.00	54.00 2.08 0.00	58.03 2.18 0.00	66.26 2.59 0.00	59.25 2.78 0.00	64.61 3.23 0.00	56.59 2.88 0.00	75.41 2.94 0.00	81.44 3.08 0.00	69.18 2.59 0.00
PEEKSKILL____ 23653	37.50 1.04 0.00	37.00 0.85 0.00	37.88 0.85 0.00	36.80 0.88 0.00	35.42 0.81 0.00	38.55 0.94 0.00	44.30 1.10 0.00	68.65 1.96 0.00	74.40 2.15 0.00	69.65 1.72 0.00	75.68 1.66 0.00	59.99 1.38 0.00	49.13 1.10 0.00	49.80 1.18 0.00	51.12 1.18 0.00	53.25 1.33 0.00	57.20 1.36 0.00	65.27 1.60 0.00	58.36 1.90 0.00	63.69 2.31 0.00	55.75 2.04 0.00	74.27 1.80 0.00	80.24 1.88 0.00	68.20 1.61 0.00

PGE MADISON___WINDPWR 24146	37.35 0.89 0.00	37.33 1.18 0.00	38.43 1.40 0.00	37.41 1.49 0.00	36.31 1.70 0.00	39.71 2.11 0.00	45.99 2.80 0.00	71.36 4.67 0.00	77.39 5.15 0.00	72.62 4.69 0.00	79.85 5.82 0.00	63.31 4.69 0.00	52.14 4.12 0.00	52.49 3.86 0.00	53.92 3.98 0.00	56.46 4.54 0.00	60.69 4.84 0.00	69.04 5.38 0.00	61.73 5.26 0.00	67.55 6.17 0.00	59.11 5.40 0.00	79.03 6.55 0.00	85.19 6.83 0.00	72.20 5.61 0.00
PIERCEFIELD___HYD 23852	36.13 -0.33 0.00	35.84 -0.31 0.00	36.77 -0.26 0.00	35.66 -0.25 0.00	34.35 -0.27 0.00	37.31 -0.30 0.00	42.59 -0.61 0.00	65.44 -1.25 0.00	70.82 -1.42 0.00	67.26 -0.67 0.00	73.67 -0.35 0.00	58.45 -0.17 0.00	47.86 -0.16 0.00	48.39 -0.24 0.00	49.69 -0.25 0.00	51.72 -0.20 0.00	55.73 -0.12 0.00	63.51 -0.16 0.00	55.50 -0.96 0.00	60.22 -1.16 0.00	52.37 -1.34 0.00	71.96 -0.51 0.00	77.77 -0.59 0.00	65.85 -0.74 0.00
PINELAWN_CC_1 323563	38.22 1.76 0.00	37.44 1.28 0.00	38.09 1.06 0.00	36.90 0.98 0.00	34.94 0.33 0.00	36.03 0.13 1.71	37.12 0.14 6.21	67.19 0.50 0.00	48.00 0.67 24.91	26.46 0.51 41.97	53.48 0.31 20.85	50.27 0.66 9.01	22.56 0.31 25.77	18.38 0.26 30.51	24.82 0.23 25.35	22.76 0.39 29.54	26.42 0.41 29.83	64.73 1.06 0.00	57.99 1.52 0.00	36.34 1.40 26.44	54.59 1.36 0.48	60.41 0.68 12.75	61.08 0.55 17.83	56.40 1.02 11.21
PJM_GEN_HTP_PROXY 323702	37.87 1.41 0.00	37.34 1.19 0.00	38.17 1.15 0.00	37.10 1.19 0.00	35.72 1.11 0.00	38.89 1.29 0.00	44.73 1.53 0.00	69.38 2.70 0.00	75.36 3.12 0.00	70.51 2.58 0.00	76.63 2.60 0.00	60.76 2.15 0.00	49.72 1.70 0.00	50.42 1.80 0.00	51.76 1.82 0.00	53.92 2.00 0.00	57.88 2.03 0.00	66.02 2.35 0.00	59.02 2.55 0.00	64.39 3.01 0.00	56.47 2.75 0.00	75.19 2.71 0.00	84.87 2.91 -3.60	58.60 2.51 10.50
PJM_GEN_KEystone 24065	36.94 0.48 0.00	36.68 0.53 0.00	37.53 0.50 0.00	36.37 0.45 0.00	35.18 0.56 0.00	38.04 0.43 0.00	43.50 0.30 0.00	67.44 0.76 0.00	72.90 0.66 0.00	68.70 0.77 0.00	74.85 0.83 0.00	59.35 0.74 0.00	48.57 0.55 0.00	49.11 0.48 0.00	50.48 0.54 0.00	52.45 0.54 0.00	56.23 0.39 0.00	63.82 0.15 0.00	47.61 0.51 9.36	81.34 0.84 -19.12	49.12 0.72 5.31	72.74 0.26 0.00	82.30 0.34 -3.60	56.37 0.29 10.50
PJM_GEN_NEPTUNE_PROXY 323594	34.71 1.46 3.21	37.15 1.00 0.01	37.82 0.79 0.01	36.67 0.75 0.00	35.04 0.42 0.00	35.88 0.37 2.10	36.02 0.47 7.64	67.87 1.18 0.00	42.36 1.16 31.04	16.67 0.95 52.21	49.09 0.81 25.74	47.72 1.08 11.98	15.48 0.70 33.24	8.78 0.69 40.53	18.95 0.61 31.60	15.91 0.76 36.77	17.99 0.79 38.64	65.00 1.34 0.01	58.19 1.73 0.01	27.01 1.97 36.33	54.87 1.83 0.67	56.81 1.09 16.76	60.70 0.85 18.50	43.09 0.79 24.29
PJM_GEN_VFT_PROXY 323633	37.72 1.26 0.00	37.19 1.04 0.00	38.03 1.00 0.00	36.98 1.06 0.00	35.60 0.98 0.00	38.76 1.15 0.00	44.58 1.38 0.00	69.13 2.44 0.00	74.97 2.73 0.00	70.15 2.22 0.00	76.24 2.21 0.00	60.49 1.87 0.00	49.51 1.48 0.00	50.19 1.56 0.00	51.52 1.58 0.00	53.70 1.78 0.00	57.61 1.76 0.00	65.69 2.02 0.00	58.72 2.26 0.00	64.14 2.76 0.00	56.24 2.53 0.00	74.83 2.36 0.00	84.44 2.47 -3.60	58.22 2.13 10.50
PLATSBURG_115KV_PMLD1 355749	37.36 0.90 0.00	36.99 0.84 0.00	37.99 0.96 0.00	36.90 0.98 0.00	35.61 1.00 0.00	38.77 1.16 0.00	44.44 1.24 0.00	68.28 1.59 0.00	73.84 1.59 0.00	69.38 1.46 0.00	75.70 1.67 0.00	60.00 1.38 0.00	49.28 1.25 0.00	49.81 1.19 0.00	51.06 1.12 0.00	53.11 1.19 0.00	57.45 1.60 0.00	65.53 1.86 0.00	57.68 1.22 0.00	62.28 0.91 0.00	54.98 1.27 0.00	74.23 1.75 0.00	80.29 1.93 0.00	68.07 1.48 0.00
PLEASANTVLY___LBMP 24000	37.40 0.93 0.00	36.92 0.77 0.00	37.78 0.75 0.00	36.69 0.78 0.00	35.32 0.70 0.00	38.44 0.84 0.00	44.21 1.02 0.00	68.53 1.84 0.00	74.32 2.07 0.00	69.52 1.60 0.00	75.50 1.48 0.00	59.81 1.19 0.00	48.97 0.94 0.00	49.65 1.02 0.00	50.96 1.01 0.00	53.06 1.14 0.00	57.05 1.21 0.00	65.17 1.50 0.00	58.21 1.75 0.00	63.46 2.08 0.00	55.59 1.87 0.00	74.14 1.66 0.00	80.11 1.75 0.00	68.13 1.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.71 1.24 0.00	37.20 1.05 0.00	38.07 1.04 0.00	36.97 1.06 0.00	35.58 0.97 0.00	38.74 1.13 0.00	44.56 1.36 0.00	69.08 2.39 0.00	74.96 2.72 0.00	70.15 2.22 0.00	76.22 2.19 0.00	60.41 1.79 0.00	49.46 1.43 0.00	50.13 1.50 0.00	51.46 1.52 0.00	53.60 1.68 0.00	57.59 1.75 0.00	65.74 2.07 0.00	58.75 2.29 0.00	64.05 2.67 0.00	56.13 2.42 0.00	74.79 2.31 0.00	80.83 2.47 0.00	68.71 2.12 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.71 1.24 0.00	37.20 1.05 0.00	38.07 1.04 0.00	36.97 1.06 0.00	35.58 0.97 0.00	38.74 1.13 0.00	44.56 1.36 0.00	69.08 2.39 0.00	74.96 2.72 0.00	70.15 2.22 0.00	76.22 2.19 0.00	60.41 1.79 0.00	49.46 1.43 0.00	50.13 1.50 0.00	51.46 1.52 0.00	53.60 1.68 0.00	57.59 1.75 0.00	65.74 2.07 0.00	58.75 2.29 0.00	64.05 2.67 0.00	56.13 2.42 0.00	74.79 2.31 0.00	80.83 2.47 0.00	68.71 2.12 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.80 1.33 0.00	37.31 1.15 0.00	38.17 1.14 0.00	37.06 1.15 0.00	35.70 1.08 0.00	38.87 1.26 0.00	44.74 1.54 0.00	69.40 2.72 0.00	75.26 3.02 0.00	70.38 2.45 0.00	76.45 2.42 0.00	60.53 1.92 0.00	49.53 1.50 0.00	50.09 1.46 0.00	51.40 1.47 0.00	53.56 1.64 0.00	57.62 1.78 0.00	65.81 2.14 0.00	58.86 2.39 0.00	64.15 2.77 0.00	56.19 2.48 0.00	74.94 2.46 0.00	80.95 2.59 0.00	68.78 2.19 0.00
POLETTI___ 23519	37.84 1.37 0.00	37.31 1.16 0.00	38.14 1.11 0.00	37.06 1.15 0.00	35.69 1.07 0.00	38.85 1.24 0.00	44.67 1.47 0.00	69.29 2.61 0.00	75.27 3.02 0.00	70.44 2.51 0.00	76.55 2.53 0.00	60.68 2.07 0.00	49.66 1.64 0.00	50.35 1.71 0.00	51.67 1.73 0.00	53.84 1.92 0.00	57.79 1.94 0.00	65.92 2.25 0.00	58.92 2.46 0.00	64.36 2.98 0.00	56.54 2.83 0.00	75.26 2.78 0.00	81.35 2.99 0.00	69.16 2.57 0.00
POMONA___ESR 323819	37.52 1.06 0.00	37.04 0.88 0.00	37.91 0.89 0.00	36.83 0.92 0.00	35.46 0.85 0.00	38.59 0.98 0.00	44.29 1.09 0.00	68.62 1.94 0.00	74.34 2.10 0.00	69.63 1.70 0.00	75.66 1.64 0.00	59.99 1.38 0.00	49.14 1.11 0.00	49.83 1.20 0.00	51.14 1.19 0.00	53.27 1.35 0.00	57.21 1.36 0.00	65.24 1.58 0.00	58.36 1.90 0.00	63.72 2.34 0.00	55.75 2.04 0.00	74.24 1.77 0.00	80.22 1.86 0.00	68.21 1.62 0.00
PORT_JEFF_3 23555	36.29 1.73 1.90	37.35 1.20 0.00	38.01 0.98 0.00	36.81 0.89 0.00	34.98 0.37 0.00	35.84 0.17 1.94	36.43 0.29 7.06	67.60 0.91 0.00	44.52 0.68 28.40	20.87 0.78 47.83	50.74 0.43 23.71	48.57 0.72 10.77	18.24 0.44 30.22	12.47 0.32 36.48	21.34 0.31 28.91	18.74 0.50 33.67	21.46 0.52 34.90	65.17 1.50 0.00	58.43 1.97 0.00	30.93 1.91 32.36	54.87 1.75 0.59	58.29 0.91 15.10	58.44 0.39 20.31	54.13 0.28 12.73

PORT_JEFF_4 23616	36.29 1.73 1.90	37.35 1.20 0.00	38.01 0.98 0.00	36.81 0.89 0.00	34.98 0.37 0.00	35.84 0.17 1.94	36.43 0.29 7.06	67.60 0.91 0.00	44.52 0.68 28.40	20.87 0.78 47.83	50.74 0.43 23.71	48.57 0.72 10.77	18.24 0.44 30.22	12.47 0.32 36.48	21.34 0.31 28.91	18.74 0.50 33.67	21.46 0.52 34.90	65.17 1.50 0.00	58.43 1.97 0.00	30.93 1.91 32.36	54.87 1.75 0.59	58.29 0.91 15.10	58.44 0.39 20.31	54.13 0.28 12.73
PORT_JEFF_IC 23713	36.32 1.71 1.85	37.34 1.19 0.00	37.98 0.95 0.00	36.79 0.87 0.00	34.96 0.34 0.00	35.82 0.14 1.93	36.42 0.25 7.03	67.58 0.89 0.00	44.58 0.63 28.30	21.03 0.77 47.66	50.79 0.39 23.62	48.59 0.69 10.72	18.38 0.45 30.09	12.63 0.30 36.31	21.45 0.31 28.80	18.86 0.49 33.55	21.58 0.49 34.75	65.17 1.50 0.00	58.43 1.97 0.00	31.09 1.90 32.19	54.86 1.74 0.59	58.33 0.88 15.03	58.49 0.36 20.24	54.12 0.22 12.69
PPL_PILGRIM_ST_GT1 24216	36.84 1.97 1.59	37.62 1.47 0.00	38.27 1.25 0.00	37.07 1.15 0.00	35.25 0.63 0.00	36.19 0.48 1.90	36.91 0.63 6.92	68.21 1.52 0.00	45.83 1.40 27.82	22.43 1.37 46.87	51.95 1.18 23.25	49.43 1.31 10.49	19.40 0.89 29.52	13.92 0.83 35.54	22.44 0.82 28.32	19.93 1.00 32.99	22.81 1.04 34.08	65.57 1.91 0.00	58.75 2.30 0.00	32.33 2.38 31.43	55.33 2.19 0.57	59.28 1.52 14.72	59.56 1.10 19.90	55.08 0.97 12.49
PPL_PILGRIM_ST_GT2 24217	36.84 1.97 1.59	37.62 1.47 0.00	38.27 1.25 0.00	37.07 1.15 0.00	35.25 0.63 0.00	36.19 0.48 1.90	36.91 0.63 6.92	68.21 1.52 0.00	45.83 1.40 27.82	22.43 1.37 46.87	51.95 1.18 23.25	49.43 1.31 10.49	19.40 0.89 29.52	13.92 0.83 35.54	22.44 0.82 28.32	19.93 1.00 32.99	22.81 1.04 34.08	65.57 1.91 0.00	58.75 2.30 0.00	32.33 2.38 31.43	55.33 2.19 0.57	59.28 1.52 14.72	59.56 1.10 19.90	55.08 0.97 12.49
PPL_SHRM_GT3 24213	35.99 1.41 1.88	36.98 0.83 0.00	37.64 0.62 0.00	36.47 0.56 0.00	34.58 -0.04 0.00	35.39 -0.28 1.93	35.97 -0.18 7.05	66.90 0.21 0.00	43.46 -0.42 28.37	19.96 -0.19 47.78	49.56 -0.78 23.68	47.57 -0.29 10.76	17.46 -0.39 30.18	11.58 -0.64 36.42	20.42 -0.65 28.87	17.82 -0.46 33.63	20.58 -0.41 34.86	64.90 1.23 0.00	58.18 1.72 0.00	30.26 1.18 32.30	54.23 1.10 0.59	57.39 -0.02 15.08	57.44 -0.63 20.29	53.01 -0.86 12.72
PPL_SHRM_GT4 24214	35.99 1.41 1.88	36.98 0.83 0.00	37.64 0.62 0.00	36.47 0.56 0.00	34.58 -0.04 0.00	35.39 -0.28 1.93	35.97 -0.18 7.05	66.90 0.21 0.00	43.46 -0.42 28.37	19.96 -0.19 47.78	49.56 -0.78 23.68	47.57 -0.29 10.76	17.46 -0.39 30.18	11.58 -0.64 36.42	20.42 -0.65 28.87	17.82 -0.46 33.63	20.58 -0.41 34.86	64.90 1.23 0.00	58.18 1.72 0.00	30.26 1.18 32.30	54.23 1.10 0.59	57.39 -0.02 15.08	57.44 -0.63 20.29	53.01 -0.86 12.72
PROJECT___ORANGE 1 24174	36.34 -0.12 0.00	36.05 -0.10 0.00	36.90 -0.12 0.00	35.77 -0.14 0.00	34.55 -0.07 0.00	37.53 -0.08 0.00	43.18 -0.02 0.00	66.88 0.19 0.00	72.42 0.17 0.00	68.11 0.18 0.00	74.27 0.24 0.00	58.81 0.19 0.00	48.14 0.11 0.00	48.71 0.08 0.00	50.01 0.07 0.00	51.96 0.04 0.00	55.86 0.01 0.00	63.56 -0.11 0.00	56.53 0.06 0.00	61.51 0.14 0.00	53.85 0.14 0.00	72.36 -0.11 0.00	78.23 -0.13 0.00	66.48 -0.11 0.00
PROJECT___ORANGE 2 24166	36.34 -0.12 0.00	36.05 -0.10 0.00	36.90 -0.12 0.00	35.77 -0.14 0.00	34.55 -0.07 0.00	37.53 -0.08 0.00	43.18 -0.02 0.00	66.88 0.19 0.00	72.42 0.17 0.00	68.11 0.18 0.00	74.27 0.24 0.00	58.81 0.19 0.00	48.14 0.11 0.00	48.71 0.08 0.00	50.01 0.07 0.00	51.96 0.04 0.00	55.86 0.01 0.00	63.56 -0.11 0.00	56.53 0.06 0.00	61.51 0.14 0.00	53.85 0.14 0.00	72.36 -0.11 0.00	78.23 -0.13 0.00	66.48 -0.11 0.00
PUCKETT___SOLAR 323809	36.90 0.43 0.00	36.72 0.57 0.00	37.63 0.60 0.00	36.55 0.64 0.00	35.35 0.73 0.00	38.34 0.74 0.00	44.12 0.92 0.00	68.43 1.74 0.00	74.03 1.79 0.00	69.43 1.50 0.00	75.84 1.81 0.00	60.19 1.57 0.00	49.37 1.35 0.00	49.77 1.14 0.00	51.22 1.28 0.00	53.33 1.41 0.00	57.31 1.46 0.00	65.09 1.42 0.00	58.04 1.57 0.00	63.43 2.05 0.00	55.50 1.79 0.00	74.34 1.87 0.00	80.35 1.99 0.00	68.27 1.68 0.00
PYRITES___HYD 24023	37.11 0.65 0.00	36.81 0.65 0.00	37.72 0.69 0.00	36.58 0.66 0.00	35.23 0.62 0.00	38.27 0.66 0.00	43.74 0.54 0.00	67.18 0.50 0.00	72.59 0.35 0.00	68.84 0.92 0.00	75.29 1.26 0.00	59.70 1.08 0.00	48.95 0.93 0.00	49.42 0.79 0.00	50.82 0.88 0.00	52.90 0.98 0.00	57.06 1.22 0.00	65.06 1.39 0.00	56.89 0.42 0.00	61.78 0.41 0.00	53.60 -0.11 0.00	73.79 1.31 0.00	79.71 1.35 0.00	67.43 0.84 0.00
QUAKERRD_115KV_BK1 80622	35.75 -0.71 0.00	35.55 -0.61 0.00	36.34 -0.69 0.00	35.13 -0.79 0.00	34.00 -0.61 0.00	36.81 -0.80 0.00	42.29 -0.91 0.00	65.54 -1.15 0.00	70.97 -1.28 0.00	67.13 -0.80 0.00	73.43 -0.60 0.00	58.14 -0.48 0.00	47.52 -0.51 0.00	47.93 -0.70 0.00	49.23 -0.72 0.00	51.11 -0.81 0.00	54.82 -1.03 0.00	62.17 -1.50 0.00	55.24 -1.22 0.00	60.14 -1.24 0.00	52.70 -1.01 0.00	70.91 -1.57 0.00	76.74 -1.62 0.00	65.12 -1.47 0.00
QUEENSBRY_115KV_TB8 356137	38.17 1.71 0.00	37.72 1.57 0.00	38.68 1.65 0.00	37.54 1.62 0.00	36.21 1.60 0.00	39.51 1.91 0.00	45.70 2.51 0.00	71.09 4.40 0.00	77.16 4.91 0.00	71.38 3.46 0.00	77.70 3.68 0.00	61.22 2.61 0.00	50.21 2.18 0.00	50.80 2.18 0.00	52.09 2.15 0.00	54.10 2.18 0.00	58.60 2.76 0.00	67.33 3.66 0.00	59.98 3.52 0.00	65.05 3.67 0.00	56.89 3.18 0.00	76.03 3.56 0.00	81.87 3.51 0.00	69.60 3.01 0.00
RAMAPO___LBMP 323565	37.38 0.91 0.00	36.89 0.74 0.00	37.78 0.75 0.00	36.70 0.79 0.00	35.35 0.73 0.00	38.47 0.87 0.00	44.16 0.96 0.00	68.42 1.73 0.00	74.06 1.82 0.00	69.37 1.44 0.00	75.37 1.35 0.00	59.76 1.14 0.00	48.94 0.91 0.00	49.62 0.99 0.00	50.94 0.99 0.00	53.06 1.14 0.00	56.98 1.14 0.00	64.98 1.32 0.00	58.13 1.67 0.00	63.47 2.09 0.00	55.53 1.82 0.00	73.95 1.47 0.00	79.89 1.53 0.00	67.93 1.34 0.00
RANKINE____ 23646	36.77 0.31 0.00	36.77 0.62 0.00	37.48 0.45 0.00	36.09 0.17 0.00	35.07 0.46 0.00	37.67 0.06 0.00	43.06 -0.14 0.00	66.79 0.10 0.00	72.30 0.05 0.00	69.01 1.08 0.00	75.96 1.93 0.00	60.14 1.52 0.00	49.03 1.01 0.00	49.28 0.65 0.00	50.47 0.53 0.00	52.19 0.27 0.00	55.89 0.05 0.00	63.15 -0.51 0.00	56.25 -0.21 0.00	61.18 -0.20 0.00	53.71 0.00 0.00	72.44 -0.04 0.00	78.65 0.29 0.00	66.67 0.08 0.00
RAVENSWOOD_GT2_1 24244	37.90 1.43 0.00	37.38 1.23 0.00	38.22 1.19 0.00	37.13 1.21 0.00	35.74 1.13 0.00	38.91 1.30 0.00	44.75 1.55 0.00	69.43 2.74 0.00	75.41 3.17 0.00	70.58 2.65 0.00	76.70 2.68 0.00	60.82 2.20 0.00	49.78 1.75 0.00	50.47 1.84 0.00	51.81 1.87 0.00	53.96 2.04 0.00	57.94 2.09 0.00	66.09 2.42 0.00	59.07 2.61 0.00	64.45 3.07 0.00	56.53 2.81 0.00	75.26 2.78 0.00	81.35 2.99 0.00	69.16 2.57 0.00

RAVENSWOOD_GT2_2 24245	37.90 1.43 0.00	37.38 1.23 0.00	38.22 1.19 0.00	37.13 1.21 0.00	35.74 1.13 0.00	38.91 1.30 0.00	44.75 1.55 0.00	69.43 2.74 0.00	75.41 3.17 0.00	70.58 2.65 0.00	76.70 2.68 0.00	60.82 2.20 0.00	49.78 1.75 0.00	50.47 1.84 0.00	51.81 1.87 0.00	53.96 2.04 0.00	57.94 2.09 0.00	66.09 2.42 0.00	59.07 2.61 0.00	64.45 3.07 0.00	56.53 2.81 0.00	75.26 2.78 0.00	81.35 2.99 0.00	69.16 2.57 0.00
RAVENSWOOD_GT2_3 24246	37.92 1.45 0.00	37.39 1.24 0.00	38.23 1.20 0.00	37.14 1.23 0.00	35.75 1.14 0.00	38.93 1.32 0.00	44.78 1.59 0.00	69.46 2.77 0.00	75.43 3.19 0.00	70.62 2.69 0.00	76.73 2.71 0.00	60.86 2.24 0.00	49.80 1.78 0.00	50.49 1.87 0.00	51.83 1.89 0.00	54.00 2.08 0.00	57.97 2.13 0.00	66.13 2.46 0.00	59.10 2.64 0.00	64.50 3.12 0.00	56.57 2.86 0.00	75.30 2.82 0.00	81.38 3.02 0.00	69.18 2.59 0.00
RAVENSWOOD_GT2_4 24247	37.92 1.45 0.00	37.39 1.24 0.00	38.23 1.20 0.00	37.14 1.23 0.00	35.75 1.14 0.00	38.93 1.32 0.00	44.78 1.59 0.00	69.46 2.77 0.00	75.43 3.19 0.00	70.62 2.69 0.00	76.73 2.71 0.00	60.86 2.24 0.00	49.80 1.78 0.00	50.49 1.87 0.00	51.83 1.89 0.00	54.00 2.08 0.00	57.97 2.13 0.00	66.13 2.46 0.00	59.10 2.64 0.00	64.50 3.12 0.00	56.57 2.86 0.00	75.30 2.82 0.00	81.38 3.02 0.00	69.18 2.59 0.00
RAVENSWOOD_GT3_1 24248	37.90 1.43 0.00	37.38 1.23 0.00	38.22 1.19 0.00	37.13 1.21 0.00	35.74 1.13 0.00	38.91 1.30 0.00	44.75 1.55 0.00	69.43 2.74 0.00	75.41 3.17 0.00	70.58 2.65 0.00	76.70 2.68 0.00	60.82 2.20 0.00	49.78 1.75 0.00	50.47 1.84 0.00	51.81 1.87 0.00	53.96 2.04 0.00	57.94 2.09 0.00	66.09 2.42 0.00	59.07 2.61 0.00	64.45 3.07 0.00	56.53 2.82 0.00	75.26 2.78 0.00	81.35 2.99 0.00	69.16 2.57 0.00
RAVENSWOOD_GT3_2 24249	37.90 1.43 0.00	37.38 1.23 0.00	38.22 1.19 0.00	37.13 1.21 0.00	35.74 1.13 0.00	38.91 1.30 0.00	44.75 1.55 0.00	69.43 2.74 0.00	75.41 3.17 0.00	70.58 2.65 0.00	76.70 2.68 0.00	60.82 2.20 0.00	49.78 1.75 0.00	50.47 1.84 0.00	51.81 1.87 0.00	53.96 2.04 0.00	57.94 2.09 0.00	66.09 2.42 0.00	59.07 2.61 0.00	64.45 3.07 0.00	56.53 2.82 0.00	75.26 2.78 0.00	81.35 2.99 0.00	69.16 2.57 0.00
RAVENSWOOD_GT3_3 24250	37.96 1.50 0.00	37.43 1.28 0.00	38.27 1.24 0.00	37.18 1.26 0.00	35.79 1.18 0.00	38.97 1.36 0.00	44.82 1.63 0.00	69.54 2.86 0.00	75.51 3.27 0.00	70.70 2.77 0.00	76.83 2.80 0.00	60.93 2.31 0.00	49.86 1.84 0.00	50.56 1.93 0.00	51.90 1.96 0.00	54.06 2.14 0.00	58.04 2.20 0.00	66.20 2.53 0.00	59.16 2.70 0.00	64.56 3.18 0.00	56.62 2.91 0.00	75.37 2.90 0.00	81.46 3.10 0.00	69.26 2.67 0.00
RAVENSWOOD_GT3_4 24251	37.96 1.50 0.00	37.43 1.28 0.00	38.27 1.24 0.00	37.18 1.26 0.00	35.79 1.18 0.00	38.97 1.36 0.00	44.82 1.63 0.00	69.54 2.86 0.00	75.51 3.27 0.00	70.70 2.77 0.00	76.83 2.80 0.00	60.93 2.31 0.00	49.86 1.84 0.00	50.56 1.93 0.00	51.90 1.96 0.00	54.06 2.14 0.00	58.04 2.20 0.00	66.20 2.53 0.00	59.16 2.70 0.00	64.56 3.18 0.00	56.62 2.91 0.00	75.37 2.90 0.00	81.46 3.10 0.00	69.26 2.67 0.00
RAVENSWOOD_GT_1 23729	41.43 1.61 -3.36	40.47 1.40 -2.92	41.04 1.35 -2.67	40.05 1.36 -2.78	39.05 1.27 -3.16	41.69 1.47 -2.62	46.45 1.76 -1.49	72.83 3.09 -3.04	78.86 3.58 -3.03	74.97 3.06 -3.99	79.91 3.12 -2.77	66.92 2.56 -5.74	62.78 2.04 -12.72	60.20 2.13 -9.43	60.76 2.17 -8.65	62.18 2.35 -7.91	64.53 2.42 -6.27	73.99 2.74 -7.58	64.04 2.91 -4.67	69.76 3.38 -5.00	63.43 3.10 -6.62	78.52 3.12 -2.92	83.77 3.32 -2.09	71.97 2.83 -2.55
RAVENSWOOD_GT_10 24258	38.19 1.43 -0.30	37.71 1.22 -0.34	38.52 1.18 -0.31	37.45 1.21 -0.32	36.10 1.12 -0.37	39.21 1.30 -0.30	44.92 1.55 -0.17	69.78 2.74 -0.35	75.66 3.14 -0.28	71.03 2.65 -0.46	77.00 2.66 -0.32	61.47 2.19 -0.66	50.13 1.75 -0.36	51.18 1.83 -0.72	52.54 1.86 -0.75	54.70 2.04 -0.74	58.40 2.08 -0.47	66.01 2.40 0.06	59.57 2.60 -0.51	65.03 3.07 -0.58	57.29 2.81 -0.76	75.59 2.78 -0.34	81.59 2.99 -0.24	69.44 2.56 -0.29
RAVENSWOOD_GT_11 24259	38.19 1.43 -0.30	37.71 1.22 -0.34	38.52 1.18 -0.31	37.45 1.21 -0.32	36.10 1.12 -0.37	39.21 1.30 -0.30	44.92 1.55 -0.17	69.78 2.74 -0.35	75.66 3.14 -0.28	71.03 2.65 -0.46	77.00 2.66 -0.32	61.47 2.19 -0.66	50.13 1.75 -0.36	51.18 1.83 -0.72	52.54 1.86 -0.75	54.70 2.04 -0.74	58.40 2.08 -0.47	66.01 2.40 0.06	59.57 2.60 -0.51	65.03 3.07 -0.58	57.29 2.81 -0.76	75.59 2.78 -0.34	81.59 2.99 -0.24	69.44 2.56 -0.29
RAVENSWOOD_GT_4 24252	39.84 1.42 -1.95	39.57 1.20 -2.21	40.24 1.18 -2.03	39.23 1.20 -2.11	38.13 1.12 -2.41	40.88 1.29 -1.99	45.87 1.54 -1.13	71.71 2.70 -2.31	77.22 3.11 -1.87	73.57 2.62 -3.02	78.74 2.62 -2.10	65.14 2.17 -4.36	52.14 1.73 -2.39	55.19 1.81 -4.75	56.71 1.83 -4.94	58.78 2.01 -4.85	61.01 2.05 -3.12	65.66 2.39 0.40	62.38 2.58 -3.34	68.24 3.05 -3.81	61.55 2.80 -5.04	77.45 2.74 -2.22	82.90 2.95 -1.59	71.07 2.54 -1.94
RAVENSWOOD_GT_5 24254	39.84 1.42 -1.95	39.57 1.20 -2.21	40.24 1.18 -2.03	39.23 1.20 -2.11	38.13 1.12 -2.41	40.88 1.29 -1.99	45.87 1.54 -1.13	71.71 2.70 -2.31	77.22 3.11 -1.87	73.57 2.62 -3.02	78.74 2.62 -2.10	65.14 2.17 -4.36	52.14 1.73 -2.39	55.19 1.81 -4.75	56.71 1.83 -4.94	58.78 2.01 -4.85	61.01 2.05 -3.12	65.66 2.39 0.40	62.38 2.58 -3.34	68.24 3.05 -3.81	61.55 2.80 -5.04	77.45 2.74 -2.22	82.90 2.95 -1.59	71.07 2.54 -1.94
RAVENSWOOD_GT_6 24253	39.84 1.42 -1.95	39.57 1.20 -2.21	40.24 1.18 -2.03	39.23 1.20 -2.11	38.13 1.12 -2.41	40.88 1.29 -1.99	45.87 1.54 -1.13	71.71 2.70 -2.31	77.22 3.11 -1.87	73.57 2.62 -3.02	78.74 2.62 -2.10	65.14 2.17 -4.36	52.14 1.73 -2.39	55.19 1.81 -4.75	56.71 1.83 -4.94	58.78 2.01 -4.85	61.01 2.05 -3.12	65.66 2.39 0.40	62.38 2.58 -3.34	68.24 3.05 -3.81	61.55 2.80 -5.04	77.45 2.74 -2.22	82.90 2.95 -1.59	71.07 2.54 -1.94
RAVENSWOOD_GT_7 24255	39.84 1.42 -1.95	39.57 1.20 -2.21	40.24 1.18 -2.03	39.23 1.20 -2.11	38.13 1.12 -2.41	40.88 1.29 -1.99	45.87 1.54 -1.13	71.71 2.70 -2.31	77.22 3.11 -1.87	73.57 2.62 -3.02	78.74 2.62 -2.10	65.14 2.17 -4.36	52.14 1.73 -2.39	55.19 1.81 -4.75	56.71 1.83 -4.94	58.78 2.01 -4.85	61.01 2.05 -3.12	65.66 2.39 0.40	62.38 2.58 -3.34	68.24 3.05 -3.81	61.55 2.80 -5.04	77.45 2.74 -2.22	82.90 2.95 -1.59	71.07 2.54 -1.94
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.19 1.43 -0.30	37.71 1.22 -0.34	38.52 1.18 -0.31	37.45 1.21 -0.32	36.10 1.12 -0.37	39.21 1.30 -0.30	44.92 1.55 -0.17	69.78 2.74 -0.35	75.66 3.14 -0.28	71.03 2.65 -0.46	77.00 2.66 -0.32	61.47 2.19 -0.66	50.13 1.75 -0.36	51.18 1.83 -0.72	52.54 1.86 -0.75	54.70 2.04 -0.74	58.40 2.08 -0.47	66.01 2.40 0.06	59.57 2.60 -0.51	65.03 3.07 -0.58	57.29 2.81 -0.76	75.59 2.78 -0.34	81.59 2.99 -0.24	69.44 2.56 -0.29

RAVENSWOOD_GT_9 24257	38.19 1.43 -0.30	37.71 1.22 -0.34	38.52 1.18 -0.31	37.45 1.21 -0.32	36.10 1.12 -0.37	39.21 1.30 -0.30	44.92 1.55 -0.17	69.78 2.74 -0.35	75.66 3.14 -0.28	71.03 2.65 -0.46	77.00 2.66 -0.32	61.47 2.19 -0.66	50.13 1.75 -0.36	51.18 1.83 -0.72	52.54 1.86 -0.75	54.70 2.04 -0.74	58.40 2.08 -0.47	66.01 2.40 0.06	59.57 2.60 -0.51	65.03 3.07 -0.58	57.29 2.81 -0.76	75.59 2.78 -0.34	81.59 2.99 -0.24	69.44 2.56 -0.29
RAVENSWOOD___1 23533	35.49 1.55 2.53	34.63 1.34 2.86	35.68 1.27 2.63	34.46 1.28 2.73	32.69 1.19 3.11	36.40 1.38 2.58	43.41 1.67 1.46	66.64 2.94 2.99	73.23 3.40 2.41	66.90 2.88 3.91	74.24 2.93 2.71	55.41 2.43 5.64	46.86 1.93 3.09	44.51 2.02 6.14	45.61 2.05 6.38	47.88 2.23 6.27	54.08 2.27 4.03	66.79 2.61 -0.52	54.92 2.78 4.32	59.70 3.24 4.93	50.17 2.98 6.52	72.56 2.96 2.88	79.46 3.16 2.05	66.79 2.71 2.51
RAVENSWOOD___2 23534	35.49 1.55 2.53	34.63 1.34 2.86	35.68 1.27 2.63	34.46 1.28 2.73	32.69 1.19 3.11	36.40 1.38 2.58	43.41 1.67 1.46	66.64 2.94 2.99	73.23 3.40 2.41	66.90 2.88 3.91	74.24 2.93 2.71	55.41 2.43 5.64	46.86 1.93 3.09	44.51 2.02 6.14	45.61 2.05 6.38	47.88 2.23 6.27	54.08 2.27 4.03	66.79 2.61 -0.52	54.92 2.78 4.32	59.70 3.24 4.93	50.17 2.98 6.52	72.56 2.96 2.88	79.46 3.16 2.05	66.79 2.71 2.51
RAVENSWOOD___3 23535	37.90 1.44 0.00	37.38 1.23 0.00	38.22 1.19 0.00	37.13 1.21 0.00	35.74 1.13 0.00	38.90 1.30 0.00	44.76 1.56 0.00	69.42 2.73 0.00	75.43 3.19 0.00	70.58 2.65 0.00	76.71 2.69 0.00	60.82 2.21 0.00	49.77 1.75 0.00	50.48 1.85 0.00	51.82 1.88 0.00	53.97 2.05 0.00	57.94 2.09 0.00	66.09 2.42 0.00	59.07 2.61 0.00	64.45 3.08 0.00	56.52 2.81 0.00	75.27 2.79 0.00	81.35 2.98 0.00	69.16 2.57 0.00
RAVENSWOOD___4 23820	35.49 1.55 2.53	34.63 1.34 2.86	35.68 1.27 2.63	34.46 1.28 2.73	32.69 1.19 3.11	36.40 1.38 2.58	43.41 1.67 1.46	66.64 2.94 2.99	73.23 3.40 2.41	66.90 2.88 3.91	74.24 2.93 2.71	55.41 2.43 5.64	46.86 1.93 3.09	44.51 2.02 6.14	45.61 2.05 6.38	47.88 2.23 6.27	54.08 2.27 4.03	66.79 2.61 -0.52	54.92 2.78 4.32	59.70 3.24 4.93	50.17 2.98 6.52	72.56 2.96 2.88	79.46 3.16 2.05	66.79 2.71 2.51
RCPI_TRUST___DRP 24196	37.86 1.40 0.00	37.34 1.19 0.00	38.18 1.15 0.00	37.11 1.19 0.00	35.72 1.11 0.00	38.89 1.29 0.00	44.73 1.53 0.00	69.38 2.70 0.00	75.35 3.11 0.00	70.51 2.58 0.00	76.63 2.60 0.00	60.77 2.15 0.00	49.72 1.70 0.00	50.42 1.79 0.00	51.76 1.82 0.00	53.91 1.99 0.00	57.88 2.03 0.00	66.02 2.36 0.00	59.02 2.55 0.00	64.39 3.01 0.00	56.47 2.76 0.00	75.18 2.70 0.00	81.27 2.91 0.00	69.10 2.51 0.00
RED___ROCHESTER 323720	36.75 0.28 0.00	36.56 0.41 0.00	37.34 0.31 0.00	36.04 0.13 0.00	34.92 0.31 0.00	37.76 0.16 0.00	43.39 0.19 0.00	67.30 0.61 0.00	72.89 0.64 0.00	69.08 1.15 0.00	75.60 1.58 0.00	59.83 1.22 0.00	48.86 0.84 0.00	49.23 0.59 0.00	50.56 0.62 0.00	52.48 0.56 0.00	56.28 0.43 0.00	63.75 0.08 0.00	56.67 0.21 0.00	61.73 0.35 0.00	54.16 0.44 0.00	72.84 0.36 0.00	78.89 0.52 0.00	66.84 0.25 0.00
REGAN___SOLAR 323812	38.61 2.15 0.00	38.21 2.06 0.00	39.14 2.11 0.00	37.96 2.05 0.00	36.67 2.06 0.00	39.96 2.36 0.00	46.15 2.95 0.00	71.61 4.92 0.00	77.34 5.09 0.00	72.31 4.38 0.00	78.45 4.43 0.00	61.63 3.01 0.00	50.35 2.33 0.00	50.56 1.93 0.00	51.99 2.05 0.00	53.89 1.97 0.00	56.80 0.95 0.00	66.25 2.58 0.00	59.89 3.43 0.00	65.59 4.21 0.00	57.37 3.66 0.00	77.16 4.69 0.00	83.28 4.92 0.00	70.65 4.06 0.00
RENSSELAER___COGEN 23796	36.67 0.21 0.00	36.37 0.21 0.00	37.27 0.25 0.00	36.18 0.26 0.00	34.77 0.16 0.00	37.84 0.24 0.00	43.45 0.26 0.00	67.25 0.56 0.00	72.82 0.57 0.00	68.00 0.08 0.00	73.83 -0.19 0.00	58.31 -0.31 0.00	47.79 -0.23 0.00	48.45 -0.18 0.00	49.85 -0.09 0.00	51.80 -0.12 0.00	55.89 0.04 0.00	63.98 0.31 0.00	56.95 0.49 0.00	61.88 0.50 0.00	54.13 0.42 0.00	72.58 0.10 0.00	78.35 -0.01 0.00	66.58 -0.02 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.04 2.57 0.00	38.32 2.17 0.00	39.32 2.29 0.00	38.16 2.25 0.00	37.04 2.43 0.00	40.56 2.95 0.00	47.15 3.96 0.00	73.78 7.09 0.00	80.12 7.87 0.00	73.21 5.29 0.00	80.09 6.07 0.00	62.58 3.96 0.00	51.67 3.65 0.00	52.34 3.71 0.00	53.39 3.45 0.00	55.42 3.50 0.00	60.61 4.76 0.00	69.87 6.20 0.00	62.21 5.75 0.00	67.11 5.73 0.00	58.76 5.05 0.00	78.12 5.64 0.00	83.38 5.02 0.00	71.11 4.52 0.00
REVERE_CPPR_DRP 24186	37.59 1.12 0.00	37.26 1.11 0.00	38.21 1.18 0.00	37.07 1.15 0.00	35.78 1.17 0.00	38.99 1.38 0.00	45.01 1.81 0.00	69.77 3.08 0.00	75.65 3.40 0.00	71.04 3.12 0.00	77.35 3.33 0.00	61.15 2.53 0.00	49.97 1.94 0.00	50.68 2.05 0.00	52.07 2.13 0.00	54.05 2.13 0.00	58.26 2.42 0.00	66.52 2.86 0.00	59.11 2.65 0.00	64.33 2.95 0.00	56.24 2.53 0.00	75.62 3.14 0.00	81.52 3.16 0.00	69.07 2.48 0.00
REYNOLDS_115KV_TB3 80639	36.90 0.44 0.00	36.61 0.46 0.00	37.54 0.51 0.00	36.44 0.52 0.00	35.00 0.39 0.00	38.10 0.49 0.00	43.75 0.56 0.00	67.77 1.08 0.00	73.38 1.14 0.00	68.51 0.59 0.00	74.42 0.39 0.00	58.75 0.13 0.00	48.17 0.14 0.00	48.84 0.21 0.00	50.24 0.31 0.00	52.17 0.25 0.00	56.29 0.45 0.00	64.50 0.83 0.00	57.41 0.95 0.00	62.37 0.99 0.00	54.56 0.85 0.00	73.12 0.64 0.00	78.94 0.58 0.00	67.09 0.50 0.00
RIVERBAY____ 323610	37.84 1.38 0.00	37.50 1.34 -0.01	38.18 1.16 0.00	37.08 1.17 0.00	35.70 1.08 0.00	38.85 1.24 0.00	44.71 1.51 0.00	69.55 2.86 0.00	76.00 3.47 -0.29	70.72 2.78 -0.01	76.84 2.81 0.00	60.85 2.22 -0.01	49.74 1.72 0.00	50.42 1.79 -0.01	51.76 1.81 -0.01	53.95 2.03 -0.01	58.28 2.13 -0.31	66.04 2.36 -0.01	59.02 2.55 0.00	64.38 3.01 0.00	56.51 2.80 0.00	75.33 2.86 0.00	81.40 3.04 0.00	69.06 2.47 0.00
RIVERSDE_115KV_TB3 55908	36.80 0.34 0.00	36.50 0.35 0.00	37.42 0.40 0.00	36.32 0.41 0.00	34.90 0.29 0.00	37.98 0.38 0.00	43.63 0.43 0.00	67.54 0.85 0.00	73.14 0.90 0.00	68.33 0.41 0.00	74.20 0.18 0.00	58.60 -0.02 0.00	48.03 0.01 0.00	48.70 0.07 0.00	50.09 0.15 0.00	52.02 0.10 0.00	56.14 0.29 0.00	64.30 0.63 0.00	57.22 0.76 0.00	62.17 0.79 0.00	54.39 0.68 0.00	72.90 0.42 0.00	78.69 0.32 0.00	66.86 0.28 0.00
ROARING___BROOK_WT_PWR 323790	35.91 -0.56 0.00	35.71 -0.45 0.00	36.66 -0.37 0.00	35.60 -0.32 0.00	34.33 -0.29 0.00	37.33 -0.27 0.00	42.85 -0.35 0.00	66.03 -0.66 0.00	71.73 -0.51 0.00	67.58 -0.34 0.00	73.71 -0.31 0.00	58.44 -0.18 0.00	47.95 -0.08 0.00	48.60 -0.03 0.00	49.91 -0.03 0.00	51.93 0.01 0.00	55.89 0.05 0.00	63.67 0.00 0.00	56.28 -0.19 0.00	61.14 -0.24 0.00	53.44 -0.27 0.00	72.44 -0.04 0.00	78.38 0.02 0.00	66.55 -0.05 0.00

ROCHESRG_115KV_T4 355643	36.36 -0.10 0.00	36.19 0.04 0.00	36.97 -0.06 0.00	35.70 -0.22 0.00	34.58 -0.03 0.00	37.36 -0.24 0.00	42.89 -0.31 0.00	66.48 -0.21 0.00	71.97 -0.28 0.00	68.21 0.28 0.00	74.68 0.66 0.00	59.12 0.50 0.00	48.29 0.26 0.00	48.67 0.04 0.00	49.99 0.05 0.00	51.87 -0.04 0.00	55.61 -0.23 0.00	63.01 -0.65 0.00	56.00 -0.46 0.00	60.98 -0.40 0.00	53.46 -0.25 0.00	71.97 -0.50 0.00	77.99 -0.38 0.00	66.15 -0.44 0.00
ROCHESTER_9_IC 23652	36.56 0.09 0.00	36.38 0.23 0.00	37.16 0.13 0.00	35.88 -0.04 0.00	34.75 0.14 0.00	37.57 -0.04 0.00	43.16 -0.04 0.00	66.91 0.22 0.00	72.46 0.21 0.00	68.66 0.73 0.00	75.18 1.16 0.00	59.50 0.88 0.00	48.60 0.57 0.00	48.97 0.34 0.00	50.29 0.35 0.00	52.18 0.27 0.00	55.96 0.11 0.00	63.40 -0.27 0.00	56.35 -0.11 0.00	61.36 -0.02 0.00	53.81 0.10 0.00	72.42 -0.06 0.00	78.43 0.07 0.00	66.50 -0.09 0.00
ROCKVIEW_13_KV_LD 356306	37.94 1.48 0.00	37.40 1.24 0.00	38.23 1.20 0.00	37.12 1.21 0.00	35.72 1.12 0.00	38.89 1.29 0.00	44.75 1.55 0.00	69.44 2.76 0.00	75.37 3.13 0.00	70.59 2.66 0.00	76.70 2.68 0.00	60.81 2.19 0.00	49.79 1.76 0.00	50.44 1.81 0.00	51.79 1.85 0.00	53.94 2.02 0.00	57.93 2.09 0.00	66.13 2.46 0.00	59.11 2.65 0.00	64.47 3.09 0.00	56.48 2.77 0.00	75.22 2.75 0.00	81.27 2.91 0.00	69.09 2.50 0.00
ROME____115KV_TB2 80656	37.59 1.12 0.00	37.26 1.11 0.00	38.21 1.18 0.00	37.07 1.15 0.00	35.78 1.17 0.00	38.99 1.38 0.00	45.01 1.81 0.00	69.77 3.08 0.00	75.65 3.40 0.00	71.04 3.12 0.00	77.35 3.33 0.00	61.15 2.53 0.00	49.97 1.94 0.00	50.68 2.05 0.00	52.07 2.13 0.00	54.05 2.13 0.00	58.26 2.42 0.00	66.52 2.86 0.00	59.11 2.65 0.00	64.33 2.95 0.00	56.24 2.53 0.00	75.62 3.14 0.00	81.52 3.16 0.00	69.07 2.48 0.00
ROSETON___1 23587	37.37 0.91 0.00	36.89 0.74 0.00	37.77 0.74 0.00	36.68 0.76 0.00	35.31 0.69 0.00	38.42 0.82 0.00	44.17 0.97 0.00	68.44 1.76 0.00	74.20 1.95 0.00	69.43 1.50 0.00	75.44 1.42 0.00	59.77 1.15 0.00	48.94 0.92 0.00	49.62 0.99 0.00	50.94 0.99 0.00	53.04 1.12 0.00	57.01 1.17 0.00	65.09 1.42 0.00	58.15 1.69 0.00	63.39 2.01 0.00	55.51 1.79 0.00	74.06 1.58 0.00	80.03 1.66 0.00	68.05 1.46 0.00
ROSETON___2 23588	37.37 0.91 0.00	36.89 0.74 0.00	37.77 0.74 0.00	36.68 0.76 0.00	35.31 0.69 0.00	38.42 0.82 0.00	44.17 0.97 0.00	68.44 1.76 0.00	74.20 1.95 0.00	69.43 1.50 0.00	75.44 1.42 0.00	59.77 1.15 0.00	48.94 0.92 0.00	49.62 0.99 0.00	50.94 0.99 0.00	53.04 1.12 0.00	57.01 1.17 0.00	65.09 1.42 0.00	58.15 1.69 0.00	63.39 2.01 0.00	55.51 1.79 0.00	74.06 1.58 0.00	80.03 1.66 0.00	68.05 1.46 0.00
ROTTRDAM_115KV_TB3 80664	37.16 0.70 0.00	36.82 0.66 0.00	37.72 0.69 0.00	36.59 0.68 0.00	35.24 0.62 0.00	38.34 0.74 0.00	44.12 0.92 0.00	68.30 1.61 0.00	73.98 1.74 0.00	69.18 1.26 0.00	75.25 1.23 0.00	59.47 0.85 0.00	48.69 0.67 0.00	49.23 0.60 0.00	50.58 0.64 0.00	52.55 0.63 0.00	56.57 0.73 0.00	64.80 1.13 0.00	57.77 1.31 0.00	62.84 1.46 0.00	54.99 1.28 0.00	73.82 1.34 0.00	79.74 1.38 0.00	67.78 1.19 0.00
RUSSELL___1 23602	36.75 0.28 0.00	36.56 0.41 0.00	37.34 0.31 0.00	36.04 0.13 0.00	34.92 0.31 0.00	37.76 0.16 0.00	43.40 0.20 0.00	67.29 0.60 0.00	72.89 0.64 0.00	69.06 1.14 0.00	75.60 1.58 0.00	59.83 1.22 0.00	48.86 0.84 0.00	49.23 0.60 0.00	50.56 0.62 0.00	52.48 0.57 0.00	56.27 0.43 0.00	63.75 0.08 0.00	56.67 0.21 0.00	61.72 0.35 0.00	54.15 0.44 0.00	72.86 0.39 0.00	78.89 0.52 0.00	66.84 0.25 0.00
RUSSELL___2 23532	36.75 0.28 0.00	36.56 0.41 0.00	37.34 0.31 0.00	36.04 0.13 0.00	34.92 0.31 0.00	37.76 0.16 0.00	43.40 0.20 0.00	67.29 0.60 0.00	72.89 0.64 0.00	69.06 1.14 0.00	75.60 1.58 0.00	59.83 1.22 0.00	48.86 0.84 0.00	49.23 0.60 0.00	50.56 0.62 0.00	52.48 0.57 0.00	56.27 0.43 0.00	63.75 0.08 0.00	56.67 0.21 0.00	61.72 0.35 0.00	54.15 0.44 0.00	72.86 0.39 0.00	78.89 0.52 0.00	66.84 0.25 0.00
RUSSELL___3 23549	36.75 0.28 0.00	36.56 0.41 0.00	37.34 0.31 0.00	36.04 0.13 0.00	34.92 0.31 0.00	37.76 0.16 0.00	43.40 0.20 0.00	67.29 0.60 0.00	72.89 0.64 0.00	69.06 1.14 0.00	75.60 1.58 0.00	59.83 1.22 0.00	48.86 0.84 0.00	49.23 0.60 0.00	50.56 0.62 0.00	52.48 0.57 0.00	56.27 0.43 0.00	63.75 0.08 0.00	56.67 0.21 0.00	61.72 0.35 0.00	54.15 0.44 0.00	72.86 0.39 0.00	78.89 0.52 0.00	66.84 0.25 0.00
RUSSELL___4 23556	36.75 0.28 0.00	36.56 0.41 0.00	37.34 0.31 0.00	36.04 0.13 0.00	34.92 0.31 0.00	37.76 0.16 0.00	43.40 0.20 0.00	67.29 0.60 0.00	72.89 0.64 0.00	69.06 1.14 0.00	75.60 1.58 0.00	59.83 1.22 0.00	48.86 0.84 0.00	49.23 0.60 0.00	50.56 0.62 0.00	52.48 0.57 0.00	56.27 0.43 0.00	63.75 0.08 0.00	56.67 0.21 0.00	61.72 0.35 0.00	54.15 0.44 0.00	72.86 0.39 0.00	78.89 0.52 0.00	66.84 0.25 0.00
RUSSELL___STATION 23914	36.75 0.28 0.00	36.56 0.41 0.00	37.34 0.31 0.00	36.04 0.13 0.00	34.92 0.31 0.00	37.76 0.16 0.00	43.40 0.20 0.00	67.29 0.60 0.00	72.89 0.64 0.00	69.06 1.14 0.00	75.60 1.58 0.00	59.83 1.22 0.00	48.86 0.84 0.00	49.23 0.60 0.00	50.56 0.62 0.00	52.48 0.57 0.00	56.27 0.43 0.00	63.75 0.08 0.00	56.67 0.21 0.00	61.72 0.35 0.00	54.15 0.44 0.00	72.86 0.39 0.00	78.89 0.52 0.00	66.84 0.25 0.00
S SALMON___HYD 24043	36.03 -0.44 0.00	35.75 -0.41 0.00	36.64 -0.39 0.00	35.58 -0.33 0.00	34.37 -0.24 0.00	37.41 -0.19 0.00	43.05 -0.15 0.00	66.73 0.04 0.00	72.25 0.01 0.00	67.98 0.06 0.00	74.30 0.27 0.00	58.60 -0.02 0.00	47.99 -0.03 0.00	48.60 -0.03 0.00	49.86 -0.08 0.00	51.88 -0.04 0.00	55.73 -0.11 0.00	63.67 0.00 0.00	56.56 0.10 0.00	61.58 0.20 0.00	53.86 0.16 0.00	72.60 0.13 0.00	78.50 0.14 0.00	66.59 0.00 0.00
S.PERRY__115KV_TB1 80734	37.23 0.77 0.00	37.21 1.06 0.00	38.07 1.04 0.00	36.87 0.95 0.00	35.71 1.10 0.00	38.66 1.06 0.00	44.70 1.50 0.00	69.54 2.86 0.00	75.25 3.01 0.00	70.89 2.97 0.00	77.65 3.62 0.00	61.58 2.96 0.00	50.19 2.17 0.00	50.60 1.96 0.00	52.00 2.06 0.00	53.99 2.07 0.00	58.08 2.24 0.00	65.83 2.16 0.00	58.64 2.18 0.00	64.11 2.73 0.00	56.12 2.41 0.00	75.31 2.84 0.00	81.29 2.93 0.00	68.81 2.22 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.26 -0.21 0.00	36.24 0.09 0.00	36.95 -0.08 0.00	35.54 -0.37 0.00	34.53 -0.09 0.00	37.08 -0.53 0.00	42.34 -0.86 0.00	65.64 -1.05 0.00	71.06 -1.18 0.00	67.87 -0.06 0.00	74.76 0.73 0.00	59.16 0.54 0.00	48.24 0.21 0.00	48.46 -0.17 0.00	49.72 -0.22 0.00	51.46 -0.45 0.00	55.01 -0.83 0.00	62.07 -1.60 0.00	55.25 -1.21 0.00	60.13 -1.25 0.00	52.81 -0.90 0.00	71.29 -1.19 0.00	77.53 -0.83 0.00	65.74 -0.85 0.00

SAWYER___23_KV_LOAD 55526	36.26 -0.21 0.00	36.24 0.09 0.00	36.95 -0.08 0.00	35.54 -0.37 0.00	34.53 -0.09 0.00	37.08 -0.53 0.00	42.34 -0.86 0.00	65.64 -1.05 0.00	71.06 -1.18 0.00	67.87 -0.06 0.00	74.76 0.73 0.00	59.16 0.54 0.00	48.24 0.21 0.00	48.46 -0.17 0.00	49.72 -0.22 0.00	51.46 -0.45 0.00	55.01 -0.83 0.00	62.07 -1.60 0.00	55.25 -1.21 0.00	60.13 -1.25 0.00	52.81 -0.90 0.00	71.29 -1.19 0.00	77.53 -0.83 0.00	65.74 -0.85 0.00
SELKIRK___I 23801	36.75 0.29 0.00	36.42 0.27 0.00	37.32 0.29 0.00	36.22 0.30 0.00	34.84 0.23 0.00	37.90 0.29 0.00	43.52 0.32 0.00	67.32 0.63 0.00	72.92 0.68 0.00	68.22 0.30 0.00	74.17 0.15 0.00	58.65 0.03 0.00	48.02 0.00 0.00	48.72 0.09 0.00	50.23 0.29 0.00	52.26 0.34 0.00	56.40 0.56 0.00	64.52 0.85 0.00	57.43 0.97 0.00	62.38 1.00 0.00	54.58 0.86 0.00	73.22 0.74 0.00	79.10 0.74 0.00	67.27 0.68 0.00
SELKIRK___II 23799	36.79 0.32 0.00	36.47 0.32 0.00	37.39 0.36 0.00	36.28 0.37 0.00	34.89 0.28 0.00	37.97 0.36 0.00	43.61 0.41 0.00	67.46 0.78 0.00	73.07 0.82 0.00	68.29 0.36 0.00	74.17 0.15 0.00	58.60 -0.01 0.00	48.02 -0.01 0.00	48.67 0.05 0.00	50.07 0.12 0.00	52.04 0.12 0.00	56.12 0.28 0.00	64.19 0.52 0.00	57.15 0.69 0.00	62.09 0.71 0.00	54.34 0.63 0.00	72.87 0.39 0.00	78.71 0.35 0.00	66.90 0.31 0.00
SENECA OSWGO___HYD 24041	35.91 -0.55 0.00	35.62 -0.54 0.00	36.47 -0.56 0.00	35.36 -0.55 0.00	34.14 -0.48 0.00	37.10 -0.50 0.00	42.69 -0.50 0.00	66.07 -0.62 0.00	71.54 -0.71 0.00	67.28 -0.65 0.00	73.35 -0.67 0.00	58.02 -0.59 0.00	47.50 -0.52 0.00	48.07 -0.56 0.00	49.37 -0.57 0.00	51.30 -0.62 0.00	55.17 -0.67 0.00	62.84 -0.83 0.00	55.86 -0.60 0.00	60.81 -0.57 0.00	53.22 -0.49 0.00	71.54 -0.94 0.00	77.36 -1.00 0.00	65.75 -0.84 0.00
SENECA___115KV_TB3 355854	36.83 0.37 0.00	36.83 0.67 0.00	37.54 0.52 0.00	36.14 0.23 0.00	35.12 0.51 0.00	37.73 0.13 0.00	43.14 -0.06 0.00	66.92 0.23 0.00	72.43 0.19 0.00	69.15 1.22 0.00	76.11 2.09 0.00	60.25 1.64 0.00	49.12 1.10 0.00	49.38 0.75 0.00	50.56 0.62 0.00	52.28 0.37 0.00	56.00 0.16 0.00	63.27 -0.40 0.00	56.34 -0.12 0.00	61.30 -0.08 0.00	53.81 0.10 0.00	72.58 0.10 0.00	78.79 0.42 0.00	66.77 0.18 0.00
SENECA___ENERGY 23797	36.55 0.09 0.00	36.34 0.18 0.00	37.19 0.16 0.00	36.05 0.14 0.00	34.91 0.29 0.00	37.83 0.23 0.00	43.59 0.39 0.00	67.52 0.83 0.00	73.04 0.80 0.00	68.94 1.02 0.00	75.18 1.16 0.00	59.55 0.93 0.00	48.82 0.80 0.00	49.31 0.68 0.00	50.64 0.70 0.00	52.57 0.65 0.00	56.40 0.55 0.00	64.01 0.34 0.00	56.87 0.41 0.00	61.95 0.57 0.00	54.22 0.51 0.00	72.79 0.31 0.00	78.57 0.21 0.00	66.84 0.25 0.00
SHOEMAKER___GT 23640	37.32 0.85 0.00	36.87 0.72 0.00	37.74 0.72 0.00	36.66 0.74 0.00	35.31 0.69 0.00	38.42 0.81 0.00	44.13 0.93 0.00	68.31 1.63 0.00	73.97 1.73 0.00	69.30 1.37 0.00	75.38 1.35 0.00	59.71 1.10 0.00	48.88 0.86 0.00	49.56 0.93 0.00	50.85 0.91 0.00	52.91 0.99 0.00	56.91 1.06 0.00	64.95 1.28 0.00	57.99 1.53 0.00	63.27 1.89 0.00	55.40 1.68 0.00	73.98 1.51 0.00	79.88 1.52 0.00	67.88 1.29 0.00
SHOEMAKR_138KV_BK 111 55601	37.29 0.83 0.00	36.84 0.69 0.00	37.73 0.70 0.00	36.64 0.72 0.00	35.29 0.68 0.00	38.40 0.79 0.00	44.10 0.90 0.00	68.27 1.58 0.00	73.93 1.69 0.00	69.27 1.34 0.00	75.31 1.29 0.00	59.69 1.07 0.00	48.86 0.83 0.00	49.53 0.90 0.00	50.83 0.90 0.00	52.92 1.00 0.00	56.87 1.02 0.00	64.90 1.24 0.00	57.96 1.49 0.00	63.22 1.84 0.00	55.36 1.65 0.00	73.91 1.43 0.00	79.84 1.48 0.00	67.85 1.26 0.00
SHOREHAM_IC_1 23715	35.99 1.41 1.88	36.98 0.83 0.00	37.64 0.62 0.00	36.47 0.56 0.00	34.58 -0.04 0.00	35.39 -0.28 1.93	35.97 -0.18 7.05	66.90 0.21 0.00	43.46 -0.42 28.37	19.96 -0.19 47.78	49.56 -0.78 23.68	47.57 -0.29 10.76	17.46 -0.39 30.18	11.58 -0.64 36.42	20.42 -0.65 28.87	17.82 -0.46 33.63	20.58 -0.41 34.86	64.90 1.23 0.00	58.18 1.72 0.00	30.26 1.18 32.30	54.23 1.10 0.59	57.39 -0.02 15.08	57.44 -0.63 20.29	53.01 -0.86 12.72
SHOREHAM_IC_2 23716	35.99 1.41 1.88	36.98 0.83 0.00	37.64 0.62 0.00	36.47 0.56 0.00	34.58 -0.04 0.00	35.39 -0.28 1.93	35.97 -0.18 7.05	66.90 0.21 0.00	43.46 -0.42 28.37	19.96 -0.19 47.78	49.56 -0.78 23.68	47.57 -0.29 10.76	17.46 -0.39 30.18	11.58 -0.64 36.42	20.42 -0.65 28.87	17.82 -0.46 33.63	20.58 -0.41 34.86	64.90 1.23 0.00	58.18 1.72 0.00	30.26 1.18 32.30	54.23 1.10 0.59	57.39 -0.02 15.08	57.44 -0.63 20.29	53.01 -0.86 12.72
SISSONVILLE____ 23735	36.13 -0.33 0.00	35.84 -0.31 0.00	36.77 -0.26 0.00	35.66 -0.25 0.00	34.35 -0.27 0.00	37.31 -0.30 0.00	42.59 -0.61 0.00	65.44 -1.25 0.00	70.82 -1.42 0.00	67.26 -0.67 0.00	73.67 -0.35 0.00	58.45 -0.17 0.00	47.86 -0.16 0.00	48.39 -0.24 0.00	49.69 -0.25 0.00	51.72 -0.20 0.00	55.73 -0.12 0.00	63.51 -0.16 0.00	55.50 -0.96 0.00	60.22 -1.16 0.00	52.37 -1.34 0.00	71.96 -0.51 0.00	77.77 -0.59 0.00	65.85 -0.74 0.00
SITHE_IND_GS1 24169	35.65 -0.81 0.00	35.37 -0.78 0.00	36.22 -0.81 0.00	35.12 -0.80 0.00	33.88 -0.73 0.00	36.80 -0.81 0.00	42.31 -0.89 0.00	65.44 -1.25 0.00	70.86 -1.39 0.00	66.66 -1.27 0.00	72.70 -1.33 0.00	57.54 -1.07 0.00	47.12 -0.90 0.00	47.68 -0.95 0.00	48.95 -0.99 0.00	50.88 -1.03 0.00	54.68 -1.16 0.00	62.28 -1.39 0.00	55.34 -1.13 0.00	60.20 -1.18 0.00	52.69 -1.02 0.00	70.94 -1.54 0.00	76.76 -1.60 0.00	65.29 -1.31 0.00
SITHE_IND_GS2 24170	35.65 -0.81 0.00	35.37 -0.78 0.00	36.22 -0.81 0.00	35.12 -0.80 0.00	33.88 -0.73 0.00	36.80 -0.81 0.00	42.31 -0.89 0.00	65.44 -1.25 0.00	70.86 -1.39 0.00	66.66 -1.27 0.00	72.70 -1.33 0.00	57.54 -1.07 0.00	47.12 -0.90 0.00	47.68 -0.95 0.00	48.95 -0.99 0.00	50.88 -1.03 0.00	54.68 -1.16 0.00	62.28 -1.39 0.00	55.34 -1.13 0.00	60.20 -1.18 0.00	52.69 -1.02 0.00	70.94 -1.54 0.00	76.76 -1.60 0.00	65.29 -1.31 0.00
SITHE_IND_GS3 24171	35.65 -0.81 0.00	35.37 -0.78 0.00	36.22 -0.81 0.00	35.12 -0.80 0.00	33.88 -0.73 0.00	36.80 -0.81 0.00	42.31 -0.89 0.00	65.44 -1.25 0.00	70.86 -1.39 0.00	66.66 -1.27 0.00	72.70 -1.33 0.00	57.54 -1.07 0.00	47.12 -0.90 0.00	47.68 -0.95 0.00	48.95 -0.99 0.00	50.88 -1.03 0.00	54.68 -1.16 0.00	62.28 -1.39 0.00	55.34 -1.13 0.00	60.20 -1.18 0.00	52.69 -1.02 0.00	70.94 -1.54 0.00	76.76 -1.60 0.00	65.29 -1.31 0.00
SITHE_IND_GS4 24172	35.65 -0.81 0.00	35.37 -0.78 0.00	36.22 -0.81 0.00	35.12 -0.80 0.00	33.88 -0.73 0.00	36.80 -0.81 0.00	42.31 -0.89 0.00	65.44 -1.25 0.00	70.86 -1.39 0.00	66.66 -1.27 0.00	72.70 -1.33 0.00	57.54 -1.07 0.00	47.12 -0.90 0.00	47.68 -0.95 0.00	48.95 -0.99 0.00	50.88 -1.03 0.00	54.68 -1.16 0.00	62.28 -1.39 0.00	55.34 -1.13 0.00	60.20 -1.18 0.00	52.69 -1.02 0.00	70.94 -1.54 0.00	76.76 -1.60 0.00	65.29 -1.31 0.00

SITHE___BATAVIA 24024	36.91 0.45 0.00	36.81 0.65 0.00	37.55 0.52 0.00	36.18 0.27 0.00	35.12 0.51 0.00	37.88 0.28 0.00	43.44 0.24 0.00	67.45 0.77 0.00	73.08 0.84 0.00	69.63 1.70 0.00	76.39 2.37 0.00	60.38 1.77 0.00	49.21 1.18 0.00	49.42 0.79 0.00	50.69 0.75 0.00	52.69 0.77 0.00	56.35 0.50 0.00	63.70 0.03 0.00	56.69 0.22 0.00	61.77 0.39 0.00	54.22 0.50 0.00	73.00 0.52 0.00	79.22 0.86 0.00	67.05 0.46 0.00
SITHE___INDEPEND 23800	35.65 -0.81 0.00	35.38 -0.78 0.00	36.22 -0.81 0.00	35.12 -0.80 0.00	33.89 -0.73 0.00	36.80 -0.81 0.00	42.31 -0.89 0.00	65.44 -1.25 0.00	70.86 -1.38 0.00	66.66 -1.27 0.00	72.69 -1.33 0.00	57.54 -1.08 0.00	47.12 -0.90 0.00	47.68 -0.95 0.00	48.95 -0.99 0.00	50.88 -1.04 0.00	54.69 -1.16 0.00	62.28 -1.39 0.00	55.34 -1.13 0.00	60.20 -1.18 0.00	52.68 -1.03 0.00	70.94 -1.53 0.00	76.76 -1.60 0.00	65.28 -1.31 0.00
SITHE___MASSENA 23902	36.89 0.42 0.00	36.59 0.44 0.00	37.49 0.46 0.00	36.35 0.43 0.00	35.00 0.38 0.00	37.96 0.35 0.00	43.31 0.11 0.00	66.52 -0.17 0.00	71.99 -0.25 0.00	68.35 0.42 0.00	74.75 0.72 0.00	59.34 0.72 0.00	48.68 0.66 0.00	49.24 0.61 0.00	50.57 0.63 0.00	52.60 0.68 0.00	56.62 0.78 0.00	64.44 0.77 0.00	56.41 -0.06 0.00	61.20 -0.18 0.00	53.05 -0.66 0.00	73.05 0.57 0.00	79.07 0.70 0.00	67.02 0.43 0.00
SITHE___OGDNSBRG 24021	37.27 0.80 0.00	36.96 0.81 0.00	37.87 0.84 0.00	36.71 0.80 0.00	35.36 0.75 0.00	38.38 0.78 0.00	43.86 0.66 0.00	67.34 0.65 0.00	72.75 0.50 0.00	69.00 1.07 0.00	75.44 1.42 0.00	59.84 1.22 0.00	49.07 1.05 0.00	49.56 0.93 0.00	50.96 1.02 0.00	53.08 1.16 0.00	57.23 1.39 0.00	65.19 1.53 0.00	57.04 0.58 0.00	61.93 0.55 0.00	53.67 -0.05 0.00	73.96 1.48 0.00	79.95 1.58 0.00	67.66 1.07 0.00
SITHE___STERLING 23777	37.29 0.82 0.00	36.98 0.82 0.00	37.88 0.86 0.00	36.76 0.84 0.00	35.50 0.88 0.00	38.63 1.02 0.00	44.56 1.36 0.00	69.07 2.38 0.00	74.83 2.59 0.00	70.23 2.31 0.00	76.47 2.45 0.00	60.46 1.84 0.00	49.47 1.45 0.00	50.14 1.52 0.00	51.46 1.52 0.00	53.46 1.54 0.00	57.60 1.76 0.00	65.70 2.03 0.00	58.42 1.96 0.00	63.60 2.22 0.00	55.62 1.91 0.00	74.74 2.26 0.00	80.64 2.28 0.00	68.37 1.78 0.00
SLEIGHT__34_KV_TB1 80719	36.39 -0.08 0.00	36.16 0.01 0.00	36.97 -0.06 0.00	35.77 -0.15 0.00	34.66 0.05 0.00	37.55 -0.06 0.00	43.22 0.03 0.00	67.03 0.34 0.00	72.60 0.36 0.00	68.56 0.63 0.00	74.95 0.92 0.00	59.31 0.70 0.00	48.45 0.43 0.00	48.94 0.31 0.00	50.21 0.27 0.00	52.13 0.22 0.00	55.94 0.10 0.00	63.49 -0.18 0.00	56.45 -0.02 0.00	61.46 0.08 0.00	53.81 0.10 0.00	72.39 -0.09 0.00	78.23 -0.13 0.00	66.40 -0.19 0.00
SOUTH CAIRO___GT 23612	38.50 2.04 0.00	38.18 2.03 0.00	39.11 2.08 0.00	37.99 2.07 0.00	36.56 1.95 0.00	39.88 2.28 0.00	46.01 2.82 0.00	71.41 4.72 0.00	77.19 4.95 0.00	71.58 3.65 0.00	76.68 2.66 0.00	60.05 1.43 0.00	49.09 1.06 0.00	49.54 0.91 0.00	51.43 1.49 0.00	53.60 1.69 0.00	58.20 2.36 0.00	66.78 3.11 0.00	59.63 3.16 0.00	64.86 3.48 0.00	56.70 2.99 0.00	75.86 3.38 0.00	81.73 3.37 0.00	69.29 2.70 0.00
SOUTH HAMPTN___IC 23720	36.48 1.92 1.90	37.38 1.22 0.00	38.13 1.10 0.00	36.97 1.05 0.00	34.77 0.15 0.00	35.49 -0.18 1.94	36.30 0.16 7.06	67.60 0.91 0.00	44.17 0.34 28.41	20.64 0.56 47.85	50.12 -0.18 23.71	47.79 -0.05 10.78	17.53 -0.26 30.23	11.49 -0.66 36.49	20.28 -0.75 28.92	17.74 -0.50 33.68	20.52 -0.41 34.91	64.93 1.27 0.00	58.18 1.73 0.00	30.30 1.29 32.37	54.33 1.21 0.59	57.44 0.06 15.11	57.48 -0.57 20.32	53.08 -0.77 12.74
SOUTHDOW_115KV_TB1 355954	38.43 1.96 0.00	38.45 2.30 0.00	39.21 2.19 0.00	37.80 1.88 0.00	36.75 2.14 0.00	39.60 2.00 0.00	45.38 2.19 0.00	70.78 4.10 0.00	76.63 4.39 0.00	72.98 5.05 0.00	80.00 5.98 0.00	63.35 4.74 0.00	51.67 3.65 0.00	51.89 3.26 0.00	53.12 3.18 0.00	54.98 3.07 0.00	58.88 3.03 0.00	66.45 2.78 0.00	59.21 2.75 0.00	64.52 3.14 0.00	56.46 2.76 0.00	75.88 3.40 0.00	82.07 3.71 0.00	69.52 2.93 0.00
SOUTHOLD_69_KV_BK 2 55809	36.74 2.18 1.90	37.52 1.37 0.00	38.35 1.32 0.00	37.20 1.29 0.00	34.67 0.06 0.00	35.24 -0.43 1.94	36.27 0.13 7.06	67.73 1.04 0.00	44.33 0.49 28.41	20.86 0.78 47.84	50.19 -0.12 23.71	47.57 -0.27 10.78	17.32 -0.47 30.23	11.11 -1.03 36.49	19.79 -1.24 28.91	17.26 -0.98 33.68	20.04 -0.89 34.91	64.36 0.70 0.00	57.70 1.24 0.00	29.81 0.80 32.37	53.89 0.77 0.59	56.80 -0.57 15.10	56.74 -1.31 20.32	52.42 -1.43 12.74
SOUTHOLD___IC 23719	36.74 2.18 1.90	37.51 1.36 0.00	38.34 1.32 0.00	37.21 1.29 0.00	34.68 0.06 0.00	35.25 -0.42 1.94	36.27 0.13 7.06	67.72 1.03 0.00	44.32 0.48 28.41	20.83 0.75 47.84	50.18 -0.13 23.71	47.58 -0.27 10.78	17.28 -0.52 30.23	11.10 -1.04 36.49	19.77 -1.26 28.91	17.24 -0.99 33.68	20.02 -0.91 34.91	64.36 0.70 0.00	57.72 1.26 0.00	29.81 0.80 32.37	53.89 0.77 0.59	56.80 -0.57 15.10	56.73 -1.32 20.32	52.42 -1.43 12.74
SOUTH_FORK_WT_PWR 323839	36.68 2.12 1.90	37.36 1.21 0.00	38.26 1.23 0.00	37.14 1.22 0.00	34.31 -0.31 0.00	34.72 -0.95 1.94	35.84 -0.30 7.06	67.20 0.51 0.00	43.71 -0.12 28.41	20.32 0.23 47.85	49.48 -0.83 23.71	46.86 -0.98 10.78	16.61 -1.18 30.23	10.32 -1.82 36.49	18.94 -2.09 28.91	16.33 -1.91 33.68	19.00 -1.93 34.91	63.30 -0.37 0.00	56.74 0.28 0.00	28.72 -0.28 32.37	52.94 -0.18 0.59	55.51 -1.87 15.11	55.35 -2.70 20.32	51.22 -2.63 12.74
SPIERFLS_115KV_TB 1 80737	38.03 1.57 0.00	37.61 1.46 0.00	38.56 1.53 0.00	37.42 1.50 0.00	36.06 1.45 0.00	39.35 1.74 0.00	45.47 2.27 0.00	70.66 3.97 0.00	76.66 4.42 0.00	71.07 3.14 0.00	77.31 3.28 0.00	60.96 2.34 0.00	49.93 1.91 0.00	50.51 1.88 0.00	51.83 1.89 0.00	53.82 1.90 0.00	58.23 2.38 0.00	66.89 3.22 0.00	59.59 3.13 0.00	64.68 3.30 0.00	56.58 2.87 0.00	75.68 3.20 0.00	81.61 3.25 0.00	69.36 2.77 0.00
ST LAWRENCE____ 23600	36.47 0.01 0.00	36.18 0.03 0.00	37.07 0.04 0.00	35.92 0.01 0.00	34.59 -0.02 0.00	37.53 -0.08 0.00	42.99 -0.20 0.00	66.08 -0.61 0.00	71.54 -0.70 0.00	67.63 -0.30 0.00	73.89 -0.13 0.00	58.63 0.01 0.00	48.09 0.06 0.00	48.68 0.05 0.00	49.97 0.03 0.00	51.99 0.07 0.00	55.95 0.11 0.00	63.68 0.02 0.00	56.00 -0.46 0.00	60.76 -0.62 0.00	53.09 -0.63 0.00	72.48 0.00 0.00	78.45 0.09 0.00	66.53 -0.06 0.00
STATE_CA_115KV_115_LB 55624	36.85 0.39 0.00	36.54 0.39 0.00	37.45 0.42 0.00	36.36 0.44 0.00	34.95 0.33 0.00	38.04 0.43 0.00	43.69 0.49 0.00	67.64 0.95 0.00	73.26 1.01 0.00	68.44 0.52 0.00	74.37 0.34 0.00	58.73 0.12 0.00	48.12 0.10 0.00	48.76 0.13 0.00	50.17 0.23 0.00	52.10 0.18 0.00	56.24 0.39 0.00	64.39 0.72 0.00	57.32 0.85 0.00	62.27 0.89 0.00	54.46 0.75 0.00	72.99 0.51 0.00	78.77 0.41 0.00	66.95 0.36 0.00

STATE_ST_34_KV_LOAD 55959	36.76 0.29 0.00	36.50 0.35 0.00	37.35 0.32 0.00	36.23 0.31 0.00	35.15 0.54 0.00	38.04 0.44 0.00	43.89 0.69 0.00	67.99 1.30 0.00	73.50 1.25 0.00	69.23 1.31 0.00	75.50 1.48 0.00	59.80 1.18 0.00	48.97 0.94 0.00	49.51 0.88 0.00	50.66 0.72 0.00	52.63 0.72 0.00	56.55 0.70 0.00	64.32 0.65 0.00	57.21 0.75 0.00	62.31 0.93 0.00	54.54 0.83 0.00	73.44 0.96 0.00	79.21 0.85 0.00	67.46 0.87 0.00
STATION 5_MISC_HYD 23604	36.56 0.09 0.00	36.38 0.22 0.00	37.16 0.13 0.00	35.88 -0.04 0.00	34.75 0.14 0.00	37.57 -0.04 0.00	43.15 -0.04 0.00	66.92 0.23 0.00	72.46 0.22 0.00	68.67 0.75 0.00	75.17 1.15 0.00	59.49 0.87 0.00	48.60 0.57 0.00	48.97 0.34 0.00	50.29 0.36 0.00	52.20 0.28 0.00	55.97 0.12 0.00	63.41 -0.26 0.00	56.35 -0.11 0.00	61.36 -0.02 0.00	53.82 0.11 0.00	72.41 -0.07 0.00	78.43 0.07 0.00	66.50 -0.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.60 0.13 0.00	36.40 0.24 0.00	37.21 0.18 0.00	36.01 0.09 0.00	34.88 0.27 0.00	37.78 0.18 0.00	43.49 0.29 0.00	67.40 0.71 0.00	72.97 0.72 0.00	68.89 0.97 0.00	75.26 1.24 0.00	59.65 1.03 0.00	48.77 0.75 0.00	49.24 0.61 0.00	50.61 0.67 0.00	52.52 0.61 0.00	56.32 0.47 0.00	63.88 0.21 0.00	56.77 0.31 0.00	61.82 0.44 0.00	54.13 0.42 0.00	72.75 0.27 0.00	78.58 0.22 0.00	66.77 0.17 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.35 -0.11 0.00	36.16 0.01 0.00	36.94 -0.09 0.00	35.68 -0.23 0.00	34.55 -0.06 0.00	37.37 -0.24 0.00	42.93 -0.27 0.00	66.57 -0.12 0.00	72.09 -0.15 0.00	68.28 0.36 0.00	74.75 0.73 0.00	59.18 0.56 0.00	48.34 0.32 0.00	48.74 0.11 0.00	50.05 0.11 0.00	51.97 0.05 0.00	55.71 -0.13 0.00	63.14 -0.53 0.00	56.09 -0.37 0.00	61.08 -0.30 0.00	53.54 -0.17 0.00	72.05 -0.43 0.00	78.03 -0.33 0.00	66.16 -0.44 0.00
STA_56___34_KV_BUS2 355983	36.35 -0.11 0.00	36.16 0.01 0.00	36.94 -0.09 0.00	35.68 -0.23 0.00	34.55 -0.06 0.00	37.37 -0.24 0.00	42.93 -0.27 0.00	66.57 -0.12 0.00	72.09 -0.15 0.00	68.28 0.36 0.00	74.75 0.73 0.00	59.18 0.56 0.00	48.34 0.32 0.00	48.74 0.11 0.00	50.05 0.11 0.00	51.97 0.05 0.00	55.71 -0.13 0.00	63.14 -0.53 0.00	56.09 -0.37 0.00	61.08 -0.30 0.00	53.54 -0.17 0.00	72.05 -0.43 0.00	78.03 -0.33 0.00	66.16 -0.44 0.00
STA_67___115KV_BK2 355882	36.48 0.01 0.00	36.30 0.15 0.00	37.08 0.06 0.00	35.80 -0.12 0.00	34.68 0.07 0.00	37.48 -0.12 0.00	43.04 -0.15 0.00	66.72 0.03 0.00	72.25 0.00 0.00	68.47 0.55 0.00	74.98 0.96 0.00	59.34 0.72 0.00	48.48 0.45 0.00	48.85 0.22 0.00	50.16 0.22 0.00	52.07 0.15 0.00	55.82 -0.03 0.00	63.24 -0.43 0.00	56.21 -0.25 0.00	61.20 -0.18 0.00	53.67 -0.05 0.00	72.25 -0.23 0.00	78.26 -0.10 0.00	66.36 -0.23 0.00
STA_7___115KV_9TRANS 80674	36.75 0.28 0.00	36.56 0.41 0.00	37.34 0.31 0.00	36.04 0.13 0.00	34.92 0.31 0.00	37.76 0.16 0.00	43.40 0.20 0.00	67.29 0.60 0.00	72.89 0.64 0.00	69.06 1.14 0.00	75.60 1.58 0.00	59.83 1.22 0.00	48.86 0.84 0.00	49.23 0.60 0.00	50.56 0.62 0.00	52.48 0.57 0.00	56.27 0.43 0.00	63.75 0.08 0.00	56.67 0.21 0.00	61.72 0.35 0.00	54.15 0.44 0.00	72.86 0.39 0.00	78.89 0.52 0.00	66.84 0.25 0.00
STA_82___115KV_TB1 80780	36.47 0.01 0.00	36.30 0.15 0.00	37.08 0.06 0.00	35.80 -0.12 0.00	34.68 0.07 0.00	37.48 -0.12 0.00	43.04 -0.15 0.00	66.74 0.05 0.00	72.26 0.01 0.00	68.49 0.56 0.00	74.98 0.96 0.00	59.35 0.74 0.00	48.48 0.45 0.00	48.85 0.22 0.00	50.16 0.22 0.00	52.07 0.15 0.00	55.82 -0.02 0.00	63.24 -0.43 0.00	56.21 -0.25 0.00	61.21 -0.17 0.00	53.67 -0.04 0.00	72.25 -0.23 0.00	78.26 -0.10 0.00	66.36 -0.23 0.00
STEEL___WIND 323596	36.78 0.32 0.00	36.79 0.64 0.00	37.50 0.47 0.00	36.12 0.20 0.00	35.09 0.48 0.00	37.70 0.09 0.00	43.08 -0.12 0.00	66.84 0.15 0.00	72.33 0.09 0.00	69.06 1.14 0.00	76.00 1.98 0.00	60.17 1.55 0.00	49.06 1.04 0.00	49.33 0.70 0.00	50.51 0.57 0.00	52.23 0.32 0.00	55.94 0.09 0.00	63.22 -0.45 0.00	56.28 -0.18 0.00	61.23 -0.15 0.00	53.77 0.06 0.00	72.43 -0.04 0.00	78.68 0.32 0.00	66.72 0.13 0.00
STEPHTWN_115KV_BK_2 55603	37.12 0.66 0.00	36.85 0.70 0.00	37.72 0.69 0.00	36.55 0.64 0.00	35.16 0.54 0.00	38.38 0.77 0.00	44.17 0.97 0.00	68.34 1.66 0.00	73.96 1.72 0.00	68.98 1.05 0.00	74.83 0.80 0.00	58.99 0.37 0.00	48.37 0.35 0.00	49.05 0.42 0.00	50.60 0.66 0.00	52.53 0.61 0.00	56.74 0.90 0.00	64.96 1.29 0.00	57.82 1.36 0.00	62.82 1.44 0.00	54.95 1.24 0.00	73.63 1.15 0.00	79.30 0.94 0.00	67.36 0.77 0.00
STEUBEN_REC_LFGE 323667	36.07 -0.39 0.00	36.32 0.16 0.00	37.25 0.22 0.00	36.28 0.37 0.00	35.07 0.46 0.00	38.09 0.48 0.00	43.87 0.67 0.00	68.47 1.78 0.00	74.26 2.02 0.00	70.29 2.36 0.00	76.90 2.88 0.00	61.17 2.55 0.00	50.05 2.03 0.00	50.51 1.88 0.00	52.08 2.14 0.00	54.09 2.17 0.00	57.91 2.06 0.00	65.36 1.69 0.00	58.25 1.78 0.00	63.58 2.20 0.00	55.62 1.91 0.00	74.53 2.06 0.00	80.42 2.06 0.00	68.19 1.60 0.00
STILLWATER___SOLAR 323814	37.68 1.21 0.00	37.32 1.17 0.00	38.26 1.23 0.00	37.11 1.20 0.00	35.72 1.11 0.00	38.94 1.33 0.00	44.88 1.68 0.00	69.60 2.91 0.00	75.38 3.14 0.00	70.20 2.27 0.00	76.30 2.28 0.00	60.22 1.60 0.00	49.33 1.31 0.00	49.88 1.25 0.00	51.28 1.35 0.00	53.24 1.32 0.00	57.52 1.67 0.00	66.03 2.36 0.00	58.85 2.38 0.00	63.95 2.58 0.00	55.93 2.22 0.00	74.96 2.49 0.00	80.83 2.47 0.00	68.66 2.07 0.00
STONY___BROOK 24151	36.31 1.68 1.83	37.30 1.15 0.00	37.95 0.92 0.00	36.76 0.85 0.00	34.94 0.33 0.00	35.81 0.13 1.93	36.42 0.25 7.02	67.57 0.89 0.00	44.60 0.62 28.27	21.06 0.74 47.61	50.83 0.40 23.60	48.61 0.70 10.71	18.38 0.41 30.05	12.68 0.31 36.26	21.48 0.31 28.77	18.89 0.48 33.51	21.62 0.49 34.71	65.16 1.50 0.00	58.45 1.99 0.00	31.15 1.91 32.14	54.88 1.76 0.59	58.36 0.90 15.01	58.51 0.37 20.21	54.14 0.23 12.68
STURGEON_POOL_HYD 23609	37.60 1.13 0.00	37.11 0.95 0.00	37.97 0.94 0.00	36.87 0.96 0.00	35.51 0.90 0.00	38.65 1.05 0.00	44.47 1.27 0.00	68.92 2.23 0.00	74.72 2.47 0.00	70.04 2.12 0.00	76.21 2.19 0.00	60.29 1.67 0.00	49.34 1.32 0.00	50.01 1.38 0.00	51.31 1.37 0.00	53.42 1.50 0.00	57.43 1.59 0.00	65.51 1.84 0.00	58.54 2.08 0.00	63.83 2.46 0.00	55.91 2.20 0.00	74.57 2.09 0.00	80.57 2.21 0.00	68.47 1.89 0.00
ST_LAW_115_BK7_LBMP 345037	36.46 0.00 0.00	36.17 0.02 0.00	37.07 0.04 0.00	35.92 0.00 0.00	34.58 -0.03 0.00	37.50 -0.10 0.00	42.95 -0.25 0.00	65.99 -0.70 0.00	71.43 -0.82 0.00	67.56 -0.37 0.00	73.83 -0.20 0.00	58.60 -0.02 0.00	48.06 0.04 0.00	48.66 0.03 0.00	49.96 0.02 0.00	51.98 0.06 0.00	55.95 0.11 0.00	63.66 0.00 0.00	55.92 -0.54 0.00	60.68 -0.69 0.00	52.97 -0.74 0.00	72.44 -0.04 0.00	78.39 0.02 0.00	66.48 -0.11 0.00

ST_LAW_115_BK8_LBMP 345038	36.46 0.00 0.00	36.17 0.02 0.00	37.07 0.04 0.00	35.92 0.00 0.00	34.58 -0.03 0.00	37.50 -0.10 0.00	42.95 -0.25 0.00	65.99 -0.70 0.00	71.43 -0.82 0.00	67.56 -0.37 0.00	73.83 -0.20 0.00	58.60 -0.02 0.00	48.06 0.04 0.00	48.66 0.03 0.00	49.96 0.02 0.00	51.98 0.06 0.00	55.95 0.11 0.00	63.66 0.00 0.00	55.92 -0.54 0.00	60.68 -0.69 0.00	52.97 -0.74 0.00	72.44 -0.04 0.00	78.39 0.02 0.00	66.48 -0.11 0.00
ST_LAW_230_BK5_LBMP 345035	36.47 0.01 0.00	36.18 0.03 0.00	37.07 0.04 0.00	35.92 0.01 0.00	34.59 -0.02 0.00	37.53 -0.08 0.00	42.99 -0.20 0.00	66.08 -0.61 0.00	71.54 -0.70 0.00	67.63 -0.30 0.00	73.89 -0.13 0.00	58.63 0.01 0.00	48.09 0.06 0.00	48.68 0.05 0.00	49.97 0.03 0.00	51.99 0.07 0.00	55.95 0.11 0.00	63.68 0.02 0.00	56.00 -0.46 0.00	60.76 -0.62 0.00	53.09 -0.63 0.00	72.48 0.00 0.00	78.45 0.09 0.00	66.53 -0.06 0.00
ST_LAW_230_BK6_LBMP 345036	36.47 0.01 0.00	36.18 0.03 0.00	37.07 0.04 0.00	35.92 0.01 0.00	34.59 -0.02 0.00	37.53 -0.08 0.00	42.99 -0.20 0.00	66.08 -0.61 0.00	71.54 -0.70 0.00	67.63 -0.30 0.00	73.89 -0.13 0.00	58.63 0.01 0.00	48.09 0.06 0.00	48.68 0.05 0.00	49.97 0.03 0.00	51.99 0.07 0.00	55.95 0.11 0.00	63.68 0.02 0.00	56.00 -0.46 0.00	60.76 -0.62 0.00	53.09 -0.63 0.00	72.48 0.00 0.00	78.45 0.09 0.00	66.53 -0.06 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.38 0.91 0.00	36.92 0.77 0.00	37.81 0.78 0.00	36.73 0.81 0.00	35.37 0.75 0.00	38.48 0.87 0.00	44.20 1.00 0.00	68.45 1.77 0.00	74.13 1.89 0.00	69.45 1.52 0.00	75.46 1.44 0.00	59.81 1.19 0.00	48.98 0.96 0.00	49.65 1.02 0.00	50.97 1.03 0.00	53.08 1.16 0.00	57.02 1.18 0.00	65.05 1.38 0.00	58.12 1.66 0.00	63.45 2.07 0.00	55.53 1.82 0.00	74.05 1.57 0.00	79.96 1.60 0.00	67.98 1.39 0.00
SWANROAD_115KV_TB1 355699	35.41 -1.05 0.00	35.39 -0.76 0.00	36.10 -0.93 0.00	34.71 -1.21 0.00	33.71 -0.90 0.00	36.21 -1.39 0.00	41.30 -1.89 0.00	63.93 -2.75 0.00	69.16 -3.08 0.00	66.21 -1.72 0.00	73.08 -0.95 0.00	57.77 -0.85 0.00	47.03 -1.00 0.00	47.24 -1.39 0.00	48.51 -1.43 0.00	50.27 -1.65 0.00	53.62 -2.23 0.00	60.48 -3.19 0.00	53.79 -2.67 0.00	58.59 -2.79 0.00	51.46 -2.25 0.00	69.62 -2.86 0.00	75.85 -2.51 0.00	64.30 -2.30 0.00
SYNERGY___BIOGAS 323694	36.91 0.45 0.00	36.81 0.65 0.00	37.55 0.52 0.00	36.18 0.26 0.00	35.12 0.51 0.00	37.88 0.27 0.00	43.45 0.26 0.00	67.45 0.76 0.00	73.08 0.83 0.00	69.61 1.68 0.00	76.40 2.38 0.00	60.39 1.77 0.00	49.21 1.18 0.00	49.41 0.79 0.00	50.69 0.75 0.00	52.69 0.77 0.00	56.35 0.51 0.00	63.68 0.02 0.00	56.69 0.22 0.00	61.77 0.39 0.00	54.20 0.49 0.00	73.04 0.56 0.00	79.22 0.86 0.00	67.05 0.46 0.00
SYRACUSE___ENERGY_ST1 323597	36.47 0.01 0.00	36.20 0.04 0.00	37.05 0.02 0.00	35.92 0.01 0.00	34.72 0.10 0.00	37.70 0.10 0.00	43.41 0.22 0.00	67.20 0.52 0.00	72.72 0.48 0.00	68.42 0.49 0.00	74.58 0.55 0.00	59.05 0.44 0.00	48.35 0.32 0.00	48.92 0.29 0.00	50.22 0.28 0.00	52.17 0.25 0.00	56.08 0.23 0.00	63.83 0.16 0.00	56.76 0.30 0.00	61.79 0.41 0.00	54.07 0.35 0.00	72.69 0.21 0.00	78.56 0.20 0.00	66.79 0.20 0.00
SYRACUSE___ENERGY_ST2 323598	36.47 0.01 0.00	36.20 0.04 0.00	37.05 0.02 0.00	35.92 0.01 0.00	34.72 0.10 0.00	37.70 0.10 0.00	43.41 0.22 0.00	67.20 0.52 0.00	72.72 0.48 0.00	68.42 0.49 0.00	74.58 0.55 0.00	59.05 0.44 0.00	48.35 0.32 0.00	48.92 0.29 0.00	50.22 0.28 0.00	52.17 0.25 0.00	56.08 0.23 0.00	63.83 0.16 0.00	56.76 0.30 0.00	61.79 0.41 0.00	54.07 0.35 0.00	72.69 0.21 0.00	78.56 0.20 0.00	66.79 0.20 0.00
SYRACUSE___POWER 24017	36.51 0.05 0.00	36.22 0.07 0.00	37.08 0.05 0.00	35.94 0.03 0.00	34.71 0.10 0.00	37.71 0.10 0.00	43.41 0.22 0.00	67.21 0.52 0.00	72.76 0.51 0.00	68.44 0.51 0.00	74.61 0.59 0.00	59.06 0.44 0.00	48.36 0.34 0.00	48.92 0.29 0.00	50.25 0.31 0.00	52.22 0.30 0.00	56.13 0.29 0.00	63.88 0.21 0.00	56.82 0.36 0.00	61.85 0.47 0.00	54.12 0.41 0.00	72.73 0.26 0.00	78.61 0.25 0.00	66.79 0.20 0.00
TALLMAN___138KV_BK151 55660	37.48 1.01 0.00	36.98 0.83 0.00	37.86 0.84 0.00	36.79 0.87 0.00	35.42 0.81 0.00	38.55 0.95 0.00	44.25 1.05 0.00	68.56 1.87 0.00	74.24 2.00 0.00	69.54 1.62 0.00	75.58 1.55 0.00	59.92 1.30 0.00	49.08 1.05 0.00	49.76 1.13 0.00	51.08 1.14 0.00	53.22 1.30 0.00	57.13 1.29 0.00	65.16 1.50 0.00	58.28 1.82 0.00	63.64 2.27 0.00	55.69 1.97 0.00	74.14 1.66 0.00	80.10 1.74 0.00	68.08 1.49 0.00
TEALLAVE_115KV_TB7 355573	36.33 -0.14 0.00	36.03 -0.12 0.00	36.88 -0.15 0.00	35.76 -0.16 0.00	34.53 -0.08 0.00	37.51 -0.10 0.00	43.16 -0.03 0.00	66.84 0.15 0.00	72.38 0.14 0.00	68.08 0.15 0.00	74.24 0.21 0.00	58.76 0.14 0.00	48.10 0.08 0.00	48.67 0.04 0.00	50.00 0.06 0.00	51.92 0.00 0.00	55.81 -0.03 0.00	63.53 -0.14 0.00	56.48 0.02 0.00	61.49 0.11 0.00	53.80 0.09 0.00	72.32 -0.15 0.00	78.19 -0.17 0.00	66.45 -0.14 0.00
TELGRAPH_34_KV_EAST 80808	36.20 -0.27 0.00	36.14 -0.01 0.00	36.87 -0.16 0.00	35.48 -0.44 0.00	34.45 -0.16 0.00	37.08 -0.53 0.00	42.40 -0.79 0.00	65.74 -0.96 0.00	71.18 -1.06 0.00	67.96 0.04 0.00	74.82 0.80 0.00	59.15 0.53 0.00	48.18 0.16 0.00	48.42 -0.21 0.00	49.72 -0.23 0.00	51.57 -0.35 0.00	55.07 -0.77 0.00	62.16 -1.51 0.00	55.31 -1.16 0.00	60.25 -1.13 0.00	52.89 -0.82 0.00	71.41 -1.07 0.00	77.61 -0.75 0.00	65.76 -0.84 0.00
TEMPLE___115KV_TB 2 55572	36.34 -0.12 0.00	36.05 -0.10 0.00	36.90 -0.12 0.00	35.77 -0.14 0.00	34.55 -0.07 0.00	37.53 -0.08 0.00	43.18 -0.02 0.00	66.88 0.19 0.00	72.42 0.17 0.00	68.11 0.18 0.00	74.27 0.24 0.00	58.81 0.19 0.00	48.14 0.11 0.00	48.71 0.08 0.00	50.01 0.07 0.00	51.96 0.04 0.00	55.86 0.01 0.00	63.56 -0.11 0.00	56.53 0.06 0.00	61.51 0.14 0.00	53.85 0.14 0.00	72.36 -0.11 0.00	78.23 -0.13 0.00	66.48 -0.11 0.00
TIANA____69_KV_BK 1 55817	36.40 1.84 1.90	37.34 1.19 0.00	38.05 1.02 0.00	36.88 0.97 0.00	34.79 0.18 0.00	35.55 -0.12 1.94	36.30 0.16 7.06	67.55 0.86 0.00	44.17 0.33 28.41	20.65 0.57 47.84	50.15 -0.16 23.71	47.88 0.04 10.78	17.69 -0.11 30.23	11.63 -0.51 36.49	20.47 -0.55 28.91	17.93 -0.31 33.68	20.74 -0.19 34.91	65.11 1.45 0.00	58.33 1.87 0.00	30.48 1.47 32.37	54.48 1.36 0.59	57.65 0.28 15.10	57.72 -0.33 20.32	53.29 -0.56 12.74
TILDEN___115KV_TB1 80814	36.51 0.05 0.00	36.22 0.07 0.00	37.08 0.05 0.00	35.94 0.03 0.00	34.71 0.10 0.00	37.71 0.10 0.00	43.41 0.22 0.00	67.21 0.52 0.00	72.76 0.51 0.00	68.44 0.51 0.00	74.61 0.59 0.00	59.06 0.44 0.00	48.36 0.34 0.00	48.92 0.29 0.00	50.25 0.31 0.00	52.22 0.30 0.00	56.13 0.29 0.00	63.88 0.21 0.00	56.82 0.36 0.00	61.85 0.47 0.00	54.12 0.41 0.00	72.73 0.26 0.00	78.61 0.25 0.00	66.79 0.20 0.00

TRIGEN___CC 323695	47.03 1.61 -8.96	37.38 1.20 -0.02	38.04 1.00 -0.01	36.90 0.98 0.00	35.31 0.70 0.00	37.99 0.71 0.32	42.88 0.85 1.17	68.43 1.74 0.00	70.15 1.84 3.93	62.68 1.56 6.81	71.74 1.46 3.75	61.10 1.59 -0.90	48.85 1.15 0.32	52.76 1.12 -3.02	47.02 1.06 3.98	48.39 1.22 4.76	56.69 1.29 0.44	65.52 1.84 -0.01	58.63 2.15 -0.01	70.03 2.46 -6.19	56.11 2.27 -0.13	74.79 1.69 -0.62	76.93 1.54 2.97	65.86 1.38 2.11
TRINITY___115KV___4 BK 55933	36.71 0.24 0.00	36.40 0.25 0.00	37.31 0.28 0.00	36.22 0.30 0.00	34.81 0.20 0.00	37.88 0.28 0.00	43.50 0.30 0.00	67.32 0.64 0.00	72.91 0.66 0.00	68.12 0.19 0.00	73.98 -0.04 0.00	58.42 -0.20 0.00	47.88 -0.14 0.00	48.54 -0.09 0.00	49.94 0.00 0.00	51.86 -0.06 0.00	55.97 0.12 0.00	64.09 0.42 0.00	57.05 0.59 0.00	61.97 0.59 0.00	54.23 0.52 0.00	72.67 0.20 0.00	78.45 0.09 0.00	66.67 0.08 0.00
UNION___PROCESSING_DRP 323587	36.48 0.02 0.00	36.30 0.15 0.00	37.09 0.06 0.00	35.81 -0.11 0.00	34.69 0.07 0.00	37.49 -0.11 0.00	43.05 -0.14 0.00	66.75 0.06 0.00	72.29 0.04 0.00	68.50 0.57 0.00	75.01 0.99 0.00	59.35 0.74 0.00	48.48 0.46 0.00	48.86 0.23 0.00	50.16 0.23 0.00	52.08 0.16 0.00	55.84 -0.01 0.00	63.27 -0.40 0.00	56.22 -0.24 0.00	61.23 -0.14 0.00	53.68 -0.03 0.00	72.26 -0.22 0.00	78.27 -0.09 0.00	66.37 -0.22 0.00
UPPER HUDSON___HYD 24058	38.03 1.57 0.00	37.61 1.46 0.00	38.56 1.53 0.00	37.42 1.50 0.00	36.06 1.45 0.00	39.35 1.74 0.00	45.47 2.28 0.00	70.66 3.97 0.00	76.66 4.42 0.00	71.06 3.14 0.00	77.31 3.28 0.00	60.96 2.34 0.00	49.93 1.91 0.00	50.51 1.88 0.00	51.83 1.88 0.00	53.82 1.90 0.00	58.23 2.38 0.00	66.89 3.22 0.00	59.59 3.13 0.00	64.68 3.30 0.00	56.57 2.86 0.00	75.69 3.21 0.00	81.61 3.25 0.00	69.36 2.77 0.00
UPPER RAQUET___HYD 24056	36.13 -0.33 0.00	35.84 -0.31 0.00	36.77 -0.26 0.00	35.67 -0.25 0.00	34.35 -0.27 0.00	37.31 -0.30 0.00	42.59 -0.61 0.00	65.45 -1.24 0.00	70.82 -1.42 0.00	67.26 -0.67 0.00	73.68 -0.35 0.00	58.45 -0.17 0.00	47.86 -0.16 0.00	48.39 -0.24 0.00	49.69 -0.25 0.00	51.72 -0.20 0.00	55.73 -0.12 0.00	63.51 -0.16 0.00	55.50 -0.96 0.00	60.22 -1.16 0.00	52.36 -1.35 0.00	71.96 -0.51 0.00	77.77 -0.59 0.00	65.85 -0.74 0.00
VALLEY44_115KV_TB2 355964	37.74 1.27 0.00	37.77 1.61 0.00	38.61 1.58 0.00	37.30 1.38 0.00	36.29 1.68 0.00	38.90 1.30 0.00	44.16 0.96 0.00	68.58 1.88 0.00	74.04 1.80 0.00	70.33 2.41 0.00	76.89 2.86 0.00	61.00 2.38 0.00	49.97 1.95 0.00	50.47 1.84 0.00	51.84 1.90 0.00	53.68 1.76 0.00	57.55 1.70 0.00	64.81 1.14 0.00	57.50 1.04 0.00	62.73 1.36 0.00	54.96 1.25 0.00	73.71 1.23 0.00	79.84 1.48 0.00	67.90 1.31 0.00
VALLEY___115KV_TB 1-4 80826	36.03 -0.44 0.00	35.67 -0.48 0.00	36.55 -0.48 0.00	35.53 -0.39 0.00	34.21 -0.41 0.00	37.30 -0.31 0.00	42.97 -0.23 0.00	66.73 0.04 0.00	72.41 0.17 0.00	67.29 -0.64 0.00	72.73 -1.30 0.00	57.40 -1.22 0.00	46.94 -1.08 0.00	47.36 -1.27 0.00	48.70 -1.24 0.00	50.31 -1.61 0.00	54.33 -1.52 0.00	62.61 -1.06 0.00	56.22 -0.25 0.00	61.17 -0.21 0.00	53.49 -0.22 0.00	71.58 -0.90 0.00	77.04 -1.32 0.00	65.55 -1.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.15 1.69 0.00	37.81 1.65 0.00	38.73 1.70 0.00	37.59 1.67 0.00	36.28 1.66 0.00	39.45 1.84 0.00	45.42 2.22 0.00	70.17 3.48 0.00	76.09 3.85 0.00	71.39 3.47 0.00	77.65 3.63 0.00	61.40 2.79 0.00	50.30 2.27 0.00	50.85 2.22 0.00	52.15 2.21 0.00	54.22 2.30 0.00	58.28 2.43 0.00	66.36 2.70 0.00	59.13 2.66 0.00	64.55 3.17 0.00	56.50 2.79 0.00	75.75 3.27 0.00	81.84 3.48 0.00	69.53 2.94 0.00
VISCHER___FERRY HYD 24020	37.08 0.61 0.00	36.77 0.62 0.00	37.70 0.67 0.00	36.58 0.66 0.00	35.15 0.54 0.00	38.30 0.69 0.00	44.05 0.85 0.00	68.27 1.58 0.00	73.93 1.68 0.00	68.96 1.04 0.00	74.93 0.90 0.00	59.12 0.51 0.00	48.47 0.44 0.00	49.11 0.47 0.00	50.49 0.55 0.00	52.42 0.50 0.00	56.60 0.75 0.00	64.92 1.25 0.00	57.82 1.36 0.00	62.82 1.44 0.00	54.96 1.24 0.00	73.69 1.21 0.00	79.50 1.14 0.00	67.55 0.96 0.00
V_A_10_SYNC_DSASP 323832	36.14 -0.32 0.00	36.06 -0.09 0.00	36.82 -0.21 0.00	35.51 -0.41 0.00	34.43 -0.18 0.00	37.07 -0.53 0.00	42.37 -0.82 0.00	65.66 -1.03 0.00	71.05 -1.20 0.00	67.59 -0.34 0.00	74.18 0.16 0.00	58.70 0.09 0.00	47.93 -0.09 0.00	48.26 -0.37 0.00	49.56 -0.37 0.00	51.40 -0.52 0.00	55.01 -0.84 0.00	62.11 -1.55 0.00	55.23 -1.24 0.00	60.15 -1.23 0.00	52.79 -0.92 0.00	71.10 -1.38 0.00	77.28 -1.08 0.00	65.58 -1.01 0.00
V_CMM_10_SYNC_DSASP 323787	36.58 0.12 0.00	36.29 0.13 0.00	37.18 0.15 0.00	36.03 0.12 0.00	34.69 0.07 0.00	37.63 0.02 0.00	43.08 -0.11 0.00	66.20 -0.49 0.00	71.50 -0.75 0.00	67.63 -0.30 0.00	73.90 -0.12 0.00	58.66 0.04 0.00	48.18 0.16 0.00	48.89 0.26 0.00	50.20 0.27 0.00	52.24 0.33 0.00	56.24 0.39 0.00	63.99 0.32 0.00	56.08 -0.39 0.00	60.99 -0.39 0.00	53.35 -0.36 0.00	72.83 0.35 0.00	78.62 0.26 0.00	66.61 0.02 0.00
V_CMP_10_SYNC_DSASP 323788	37.36 0.90 0.00	36.99 0.84 0.00	37.99 0.96 0.00	36.90 0.98 0.00	35.61 1.00 0.00	38.77 1.16 0.00	44.44 1.24 0.00	68.28 1.59 0.00	73.84 1.59 0.00	69.38 1.46 0.00	75.70 1.67 0.00	59.99 1.38 0.00	49.28 1.25 0.00	49.81 1.19 0.00	51.06 1.12 0.00	53.11 1.19 0.00	57.45 1.60 0.00	65.53 1.86 0.00	57.68 1.22 0.00	62.28 0.91 0.00	54.98 1.27 0.00	74.22 1.75 0.00	80.29 1.93 0.00	68.07 1.48 0.00
V_D_10_SYNC_DSASP 323841	36.89 0.42 0.00	36.59 0.44 0.00	37.49 0.46 0.00	36.34 0.43 0.00	35.00 0.38 0.00	37.95 0.35 0.00	43.31 0.12 0.00	66.52 -0.17 0.00	72.02 -0.22 0.00	68.35 0.42 0.00	74.73 0.71 0.00	59.34 0.72 0.00	48.68 0.66 0.00	49.24 0.61 0.00	50.56 0.62 0.00	52.60 0.68 0.00	56.62 0.78 0.00	64.43 0.76 0.00	56.41 -0.05 0.00	61.20 -0.18 0.00	53.05 -0.66 0.00	73.05 0.57 0.00	79.07 0.71 0.00	67.03 0.44 0.00
V_E_10_SYNC_DSASP 323830	37.35 0.89 0.00	37.33 1.18 0.00	38.43 1.40 0.00	37.41 1.49 0.00	36.31 1.70 0.00	39.71 2.11 0.00	45.99 2.80 0.00	71.36 4.67 0.00	77.39 5.15 0.00	72.62 4.69 0.00	79.85 5.82 0.00	63.31 4.69 0.00	52.14 4.12 0.00	52.49 3.86 0.00	53.92 3.98 0.00	56.46 4.54 0.00	60.69 4.84 0.00	69.04 5.38 0.00	61.73 5.26 0.00	67.55 6.17 0.00	59.11 5.40 0.00	79.03 6.55 0.00	85.19 6.83 0.00	72.20 5.61 0.00
V_F_30_NSYNC___DSASP 323816	37.74 1.28 0.00	37.39 1.24 0.00	38.33 1.30 0.00	37.17 1.26 0.00	35.79 1.18 0.00	39.02 1.41 0.00	44.97 1.77 0.00	69.72 3.03 0.00	75.53 3.28 0.00	70.35 2.43 0.00	76.49 2.47 0.00	60.37 1.75 0.00	49.45 1.43 0.00	50.00 1.37 0.00	51.42 1.48 0.00	53.38 1.46 0.00	57.63 1.78 0.00	66.15 2.48 0.00	58.93 2.47 0.00	64.05 2.67 0.00	56.03 2.32 0.00	75.11 2.63 0.00	80.98 2.62 0.00	68.78 2.19 0.00

V_F_30_SYNC_DSASP 323786	36.85 0.39 0.00	36.54 0.39 0.00	37.44 0.41 0.00	36.36 0.44 0.00	34.95 0.33 0.00	38.04 0.43 0.00	43.69 0.49 0.00	67.63 0.94 0.00	73.26 1.01 0.00	68.43 0.50 0.00	74.36 0.33 0.00	58.72 0.11 0.00	48.12 0.10 0.00	48.75 0.12 0.00	50.17 0.23 0.00	52.10 0.18 0.00	56.23 0.38 0.00	64.38 0.71 0.00	57.31 0.84 0.00	62.26 0.88 0.00	54.46 0.75 0.00	72.98 0.50 0.00	78.77 0.41 0.00	66.94 0.35 0.00
V_XM_10_SYNC_DSASP 323789	37.36 0.90 0.00	36.99 0.84 0.00	37.99 0.96 0.00	36.90 0.98 0.00	35.61 1.00 0.00	38.77 1.16 0.00	44.44 1.24 0.00	68.28 1.59 0.00	73.84 1.59 0.00	69.38 1.46 0.00	75.70 1.67 0.00	59.99 1.38 0.00	49.28 1.25 0.00	49.81 1.19 0.00	51.06 1.12 0.00	53.11 1.19 0.00	57.45 1.60 0.00	65.53 1.86 0.00	57.68 1.22 0.00	62.28 0.91 0.00	54.98 1.27 0.00	74.22 1.75 0.00	80.29 1.93 0.00	68.07 1.48 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.60 1.13 0.00	37.11 0.96 0.00	38.00 0.97 0.00	36.91 0.99 0.00	35.54 0.93 0.00	38.68 1.07 0.00	44.41 1.21 0.00	68.82 2.13 0.00	74.56 2.32 0.00	69.85 1.92 0.00	75.90 1.88 0.00	60.17 1.55 0.00	49.28 1.26 0.00	49.97 1.34 0.00	51.29 1.35 0.00	53.42 1.51 0.00	57.38 1.53 0.00	65.42 1.76 0.00	58.53 2.07 0.00	63.90 2.52 0.00	55.92 2.20 0.00	74.45 1.98 0.00	80.44 2.08 0.00	68.39 1.80 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.93 1.47 0.00	37.41 1.25 0.00	38.26 1.23 0.00	37.19 1.27 0.00	35.80 1.18 0.00	38.98 1.37 0.00	44.83 1.64 0.00	69.56 2.87 0.00	75.57 3.33 0.00	70.73 2.80 0.00	76.86 2.83 0.00	60.96 2.34 0.00	49.88 1.86 0.00	50.59 1.96 0.00	51.92 1.98 0.00	54.09 2.17 0.00	58.05 2.20 0.00	66.21 2.55 0.00	59.18 2.72 0.00	64.57 3.19 0.00	56.62 2.91 0.00	75.36 2.89 0.00	81.44 3.08 0.00	69.25 2.65 0.00
W50THST__13_KV_LOAD 356117	38.12 1.66 0.00	37.59 1.44 0.00	38.47 1.45 0.00	37.42 1.50 0.00	36.03 1.41 0.00	39.24 1.63 0.00	45.14 1.94 0.00	70.06 3.37 0.00	76.14 3.90 0.00	71.33 3.41 0.00	77.52 3.50 0.00	61.49 2.87 0.00	50.33 2.30 0.00	51.02 2.40 0.00	52.38 2.44 0.00	54.56 2.64 0.00	58.55 2.70 0.00	66.74 3.08 0.00	59.64 3.18 0.00	65.04 3.66 0.00	57.01 3.30 0.00	75.87 3.40 0.00	81.95 3.59 0.00	69.68 3.08 0.00
WADING RIVER_IC_1 23522	35.91 1.35 1.91	36.92 0.77 0.00	37.58 0.56 0.00	36.42 0.50 0.00	34.52 -0.09 0.00	35.32 -0.35 1.94	35.89 -0.24 7.06	66.80 0.11 0.00	43.27 -0.55 28.43	19.75 -0.30 47.88	49.38 -0.92 23.73	47.44 -0.39 10.78	17.29 -0.48 30.25	11.39 -0.73 36.52	20.27 -0.74 28.93	17.67 -0.54 33.70	20.40 -0.51 34.94	64.87 1.20 0.00	58.14 1.68 0.00	30.07 1.09 32.40	54.14 1.03 0.59	57.24 -0.12 15.11	57.29 -0.75 20.33	52.88 -0.97 12.74
WADING RIVER_IC_2 23547	35.91 1.35 1.91	36.92 0.77 0.00	37.58 0.56 0.00	36.42 0.50 0.00	34.52 -0.09 0.00	35.32 -0.35 1.94	35.89 -0.24 7.06	66.80 0.11 0.00	43.27 -0.55 28.43	19.75 -0.30 47.88	49.38 -0.92 23.73	47.44 -0.39 10.78	17.29 -0.48 30.25	11.39 -0.73 36.52	20.27 -0.74 28.93	17.67 -0.54 33.70	20.40 -0.51 34.94	64.87 1.20 0.00	58.14 1.68 0.00	30.07 1.09 32.40	54.14 1.03 0.59	57.24 -0.12 15.11	57.29 -0.75 20.33	52.88 -0.97 12.74
WADING RIVER_IC_3 23601	35.91 1.35 1.91	36.92 0.77 0.00	37.58 0.56 0.00	36.42 0.50 0.00	34.52 -0.09 0.00	35.32 -0.35 1.94	35.89 -0.24 7.06	66.80 0.11 0.00	43.27 -0.55 28.43	19.75 -0.30 47.88	49.38 -0.92 23.73	47.44 -0.39 10.78	17.29 -0.48 30.25	11.39 -0.73 36.52	20.27 -0.74 28.93	17.67 -0.54 33.70	20.40 -0.51 34.94	64.87 1.20 0.00	58.14 1.68 0.00	30.07 1.09 32.40	54.14 1.03 0.59	57.24 -0.12 15.11	57.29 -0.75 20.33	52.88 -0.97 12.74
WALDENNY_12_KV_BK2 80841	36.76 0.29 0.00	36.75 0.60 0.00	37.47 0.44 0.00	36.07 0.15 0.00	35.06 0.44 0.00	37.65 0.05 0.00	43.05 -0.14 0.00	66.79 0.10 0.00	72.31 0.06 0.00	69.06 1.13 0.00	76.07 2.05 0.00	60.22 1.60 0.00	49.06 1.04 0.00	49.33 0.70 0.00	50.53 0.59 0.00	52.26 0.35 0.00	55.94 0.10 0.00	63.18 -0.48 0.00	56.25 -0.21 0.00	61.18 -0.19 0.00	53.74 0.02 0.00	72.47 -0.01 0.00	78.67 0.31 0.00	66.66 0.07 0.00
WALDEN__HYDRO 24148	37.60 1.13 0.00	37.12 0.97 0.00	38.00 0.97 0.00	36.91 0.99 0.00	35.54 0.93 0.00	38.69 1.09 0.00	44.48 1.28 0.00	68.92 2.23 0.00	74.68 2.44 0.00	69.94 2.01 0.00	75.99 1.96 0.00	60.21 1.59 0.00	49.28 1.26 0.00	49.95 1.33 0.00	51.26 1.32 0.00	53.39 1.47 0.00	57.38 1.53 0.00	65.49 1.82 0.00	58.53 2.07 0.00	63.87 2.49 0.00	55.92 2.21 0.00	74.57 2.09 0.00	80.51 2.15 0.00	68.42 1.83 0.00
WARRENSBURG____ 23737	38.03 1.57 0.00	37.61 1.46 0.00	38.56 1.53 0.00	37.42 1.50 0.00	36.06 1.45 0.00	39.35 1.74 0.00	45.47 2.27 0.00	70.66 3.97 0.00	76.66 4.42 0.00	71.07 3.14 0.00	77.31 3.28 0.00	60.96 2.34 0.00	49.93 1.91 0.00	50.51 1.88 0.00	51.83 1.89 0.00	53.82 1.90 0.00	58.23 2.38 0.00	66.89 3.22 0.00	59.59 3.13 0.00	64.68 3.30 0.00	56.58 2.87 0.00	75.68 3.20 0.00	81.61 3.25 0.00	69.36 2.77 0.00
WATERSIDE____6 8 9 23538	35.49 1.55 2.53	34.63 1.33 2.86	35.68 1.27 2.63	34.46 1.28 2.73	32.69 1.19 3.11	36.41 1.38 2.58	43.40 1.67 1.46	66.64 2.95 2.99	73.24 3.41 2.41	66.92 2.90 3.91	74.24 2.93 2.71	55.40 2.42 5.64	46.86 1.93 3.09	44.50 2.01 6.14	45.60 2.05 6.38	47.88 2.24 6.27	54.11 2.30 4.03	66.80 2.62 -0.52	54.92 2.78 4.32	59.70 3.25 4.93	50.18 2.98 6.52	72.57 2.97 2.88	79.48 3.17 2.05	66.78 2.70 2.51
WATKINRD_115KV_LN8_ILLION 55919	35.93 -0.53 0.00	35.58 -0.58 0.00	36.45 -0.58 0.00	35.43 -0.48 0.00	34.10 -0.51 0.00	37.25 -0.36 0.00	42.97 -0.23 0.00	66.84 0.15 0.00	72.55 0.31 0.00	67.13 -0.80 0.00	72.33 -1.70 0.00	56.95 -1.67 0.00	46.56 -1.46 0.00	46.86 -1.77 0.00	48.21 -1.73 0.00	49.67 -2.25 0.00	53.71 -2.14 0.00	62.17 -1.50 0.00	56.12 -0.34 0.00	61.13 -0.24 0.00	53.45 -0.26 0.00	71.36 -1.12 0.00	76.64 -1.72 0.00	65.22 -1.37 0.00
WATSON__69_KV_BK 1 55734	37.34 2.14 1.26	37.78 1.63 0.00	38.43 1.40 0.00	37.22 1.31 0.00	35.40 0.79 0.00	36.40 0.66 1.86	37.27 0.86 6.78	68.56 1.87 0.00	46.80 1.81 27.25	23.80 1.79 45.91	52.82 1.58 22.78	50.01 1.60 10.20	20.38 1.15 28.79	15.08 1.02 34.57	23.27 1.07 27.74	20.88 1.28 32.32	23.90 1.32 33.25	65.99 2.32 0.00	59.17 2.71 0.00	33.72 2.82 30.47	55.72 2.56 0.56	60.12 1.99 14.34	60.48 1.62 19.50	55.72 1.37 12.24
WDELAWARE__HYD 323627	38.47 2.00 0.00	38.01 1.86 0.00	38.95 1.92 0.00	37.82 1.91 0.00	36.47 1.85 0.00	39.70 2.10 0.00	45.65 2.46 0.00	70.71 4.02 0.00	76.55 4.30 0.00	71.75 3.83 0.00	78.05 4.03 0.00	61.81 3.19 0.00	50.58 2.56 0.00	51.03 2.40 0.00	52.12 2.18 0.00	54.16 2.24 0.00	58.25 2.41 0.00	66.48 2.82 0.00	59.43 2.97 0.00	64.86 3.49 0.00	56.76 3.06 0.00	75.76 3.28 0.00	81.73 3.37 0.00	69.42 2.82 0.00

WEST BABYLON___IC 23714	38.52 2.06 0.00	37.73 1.58 0.00	38.37 1.34 0.00	37.18 1.26 0.00	35.35 0.74 0.00	36.54 0.63 1.70	37.82 0.80 6.18	68.41 1.73 0.00	49.24 1.76 24.77	27.83 1.64 41.74	54.75 1.47 20.75	51.20 1.55 8.97	23.46 1.09 25.65	19.26 0.99 30.37	25.76 1.03 25.20	23.74 1.20 29.38	27.43 1.26 29.67	65.80 2.13 0.00	58.97 2.50 0.00	37.69 2.63 26.32	55.64 2.41 0.48	61.65 1.86 12.69	62.21 1.58 17.73	56.92 1.48 11.16
WEST CANADA___HYD 24049	36.41 -0.05 0.00	36.10 -0.06 0.00	36.99 -0.04 0.00	35.88 -0.04 0.00	34.58 -0.03 0.00	37.61 0.00 0.00	43.22 0.03 0.00	66.84 0.15 0.00	72.43 0.19 0.00	67.94 0.01 0.00	73.97 -0.05 0.00	58.56 -0.06 0.00	47.94 -0.08 0.00	48.58 -0.05 0.00	49.89 -0.05 0.00	51.86 -0.06 0.00	55.79 -0.06 0.00	63.67 0.00 0.00	56.59 0.13 0.00	61.56 0.19 0.00	53.88 0.17 0.00	72.48 0.00 0.00	78.35 -0.01 0.00	66.59 0.00 0.00
WESTERN_NY_WIND 24143	36.87 0.40 0.00	36.76 0.61 0.00	37.50 0.47 0.00	36.13 0.21 0.00	35.07 0.46 0.00	37.82 0.21 0.00	43.37 0.18 0.00	67.35 0.66 0.00	72.96 0.72 0.00	69.50 1.57 0.00	76.32 2.29 0.00	60.30 1.68 0.00	49.13 1.11 0.00	49.35 0.72 0.00	50.62 0.68 0.00	52.62 0.70 0.00	56.26 0.42 0.00	63.60 -0.06 0.00	56.59 0.12 0.00	61.66 0.28 0.00	54.12 0.40 0.00	72.91 0.43 0.00	79.10 0.74 0.00	66.96 0.37 0.00
WESTOVER___LESR 323668	36.93 0.46 0.00	36.71 0.55 0.00	37.57 0.54 0.00	36.44 0.52 0.00	35.26 0.65 0.00	38.16 0.55 0.00	43.81 0.61 0.00	67.89 1.21 0.00	73.37 1.12 0.00	69.03 1.11 0.00	75.28 1.25 0.00	59.63 1.01 0.00	48.88 0.86 0.00	49.36 0.74 0.00	50.80 0.86 0.00	52.78 0.86 0.00	56.63 0.78 0.00	64.30 0.64 0.00	57.29 0.83 0.00	62.47 1.09 0.00	54.64 0.93 0.00	73.29 0.81 0.00	79.19 0.82 0.00	67.30 0.71 0.00
WETHRSFD_WT_PWR 323626	35.54 -0.92 0.00	35.69 -0.46 0.00	36.55 -0.48 0.00	35.41 -0.51 0.00	34.29 -0.32 0.00	36.93 -0.68 0.00	42.43 -0.77 0.00	65.95 -0.74 0.00	71.41 -0.83 0.00	67.68 -0.25 0.00	74.39 0.37 0.00	59.09 0.48 0.00	48.19 0.17 0.00	48.60 -0.03 0.00	50.21 0.27 0.00	52.23 0.31 0.00	55.70 -0.14 0.00	62.74 -0.93 0.00	55.89 -0.57 0.00	60.91 -0.46 0.00	53.41 -0.30 0.00	71.79 -0.69 0.00	77.79 -0.57 0.00	66.06 -0.53 0.00
WHAVSTOR_138KV_BK127 55557	37.45 0.99 0.00	36.97 0.81 0.00	37.85 0.82 0.00	36.76 0.85 0.00	35.40 0.78 0.00	38.53 0.92 0.00	44.20 1.00 0.00	68.48 1.79 0.00	74.19 1.95 0.00	69.48 1.56 0.00	75.48 1.46 0.00	59.85 1.24 0.00	49.04 1.01 0.00	49.71 1.08 0.00	51.03 1.09 0.00	53.15 1.23 0.00	57.07 1.22 0.00	65.10 1.43 0.00	58.21 1.75 0.00	63.55 2.17 0.00	55.62 1.91 0.00	74.08 1.60 0.00	80.06 1.70 0.00	68.13 1.54 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.45 0.99 0.00	36.97 0.81 0.00	37.85 0.82 0.00	36.76 0.85 0.00	35.40 0.78 0.00	38.53 0.92 0.00	44.20 1.00 0.00	68.48 1.79 0.00	74.19 1.95 0.00	69.48 1.56 0.00	75.48 1.46 0.00	59.85 1.24 0.00	49.04 1.01 0.00	49.71 1.08 0.00	51.03 1.09 0.00	53.15 1.23 0.00	57.07 1.22 0.00	65.10 1.43 0.00	58.21 1.75 0.00	63.55 2.17 0.00	55.62 1.91 0.00	74.08 1.60 0.00	80.06 1.70 0.00	68.13 1.54 0.00
WHITEHAL_115KV_TB1 80871	38.52 2.06 0.00	37.84 1.69 0.00	38.83 1.81 0.00	37.69 1.77 0.00	36.52 1.90 0.00	39.89 2.28 0.00	46.31 3.11 0.00	72.34 5.65 0.00	78.65 6.40 0.00	71.99 4.06 0.00	78.63 4.60 0.00	61.57 2.95 0.00	50.96 2.94 0.00	51.70 3.07 0.00	52.73 2.79 0.00	54.84 2.92 0.00	59.80 3.95 0.00	68.82 5.15 0.00	61.24 4.77 0.00	65.99 4.61 0.00	57.72 4.01 0.00	76.78 4.31 0.00	81.98 3.62 0.00	70.02 3.44 0.00
WHITEPLN_13_KV_LOAD 356215	38.17 1.71 0.00	37.64 1.48 0.00	38.46 1.42 0.00	37.34 1.42 0.00	35.94 1.33 0.00	39.14 1.53 0.00	45.05 1.86 0.00	69.97 3.28 0.00	75.95 3.70 0.00	71.16 3.24 0.00	77.31 3.29 0.00	61.27 2.66 0.00	50.17 2.15 0.00	50.84 2.21 0.00	52.18 2.24 0.00	54.37 2.46 0.00	58.39 2.54 0.00	66.66 2.99 0.00	59.57 3.11 0.00	64.96 3.58 0.00	56.91 3.20 0.00	75.79 3.31 0.00	81.81 3.45 0.00	69.47 2.88 0.00
WM_FLOYD_69_KV_BK2 356380	36.23 1.64 1.87	37.25 1.10 0.00	37.89 0.87 0.00	36.70 0.79 0.00	34.85 0.23 0.00	35.69 0.02 1.93	36.28 0.13 7.05	67.38 0.69 0.00	44.17 0.28 28.35	20.70 0.53 47.75	50.34 -0.01 23.67	48.22 0.35 10.75	18.05 0.18 30.16	12.14 -0.10 36.40	21.03 -0.05 28.86	18.47 0.17 33.62	21.27 0.26 34.84	65.14 1.47 0.00	58.39 1.93 0.00	30.79 1.69 32.28	54.67 1.55 0.59	57.99 0.58 15.07	58.12 0.03 20.28	53.73 -0.15 12.71
WOODARD___115KV_TB2 355635	36.24 -0.23 0.00	35.95 -0.20 0.00	36.80 -0.23 0.00	35.68 -0.23 0.00	34.47 -0.15 0.00	37.43 -0.18 0.00	43.08 -0.12 0.00	66.67 -0.02 0.00	72.20 -0.04 0.00	67.91 -0.02 0.00	74.04 0.01 0.00	58.62 0.01 0.00	47.98 -0.04 0.00	48.55 -0.08 0.00	49.85 -0.09 0.00	51.80 -0.12 0.00	55.68 -0.17 0.00	63.38 -0.29 0.00	56.36 -0.10 0.00	61.34 -0.04 0.00	53.68 -0.03 0.00	72.17 -0.31 0.00	78.03 -0.33 0.00	66.32 -0.27 0.00
YORK___WARBASSE 23770	52.83 1.78 -14.59	52.03 1.58 -14.29	51.65 1.53 -13.10	51.07 1.52 -13.64	51.56 1.42 -15.52	52.08 1.62 -12.86	52.46 1.95 -7.31	84.95 3.32 -14.94	89.54 3.81 -13.49	90.76 3.30 -19.54	90.99 3.40 -13.56	89.58 2.81 -28.16	89.58 2.22 -39.33	89.56 2.31 -38.61	89.56 2.35 -37.26	89.58 2.54 -35.12	83.94 2.56 -25.54	84.23 2.91 -17.65	81.79 3.08 -22.25	89.58 3.62 -24.58	89.56 3.33 -32.51	90.17 3.34 -14.35	92.20 3.58 -10.25	82.21 3.09 -12.53