

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/17/2025

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	46.71	42.21	37.29	34.18	32.93	35.10	35.27	35.67	36.46	39.33	44.39	49.49	54.20	58.91	63.42	69.89	89.25	105.24	108.70	95.91	76.38	66.09	56.22	49.60
24138	1.75	1.74	1.57	1.44	1.39	1.45	1.49	1.67	2.10	2.40	2.89	3.13	3.41	3.72	4.17	4.45	6.37	8.07	7.58	6.19	3.64	3.45	3.03	2.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-0.38	-0.65	-0.46	-0.52	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	46.80	42.29	37.36	34.25	32.96	35.13	35.34	35.70	36.50	39.41	44.44	49.58	54.25	58.97	63.42	69.82	89.25	105.24	108.70	95.91	76.38	66.15	56.28	49.70
24260	1.84	1.82	1.64	1.51	1.42	1.48	1.55	1.70	2.13	2.47	2.93	3.22	3.46	3.78	4.17	4.38	6.37	8.07	7.58	6.19	3.64	3.51	3.09	2.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-0.38	-0.65	-0.46	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	46.80	42.29	37.36	34.25	32.96	35.13	35.34	35.70	36.50	39.41	44.44	49.58	54.25	58.97	63.42	69.82	89.25	105.24	108.70	95.91	76.38	66.15	56.28	49.70
24261	1.84	1.82	1.64	1.51	1.42	1.48	1.55	1.70	2.13	2.47	2.93	3.22	3.46	3.78	4.17	4.38	6.37	8.07	7.58	6.19	3.64	3.51	3.09	2.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-0.38	-0.65	-0.46	-0.52	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	47.30	42.58	37.68	34.45	33.25	35.50	35.54	35.63	36.02	38.30	41.98	46.88	50.86	56.18	60.39	68.32	86.75	102.62	107.79	95.64	77.11	66.15	55.90	49.04
24011	2.34	2.10	1.96	1.70	1.70	1.85	1.76	1.63	1.65	1.37	0.95	1.24	1.30	1.86	2.11	2.88	4.06	5.44	6.67	5.92	4.36	3.51	2.71	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.34	0.58	0.41	0.46	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	47.57	42.82	37.90	34.61	33.40	35.67	35.74	35.77	36.15	38.45	42.11	47.02	51.07	56.41	60.64	68.64	87.24	103.30	108.60	96.36	77.70	66.60	56.27	49.32
23798	2.61	2.35	2.18	1.87	1.86	2.02	1.96	1.77	1.79	1.51	1.07	1.38	1.50	2.08	2.35	3.21	4.55	6.13	7.48	6.64	4.95	3.95	3.08	2.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.33	0.57	0.40	0.45	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	47.30	42.58	37.68	34.45	33.25	35.50	35.54	35.63	36.02</															

ALBANY___2 23572	44.69 -0.27 0.00	40.27 -0.20 0.00	35.68 -0.04 0.00	32.91 0.16 0.00	31.77 0.22 0.00	33.79 0.13 0.00	33.92 0.14 0.00	34.10 0.10 0.00	34.47 0.10 0.00	36.93 0.00 0.00	40.87 -0.21 0.18	45.43 -0.28 0.27	49.22 -0.45 0.47	54.07 -0.33 0.34	58.12 -0.23 0.38	65.11 -0.33 0.00	82.62 -0.08 0.07	97.37 0.19 0.00	101.12 0.00 0.00	89.54 -0.18 0.00	72.16 -0.58 0.00	62.21 -0.44 0.00	52.76 -0.43 0.00	46.52 -0.23 0.00
ALBANY___3 23573	44.69 -0.27 0.00	40.27 -0.20 0.00	35.68 -0.04 0.00	32.91 0.16 0.00	31.77 0.22 0.00	33.79 0.13 0.00	33.92 0.14 0.00	34.10 0.10 0.00	34.47 0.10 0.00	36.93 0.00 0.00	40.87 -0.21 0.18	45.43 -0.28 0.27	49.22 -0.45 0.47	54.07 -0.33 0.34	58.12 -0.23 0.38	65.11 -0.33 0.00	82.62 -0.08 0.07	97.37 0.19 0.00	101.12 0.00 0.00	89.54 -0.18 0.00	72.16 -0.58 0.00	62.21 -0.44 0.00	52.76 -0.43 0.00	46.52 -0.23 0.00
ALBANY___4 23574	44.69 -0.27 0.00	40.27 -0.20 0.00	35.68 -0.04 0.00	32.91 0.16 0.00	31.77 0.22 0.00	33.79 0.13 0.00	33.92 0.14 0.00	34.10 0.10 0.00	34.47 0.10 0.00	36.93 0.00 0.00	40.87 -0.21 0.18	45.43 -0.28 0.27	49.22 -0.45 0.47	54.07 -0.33 0.34	58.12 -0.23 0.38	65.11 -0.33 0.00	82.62 -0.08 0.07	97.37 0.19 0.00	101.12 0.00 0.00	89.54 -0.18 0.00	72.16 -0.58 0.00	62.21 -0.44 0.00	52.76 -0.43 0.00	46.52 -0.23 0.00
ALBANY___LFGE 323615	45.14 0.18 0.00	40.72 0.24 0.00	36.04 0.32 0.00	33.17 0.42 0.00	32.05 0.50 0.00	34.09 0.44 0.00	34.16 0.37 0.00	34.38 0.37 0.00	34.78 0.41 0.00	37.23 0.29 0.00	41.20 0.12 0.18	45.85 0.14 0.27	49.68 0.00 0.46	54.69 0.33 0.37	58.74 0.41 0.41	66.02 0.59 0.00	83.70 1.00 0.08	98.73 1.55 0.00	102.54 1.41 0.00	90.80 1.08 0.00	73.11 0.37 0.00	63.02 0.38 0.00	53.40 0.21 0.00	47.12 0.37 0.00
ALCOA_PA_115KV_PL-6C 55860	45.90 0.94 0.00	40.88 0.40 0.00	35.97 0.25 0.00	32.91 0.16 0.00	31.73 0.19 0.00	33.85 0.20 0.00	34.36 0.57 0.00	34.58 0.58 0.00	34.95 0.58 0.00	37.52 0.59 0.00	41.88 0.62 0.00	46.62 0.64 0.00	50.89 0.75 0.00	55.28 0.55 0.00	59.32 0.59 0.00	66.09 0.65 0.00	83.77 0.99 0.00	97.18 0.00 0.00	101.22 0.10 0.00	90.70 0.99 0.00	87.29 1.60 -12.94	97.98 1.44 -33.90	54.51 1.22 -0.10	47.27 0.51 0.00
ALCOA_RYNLDS___DRP 24188	45.90 0.94 0.00	40.88 0.40 0.00	35.97 0.25 0.00	32.91 0.16 0.00	31.73 0.19 0.00	33.85 0.20 0.00	34.36 0.57 0.00	34.58 0.58 0.00	34.95 0.58 0.00	37.52 0.59 0.00	41.88 0.62 0.00	46.62 0.64 0.00	50.89 0.75 0.00	55.28 0.55 0.00	59.32 0.59 0.00	66.09 0.65 0.00	83.77 0.99 0.00	97.18 0.00 0.00	101.22 0.10 0.00	90.70 0.99 0.00	87.29 1.60 -12.94	97.98 1.44 -33.90	54.51 1.22 -0.10	47.27 0.51 0.00
ALCOA___DSASP 323711	45.90 0.95 0.00	40.88 0.40 0.00	35.97 0.25 0.00	32.94 0.20 0.00	31.73 0.19 0.00	33.86 0.20 0.00	34.36 0.57 0.00	34.58 0.58 0.00	34.95 0.58 0.00	37.52 0.59 0.00	41.88 0.62 0.00	46.62 0.64 0.00	50.89 0.75 0.00	55.28 0.55 0.00	59.32 0.59 0.00	66.09 0.65 0.00	83.77 1.00 0.00	97.18 0.00 0.00	101.32 0.20 0.00	90.71 0.99 0.00	87.28 1.60 -12.94	97.99 1.44 -33.90	54.51 1.22 -0.10	47.27 0.52 0.00
ALLEGHENY___COGEN 23514	47.34 2.38 0.00	42.82 2.35 0.00	37.29 1.57 0.00	33.50 0.75 0.00	32.27 0.73 0.00	34.53 0.87 0.00	34.53 0.74 0.00	34.07 0.07 0.00	33.89 -0.48 0.00	36.27 -0.66 0.00	40.35 -0.91 0.00	44.97 -1.01 0.00	48.89 -1.25 0.00	53.64 -1.09 0.00	55.45 -3.29 0.00	61.84 -3.60 0.00	77.64 -5.13 0.00	91.64 -5.54 0.00	97.28 -3.84 0.00	87.56 -2.15 0.00	72.89 0.15 0.00	62.46 -0.19 0.00	53.08 -0.11 0.00	48.34 1.59 0.00
ALTAMONT_115KV_TB 2 55880	45.36 0.40 0.00	40.92 0.45 0.00	36.18 0.46 0.00	33.30 0.56 0.00	32.11 0.57 0.00	34.22 0.57 0.00	34.29 0.51 0.00	34.51 0.51 0.00	34.85 0.48 0.00	37.37 0.44 0.00	41.51 0.37 0.12	46.21 0.41 0.18	50.18 0.35 0.31	54.95 0.44 0.22	59.02 0.53 0.25	66.03 0.59 0.00	83.72 0.99 0.05	98.72 1.46 -0.08	102.68 1.42 -0.15	90.79 1.08 0.00	73.33 0.58 0.00	63.21 0.56 0.00	53.62 0.43 0.00	47.27 0.51 0.00
ALTONA_WT_PWR 323606	45.41 0.45 0.00	40.51 0.04 0.00	35.54 -0.18 0.00	32.48 -0.26 0.00	31.29 -0.25 0.00	33.45 -0.20 0.00	33.82 0.03 0.00	34.21 0.21 0.00	34.64 0.27 0.00	37.30 0.37 0.00	41.67 0.41 0.00	46.12 0.14 0.00	50.34 0.20 0.00	54.73 0.00 0.00	58.74 0.00 0.00	65.50 0.07 0.00	83.19 0.42 0.00	96.89 -0.29 0.00	100.92 -0.20 0.00	89.99 0.27 0.00	74.14 1.02 -0.37	64.50 0.88 -0.98	53.83 0.64 0.00	46.80 0.05 0.00
AMERICAN_REF_FUEL 24010	43.75 -1.21 0.00	40.03 -0.44 0.00	35.15 -0.57 0.00	31.11 -1.64 0.00	30.03 -1.51 0.00	31.94 -1.72 0.00	32.47 -1.32 0.00	31.82 -2.18 0.00	32.13 -2.23 0.00	34.75 -2.18 0.00	39.07 -2.19 0.00	43.86 -2.11 0.00	47.18 -2.96 0.00	51.67 -3.06 0.00	54.86 -3.88 0.00	60.72 -4.71 0.00	75.24 -7.53 0.00	87.07 -10.11 0.00	91.11 -10.01 0.00	80.93 -8.79 0.00	67.65 -5.09 0.00	57.63 -5.01 0.00	49.63 -3.56 0.00	44.93 -1.82 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	45.63 0.68 0.00	41.48 1.01 0.00	35.94 0.22 0.00	32.19 -0.56 0.00	31.17 -0.38 0.00	33.25 -0.40 0.00	33.31 -0.47 0.00	33.08 -0.92 0.00	33.51 -0.86 0.00	36.34 -0.59 0.00	40.93 -0.33 0.00	45.98 0.00 0.00	49.54 -0.60 0.00	54.35 -0.38 0.00	57.68 -1.06 0.00	64.00 -1.44 0.00	79.38 -3.40 0.00	92.51 -4.66 0.00	96.78 -4.35 0.00	85.59 -4.13 0.00	71.36 -1.38 0.00	61.02 -1.63 0.00	52.13 -1.06 0.00	46.57 -0.19 0.00
ARTHUR KILL_GT_1 23520	46.98 2.02 0.00	42.41 1.94 0.00	37.47 1.75 0.00	34.35 1.60 0.00	33.03 1.48 0.00	35.23 1.58 0.00	35.37 1.59 0.00	35.63 1.63 0.00	36.36 1.99 0.00	39.37 2.44 0.00	44.31 2.81 -0.25	49.05 2.76 -0.31	50.75 3.01 2.40	51.60 3.06 6.20	54.41 3.05 7.38	62.97 3.14 5.61	78.20 5.38 9.95	94.19 7.19 10.18	91.53 6.27 15.86	79.74 5.02 15.00	56.84 2.26 18.17	53.89 2.51 11.27	52.06 2.71 3.84	49.37 2.62 0.00
ARTHUR_KILL_2 23512	46.77 1.80 -0.01	42.30 1.82 -0.01	37.37 1.64 -0.01	34.26 1.51 -0.01	32.94 1.39 -0.01	35.14 1.48 -0.01	35.25 1.45 -0.01	35.53 1.53 0.00	36.26 1.89 0.00	39.23 2.29 -0.01	44.19 2.68 -0.26	48.82 2.53 -0.32	50.55 2.81 2.40	51.27 2.74 6.20	54.00 2.65 7.38	62.57 2.75 5.61	77.71 4.88 9.95	93.61 6.61 10.18	91.02 5.76 15.86	79.29 4.57 15.00	56.39 1.82 18.17	53.51 2.13 11.27	51.86 2.50 3.83	49.19 2.43 -0.01
ARTHUR_KILL_3 23513	46.17 1.21 0.00	41.77 1.29 0.00	36.94 1.22 0.00	33.86 1.11 0.00	32.58 1.04 0.00	34.73 1.08 0.00	34.87 1.08 0.00	35.29 1.29 0.00	36.09 1.72 0.00	38.96 2.03 0.00	43.94 2.43 -0.25	48.83 2.53 -0.33	50.49 2.76 2.41	51.44 2.90 6.19	54.59 3.23 7.37	63.23 3.40 5.61	77.95 5.13 9.96	93.69 6.70 10.19	91.42 6.17 15.87	79.64 4.93 15.01	57.11 2.54 18.18	53.88 2.51 11.28	51.69 2.34 3.84	49.04 2.29 0.00

ARTHUR_KILL_COGEN 323718	46.90 1.93 -0.01	42.42 1.94 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.24 1.58 -0.01	35.35 1.55 -0.01	35.63 1.63 0.00	36.36 1.99 0.00	39.34 2.40 -0.01	44.32 2.81 -0.26	49.01 2.71 -0.32	50.75 3.01 2.40	51.49 2.95 6.20	54.29 2.94 7.38	62.90 3.08 5.61	78.13 5.30 9.95	94.19 7.19 10.18	91.53 6.27 15.86	79.74 5.02 15.00	56.83 2.26 18.17	53.82 2.44 11.27	52.07 2.71 3.83	49.38 2.62 -0.01
ASHOKAN____ 23654	46.53 1.57 0.00	41.93 1.45 0.00	37.00 1.28 0.00	33.99 1.24 0.00	32.65 1.10 0.00	34.70 1.04 0.00	34.66 0.88 0.00	34.65 0.64 0.00	34.85 0.48 0.00	37.34 0.41 0.00	43.28 2.02 0.00	48.37 2.39 0.00	52.90 2.76 0.00	58.13 3.39 0.00	62.61 3.88 0.00	67.47 2.03 0.00	89.56 6.79 0.00	104.94 9.13 1.37	108.39 9.61 2.34	94.74 5.02 0.00	76.09 3.35 0.00	65.53 2.88 0.00	55.48 2.29 0.00	48.67 1.92 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.54 1.57 -0.01	42.06 1.58 -0.01	37.19 1.47 -0.01	34.13 1.37 -0.01	32.82 1.26 -0.01	35.04 1.38 -0.01	35.15 1.35 -0.01	35.46 1.46 0.00	36.15 1.79 0.00	39.12 2.18 -0.01	44.12 2.60 -0.26	49.27 2.90 -0.39	53.95 3.16 -0.65	58.20 3.01 -0.46	62.07 2.82 -0.52	68.50 3.08 0.01	88.25 5.38 -0.10	104.47 7.29 0.00	107.97 6.48 -0.37	94.92 5.20 0.00	75.07 2.33 0.01	65.28 2.63 0.00	56.17 2.98 -0.01	49.33 2.57 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	46.54 1.57 -0.01	42.06 1.58 -0.01	37.19 1.47 -0.01	34.13 1.37 -0.01	32.82 1.26 -0.01	35.04 1.38 -0.01	35.15 1.35 -0.01	35.46 1.46 0.00	36.15 1.79 0.00	39.12 2.18 -0.01	44.12 2.60 -0.26	49.27 2.90 -0.39	53.95 3.16 -0.65	58.20 3.01 -0.46	62.07 2.82 -0.52	68.50 3.08 0.01	88.25 5.38 -0.10	104.47 7.29 0.00	107.97 6.48 -0.37	94.92 5.20 0.00	75.07 2.33 0.01	65.28 2.63 0.00	56.17 2.98 -0.01	49.33 2.57 -0.01
ASTORIA_GT2_1 24094	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.12 1.38 0.00	32.81 1.26 0.00	35.07 1.41 0.00	35.20 1.42 0.00	35.46 1.46 0.00	36.19 1.82 0.00	39.15 2.22 0.00	44.11 2.60 -0.25	49.30 2.94 -0.38	54.05 3.26 -0.65	58.37 3.17 -0.46	62.25 3.00 -0.52	68.64 3.21 0.00	88.34 5.46 -0.10	104.47 7.29 0.00	108.06 6.57 -0.37	95.01 5.29 0.00	75.15 2.40 0.00	65.34 2.69 0.00	56.22 3.03 0.00	49.51 2.76 0.00
ASTORIA_GT2_2 24095	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.12 1.38 0.00	32.81 1.26 0.00	35.07 1.41 0.00	35.20 1.42 0.00	35.46 1.46 0.00	36.19 1.82 0.00	39.15 2.22 0.00	44.11 2.60 -0.25	49.30 2.94 -0.38	54.05 3.26 -0.65	58.37 3.17 -0.46	62.25 3.00 -0.52	68.64 3.21 0.00	88.34 5.46 -0.10	104.47 7.29 0.00	108.06 6.57 -0.37	95.01 5.29 0.00	75.15 2.40 0.00	65.34 2.69 0.00	56.22 3.03 0.00	49.51 2.76 0.00
ASTORIA_GT2_3 24096	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.12 1.38 0.00	32.81 1.26 0.00	35.07 1.41 0.00	35.20 1.42 0.00	35.46 1.46 0.00	36.19 1.82 0.00	39.15 2.22 0.00	44.11 2.60 -0.25	49.30 2.94 -0.38	54.05 3.26 -0.65	58.37 3.17 -0.46	62.25 3.00 -0.52	68.64 3.21 0.00	88.34 5.46 -0.10	104.47 7.29 0.00	108.06 6.57 -0.37	95.01 5.29 0.00	75.15 2.40 0.00	65.34 2.69 0.00	56.22 3.03 0.00	49.51 2.76 0.00
ASTORIA_GT2_4 24097	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.12 1.38 0.00	32.81 1.26 0.00	35.07 1.41 0.00	35.20 1.42 0.00	35.46 1.46 0.00	36.19 1.82 0.00	39.15 2.22 0.00	44.11 2.60 -0.25	49.30 2.94 -0.38	54.05 3.26 -0.65	58.37 3.17 -0.46	62.25 3.00 -0.52	68.64 3.21 0.00	88.34 5.46 -0.10	104.47 7.29 0.00	108.06 6.57 -0.37	95.01 5.29 0.00	75.15 2.40 0.00	65.34 2.69 0.00	56.22 3.03 0.00	49.51 2.76 0.00
ASTORIA_GT3_1 24098	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.12 1.38 0.00	32.81 1.26 0.00	35.07 1.41 0.00	35.20 1.42 0.00	35.46 1.46 0.00	36.19 1.82 0.00	39.15 2.22 0.00	44.11 2.60 -0.25	49.30 2.94 -0.38	54.05 3.26 -0.65	58.37 3.17 -0.46	62.25 3.00 -0.52	68.64 3.21 0.00	88.34 5.46 -0.10	104.47 7.29 0.00	108.06 6.57 -0.37	95.01 5.29 0.00	75.15 2.40 0.00	65.34 2.69 0.00	56.22 3.03 0.00	49.51 2.76 0.00
ASTORIA_GT3_2 24099	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.12 1.38 0.00	32.81 1.26 0.00	35.07 1.41 0.00	35.20 1.42 0.00	35.46 1.46 0.00	36.19 1.82 0.00	39.15 2.22 0.00	44.11 2.60 -0.25	49.30 2.94 -0.38	54.05 3.26 -0.65	58.37 3.17 -0.46	62.25 3.00 -0.52	68.64 3.21 0.00	88.34 5.46 -0.10	104.47 7.29 0.00	108.06 6.57 -0.37	95.01 5.29 0.00	75.15 2.40 0.00	65.34 2.69 0.00	56.22 3.03 0.00	49.51 2.76 0.00
ASTORIA_GT3_3 24100	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.12 1.38 0.00	32.81 1.26 0.00	35.07 1.41 0.00	35.20 1.42 0.00	35.46 1.46 0.00	36.19 1.82 0.00	39.15 2.22 0.00	44.11 2.60 -0.25	49.30 2.94 -0.38	54.05 3.26 -0.65	58.37 3.17 -0.46	62.25 3.00 -0.52	68.64 3.21 0.00	88.34 5.46 -0.10	104.47 7.29 0.00	108.06 6.57 -0.37	95.01 5.29 0.00	75.15 2.40 0.00	65.34 2.69 0.00	56.22 3.03 0.00	49.51 2.76 0.00
ASTORIA_GT3_4 24101	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.12 1.38 0.00	32.81 1.26 0.00	35.07 1.41 0.00	35.20 1.42 0.00	35.46 1.46 0.00	36.19 1.82 0.00	39.15 2.22 0.00	44.11 2.60 -0.25	49.30 2.94 -0.38	54.05 3.26 -0.65	58.37 3.17 -0.46	62.25 3.00 -0.52	68.64 3.21 0.00	88.34 5.46 -0.10	104.47 7.29 0.00	108.06 6.57 -0.37	95.01 5.29 0.00	75.15 2.40 0.00	65.34 2.69 0.00	56.22 3.03 0.00	49.51 2.76 0.00
ASTORIA_GT4_1 24102	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.12 1.38 0.00	32.81 1.26 0.00	35.07 1.41 0.00	35.20 1.42 0.00	35.46 1.46 0.00	36.19 1.82 0.00	39.15 2.22 0.00	44.11 2.60 -0.25	49.30 2.94 -0.38	54.05 3.26 -0.65	58.37 3.17 -0.46	62.25 3.00 -0.52	68.64 3.21 0.00	88.34 5.46 -0.10	104.47 7.29 0.00	108.06 6.57 -0.37	95.01 5.29 0.00	75.15 2.40 0.00	65.34 2.69 0.00	56.22 3.03 0.00	49.51 2.76 0.00
ASTORIA_GT4_2 24103	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.12 1.38 0.00	32.81 1.26 0.00	35.07 1.41 0.00	35.20 1.42 0.00	35.46 1.46 0.00	36.19 1.82 0.00	39.15 2.22 0.00	44.11 2.60 -0.25	49.30 2.94 -0.38	54.05 3.26 -0.65	58.37 3.17 -0.46	62.25 3.00 -0.52	68.64 3.21 0.00	88.34 5.46 -0.10	104.47 7.29 0.00	108.06 6.57 -0.37	95.01 5.29 0.00	75.15 2.40 0.00	65.34 2.69 0.00	56.22 3.03 0.00	49.51 2.76 0.00
ASTORIA_GT4_3 24104	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.12 1.38 0.00	32.81 1.26 0.00	35.07 1.41 0.00	35.20 1.42 0.00	35.46 1.46 0.00	36.19 1.82 0.00	39.15 2.22 0.00	44.11 2.60 -0.25	49.30 2.94 -0.38	54.05 3.26 -0.65	58.37 3.17 -0.46	62.25 3.00 -0.52	68.64 3.21 0.00	88.34 5.46 -0.10	104.47 7.29 0.00	108.06 6.57 -0.37	95.01 5.29 0.00	75.15 2.40 0.00	65.34 2.69 0.00	56.22 3.03 0.00	49.51 2.76 0.00

ASTORIA_GT4_4 24105	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.12 1.38 0.00	32.81 1.26 0.00	35.07 1.41 0.00	35.20 1.42 0.00	35.46 1.46 0.00	36.19 1.82 0.00	39.15 2.22 0.00	44.11 2.60 -0.25	49.30 2.94 -0.38	54.05 3.26 -0.65	58.37 3.17 -0.46	62.25 3.00 -0.52	68.64 3.21 0.00	88.34 5.46 -0.10	104.47 7.29 0.00	108.06 6.57 -0.37	95.01 5.29 0.00	75.15 2.40 0.00	65.34 2.69 0.00	56.22 3.03 0.00	49.51 2.76 0.00
ASTORIA_GT_1 23523	46.71 1.75 0.00	42.17 1.70 0.00	37.26 1.54 0.00	34.15 1.41 0.00	32.87 1.32 0.00	35.10 1.45 0.00	35.27 1.49 0.00	35.53 1.53 0.00	36.26 1.89 0.00	39.22 2.29 0.00	44.23 2.72 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.53 3.34 -0.46	62.43 3.17 -0.52	68.77 3.34 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	108.37 6.88 -0.37	95.28 5.56 0.00	75.37 2.62 0.00	65.53 2.88 0.00	56.33 3.14 0.00	49.60 2.85 0.00
ASTORIA_GT_10 24110	46.71 1.75 0.00	42.17 1.70 0.00	37.29 1.57 0.00	34.18 1.44 0.00	32.93 1.39 0.00	35.10 1.45 0.00	35.24 1.45 0.00	35.56 1.56 0.00	36.33 1.96 0.00	39.26 2.33 0.00	44.27 2.76 -0.25	49.35 2.99 -0.38	54.00 3.21 -0.65	58.42 3.23 -0.46	62.43 3.17 -0.52	68.71 3.27 0.00	88.25 5.38 -0.10	104.27 7.09 0.00	107.49 6.37 0.00	94.83 5.11 0.00	75.15 2.40 0.00	65.28 2.63 0.00	56.06 2.87 0.00	49.51 2.76 0.00
ASTORIA_GT_11 24225	46.71 1.75 0.00	42.17 1.70 0.00	37.29 1.57 0.00	34.18 1.44 0.00	32.93 1.39 0.00	35.10 1.45 0.00	35.24 1.45 0.00	35.56 1.56 0.00	36.33 1.96 0.00	39.26 2.33 0.00	44.27 2.76 -0.25	49.35 2.99 -0.38	54.00 3.21 -0.65	58.42 3.23 -0.46	62.43 3.17 -0.52	68.71 3.27 0.00	88.25 5.38 -0.10	104.27 7.09 0.00	107.49 6.37 0.00	94.83 5.11 0.00	75.15 2.40 0.00	65.28 2.63 0.00	56.06 2.87 0.00	49.51 2.76 0.00
ASTORIA_GT_12 24226	46.71 1.75 0.00	42.17 1.70 0.00	37.29 1.57 0.00	34.18 1.44 0.00	32.93 1.39 0.00	35.10 1.45 0.00	35.24 1.45 0.00	35.56 1.56 0.00	36.33 1.96 0.00	39.26 2.33 0.00	44.27 2.76 -0.25	49.35 2.99 -0.38	54.00 3.21 -0.65	58.42 3.23 -0.46	62.43 3.17 -0.52	68.71 3.27 0.00	88.25 5.38 -0.10	104.27 7.09 0.00	107.49 6.37 0.00	94.83 5.11 0.00	75.15 2.40 0.00	65.28 2.63 0.00	56.06 2.87 0.00	49.51 2.76 0.00
ASTORIA_GT_13 24227	46.71 1.75 0.00	42.17 1.70 0.00	37.29 1.57 0.00	34.18 1.44 0.00	32.93 1.39 0.00	35.10 1.45 0.00	35.24 1.45 0.00	35.56 1.56 0.00	36.33 1.96 0.00	39.26 2.33 0.00	44.27 2.76 -0.25	49.35 2.99 -0.38	54.00 3.21 -0.65	58.42 3.23 -0.46	62.43 3.17 -0.52	68.71 3.27 0.00	88.25 5.38 -0.10	104.27 7.09 0.00	107.49 6.37 0.00	94.83 5.11 0.00	75.15 2.40 0.00	65.28 2.63 0.00	56.06 2.87 0.00	49.51 2.76 0.00
ASTORIA_GT_5 24106	46.71 1.75 0.00	42.17 1.70 0.00	37.26 1.54 0.00	34.15 1.41 0.00	32.87 1.32 0.00	35.10 1.45 0.00	35.27 1.49 0.00	35.53 1.53 0.00	36.26 1.89 0.00	39.22 2.29 0.00	44.23 2.72 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.53 3.34 -0.46	62.43 3.17 -0.52	68.77 3.34 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	108.37 6.88 -0.37	95.28 5.56 0.00	75.37 2.62 0.00	65.53 2.88 0.00	56.33 3.14 0.00	49.60 2.85 0.00
ASTORIA_GT_7 24107	46.71 1.75 0.00	42.17 1.70 0.00	37.26 1.54 0.00	34.15 1.41 0.00	32.87 1.32 0.00	35.10 1.45 0.00	35.27 1.49 0.00	35.53 1.53 0.00	36.26 1.89 0.00	39.22 2.29 0.00	44.23 2.72 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.53 3.34 -0.46	62.43 3.17 -0.52	68.77 3.34 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	108.37 6.88 -0.37	95.28 5.56 0.00	75.37 2.62 0.00	65.53 2.88 0.00	56.33 3.14 0.00	49.60 2.85 0.00
ASTORIA_GT_8 24108	46.71 1.75 0.00	42.17 1.70 0.00	37.26 1.54 0.00	34.15 1.41 0.00	32.87 1.32 0.00	35.10 1.45 0.00	35.27 1.49 0.00	35.53 1.53 0.00	36.26 1.89 0.00	39.22 2.29 0.00	44.23 2.72 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.53 3.34 -0.46	62.43 3.17 -0.52	68.77 3.34 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	108.37 6.88 -0.37	95.28 5.56 0.00	75.37 2.62 0.00	65.53 2.88 0.00	56.33 3.14 0.00	49.60 2.85 0.00
ASTORIA___2 24149	46.54 1.57 -0.01	42.06 1.58 -0.01	37.19 1.47 -0.01	34.13 1.37 -0.01	32.82 1.26 -0.01	35.07 1.41 -0.01	35.18 1.39 -0.01	35.46 1.46 0.00	36.19 1.82 0.00	39.15 2.22 -0.01	44.12 2.60 -0.26	49.31 2.95 -0.39	54.00 3.21 -0.65	58.26 3.06 -0.46	62.13 2.88 -0.52	68.50 3.08 0.01	88.25 5.38 -0.10	104.47 7.29 0.00	108.06 6.57 -0.37	95.01 5.29 0.00	75.14 2.40 0.01	65.28 2.63 0.00	56.23 3.03 -0.01	49.38 2.62 -0.01
ASTORIA___3 23516	46.63 1.66 -0.01	42.18 1.70 -0.01	37.30 1.57 -0.01	34.23 1.47 -0.01	32.94 1.39 -0.01	35.11 1.45 -0.01	35.21 1.42 -0.01	35.57 1.56 0.00	36.33 1.96 0.00	39.27 2.33 -0.01	44.28 2.76 -0.26	49.31 2.95 -0.39	54.00 3.21 -0.65	58.31 3.12 -0.46	62.31 3.05 -0.52	68.63 3.21 0.01	88.17 5.30 -0.10	104.27 7.09 0.00	107.49 6.37 0.00	94.83 5.11 0.00	75.07 2.33 0.01	65.22 2.57 0.00	56.07 2.87 -0.01	49.47 2.71 -0.01
ASTORIA___4 23517	46.71 1.75 0.00	42.17 1.70 0.00	37.29 1.57 0.00	34.18 1.44 0.00	32.93 1.39 0.00	35.10 1.45 0.00	35.24 1.45 0.00	35.56 1.56 0.00	36.33 1.96 0.00	39.26 2.33 0.00	44.27 2.76 -0.25	49.35 2.99 -0.38	54.00 3.21 -0.65	58.42 3.23 -0.46	62.43 3.17 -0.52	68.71 3.27 0.00	88.25 5.38 -0.10	104.27 7.09 0.00	107.49 6.37 0.00	94.83 5.11 0.00	75.15 2.40 0.00	65.28 2.63 0.00	56.06 2.87 0.00	49.51 2.76 0.00
ASTORIA___5 23518	46.63 1.66 -0.01	42.18 1.70 -0.01	37.30 1.57 -0.01	34.23 1.47 -0.01	32.94 1.39 -0.01	35.11 1.45 -0.01	35.21 1.42 -0.01	35.57 1.56 0.00	36.33 1.96 0.00	39.27 2.33 -0.01	44.28 2.76 -0.26	49.31 2.95 -0.39	54.00 3.21 -0.65	58.31 3.12 -0.46	62.31 3.05 -0.52	68.63 3.21 0.01	88.17 5.30 -0.10	104.27 7.09 0.00	107.49 6.37 0.00	94.83 5.11 0.00	75.14 2.40 0.01	65.22 2.57 0.00	56.07 2.87 -0.01	49.47 2.71 -0.01
AST_ENERGY_2_CC3 323677	35.55 1.40 10.80	35.55 1.45 6.38	35.55 1.32 1.49	33.99 1.24 0.00	32.71 1.17 0.00	34.86 1.21 0.00	34.97 1.18 0.00	35.39 1.39 0.01	35.55 1.82 0.64	35.55 2.10 3.49	36.79 2.52 6.98	36.79 2.67 11.85	36.79 2.91 16.26	36.79 3.12 21.06	36.79 3.46 25.41	45.36 3.66 23.74	60.50 5.46 27.74	76.40 7.09 27.87	76.72 6.57 30.97	66.96 5.29 28.05	45.18 2.83 30.40	41.95 2.75 23.45	39.76 2.55 15.98	37.11 2.48 12.12
AST_ENERGY_2_CC4 323678	35.55 1.40 10.80	35.55 1.45 6.38	35.55 1.32 1.49	33.99 1.24 0.00	32.71 1.17 0.00	34.86 1.21 0.00	34.97 1.18 0.00	35.39 1.39 0.01	35.55 1.82 0.64	35.55 2.10 3.49	36.79 2.52 6.98	36.79 2.67 11.85	36.79 2.91 16.26	36.79 3.12 21.06	36.79 3.46 25.41	45.36 3.66 23.74	60.50 5.46 27.74	76.40 7.09 27.87	76.72 6.57 30.97	66.96 5.29 28.05	45.18 2.83 30.40	41.95 2.75 23.45	39.76 2.55 15.98	37.11 2.48 12.12

ATHENS_STG_1 23668	45.32 0.36 0.00	40.92 0.45 0.00	36.22 0.50 0.00	33.36 0.62 0.00	32.14 0.60 0.00	34.22 0.57 0.00	34.32 0.54 0.00	34.61 0.61 0.00	35.02 0.65 0.00	37.60 0.67 0.00	42.10 0.74 -0.10	46.91 0.78 -0.16	51.26 0.85 -0.27	55.91 0.99 -0.19	60.06 1.11 -0.21	66.74 1.31 0.00	84.63 1.82 -0.04	99.70 2.52 0.00	103.34 2.22 0.00	91.42 1.70 0.00	73.62 0.88 0.00	63.52 0.88 0.00	53.93 0.74 0.00	47.50 0.75 0.00
ATHENS_STG_2 23670	45.32 0.36 0.00	40.92 0.45 0.00	36.22 0.50 0.00	33.36 0.62 0.00	32.14 0.60 0.00	34.22 0.57 0.00	34.32 0.54 0.00	34.61 0.61 0.00	35.02 0.65 0.00	37.60 0.67 0.00	42.10 0.74 -0.10	46.91 0.78 -0.16	51.26 0.85 -0.27	55.91 0.99 -0.19	60.06 1.11 -0.21	66.74 1.31 0.00	84.63 1.82 -0.04	99.70 2.52 0.00	103.34 2.22 0.00	91.42 1.70 0.00	73.62 0.88 0.00	63.52 0.88 0.00	53.93 0.74 0.00	47.50 0.75 0.00
ATHENS_STG_3 23677	45.32 0.36 0.00	40.92 0.45 0.00	36.22 0.50 0.00	33.36 0.62 0.00	32.14 0.60 0.00	34.22 0.57 0.00	34.32 0.54 0.00	34.61 0.61 0.00	35.02 0.65 0.00	37.60 0.67 0.00	42.10 0.74 -0.10	46.91 0.78 -0.16	51.26 0.85 -0.27	55.91 0.99 -0.19	60.06 1.11 -0.21	66.74 1.31 0.00	84.63 1.82 -0.04	99.70 2.52 0.00	103.34 2.22 0.00	91.42 1.70 0.00	73.62 0.88 0.00	63.52 0.88 0.00	53.93 0.74 0.00	47.50 0.75 0.00
AUBURN___LFGE 323710	45.23 0.27 0.00	40.75 0.28 0.00	35.79 0.07 0.00	32.65 -0.10 0.00	31.42 -0.13 0.00	33.55 -0.10 0.00	33.65 -0.14 0.00	33.76 -0.24 0.00	34.13 -0.24 0.00	36.71 -0.22 0.00	41.09 -0.17 0.00	45.89 -0.09 0.00	50.14 0.00 0.00	54.79 0.05 0.00	58.68 -0.06 0.00	65.44 0.00 0.00	82.53 -0.25 0.00	96.89 -0.29 0.00	101.02 -0.10 0.00	89.81 0.09 0.00	73.18 0.44 0.00	62.83 0.19 0.00	53.30 0.11 0.00	46.80 0.05 0.00
BABYLON_RES_REC 323704	46.44 1.48 0.00	42.99 2.51 -0.01	37.90 2.18 0.00	34.54 1.80 0.00	33.18 1.64 0.00	35.43 1.78 0.00	35.20 1.42 0.00	35.77 1.77 0.00	36.71 2.34 0.00	39.70 2.77 0.00	45.10 3.26 -0.58	49.63 3.22 -0.44	53.40 2.61 -0.65	57.66 2.47 -0.46	62.48 3.23 -0.52	69.03 3.60 0.00	92.21 5.13 -4.30	104.88 7.29 -0.41	107.08 6.78 0.82	94.65 4.93 0.00	75.29 2.54 0.00	64.40 1.75 0.00	56.02 2.76 -0.07	48.90 2.15 0.00
BALL_HILL_WT_PWR 323825	45.05 0.09 0.00	41.12 0.65 0.00	35.65 -0.07 0.00	31.99 -0.75 0.00	30.88 -0.66 0.00	32.88 -0.77 0.00	33.04 -0.74 0.00	32.81 -1.19 0.00	33.16 -1.20 0.00	35.90 -1.03 0.00	40.35 -0.91 0.00	45.33 -0.64 0.00	48.89 -1.25 0.00	53.58 -1.15 0.00	56.92 -1.82 0.00	63.14 -2.29 0.00	78.39 -4.39 0.00	91.15 -6.03 0.00	95.25 -5.87 0.00	84.51 -5.21 0.00	70.42 -2.33 0.00	60.14 -2.51 0.00	51.49 -1.70 0.00	46.05 -0.70 0.00
BARON_WINDS___WT_PWR 323822	45.18 0.23 0.00	41.00 0.52 0.00	35.76 0.04 0.00	32.32 -0.43 0.00	31.10 -0.44 0.00	33.18 -0.47 0.00	33.31 -0.47 0.00	33.15 -0.85 0.00	33.37 -1.00 0.00	35.94 -1.00 0.00	40.27 -0.99 0.00	45.06 -0.92 0.00	48.89 -1.25 0.00	53.53 -1.20 0.00	57.03 -1.71 0.00	63.41 -2.03 0.00	79.22 -3.56 0.00	92.81 -4.37 0.00	97.07 -4.05 0.00	86.57 -3.14 0.00	71.51 -1.24 0.00	61.21 -1.44 0.00	52.13 -1.06 0.00	46.33 -0.42 0.00
BARRETT_IC_1 23704	46.26 1.30 0.00	42.66 2.18 -0.01	37.61 1.89 0.00	34.35 1.60 0.00	33.03 1.48 0.00	35.27 1.62 0.00	35.10 1.32 0.00	35.60 1.60 0.00	36.50 2.13 0.00	39.48 2.55 0.00	45.42 2.81 -1.36	50.07 2.99 -1.11	53.78 2.91 -0.74	58.04 2.84 -0.47	63.11 3.76 -0.61	69.72 4.19 -0.09	139.23 5.55 -50.91	109.44 7.38 -4.88	109.84 6.67 -2.05	95.01 5.20 -0.09	76.03 3.20 -0.09	64.97 2.32 -0.01	91.16 3.19 -34.78	48.77 2.01 -0.01
BARRETT_IC_10 23701	46.26 1.30 0.00	42.66 2.18 -0.01	37.61 1.89 0.00	34.35 1.60 0.00	33.03 1.48 0.00	35.27 1.62 0.00	35.10 1.32 0.00	35.60 1.60 0.00	36.50 2.13 0.00	39.48 2.55 0.00	45.42 2.81 -1.36	50.07 2.99 -1.11	53.78 2.91 -0.74	58.04 2.84 -0.47	63.04 3.76 -0.54	69.65 4.19 -0.02	103.86 5.55 -15.54	106.03 7.38 -1.47	83.70 6.67 24.09	94.92 5.20 -0.01	75.97 3.20 -0.02	64.97 2.32 -0.01	91.16 3.19 -34.78	48.77 2.01 -0.01
BARRETT_IC_11 23702	46.26 1.30 0.00	42.66 2.18 -0.01	37.61 1.89 0.00	34.35 1.60 0.00	33.03 1.48 0.00	35.27 1.62 0.00	35.10 1.32 0.00	35.60 1.60 0.00	36.50 2.13 0.00	39.48 2.55 0.00	45.42 2.81 -1.36	50.07 2.99 -1.11	53.78 2.91 -0.74	58.04 2.84 -0.47	63.04 3.76 -0.54	69.65 4.19 -0.02	103.86 5.55 -15.54	106.03 7.38 -1.47	83.70 6.67 24.09	94.92 5.20 -0.01	75.97 3.20 -0.02	64.97 2.32 -0.01	91.16 3.19 -34.78	48.77 2.01 -0.01
BARRETT_IC_12 23703	46.26 1.30 0.00	42.66 2.18 -0.01	37.61 1.89 0.00	34.35 1.60 0.00	33.03 1.48 0.00	35.27 1.62 0.00	35.10 1.32 0.00	35.60 1.60 0.00	36.50 2.13 0.00	39.48 2.55 0.00	45.42 2.81 -1.36	50.07 2.99 -1.11	53.78 2.91 -0.74	58.04 2.84 -0.47	63.04 3.76 -0.54	69.65 4.19 -0.02	103.86 5.55 -15.54	106.03 7.38 -1.47	83.70 6.67 24.09	94.92 5.20 -0.01	75.97 3.20 -0.02	64.97 2.32 -0.01	91.16 3.19 -34.78	48.77 2.01 -0.01
BARRETT_IC_2 23705	46.26 1.30 0.00	42.66 2.18 -0.01	37.61 1.89 0.00	34.35 1.60 0.00	33.03 1.48 0.00	35.27 1.62 0.00	35.10 1.32 0.00	35.60 1.60 0.00	36.50 2.13 0.00	39.48 2.55 0.00	45.42 2.81 -1.36	50.07 2.99 -1.11	53.78 2.91 -0.74	58.04 2.84 -0.47	63.11 3.76 -0.61	69.72 4.19 -0.09	139.23 5.55 -50.91	109.44 7.38 -4.88	109.84 6.67 -2.05	95.01 5.20 -0.09	76.03 3.20 -0.09	64.97 2.32 -0.01	91.16 3.19 -34.78	48.77 2.01 -0.01
BARRETT_IC_3 23706	46.26 1.30 0.00	42.66 2.18 -0.01	37.61 1.89 0.00	34.35 1.60 0.00	33.03 1.48 0.00	35.27 1.62 0.00	35.10 1.32 0.00	35.60 1.60 0.00	36.50 2.13 0.00	39.48 2.55 0.00	45.42 2.81 -1.36	50.07 2.99 -1.11	53.78 2.91 -0.74	58.04 2.84 -0.47	63.11 3.76 -0.61	69.72 4.19 -0.09	139.23 5.55 -50.91	109.44 7.38 -4.88	109.84 6.67 -2.05	95.01 5.20 -0.09	76.03 3.20 -0.09	64.97 2.32 -0.01	91.16 3.19 -34.78	48.77 2.01 -0.01
BARRETT_IC_4 23707	46.26 1.30 0.00	42.66 2.18 -0.01	37.61 1.89 0.00	34.35 1.60 0.00	33.03 1.48 0.00	35.27 1.62 0.00	35.10 1.32 0.00	35.60 1.60 0.00	36.50 2.13 0.00	39.48 2.55 0.00	45.42 2.81 -1.36	50.07 2.99 -1.11	53.78 2.91 -0.74	58.04 2.84 -0.47	63.11 3.76 -0.61	69.72 4.19 -0.09	139.23 5.55 -50.91	109.44 7.38 -4.88	109.84 6.67 -2.05	95.01 5.20 -0.09	76.03 3.20 -0.09	64.97 2.32 -0.01	91.16 3.19 -34.78	48.77 2.01 -0.01
BARRETT_IC_5 23708	46.26 1.30 0.00	42.66 2.18 -0.01	37.61 1.89 0.00	34.35 1.60 0.00	33.03 1.48 0.00	35.27 1.62 0.00	35.10 1.32 0.00	35.60 1.60 0.00	36.50 2.13 0.00	39.48 2.55 0.00	45.42 2.81 -1.36	50.07 2.99 -1.11	53.78 2.91 -0.74	58.04 2.84 -0.47	63.11 3.76 -0.61	69.72 4.19 -0.09	139.23 5.55 -50.91	109.44 7.38 -4.88	109.84 6.67 -2.05	95.01 5.20 -0.09	76.03 3.20 -0.09	64.97 2.32 -0.01	91.16 3.19 -34.78	48.77 2.01 -0.01

BARRETT_IC_6 23709	46.26 1.30 0.00	42.66 2.18 -0.01	37.61 1.89 0.00	34.35 1.60 0.00	33.03 1.48 0.00	35.27 1.62 0.00	35.10 1.32 0.00	35.60 1.60 0.00	36.50 2.13 0.00	39.48 2.55 0.00	45.42 2.81 -1.36	50.07 2.99 -1.11	53.78 2.91 -0.74	58.04 2.84 -0.47	63.11 3.76 -0.61	69.72 4.19 -0.09	139.23 5.55 -50.91	109.44 7.38 -4.88	109.84 6.67 -2.05	95.01 5.20 -0.09	76.03 3.20 -0.09	64.97 2.32 -0.01	91.16 3.19 -34.78	48.77 2.01 -0.01
BARRETT_IC_7 23710	46.49 1.53 0.00	42.66 2.19 0.00	37.61 1.89 0.00	34.28 1.54 0.00	33.03 1.48 0.00	35.23 1.58 0.00	35.20 1.42 0.00	35.60 1.60 0.00	36.50 2.13 0.00	39.48 2.55 0.00	45.42 2.81 -1.36	50.07 2.99 -1.11	53.83 2.96 -0.73	58.09 2.90 -0.46	63.28 3.94 -0.61	69.78 4.25 -0.09	139.31 5.63 -50.91	109.35 7.29 -4.88	109.74 6.57 -2.05	95.10 5.29 -0.09	76.18 3.35 -0.09	65.22 2.57 0.00	91.16 3.19 -34.78	49.51 2.76 0.00
BARRETT_IC_8 23711	46.26 1.30 0.00	42.66 2.18 -0.01	37.61 1.89 0.00	34.35 1.60 0.00	33.03 1.48 0.00	35.27 1.62 0.00	35.10 1.32 0.00	35.60 1.60 0.00	36.50 2.13 0.00	39.48 2.55 0.00	45.42 2.81 -1.36	50.07 2.99 -1.11	53.78 2.91 -0.74	58.04 2.84 -0.47	63.11 3.76 -0.61	69.72 4.19 -0.09	139.23 5.55 -50.91	109.44 7.38 -4.88	109.84 6.67 -2.05	95.01 5.20 -0.09	76.03 3.20 -0.09	64.97 2.32 -0.01	91.16 3.19 -34.78	48.77 2.01 -0.01
BARRETT_IC_9 23700	46.26 1.30 0.00	42.66 2.18 -0.01	37.61 1.89 0.00	34.35 1.60 0.00	33.03 1.48 0.00	35.27 1.62 0.00	35.10 1.32 0.00	35.60 1.60 0.00	36.50 2.13 0.00	39.48 2.55 0.00	45.42 2.81 -1.36	50.07 2.99 -1.11	53.78 2.91 -0.74	58.04 2.84 -0.47	63.04 3.76 -0.54	69.65 4.19 -0.02	103.86 5.55 -15.54	106.03 7.38 -1.47	83.70 6.67 24.09	94.92 5.20 -0.01	75.97 3.20 -0.02	64.97 2.32 -0.01	91.16 3.19 -34.78	48.77 2.01 -0.01
BARRETT___1 23545	46.26 1.30 0.00	42.66 2.18 -0.01	37.61 1.89 0.00	34.35 1.60 0.00	33.03 1.48 0.00	35.27 1.62 0.00	35.10 1.32 0.00	35.60 1.60 0.00	36.50 2.13 0.00	39.48 2.55 0.00	45.42 2.81 -1.36	50.07 2.99 -1.11	53.78 2.91 -0.74	58.04 2.84 -0.47	63.11 3.76 -0.61	69.72 4.19 -0.09	139.23 5.55 -50.91	109.44 7.38 -4.88	109.84 6.67 -2.05	95.01 5.20 -0.09	76.03 3.20 -0.09	64.97 2.32 -0.01	91.16 3.19 -34.78	48.77 2.01 -0.01
BARRETT___2 23546	46.26 1.30 0.00	42.66 2.18 -0.01	37.61 1.89 0.00	34.35 1.60 0.00	33.03 1.48 0.00	35.27 1.62 0.00	35.10 1.32 0.00	35.60 1.60 0.00	36.50 2.13 0.00	39.48 2.55 0.00	45.42 2.81 -1.36	50.07 2.99 -1.11	53.78 2.91 -0.74	58.04 2.84 -0.47	63.04 3.76 -0.54	69.65 4.19 -0.02	103.86 5.55 -15.54	106.03 7.38 -1.47	83.70 6.67 24.09	94.92 5.20 -0.01	75.97 3.20 -0.02	64.97 2.32 -0.01	91.16 3.19 -34.78	48.77 2.01 -0.01
BATAVIA___115KV_TB1 55881	45.41 0.45 0.00	41.40 0.93 0.00	35.97 0.25 0.00	32.51 -0.23 0.00	31.29 -0.25 0.00	33.38 -0.27 0.00	33.58 -0.20 0.00	33.08 -0.92 0.00	33.37 -1.00 0.00	36.04 -0.89 0.00	40.47 -0.78 0.00	45.33 -0.64 0.00	49.04 -1.10 0.00	53.75 -0.99 0.00	56.74 -2.00 0.00	63.60 -1.83 0.00	78.80 -3.97 0.00	91.64 -5.54 0.00	96.17 -4.95 0.00	85.41 -4.31 0.00	71.15 -1.60 0.00	60.58 -2.07 0.00	52.02 -1.17 0.00	46.61 -0.14 0.00
BAYONEEC___CTG1 323682	46.40 1.44 0.00	41.97 1.50 0.00	37.08 1.36 0.00	34.02 1.28 0.00	32.74 1.20 0.00	34.90 1.25 0.00	35.04 1.25 0.00	35.46 1.46 0.00	36.22 1.85 0.00	39.11 2.18 0.00	44.11 2.60 -0.25	49.12 2.76 -0.38	53.80 3.01 -0.65	58.42 3.23 -0.46	62.78 3.52 -0.52	69.16 3.73 0.00	88.42 5.55 -0.10	104.37 7.19 0.00	107.79 6.67 0.00	95.10 5.38 0.00	75.73 2.98 0.00	65.53 2.88 0.00	55.85 2.66 0.00	49.28 2.52 0.00
BAYONEEC___CTG10 323750	46.40 1.44 0.00	41.97 1.50 0.00	37.08 1.36 0.00	34.02 1.28 0.00	32.74 1.20 0.00	34.90 1.25 0.00	35.04 1.25 0.00	35.46 1.46 0.00	36.22 1.85 0.00	39.11 2.18 0.00	44.11 2.60 -0.25	49.12 2.76 -0.38	53.80 3.01 -0.65	58.42 3.23 -0.46	62.78 3.52 -0.52	69.16 3.73 0.00	88.42 5.55 -0.10	104.37 7.19 0.00	107.79 6.67 0.00	95.10 5.38 0.00	75.73 2.98 0.00	65.53 2.88 0.00	55.85 2.66 0.00	49.28 2.52 0.00
BAYONEEC___CTG2 323683	46.40 1.44 0.00	41.97 1.50 0.00	37.08 1.36 0.00	34.02 1.28 0.00	32.74 1.20 0.00	34.90 1.25 0.00	35.04 1.25 0.00	35.46 1.46 0.00	36.22 1.85 0.00	39.11 2.18 0.00	44.11 2.60 -0.25	49.12 2.76 -0.38	53.80 3.01 -0.65	58.42 3.23 -0.46	62.78 3.52 -0.52	69.16 3.73 0.00	88.42 5.55 -0.10	104.37 7.19 0.00	107.79 6.67 0.00	95.10 5.38 0.00	75.73 2.98 0.00	65.53 2.88 0.00	55.85 2.66 0.00	49.28 2.52 0.00
BAYONEEC___CTG3 323684	46.40 1.44 0.00	41.97 1.50 0.00	37.08 1.36 0.00	34.02 1.28 0.00	32.74 1.20 0.00	34.90 1.25 0.00	35.04 1.25 0.00	35.46 1.46 0.00	36.22 1.85 0.00	39.11 2.18 0.00	44.11 2.60 -0.25	49.12 2.76 -0.38	53.80 3.01 -0.65	58.42 3.23 -0.46	62.78 3.52 -0.52	69.16 3.73 0.00	88.42 5.55 -0.10	104.37 7.19 0.00	107.79 6.67 0.00	95.10 5.38 0.00	75.73 2.98 0.00	65.53 2.88 0.00	55.85 2.66 0.00	49.28 2.52 0.00
BAYONEEC___CTG4 323685	46.40 1.44 0.00	41.97 1.50 0.00	37.08 1.36 0.00	34.02 1.28 0.00	32.74 1.20 0.00	34.90 1.25 0.00	35.04 1.25 0.00	35.46 1.46 0.00	36.22 1.85 0.00	39.11 2.18 0.00	44.11 2.60 -0.25	49.12 2.76 -0.38	53.80 3.01 -0.65	58.42 3.23 -0.46	62.78 3.52 -0.52	69.16 3.73 0.00	88.42 5.55 -0.10	104.37 7.19 0.00	107.79 6.67 0.00	95.10 5.38 0.00	75.73 2.98 0.00	65.53 2.88 0.00	55.85 2.66 0.00	49.28 2.52 0.00
BAYONEEC___CTG5 323686	46.40 1.44 0.00	41.97 1.50 0.00	37.08 1.36 0.00	34.02 1.28 0.00	32.74 1.20 0.00	34.90 1.25 0.00	35.04 1.25 0.00	35.46 1.46 0.00	36.22 1.85 0.00	39.11 2.18 0.00	44.11 2.60 -0.25	49.12 2.76 -0.38	53.80 3.01 -0.65	58.42 3.23 -0.46	62.78 3.52 -0.52	69.16 3.73 0.00	88.42 5.55 -0.10	104.37 7.19 0.00	107.79 6.67 0.00	95.10 5.38 0.00	75.73 2.98 0.00	65.53 2.88 0.00	55.85 2.66 0.00	49.28 2.52 0.00
BAYONEEC___CTG6 323687	46.40 1.44 0.00	41.97 1.50 0.00	37.08 1.36 0.00	34.02 1.28 0.00	32.74 1.20 0.00	34.90 1.25 0.00	35.04 1.25 0.00	35.46 1.46 0.00	36.22 1.85 0.00	39.11 2.18 0.00	44.11 2.60 -0.25	49.12 2.76 -0.38	53.80 3.01 -0.65	58.42 3.23 -0.46	62.78 3.52 -0.52	69.16 3.73 0.00	88.42 5.55 -0.10	104.37 7.19 0.00	107.79 6.67 0.00	95.10 5.38 0.00	75.73 2.98 0.00	65.53 2.88 0.00	55.85 2.66 0.00	49.28 2.52 0.00
BAYONEEC___CTG7 323688	46.40 1.44 0.00	41.97 1.50 0.00	37.08 1.36 0.00	34.02 1.28 0.00	32.74 1.20 0.00	34.90 1.25 0.00	35.04 1.25 0.00	35.46 1.46 0.00	36.22 1.85 0.00	39.11 2.18 0.00	44.11 2.60 -0.25	49.12 2.76 -0.38	53.80 3.01 -0.65	58.42 3.23 -0.46	62.78 3.52 -0.52	69.16 3.73 0.00	88.42 5.55 -0.10	104.37 7.19 0.00	107.79 6.67 0.00	95.10 5.38 0.00	75.73 2.98 0.00	65.53 2.88 0.00	55.85 2.66 0.00	49.28 2.52 0.00

BAYONEEC___CTG8 323689	46.40 1.44 0.00	41.97 1.50 0.00	37.08 1.36 0.00	34.02 1.28 0.00	32.74 1.20 0.00	34.90 1.25 0.00	35.04 1.25 0.00	35.46 1.46 0.00	36.22 1.85 0.00	39.11 2.18 0.00	44.11 2.60 -0.25	49.12 2.76 -0.38	53.80 3.01 -0.65	58.42 3.23 -0.46	62.78 3.52 -0.52	69.16 3.73 0.00	88.42 5.55 -0.10	104.37 7.19 0.00	107.79 6.67 0.00	95.10 5.38 0.00	75.73 2.98 0.00	65.53 2.88 0.00	55.85 2.66 0.00	49.28 2.52 0.00
BAYONEEC___CTG9 323749	46.40 1.44 0.00	41.97 1.50 0.00	37.08 1.36 0.00	34.02 1.28 0.00	32.74 1.20 0.00	34.90 1.25 0.00	35.04 1.25 0.00	35.46 1.46 0.00	36.22 1.85 0.00	39.11 2.18 0.00	44.11 2.60 -0.25	49.12 2.76 -0.38	53.80 3.01 -0.65	58.42 3.23 -0.46	62.78 3.52 -0.52	69.16 3.73 0.00	88.42 5.55 -0.10	104.37 7.19 0.00	107.79 6.67 0.00	95.10 5.38 0.00	75.73 2.98 0.00	65.53 2.88 0.00	55.85 2.66 0.00	49.28 2.52 0.00
BEACON___LESR 323632	45.45 0.50 0.00	40.96 0.49 0.00	36.22 0.50 0.00	33.36 0.62 0.00	32.17 0.63 0.00	34.26 0.61 0.00	34.32 0.54 0.00	34.58 0.58 0.00	34.95 0.58 0.00	37.41 0.48 0.00	41.43 0.37 0.19	46.05 0.37 0.30	49.83 0.20 0.51	54.81 0.44 0.36	58.92 0.59 0.40	66.22 0.79 0.00	83.94 1.24 0.07	99.02 1.84 0.00	102.94 1.82 0.00	91.06 1.35 0.00	73.33 0.58 0.00	63.15 0.50 0.00	53.56 0.37 0.00	47.22 0.47 0.00
BEAVER RIVER___HYD 24048	46.80 1.84 0.00	41.77 1.29 0.00	36.72 1.00 0.00	33.56 0.82 0.00	32.14 0.60 0.00	34.36 0.71 0.00	34.56 0.78 0.00	34.75 0.75 0.00	35.05 0.69 0.00	37.67 0.74 0.00	42.00 0.74 0.00	46.76 0.78 0.00	51.14 1.00 0.00	55.77 1.04 0.00	59.80 1.06 0.00	67.07 1.64 0.00	84.43 1.65 0.00	99.22 2.04 0.00	104.15 3.03 0.00	93.40 3.68 0.00	79.33 3.28 -3.31	74.07 2.75 -8.67	55.08 1.86 -0.03	47.83 1.08 0.00
BEEBEE_GT_13 23619	45.09 0.13 0.00	40.92 0.45 0.00	35.72 0.00 0.00	32.29 -0.46 0.00	31.07 -0.47 0.00	33.15 -0.50 0.00	33.31 -0.47 0.00	33.29 -0.71 0.00	33.65 -0.72 0.00	36.34 -0.59 0.00	40.80 -0.45 0.00	45.66 -0.32 0.00	49.64 -0.50 0.00	54.29 -0.44 0.00	57.56 -1.17 0.00	64.39 -1.05 0.00	80.38 -2.40 0.00	93.48 -3.69 0.00	97.78 -3.34 0.00	86.67 -3.05 0.00	71.51 -1.24 0.00	61.14 -1.50 0.00	52.29 -0.90 0.00	46.28 -0.47 0.00
BENSHRST_27_KV_BENSHRST_1 355998	47.21 2.25 0.00	42.58 2.10 0.00	37.61 1.89 0.00	34.48 1.74 0.00	33.15 1.61 0.00	35.34 1.68 0.00	35.51 1.72 0.00	35.84 1.84 0.00	36.60 2.23 0.00	39.59 2.66 0.00	44.68 3.18 -0.25	49.72 3.36 -0.38	54.45 3.66 -0.65	58.97 3.78 -0.46	63.01 3.76 -0.52	69.36 3.93 0.00	89.16 6.29 -0.10	105.44 8.26 0.00	108.60 7.48 0.00	95.82 6.10 0.00	75.87 3.13 0.00	65.90 3.26 0.00	56.59 3.40 0.00	49.93 3.18 0.00
BETHLEHEM___GRP 23843	44.69 -0.27 0.00	40.27 -0.20 0.00	35.68 -0.04 0.00	32.91 0.16 0.00	31.77 0.22 0.00	33.79 0.13 0.00	33.92 0.14 0.00	34.10 0.10 0.00	34.47 0.10 0.00	36.93 0.00 0.00	40.87 -0.21 0.18	45.43 -0.28 0.27	49.22 -0.45 0.47	54.07 -0.33 0.34	58.12 -0.23 0.38	65.11 -0.33 0.00	82.62 -0.08 0.07	97.37 0.19 0.00	101.12 0.00 0.00	89.54 -0.18 0.00	72.16 -0.58 0.00	62.21 -0.44 0.00	52.76 -0.43 0.00	46.52 -0.23 0.00
BETHLEHEM___GS1 323560	44.65 -0.31 0.00	40.27 -0.20 0.00	35.68 -0.04 0.00	32.91 0.16 0.00	31.77 0.22 0.00	33.79 0.14 0.00	33.85 0.07 0.00	34.10 0.10 0.00	34.47 0.10 0.00	36.93 0.00 0.00	40.87 -0.21 0.18	45.38 -0.32 0.27	49.17 -0.50 0.47	54.01 -0.38 0.34	58.07 -0.29 0.38	65.18 -0.26 0.00	82.54 -0.17 0.07	97.37 0.19 0.00	101.12 0.00 0.00	89.54 -0.18 0.00	72.09 -0.66 0.00	62.21 -0.44 0.00	52.76 -0.43 0.00	46.57 -0.19 0.00
BETHLEHEM___GS2 323561	44.65 -0.31 0.00	40.27 -0.20 0.00	35.68 -0.04 0.00	32.91 0.16 0.00	31.77 0.22 0.00	33.79 0.14 0.00	33.85 0.07 0.00	34.10 0.10 0.00	34.47 0.10 0.00	36.93 0.00 0.00	40.87 -0.21 0.18	45.38 -0.32 0.27	49.17 -0.50 0.47	54.01 -0.38 0.34	58.07 -0.29 0.38	65.18 -0.26 0.00	82.54 -0.17 0.07	97.37 0.19 0.00	101.12 0.00 0.00	89.54 -0.18 0.00	72.09 -0.66 0.00	62.21 -0.44 0.00	52.76 -0.43 0.00	46.57 -0.19 0.00
BETHLEHEM___GS3 323562	44.65 -0.31 0.00	40.27 -0.20 0.00	35.68 -0.04 0.00	32.91 0.16 0.00	31.77 0.22 0.00	33.79 0.14 0.00	33.85 0.07 0.00	34.10 0.10 0.00	34.47 0.10 0.00	36.93 0.00 0.00	40.87 -0.21 0.18	45.38 -0.32 0.27	49.17 -0.50 0.47	54.01 -0.38 0.34	58.07 -0.29 0.38	65.18 -0.26 0.00	82.54 -0.17 0.07	97.37 0.19 0.00	101.12 0.00 0.00	89.54 -0.18 0.00	72.09 -0.66 0.00	62.21 -0.44 0.00	52.76 -0.43 0.00	46.57 -0.19 0.00
BETHLEHEM___STEEL 23779	44.96 0.00 0.00	41.08 0.61 0.00	35.61 -0.11 0.00	32.06 -0.69 0.00	30.85 -0.69 0.00	32.88 -0.77 0.00	33.14 -0.64 0.00	32.74 -1.26 0.00	33.10 -1.27 0.00	35.82 -1.11 0.00	40.27 -0.99 0.00	45.06 -0.92 0.00	48.64 -1.50 0.00	53.36 -1.37 0.00	56.27 -2.47 0.00	63.28 -2.16 0.00	77.97 -4.80 0.00	90.67 -6.51 0.00	94.75 -6.37 0.00	84.06 -5.65 0.00	69.98 -2.76 0.00	59.51 -3.13 0.00	51.28 -1.91 0.00	45.86 -0.89 0.00
BETHLHEM_115KV_TB1 79974	44.82 -0.13 0.00	40.39 -0.08 0.00	35.76 0.04 0.00	32.97 0.23 0.00	31.83 0.28 0.00	33.85 0.20 0.00	33.99 0.20 0.00	34.20 0.20 0.00	34.57 0.21 0.00	37.00 0.07 0.17	41.00 -0.08 0.17	45.58 -0.14 0.26	49.40 -0.30 0.44	54.19 -0.22 0.32	58.32 -0.06 0.36	65.31 -0.13 0.00	82.79 0.08 0.07	97.57 0.39 0.00	101.42 0.30 0.00	89.72 0.00 0.00	72.31 -0.44 0.00	62.40 -0.25 0.00	52.92 -0.27 0.00	46.66 -0.09 0.00
BETHPAGE_CC_5 323564	46.17 1.21 0.00	42.70 2.22 -0.01	37.72 2.00 0.00	34.45 1.70 0.00	33.09 1.55 0.00	35.33 1.68 0.00	35.14 1.35 0.00	35.67 1.67 0.00	36.60 2.23 0.00	39.55 2.62 0.00	44.83 2.97 -0.60	49.47 3.03 -0.46	53.70 2.91 -0.65	58.09 2.90 -0.46	63.07 3.82 -0.52	69.69 4.25 0.00	93.93 5.88 -5.28	105.65 7.97 -0.51	107.80 7.38 0.70	95.37 5.66 0.00	75.95 3.20 0.00	65.03 2.38 0.00	57.39 2.98 -1.22	48.67 1.92 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.00 0.04 0.00	41.12 0.65 0.00	35.65 -0.07 0.00	32.09 -0.65 0.00	30.88 -0.66 0.00	32.91 -0.74 0.00	33.18 -0.61 0.00	32.81 -1.19 0.00	33.16 -1.20 0.00	35.90 -1.03 0.00	40.35 -0.91 0.00	45.20 -0.78 0.00	48.79 -1.35 0.00	53.53 -1.20 0.00	56.50 -2.23 0.00	63.47 -1.96 0.00	78.22 -4.55 0.00	91.06 -6.12 0.00	95.15 -5.97 0.00	84.33 -5.38 0.00	70.20 -2.55 0.00	59.70 -2.94 0.00	51.38 -1.81 0.00	45.96 -0.79 0.00
BINGHAMTON___COGEN 23790	45.18 0.22 0.00	40.79 0.32 0.00	35.86 0.14 0.00	32.78 0.03 0.00	31.54 0.00 0.00	33.65 0.00 0.00	33.75 -0.03 0.00	33.86 -0.14 0.00	34.20 -0.17 0.00	36.82 -0.11 0.00	41.22 -0.04 0.00	45.98 0.00 0.00	50.14 0.00 0.00	54.84 0.11 0.00	58.74 0.00 0.00	65.50 0.07 0.00	82.44 -0.33 0.00	96.69 -0.49 0.00	100.72 -0.40 0.00	89.36 -0.36 0.00	72.82 0.07 0.00	62.58 -0.06 0.00	53.19 0.00 0.00	46.85 0.09 0.00

BIXINCNT_115KV_LOAD 355685	45.00 0.04 0.00	41.04 0.57 0.00	35.54 -0.18 0.00	31.96 -0.79 0.00	30.72 -0.82 0.00	32.74 -0.91 0.00	33.01 -0.78 0.00	32.78 -1.22 0.00	33.20 -1.17 0.00	35.93 -1.00 0.00	40.35 -0.91 0.00	45.20 -0.78 0.00	48.79 -1.35 0.00	53.47 -1.26 0.00	56.39 -2.35 0.00	63.54 -1.90 0.00	78.55 -4.22 0.00	91.44 -5.73 0.00	95.66 -5.46 0.00	84.87 -4.84 0.00	70.56 -2.18 0.00	60.08 -2.57 0.00	51.54 -1.65 0.00	45.77 -0.98 0.00
BLACK RIVER___HYD 24047	47.70 2.74 0.00	42.61 2.14 0.00	37.47 1.75 0.00	34.18 1.44 0.00	32.68 1.13 0.00	34.93 1.28 0.00	35.07 1.28 0.00	35.19 1.19 0.00	35.40 1.03 0.00	38.04 1.11 0.00	42.41 1.15 0.00	47.26 1.29 0.00	51.74 1.60 0.00	56.48 1.75 0.00	60.56 1.82 0.00	67.66 2.23 0.00	85.26 2.48 0.00	100.48 3.31 0.00	105.97 4.85 0.00	95.28 5.56 0.00	79.83 4.80 -2.28	72.76 4.13 -5.98	56.18 2.98 -0.02	48.76 2.01 0.00
BLACKRVR_115KV_TB2 79977	47.70 2.74 0.00	42.62 2.14 0.00	37.47 1.75 0.00	34.18 1.44 0.00	32.68 1.14 0.00	34.93 1.28 0.00	35.10 1.32 0.00	35.19 1.19 0.00	35.40 1.03 0.00	38.04 1.11 0.00	42.41 1.16 0.00	47.27 1.29 0.00	51.74 1.60 0.00	56.48 1.75 0.00	60.50 1.76 0.00	67.73 2.29 0.00	85.26 2.48 0.00	100.48 3.30 0.00	105.97 4.85 0.00	95.28 5.56 0.00	79.83 4.80 -2.28	72.76 4.13 -5.98	56.19 2.98 -0.02	48.76 2.01 0.00
BLDWN_LI_69_KV_BK4 356085	46.80 1.84 0.00	42.94 2.47 0.00	37.86 2.14 0.00	34.51 1.77 0.00	33.22 1.67 0.00	35.47 1.82 0.00	35.41 1.62 0.00	35.80 1.80 0.00	36.74 2.37 0.00	39.77 2.84 0.00	45.32 3.26 -0.80	50.14 3.54 -0.63	54.32 3.51 -0.68	58.75 3.56 -0.46	63.98 4.70 -0.54	70.43 4.97 -0.02	105.86 6.46 -16.63	107.32 8.55 -1.59	109.11 7.99 0.00	96.11 6.37 -0.02	76.92 4.15 -0.02	66.03 3.38 0.00	67.27 3.72 -10.35	49.93 3.18 0.00
BLISS_WT_PWR 323608	45.00 0.05 0.00	41.00 0.52 0.00	35.54 -0.18 0.00	31.79 -0.95 0.00	30.60 -0.95 0.00	32.64 -1.01 0.00	32.84 -0.95 0.00	32.74 -1.26 0.00	33.16 -1.20 0.00	35.94 -1.00 0.00	40.35 -0.91 0.00	45.29 -0.69 0.00	48.84 -1.30 0.00	53.47 -1.26 0.00	56.68 -2.06 0.00	63.08 -2.35 0.00	78.56 -4.22 0.00	91.35 -5.83 0.00	95.66 -5.46 0.00	84.78 -4.93 0.00	70.71 -2.04 0.00	60.27 -2.38 0.00	51.49 -1.70 0.00	45.91 -0.84 0.00
BLUESTONE___WT_PWR 323821	47.47 2.52 0.00	42.70 2.22 0.00	37.58 1.86 0.00	34.35 1.60 0.00	32.93 1.39 0.00	35.20 1.55 0.00	35.34 1.55 0.00	35.46 1.46 0.00	35.74 1.38 0.00	38.52 1.59 0.00	43.03 1.77 0.00	48.05 2.07 0.00	52.60 2.46 0.00	57.63 2.90 0.00	61.91 3.17 0.00	68.84 3.40 0.00	86.59 3.81 0.00	102.03 4.86 0.00	106.68 5.56 0.00	95.01 5.29 0.00	77.11 4.36 0.00	66.28 3.63 0.00	55.95 2.76 0.00	49.00 2.24 0.00
BLUE_CIRC_CHEM_DRP 24182	45.50 0.54 0.00	41.04 0.57 0.00	36.33 0.61 0.00	33.43 0.69 0.00	32.24 0.69 0.00	34.36 0.71 0.00	34.39 0.61 0.00	34.54 0.54 0.00	34.78 0.41 0.00	37.19 0.26 0.00	41.30 0.17 0.12	45.93 0.14 0.18	49.63 -0.20 0.31	53.47 -1.04 0.22	57.55 -0.94 0.25	64.39 -1.05 0.00	81.65 -1.08 0.05	94.86 -0.87 1.45	97.73 -0.91 2.48	88.73 -0.99 0.00	71.73 -1.02 0.00	61.83 -0.81 0.00	52.45 -0.74 0.00	47.08 0.33 0.00
BOC_GAS_DRP 24189	45.09 0.13 0.00	40.67 0.20 0.00	36.01 0.29 0.00	33.17 0.43 0.00	31.99 0.44 0.00	34.06 0.40 0.00	34.16 0.37 0.00	34.41 0.41 0.00	34.75 0.38 0.00	37.26 0.33 0.00	41.43 0.29 0.11	46.13 0.32 0.17	50.04 0.20 0.30	54.74 0.22 0.21	58.85 0.35 0.24	65.76 0.33 0.00	83.31 0.58 0.04	98.14 0.87 -0.09	101.99 0.71 -0.16	90.17 0.45 0.00	72.82 0.07 0.00	62.77 0.13 0.00	53.30 0.11 0.00	46.99 0.23 0.00
BOONVILLE_115KV_TB1 79983	46.40 1.44 0.00	41.56 1.09 0.00	36.61 0.89 0.00	33.53 0.79 0.00	32.14 0.60 0.00	34.33 0.67 0.00	34.50 0.71 0.00	34.68 0.68 0.00	35.02 0.65 0.00	37.67 0.74 0.00	42.08 0.83 0.00	46.90 0.92 0.00	51.29 1.15 0.00	56.04 1.31 0.00	60.15 1.41 0.00	67.20 1.77 0.00	84.68 1.90 0.00	99.61 2.43 0.00	104.05 2.93 0.00	92.86 3.14 0.00	76.53 2.55 -1.24	67.97 2.07 -3.25	54.64 1.44 -0.01	47.73 0.98 0.00
BORALEX_4TH_BRANCH 23824	46.53 1.57 0.00	42.05 1.58 0.00	37.26 1.54 0.00	34.25 1.51 0.00	33.03 1.48 0.00	35.17 1.51 0.00	35.27 1.49 0.00	35.50 1.50 0.00	35.98 1.62 0.00	38.41 1.48 0.00	42.16 1.40 0.50	46.74 1.52 0.76	50.50 1.65 1.30	55.68 1.86 0.91	59.89 2.17 1.02	67.92 2.49 0.00	86.06 3.48 0.19	101.84 4.66 0.00	105.77 4.65 0.00	93.57 3.86 0.00	75.37 2.62 0.00	64.84 2.19 0.00	55.00 1.81 0.00	48.44 1.68 0.00
BOWLINE___1 23526	45.77 0.81 0.00	41.40 0.93 0.00	36.69 0.96 0.00	33.73 0.98 0.00	32.46 0.92 0.00	34.56 0.91 0.00	34.66 0.88 0.00	35.02 1.02 0.00	35.67 1.31 0.00	38.37 1.44 0.00	43.22 1.73 -0.23	48.18 1.84 -0.36	52.81 2.06 -0.61	57.52 2.35 -0.43	61.87 2.65 -0.49	68.31 2.88 0.00	87.09 4.22 -0.09	102.81 5.63 0.00	106.27 5.15 0.00	93.76 4.04 0.00	74.93 2.18 0.00	64.71 2.06 0.00	55.00 1.81 0.00	48.39 1.64 0.00
BOWLINE___2 23595	45.86 0.90 0.00	41.44 0.97 0.00	36.69 0.96 0.00	33.73 0.98 0.00	32.46 0.92 0.00	34.59 0.94 0.00	34.66 0.88 0.00	35.06 1.06 0.00	35.71 1.34 0.00	38.41 1.48 0.00	43.26 1.77 -0.23	48.27 1.93 -0.36	52.91 2.15 -0.61	57.57 2.41 -0.43	61.93 2.70 -0.49	68.38 2.95 0.00	87.25 4.38 -0.09	102.91 5.73 0.00	106.38 5.25 0.00	93.93 4.22 0.00	75.07 2.33 0.00	64.78 2.13 0.00	55.05 1.86 0.00	48.48 1.73 0.00
BRADY___115KV_TB2 356060	46.58 1.62 0.00	41.36 0.89 0.00	36.36 0.64 0.00	33.30 0.56 0.00	32.05 0.50 0.00	34.19 0.54 0.00	34.70 0.91 0.00	34.85 0.85 0.00	35.16 0.79 0.00	37.67 0.74 0.00	42.00 0.74 0.00	46.71 0.74 0.00	51.04 0.90 0.00	55.39 0.66 0.00	59.44 0.70 0.00	66.29 0.85 0.00	84.18 1.41 0.00	97.66 0.49 0.00	102.23 1.11 0.00	92.05 2.33 0.00	87.07 2.76 -11.56	95.38 2.44 -30.29	55.25 1.97 -0.09	47.78 1.03 0.00
BRANSCOMB___SOLAR 323811	46.80 1.84 0.00	42.17 1.70 0.00	37.33 1.61 0.00	34.22 1.47 0.00	33.00 1.45 0.00	35.20 1.55 0.00	35.27 1.48 0.00	35.40 1.39 0.00	35.71 1.34 0.00	38.00 1.07 0.00	41.83 0.82 0.25	46.56 0.97 0.38	50.54 1.05 0.65	55.69 1.42 0.46	59.87 1.64 0.51	67.59 2.16 0.00	85.83 3.14 0.10	101.55 4.38 0.00	106.17 5.05 0.00	94.20 4.48 0.00	76.02 3.28 0.00	65.34 2.69 0.00	55.32 2.13 0.00	48.62 1.87 0.00
BRDGHMPT_69_KV_BK1 55812	47.79 2.83 0.00	44.07 3.60 0.00	38.68 2.96 0.00	35.10 2.36 0.00	33.72 2.18 0.00	36.08 2.42 0.00	35.81 2.03 0.00	36.18 2.18 0.00	37.36 2.99 0.00	40.59 3.66 0.00	46.21 4.41 -0.54	51.07 4.69 -0.40	55.20 4.41 -0.65	59.52 4.32 -0.46	65.06 5.81 -0.51	71.52 6.09 0.00	93.33 8.61 -1.94	109.04 11.66 -0.20	111.17 11.02 0.97	98.23 8.52 0.01	77.54 4.80 0.00	66.22 3.57 0.00	54.67 3.46 1.98	50.40 3.65 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	46.89 1.93 0.00	43.30 2.83 0.00	38.08 2.36 0.00	34.64 1.90 0.00	33.37 1.83 0.00	35.64 1.99 0.00	35.54 1.76 0.00	35.94 1.94 0.00	36.95 2.58 0.00	39.96 3.03 0.00	45.35 3.55 -0.55	49.88 3.49 -0.41	53.95 3.16 -0.65	58.31 3.12 -0.46	63.60 4.35 -0.51	69.88 4.45 0.00	90.77 5.71 -2.28	105.46 8.07 -0.22	107.57 7.38 0.93	95.36 5.65 0.00	76.09 3.35 0.00	65.53 2.88 0.00	54.73 3.19 1.66	49.98 3.23 0.00
BRISTLHL_115KV_TB1 79998	44.33 -0.63 0.00	39.99 -0.49 0.00	35.18 -0.54 0.00	32.15 -0.59 0.00	30.94 -0.60 0.00	33.05 -0.61 0.00	33.11 -0.68 0.00	33.25 -0.75 0.00	33.65 -0.72 0.00	36.19 -0.74 0.00	40.47 -0.78 0.00	45.15 -0.83 0.00	49.34 -0.80 0.00	53.86 -0.88 0.00	57.62 -1.12 0.00	64.26 -1.18 0.00	81.04 -1.74 0.00	95.14 -2.04 0.00	99.20 -1.92 0.00	88.10 -1.61 0.00	71.51 -1.24 0.00	61.52 -1.13 0.00	52.34 -0.85 0.00	46.00 -0.75 0.00
BROOKHAVEN___DRP 24191	46.40 1.44 0.00	42.90 2.43 0.00	37.68 1.96 0.00	34.28 1.54 0.00	32.96 1.42 0.00	35.23 1.58 0.00	35.10 1.32 0.00	35.50 1.50 0.00	36.53 2.17 0.00	39.59 2.66 0.00	44.93 3.14 -0.54	49.51 3.13 -0.40	53.49 2.71 -0.65	57.77 2.57 -0.46	63.07 3.82 -0.51	69.42 3.99 0.00	90.51 5.79 -1.94	105.63 8.26 -0.20	107.84 7.69 0.97	95.54 5.83 0.01	75.72 2.98 0.00	64.90 2.26 0.00	53.76 2.55 1.98	49.46 2.71 0.00
BROOKLYN_NAVY_YARD 23515	46.40 1.44 0.00	41.97 1.50 0.00	37.08 1.36 0.00	34.02 1.28 0.00	32.71 1.17 0.00	34.90 1.25 0.00	35.04 1.25 0.00	35.46 1.46 0.00	36.29 1.92 0.00	39.15 2.22 0.00	44.11 2.60 -0.25	49.12 2.76 -0.38	53.80 3.01 -0.65	58.42 3.23 -0.46	62.84 3.58 -0.52	69.23 3.79 0.00	88.58 5.71 -0.10	104.47 7.29 0.00	108.45 6.78 -0.55	95.19 5.47 0.00	75.80 3.05 0.00	65.53 2.88 0.00	55.90 2.71 0.00	49.32 2.57 0.00
BROOKLYN___ARMY_DRP 323595	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
BROOME_2_LFGE 323671	45.18 0.23 0.00	40.79 0.32 0.00	35.86 0.14 0.00	32.74 0.00 0.00	31.51 -0.03 0.00	33.65 0.00 0.00	33.75 -0.03 0.00	33.87 -0.14 0.00	34.20 -0.17 0.00	36.82 -0.11 0.00	41.22 -0.04 0.00	46.02 0.05 0.00	50.19 0.05 0.00	54.90 0.16 0.00	58.80 0.06 0.00	65.50 0.07 0.00	82.45 -0.33 0.00	96.69 -0.48 0.00	100.72 -0.40 0.00	89.36 -0.36 0.00	72.82 0.07 0.00	62.65 0.00 0.00	53.19 0.00 0.00	46.85 0.09 0.00
BROOME___LFGE 323600	45.18 0.23 0.00	40.79 0.32 0.00	35.86 0.14 0.00	32.74 0.00 0.00	31.51 -0.03 0.00	33.65 0.00 0.00	33.75 -0.03 0.00	33.87 -0.14 0.00	34.20 -0.17 0.00	36.82 -0.11 0.00	41.22 -0.04 0.00	46.02 0.05 0.00	50.19 0.05 0.00	54.90 0.16 0.00	58.80 0.06 0.00	65.50 0.07 0.00	82.45 -0.33 0.00	96.69 -0.48 0.00	100.72 -0.40 0.00	89.36 -0.36 0.00	72.82 0.07 0.00	62.65 0.00 0.00	53.19 0.00 0.00	46.85 0.09 0.00
BROWNFLS_115KV_TB 3_5 80003	46.49 1.53 0.00	41.36 0.89 0.00	36.36 0.64 0.00	33.24 0.49 0.00	31.92 0.38 0.00	34.09 0.44 0.00	34.46 0.68 0.00	34.65 0.65 0.00	34.99 0.62 0.00	37.56 0.63 0.00	41.92 0.66 0.00	46.62 0.64 0.00	50.99 0.85 0.00	55.50 0.77 0.00	59.50 0.76 0.00	66.61 1.18 0.00	84.18 1.41 0.00	98.25 1.07 0.00	102.94 1.82 0.00	92.50 2.78 0.00	81.50 2.76 -5.99	80.66 2.32 -15.69	54.94 1.70 -0.05	47.55 0.79 0.00
BROWNSV1_27_KV_LOAD 356125	46.94 1.98 0.00	42.37 1.90 0.00	37.43 1.71 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.41 1.62 0.00	35.77 1.77 0.00	36.57 2.20 0.00	39.48 2.55 0.00	44.56 3.05 -0.25	49.72 3.36 -0.38	54.45 3.66 -0.65	59.13 3.94 -0.46	63.66 4.41 -0.52	70.15 4.71 0.00	89.66 6.79 -0.10	105.73 8.55 0.00	109.21 8.09 0.00	96.36 6.64 0.00	76.75 4.00 0.00	66.41 3.76 0.00	56.49 3.30 0.00	49.88 3.13 0.00
BURROWS___LYONSDAL 23803	46.44 1.48 0.00	41.56 1.09 0.00	36.61 0.89 0.00	33.50 0.75 0.00	32.11 0.57 0.00	34.29 0.64 0.00	34.46 0.68 0.00	34.68 0.68 0.00	34.99 0.62 0.00	37.63 0.70 0.00	42.04 0.78 0.00	46.81 0.83 0.00	51.19 1.05 0.00	55.94 1.20 0.00	60.03 1.29 0.00	67.20 1.77 0.00	84.60 1.82 0.00	99.41 2.24 0.00	104.05 2.93 0.00	92.95 3.23 0.00	77.01 2.62 -1.65	69.15 2.19 -4.32	54.64 1.44 -0.01	47.69 0.94 0.00
CAITHNESS_CC_1 323624	46.08 1.12 0.00	42.87 2.39 -0.01	37.68 1.96 0.00	34.35 1.60 0.00	32.97 1.42 0.00	35.23 1.58 0.00	34.94 1.15 0.00	35.50 1.49 0.00	36.53 2.17 0.00	39.55 2.62 0.00	44.85 3.05 -0.54	49.37 2.99 -0.40	53.39 2.61 -0.65	57.60 2.41 -0.46	62.77 3.52 -0.51	69.23 3.79 0.00	90.25 5.55 -1.93	105.34 7.97 -0.20	107.53 7.38 0.97	95.09 5.38 0.01	75.36 2.62 0.00	64.46 1.82 0.00	53.70 2.50 1.99	48.43 1.68 0.00
CALPINE BETH_PAGE_GT4 24209	46.44 1.48 0.00	42.70 2.23 0.00	37.76 2.04 0.00	34.41 1.67 0.00	33.12 1.58 0.00	35.37 1.72 0.00	35.34 1.55 0.00	35.73 1.73 0.00	36.67 2.30 0.00	39.55 2.62 0.00	44.90 3.01 -0.63	49.58 3.13 -0.48	53.86 3.06 -0.66	58.26 3.06 -0.46	63.37 4.11 -0.52	69.89 4.45 0.00	95.53 6.04 -6.72	105.98 8.16 -0.64	108.03 7.48 0.57	95.64 5.92 0.00	76.24 3.49 0.00	65.40 2.76 0.00	58.90 3.09 -2.62	49.51 2.76 0.00
CALPINE_BETH_PAGE_GT_4 323586	46.22 1.26 0.00	42.70 2.22 -0.01	37.76 2.04 0.00	34.48 1.73 0.00	33.12 1.58 0.00	35.40 1.75 0.00	35.20 1.42 0.00	35.73 1.73 0.00	36.67 2.30 0.00	39.55 2.62 0.00	44.90 3.01 -0.63	49.54 3.08 -0.48	53.80 3.01 -0.66	58.20 3.01 -0.46	63.19 3.94 -0.52	69.83 4.38 0.00	95.53 6.04 -6.72	105.98 8.16 -0.64	108.14 7.59 0.57	95.47 5.75 0.00	76.10 3.35 0.00	65.16 2.51 0.00	58.90 3.08 -2.62	48.76 2.01 0.00
CALPINE_BP_GT1 23823	46.22 1.26 0.00	42.70 2.22 -0.01	37.76 2.04 0.00	34.48 1.73 0.00	33.12 1.58 0.00	35.40 1.75 0.00	35.20 1.42 0.00	35.73 1.73 0.00	36.67 2.30 0.00	39.55 2.62 0.00	44.90 3.01 -0.63	49.54 3.08 -0.48	53.80 3.01 -0.66	58.20 3.01 -0.46	63.19 3.94 -0.52	69.83 4.38 0.00	95.53 6.04 -6.72	105.98 8.16 -0.64	108.14 7.59 0.57	95.47 5.75 0.00	76.10 3.35 0.00	65.16 2.51 0.00	58.90 3.08 -2.62	48.76 2.01 0.00
CALSPAN___DRP 24200	44.96 0.00 0.00	41.08 0.61 0.00	35.61 -0.11 0.00	32.06 -0.69 0.00	30.85 -0.69 0.00	32.88 -0.77 0.00	33.14 -0.64 0.00	32.74 -1.26 0.00	33.10 -1.27 0.00	35.82 -1.11 0.00	40.27 -0.99 0.00	45.06 -0.92 0.00	48.64 -1.50 0.00	53.36 -1.37 0.00	56.27 -2.47 0.00	63.28 -2.16 0.00	77.97 -4.80 0.00	90.67 -6.51 0.00	94.75 -6.37 0.00	84.06 -5.65 0.00	69.98 -2.76 0.00	59.51 -3.13 0.00	51.28 -1.91 0.00	45.86 -0.89 0.00

CALVERTON___SOLAR 323806	46.26 1.30 0.00	42.99 2.51 -0.01	37.83 2.11 0.00	34.41 1.67 0.00	33.03 1.48 0.00	35.33 1.68 0.00	34.97 1.18 0.00	35.53 1.53 0.00	36.57 2.20 0.00	39.66 2.73 0.00	45.02 3.22 -0.54	49.60 3.22 -0.40	53.64 2.86 -0.65	57.93 2.74 -0.46	63.07 3.82 -0.51	69.62 4.19 0.00	90.84 6.13 -1.94	106.12 8.75 -0.20	108.34 8.19 0.97	95.82 6.10 0.01	75.80 3.05 0.00	64.78 2.13 0.00	53.87 2.66 1.98	48.57 1.82 0.00
CANDIGU_WT_PWR 323617	45.18 0.23 0.00	41.00 0.52 0.00	35.76 0.04 0.00	32.32 -0.43 0.00	31.10 -0.44 0.00	33.18 -0.47 0.00	33.31 -0.47 0.00	33.15 -0.85 0.00	33.37 -1.00 0.00	35.94 -1.00 0.00	40.27 -0.99 0.00	45.06 -0.92 0.00	48.89 -1.25 0.00	53.53 -1.20 0.00	57.03 -1.71 0.00	63.41 -2.03 0.00	79.22 -3.56 0.00	92.81 -4.37 0.00	97.07 -4.05 0.00	86.57 -3.14 0.00	71.51 -1.24 0.00	61.21 -1.44 0.00	52.13 -1.06 0.00	46.33 -0.42 0.00
CARR STREET_E_SYR 24060	44.60 -0.36 0.00	40.19 -0.28 0.00	35.36 -0.36 0.00	32.29 -0.46 0.00	31.10 -0.44 0.00	33.18 -0.47 0.00	33.24 -0.54 0.00	33.42 -0.58 0.00	33.82 -0.55 0.00	36.38 -0.55 0.00	40.72 -0.54 0.00	45.47 -0.50 0.00	49.64 -0.50 0.00	54.08 -0.65 0.00	57.97 -0.77 0.00	64.52 -0.92 0.00	81.45 -1.33 0.00	95.52 -1.65 0.00	99.61 -1.51 0.00	88.37 -1.34 0.00	71.80 -0.95 0.00	61.77 -0.88 0.00	52.39 -0.80 0.00	46.24 -0.51 0.00
CARTHAGE___PAPER 23857	47.25 2.29 0.00	42.17 1.70 0.00	37.08 1.36 0.00	33.86 1.11 0.00	32.40 0.85 0.00	34.63 0.98 0.00	34.83 1.05 0.00	34.99 0.99 0.00	35.23 0.86 0.00	37.82 0.88 0.00	42.16 0.91 0.00	46.94 0.97 0.00	51.34 1.20 0.00	56.04 1.31 0.00	60.09 1.35 0.00	67.27 1.83 0.00	84.85 2.07 0.00	99.80 2.62 0.00	105.06 3.94 0.00	94.47 4.75 0.00	79.57 4.14 -2.68	73.24 3.57 -7.02	55.71 2.50 -0.02	48.29 1.54 0.00
CASSADAGA_WT_PWR 323784	45.95 0.99 0.00	41.65 1.17 0.00	36.04 0.32 0.00	32.32 -0.43 0.00	31.36 -0.19 0.00	33.45 -0.20 0.00	33.41 -0.37 0.00	33.22 -0.78 0.00	33.71 -0.65 0.00	36.60 -0.33 0.00	41.17 -0.08 0.00	46.30 0.32 0.00	49.94 -0.20 0.00	54.73 0.00 0.00	58.09 -0.64 0.00	64.52 -0.92 0.00	80.05 -2.73 0.00	93.39 -3.79 0.00	97.58 -3.54 0.00	86.13 -3.59 0.00	71.88 -0.87 0.00	61.64 -1.00 0.00	52.55 -0.64 0.00	46.89 0.14 0.00
CE_DUNWOOD___DRP 24194	46.26 1.30 0.00	41.77 1.30 0.00	36.93 1.21 0.00	33.92 1.18 0.00	32.65 1.10 0.00	34.80 1.14 0.00	34.93 1.15 0.00	35.29 1.29 0.00	35.98 1.62 0.00	38.78 1.85 0.00	43.73 2.23 -0.25	48.79 2.44 -0.38	53.45 2.66 -0.65	58.09 2.90 -0.46	62.54 3.29 -0.52	69.04 3.60 0.00	88.00 5.13 -0.10	103.79 6.61 0.00	107.39 6.27 0.00	94.74 5.02 0.00	75.66 2.91 0.00	65.28 2.63 0.00	55.48 2.29 0.00	48.95 2.20 0.00
CE_MILLWOOD___DRP 24193	46.13 1.17 0.00	41.68 1.21 0.00	36.86 1.14 0.00	33.86 1.11 0.00	32.59 1.04 0.00	34.73 1.08 0.00	34.87 1.08 0.00	35.22 1.22 0.00	35.88 1.51 0.00	38.67 1.74 0.00	43.57 2.06 -0.25	48.61 2.25 -0.38	53.29 2.51 -0.65	57.93 2.74 -0.46	62.42 3.17 -0.51	68.84 3.40 0.00	87.75 4.88 -0.10	103.49 6.32 0.00	107.09 5.97 0.00	94.47 4.75 0.00	75.51 2.76 0.00	65.15 2.51 0.00	55.37 2.18 0.00	48.81 2.06 0.00
CE_NYC2_DRP 24202	46.71 1.75 0.00	42.21 1.74 0.00	37.29 1.57 0.00	34.22 1.47 0.00	32.93 1.39 0.00	35.10 1.45 0.00	35.27 1.49 0.00	35.60 1.60 0.00	36.36 1.99 0.00	39.29 2.36 0.00	44.31 2.81 -0.25	49.39 3.03 -0.38	54.05 3.26 -0.65	58.48 3.28 -0.46	62.48 3.23 -0.52	68.77 3.34 0.00	88.34 5.46 -0.10	104.37 7.19 0.00	107.59 6.47 0.00	94.92 5.20 0.00	75.22 2.47 0.00	65.34 2.69 0.00	56.12 2.93 0.00	49.56 2.81 0.00
CE_NYC_DRP 24195	46.53 1.57 0.00	42.05 1.58 0.00	37.15 1.43 0.00	34.09 1.34 0.00	32.81 1.26 0.00	34.96 1.31 0.00	35.14 1.35 0.00	35.53 1.53 0.00	36.33 1.96 0.00	39.18 2.25 0.00	44.19 2.68 -0.25	49.26 2.90 -0.38	53.95 3.16 -0.65	58.64 3.45 -0.46	63.07 3.82 -0.52	69.49 4.06 0.00	88.75 5.88 -0.10	104.66 7.48 0.00	108.10 6.98 0.00	95.37 5.65 0.00	75.95 3.20 0.00	65.72 3.07 0.00	55.96 2.77 0.00	49.42 2.66 0.00
CHAFFEE___LFGE 323603	45.09 0.14 0.00	41.16 0.69 0.00	35.72 0.00 0.00	31.99 -0.75 0.00	30.85 -0.69 0.00	32.88 -0.77 0.00	33.07 -0.71 0.00	32.84 -1.16 0.00	33.20 -1.17 0.00	35.97 -0.96 0.00	40.39 -0.87 0.00	45.43 -0.55 0.00	48.94 -1.20 0.00	53.69 -1.04 0.00	57.03 -1.71 0.00	63.21 -2.23 0.00	78.47 -4.31 0.00	91.15 -6.03 0.00	95.25 -5.87 0.00	84.51 -5.21 0.00	70.49 -2.26 0.00	60.08 -2.57 0.00	51.44 -1.75 0.00	46.05 -0.70 0.00
CHATEAUG_35_KV_LOAD 355732	45.32 0.36 0.00	40.43 -0.04 0.00	35.51 -0.21 0.00	32.45 -0.29 0.00	31.29 -0.25 0.00	33.42 -0.24 0.00	33.82 0.03 0.00	34.14 0.14 0.00	34.57 0.21 0.00	37.15 0.22 0.00	41.50 0.25 0.00	46.02 0.05 0.00	50.24 0.10 0.00	54.57 -0.16 0.00	58.62 -0.12 0.00	65.37 -0.07 0.00	83.02 0.25 0.00	96.79 -0.39 0.00	100.92 -0.20 0.00	90.08 0.36 0.00	74.99 1.09 -1.16	66.62 0.94 -3.03	53.89 0.69 -0.01	46.89 0.14 0.00
CHATEAUG_WT_PWR 323614	45.28 0.32 0.00	40.39 -0.08 0.00	35.47 -0.25 0.00	32.42 -0.33 0.00	31.23 -0.32 0.00	33.38 -0.27 0.00	33.75 -0.03 0.00	34.10 0.10 0.00	34.54 0.17 0.00	37.15 0.22 0.00	41.55 0.29 0.00	46.07 0.09 0.00	50.29 0.15 0.00	54.62 -0.11 0.00	58.68 -0.06 0.00	65.44 0.00 0.00	83.02 0.25 0.00	96.69 -0.48 0.00	100.82 -0.30 0.00	89.90 0.18 0.00	73.97 0.88 -0.34	64.24 0.69 -0.90	53.72 0.53 0.00	46.75 0.00 0.00
CHAT_HIGH_FALL_HYD 323578	45.32 0.36 0.00	40.43 -0.04 0.00	35.51 -0.21 0.00	32.45 -0.29 0.00	31.29 -0.25 0.00	33.42 -0.24 0.00	33.82 0.03 0.00	34.14 0.14 0.00	34.57 0.21 0.00	37.15 0.22 0.00	41.50 0.25 0.00	46.02 0.05 0.00	50.24 0.10 0.00	54.57 -0.16 0.00	58.62 -0.12 0.00	65.37 -0.07 0.00	83.02 0.25 0.00	96.79 -0.39 0.00	100.92 -0.20 0.00	90.08 0.36 0.00	74.99 1.09 -1.16	66.62 0.94 -3.03	53.89 0.69 -0.01	46.89 0.14 0.00
CHAUTAUQUA___LFGE 323629	45.50 0.54 0.00	41.44 0.97 0.00	35.90 0.18 0.00	32.22 -0.53 0.00	31.13 -0.41 0.00	33.18 -0.47 0.00	33.28 -0.51 0.00	33.08 -0.92 0.00	33.47 -0.89 0.00	36.23 -0.70 0.00	40.76 -0.49 0.00	45.79 -0.18 0.00	49.39 -0.75 0.00	54.13 -0.60 0.00	57.50 -1.24 0.00	63.80 -1.63 0.00	79.22 -3.56 0.00	92.22 -4.95 0.00	96.37 -4.75 0.00	85.41 -4.30 0.00	71.22 -1.53 0.00	60.89 -1.75 0.00	52.02 -1.17 0.00	46.47 -0.28 0.00
CHERRYST_13_KV_LD 356241	46.71 1.75 0.00	42.17 1.70 0.00	37.26 1.54 0.00	34.15 1.41 0.00	32.90 1.36 0.00	35.07 1.41 0.00	35.24 1.45 0.00	35.63 1.63 0.00	36.43 2.06 0.00	39.33 2.40 0.00	44.35 2.85 -0.25	49.49 3.13 -0.38	54.15 3.36 -0.65	58.86 3.67 -0.46	63.31 4.05 -0.52	69.75 4.32 0.00	89.16 6.29 -0.10	105.15 7.97 0.00	108.50 7.38 0.00	95.73 6.01 0.00	76.24 3.49 0.00	65.97 3.32 0.00	56.17 2.98 0.00	49.60 2.85 0.00

CHESTROR_138KV_BK263 355645	45.81 0.85 0.00	41.36 0.89 0.00	36.61 0.89 0.00	33.63 0.88 0.00	32.36 0.82 0.00	34.49 0.84 0.00	34.63 0.84 0.00	34.92 0.92 0.00	35.50 1.13 0.00	38.19 1.26 0.00	42.95 1.49 -0.21	47.96 1.66 -0.32	52.55 1.86 -0.56	57.26 2.13 -0.39	61.64 2.47 -0.44	68.12 2.68 0.00	86.75 3.89 -0.08	102.33 5.15 0.00	105.87 4.75 0.00	93.57 3.86 0.00	75.00 2.26 0.00	64.71 2.07 0.00	54.89 1.70 0.00	48.34 1.59 0.00
CH_MIDHUDSON___DRP 24192	46.17 1.21 0.00	41.68 1.21 0.00	36.86 1.14 0.00	33.86 1.11 0.00	32.59 1.04 0.00	34.73 1.08 0.00	34.87 1.08 0.00	35.19 1.19 0.00	35.74 1.37 0.00	38.48 1.55 0.00	43.21 1.77 -0.18	48.28 2.02 -0.27	52.91 2.31 -0.47	57.69 2.63 -0.33	62.10 3.00 -0.37	68.71 3.27 0.00	87.56 4.72 -0.07	103.30 6.12 0.00	106.99 5.86 0.00	94.47 4.75 0.00	75.66 2.91 0.00	65.22 2.57 0.00	55.32 2.13 0.00	48.67 1.92 0.00
CH_MISC_IPPS 23765	46.40 1.44 0.00	41.93 1.45 0.00	37.08 1.36 0.00	34.06 1.31 0.00	32.74 1.20 0.00	34.93 1.28 0.00	35.04 1.25 0.00	35.33 1.32 0.00	35.92 1.55 0.00	38.67 1.74 0.00	43.47 2.02 -0.20	48.58 2.30 -0.30	53.36 2.71 -0.51	58.21 3.12 -0.36	62.61 3.46 -0.41	69.30 3.86 0.00	88.40 5.55 -0.08	104.37 7.19 0.00	108.09 6.97 0.00	95.46 5.75 0.00	76.38 3.64 0.00	65.78 3.13 0.00	55.80 2.61 0.00	49.00 2.24 0.00
CH_RES_BVR_FALLS 23983	44.91 -0.04 0.00	40.27 -0.20 0.00	35.51 -0.21 0.00	32.52 -0.23 0.00	31.33 -0.22 0.00	33.42 -0.23 0.00	33.62 -0.17 0.00	33.87 -0.14 0.00	34.30 -0.07 0.00	36.89 -0.04 0.00	41.22 -0.04 0.00	45.89 -0.09 0.00	49.99 -0.15 0.00	54.46 -0.27 0.00	58.44 -0.29 0.00	65.05 -0.39 0.00	82.28 -0.49 0.00	96.30 -0.88 0.00	100.31 -0.81 0.00	89.18 -0.54 0.00	72.13 -0.22 0.40	61.34 -0.25 1.06	52.97 -0.21 0.00	46.43 -0.32 0.00
CH_RES_NIAGARA 23895	44.10 -0.85 0.00	40.43 -0.04 0.00	35.11 -0.61 0.00	31.11 -1.64 0.00	29.90 -1.64 0.00	31.84 -1.82 0.00	32.10 -1.69 0.00	31.72 -2.28 0.00	32.03 -2.34 0.00	34.64 -2.29 0.00	38.95 -2.31 0.00	43.54 -2.44 0.00	46.88 -3.26 0.00	51.34 -3.39 0.00	54.04 -4.70 0.00	60.72 -4.71 0.00	74.66 -8.11 0.00	86.58 -10.59 0.00	90.50 -10.62 0.00	80.39 -9.33 0.00	67.07 -5.67 0.00	57.07 -5.58 0.00	49.41 -3.78 0.00	44.32 -2.43 0.00
CH_RES_SYRACUSE 23985	44.87 -0.09 0.00	40.43 -0.04 0.00	35.58 -0.14 0.00	32.48 -0.26 0.00	31.26 -0.28 0.00	33.38 -0.27 0.00	33.45 -0.34 0.00	33.63 -0.37 0.00	34.02 -0.34 0.00	36.60 -0.33 0.00	40.97 -0.29 0.00	45.75 -0.23 0.00	49.99 -0.15 0.00	54.57 -0.16 0.00	58.50 -0.23 0.00	65.11 -0.33 0.00	82.11 -0.67 0.00	96.40 -0.78 0.00	100.42 -0.70 0.00	89.18 -0.54 0.00	72.46 -0.29 0.00	62.34 -0.31 0.00	52.87 -0.32 0.00	46.52 -0.23 0.00
CLINTON_WT_PWR 323605	45.28 0.32 0.00	40.39 -0.08 0.00	35.47 -0.25 0.00	32.42 -0.33 0.00	31.23 -0.32 0.00	33.38 -0.27 0.00	33.75 -0.03 0.00	34.10 0.10 0.00	34.54 0.17 0.00	37.15 0.22 0.00	41.55 0.29 0.00	46.07 0.09 0.00	50.29 0.15 0.00	54.62 -0.11 0.00	58.68 -0.06 0.00	65.44 0.00 0.00	83.02 0.25 0.00	96.69 -0.48 0.00	100.82 -0.30 0.00	89.90 0.18 0.00	73.97 0.88 -0.34	64.24 0.69 -0.90	53.72 0.53 0.00	46.75 0.00 0.00
CLINTON___LFGE 323618	45.81 0.85 0.00	40.83 0.36 0.00	35.83 0.11 0.00	32.74 0.00 0.00	31.58 0.03 0.00	33.72 0.07 0.00	34.12 0.34 0.00	34.44 0.44 0.00	34.92 0.55 0.00	37.56 0.63 0.00	41.96 0.70 0.00	46.44 0.46 0.00	50.74 0.60 0.00	55.06 0.33 0.00	59.09 0.35 0.00	65.96 0.52 0.00	83.77 1.00 0.00	97.47 0.29 0.00	101.63 0.51 0.00	90.71 0.99 0.00	75.12 1.82 -0.56	65.61 1.50 -1.46	54.36 1.17 0.00	47.22 0.47 0.00
COBBLENY_34_KV_TB1 80064	45.05 0.09 0.00	41.16 0.69 0.00	35.68 -0.04 0.00	32.12 -0.62 0.00	30.91 -0.63 0.00	32.95 -0.71 0.00	33.21 -0.57 0.00	32.84 -1.16 0.00	33.20 -1.17 0.00	35.93 -1.00 0.00	40.39 -0.87 0.00	45.24 -0.74 0.00	48.84 -1.30 0.00	53.58 -1.15 0.00	56.56 -2.17 0.00	63.54 -1.90 0.00	78.31 -4.47 0.00	91.15 -6.02 0.00	95.26 -5.86 0.00	84.51 -5.20 0.00	70.27 -2.47 0.00	59.83 -2.82 0.00	51.43 -1.76 0.00	46.00 -0.75 0.00
COFFEEN___115KV_TB3 355620	48.02 3.06 0.00	42.90 2.43 0.00	37.72 2.00 0.00	34.41 1.67 0.00	32.90 1.36 0.00	35.17 1.51 0.00	35.31 1.52 0.00	35.36 1.36 0.00	35.57 1.20 0.00	38.19 1.26 0.00	42.62 1.36 0.00	47.45 1.47 0.00	51.94 1.81 0.00	56.70 1.97 0.00	60.73 2.00 0.00	67.99 2.55 0.00	85.67 2.90 0.00	101.06 3.89 0.00	106.68 5.56 0.00	96.09 6.37 0.00	80.41 5.46 -2.21	73.14 4.70 -5.79	56.61 3.40 -0.02	49.09 2.34 0.00
COLDSPRG_115KV_BK1 355956	45.90 0.94 0.00	41.73 1.25 0.00	36.11 0.39 0.00	32.51 -0.23 0.00	31.39 -0.16 0.00	33.48 -0.17 0.00	33.68 -0.10 0.00	33.42 -0.58 0.00	33.85 -0.52 0.00	36.67 -0.26 0.00	41.26 0.00 0.00	46.25 0.28 0.00	49.94 -0.20 0.00	54.84 0.11 0.00	57.97 -0.76 0.00	65.17 -0.26 0.00	80.46 -2.32 0.00	93.97 -3.21 0.00	98.09 -3.03 0.00	86.85 -2.87 0.00	72.16 -0.58 0.00	61.52 -1.13 0.00	52.71 -0.48 0.00	46.85 0.09 0.00
COLONIE_LFGE___ 323577	46.13 1.17 0.00	41.60 1.13 0.00	36.86 1.14 0.00	33.86 1.11 0.00	32.65 1.10 0.00	34.76 1.11 0.00	34.87 1.08 0.00	35.06 1.06 0.00	35.47 1.10 0.00	37.89 0.96 0.00	41.83 0.87 0.30	46.50 0.97 0.45	50.37 1.00 0.77	55.45 1.26 0.54	59.54 1.41 0.61	67.20 1.77 0.00	85.23 2.57 0.11	100.58 3.40 0.00	104.66 3.54 0.00	92.67 2.96 0.00	74.71 1.96 0.00	64.27 1.63 0.00	54.52 1.33 0.00	48.02 1.26 0.00
COOPERNY_115KV_TB1 80082	45.59 0.63 0.00	41.12 0.65 0.00	36.36 0.64 0.00	33.40 0.65 0.00	32.14 0.60 0.00	34.26 0.61 0.00	34.39 0.61 0.00	34.68 0.68 0.00	35.16 0.79 0.00	37.85 0.92 0.00	42.48 1.07 -0.15	47.40 1.20 -0.22	51.88 1.35 -0.38	56.59 1.59 -0.27	60.86 1.82 -0.30	67.40 1.96 0.00	85.56 2.73 -0.06	100.77 3.60 0.00	104.46 3.34 0.00	92.41 2.69 0.00	74.35 1.60 0.00	64.09 1.44 0.00	54.41 1.22 0.00	47.87 1.12 0.00
COPENHAGEN_WT_PWR 323753	47.38 2.43 0.00	42.33 1.86 0.00	37.22 1.50 0.00	33.99 1.24 0.00	32.52 0.98 0.00	34.76 1.11 0.00	34.90 1.11 0.00	34.99 0.99 0.00	35.23 0.86 0.00	37.85 0.92 0.00	42.25 0.99 0.00	47.08 1.10 0.00	51.49 1.35 0.00	56.21 1.48 0.00	60.26 1.52 0.00	67.34 1.90 0.00	84.85 2.07 0.00	100.00 2.82 0.00	105.27 4.15 0.00	94.56 4.84 0.00	79.05 4.22 -2.09	71.75 3.63 -5.47	55.81 2.61 -0.02	48.48 1.73 0.00
CORNELL_____ 23752	45.90 0.94 0.00	41.32 0.85 0.00	36.33 0.61 0.00	33.17 0.43 0.00	31.89 0.35 0.00	34.06 0.40 0.00	34.16 0.37 0.00	34.24 0.24 0.00	34.57 0.21 0.00	37.12 0.18 0.00	41.46 0.21 0.00	46.25 0.28 0.00	50.49 0.35 0.00	55.22 0.49 0.00	59.15 0.41 0.00	66.03 0.59 0.00	83.27 0.50 0.00	98.05 0.87 0.00	102.43 1.31 0.00	91.24 1.53 0.00	74.20 1.45 0.00	63.77 1.13 0.00	54.09 0.90 0.00	47.45 0.70 0.00

CORONA_69_KV_TB1 355595	46.85 1.89 0.00	42.86 2.39 0.00	37.79 2.07 0.00	34.48 1.74 0.00	33.18 1.64 0.00	35.44 1.78 0.00	35.41 1.62 0.00	35.80 1.80 0.00	36.70 2.34 0.00	39.70 2.77 0.00	45.48 3.18 -1.04	50.35 3.54 -0.84	54.40 3.56 -0.70	58.86 3.67 -0.46	64.01 4.70 -0.57	70.66 5.17 -0.05	122.07 7.04 -32.26	109.11 8.84 -3.09	110.54 8.29 -1.13	96.50 6.73 -0.05	77.16 4.36 -0.05	66.15 3.51 0.00	78.60 3.78 -21.64	49.93 3.18 0.00
CORTLAND_115KV_TB3 80093	45.41 0.45 0.00	40.92 0.45 0.00	36.01 0.29 0.00	32.91 0.16 0.00	31.67 0.13 0.00	33.79 0.13 0.00	33.89 0.10 0.00	34.03 0.03 0.00	34.33 -0.03 0.00	36.93 0.00 0.00	41.30 0.04 0.00	46.07 0.09 0.00	50.29 0.15 0.00	55.00 0.27 0.00	58.91 0.18 0.00	65.76 0.33 0.00	82.86 0.08 0.00	97.47 0.29 0.00	101.63 0.51 0.00	90.34 0.63 0.00	73.47 0.73 0.00	63.15 0.50 0.00	53.56 0.37 0.00	47.08 0.33 0.00
COXSACKIE___GT 23611	47.07 2.11 0.00	42.41 1.94 0.00	37.40 1.68 0.00	34.38 1.64 0.00	33.09 1.55 0.00	35.30 1.65 0.00	35.34 1.55 0.00	35.33 1.32 0.00	35.43 1.07 0.00	37.71 0.78 0.00	42.21 1.03 0.08	46.95 1.10 0.12	50.93 1.00 0.21	55.89 1.31 0.15	60.27 1.70 0.17	67.00 1.57 0.00	86.38 3.64 0.03	100.87 5.54 1.84	104.34 6.37 3.16	94.65 4.93 0.00	76.53 3.78 0.00	65.72 3.07 0.00	55.42 2.23 0.00	48.72 1.96 0.00
CPV_VALLEY___CC1 323721	45.50 0.54 0.00	41.08 0.61 0.00	36.36 0.64 0.00	33.43 0.69 0.00	32.17 0.63 0.00	34.29 0.64 0.00	34.39 0.61 0.00	34.72 0.72 0.00	35.26 0.89 0.00	37.96 1.03 0.00	42.64 1.20 -0.19	47.55 1.29 -0.29	52.09 1.45 -0.49	56.78 1.70 -0.35	61.06 1.94 -0.39	67.53 2.09 0.00	85.91 3.06 -0.07	101.35 4.18 0.00	104.96 3.84 0.00	92.67 2.96 0.00	74.35 1.60 0.00	64.15 1.50 0.00	54.46 1.27 0.00	47.92 1.17 0.00
CPV_VALLEY___CC2 323722	45.50 0.54 0.00	41.08 0.61 0.00	36.36 0.64 0.00	33.43 0.69 0.00	32.17 0.63 0.00	34.29 0.64 0.00	34.39 0.61 0.00	34.72 0.72 0.00	35.26 0.89 0.00	37.96 1.03 0.00	42.64 1.20 -0.19	47.55 1.29 -0.29	52.09 1.45 -0.49	56.78 1.70 -0.35	61.06 1.94 -0.39	67.53 2.09 0.00	85.91 3.06 -0.07	101.35 4.18 0.00	104.96 3.84 0.00	92.67 2.96 0.00	74.35 1.60 0.00	64.15 1.50 0.00	54.46 1.27 0.00	47.92 1.17 0.00
CRESCENT___HYD 24018	46.13 1.17 0.00	41.60 1.13 0.00	36.86 1.14 0.00	33.86 1.11 0.00	32.65 1.10 0.00	34.76 1.11 0.00	34.87 1.08 0.00	35.06 1.06 0.00	35.47 1.10 0.00	37.89 0.96 0.00	41.83 0.87 0.30	46.50 0.97 0.45	50.37 1.00 0.77	55.45 1.26 0.54	59.54 1.41 0.61	67.20 1.77 0.00	85.23 2.57 0.11	100.58 3.40 0.00	104.66 3.54 0.00	92.67 2.96 0.00	74.71 1.96 0.00	64.27 1.63 0.00	54.52 1.33 0.00	48.02 1.26 0.00
CRICKET___VALLEY_CC1 323756	45.50 0.54 0.00	41.16 0.69 0.00	36.47 0.75 0.00	33.53 0.78 0.00	32.30 0.76 0.00	34.39 0.74 0.00	34.50 0.71 0.00	34.82 0.81 0.00	35.40 1.03 0.00	38.00 1.07 0.00	39.23 1.15 3.18	42.32 1.19 4.85	43.20 1.35 8.29	50.39 1.53 5.87	53.92 1.76 6.57	67.34 1.90 0.00	84.53 2.98 1.22	101.26 4.08 0.00	104.76 3.64 0.00	92.50 2.78 0.00	74.13 1.38 0.00	63.90 1.25 0.00	54.31 1.12 0.00	47.87 1.12 0.00
CRICKET___VALLEY_CC2 323757	45.50 0.54 0.00	41.16 0.69 0.00	36.47 0.75 0.00	33.53 0.78 0.00	32.30 0.76 0.00	34.39 0.74 0.00	34.50 0.71 0.00	34.82 0.81 0.00	35.40 1.03 0.00	38.00 1.07 0.00	39.23 1.15 3.18	42.32 1.19 4.85	43.20 1.35 8.29	50.39 1.53 5.87	53.92 1.76 6.57	67.34 1.90 0.00	84.53 2.98 1.22	101.26 4.08 0.00	104.76 3.64 0.00	92.50 2.78 0.00	74.13 1.38 0.00	63.90 1.25 0.00	54.31 1.12 0.00	47.87 1.12 0.00
CRICKET___VALLEY_CC3 323758	45.50 0.54 0.00	41.16 0.69 0.00	36.47 0.75 0.00	33.53 0.78 0.00	32.30 0.76 0.00	34.39 0.74 0.00	34.50 0.71 0.00	34.82 0.81 0.00	35.40 1.03 0.00	38.00 1.07 0.00	39.23 1.15 3.18	42.32 1.19 4.85	43.20 1.35 8.29	50.39 1.53 5.87	53.92 1.76 6.57	67.34 1.90 0.00	84.53 2.98 1.22	101.26 4.08 0.00	104.76 3.64 0.00	92.50 2.78 0.00	74.13 1.38 0.00	63.90 1.25 0.00	54.31 1.12 0.00	47.87 1.12 0.00
CRUCIBLE_METL_DRP 24180	44.87 -0.09 0.00	40.43 -0.04 0.00	35.58 -0.14 0.00	32.48 -0.26 0.00	31.26 -0.28 0.00	33.38 -0.27 0.00	33.48 -0.30 0.00	33.63 -0.37 0.00	34.02 -0.34 0.00	36.60 -0.33 0.00	40.97 -0.29 0.00	45.70 -0.28 0.00	49.94 -0.20 0.00	54.57 -0.16 0.00	58.44 -0.29 0.00	65.11 -0.33 0.00	82.11 -0.66 0.00	96.40 -0.78 0.00	100.41 -0.71 0.00	89.18 -0.54 0.00	72.46 -0.29 0.00	62.27 -0.38 0.00	52.87 -0.32 0.00	46.47 -0.28 0.00
DAHOWA___HYDRO 323763	46.98 2.02 0.00	42.33 1.86 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.12 1.58 0.00	35.33 1.68 0.00	35.41 1.62 0.00	35.50 1.49 0.00	35.84 1.48 0.00	38.11 1.18 0.00	41.88 0.87 0.24	46.71 1.10 0.36	50.67 1.15 0.62	55.88 1.59 0.44	60.07 1.82 0.49	67.86 2.42 0.00	86.16 3.48 0.09	101.94 4.76 0.00	106.78 5.66 0.00	94.74 5.02 0.00	76.45 3.71 0.00	65.65 3.01 0.00	55.53 2.34 0.00	48.81 2.05 0.00
DANC___LFGE 323619	46.22 1.26 0.00	41.40 0.93 0.00	36.43 0.71 0.00	33.27 0.52 0.00	31.92 0.38 0.00	34.09 0.44 0.00	34.19 0.41 0.00	34.34 0.34 0.00	34.61 0.24 0.00	37.19 0.26 0.00	41.55 0.29 0.00	46.30 0.32 0.00	50.64 0.50 0.00	55.28 0.55 0.00	59.20 0.47 0.00	66.09 0.65 0.00	83.28 0.50 0.00	97.95 0.77 0.00	102.73 1.61 0.00	91.96 2.24 0.00	76.18 2.03 -1.40	68.07 1.75 -3.67	54.48 1.27 -0.01	47.50 0.75 0.00
DANSKAMMER___1 23586	46.40 1.44 0.00	41.93 1.45 0.00	37.08 1.36 0.00	34.06 1.31 0.00	32.74 1.20 0.00	34.93 1.28 0.00	35.04 1.25 0.00	35.33 1.32 0.00	35.92 1.55 0.00	38.67 1.74 0.00	43.47 2.02 -0.20	48.58 2.30 -0.30	53.36 2.71 -0.51	58.21 3.12 -0.36	62.61 3.46 -0.41	69.30 3.86 0.00	88.40 5.55 -0.08	104.37 7.19 0.00	108.09 6.97 0.00	95.46 5.75 0.00	76.38 3.64 0.00	65.78 3.13 0.00	55.80 2.61 0.00	49.00 2.24 0.00
DANSKAMMER___2 23589	46.40 1.44 0.00	41.93 1.45 0.00	37.08 1.36 0.00	34.06 1.31 0.00	32.74 1.20 0.00	34.93 1.28 0.00	35.04 1.25 0.00	35.33 1.32 0.00	35.92 1.55 0.00	38.67 1.74 0.00	43.47 2.02 -0.20	48.58 2.30 -0.30	53.36 2.71 -0.51	58.21 3.12 -0.36	62.61 3.46 -0.41	69.30 3.86 0.00	88.40 5.55 -0.08	104.37 7.19 0.00	108.09 6.97 0.00	95.46 5.75 0.00	76.38 3.64 0.00	65.78 3.13 0.00	55.80 2.61 0.00	49.00 2.24 0.00
DANSKAMMER___3 23590	46.40 1.44 0.00	41.93 1.45 0.00	37.08 1.36 0.00	34.06 1.31 0.00	32.74 1.20 0.00	34.93 1.28 0.00	35.04 1.25 0.00	35.33 1.32 0.00	35.92 1.55 0.00	38.67 1.74 0.00	43.47 2.02 -0.20	48.58 2.30 -0.30	53.36 2.71 -0.51	58.21 3.12 -0.36	62.61 3.46 -0.41	69.30 3.86 0.00	88.40 5.55 -0.08	104.37 7.19 0.00	108.09 6.97 0.00	95.46 5.75 0.00	76.38 3.64 0.00	65.78 3.13 0.00	55.80 2.61 0.00	49.00 2.24 0.00

DANSKAMMER___4 23591	46.40 1.44 0.00	41.93 1.45 0.00	37.08 1.36 0.00	34.06 1.31 0.00	32.74 1.20 0.00	34.93 1.28 0.00	35.04 1.25 0.00	35.33 1.32 0.00	35.92 1.55 0.00	38.67 1.74 0.00	43.47 2.02 -0.20	48.58 2.30 -0.30	53.36 2.71 -0.51	58.21 3.12 -0.36	62.61 3.46 -0.41	69.30 3.86 0.00	88.40 5.55 -0.08	104.37 7.19 0.00	108.09 6.97 0.00	95.46 5.75 0.00	76.38 3.64 0.00	65.78 3.13 0.00	55.80 2.61 0.00	49.00 2.24 0.00
DANSKAMMER___DIESEL 23592	46.44 1.48 0.00	41.93 1.46 0.00	37.08 1.36 0.00	34.02 1.28 0.00	32.74 1.20 0.00	34.93 1.28 0.00	35.07 1.28 0.00	35.33 1.33 0.00	35.91 1.55 0.00	38.67 1.74 0.00	43.48 2.02 -0.20	48.62 2.34 -0.30	53.36 2.71 -0.51	58.21 3.12 -0.36	62.73 3.58 -0.41	69.30 3.86 0.00	88.40 5.55 -0.08	104.37 7.19 0.00	108.10 6.98 0.00	95.46 5.74 0.00	76.46 3.71 0.00	65.84 3.19 0.00	55.80 2.61 0.00	49.04 2.29 0.00
DARBY___SOLAR 323810	46.80 1.84 0.00	42.17 1.70 0.00	37.36 1.64 0.00	34.22 1.47 0.00	33.00 1.45 0.00	35.20 1.55 0.00	35.27 1.48 0.00	35.40 1.39 0.00	35.74 1.38 0.00	38.00 1.07 0.00	41.83 0.82 0.25	46.57 0.97 0.38	50.54 1.05 0.65	55.69 1.42 0.46	59.87 1.64 0.51	67.66 2.23 0.00	85.91 3.23 0.10	101.65 4.47 0.00	106.27 5.15 0.00	94.29 4.57 0.00	76.09 3.35 0.00	65.40 2.75 0.00	55.37 2.18 0.00	48.67 1.92 0.00
DASHVILLE___HYD 23610	45.95 0.99 0.00	41.48 1.01 0.00	36.68 0.96 0.00	33.69 0.95 0.00	32.43 0.88 0.00	34.53 0.87 0.00	34.63 0.84 0.00	34.85 0.85 0.00	35.36 1.00 0.00	38.04 1.11 0.00	43.15 1.77 -0.12	48.18 2.02 -0.18	52.81 2.36 -0.31	57.74 2.79 -0.22	62.16 3.17 -0.25	68.18 2.75 0.00	87.87 5.05 -0.05	103.34 6.61 0.44	106.73 6.37 0.76	94.02 4.31 0.00	75.37 2.62 0.00	65.03 2.38 0.00	55.16 1.97 0.00	48.48 1.73 0.00
DELAWARE___LFGE 323621	45.90 0.94 0.00	41.36 0.89 0.00	36.58 0.86 0.00	33.63 0.88 0.00	32.33 0.79 0.00	34.49 0.84 0.00	34.56 0.78 0.00	34.82 0.82 0.00	35.09 0.72 0.00	37.78 0.85 0.00	42.25 0.99 0.00	47.08 1.10 0.00	51.39 1.25 0.00	56.26 1.53 0.00	60.44 1.70 0.00	67.20 1.77 0.00	84.93 2.15 0.00	99.90 2.72 0.00	103.95 2.83 0.00	92.14 2.42 0.00	74.57 1.82 0.00	64.28 1.63 0.00	54.47 1.28 0.00	47.87 1.12 0.00
DERFIELD_115KV_TB7 355931	44.96 0.00 0.00	40.51 0.04 0.00	35.79 0.07 0.00	32.81 0.07 0.00	31.61 0.06 0.00	33.72 0.07 0.00	33.82 0.03 0.00	34.03 0.03 0.00	34.40 0.03 0.00	36.97 0.04 0.00	41.30 0.04 0.00	46.02 0.05 0.00	50.19 0.05 0.00	54.79 0.05 0.00	58.85 0.12 0.00	65.57 0.13 0.00	82.86 0.08 0.00	97.37 0.19 0.00	101.32 0.20 0.00	89.90 0.18 0.00	72.82 0.07 0.00	62.71 0.06 0.00	53.19 0.00 0.00	46.75 0.00 0.00
DOGLEVILLE___HYD 23807	44.55 -0.40 0.00	40.07 -0.40 0.00	35.36 -0.36 0.00	32.45 -0.29 0.00	31.20 -0.35 0.00	33.28 -0.37 0.00	33.38 -0.41 0.00	33.59 -0.41 0.00	33.96 -0.41 0.00	36.52 -0.41 0.00	40.80 -0.45 0.00	45.43 -0.55 0.00	49.54 -0.60 0.00	54.07 -0.66 0.00	57.97 -0.76 0.00	64.39 -1.05 0.00	81.37 -1.41 0.00	95.72 -1.46 0.00	99.81 -1.31 0.00	88.73 -0.99 0.00	71.87 -0.87 0.00	61.96 -0.69 0.00	52.50 -0.69 0.00	46.10 -0.65 0.00
DUNKIRK___115KV_TB_200 55889	45.36 0.40 0.00	41.36 0.89 0.00	35.83 0.11 0.00	32.29 -0.46 0.00	31.10 -0.44 0.00	33.18 -0.47 0.00	33.38 -0.41 0.00	33.05 -0.95 0.00	33.41 -0.96 0.00	36.16 -0.78 0.00	40.68 -0.58 0.00	45.56 -0.41 0.00	49.19 -0.95 0.00	53.96 -0.77 0.00	56.97 -1.76 0.00	64.06 -1.37 0.00	78.97 -3.81 0.00	92.12 -5.05 0.00	96.17 -4.95 0.00	85.32 -4.40 0.00	70.93 -1.82 0.00	60.45 -2.19 0.00	51.97 -1.22 0.00	46.33 -0.42 0.00
DUNKIRK___1 23563	45.36 0.40 0.00	41.36 0.89 0.00	35.83 0.11 0.00	32.29 -0.46 0.00	31.10 -0.44 0.00	33.18 -0.47 0.00	33.38 -0.41 0.00	33.05 -0.95 0.00	33.41 -0.96 0.00	36.16 -0.78 0.00	40.68 -0.58 0.00	45.56 -0.41 0.00	49.19 -0.95 0.00	53.96 -0.77 0.00	56.97 -1.76 0.00	64.06 -1.37 0.00	78.97 -3.81 0.00	92.12 -5.05 0.00	96.17 -4.95 0.00	85.32 -4.40 0.00	70.93 -1.82 0.00	60.45 -2.19 0.00	51.97 -1.22 0.00	46.33 -0.42 0.00
DUNKIRK___2 23564	45.36 0.40 0.00	41.36 0.89 0.00	35.83 0.11 0.00	32.29 -0.46 0.00	31.10 -0.44 0.00	33.18 -0.47 0.00	33.38 -0.41 0.00	33.05 -0.95 0.00	33.41 -0.96 0.00	36.16 -0.78 0.00	40.68 -0.58 0.00	45.56 -0.41 0.00	49.19 -0.95 0.00	53.96 -0.77 0.00	56.97 -1.76 0.00	64.06 -1.37 0.00	78.97 -3.81 0.00	92.12 -5.05 0.00	96.17 -4.95 0.00	85.32 -4.40 0.00	70.93 -1.82 0.00	60.45 -2.19 0.00	51.97 -1.22 0.00	46.33 -0.42 0.00
DUNKIRK___3 23565	45.09 0.13 0.00	41.16 0.69 0.00	35.68 -0.04 0.00	32.15 -0.59 0.00	30.94 -0.60 0.00	33.01 -0.64 0.00	33.21 -0.57 0.00	32.88 -1.12 0.00	33.23 -1.13 0.00	35.97 -0.96 0.00	40.43 -0.83 0.00	45.29 -0.69 0.00	48.89 -1.25 0.00	53.64 -1.09 0.00	56.68 -2.06 0.00	63.67 -1.77 0.00	78.55 -4.22 0.00	91.54 -5.64 0.00	95.56 -5.56 0.00	84.78 -4.93 0.00	70.49 -2.26 0.00	60.08 -2.57 0.00	51.65 -1.54 0.00	46.10 -0.65 0.00
DUNKIRK___4 23566	45.09 0.13 0.00	41.16 0.69 0.00	35.68 -0.04 0.00	32.15 -0.59 0.00	30.94 -0.60 0.00	33.01 -0.64 0.00	33.21 -0.57 0.00	32.88 -1.12 0.00	33.23 -1.13 0.00	35.97 -0.96 0.00	40.43 -0.83 0.00	45.29 -0.69 0.00	48.89 -1.25 0.00	53.64 -1.09 0.00	56.68 -2.06 0.00	63.67 -1.77 0.00	78.55 -4.22 0.00	91.54 -5.64 0.00	95.56 -5.56 0.00	84.78 -4.93 0.00	70.49 -2.26 0.00	60.08 -2.57 0.00	51.65 -1.54 0.00	46.10 -0.65 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.35 1.39 0.00	41.89 1.42 0.00	37.04 1.32 0.00	33.96 1.21 0.00	32.71 1.17 0.00	34.86 1.21 0.00	35.04 1.25 0.00	35.36 1.36 0.00	36.12 1.75 0.00	38.93 1.99 0.00	43.90 2.39 -0.25	48.93 2.57 -0.38	53.60 2.81 -0.65	58.26 3.06 -0.46	62.78 3.52 -0.52	69.17 3.73 0.00	88.25 5.38 -0.10	104.17 7.00 0.00	107.69 6.57 0.00	95.01 5.29 0.00	75.80 3.06 0.00	65.47 2.82 0.00	55.64 2.45 0.00	49.09 2.34 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	46.08 1.12 0.00	41.60 1.13 0.00	36.79 1.07 0.00	33.79 1.05 0.00	32.52 0.98 0.00	34.66 1.01 0.00	34.80 1.01 0.00	35.09 1.09 0.00	35.67 1.31 0.00	38.41 1.48 0.00	43.19 1.73 -0.20	48.25 1.98 -0.30	52.91 2.26 -0.51	57.67 2.57 -0.36	62.14 3.00 -0.41	68.64 3.21 0.00	87.57 4.72 -0.08	103.30 6.12 0.00	106.99 5.86 0.00	94.47 4.75 0.00	75.73 2.98 0.00	65.28 2.63 0.00	55.32 2.13 0.00	48.67 1.92 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	46.71 1.75 0.00	42.17 1.70 0.00	37.29 1.57 0.00	34.18 1.44 0.00	32.90 1.36 0.00	35.10 1.45 0.00	35.24 1.45 0.00	35.50 1.50 0.00	36.22 1.86 0.00	39.15 2.22 0.00	44.19 2.68 -0.25	49.30 2.94 -0.38	54.00 3.21 -0.65	58.37 3.17 -0.46	62.31 3.05 -0.52	68.64 3.21 0.00	88.34 5.46 -0.10	104.47 7.29 0.00	107.69 6.57 0.00	95.01 5.29 0.00	75.22 2.47 0.00	65.40 2.76 0.00	56.22 3.03 0.00	49.56 2.81 0.00

E179THST_13_KV_LOAD 356214	46.98 2.02 0.00	42.41 1.94 0.00	37.47 1.75 0.00	34.35 1.60 0.00	33.06 1.51 0.00	35.27 1.62 0.00	35.41 1.62 0.00	35.67 1.67 0.00	36.40 2.03 0.00	39.37 2.44 0.00	44.44 2.93 -0.25	49.62 3.26 -0.38	54.35 3.56 -0.65	58.75 3.56 -0.46	62.72 3.47 -0.52	69.10 3.66 0.00	89.00 6.13 -0.10	105.15 7.97 0.00	108.40 7.28 0.00	95.64 5.92 0.00	75.73 2.98 0.00	65.84 3.19 0.00	56.54 3.35 0.00	49.88 3.13 0.00
EAST HAMPTON___GT 23717	48.20 3.24 0.00	44.73 4.25 -0.01	39.26 3.54 0.00	35.63 2.88 0.00	34.13 2.59 0.00	36.51 2.86 0.00	35.98 2.19 0.00	36.48 2.48 0.00	37.70 3.33 0.00	40.99 4.06 0.00	46.70 4.91 -0.54	51.48 5.10 -0.40	55.55 4.77 -0.65	59.79 4.60 -0.46	65.07 5.82 -0.51	71.58 6.15 0.00	93.58 8.86 -1.94	109.32 11.95 -0.20	111.48 11.32 0.97	98.14 8.43 0.01	77.18 4.44 0.00	65.71 3.07 0.00	54.46 3.25 1.98	49.51 2.76 0.00
EAST RIVER___6 23660	46.44 1.48 0.00	42.01 1.54 0.00	37.11 1.39 0.00	34.06 1.31 0.00	32.74 1.20 0.00	34.93 1.28 0.00	35.07 1.28 0.00	35.50 1.49 0.00	36.33 1.96 0.00	39.22 2.29 0.00	44.23 2.72 -0.25	49.26 2.90 -0.38	53.95 3.16 -0.65	58.59 3.39 -0.46	62.96 3.70 -0.52	69.36 3.93 0.00	88.66 5.79 -0.10	104.66 7.48 0.00	108.00 6.88 0.00	95.28 5.56 0.00	75.80 3.05 0.00	65.65 3.01 0.00	55.90 2.71 0.00	49.32 2.57 0.00
EAST RIVER___7 23524	46.44 1.48 0.00	42.01 1.54 0.00	37.11 1.39 0.00	34.06 1.31 0.00	32.74 1.20 0.00	34.93 1.28 0.00	35.07 1.28 0.00	35.50 1.49 0.00	36.33 1.96 0.00	39.22 2.29 0.00	44.23 2.72 -0.25	49.26 2.90 -0.38	53.95 3.16 -0.65	58.59 3.39 -0.46	62.96 3.70 -0.52	69.36 3.93 0.00	88.66 5.79 -0.10	104.66 7.48 0.00	108.00 6.88 0.00	95.28 5.56 0.00	75.80 3.05 0.00	65.65 3.01 0.00	55.90 2.71 0.00	49.32 2.57 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.26 1.30 0.00	41.77 1.30 0.00	36.93 1.21 0.00	33.92 1.18 0.00	32.65 1.10 0.00	34.80 1.14 0.00	34.93 1.15 0.00	35.29 1.29 0.00	35.98 1.62 0.00	38.78 1.85 0.00	43.73 2.23 -0.25	48.79 2.44 -0.38	53.45 2.66 -0.65	58.09 2.90 -0.46	62.54 3.29 -0.52	69.04 3.60 0.00	88.00 5.13 -0.10	103.79 6.61 0.00	107.39 6.27 0.00	94.74 5.02 0.00	75.66 2.91 0.00	65.28 2.63 0.00	55.48 2.29 0.00	48.95 2.20 0.00
EAST_HAMPTON___DIESEL 23722	48.24 3.28 0.00	44.77 4.29 -0.01	39.26 3.54 0.00	35.63 2.88 0.00	34.13 2.59 0.00	36.51 2.86 0.00	35.95 2.16 0.00	36.48 2.48 0.00	37.67 3.30 0.00	40.96 4.03 0.00	46.66 4.87 -0.54	51.44 5.06 -0.40	55.45 4.66 -0.65	59.68 4.49 -0.46	64.95 5.70 -0.51	71.39 5.95 0.00	93.33 8.61 -1.94	109.13 11.75 -0.20	111.28 11.12 0.97	97.87 8.16 0.01	77.03 4.29 0.00	65.59 2.95 0.00	54.30 3.08 1.98	49.41 2.66 0.00
EAST_POINT___SOLAR 323840	48.83 3.87 0.00	43.95 3.48 0.00	38.79 3.07 0.00	35.43 2.69 0.00	34.13 2.59 0.00	36.48 2.83 0.00	36.39 2.60 0.00	35.73 1.73 0.00	35.23 0.86 0.00	37.08 0.15 0.00	40.87 -0.25 0.14	45.67 -0.09 0.22	50.02 0.25 0.37	55.56 1.09 0.26	60.03 1.59 0.29	68.38 2.95 0.00	87.44 4.72 0.05	104.37 7.19 0.00	110.62 9.50 0.00	99.05 9.33 0.00	80.09 7.34 0.00	68.66 6.01 0.00	57.98 4.79 0.00	50.77 4.02 0.00
EAST_PULASKI___ESR 323781	45.14 0.18 0.00	40.55 0.08 0.00	35.68 -0.04 0.00	32.61 -0.13 0.00	31.36 -0.19 0.00	33.49 -0.17 0.00	33.55 -0.23 0.00	33.69 -0.31 0.00	34.02 -0.34 0.00	36.60 -0.33 0.00	40.88 -0.37 0.00	45.61 -0.37 0.00	49.84 -0.30 0.00	54.40 -0.33 0.00	58.15 -0.59 0.00	64.78 -0.65 0.00	81.70 -1.08 0.00	95.91 -1.27 0.00	100.31 -0.81 0.00	89.36 -0.36 0.00	73.33 -0.15 -0.73	64.49 -0.06 -1.91	53.20 0.00 -0.01	46.61 -0.14 0.00
EAST_RIVER___1 323558	46.49 1.53 0.00	42.05 1.58 0.00	37.15 1.43 0.00	34.09 1.34 0.00	32.81 1.26 0.00	34.96 1.31 0.00	35.10 1.32 0.00	35.53 1.53 0.00	36.33 1.96 0.00	39.18 2.25 0.00	44.19 2.68 -0.25	49.21 2.85 -0.38	53.90 3.11 -0.65	58.59 3.39 -0.46	62.96 3.70 -0.52	69.36 3.93 0.00	88.75 5.88 -0.10	104.66 7.48 0.00	108.09 6.97 0.00	95.37 5.66 0.00	75.94 3.20 0.00	65.65 3.01 0.00	55.95 2.76 0.00	49.37 2.62 0.00
EAST_RIVER___2 323559	46.44 1.48 0.00	42.01 1.54 0.00	37.11 1.39 0.00	34.06 1.31 0.00	32.74 1.20 0.00	34.93 1.28 0.00	35.07 1.28 0.00	35.50 1.49 0.00	36.33 1.96 0.00	39.22 2.29 0.00	44.23 2.72 -0.25	49.26 2.90 -0.38	53.95 3.16 -0.65	58.59 3.39 -0.46	62.96 3.70 -0.52	69.36 3.93 0.00	88.66 5.79 -0.10	104.66 7.48 0.00	108.00 6.88 0.00	95.28 5.56 0.00	75.80 3.05 0.00	65.65 3.01 0.00	55.90 2.71 0.00	49.32 2.57 0.00
EAST___DELAWARE_HYD 23607	46.13 1.17 0.00	41.60 1.13 0.00	36.76 1.04 0.00	33.76 1.02 0.00	32.43 0.88 0.00	34.59 0.94 0.00	34.70 0.91 0.00	34.99 0.99 0.00	35.50 1.13 0.00	38.26 1.33 0.00	42.98 1.57 -0.16	48.01 1.79 -0.24	52.70 2.15 -0.41	57.59 2.57 -0.29	62.00 2.94 -0.33	68.71 3.27 0.00	87.55 4.72 -0.06	103.45 6.41 0.14	107.15 6.27 0.25	95.01 5.29 0.00	76.17 3.42 0.00	65.59 2.95 0.00	55.53 2.34 0.00	48.62 1.87 0.00
EIGHT_POINT___WT_PWR 323820	45.95 0.99 0.00	41.65 1.17 0.00	36.22 0.50 0.00	32.65 -0.10 0.00	31.39 -0.16 0.00	33.52 -0.13 0.00	33.62 -0.17 0.00	33.39 -0.61 0.00	33.58 -0.79 0.00	36.19 -0.74 0.00	40.52 -0.74 0.00	45.33 -0.64 0.00	49.24 -0.90 0.00	53.91 -0.82 0.00	57.33 -1.41 0.00	63.73 -1.70 0.00	79.63 -3.15 0.00	93.29 -3.89 0.00	97.88 -3.24 0.00	87.48 -2.24 0.00	72.38 -0.36 0.00	61.90 -0.75 0.00	52.66 -0.53 0.00	46.80 0.05 0.00
ELBRIDGE_115KV_TB2 80188	44.64 -0.31 0.00	40.23 -0.24 0.00	35.40 -0.32 0.00	32.32 -0.43 0.00	31.13 -0.41 0.00	33.25 -0.40 0.00	33.31 -0.47 0.00	33.46 -0.54 0.00	33.82 -0.55 0.00	36.38 -0.55 0.00	40.72 -0.54 0.00	45.43 -0.55 0.00	49.59 -0.55 0.00	54.18 -0.55 0.00	58.03 -0.70 0.00	64.72 -0.72 0.00	81.53 -1.24 0.00	95.72 -1.46 0.00	99.70 -1.42 0.00	88.55 -1.17 0.00	72.02 -0.73 0.00	61.89 -0.75 0.00	52.60 -0.59 0.00	46.24 -0.51 0.00
ELEC_TRO_TEK 24086	46.49 1.53 0.00	42.53 2.06 0.00	37.54 1.82 0.00	34.25 1.51 0.00	32.96 1.42 0.00	35.20 1.55 0.00	35.20 1.42 0.00	35.56 1.56 0.00	36.46 2.10 0.00	39.44 2.51 0.00	44.86 2.85 -0.76	49.65 3.08 -0.59	53.87 3.06 -0.67	58.26 3.06 -0.46	63.33 4.05 -0.54	69.84 4.38 -0.02	103.48 5.96 -14.74	106.46 7.87 -1.41	108.40 7.28 0.00	95.57 5.83 -0.02	76.26 3.49 -0.02	65.40 2.76 0.00	65.90 3.19 -9.52	49.46 2.71 0.00
ELLENBURG_WT_PWR 323604	45.28 0.32 0.00	40.39 -0.08 0.00	35.47 -0.25 0.00	32.42 -0.33 0.00	31.23 -0.32 0.00	33.38 -0.27 0.00	33.75 -0.03 0.00	34.10 0.10 0.00	34.54 0.17 0.00	37.15 0.22 0.00	41.55 0.29 0.00	46.07 0.09 0.00	50.29 0.15 0.00	54.62 -0.11 0.00	58.68 -0.06 0.00	65.44 0.00 0.00	83.02 0.25 0.00	96.69 -0.48 0.00	100.82 -0.30 0.00	89.90 0.18 0.00	73.97 0.88 -0.34	64.24 0.69 -0.90	53.72 0.53 0.00	46.75 0.00 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	44.78 -0.18 0.00	40.92 0.45 0.00	35.47 -0.25 0.00	31.96 -0.79 0.00	30.72 -0.82 0.00	32.74 -0.91 0.00	33.01 -0.78 0.00	32.61 -1.39 0.00	32.96 -1.41 0.00	35.64 -1.29 0.00	40.06 -1.20 0.00	44.83 -1.15 0.00	48.33 -1.81 0.00	53.03 -1.70 0.00	55.92 -2.82 0.00	62.82 -2.62 0.00	77.40 -5.38 0.00	89.99 -7.19 0.00	94.04 -7.08 0.00	83.53 -6.19 0.00	69.55 -3.20 0.00	59.14 -3.51 0.00	51.01 -2.18 0.00	45.63 -1.12 0.00
EMPIRE_CC_1 323656	45.18 0.23 0.00	40.79 0.32 0.00	36.15 0.43 0.00	33.36 0.62 0.00	32.21 0.66 0.00	34.19 0.54 0.00	34.29 0.51 0.00	34.51 0.51 0.00	34.92 0.55 0.00	37.34 0.41 0.00	41.21 0.33 0.38	45.68 0.28 0.58	49.40 0.25 0.99	54.25 0.22 0.70	58.31 0.35 0.78	65.90 0.46 0.00	83.46 0.83 0.15	98.64 1.46 0.00	102.34 1.22 0.00	90.61 0.90 0.00	72.97 0.22 0.00	62.90 0.25 0.00	53.40 0.21 0.00	47.08 0.33 0.00
EMPIRE_CC_2 323658	45.18 0.23 0.00	40.79 0.32 0.00	36.15 0.43 0.00	33.36 0.62 0.00	32.21 0.66 0.00	34.19 0.54 0.00	34.29 0.51 0.00	34.51 0.51 0.00	34.92 0.55 0.00	37.34 0.41 0.00	41.21 0.33 0.38	45.68 0.28 0.58	49.40 0.25 0.99	54.25 0.22 0.70	58.31 0.35 0.78	65.90 0.46 0.00	83.46 0.83 0.15	98.64 1.46 0.00	102.34 1.22 0.00	90.61 0.90 0.00	72.97 0.22 0.00	62.90 0.25 0.00	53.40 0.21 0.00	47.08 0.33 0.00
ENORWICH_115KV_TB1 80156	48.33 3.37 0.00	43.43 2.95 0.00	38.18 2.46 0.00	34.91 2.16 0.00	33.37 1.83 0.00	35.74 2.09 0.00	35.88 2.09 0.00	35.90 1.90 0.00	36.12 1.75 0.00	38.85 1.92 0.00	43.36 2.10 0.00	48.32 2.34 0.00	52.95 2.81 0.00	57.96 3.23 0.00	62.32 3.58 0.00	69.36 3.93 0.00	87.16 4.39 0.00	103.01 5.83 0.00	108.20 7.08 0.00	96.71 7.00 0.00	78.49 5.75 0.00	67.47 4.82 0.00	56.86 3.67 0.00	49.65 2.90 0.00
ERIE_ST__34_KV_TB1-2 80199	44.96 0.00 0.00	41.04 0.57 0.00	35.54 -0.18 0.00	32.06 -0.69 0.00	30.85 -0.69 0.00	32.84 -0.81 0.00	33.14 -0.64 0.00	32.74 -1.26 0.00	33.13 -1.24 0.00	35.86 -1.07 0.00	40.35 -0.91 0.00	45.20 -0.78 0.00	48.89 -1.25 0.00	53.64 -1.09 0.00	56.68 -2.06 0.00	63.73 -1.70 0.00	78.64 -4.14 0.00	91.54 -5.64 0.00	95.56 -5.56 0.00	84.69 -5.02 0.00	70.42 -2.33 0.00	59.89 -2.76 0.00	51.49 -1.70 0.00	45.96 -0.79 0.00
ERIE_WT_PWR 323693	45.00 0.05 0.00	41.12 0.65 0.00	35.68 -0.04 0.00	31.96 -0.79 0.00	30.82 -0.72 0.00	32.84 -0.81 0.00	33.01 -0.78 0.00	32.78 -1.22 0.00	33.13 -1.24 0.00	35.86 -1.07 0.00	40.27 -0.99 0.00	45.24 -0.74 0.00	48.79 -1.35 0.00	53.47 -1.26 0.00	56.80 -1.94 0.00	62.95 -2.49 0.00	78.06 -4.71 0.00	90.67 -6.51 0.00	94.85 -6.27 0.00	84.15 -5.56 0.00	70.20 -2.55 0.00	59.89 -2.76 0.00	51.33 -1.86 0.00	45.96 -0.80 0.00
ESPRGFLD_115KV_TB1 80157	47.75 2.79 0.00	42.98 2.51 0.00	37.93 2.21 0.00	34.71 1.96 0.00	33.41 1.86 0.00	35.67 2.02 0.00	35.71 1.93 0.00	35.77 1.77 0.00	35.81 1.44 0.00	38.33 1.40 0.00	42.70 1.53 0.09	47.59 1.75 0.13	52.02 2.11 0.22	57.20 2.63 0.16	61.50 2.94 0.18	68.97 3.53 0.00	87.38 4.64 0.03	103.49 6.32 0.00	108.40 7.28 0.00	96.53 6.82 0.00	78.13 5.38 0.00	67.16 4.51 0.00	56.75 3.56 0.00	49.74 2.99 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	45.81 0.85 0.00	41.24 0.77 0.00	36.29 0.57 0.00	33.10 0.36 0.00	31.86 0.32 0.00	34.02 0.37 0.00	34.12 0.34 0.00	34.20 0.20 0.00	34.51 0.14 0.00	37.08 0.15 0.00	41.42 0.17 0.00	46.21 0.23 0.00	50.44 0.30 0.00	55.17 0.44 0.00	59.09 0.35 0.00	65.96 0.52 0.00	83.19 0.41 0.00	97.95 0.78 0.00	102.33 1.21 0.00	91.06 1.35 0.00	74.06 1.31 0.00	63.65 1.00 0.00	53.99 0.80 0.00	47.41 0.65 0.00
ETNA____115KV_TB2 80207	45.81 0.85 0.00	41.24 0.77 0.00	36.29 0.57 0.00	33.10 0.36 0.00	31.86 0.32 0.00	34.02 0.37 0.00	34.12 0.34 0.00	34.20 0.20 0.00	34.51 0.14 0.00	37.08 0.15 0.00	41.42 0.17 0.00	46.21 0.23 0.00	50.44 0.30 0.00	55.17 0.44 0.00	59.09 0.35 0.00	65.96 0.52 0.00	83.19 0.41 0.00	97.95 0.78 0.00	102.33 1.21 0.00	91.06 1.35 0.00	74.06 1.31 0.00	63.65 1.00 0.00	53.99 0.80 0.00	47.41 0.65 0.00
EUCLID__115KV_TB2 356179	44.33 -0.63 0.00	39.99 -0.49 0.00	35.18 -0.54 0.00	32.15 -0.59 0.00	30.98 -0.57 0.00	33.05 -0.61 0.00	33.14 -0.64 0.00	33.29 -0.71 0.00	33.65 -0.72 0.00	36.23 -0.70 0.00	40.51 -0.74 0.00	45.20 -0.78 0.00	49.34 -0.80 0.00	53.86 -0.88 0.00	57.74 -1.00 0.00	64.32 -1.11 0.00	81.12 -1.66 0.00	95.23 -1.94 0.00	99.20 -1.92 0.00	88.01 -1.70 0.00	71.51 -1.24 0.00	61.52 -1.13 0.00	52.23 -0.96 0.00	46.00 -0.75 0.00
E_CANADA_CAP_HY 24051	48.60 3.64 0.00	43.75 3.28 0.00	38.61 2.89 0.00	35.30 2.56 0.00	34.01 2.46 0.00	36.31 2.66 0.00	36.32 2.54 0.00	36.11 2.11 0.00	35.98 1.62 0.00	38.19 1.26 0.00	42.24 1.11 0.13	47.07 1.29 0.19	51.36 1.56 0.33	56.74 2.24 0.24	61.12 2.65 0.26	69.03 3.60 0.00	88.03 5.30 0.05	104.76 7.58 0.00	110.22 9.10 0.00	98.33 8.61 0.00	79.51 6.77 0.00	68.22 5.57 0.00	57.66 4.47 0.00	50.54 3.79 0.00
E_CANADA_MHWK_HY 24050	44.55 -0.41 0.00	40.07 -0.40 0.00	35.36 -0.36 0.00	32.45 -0.30 0.00	31.20 -0.35 0.00	33.28 -0.37 0.00	33.38 -0.40 0.00	33.59 -0.41 0.00	33.96 -0.41 0.00	36.53 -0.41 0.00	40.80 -0.45 0.00	45.43 -0.55 0.00	49.54 -0.60 0.00	54.08 -0.65 0.00	57.97 -0.77 0.00	64.39 -1.05 0.00	81.37 -1.41 0.00	95.72 -1.45 0.00	99.80 -1.32 0.00	88.73 -0.98 0.00	71.88 -0.87 0.00	61.96 -0.69 0.00	52.50 -0.69 0.00	46.10 -0.65 0.00
E_FISHKILL__LBMP 23776	45.95 0.99 0.00	41.48 1.01 0.00	36.72 1.00 0.00	33.73 0.98 0.00	32.49 0.95 0.00	34.59 0.94 0.00	34.73 0.95 0.00	35.05 1.05 0.00	35.67 1.31 0.00	38.37 1.44 0.00	43.20 1.69 -0.26	48.21 1.84 -0.39	52.81 2.01 -0.67	57.45 2.24 -0.47	61.85 2.58 -0.53	68.18 2.75 0.00	86.93 4.06 -0.10	102.52 5.34 0.00	106.08 4.95 0.00	93.66 3.95 0.00	74.93 2.18 0.00	64.71 2.07 0.00	54.95 1.76 0.00	48.44 1.68 0.00
FALCON__SEABRD_CC1 323796	45.50 0.54 0.00	40.59 0.12 0.00	35.61 -0.11 0.00	32.55 -0.20 0.00	31.36 -0.19 0.00	33.52 -0.13 0.00	33.92 0.14 0.00	34.24 0.24 0.00	34.71 0.34 0.00	37.34 0.41 0.00	41.75 0.50 0.00	46.07 0.09 0.00	50.29 0.15 0.00	54.62 -0.11 0.00	58.68 -0.06 0.00	65.44 0.00 0.00	83.11 0.33 0.00	96.69 -0.48 0.00	100.82 -0.30 0.00	89.90 0.18 0.00	74.21 1.02 -0.44	64.62 0.81 -1.16	53.83 0.64 0.00	46.80 0.05 0.00
FALCON__SEABRD_CC2 323797	45.50 0.54 0.00	40.59 0.12 0.00	35.61 -0.11 0.00	32.55 -0.20 0.00	31.36 -0.19 0.00	33.52 -0.13 0.00	33.92 0.14 0.00	34.24 0.24 0.00	34.71 0.34 0.00	37.34 0.41 0.00	41.75 0.50 0.00	46.07 0.09 0.00	50.29 0.15 0.00	54.62 -0.11 0.00	58.68 -0.06 0.00	65.44 0.00 0.00	83.11 0.33 0.00	96.69 -0.48 0.00	100.82 -0.30 0.00	89.90 0.18 0.00	74.21 1.02 -0.44	64.62 0.81 -1.16	53.83 0.64 0.00	46.80 0.05 0.00

FAR ROCKAWAY___4 23548	47.30 2.34 0.00	43.30 2.83 0.00	38.18 2.46 0.00	34.77 2.03 0.00	33.47 1.92 0.00	35.74 2.09 0.00	35.71 1.93 0.00	36.07 2.07 0.00	37.01 2.65 0.00	40.11 3.18 0.00	46.00 3.67 -1.08	50.98 4.14 -0.86	55.11 4.26 -0.70	59.57 4.38 -0.46	64.89 5.58 -0.57	71.64 6.15 -0.06	125.21 8.19 -34.24	110.96 10.50 -3.28	112.25 9.91 -1.22	97.94 8.16 -0.06	78.26 5.46 -0.06	66.97 4.32 0.00	80.63 4.47 -22.97	50.49 3.74 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.09 1.34 0.00	32.81 1.26 0.00	34.96 1.31 0.00	35.14 1.35 0.00	35.53 1.53 0.00	36.33 1.96 0.00	39.18 2.25 0.00	44.23 2.72 -0.25	49.30 2.94 -0.38	53.95 3.16 -0.65	58.64 3.45 -0.46	63.07 3.82 -0.52	69.49 4.06 0.00	88.75 5.88 -0.10	104.66 7.48 0.00	108.10 6.98 0.00	95.37 5.65 0.00	75.95 3.20 0.00	65.78 3.13 0.00	56.01 2.82 0.00	49.42 2.66 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.09 1.34 0.00	32.81 1.26 0.00	34.96 1.31 0.00	35.17 1.39 0.00	35.53 1.53 0.00	36.33 1.96 0.00	39.18 2.25 0.00	44.23 2.72 -0.25	49.30 2.94 -0.38	53.95 3.16 -0.65	58.64 3.45 -0.46	63.07 3.82 -0.52	69.49 4.06 0.00	88.75 5.88 -0.10	104.66 7.48 0.00	108.10 6.98 0.00	95.37 5.65 0.00	76.02 3.27 0.00	65.78 3.13 0.00	56.01 2.82 0.00	49.42 2.66 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.53 1.57 0.00	42.01 1.54 0.00	37.15 1.43 0.00	34.05 1.31 0.00	32.77 1.23 0.00	34.93 1.28 0.00	35.14 1.35 0.00	35.50 1.50 0.00	36.29 1.92 0.00	39.15 2.22 0.00	44.19 2.68 -0.25	49.21 2.85 -0.38	53.90 3.11 -0.65	58.59 3.39 -0.46	63.01 3.76 -0.52	69.36 3.93 0.00	88.67 5.79 -0.10	104.56 7.39 0.00	108.00 6.88 0.00	95.28 5.56 0.00	75.87 3.13 0.00	65.72 3.07 0.00	55.90 2.71 0.00	49.37 2.62 0.00
FARRAGUT___LBMP 323566	46.49 1.53 0.00	42.01 1.54 0.00	37.11 1.39 0.00	34.02 1.28 0.00	32.77 1.23 0.00	34.93 1.28 0.00	35.10 1.32 0.00	35.46 1.46 0.00	36.26 1.89 0.00	39.11 2.18 0.00	44.15 2.64 -0.25	49.21 2.85 -0.38	53.85 3.06 -0.65	58.53 3.34 -0.46	62.95 3.70 -0.52	69.30 3.86 0.00	88.58 5.71 -0.10	104.47 7.29 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.80 3.06 0.00	65.65 3.01 0.00	55.90 2.71 0.00	49.32 2.57 0.00
FENNER___WINDPWR 24204	45.90 0.95 0.00	41.28 0.81 0.00	36.36 0.64 0.00	33.24 0.49 0.00	31.95 0.41 0.00	34.09 0.44 0.00	34.19 0.41 0.00	34.38 0.37 0.00	34.71 0.34 0.00	37.34 0.41 0.00	41.75 0.50 0.00	46.57 0.60 0.00	50.89 0.75 0.00	55.66 0.93 0.00	59.73 1.00 0.00	66.55 1.11 0.00	83.93 1.16 0.00	98.73 1.55 0.00	103.04 1.92 0.00	91.69 1.97 0.00	74.76 1.67 -0.34	64.92 1.38 -0.90	54.15 0.96 0.00	47.50 0.75 0.00
FIBERTEK___ENERGY 23856	44.87 -0.09 0.00	40.43 -0.04 0.00	35.58 -0.14 0.00	32.48 -0.26 0.00	31.26 -0.28 0.00	33.38 -0.27 0.00	33.48 -0.30 0.00	33.63 -0.37 0.00	34.02 -0.34 0.00	36.60 -0.33 0.00	40.97 -0.29 0.00	45.70 -0.28 0.00	49.94 -0.20 0.00	54.57 -0.16 0.00	58.44 -0.29 0.00	65.11 -0.33 0.00	82.11 -0.66 0.00	96.40 -0.78 0.00	100.41 -0.71 0.00	89.18 -0.54 0.00	72.46 -0.29 0.00	62.27 -0.38 0.00	52.87 -0.32 0.00	46.47 -0.28 0.00
FITZPATRICK___ 23598	43.70 -1.26 0.00	39.38 -1.09 0.00	34.68 -1.04 0.00	31.69 -1.05 0.00	30.53 -1.01 0.00	32.57 -1.08 0.00	32.64 -1.15 0.00	32.81 -1.19 0.00	33.16 -1.20 0.00	35.68 -1.26 0.00	39.90 -1.36 0.00	44.50 -1.47 0.00	48.58 -1.55 0.00	53.03 -1.70 0.00	56.80 -1.94 0.00	63.28 -2.16 0.00	79.88 -2.90 0.00	93.68 -3.49 0.00	97.68 -3.44 0.00	86.67 -3.05 0.00	70.49 -2.26 0.00	60.64 -2.01 0.00	51.49 -1.70 0.00	45.30 -1.45 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.53 1.57 0.00	42.01 1.54 0.00	37.15 1.43 0.00	34.09 1.34 0.00	32.81 1.26 0.00	34.96 1.31 0.00	35.14 1.35 0.00	35.39 1.39 0.00	35.98 1.62 0.00	38.74 1.81 0.00	43.56 2.10 -0.20	48.77 2.48 -0.31	53.52 2.86 -0.53	58.39 3.28 -0.37	62.85 3.70 -0.42	69.49 4.06 0.00	88.65 5.79 -0.08	104.66 7.48 0.00	108.40 7.28 0.00	95.73 6.01 0.00	76.68 3.93 0.00	66.03 3.38 0.00	55.96 2.77 0.00	49.18 2.43 0.00
FORT ORANGE___ 23900	45.23 0.27 0.00	40.79 0.32 0.00	36.11 0.39 0.00	33.27 0.52 0.00	32.08 0.54 0.00	34.16 0.51 0.00	34.22 0.44 0.00	34.41 0.41 0.00	34.75 0.38 0.00	37.15 0.22 0.00	41.20 0.12 0.18	45.52 -0.18 0.28	49.26 -0.40 0.47	54.07 -0.33 0.34	58.13 -0.23 0.38	65.11 -0.33 0.00	82.71 0.00 0.07	97.37 0.49 0.30	101.02 0.41 0.51	89.81 0.09 0.00	72.38 -0.36 0.00	62.52 -0.13 0.00	52.98 -0.21 0.00	46.75 0.00 0.00
FORT_DRUM_COGEN 23780	47.61 2.65 0.00	42.53 2.06 0.00	37.40 1.68 0.00	34.15 1.41 0.00	32.65 1.10 0.00	34.90 1.25 0.00	35.04 1.25 0.00	35.16 1.16 0.00	35.36 1.00 0.00	38.00 1.07 0.00	42.37 1.11 0.00	47.22 1.24 0.00	51.69 1.55 0.00	56.43 1.70 0.00	60.44 1.70 0.00	67.66 2.22 0.00	85.18 2.40 0.00	100.38 3.21 0.00	105.77 4.65 0.00	95.10 5.38 0.00	79.76 4.66 -2.36	72.83 4.01 -6.17	56.13 2.93 -0.02	48.67 1.92 0.00
FOX_HILLS___ESR 323835	46.89 1.93 0.00	42.33 1.86 0.00	37.40 1.68 0.00	34.28 1.54 0.00	32.96 1.42 0.00	35.17 1.51 0.00	35.31 1.52 0.00	35.60 1.60 0.00	36.33 1.96 0.00	39.29 2.36 0.00	44.31 2.81 -0.25	49.15 2.85 -0.33	50.85 3.11 2.40	51.67 3.12 6.18	54.48 3.11 7.37	62.97 3.14 5.61	78.20 5.38 9.95	94.09 7.09 10.18	91.53 6.27 15.86	79.65 4.93 15.00	56.84 2.26 18.17	65.15 2.51 0.00	52.12 2.77 3.84	49.42 2.66 0.00
FPL_FAR_ROCK_GT1 24212	47.12 2.16 0.00	43.31 2.83 -0.01	38.18 2.46 0.00	34.84 2.10 0.00	33.47 1.92 0.00	35.74 2.09 0.00	35.58 1.79 0.00	36.08 2.07 0.00	37.01 2.65 0.00	40.11 3.18 0.00	46.00 3.67 -1.08	50.93 4.09 -0.86	55.06 4.21 -0.70	59.58 4.38 -0.47	64.71 5.40 -0.57	71.58 6.09 -0.06	125.21 8.20 -34.24	110.96 10.50 -3.28	112.35 10.01 -1.22	97.76 7.98 -0.06	78.11 5.31 -0.06	66.72 4.07 0.00	80.63 4.47 -22.97	49.84 3.08 0.00
FPL_FAR_ROCK_GT2 23815	47.12 2.16 0.00	43.31 2.83 -0.01	38.18 2.46 0.00	34.84 2.10 0.00	33.47 1.92 0.00	35.74 2.09 0.00	35.58 1.79 0.00	36.08 2.07 0.00	37.01 2.65 0.00	40.11 3.18 0.00	46.00 3.67 -1.08	50.93 4.09 -0.86	55.06 4.21 -0.70	59.58 4.38 -0.47	64.71 5.40 -0.57	71.58 6.09 -0.06	125.21 8.20 -34.24	110.96 10.50 -3.28	112.35 10.01 -1.22	97.76 7.98 -0.06	78.11 5.31 -0.06	66.72 4.07 0.00	80.63 4.47 -22.97	49.84 3.08 0.00
FRANKLIN_FALL_HYD 24054	46.04 1.08 0.00	41.00 0.53 0.00	35.97 0.25 0.00	32.91 0.16 0.00	31.70 0.16 0.00	33.89 0.24 0.00	34.33 0.54 0.00	34.65 0.65 0.00	35.09 0.72 0.00	37.74 0.81 0.00	42.16 0.91 0.00	46.81 0.83 0.00	51.14 1.00 0.00	55.50 0.77 0.00	59.56 0.82 0.00	66.42 0.98 0.00	84.35 1.57 0.00	97.95 0.78 0.00	102.23 1.11 0.00	91.42 1.70 0.00	78.32 2.47 -3.10	72.90 2.13 -8.12	54.86 1.65 -0.02	47.55 0.79 0.00

FREEPORT_EQUS_GT1 23764	46.57 1.62 0.00	42.91 2.43 -0.01	37.86 2.14 0.00	34.54 1.80 0.00	33.18 1.64 0.00	35.47 1.82 0.00	35.27 1.48 0.00	35.80 1.80 0.00	36.74 2.37 0.00	39.74 2.81 0.00	45.25 3.26 -0.73	50.04 3.49 -0.57	54.32 3.51 -0.67	58.75 3.56 -0.46	63.79 4.52 -0.53	70.29 4.84 -0.02	101.55 6.37 -12.40	106.82 8.45 -1.19	109.01 7.89 0.00	95.84 6.10 -0.02	76.69 3.93 -0.02	65.78 3.13 0.00	64.15 3.62 -7.34	49.18 2.43 0.00
FREEPORT___CT2 23818	46.57 1.62 0.00	42.91 2.43 -0.01	37.86 2.14 0.00	34.54 1.80 0.00	33.18 1.64 0.00	35.47 1.82 0.00	35.27 1.48 0.00	35.80 1.80 0.00	36.74 2.37 0.00	39.74 2.81 0.00	45.25 3.26 -0.73	50.04 3.49 -0.57	54.32 3.51 -0.67	58.75 3.56 -0.46	63.79 4.52 -0.53	70.29 4.84 -0.02	101.55 6.37 -12.40	106.82 8.45 -1.19	109.01 7.89 0.00	95.84 6.10 -0.02	76.69 3.93 -0.02	65.78 3.13 0.00	64.15 3.62 -7.34	49.18 2.43 0.00
FRESHKLS_33_KV_LOAD 356253	46.98 2.02 0.00	42.41 1.94 0.00	37.47 1.75 0.00	34.35 1.60 0.00	33.03 1.48 0.00	35.23 1.58 0.00	35.37 1.59 0.00	35.63 1.63 0.00	36.36 1.99 0.00	39.37 2.44 0.00	44.31 2.81 -0.25	49.05 2.76 -0.31	50.75 3.01 2.40	51.60 3.06 6.20	54.41 3.05 7.38	62.97 3.14 5.61	78.20 5.38 9.95	94.19 7.19 10.18	91.53 6.27 15.86	79.74 5.02 15.00	56.84 2.26 18.17	53.89 2.51 11.27	52.06 2.71 3.84	49.37 2.62 0.00
FULTON COGEN____ 23766	44.33 -0.63 0.00	39.99 -0.49 0.00	35.18 -0.54 0.00	32.15 -0.59 0.00	30.94 -0.60 0.00	33.05 -0.61 0.00	33.11 -0.68 0.00	33.25 -0.75 0.00	33.65 -0.72 0.00	36.19 -0.74 0.00	40.47 -0.78 0.00	45.15 -0.83 0.00	49.34 -0.80 0.00	53.86 -0.88 0.00	57.62 -1.12 0.00	64.26 -1.18 0.00	81.04 -1.74 0.00	95.14 -2.04 0.00	99.20 -1.92 0.00	88.10 -1.61 0.00	71.51 -1.24 0.00	61.52 -1.13 0.00	52.34 -0.85 0.00	46.00 -0.75 0.00
FULTON___LFGE 323630	48.29 3.33 0.00	43.47 2.99 0.00	38.40 2.68 0.00	35.07 2.33 0.00	33.82 2.27 0.00	36.14 2.49 0.00	36.15 2.36 0.00	35.90 1.90 0.00	35.78 1.41 0.00	37.85 0.92 0.00	41.69 0.58 0.14	46.35 0.60 0.22	50.46 0.70 0.38	55.77 1.31 0.27	60.20 1.76 0.30	68.12 2.68 0.00	87.10 4.38 0.06	103.98 6.80 0.00	109.51 8.39 0.00	97.79 8.08 0.00	79.00 6.26 0.00	67.78 5.14 0.00	57.29 4.10 0.00	50.21 3.46 0.00
G.F.CEMENT___DRP 24184	47.30 2.34 0.00	42.58 2.10 0.00	37.68 1.96 0.00	34.45 1.70 0.00	33.25 1.70 0.00	35.50 1.85 0.00	35.54 1.76 0.00	35.63 1.63 0.00	36.02 1.65 0.00	38.30 1.37 0.00	41.98 0.95 0.22	46.88 1.24 0.34	50.86 1.30 0.58	56.18 1.86 0.41	60.39 2.11 0.46	68.32 2.88 0.00	86.75 4.06 0.09	102.62 5.44 0.00	107.79 6.67 0.00	95.64 5.92 0.00	77.11 4.36 0.00	66.15 3.51 0.00	55.90 2.71 0.00	49.04 2.29 0.00
GARDENVILLE___LBMP 24039	44.87 -0.09 0.00	41.00 0.53 0.00	35.54 -0.18 0.00	31.99 -0.75 0.00	30.79 -0.76 0.00	32.81 -0.84 0.00	33.04 -0.74 0.00	32.67 -1.33 0.00	32.99 -1.37 0.00	35.71 -1.22 0.00	40.14 -1.11 0.00	44.92 -1.06 0.00	48.48 -1.65 0.00	53.14 -1.59 0.00	56.09 -2.64 0.00	63.02 -2.42 0.00	77.73 -5.05 0.00	90.37 -6.80 0.00	94.45 -6.67 0.00	83.80 -5.92 0.00	69.76 -2.98 0.00	59.39 -3.26 0.00	51.17 -2.02 0.00	45.77 -0.98 0.00
GARDNVLA_35_KV_LD 355827	45.05 0.09 0.00	41.16 0.69 0.00	35.68 -0.04 0.00	32.12 -0.62 0.00	30.91 -0.63 0.00	32.91 -0.74 0.00	33.18 -0.61 0.00	32.81 -1.19 0.00	33.16 -1.20 0.00	35.90 -1.03 0.00	40.39 -0.87 0.00	45.20 -0.78 0.00	48.79 -1.35 0.00	53.53 -1.20 0.00	56.45 -2.29 0.00	63.47 -1.96 0.00	78.14 -4.64 0.00	90.96 -6.22 0.00	95.05 -6.07 0.00	84.33 -5.38 0.00	70.20 -2.55 0.00	59.70 -2.94 0.00	51.38 -1.81 0.00	45.96 -0.79 0.00
GELCKHM___115KV_LOAD 80723	44.51 -0.45 0.00	40.15 -0.32 0.00	35.33 -0.39 0.00	32.29 -0.46 0.00	31.07 -0.47 0.00	33.18 -0.47 0.00	33.25 -0.54 0.00	33.39 -0.61 0.00	33.78 -0.58 0.00	36.34 -0.59 0.00	40.68 -0.58 0.00	45.38 -0.60 0.00	49.59 -0.55 0.00	54.13 -0.60 0.00	57.97 -0.76 0.00	64.65 -0.79 0.00	81.53 -1.24 0.00	95.72 -1.46 0.00	99.70 -1.42 0.00	88.46 -1.26 0.00	71.87 -0.87 0.00	61.83 -0.81 0.00	52.50 -0.69 0.00	46.14 -0.61 0.00
GENERAL___MILLS 23808	44.96 0.00 0.00	41.08 0.61 0.00	35.61 -0.11 0.00	32.06 -0.69 0.00	30.85 -0.69 0.00	32.88 -0.77 0.00	33.14 -0.64 0.00	32.74 -1.26 0.00	33.10 -1.27 0.00	35.82 -1.11 0.00	40.27 -0.99 0.00	45.06 -0.92 0.00	48.64 -1.50 0.00	53.36 -1.37 0.00	56.27 -2.47 0.00	63.28 -2.16 0.00	77.97 -4.80 0.00	90.67 -6.51 0.00	94.75 -6.37 0.00	84.06 -5.65 0.00	69.98 -2.76 0.00	59.51 -3.13 0.00	51.28 -1.91 0.00	45.86 -0.89 0.00
GE_PLASTICS___DRP 24183	45.14 0.18 0.00	40.67 0.20 0.00	36.04 0.32 0.00	33.17 0.43 0.00	32.02 0.47 0.00	34.09 0.44 0.00	34.16 0.37 0.00	34.37 0.37 0.00	34.75 0.38 0.00	37.23 0.30 0.00	41.32 0.21 0.14	45.95 0.18 0.21	49.52 -0.25 0.37	54.20 -0.27 0.26	58.27 -0.18 0.29	65.17 -0.26 0.00	82.56 -0.17 0.05	92.04 0.10 5.23	92.04 -0.10 8.98	89.45 -0.27 0.00	72.24 -0.51 0.00	62.33 -0.31 0.00	52.87 -0.32 0.00	46.66 -0.09 0.00
GILBOA___1 23756	45.32 0.36 0.00	40.92 0.45 0.00	36.29 0.57 0.00	33.56 0.82 0.00	32.33 0.79 0.00	34.46 0.81 0.00	34.56 0.78 0.00	34.82 0.81 0.00	34.88 0.52 0.00	37.49 0.55 0.00	41.87 0.58 -0.04	46.68 0.64 -0.06	50.89 0.65 -0.11	55.57 0.77 -0.07	59.76 0.94 -0.08	66.48 1.04 0.00	83.86 1.07 -0.02	98.44 1.26 0.00	102.23 1.11 0.00	90.52 0.81 0.00	73.40 0.65 0.00	63.40 0.75 0.00	53.83 0.64 0.00	47.36 0.61 0.00
GILBOA___2 23757	45.32 0.36 0.00	40.92 0.45 0.00	36.29 0.57 0.00	33.56 0.82 0.00	32.33 0.79 0.00	34.46 0.81 0.00	34.56 0.78 0.00	34.82 0.81 0.00	34.88 0.52 0.00	37.49 0.55 0.00	41.87 0.58 -0.04	46.68 0.64 -0.06	50.89 0.65 -0.11	55.57 0.77 -0.07	59.76 0.94 -0.08	66.48 1.04 0.00	83.86 1.07 -0.02	98.44 1.26 0.00	102.23 1.11 0.00	90.52 0.81 0.00	73.40 0.65 0.00	63.40 0.75 0.00	53.83 0.64 0.00	47.36 0.61 0.00
GILBOA___3 23758	45.32 0.36 0.00	40.92 0.45 0.00	36.29 0.57 0.00	33.56 0.82 0.00	32.33 0.79 0.00	34.46 0.81 0.00	34.56 0.78 0.00	34.82 0.81 0.00	34.88 0.52 0.00	37.49 0.55 0.00	41.87 0.58 -0.04	46.68 0.64 -0.06	50.89 0.65 -0.11	55.57 0.77 -0.07	59.76 0.94 -0.08	66.48 1.04 0.00	83.86 1.07 -0.02	98.44 1.26 0.00	102.23 1.11 0.00	90.52 0.81 0.00	73.40 0.65 0.00	63.40 0.75 0.00	53.83 0.64 0.00	47.36 0.61 0.00
GILBOA___4 23759	45.32 0.36 0.00	40.92 0.45 0.00	36.29 0.57 0.00	33.56 0.82 0.00	32.33 0.79 0.00	34.46 0.81 0.00	34.56 0.78 0.00	34.82 0.81 0.00	34.88 0.52 0.00	37.49 0.55 0.00	41.87 0.58 -0.04	46.68 0.64 -0.06	50.89 0.65 -0.11	55.57 0.77 -0.07	59.76 0.94 -0.08	66.48 1.04 0.00	83.86 1.07 -0.02	98.44 1.26 0.00	102.23 1.11 0.00	90.52 0.81 0.00	73.40 0.65 0.00	63.40 0.75 0.00	53.83 0.64 0.00	47.36 0.61 0.00

GILBOA____ 23599	45.36 0.40 0.00	40.92 0.45 0.00	36.29 0.57 0.00	33.56 0.82 0.00	32.33 0.79 0.00	34.46 0.81 0.00	34.46 0.68 0.00	34.82 0.82 0.00	34.88 0.52 0.00	37.49 0.55 0.00	41.87 0.58 -0.04	46.68 0.64 -0.06	50.95 0.70 -0.11	55.63 0.82 -0.07	59.76 0.94 -0.08	66.35 0.92 0.00	83.87 1.08 -0.02	98.44 1.26 0.00	102.23 1.11 0.00	90.52 0.81 0.00	73.40 0.65 0.00	63.40 0.75 0.00	53.83 0.64 0.00	47.41 0.65 0.00
GINNA____ 23603	43.20 -1.75 0.00	39.09 -1.38 0.00	34.15 -1.57 0.00	30.88 -1.87 0.00	29.75 -1.80 0.00	31.80 -1.85 0.00	31.86 -1.92 0.00	31.96 -2.04 0.00	32.34 -2.03 0.00	34.97 -1.96 0.00	39.24 -2.02 0.00	44.00 -1.98 0.00	47.88 -2.26 0.00	52.32 -2.41 0.00	55.74 -2.99 0.00	61.90 -3.53 0.00	77.72 -5.05 0.00	90.47 -6.70 0.00	94.55 -6.57 0.00	83.79 -5.92 0.00	68.96 -3.79 0.00	59.01 -3.64 0.00	50.26 -2.93 0.00	44.37 -2.38 0.00
GLEN PARK____ 23778	47.97 3.01 0.00	42.82 2.35 0.00	37.65 1.93 0.00	34.35 1.60 0.00	32.84 1.29 0.00	35.10 1.45 0.00	35.24 1.45 0.00	35.33 1.32 0.00	35.54 1.17 0.00	38.15 1.22 0.00	42.54 1.28 0.00	47.40 1.43 0.00	51.89 1.75 0.00	56.65 1.91 0.00	60.74 2.00 0.00	67.86 2.42 0.00	85.59 2.82 0.00	100.96 3.79 0.00	106.48 5.36 0.00	95.82 6.10 0.00	80.28 5.31 -2.23	73.06 4.57 -5.84	56.51 3.30 -0.02	49.00 2.24 0.00
GLENDALE_27_KV_LOAD 356172	46.98 2.02 0.00	42.41 1.94 0.00	37.47 1.75 0.00	34.35 1.60 0.00	33.06 1.51 0.00	35.23 1.58 0.00	35.44 1.66 0.00	35.73 1.73 0.00	36.53 2.17 0.00	39.48 2.55 0.00	44.56 3.05 -0.25	49.67 3.31 -0.38	54.35 3.56 -0.65	58.80 3.61 -0.46	62.90 3.64 -0.52	69.23 3.80 0.00	88.91 6.04 -0.10	105.05 7.87 0.00	108.30 7.18 0.00	95.55 5.83 0.00	75.73 2.98 0.00	65.78 3.13 0.00	56.43 3.24 0.00	49.84 3.09 0.00
GLENWOOD_IC_1_G5 23712	46.67 1.71 0.00	42.49 2.02 0.00	37.51 1.79 0.00	34.28 1.54 0.00	33.00 1.45 0.00	35.20 1.55 0.00	35.27 1.49 0.00	35.63 1.63 0.00	36.46 2.10 0.00	39.41 2.47 0.00	44.89 2.97 -0.66	49.75 3.26 -0.50	54.21 3.41 -0.66	58.75 3.56 -0.46	63.26 3.99 -0.52	69.76 4.32 -0.01	97.23 6.04 -8.42	105.85 7.87 -0.81	108.40 7.28 0.00	95.56 5.83 -0.01	76.25 3.49 -0.01	65.53 2.88 0.00	61.31 3.19 -4.93	49.60 2.85 0.00
GLENWOOD_IC_2_G1 23688	46.35 1.40 0.00	42.22 1.74 -0.01	37.29 1.57 0.00	34.15 1.41 0.00	32.87 1.32 0.00	35.03 1.38 0.00	35.04 1.25 0.00	35.50 1.49 0.00	36.29 1.92 0.00	39.15 2.22 0.00	44.48 2.64 -0.58	49.27 2.85 -0.44	53.80 3.01 -0.65	58.37 3.17 -0.46	62.96 3.70 -0.52	69.49 4.06 0.00	92.86 5.79 -4.30	105.07 7.48 -0.41	108.09 6.97 0.00	95.28 5.56 0.00	76.02 3.28 0.00	65.40 2.75 0.00	58.63 2.82 -2.62	49.00 2.24 0.00
GLENWOOD_IC_3_G1 23689	46.35 1.40 0.00	42.22 1.74 -0.01	37.29 1.57 0.00	34.15 1.41 0.00	32.87 1.32 0.00	35.03 1.38 0.00	35.04 1.25 0.00	35.50 1.49 0.00	36.29 1.92 0.00	39.15 2.22 0.00	44.48 2.64 -0.58	49.27 2.85 -0.44	53.80 3.01 -0.65	58.37 3.17 -0.46	62.96 3.70 -0.52	69.49 4.06 0.00	92.86 5.79 -4.30	105.07 7.48 -0.41	108.09 6.97 0.00	95.28 5.56 0.00	76.02 3.28 0.00	65.40 2.75 0.00	58.63 2.82 -2.62	49.00 2.24 0.00
GLENWOOD____4 23550	46.67 1.71 0.00	42.49 2.02 0.00	37.51 1.79 0.00	34.28 1.54 0.00	33.00 1.45 0.00	35.20 1.55 0.00	35.27 1.49 0.00	35.63 1.63 0.00	36.46 2.10 0.00	39.41 2.47 0.00	44.89 2.97 -0.66	49.75 3.26 -0.50	54.21 3.41 -0.66	58.75 3.56 -0.46	63.37 4.11 -0.52	69.96 4.52 -0.01	97.40 6.21 -8.42	106.05 8.07 -0.81	108.60 7.48 0.00	95.74 6.01 -0.01	76.39 3.64 -0.01	65.72 3.07 0.00	61.31 3.19 -4.93	49.60 2.85 0.00
GLENWOOD____5 23614	46.67 1.71 0.00	42.49 2.02 0.00	37.51 1.79 0.00	34.28 1.54 0.00	33.00 1.45 0.00	35.20 1.55 0.00	35.27 1.49 0.00	35.63 1.63 0.00	36.46 2.10 0.00	39.41 2.47 0.00	44.89 2.97 -0.66	49.75 3.26 -0.50	54.21 3.41 -0.66	58.75 3.56 -0.46	63.37 4.11 -0.52	69.96 4.52 -0.01	97.40 6.21 -8.42	106.05 8.07 -0.81	108.60 7.48 0.00	95.74 6.01 -0.01	76.39 3.64 -0.01	65.72 3.07 0.00	61.31 3.19 -4.93	49.60 2.85 0.00
GLOBAL GREEN_PORT_GT1 23814	48.06 3.10 0.00	44.61 4.13 0.00	39.15 3.43 0.00	35.53 2.78 0.00	34.07 2.52 0.00	36.44 2.79 0.00	35.95 2.16 0.00	36.48 2.48 0.00	37.70 3.33 0.00	40.99 4.06 0.00	46.70 4.91 -0.54	51.57 5.19 -0.40	55.70 4.92 -0.65	60.06 4.87 -0.46	65.42 6.17 -0.51	72.04 6.61 0.00	94.15 9.43 -1.94	110.00 12.63 -0.20	112.18 12.03 0.97	98.77 9.06 0.01	77.83 5.09 0.00	66.28 3.63 0.00	54.88 3.67 1.97	49.75 2.99 0.00
GLOBE____DSASP 323697	44.01 -0.94 0.00	40.35 -0.12 0.00	35.04 -0.68 0.00	31.01 -1.74 0.00	29.84 -1.70 0.00	31.73 -1.92 0.00	32.00 -1.79 0.00	31.65 -2.35 0.00	31.96 -2.41 0.00	34.53 -2.40 0.00	38.82 -2.43 0.00	43.40 -2.57 0.00	46.73 -3.41 0.00	51.17 -3.56 0.00	53.92 -4.82 0.00	60.53 -4.91 0.00	74.50 -8.28 0.00	86.29 -10.88 0.00	90.30 -10.82 0.00	80.12 -9.60 0.00	66.93 -5.82 0.00	56.88 -5.76 0.00	49.25 -3.94 0.00	44.23 -2.52 0.00
GOETHSLN____LBMP 323567	46.26 1.30 0.00	41.77 1.30 0.00	36.90 1.18 0.00	33.86 1.11 0.00	32.59 1.04 0.00	34.73 1.08 0.00	34.90 1.11 0.00	35.29 1.29 0.00	36.09 1.72 0.00	38.96 2.03 0.00	43.94 2.43 -0.25	48.88 2.57 -0.33	50.49 2.76 2.41	51.50 2.96 6.19	54.71 3.35 7.37	63.30 3.47 5.61	78.03 5.21 9.96	93.69 6.71 10.19	91.42 6.17 15.87	79.64 4.93 15.01	57.18 2.62 18.18	54.00 2.63 11.28	51.75 2.39 3.84	49.09 2.34 0.00
GOLAH____69_KV_TB 1_2 80279	45.05 0.09 0.00	40.96 0.49 0.00	35.76 0.04 0.00	32.32 -0.43 0.00	31.10 -0.44 0.00	33.18 -0.47 0.00	33.35 -0.44 0.00	33.12 -0.88 0.00	33.44 -0.93 0.00	36.08 -0.85 0.00	40.56 -0.70 0.00	45.33 -0.64 0.00	49.19 -0.95 0.00	53.80 -0.93 0.00	57.09 -1.64 0.00	64.00 -1.44 0.00	79.80 -2.98 0.00	92.90 -4.28 0.00	97.28 -3.84 0.00	86.31 -3.41 0.00	71.36 -1.38 0.00	61.02 -1.63 0.00	52.23 -0.96 0.00	46.33 -0.42 0.00
GOODYEAR_LAKE_HYD 323669	46.62 1.66 0.00	41.97 1.50 0.00	37.08 1.36 0.00	34.02 1.28 0.00	32.71 1.17 0.00	34.90 1.25 0.00	35.00 1.22 0.00	35.19 1.19 0.00	35.43 1.07 0.00	38.11 1.18 0.00	42.62 1.36 0.00	47.54 1.56 0.00	51.99 1.86 0.00	56.98 2.24 0.00	61.20 2.47 0.00	68.12 2.68 0.00	86.09 3.31 0.00	101.45 4.28 0.00	105.67 4.55 0.00	93.84 4.13 0.00	76.02 3.27 0.00	65.40 2.76 0.00	55.37 2.18 0.00	48.58 1.82 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.18 0.22 0.00	40.84 0.36 0.00	35.90 0.18 0.00	32.78 0.03 0.00	31.54 0.00 0.00	33.65 0.00 0.00	33.79 0.00 0.00	33.86 -0.14 0.00	34.20 -0.17 0.00	36.82 -0.11 0.00	41.17 -0.08 0.00	45.98 0.00 0.00	50.14 0.00 0.00	54.84 0.11 0.00	58.68 -0.06 0.00	65.50 0.07 0.00	82.36 -0.41 0.00	96.69 -0.49 0.00	100.61 -0.51 0.00	89.36 -0.36 0.00	72.82 0.07 0.00	62.58 -0.06 0.00	53.19 0.00 0.00	46.85 0.09 0.00

GOUDEY___7 23579	45.18 0.22 0.00	40.84 0.36 0.00	35.90 0.18 0.00	32.78 0.03 0.00	31.54 0.00 0.00	33.65 0.00 0.00	33.79 0.00 0.00	33.86 -0.14 0.00	34.20 -0.17 0.00	36.82 -0.11 0.00	41.17 -0.08 0.00	45.98 0.00 0.00	50.14 0.00 0.00	54.84 0.11 0.00	58.68 -0.06 0.00	65.50 0.07 0.00	82.36 -0.41 0.00	96.69 -0.49 0.00	100.61 -0.51 0.00	89.36 -0.36 0.00	72.82 0.07 0.00	62.58 -0.06 0.00	53.19 0.00 0.00	46.85 0.09 0.00
GOUDEY___8 23580	45.18 0.22 0.00	40.84 0.36 0.00	35.90 0.18 0.00	32.78 0.03 0.00	31.54 0.00 0.00	33.65 0.00 0.00	33.79 0.00 0.00	33.86 -0.14 0.00	34.20 -0.17 0.00	36.82 -0.11 0.00	41.17 -0.08 0.00	45.98 0.00 0.00	50.14 0.00 0.00	54.84 0.11 0.00	58.68 -0.06 0.00	65.50 0.07 0.00	82.36 -0.41 0.00	96.69 -0.49 0.00	100.61 -0.51 0.00	89.36 -0.36 0.00	72.82 0.07 0.00	62.58 -0.06 0.00	53.19 0.00 0.00	46.85 0.09 0.00
GOWANUS_GT1_1 24077	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GOWANUS_GT1_2 24078	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GOWANUS_GT1_3 24079	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GOWANUS_GT1_4 24080	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GOWANUS_GT1_5 24084	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GOWANUS_GT1_6 24111	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GOWANUS_GT1_7 24112	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GOWANUS_GT1_8 24113	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GOWANUS_GT2_1 24114	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
GOWANUS_GT2_2 24115	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
GOWANUS_GT2_3 24116	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
GOWANUS_GT2_4 24117	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
GOWANUS_GT2_5 24118	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01

GOWANUS_GT2_6 24119	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
GOWANUS_GT2_7 24120	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
GOWANUS_GT2_8 24121	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
GOWANUS_GT3_1 24122	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
GOWANUS_GT3_2 24123	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
GOWANUS_GT3_3 24124	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
GOWANUS_GT3_4 24125	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
GOWANUS_GT3_5 24126	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
GOWANUS_GT3_6 24127	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
GOWANUS_GT3_7 24128	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
GOWANUS_GT3_8 24129	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
GOWANUS_GT4_1 24130	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GOWANUS_GT4_2 24131	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GOWANUS_GT4_3 24132	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GOWANUS_GT4_4 24133	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00

GOWANUS_GT4_5 24134	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GOWANUS_GT4_6 24135	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GOWANUS_GT4_7 24136	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GOWANUS_GT4_8 24137	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GREATVR_69_KV_BK1 356245	47.30 2.34 0.00	43.63 3.16 0.00	38.36 2.64 0.00	34.87 2.13 0.00	33.56 2.02 0.00	35.87 2.22 0.00	35.75 1.96 0.00	36.14 2.14 0.00	37.19 2.82 0.00	40.29 3.36 0.00	45.81 4.00 -0.55	50.53 4.14 -0.41	54.70 3.91 -0.65	59.13 3.94 -0.46	64.60 5.35 -0.51	71.06 5.63 0.00	93.01 7.70 -2.53	107.83 10.40 -0.25	110.01 9.81 0.92	97.43 7.72 0.00	77.54 4.80 0.00	66.47 3.82 0.00	55.65 3.88 1.42	50.54 3.79 0.00
GREENBSH_115KV_TB3 55895	44.91 -0.04 0.00	40.51 0.04 0.00	35.86 0.14 0.00	33.04 0.29 0.00	31.92 0.38 0.00	33.96 0.30 0.00	34.06 0.27 0.00	34.27 0.27 0.00	34.64 0.27 0.00	37.08 0.15 0.00	41.06 0.00 0.19	45.59 -0.09 0.30	49.33 -0.30 0.51	54.15 -0.22 0.36	58.28 -0.06 0.40	65.31 -0.13 0.00	82.78 0.08 0.07	97.66 0.49 0.00	101.42 0.30 0.00	89.72 0.00 0.00	72.38 -0.36 0.00	62.40 -0.25 0.00	52.92 -0.27 0.00	46.71 -0.05 0.00
GREENDGE_115KV_TB5 80291	45.68 0.72 0.00	41.24 0.77 0.00	36.08 0.36 0.00	32.74 0.00 0.00	31.48 -0.06 0.00	33.65 0.00 0.00	33.79 0.00 0.00	33.76 -0.24 0.00	34.06 -0.31 0.00	36.64 -0.30 0.00	41.01 -0.25 0.00	45.79 -0.18 0.00	49.64 -0.50 0.00	54.29 -0.44 0.00	57.91 -0.82 0.00	64.78 -0.65 0.00	81.20 -1.57 0.00	94.65 -2.53 0.00	98.79 -2.33 0.00	88.46 -1.26 0.00	72.75 0.00 0.00	62.33 -0.31 0.00	52.98 -0.21 0.00	46.66 -0.09 0.00
GREENIDGE___3 23582	45.68 0.72 0.00	41.24 0.77 0.00	36.08 0.36 0.00	32.74 0.00 0.00	31.48 -0.06 0.00	33.65 0.00 0.00	33.79 0.00 0.00	33.76 -0.24 0.00	34.06 -0.31 0.00	36.64 -0.30 0.00	41.01 -0.25 0.00	45.79 -0.18 0.00	49.64 -0.50 0.00	54.29 -0.44 0.00	57.91 -0.82 0.00	64.78 -0.65 0.00	81.20 -1.57 0.00	94.65 -2.53 0.00	98.79 -2.33 0.00	88.46 -1.26 0.00	72.75 0.00 0.00	62.33 -0.31 0.00	52.98 -0.21 0.00	46.66 -0.09 0.00
GREENIDGE___4 23583	45.68 0.72 0.00	41.24 0.77 0.00	36.08 0.36 0.00	32.68 -0.07 0.00	31.48 -0.06 0.00	33.65 0.00 0.00	33.75 -0.03 0.00	33.76 -0.24 0.00	34.06 -0.31 0.00	36.63 -0.30 0.00	41.01 -0.25 0.00	45.89 -0.09 0.00	49.69 -0.45 0.00	54.35 -0.38 0.00	58.09 -0.64 0.00	64.65 -0.78 0.00	81.29 -1.49 0.00	94.65 -2.53 0.00	98.80 -2.32 0.00	88.46 -1.26 0.00	72.82 0.07 0.00	62.40 -0.25 0.00	52.98 -0.21 0.00	47.03 0.28 0.00
GREENLWN_69_KV_BK 3 55738	46.04 1.08 0.00	42.49 2.02 0.00	37.47 1.75 0.00	34.12 1.38 0.00	32.84 1.29 0.00	35.10 1.45 0.00	35.04 1.25 0.00	35.43 1.43 0.00	36.40 2.03 0.00	39.41 2.47 0.00	44.69 2.89 -0.55	48.87 2.48 -0.41	53.09 2.31 -0.65	57.44 2.24 -0.46	62.60 3.35 -0.51	69.03 3.60 0.00	90.10 5.05 -2.27	104.38 7.00 -0.20	106.44 6.27 0.95	94.47 4.75 0.00	75.14 2.40 0.00	64.34 1.69 0.00	53.78 2.23 1.65	48.86 2.10 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00
GRISSOM___SOLAR 323813	48.02 3.06 0.00	43.22 2.75 0.00	38.15 2.43 0.00	34.90 2.16 0.00	33.66 2.11 0.00	35.94 2.29 0.00	35.98 2.19 0.00	35.77 1.77 0.00	35.64 1.27 0.00	37.67 0.74 0.00	41.44 0.33 0.15	45.98 0.23 0.23	50.06 0.30 0.39	55.28 0.82 0.27	59.67 1.24 0.31	67.53 2.09 0.00	86.45 3.73 0.06	103.20 6.03 0.00	108.80 7.68 0.00	97.07 7.36 0.00	78.42 5.68 0.00	67.28 4.64 0.00	56.91 3.72 0.00	49.93 3.18 0.00
GROVEVILLE___HYD 323602	46.53 1.57 0.00	42.01 1.54 0.00	37.15 1.43 0.00	34.09 1.34 0.00	32.81 1.26 0.00	34.96 1.31 0.00	35.14 1.35 0.00	35.39 1.39 0.00	35.98 1.62 0.00	38.74 1.81 0.00	43.56 2.10 -0.20	48.77 2.48 -0.31	53.52 2.86 -0.53	58.39 3.28 -0.37	62.85 3.70 -0.42	69.49 4.06 0.00	88.65 5.79 -0.08	104.66 7.48 0.00	108.40 7.28 0.00	95.73 6.01 0.00	76.68 3.93 0.00	66.03 3.38 0.00	55.96 2.77 0.00	49.18 2.43 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	44.87 -0.09 0.00	40.43 -0.04 0.00	35.58 -0.14 0.00	32.48 -0.26 0.00	31.26 -0.28 0.00	33.38 -0.27 0.00	33.48 -0.30 0.00	33.63 -0.37 0.00	34.02 -0.34 0.00	36.60 -0.33 0.00	40.97 -0.29 0.00	45.70 -0.28 0.00	49.94 -0.20 0.00	54.57 -0.16 0.00	58.44 -0.29 0.00	65.11 -0.33 0.00	82.11 -0.66 0.00	96.40 -0.78 0.00	100.41 -0.71 0.00	89.18 -0.54 0.00	72.46 -0.29 0.00	62.27 -0.38 0.00	52.87 -0.32 0.00	46.47 -0.28 0.00
HAMLTNNY_34_KV_TB 80303	45.05 0.09 0.00	40.63 0.16 0.00	35.72 0.00 0.00	32.55 -0.20 0.00	31.32 -0.22 0.00	33.45 -0.20 0.00	33.55 -0.24 0.00	33.66 -0.34 0.00	34.06 -0.31 0.00	36.67 -0.26 0.00	41.05 -0.21 0.00	45.84 -0.14 0.00	50.09 -0.05 0.00	54.68 -0.05 0.00	58.50 -0.23 0.00	65.24 -0.20 0.00	82.20 -0.58 0.00	96.40 -0.78 0.00	100.41 -0.71 0.00	89.18 -0.54 0.00	72.60 -0.15 0.00	62.40 -0.25 0.00	53.03 -0.16 0.00	46.61 -0.14 0.00

HAMPSHIRE___PAPER_HYD 323593	46.49 1.53 0.00	41.36 0.89 0.00	36.36 0.64 0.00	33.24 0.49 0.00	31.92 0.38 0.00	34.09 0.44 0.00	34.46 0.68 0.00	34.65 0.64 0.00	34.99 0.62 0.00	37.56 0.63 0.00	41.91 0.66 0.00	46.62 0.64 0.00	50.99 0.85 0.00	55.50 0.77 0.00	59.56 0.82 0.00	66.62 1.18 0.00	84.18 1.41 0.00	98.25 1.07 0.00	102.94 1.82 0.00	92.50 2.78 0.00	81.50 2.76 -5.99	80.72 2.38 -15.69	54.94 1.70 -0.05	47.55 0.79 0.00
HARDSCRABBLE_WT_PWR 323673	44.73 -0.22 0.00	40.23 -0.24 0.00	35.51 -0.21 0.00	32.58 -0.16 0.00	31.33 -0.22 0.00	33.42 -0.23 0.00	33.55 -0.23 0.00	33.76 -0.24 0.00	34.13 -0.24 0.00	36.71 -0.22 0.00	41.01 -0.25 0.00	45.66 -0.32 0.00	49.79 -0.35 0.00	54.29 -0.44 0.00	58.21 -0.53 0.00	64.72 -0.72 0.00	81.70 -1.08 0.00	96.11 -1.07 0.00	100.11 -1.01 0.00	89.09 -0.62 0.00	72.09 -0.66 0.00	62.14 -0.50 0.00	52.71 -0.48 0.00	46.28 -0.47 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	46.22 1.26 0.00	41.73 1.25 0.00	36.90 1.18 0.00	33.86 1.11 0.00	32.59 1.04 0.00	34.73 1.08 0.00	34.90 1.11 0.00	35.19 1.19 0.00	35.78 1.41 0.00	38.56 1.62 0.00	43.37 1.90 -0.22	48.52 2.21 -0.33	53.27 2.56 -0.57	58.09 2.96 -0.40	62.54 3.35 -0.45	69.10 3.66 0.00	88.07 5.21 -0.08	103.98 6.80 0.00	107.59 6.47 0.00	94.92 5.20 0.00	76.02 3.27 0.00	65.53 2.88 0.00	55.53 2.34 0.00	48.86 2.10 0.00
HARSNRAD_115KV_TB1 81005	44.10 -0.85 0.00	40.39 -0.08 0.00	35.01 -0.71 0.00	31.70 -1.05 0.00	30.50 -1.04 0.00	32.47 -1.18 0.00	32.70 -1.08 0.00	32.10 -1.90 0.00	32.41 -1.96 0.00	35.01 -1.92 0.00	39.40 -1.86 0.00	44.05 -1.93 0.00	47.48 -2.66 0.00	52.05 -2.68 0.00	54.86 -3.88 0.00	61.58 -3.86 0.00	75.82 -6.95 0.00	87.95 -9.23 0.00	92.02 -9.10 0.00	81.73 -7.98 0.00	68.24 -4.51 0.00	58.01 -4.64 0.00	50.16 -3.03 0.00	45.40 -1.36 0.00
HARZA MOOSE___RIVER 24016	46.44 1.48 0.00	41.56 1.09 0.00	36.61 0.89 0.00	33.50 0.75 0.00	32.11 0.57 0.00	34.29 0.64 0.00	34.46 0.68 0.00	34.68 0.68 0.00	34.99 0.62 0.00	37.63 0.70 0.00	42.04 0.78 0.00	46.81 0.83 0.00	51.19 1.05 0.00	55.94 1.20 0.00	60.03 1.29 0.00	67.20 1.77 0.00	84.60 1.82 0.00	99.41 2.24 0.00	104.05 2.93 0.00	92.95 3.23 0.00	77.01 2.62 -1.65	69.15 2.19 -4.32	54.64 1.44 -0.01	47.69 0.94 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.51 -0.45 0.00	40.15 -0.32 0.00	35.33 -0.39 0.00	32.29 -0.46 0.00	31.07 -0.47 0.00	33.18 -0.47 0.00	33.25 -0.54 0.00	33.39 -0.61 0.00	33.78 -0.58 0.00	36.34 -0.59 0.00	40.68 -0.58 0.00	45.38 -0.60 0.00	49.59 -0.55 0.00	54.13 -0.60 0.00	57.97 -0.76 0.00	64.65 -0.79 0.00	81.45 -1.32 0.00	95.62 -1.55 0.00	99.60 -1.52 0.00	88.37 -1.35 0.00	71.80 -0.95 0.00	61.77 -0.88 0.00	52.45 -0.74 0.00	46.19 -0.56 0.00
HELLGATE_13_KV_LD 55870	46.98 2.02 0.00	42.41 1.94 0.00	37.47 1.75 0.00	34.35 1.60 0.00	33.09 1.55 0.00	35.27 1.62 0.00	35.44 1.66 0.00	35.77 1.77 0.00	36.53 2.17 0.00	39.48 2.55 0.00	44.56 3.05 -0.25	49.72 3.36 -0.38	54.40 3.61 -0.65	58.80 3.61 -0.46	62.84 3.58 -0.52	69.17 3.73 0.00	88.91 6.04 -0.10	105.05 7.87 0.00	108.30 7.18 0.00	95.55 5.83 0.00	75.66 2.91 0.00	65.72 3.07 0.00	56.43 3.24 0.00	49.84 3.09 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.98 2.02 0.00	42.41 1.94 0.00	37.47 1.75 0.00	34.35 1.60 0.00	33.09 1.55 0.00	35.27 1.62 0.00	35.44 1.66 0.00	35.77 1.77 0.00	36.53 2.17 0.00	39.48 2.55 0.00	44.56 3.05 -0.25	49.72 3.36 -0.38	54.40 3.61 -0.65	58.80 3.61 -0.46	62.84 3.58 -0.52	69.17 3.73 0.00	88.91 6.04 -0.10	105.05 7.87 0.00	108.30 7.18 0.00	95.55 5.83 0.00	75.66 2.91 0.00	65.72 3.07 0.00	56.43 3.24 0.00	49.84 3.09 0.00
HEMPSTEAD____ 23647	46.26 1.30 0.00	42.50 2.02 -0.01	37.51 1.79 0.00	34.28 1.54 0.00	32.93 1.39 0.00	35.17 1.52 0.00	35.04 1.25 0.00	35.53 1.53 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.83 2.89 -0.68	49.54 3.03 -0.53	53.86 3.06 -0.66	58.31 3.12 -0.46	63.14 3.88 -0.53	69.76 4.32 -0.01	98.06 5.88 -9.40	105.95 7.87 -0.90	108.41 7.28 0.00	95.38 5.66 -0.01	76.10 3.35 -0.01	65.22 2.57 0.00	61.75 3.08 -5.47	48.86 2.11 0.00
HICKLING___1 23621	45.45 0.49 0.00	41.12 0.65 0.00	35.93 0.21 0.00	32.61 -0.13 0.00	31.39 -0.16 0.00	33.52 -0.13 0.00	33.68 -0.10 0.00	33.59 -0.41 0.00	33.89 -0.48 0.00	36.49 -0.44 0.00	40.89 -0.37 0.00	45.70 -0.28 0.00	49.74 -0.40 0.00	54.46 -0.27 0.00	58.09 -0.65 0.00	64.98 -0.46 0.00	81.20 -1.57 0.00	95.14 -2.04 0.00	99.30 -1.82 0.00	88.37 -1.35 0.00	72.53 -0.22 0.00	62.15 -0.50 0.00	52.92 -0.27 0.00	46.71 -0.05 0.00
HICKLING___2 23622	45.45 0.49 0.00	41.12 0.65 0.00	35.93 0.21 0.00	32.61 -0.13 0.00	31.39 -0.16 0.00	33.52 -0.13 0.00	33.68 -0.10 0.00	33.59 -0.41 0.00	33.89 -0.48 0.00	36.49 -0.44 0.00	40.89 -0.37 0.00	45.70 -0.28 0.00	49.74 -0.40 0.00	54.46 -0.27 0.00	58.09 -0.65 0.00	64.98 -0.46 0.00	81.20 -1.57 0.00	95.14 -2.04 0.00	99.30 -1.82 0.00	88.37 -1.35 0.00	72.53 -0.22 0.00	62.15 -0.50 0.00	52.92 -0.27 0.00	46.71 -0.05 0.00
HIGH FALLS___HY 23754	46.53 1.57 0.00	41.97 1.50 0.00	37.08 1.36 0.00	34.02 1.28 0.00	32.68 1.14 0.00	34.86 1.21 0.00	35.04 1.25 0.00	35.33 1.33 0.00	35.91 1.55 0.00	38.70 1.77 0.00	43.50 2.10 -0.14	48.62 2.44 -0.21	53.40 2.91 -0.35	58.43 3.45 -0.25	62.89 3.88 -0.28	69.75 4.32 0.00	88.95 6.13 -0.05	104.91 8.07 0.33	108.44 7.89 0.57	96.45 6.73 0.00	77.26 4.51 0.00	66.53 3.88 0.00	56.28 3.09 0.00	49.28 2.52 0.00
HIGH_RIVER___SOLAR 323847	46.71 1.75 0.00	42.09 1.62 0.00	37.22 1.50 0.00	34.12 1.37 0.00	32.87 1.32 0.00	35.07 1.41 0.00	35.10 1.32 0.00	35.09 1.09 0.00	35.16 0.79 0.00	37.34 0.41 0.00	41.18 0.08 0.16	45.78 0.05 0.24	49.82 0.10 0.42	54.87 0.44 0.30	59.11 0.71 0.33	66.74 1.31 0.00	85.03 2.31 0.06	101.16 3.99 0.00	105.77 4.65 0.00	94.11 4.40 0.00	76.02 3.28 0.00	65.40 2.75 0.00	55.37 2.18 0.00	48.67 1.92 0.00
HILLBURN___GT 23639	45.99 1.03 0.00	41.56 1.09 0.00	36.79 1.07 0.00	33.82 1.08 0.00	32.52 0.98 0.00	34.66 1.01 0.00	34.77 0.98 0.00	35.12 1.12 0.00	35.78 1.41 0.00	38.55 1.62 0.00	43.42 1.94 -0.23	48.44 2.12 -0.34	53.13 2.41 -0.59	57.83 2.68 -0.42	62.26 3.05 -0.47	68.77 3.34 0.00	87.75 4.88 -0.09	103.49 6.31 0.00	106.98 5.86 0.00	94.38 4.66 0.00	75.44 2.69 0.00	65.16 2.51 0.00	55.32 2.13 0.00	48.67 1.92 0.00
HILLSIDE_115KV_TB1 80332	44.69 -0.27 0.00	40.47 0.00 0.00	35.43 -0.29 0.00	32.22 -0.52 0.00	31.01 -0.54 0.00	33.08 -0.57 0.00	33.25 -0.54 0.00	33.22 -0.78 0.00	33.51 -0.86 0.00	36.08 -0.85 0.00	40.39 -0.87 0.00	45.15 -0.83 0.00	49.14 -1.00 0.00	53.80 -0.93 0.00	57.39 -1.35 0.00	64.19 -1.24 0.00	80.29 -2.48 0.00	94.07 -3.11 0.00	98.09 -3.03 0.00	87.20 -2.51 0.00	71.51 -1.24 0.00	61.33 -1.32 0.00	52.23 -0.96 0.00	46.10 -0.65 0.00

HISHELDN_WT_PWR 323625	44.87 -0.09 0.00	40.88 0.40 0.00	35.54 -0.18 0.00	31.89 -0.85 0.00	30.76 -0.79 0.00	32.75 -0.91 0.00	32.91 -0.88 0.00	32.67 -1.33 0.00	32.93 -1.44 0.00	35.57 -1.37 0.00	39.93 -1.32 0.00	44.78 -1.20 0.00	48.38 -1.76 0.00	52.98 -1.75 0.00	56.33 -2.41 0.00	62.49 -2.94 0.00	77.64 -5.13 0.00	90.37 -6.81 0.00	94.65 -6.47 0.00	84.24 -5.48 0.00	70.13 -2.62 0.00	59.83 -2.82 0.00	51.22 -1.97 0.00	45.82 -0.93 0.00
HOLTSVILLE_IC_1 23690	46.17 1.21 0.00	42.95 2.47 -0.01	37.79 2.07 0.00	34.45 1.70 0.00	33.06 1.51 0.00	35.33 1.68 0.00	35.04 1.25 0.00	35.60 1.60 0.00	36.64 2.27 0.00	39.63 2.69 0.00	44.93 3.13 -0.54	49.41 3.03 -0.40	53.44 2.66 -0.65	57.66 2.47 -0.46	62.77 3.52 -0.51	69.23 3.79 0.00	90.24 5.55 -1.91	105.24 7.87 -0.19	107.44 7.28 0.97	95.00 5.29 0.01	75.36 2.62 0.00	64.52 1.88 0.00	53.74 2.55 2.00	48.48 1.73 0.00
HOLTSVILLE_IC_10 23699	46.44 1.48 0.00	43.15 2.67 -0.01	37.97 2.25 0.00	34.58 1.83 0.00	33.18 1.64 0.00	35.47 1.82 0.00	35.17 1.39 0.00	35.73 1.73 0.00	36.77 2.40 0.00	39.85 2.92 0.00	45.22 3.42 -0.54	49.78 3.40 -0.40	53.90 3.11 -0.65	58.15 2.95 -0.46	63.36 4.11 -0.51	69.82 4.38 0.00	91.21 6.37 -2.06	106.23 8.84 -0.21	108.46 8.29 0.96	95.90 6.19 0.00	76.02 3.28 0.00	65.03 2.38 0.00	54.30 2.98 1.87	48.81 2.05 0.00
HOLTSVILLE_IC_2 23691	46.17 1.21 0.00	42.95 2.47 -0.01	37.79 2.07 0.00	34.45 1.70 0.00	33.06 1.51 0.00	35.33 1.68 0.00	35.04 1.25 0.00	35.60 1.60 0.00	36.64 2.27 0.00	39.63 2.69 0.00	44.93 3.13 -0.54	49.41 3.03 -0.40	53.44 2.66 -0.65	57.66 2.47 -0.46	62.77 3.52 -0.51	69.23 3.79 0.00	90.24 5.55 -1.91	105.24 7.87 -0.19	107.44 7.28 0.97	95.00 5.29 0.01	75.36 2.62 0.00	64.52 1.88 0.00	53.74 2.55 2.00	48.48 1.73 0.00
HOLTSVILLE_IC_3 23692	46.17 1.21 0.00	42.95 2.47 -0.01	37.79 2.07 0.00	34.45 1.70 0.00	33.06 1.51 0.00	35.33 1.68 0.00	35.04 1.25 0.00	35.60 1.60 0.00	36.64 2.27 0.00	39.63 2.69 0.00	44.93 3.13 -0.54	49.41 3.03 -0.40	53.44 2.66 -0.65	57.66 2.47 -0.46	62.77 3.52 -0.51	69.23 3.79 0.00	90.24 5.55 -1.91	105.24 7.87 -0.19	107.44 7.28 0.97	95.00 5.29 0.01	75.36 2.62 0.00	64.52 1.88 0.00	53.74 2.55 2.00	48.48 1.73 0.00
HOLTSVILLE_IC_4 23693	46.17 1.21 0.00	42.95 2.47 -0.01	37.79 2.07 0.00	34.45 1.70 0.00	33.06 1.51 0.00	35.33 1.68 0.00	35.04 1.25 0.00	35.60 1.60 0.00	36.64 2.27 0.00	39.63 2.69 0.00	44.93 3.13 -0.54	49.41 3.03 -0.40	53.44 2.66 -0.65	57.66 2.47 -0.46	62.77 3.52 -0.51	69.23 3.79 0.00	90.24 5.55 -1.91	105.24 7.87 -0.19	107.44 7.28 0.97	95.00 5.29 0.01	75.36 2.62 0.00	64.52 1.88 0.00	53.74 2.55 2.00	48.48 1.73 0.00
HOLTSVILLE_IC_5 23694	46.17 1.21 0.00	42.95 2.47 -0.01	37.79 2.07 0.00	34.45 1.70 0.00	33.06 1.51 0.00	35.33 1.68 0.00	35.04 1.25 0.00	35.60 1.60 0.00	36.64 2.27 0.00	39.63 2.69 0.00	44.93 3.13 -0.54	49.41 3.03 -0.40	53.44 2.66 -0.65	57.66 2.47 -0.46	62.77 3.52 -0.51	69.23 3.79 0.00	90.24 5.55 -1.91	105.24 7.87 -0.19	107.44 7.28 0.97	95.00 5.29 0.01	75.36 2.62 0.00	64.52 1.88 0.00	53.74 2.55 2.00	48.48 1.73 0.00
HOLTSVILLE_IC_6 23695	46.44 1.48 0.00	43.15 2.67 -0.01	37.97 2.25 0.00	34.58 1.83 0.00	33.18 1.64 0.00	35.47 1.82 0.00	35.17 1.39 0.00	35.73 1.73 0.00	36.77 2.40 0.00	39.85 2.92 0.00	45.22 3.42 -0.54	49.78 3.40 -0.40	53.90 3.11 -0.65	58.15 2.95 -0.46	63.36 4.11 -0.51	69.82 4.38 0.00	91.21 6.37 -2.06	106.23 8.84 -0.21	108.46 8.29 0.96	95.90 6.19 0.00	76.02 3.28 0.00	65.03 2.38 0.00	54.30 2.98 1.87	48.81 2.05 0.00
HOLTSVILLE_IC_7 23696	46.44 1.48 0.00	43.15 2.67 -0.01	37.97 2.25 0.00	34.58 1.83 0.00	33.18 1.64 0.00	35.47 1.82 0.00	35.17 1.39 0.00	35.73 1.73 0.00	36.77 2.40 0.00	39.85 2.92 0.00	45.22 3.42 -0.54	49.78 3.40 -0.40	53.90 3.11 -0.65	58.15 2.95 -0.46	63.36 4.11 -0.51	69.82 4.38 0.00	91.21 6.37 -2.06	106.23 8.84 -0.21	108.46 8.29 0.96	95.90 6.19 0.00	76.02 3.28 0.00	65.03 2.38 0.00	54.30 2.98 1.87	48.81 2.05 0.00
HOLTSVILLE_IC_8 23697	46.44 1.48 0.00	43.15 2.67 -0.01	37.97 2.25 0.00	34.58 1.83 0.00	33.18 1.64 0.00	35.47 1.82 0.00	35.17 1.39 0.00	35.73 1.73 0.00	36.77 2.40 0.00	39.85 2.92 0.00	45.22 3.42 -0.54	49.78 3.40 -0.40	53.90 3.11 -0.65	58.15 2.95 -0.46	63.36 4.11 -0.51	69.82 4.38 0.00	91.21 6.37 -2.06	106.23 8.84 -0.21	108.46 8.29 0.96	95.90 6.19 0.00	76.02 3.28 0.00	65.03 2.38 0.00	54.30 2.98 1.87	48.81 2.05 0.00
HOLTSVILLE_IC_9 23698	46.44 1.48 0.00	43.15 2.67 -0.01	37.97 2.25 0.00	34.58 1.83 0.00	33.18 1.64 0.00	35.47 1.82 0.00	35.17 1.39 0.00	35.73 1.73 0.00	36.77 2.40 0.00	39.85 2.92 0.00	45.22 3.42 -0.54	49.78 3.40 -0.40	53.90 3.11 -0.65	58.15 2.95 -0.46	63.36 4.11 -0.51	69.82 4.38 0.00	91.21 6.37 -2.06	106.23 8.84 -0.21	108.46 8.29 0.96	95.90 6.19 0.00	76.02 3.28 0.00	65.03 2.38 0.00	54.30 2.98 1.87	48.81 2.05 0.00
HOMER_HL_115KV_TB2 355744	44.46 -0.49 0.00	40.51 0.04 0.00	35.18 -0.54 0.00	31.76 -0.98 0.00	30.57 -0.98 0.00	32.58 -1.08 0.00	32.81 -0.98 0.00	32.61 -1.39 0.00	32.96 -1.41 0.00	35.64 -1.29 0.00	39.98 -1.28 0.00	44.78 -1.20 0.00	48.38 -1.75 0.00	53.20 -1.53 0.00	56.39 -2.35 0.00	63.28 -2.16 0.00	78.39 -4.39 0.00	91.54 -5.64 0.00	95.46 -5.66 0.00	84.60 -5.11 0.00	70.27 -2.47 0.00	59.95 -2.69 0.00	51.33 -1.86 0.00	45.63 -1.12 0.00
HOWARD_WT_PWR 323690	45.99 1.03 0.00	41.68 1.21 0.00	36.26 0.54 0.00	32.65 -0.10 0.00	31.42 -0.13 0.00	33.52 -0.13 0.00	33.65 -0.13 0.00	33.42 -0.58 0.00	33.61 -0.76 0.00	36.23 -0.70 0.00	40.59 -0.66 0.00	45.43 -0.55 0.00	49.29 -0.85 0.00	53.96 -0.77 0.00	57.44 -1.29 0.00	63.87 -1.57 0.00	79.71 -3.06 0.00	93.39 -3.79 0.00	97.98 -3.14 0.00	87.56 -2.15 0.00	72.46 -0.29 0.00	61.96 -0.69 0.00	52.71 -0.48 0.00	46.85 0.09 0.00
HQ_GEN_CEDARS 23644	46.08 1.12 0.00	40.88 0.40 0.00	35.97 0.25 0.00	32.94 0.20 0.00	31.73 0.19 0.00	33.85 0.20 0.00	34.46 0.68 0.00	34.68 0.68 0.00	35.02 0.65 0.00	37.60 0.66 0.00	42.00 0.74 0.00	46.71 0.74 0.00	50.99 0.85 0.00	55.39 0.66 0.00	59.44 0.70 0.00	66.29 0.85 0.00	84.02 1.24 0.00	97.18 0.00 0.00	101.32 0.20 0.00	90.97 1.26 0.00	86.94 1.82 -12.37	96.69 1.63 -32.42	54.67 1.38 -0.09	47.27 0.51 0.00
HQ_GEN_CEDARS_PROXY 323590	46.04 1.08 0.00	40.88 0.40 0.00	35.97 0.25 0.00	32.94 0.20 0.00	31.73 0.19 0.00	33.86 0.20 0.00	34.46 0.68 0.00	34.68 0.68 0.00	35.02 0.65 0.00	37.60 0.67 0.00	42.00 0.74 0.00	46.71 0.73 0.00	50.99 0.85 0.00	55.39 0.66 0.00	59.44 0.71 0.00	66.28 0.85 0.00	84.02 1.24 0.00	97.18 0.00 0.00	101.32 0.20 0.00	90.97 1.26 0.00	86.94 1.82 -12.37	96.69 1.63 -32.42	54.67 1.38 -0.09	47.27 0.52 0.00

HQ_GEN_IMPORT 323601	45.23 0.27 0.00	40.55 0.08 0.00	35.79 0.07 0.00	32.78 0.03 0.00	31.58 0.03 0.00	33.72 0.07 0.00	33.96 0.17 0.00	34.17 0.17 0.00	34.54 0.17 0.00	37.12 0.19 0.00	41.46 0.21 0.00	46.16 0.18 0.00	50.34 0.20 0.00	54.84 0.11 0.00	58.85 0.12 0.00	65.63 0.20 0.00	83.02 0.25 0.00	97.27 0.10 0.00	101.22 0.10 0.00	89.99 0.27 0.00	72.81 0.44 0.37	62.05 0.38 0.98	53.51 0.32 0.00	46.89 0.14 0.00
HQ_GEN_WHEEL 23651	45.23 0.27 0.00	40.55 0.08 0.00	35.79 0.07 0.00	32.78 0.03 0.00	31.58 0.03 0.00	33.72 0.07 0.00	33.96 0.17 0.00	34.17 0.17 0.00	34.54 0.17 0.00	37.12 0.19 0.00	41.46 0.21 0.00	46.16 0.18 0.00	50.34 0.20 0.00	54.84 0.11 0.00	58.85 0.12 0.00	65.63 0.20 0.00	83.02 0.25 0.00	97.27 0.10 0.00	101.22 0.10 0.00	89.99 0.27 0.00	72.81 0.44 0.37	62.05 0.38 0.98	53.51 0.32 0.00	46.89 0.14 0.00
HUDSON AVE_GT_3 23810	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.09 1.34 0.00	32.81 1.26 0.00	34.96 1.31 0.00	35.17 1.39 0.00	35.53 1.53 0.00	36.33 1.96 0.00	39.22 2.29 0.00	44.23 2.72 -0.25	49.30 2.94 -0.38	54.00 3.21 -0.65	58.64 3.45 -0.46	63.13 3.88 -0.52	69.49 4.06 0.00	88.83 5.96 -0.10	104.76 7.58 0.00	108.20 7.08 0.00	95.46 5.74 0.00	76.02 3.27 0.00	65.78 3.13 0.00	56.01 2.82 0.00	49.46 2.71 0.00
HUDSON AVE_GT_4 23540	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.09 1.34 0.00	32.81 1.26 0.00	34.96 1.31 0.00	35.17 1.39 0.00	35.53 1.53 0.00	36.33 1.96 0.00	39.22 2.29 0.00	44.23 2.72 -0.25	49.30 2.94 -0.38	54.00 3.21 -0.65	58.64 3.45 -0.46	63.13 3.88 -0.52	69.49 4.06 0.00	88.83 5.96 -0.10	104.76 7.58 0.00	108.20 7.08 0.00	95.46 5.74 0.00	76.02 3.27 0.00	65.78 3.13 0.00	56.01 2.82 0.00	49.46 2.71 0.00
HUDSON AVE_GT_5 23657	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.09 1.34 0.00	32.81 1.26 0.00	34.96 1.31 0.00	35.17 1.39 0.00	35.53 1.53 0.00	36.33 1.96 0.00	39.22 2.29 0.00	44.23 2.72 -0.25	49.30 2.94 -0.38	54.00 3.21 -0.65	58.64 3.45 -0.46	63.13 3.88 -0.52	69.49 4.06 0.00	88.83 5.96 -0.10	104.76 7.58 0.00	108.20 7.08 0.00	95.46 5.74 0.00	76.02 3.27 0.00	65.78 3.13 0.00	56.01 2.82 0.00	49.46 2.71 0.00
HUDSON_AVE_10 24168	46.49 1.53 0.00	41.97 1.50 0.00	37.08 1.36 0.00	33.99 1.24 0.00	32.71 1.17 0.00	34.90 1.25 0.00	35.07 1.28 0.00	35.46 1.46 0.00	36.29 1.92 0.00	39.15 2.22 0.00	44.11 2.60 -0.25	49.16 2.80 -0.38	53.80 3.01 -0.65	58.48 3.28 -0.46	62.90 3.64 -0.52	69.30 3.86 0.00	88.58 5.71 -0.10	104.47 7.29 0.00	108.45 6.78 -0.55	95.19 5.47 0.00	75.80 3.06 0.00	65.59 2.94 0.00	55.90 2.71 0.00	49.37 2.62 0.00
HUDSON___115KV_TB 4 355613	46.04 1.08 0.00	41.48 1.01 0.00	36.68 0.96 0.00	33.73 0.98 0.00	32.52 0.98 0.00	34.63 0.98 0.00	34.70 0.91 0.00	34.78 0.78 0.00	35.02 0.65 0.00	37.37 0.44 0.00	41.62 0.50 0.13	46.15 0.37 0.20	49.95 0.15 0.34	54.82 0.33 0.24	59.05 0.59 0.27	65.83 0.39 0.00	84.22 1.49 0.05	98.34 2.43 1.26	101.78 2.83 2.17	91.69 1.97 0.00	74.06 1.31 0.00	63.77 1.13 0.00	53.99 0.80 0.00	47.59 0.84 0.00
HUNTER MOUNT___DRP 323613	46.31 1.35 0.00	41.68 1.21 0.00	36.86 1.14 0.00	33.89 1.15 0.00	32.65 1.10 0.00	34.80 1.14 0.00	34.83 1.05 0.00	34.85 0.85 0.00	35.02 0.65 0.00	37.34 0.41 0.00	41.79 0.62 0.08	46.50 0.64 0.12	50.38 0.45 0.21	55.24 0.66 0.15	59.51 0.94 0.17	65.96 0.52 0.00	84.81 2.07 0.03	98.64 3.30 1.84	101.71 3.74 3.16	92.23 2.51 0.00	74.49 1.75 0.00	64.15 1.50 0.00	54.20 1.01 0.00	47.78 1.03 0.00
HUNTINGTON_RES_REC 323705	46.08 1.12 0.00	42.83 2.35 -0.01	37.72 2.00 0.00	34.38 1.64 0.00	33.00 1.45 0.00	35.27 1.62 0.00	35.00 1.21 0.00	35.57 1.56 0.00	36.60 2.23 0.00	39.63 2.69 0.00	45.02 3.22 -0.54	49.33 2.95 -0.40	53.54 2.76 -0.65	57.87 2.68 -0.46	62.95 3.70 -0.51	69.49 4.06 0.00	90.62 5.79 -2.06	105.53 8.06 -0.29	107.64 7.48 0.96	95.19 5.47 0.00	75.58 2.83 0.00	64.65 2.00 0.00	53.94 2.61 1.86	48.39 1.64 0.00
HUNTLEY___63 23557	44.91 -0.04 0.00	41.08 0.61 0.00	35.61 -0.11 0.00	31.93 -0.82 0.00	30.69 -0.85 0.00	32.71 -0.94 0.00	32.97 -0.81 0.00	32.50 -1.50 0.00	32.82 -1.55 0.00	35.53 -1.40 0.00	39.98 -1.28 0.00	44.74 -1.24 0.00	48.23 -1.91 0.00	52.87 -1.86 0.00	55.74 -3.00 0.00	62.43 -3.01 0.00	76.73 -6.04 0.00	89.11 -8.07 0.00	93.23 -7.89 0.00	82.72 -7.00 0.00	68.96 -3.78 0.00	58.83 -3.82 0.00	50.74 -2.45 0.00	45.63 -1.12 0.00
HUNTLEY___64 23558	44.91 -0.04 0.00	41.08 0.61 0.00	35.61 -0.11 0.00	31.93 -0.82 0.00	30.69 -0.85 0.00	32.71 -0.94 0.00	32.97 -0.81 0.00	32.50 -1.50 0.00	32.82 -1.55 0.00	35.53 -1.40 0.00	39.98 -1.28 0.00	44.74 -1.24 0.00	48.23 -1.91 0.00	52.87 -1.86 0.00	55.74 -3.00 0.00	62.43 -3.01 0.00	76.73 -6.04 0.00	89.11 -8.07 0.00	93.23 -7.89 0.00	82.72 -7.00 0.00	68.96 -3.78 0.00	58.83 -3.82 0.00	50.74 -2.45 0.00	45.63 -1.12 0.00
HUNTLEY___65 23559	44.91 -0.04 0.00	41.08 0.61 0.00	35.61 -0.11 0.00	31.93 -0.82 0.00	30.69 -0.85 0.00	32.71 -0.94 0.00	32.97 -0.81 0.00	32.50 -1.50 0.00	32.82 -1.55 0.00	35.53 -1.40 0.00	39.98 -1.28 0.00	44.74 -1.24 0.00	48.23 -1.91 0.00	52.87 -1.86 0.00	55.74 -3.00 0.00	62.43 -3.01 0.00	76.73 -6.04 0.00	89.11 -8.07 0.00	93.23 -7.89 0.00	82.72 -7.00 0.00	68.96 -3.78 0.00	58.83 -3.82 0.00	50.74 -2.45 0.00	45.63 -1.12 0.00
HUNTLEY___66 23560	44.91 -0.04 0.00	41.08 0.61 0.00	35.61 -0.11 0.00	31.93 -0.82 0.00	30.69 -0.85 0.00	32.71 -0.94 0.00	32.97 -0.81 0.00	32.50 -1.50 0.00	32.82 -1.55 0.00	35.53 -1.40 0.00	39.98 -1.28 0.00	44.74 -1.24 0.00	48.23 -1.91 0.00	52.87 -1.86 0.00	55.74 -3.00 0.00	62.43 -3.01 0.00	76.73 -6.04 0.00	89.11 -8.07 0.00	93.23 -7.89 0.00	82.72 -7.00 0.00	68.96 -3.78 0.00	58.83 -3.82 0.00	50.74 -2.45 0.00	45.63 -1.12 0.00
HUNTLEY___67 23561	44.46 -0.49 0.00	40.67 0.20 0.00	35.29 -0.43 0.00	31.76 -0.98 0.00	30.57 -0.98 0.00	32.54 -1.11 0.00	32.77 -1.01 0.00	32.40 -1.60 0.00	32.72 -1.65 0.00	35.38 -1.55 0.00	39.77 -1.49 0.00	44.51 -1.47 0.00	47.98 -2.16 0.00	52.60 -2.13 0.00	55.45 -3.29 0.00	62.30 -3.14 0.00	76.73 -6.04 0.00	89.11 -8.07 0.00	93.23 -7.89 0.00	82.72 -7.00 0.00	68.96 -3.78 0.00	58.64 -4.01 0.00	50.64 -2.55 0.00	45.35 -1.40 0.00
HUNTLEY___68 23562	44.46 -0.49 0.00	40.67 0.20 0.00	35.29 -0.43 0.00	31.76 -0.98 0.00	30.57 -0.98 0.00	32.54 -1.11 0.00	32.77 -1.01 0.00	32.40 -1.60 0.00	32.72 -1.65 0.00	35.38 -1.55 0.00	39.77 -1.49 0.00	44.51 -1.47 0.00	47.98 -2.16 0.00	52.60 -2.13 0.00	55.45 -3.29 0.00	62.30 -3.14 0.00	76.73 -6.04 0.00	89.11 -8.07 0.00	93.23 -7.89 0.00	82.72 -7.00 0.00	68.96 -3.78 0.00	58.64 -4.01 0.00	50.64 -2.55 0.00	45.35 -1.40 0.00

HYLAND___LFGE 323620	47.57 2.61 0.00	43.02 2.55 0.00	37.47 1.75 0.00	33.66 0.92 0.00	32.43 0.88 0.00	34.70 1.04 0.00	34.66 0.88 0.00	34.14 0.14 0.00	33.82 -0.55 0.00	36.12 -0.81 0.00	40.10 -1.15 0.00	44.64 -1.33 0.00	48.53 -1.61 0.00	53.26 -1.48 0.00	55.15 -3.58 0.00	61.51 -3.92 0.00	77.40 -5.38 0.00	91.54 -5.64 0.00	97.48 -3.64 0.00	88.01 -1.71 0.00	73.33 0.58 0.00	62.84 0.19 0.00	53.40 0.21 0.00	48.57 1.82 0.00
INDECK___CORINTH 23802	46.62 1.66 0.00	41.97 1.50 0.00	37.22 1.50 0.00	34.02 1.28 0.00	32.84 1.29 0.00	35.07 1.41 0.00	35.14 1.35 0.00	35.19 1.19 0.00	35.60 1.24 0.00	37.89 0.96 0.00	41.41 0.37 0.21	46.25 0.60 0.33	50.23 0.65 0.56	55.43 1.09 0.39	59.59 1.29 0.44	67.34 1.90 0.00	85.59 2.90 0.08	101.26 4.08 0.00	106.48 5.36 0.00	94.47 4.75 0.00	76.17 3.42 0.00	65.34 2.69 0.00	55.21 2.02 0.00	48.43 1.68 0.00
INDECK___ILION 23567	44.91 -0.04 0.00	40.43 -0.04 0.00	35.68 -0.04 0.00	32.74 0.00 0.00	31.48 -0.06 0.00	33.59 -0.07 0.00	33.68 -0.10 0.00	33.93 -0.07 0.00	34.30 -0.07 0.00	36.86 -0.07 0.00	41.17 -0.08 0.00	45.89 -0.09 0.00	50.04 -0.10 0.00	54.68 -0.05 0.00	58.62 -0.12 0.00	65.24 -0.20 0.00	82.44 -0.33 0.00	96.98 -0.19 0.00	100.92 -0.20 0.00	89.63 -0.09 0.00	72.60 -0.15 0.00	62.52 -0.13 0.00	53.03 -0.16 0.00	46.57 -0.19 0.00
INDECK___OLEAN 23982	44.47 -0.49 0.00	40.51 0.04 0.00	35.22 -0.50 0.00	31.66 -1.08 0.00	30.53 -1.01 0.00	32.54 -1.11 0.00	32.70 -1.08 0.00	32.61 -1.40 0.00	32.96 -1.41 0.00	35.64 -1.29 0.00	39.98 -1.28 0.00	44.92 -1.06 0.00	48.49 -1.65 0.00	53.26 -1.48 0.00	56.68 -2.06 0.00	63.02 -2.42 0.00	78.47 -4.31 0.00	91.54 -5.64 0.00	95.46 -5.66 0.00	84.61 -5.11 0.00	70.35 -2.40 0.00	60.20 -2.44 0.00	51.33 -1.86 0.00	45.68 -1.07 0.00
INDECK___OSWEGO 23783	44.10 -0.86 0.00	39.74 -0.73 0.00	35.01 -0.71 0.00	31.99 -0.75 0.00	30.79 -0.76 0.00	32.88 -0.77 0.00	32.94 -0.84 0.00	33.12 -0.88 0.00	33.47 -0.89 0.00	35.97 -0.96 0.00	40.23 -1.03 0.00	44.87 -1.10 0.00	48.99 -1.15 0.00	53.53 -1.20 0.00	56.92 -1.82 0.00	63.34 -2.10 0.00	79.96 -2.81 0.00	93.87 -3.30 0.00	97.88 -3.24 0.00	86.93 -2.78 0.00	71.00 -2.11 -0.37	61.79 -1.82 -0.97	52.02 -1.17 0.00	45.72 -1.03 0.00
INDECK___YERKES 23781	45.00 0.05 0.00	41.12 0.65 0.00	35.54 -0.18 0.00	31.96 -0.79 0.00	30.82 -0.72 0.00	32.81 -0.84 0.00	32.84 -0.95 0.00	32.54 -1.46 0.00	32.86 -1.51 0.00	35.60 -1.33 0.00	40.02 -1.24 0.00	44.97 -1.01 0.00	48.43 -1.70 0.00	53.03 -2.41 0.00	56.33 -3.33 0.00	62.10 -5.88 0.00	76.90 -8.06 0.00	89.11 -7.99 0.00	93.13 -7.00 0.00	82.72 -3.64 0.00	69.11 -3.45 0.00	59.20 -2.39 0.00	50.80 -2.39 0.00	45.72 -1.03 0.00
INDIAN POINT_GT_1 24139	46.08 1.12 0.00	41.64 1.17 0.00	36.83 1.11 0.00	33.82 1.08 0.00	32.55 1.01 0.00	34.70 1.04 0.00	34.83 1.05 0.00	35.16 1.16 0.00	35.85 1.48 0.00	38.63 1.70 0.00	43.52 2.02 -0.25	48.56 2.21 -0.37	53.24 2.46 -0.64	57.92 2.74 -0.45	62.36 3.11 -0.51	68.77 3.34 0.00	87.67 4.80 -0.09	103.49 6.32 0.00	106.99 5.86 0.00	94.47 4.75 0.00	75.44 2.69 0.00	65.15 2.51 0.00	55.32 2.13 0.00	48.76 2.01 0.00
INDIAN POINT_GT_2 23659	46.08 1.12 0.00	41.64 1.17 0.00	36.83 1.11 0.00	33.82 1.08 0.00	32.55 1.01 0.00	34.70 1.04 0.00	34.83 1.05 0.00	35.16 1.16 0.00	35.85 1.48 0.00	38.63 1.70 0.00	43.52 2.02 -0.25	48.56 2.21 -0.37	53.24 2.46 -0.64	57.92 2.74 -0.45	62.36 3.11 -0.51	68.77 3.34 0.00	87.67 4.80 -0.09	103.49 6.32 0.00	106.99 5.86 0.00	94.47 4.75 0.00	75.44 2.69 0.00	65.15 2.51 0.00	55.32 2.13 0.00	48.76 2.01 0.00
INDIAN POINT_GT_3 24019	46.08 1.12 0.00	41.64 1.17 0.00	36.83 1.11 0.00	33.82 1.08 0.00	32.55 1.01 0.00	34.70 1.04 0.00	34.83 1.05 0.00	35.16 1.16 0.00	35.85 1.48 0.00	38.63 1.70 0.00	43.52 2.02 -0.25	48.56 2.21 -0.37	53.24 2.46 -0.64	57.92 2.74 -0.45	62.36 3.11 -0.51	68.77 3.34 0.00	87.67 4.80 -0.09	103.49 6.32 0.00	106.99 5.86 0.00	94.47 4.75 0.00	75.44 2.69 0.00	65.15 2.51 0.00	55.32 2.13 0.00	48.76 2.01 0.00
INDIAN POINT___2 23530	45.95 0.99 0.00	41.56 1.09 0.00	36.79 1.07 0.00	33.79 1.05 0.00	32.52 0.98 0.00	34.66 1.01 0.00	34.77 0.98 0.00	35.12 1.12 0.00	35.81 1.44 0.00	38.55 1.62 0.00	43.43 1.94 -0.24	48.41 2.07 -0.36	53.07 2.31 -0.62	57.74 2.57 -0.44	62.16 2.94 -0.49	68.58 3.14 0.00	87.50 4.63 -0.09	103.20 6.03 0.00	106.78 5.66 0.00	94.20 4.48 0.00	75.22 2.47 0.00	64.97 2.32 0.00	55.21 2.02 0.00	48.62 1.87 0.00
INDIAN POINT___3 23531	46.04 1.08 0.00	41.56 1.09 0.00	36.79 1.07 0.00	33.79 1.05 0.00	32.55 1.01 0.00	34.66 1.01 0.00	34.80 1.01 0.00	35.12 1.12 0.00	35.81 1.44 0.00	38.56 1.62 0.00	43.44 1.94 -0.25	48.47 2.11 -0.37	53.09 2.31 -0.64	57.76 2.57 -0.45	62.24 3.00 -0.51	68.64 3.21 0.00	87.51 4.64 -0.09	103.20 6.02 0.00	106.68 5.56 0.00	94.20 4.49 0.00	75.29 2.55 0.00	65.03 2.38 0.00	55.21 2.02 0.00	48.67 1.92 0.00
INGHAM_C_115KV_TB7 356103	44.55 -0.40 0.00	40.07 -0.40 0.00	35.36 -0.36 0.00	32.45 -0.29 0.00	31.20 -0.35 0.00	33.28 -0.37 0.00	33.38 -0.41 0.00	33.59 -0.41 0.00	33.96 -0.41 0.00	36.52 -0.41 0.00	40.80 -0.45 0.00	45.43 -0.55 0.00	49.54 -0.60 0.00	54.07 -0.66 0.00	57.97 -0.76 0.00	64.39 -1.05 0.00	81.37 -1.41 0.00	95.72 -1.46 0.00	99.81 -1.31 0.00	88.73 -0.99 0.00	71.87 -0.87 0.00	61.96 -0.69 0.00	52.50 -0.69 0.00	46.10 -0.65 0.00
IP CORINTH___1 23988	46.94 1.98 0.00	42.21 1.74 0.00	37.40 1.68 0.00	34.18 1.44 0.00	33.00 1.45 0.00	35.23 1.58 0.00	35.31 1.52 0.00	35.36 1.36 0.00	35.78 1.41 0.00	38.08 1.14 0.00	41.66 0.62 0.21	46.52 0.87 0.33	50.53 0.95 0.56	55.76 1.42 0.39	59.94 1.64 0.44	67.79 2.36 0.00	86.00 3.31 0.08	101.74 4.57 0.00	106.99 5.86 0.00	94.92 5.20 0.00	76.53 3.78 0.00	65.72 3.07 0.00	55.48 2.29 0.00	48.72 1.96 0.00
IP___TICONDEROGA 23804	49.50 4.54 0.00	44.52 4.05 0.00	39.36 3.64 0.00	35.82 3.08 0.00	34.60 3.06 0.00	36.98 3.33 0.00	37.00 3.21 0.00	36.92 2.92 0.00	37.32 2.96 0.00	39.59 2.66 0.00	43.35 2.31 0.22	48.49 2.85 0.33	52.63 3.06 0.57	58.38 4.05 0.40	62.63 4.35 0.45	71.06 5.63 0.00	90.47 7.78 0.08	107.28 10.11 0.00	113.05 11.93 0.00	100.57 10.86 0.00	81.11 8.37 0.00	69.41 6.77 0.00	58.46 5.27 0.00	51.19 4.44 0.00
ISLIP_RES_REC 323679	46.67 1.71 0.00	43.39 2.92 -0.01	38.15 2.43 0.00	34.71 1.96 0.00	33.34 1.80 0.00	35.64 1.99 0.00	35.31 1.52 0.00	35.87 1.87 0.00	36.95 2.58 0.00	40.03 3.10 0.00	45.47 3.67 -0.54	50.11 3.72 -0.41	54.24 3.46 -0.65	58.59 3.39 -0.46	63.83 4.58 -0.51	70.40 4.97 0.00	92.05 7.12 -2.15	107.21 9.81 -0.22	109.47 9.30 0.95	96.71 7.00 0.00	76.67 3.93 0.00	65.53 2.88 0.00	54.77 3.35 1.77	49.13 2.38 0.00

JAMAICA__27_KV_LOAD 355505	46.85 1.89 0.00	42.25 1.78 0.00	37.33 1.61 0.00	34.18 1.44 0.00	32.90 1.36 0.00	35.10 1.45 0.00	35.34 1.55 0.00	35.77 1.77 0.00	36.67 2.30 0.00	39.59 2.66 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.10 3.31 -0.65	58.80 3.61 -0.46	63.37 4.11 -0.52	69.75 4.32 0.00	89.33 6.46 -0.10	105.44 8.26 0.00	109.60 7.79 -0.69	96.18 6.46 0.00	76.46 3.71 0.00	66.09 3.45 0.00	56.49 3.30 0.00	49.84 3.09 0.00
JANIS__SOLAR 323808	47.12 2.16 0.00	42.37 1.90 0.00	37.22 1.50 0.00	33.96 1.21 0.00	32.58 1.04 0.00	34.86 1.21 0.00	34.97 1.18 0.00	34.95 0.95 0.00	35.12 0.76 0.00	37.63 0.70 0.00	41.96 0.70 0.00	46.76 0.78 0.00	51.09 0.95 0.00	55.88 1.15 0.00	60.03 1.29 0.00	66.94 1.51 0.00	84.52 1.74 0.00	100.00 2.82 0.00	104.96 3.84 0.00	93.85 4.13 0.00	76.38 3.64 0.00	65.65 3.01 0.00	55.48 2.29 0.00	48.57 1.82 0.00
JARVIS____ 23743	44.96 0.00 0.00	40.51 0.04 0.00	35.79 0.07 0.00	32.81 0.07 0.00	31.61 0.06 0.00	33.72 0.07 0.00	33.82 0.03 0.00	34.03 0.03 0.00	34.40 0.03 0.00	36.97 0.04 0.00	41.30 0.04 0.00	46.02 0.05 0.00	50.19 0.05 0.00	54.79 0.05 0.00	58.85 0.12 0.00	65.57 0.13 0.00	82.86 0.08 0.00	97.37 0.19 0.00	101.32 0.20 0.00	89.90 0.18 0.00	72.82 0.07 0.00	62.71 0.06 0.00	53.19 0.00 0.00	46.75 0.00 0.00
JENNISON____1 23625	47.21 2.25 0.00	42.49 2.02 0.00	37.40 1.68 0.00	34.22 1.47 0.00	32.81 1.26 0.00	35.07 1.41 0.00	35.17 1.39 0.00	35.29 1.29 0.00	35.57 1.20 0.00	38.30 1.37 0.00	42.82 1.57 0.00	47.77 1.79 0.00	52.25 2.11 0.00	57.25 2.52 0.00	61.44 2.70 0.00	68.38 2.94 0.00	86.09 3.31 0.00	101.45 4.28 0.00	105.97 4.85 0.00	94.38 4.67 0.00	76.60 3.86 0.00	65.90 3.26 0.00	55.69 2.50 0.00	48.76 2.01 0.00
JENNISON____2 23626	47.21 2.25 0.00	42.49 2.02 0.00	37.40 1.68 0.00	34.22 1.47 0.00	32.81 1.26 0.00	35.07 1.41 0.00	35.17 1.39 0.00	35.29 1.29 0.00	35.57 1.20 0.00	38.30 1.37 0.00	42.82 1.57 0.00	47.77 1.79 0.00	52.25 2.11 0.00	57.25 2.52 0.00	61.44 2.70 0.00	68.38 2.94 0.00	86.09 3.31 0.00	101.45 4.28 0.00	105.97 4.85 0.00	94.38 4.67 0.00	76.60 3.86 0.00	65.90 3.26 0.00	55.69 2.50 0.00	48.76 2.01 0.00
JERICOHO_RISE_WT_PWR 323719	45.23 0.27 0.00	40.31 -0.16 0.00	35.43 -0.29 0.00	32.38 -0.36 0.00	31.20 -0.35 0.00	33.35 -0.30 0.00	33.75 -0.03 0.00	34.10 0.10 0.00	34.54 0.17 0.00	37.15 0.22 0.00	41.51 0.25 0.00	46.07 0.09 0.00	50.24 0.10 0.00	54.62 -0.11 0.00	58.62 -0.12 0.00	65.37 -0.07 0.00	83.02 0.25 0.00	96.69 -0.48 0.00	100.82 -0.30 0.00	89.90 0.18 0.00	74.80 0.88 -1.17	66.47 0.75 -3.07	53.73 0.53 -0.01	46.75 0.00 0.00
KATONAH__115KV_46KV_TB4 355592	46.40 1.44 0.00	41.89 1.42 0.00	37.04 1.32 0.00	33.99 1.24 0.00	32.74 1.20 0.00	34.90 1.25 0.00	35.04 1.25 0.00	35.36 1.36 0.00	36.05 1.68 0.00	38.89 1.96 0.00	43.86 2.35 -0.25	48.98 2.62 -0.38	53.70 2.91 -0.65	58.53 3.34 -0.46	62.96 3.70 -0.52	69.56 4.12 0.00	88.67 5.79 -0.10	104.66 7.48 0.00	108.30 7.18 0.00	95.55 5.83 0.00	76.31 3.56 0.00	65.65 3.01 0.00	55.74 2.55 0.00	49.04 2.29 0.00
KCE_NY_1 323755	46.89 1.93 0.00	42.29 1.82 0.00	37.40 1.68 0.00	34.28 1.54 0.00	33.06 1.51 0.00	35.27 1.62 0.00	35.34 1.55 0.00	35.43 1.43 0.00	35.81 1.44 0.00	38.19 1.26 0.00	42.10 1.07 0.23	46.92 1.29 0.35	50.95 1.40 0.59	56.17 1.86 0.42	60.32 2.05 0.47	68.12 2.68 0.00	86.42 3.73 0.09	102.13 4.95 0.00	106.58 5.46 0.00	94.56 4.84 0.00	76.24 3.49 0.00	65.53 2.88 0.00	55.48 2.29 0.00	48.76 2.01 0.00
KCE_NY_6_ESR 323823	45.00 0.05 0.00	41.12 0.65 0.00	35.68 -0.04 0.00	31.96 -0.79 0.00	30.82 -0.72 0.00	32.84 -0.81 0.00	33.01 -0.78 0.00	32.78 -1.22 0.00	33.13 -1.24 0.00	35.86 -1.07 0.00	40.27 -0.99 0.00	45.24 -0.74 0.00	48.79 -1.35 0.00	53.47 -1.26 0.00	56.80 -1.94 0.00	62.95 -2.49 0.00	78.06 -4.71 0.00	90.67 -6.51 0.00	94.85 -6.27 0.00	84.15 -5.56 0.00	70.20 -2.55 0.00	59.89 -2.76 0.00	51.33 -1.86 0.00	45.96 -0.80 0.00
KEDC_PORT_JEFF_GT2 24210	46.31 1.35 0.00	43.07 2.59 -0.01	37.90 2.18 0.00	34.51 1.77 0.00	33.12 1.58 0.00	35.43 1.78 0.00	35.10 1.32 0.00	35.67 1.67 0.00	36.71 2.34 0.00	39.78 2.84 0.00	45.14 3.34 -0.54	49.65 3.26 -0.40	53.69 2.91 -0.65	57.87 2.68 -0.46	63.07 3.82 -0.51	69.16 3.73 0.00	90.32 5.55 -2.00	105.26 7.87 -0.21	107.44 7.28 0.96	94.91 5.20 0.00	75.29 2.54 0.00	64.71 2.06 0.00	54.03 2.76 1.92	48.71 1.96 0.00
KEDC_PORT_JEFF_GT3 24211	46.31 1.35 0.00	43.07 2.59 -0.01	37.90 2.18 0.00	34.51 1.77 0.00	33.12 1.58 0.00	35.43 1.78 0.00	35.10 1.32 0.00	35.67 1.67 0.00	36.71 2.34 0.00	39.78 2.84 0.00	45.14 3.34 -0.54	49.65 3.26 -0.40	53.69 2.91 -0.65	57.87 2.68 -0.46	63.07 3.82 -0.51	69.16 3.73 0.00	90.32 5.55 -2.00	105.26 7.87 -0.21	107.44 7.28 0.96	94.91 5.20 0.00	75.29 2.54 0.00	64.71 2.06 0.00	54.03 2.76 1.92	48.71 1.96 0.00
KEDC_GLWD_GT4 24219	46.53 1.57 0.00	42.50 2.02 -0.01	37.51 1.79 0.00	34.32 1.57 0.00	33.00 1.45 0.00	35.20 1.55 0.00	35.17 1.39 0.00	35.63 1.63 0.00	36.46 2.10 0.00	39.41 2.47 0.00	44.89 2.97 -0.66	49.70 3.22 -0.50	54.16 3.36 -0.66	58.75 3.56 -0.46	63.14 3.88 -0.52	69.69 4.25 -0.01	97.23 6.04 -8.42	105.85 7.87 -0.81	108.41 7.28 0.00	95.47 5.75 -0.01	76.10 3.35 -0.01	65.40 2.75 0.00	61.31 3.19 -4.93	49.18 2.43 0.00
KEDC_GLWD_GT5 24220	46.53 1.57 0.00	42.50 2.02 -0.01	37.51 1.79 0.00	34.32 1.57 0.00	33.00 1.45 0.00	35.20 1.55 0.00	35.17 1.39 0.00	35.63 1.63 0.00	36.46 2.10 0.00	39.41 2.47 0.00	44.89 2.97 -0.66	49.70 3.22 -0.50	54.16 3.36 -0.66	58.75 3.56 -0.46	63.14 3.88 -0.52	69.69 4.25 -0.01	97.23 6.04 -8.42	105.85 7.87 -0.81	108.41 7.28 0.00	95.47 5.75 -0.01	76.10 3.35 -0.01	65.40 2.75 0.00	61.31 3.19 -4.93	49.18 2.43 0.00
KENSICO____ 23655	46.26 1.30 0.00	41.77 1.30 0.00	36.93 1.21 0.00	33.92 1.18 0.00	32.65 1.10 0.00	34.80 1.14 0.00	34.93 1.15 0.00	35.29 1.29 0.00	35.98 1.62 0.00	38.78 1.85 0.00	43.73 2.23 -0.25	48.79 2.44 -0.38	53.45 2.66 -0.65	58.09 2.90 -0.46	62.54 3.29 -0.52	69.04 3.60 0.00	88.00 5.13 -0.10	103.79 6.61 0.00	107.39 6.27 0.00	94.74 5.02 0.00	75.66 2.91 0.00	65.28 2.63 0.00	55.48 2.29 0.00	48.95 2.20 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	46.53 1.57 0.00	41.97 1.50 0.00	37.08 1.36 0.00	34.02 1.28 0.00	32.71 1.17 0.00	34.90 1.25 0.00	35.04 1.25 0.00	35.33 1.33 0.00	35.85 1.48 0.00	38.63 1.70 0.00	43.39 1.98 -0.15	48.51 2.30 -0.23	53.29 2.76 -0.39	58.24 3.23 -0.28	62.75 3.70 -0.31	69.49 4.06 0.00	88.71 5.88 -0.06	104.73 7.77 0.22	108.43 7.69 0.37	96.18 6.46 0.00	77.11 4.36 0.00	66.34 3.70 0.00	56.17 2.98 0.00	49.23 2.48 0.00

KIAC_JFK_GT1 23816	46.53 1.57 0.00	42.01 1.54 0.00	37.11 1.39 0.00	33.99 1.24 0.00	32.71 1.17 0.00	34.90 1.25 0.00	35.14 1.35 0.00	35.56 1.56 0.00	36.43 2.06 0.00	39.33 2.40 0.00	44.19 2.68 -0.25	48.98 2.62 -0.38	53.65 2.86 -0.65	58.26 3.06 -0.46	62.78 3.52 -0.52	69.10 3.66 0.00	88.50 5.63 -0.10	104.47 7.29 0.00	108.59 6.78 -0.69	95.19 5.47 0.00	75.73 2.98 0.00	65.47 2.82 0.00	55.96 2.77 0.00	49.37 2.62 0.00
KIAC_JFK_GT2 23817	46.53 1.57 0.00	42.01 1.54 0.00	37.11 1.39 0.00	33.99 1.24 0.00	32.71 1.17 0.00	34.90 1.25 0.00	35.14 1.35 0.00	35.56 1.56 0.00	36.43 2.06 0.00	39.33 2.40 0.00	44.19 2.68 -0.25	48.98 2.62 -0.38	53.65 2.86 -0.65	58.26 3.06 -0.46	62.78 3.52 -0.52	69.10 3.66 0.00	88.50 5.63 -0.10	104.47 7.29 0.00	108.59 6.78 -0.69	95.19 5.47 0.00	75.73 2.98 0.00	65.47 2.82 0.00	55.96 2.77 0.00	49.37 2.62 0.00
KIAC_JFK____ 323774	46.49 1.53 0.00	42.01 1.54 0.00	37.11 1.39 0.00	34.02 1.28 0.00	32.71 1.17 0.00	34.90 1.25 0.00	35.07 1.28 0.00	35.57 1.56 0.00	36.43 2.06 0.00	39.33 2.40 0.00	44.19 2.68 -0.25	48.93 2.57 -0.38	53.60 2.81 -0.65	58.26 3.06 -0.46	62.66 3.41 -0.52	69.03 3.60 0.00	88.42 5.55 -0.10	104.47 7.29 0.00	108.59 6.78 -0.69	95.19 5.47 0.00	75.66 2.91 0.00	65.40 2.75 0.00	55.95 2.76 0.00	49.32 2.57 0.00
KINTIGH__24_KV_GSU 356498	44.33 -0.63 0.00	40.47 0.00 0.00	35.15 -0.57 0.00	31.66 -1.08 0.00	30.53 -1.01 0.00	32.51 -1.14 0.00	32.60 -1.18 0.00	32.47 -1.53 0.00	32.82 -1.55 0.00	35.45 -1.48 0.00	39.81 -1.45 0.00	44.69 -1.29 0.00	48.18 -1.96 0.00	52.76 -1.97 0.00	56.09 -2.64 0.00	62.17 -3.27 0.00	77.40 -5.38 0.00	89.79 -7.39 0.00	93.84 -7.28 0.00	83.35 -6.37 0.00	69.33 -3.42 0.00	59.14 -3.51 0.00	50.74 -2.45 0.00	45.35 -1.40 0.00
KINTIGH____ 23543	44.28 -0.67 0.00	40.47 0.00 0.00	35.18 -0.54 0.00	31.73 -1.02 0.00	30.53 -1.01 0.00	32.51 -1.14 0.00	32.74 -1.05 0.00	32.47 -1.53 0.00	32.82 -1.55 0.00	35.45 -1.48 0.00	39.81 -1.44 0.00	44.51 -1.47 0.00	48.08 -2.06 0.00	52.65 -2.08 0.00	55.62 -3.11 0.00	62.43 -3.01 0.00	77.23 -5.55 0.00	89.79 -7.39 0.00	93.84 -7.28 0.00	83.26 -6.46 0.00	69.11 -3.64 0.00	58.89 -3.76 0.00	50.74 -2.45 0.00	45.30 -1.45 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	45.81 0.85 0.00	40.84 0.36 0.00	35.83 0.11 0.00	32.74 0.00 0.00	31.58 0.03 0.00	33.72 0.07 0.00	34.12 0.34 0.00	34.44 0.44 0.00	34.92 0.55 0.00	37.56 0.63 0.00	41.96 0.70 0.00	46.44 0.46 0.00	50.74 0.60 0.00	55.06 0.33 0.00	59.15 0.41 0.00	65.96 0.52 0.00	83.77 0.99 0.00	97.47 0.29 0.00	101.63 0.51 0.00	90.70 0.99 0.00	75.12 1.82 -0.56	65.61 1.50 -1.46	54.36 1.17 0.00	47.22 0.47 0.00
LACHUTE____HYDRO 323717	49.50 4.54 0.00	44.52 4.05 0.00	39.37 3.65 0.00	35.82 3.08 0.00	34.60 3.06 0.00	36.98 3.33 0.00	37.00 3.21 0.00	36.93 2.92 0.00	37.32 2.96 0.00	39.59 2.66 0.00	43.35 2.31 0.22	48.49 2.85 0.33	52.63 3.06 0.57	58.32 3.99 0.40	62.63 4.35 0.45	71.00 5.56 0.00	90.47 7.78 0.08	107.28 10.11 0.00	113.05 11.93 0.00	100.57 10.85 0.00	81.11 8.36 0.00	69.41 6.77 0.00	58.46 5.27 0.00	51.24 4.49 0.00
LAWRNCALV_115KV_TB1 80681	46.13 1.17 0.00	40.92 0.45 0.00	35.97 0.25 0.00	32.94 0.20 0.00	31.70 0.16 0.00	33.85 0.20 0.00	34.43 0.64 0.00	34.61 0.61 0.00	34.99 0.62 0.00	37.56 0.63 0.00	41.92 0.66 0.00	46.62 0.64 0.00	50.94 0.80 0.00	55.28 0.55 0.00	59.32 0.59 0.00	66.16 0.72 0.00	83.85 1.08 0.00	97.08 -0.10 0.00	101.42 0.30 0.00	91.24 1.53 0.00	84.56 2.11 -9.70	89.94 1.88 -25.41	54.75 1.49 -0.07	47.27 0.51 0.00
LEDERLE____ 23769	46.31 1.35 0.00	41.77 1.30 0.00	36.97 1.25 0.00	33.96 1.21 0.00	32.68 1.14 0.00	34.83 1.18 0.00	34.97 1.18 0.00	35.29 1.29 0.00	35.95 1.58 0.00	38.74 1.81 0.00	43.63 2.15 -0.23	48.72 2.39 -0.35	53.45 2.71 -0.61	58.23 3.06 -0.43	62.74 3.52 -0.48	69.23 3.80 0.00	88.25 5.38 -0.09	104.17 7.00 0.00	107.59 6.47 0.00	95.01 5.29 0.00	75.95 3.20 0.00	65.59 2.94 0.00	55.64 2.45 0.00	49.00 2.24 0.00
LIGHTHSE_115KV_TB6 355974	45.36 0.40 0.00	40.75 0.28 0.00	35.86 0.14 0.00	32.78 0.03 0.00	31.48 -0.06 0.00	33.62 -0.03 0.00	33.72 -0.07 0.00	33.86 -0.14 0.00	34.16 -0.21 0.00	36.75 -0.18 0.00	41.05 -0.21 0.00	45.79 -0.18 0.00	50.04 -0.10 0.00	54.62 -0.11 0.00	58.38 -0.35 0.00	65.17 -0.26 0.00	82.11 -0.66 0.00	96.40 -0.78 0.00	100.92 -0.20 0.00	89.99 0.27 0.00	73.98 0.36 -0.86	65.29 0.38 -2.27	53.52 0.32 -0.01	46.80 0.05 0.00
LINDEN COGEN____ 23786	46.17 1.21 0.00	41.73 1.26 0.00	36.90 1.18 0.00	33.86 1.11 0.00	32.55 1.01 0.00	34.70 1.04 0.00	34.83 1.05 0.00	35.26 1.26 0.00	36.09 1.72 0.00	38.92 1.99 0.00	43.94 2.43 -0.25	48.78 2.48 -0.33	50.44 2.71 2.41	51.44 2.90 6.19	54.59 3.23 7.37	63.23 3.40 5.61	77.95 5.13 9.96	93.69 6.70 10.19	91.32 4.84 15.87	79.55 4.84 15.01	57.11 2.54 18.18	53.88 2.51 11.28	51.69 2.34 3.84	49.04 2.29 0.00
LINDHRST_69_KV_BK1 356055	47.03 2.07 0.00	43.30 2.83 0.00	38.11 2.39 0.00	34.68 1.93 0.00	33.37 1.83 0.00	35.67 2.02 0.00	35.58 1.79 0.00	35.97 1.97 0.00	36.98 2.61 0.00	40.03 3.10 0.00	45.43 3.59 -0.58	50.18 3.77 -0.44	54.35 3.56 -0.65	58.75 3.56 -0.46	64.01 4.76 -0.52	70.54 5.10 0.00	94.03 6.95 -4.30	107.01 9.43 -0.41	109.15 8.80 0.76	96.71 7.00 0.00	77.04 4.29 0.00	66.09 3.45 0.00	56.96 3.62 -0.15	50.21 3.46 0.00
LIPA_MISC_IPP 23656	46.40 1.44 0.00	42.90 2.43 0.00	37.68 1.96 0.00	34.28 1.54 0.00	32.96 1.42 0.00	35.23 1.58 0.00	35.10 1.32 0.00	35.50 1.50 0.00	36.53 2.17 0.00	39.59 2.66 0.00	44.93 3.14 -0.54	49.51 3.13 -0.40	53.49 2.71 -0.65	57.77 2.57 -0.46	63.07 3.82 -0.51	69.42 3.99 0.00	90.51 5.79 -1.94	105.63 8.26 -0.20	107.84 7.69 0.97	95.54 5.83 0.01	75.72 2.98 0.00	64.90 2.26 0.00	53.76 2.55 1.98	49.46 2.71 0.00
LISF____SOLAR 323691	46.22 1.26 0.00	42.99 2.51 -0.01	37.79 2.07 0.00	34.41 1.67 0.00	33.03 1.48 0.00	35.30 1.65 0.00	34.97 1.18 0.00	35.53 1.53 0.00	36.57 2.20 0.00	39.63 2.69 0.00	44.97 3.18 -0.54	49.51 3.13 -0.40	53.59 2.81 -0.65	57.87 2.68 -0.46	63.01 3.76 -0.51	69.56 4.12 0.00	90.78 6.04 -1.96	106.02 8.65 -0.20	108.25 8.09 0.97	95.72 6.01 0.01	75.80 3.05 0.00	64.78 2.13 0.00	53.94 2.71 1.96	48.57 1.82 0.00
LITTLE FALLS____HYD 24013	44.55 -0.40 0.00	40.07 -0.40 0.00	35.36 -0.36 0.00	32.45 -0.29 0.00	31.20 -0.35 0.00	33.28 -0.37 0.00	33.38 -0.41 0.00	33.59 -0.41 0.00	33.96 -0.41 0.00	36.52 -0.41 0.00	40.80 -0.45 0.00	45.43 -0.55 0.00	49.54 -0.60 0.00	54.07 -0.66 0.00	57.97 -0.76 0.00	64.39 -1.05 0.00	81.37 -1.41 0.00	95.72 -1.46 0.00	99.81 -1.31 0.00	88.73 -0.99 0.00	71.87 -0.87 0.00	61.96 -0.69 0.00	52.50 -0.69 0.00	46.10 -0.65 0.00

LITTLRIV_115KV_TB1 356100	46.80 1.84 0.00	41.48 1.01 0.00	36.51 0.79 0.00	33.40 0.65 0.00	32.11 0.57 0.00	34.29 0.64 0.00	34.83 1.05 0.00	34.99 0.99 0.00	35.26 0.89 0.00	37.78 0.85 0.00	42.12 0.87 0.00	46.85 0.87 0.00	51.19 1.05 0.00	55.55 0.82 0.00	59.62 0.88 0.00	66.48 1.05 0.00	84.43 1.66 0.00	97.95 0.78 0.00	102.64 1.52 0.00	92.59 2.87 0.00	85.36 3.35 -9.26	89.86 2.94 -24.27	55.55 2.29 -0.07	47.92 1.17 0.00
LI_NEWBRDGE___DRP 323616	46.26 1.30 0.00	42.45 1.98 0.00	37.43 1.71 0.00	34.15 1.41 0.00	32.87 1.32 0.00	35.10 1.45 0.00	35.07 1.28 0.00	35.46 1.46 0.00	36.40 2.03 0.00	39.37 2.44 0.00	44.49 2.72 -0.51	49.21 2.85 -0.38	53.49 2.71 -0.64	57.82 2.63 -0.46	62.95 3.70 -0.51	69.42 3.99 0.01	88.77 5.46 -0.53	104.61 7.39 -0.05	106.59 6.67 1.20	94.91 5.20 0.01	75.72 2.98 0.01	64.90 2.26 0.00	52.70 2.82 3.31	49.23 2.48 0.00
LOCKPORT_115KV_TB60_63_64 80432	44.19 -0.76 0.00	40.47 0.00 0.00	35.08 -0.64 0.00	31.79 -0.95 0.00	30.60 -0.95 0.00	32.61 -1.04 0.00	32.81 -0.98 0.00	32.16 -1.84 0.00	32.44 -1.92 0.00	35.08 -1.85 0.00	39.48 -1.77 0.00	44.14 -1.84 0.00	47.58 -2.56 0.00	52.16 -2.57 0.00	54.98 -3.76 0.00	61.71 -3.73 0.00	75.99 -6.79 0.00	88.14 -9.04 0.00	92.32 -8.80 0.00	82.00 -7.72 0.00	68.38 -4.36 0.00	58.20 -4.45 0.00	50.26 -2.93 0.00	45.44 -1.31 0.00
LOCKPORT___CC1 323769	44.15 -0.81 0.00	40.39 -0.08 0.00	35.25 -0.47 0.00	31.37 -1.37 0.00	30.25 -1.29 0.00	32.21 -1.45 0.00	32.57 -1.21 0.00	32.10 -1.90 0.00	32.41 -1.96 0.00	35.05 -1.88 0.00	39.40 -1.86 0.00	44.23 -1.75 0.00	47.63 -2.51 0.00	52.16 -2.57 0.00	55.39 -3.35 0.00	61.32 -4.12 0.00	75.91 -6.87 0.00	87.94 -9.23 0.00	92.02 -9.10 0.00	81.82 -7.90 0.00	68.38 -4.36 0.00	58.32 -4.32 0.00	50.16 -3.03 0.00	45.44 -1.31 0.00
LOCKPORT___CC2 323770	44.15 -0.81 0.00	40.39 -0.08 0.00	35.25 -0.47 0.00	31.37 -1.37 0.00	30.25 -1.29 0.00	32.21 -1.45 0.00	32.57 -1.21 0.00	32.10 -1.90 0.00	32.41 -1.96 0.00	35.05 -1.88 0.00	39.40 -1.86 0.00	44.23 -1.75 0.00	47.63 -2.51 0.00	52.16 -2.57 0.00	55.39 -3.35 0.00	61.32 -4.12 0.00	75.91 -6.87 0.00	87.94 -9.23 0.00	92.02 -9.10 0.00	81.82 -7.90 0.00	68.38 -4.36 0.00	58.32 -4.32 0.00	50.16 -3.03 0.00	45.44 -1.31 0.00
LOCKPORT___CC3 323771	44.15 -0.81 0.00	40.39 -0.08 0.00	35.25 -0.47 0.00	31.37 -1.37 0.00	30.25 -1.29 0.00	32.21 -1.45 0.00	32.57 -1.21 0.00	32.10 -1.90 0.00	32.41 -1.96 0.00	35.05 -1.88 0.00	39.40 -1.86 0.00	44.23 -1.75 0.00	47.63 -2.51 0.00	52.16 -2.57 0.00	55.39 -3.35 0.00	61.32 -4.12 0.00	75.91 -6.87 0.00	87.94 -9.23 0.00	92.02 -9.10 0.00	81.82 -7.90 0.00	68.38 -4.36 0.00	58.32 -4.32 0.00	50.16 -3.03 0.00	45.44 -1.31 0.00
LOCUSVLY_69_KV_BK2 55797	46.71 1.75 0.00	42.74 2.27 0.00	37.68 1.96 0.00	34.41 1.67 0.00	33.12 1.58 0.00	35.34 1.68 0.00	35.34 1.55 0.00	35.73 1.73 0.00	36.64 2.27 0.00	39.66 2.73 0.00	45.11 3.22 -0.63	49.86 3.40 -0.48	54.26 3.46 -0.66	58.80 3.61 -0.46	63.72 4.46 -0.52	70.35 4.91 -0.01	96.41 6.70 -6.93	106.59 8.75 -0.66	108.95 8.19 0.36	96.27 6.55 0.00	76.68 3.93 -0.01	65.84 3.19 0.00	59.84 3.35 -3.30	49.74 2.99 0.00
LONG_LAKE_PHOENIX 24014	44.33 -0.63 0.00	39.99 -0.49 0.00	35.18 -0.54 0.00	32.15 -0.59 0.00	30.94 -0.60 0.00	33.05 -0.61 0.00	33.11 -0.68 0.00	33.25 -0.75 0.00	33.65 -0.72 0.00	36.19 -0.74 0.00	40.47 -0.78 0.00	45.15 -0.83 0.00	49.34 -0.80 0.00	53.86 -0.88 0.00	57.62 -1.12 0.00	64.26 -1.18 0.00	81.04 -1.74 0.00	95.14 -2.04 0.00	99.20 -1.92 0.00	88.10 -1.61 0.00	71.51 -1.24 0.00	61.52 -1.13 0.00	52.34 -0.85 0.00	46.00 -0.75 0.00
LOVETT___3 23632	45.99 1.03 0.00	41.52 1.05 0.00	36.76 1.04 0.00	33.76 1.02 0.00	32.52 0.98 0.00	34.63 0.98 0.00	34.77 0.98 0.00	35.12 1.12 0.00	35.78 1.41 0.00	38.52 1.59 0.00	43.39 1.90 -0.24	48.41 2.07 -0.36	53.06 2.31 -0.62	57.74 2.57 -0.44	62.16 2.94 -0.49	68.58 3.14 0.00	87.42 4.55 -0.09	103.11 5.93 0.00	106.58 5.46 0.00	94.11 4.40 0.00	75.22 2.47 0.00	64.96 2.32 0.00	55.16 1.97 0.00	48.62 1.87 0.00
LOVETT___4 23642	45.99 1.03 0.00	41.52 1.05 0.00	36.76 1.04 0.00	33.76 1.02 0.00	32.52 0.98 0.00	34.63 0.98 0.00	34.77 0.98 0.00	35.12 1.12 0.00	35.78 1.41 0.00	38.52 1.59 0.00	43.39 1.90 -0.24	48.41 2.07 -0.36	53.06 2.31 -0.62	57.74 2.57 -0.44	62.16 2.94 -0.49	68.58 3.14 0.00	87.42 4.55 -0.09	103.11 5.93 0.00	106.58 5.46 0.00	94.11 4.40 0.00	75.22 2.47 0.00	64.96 2.32 0.00	55.16 1.97 0.00	48.62 1.87 0.00
LOVETT___5 23593	45.99 1.03 0.00	41.52 1.05 0.00	36.76 1.04 0.00	33.76 1.02 0.00	32.52 0.98 0.00	34.63 0.98 0.00	34.77 0.98 0.00	35.12 1.12 0.00	35.78 1.41 0.00	38.52 1.59 0.00	43.39 1.90 -0.24	48.41 2.07 -0.36	53.06 2.31 -0.62	57.74 2.57 -0.44	62.16 2.94 -0.49	68.58 3.14 0.00	87.42 4.55 -0.09	103.11 5.93 0.00	106.58 5.46 0.00	94.11 4.40 0.00	75.22 2.47 0.00	64.96 2.32 0.00	55.16 1.97 0.00	48.62 1.87 0.00
LOWER RAQUET___HYD 24057	46.17 1.21 0.00	40.92 0.45 0.00	36.00 0.28 0.00	32.94 0.20 0.00	31.70 0.16 0.00	33.86 0.20 0.00	34.39 0.61 0.00	34.61 0.61 0.00	34.95 0.58 0.00	37.52 0.59 0.00	41.88 0.62 0.00	46.57 0.60 0.00	50.89 0.75 0.00	55.22 0.49 0.00	59.26 0.53 0.00	66.16 0.72 0.00	83.85 1.07 0.00	97.18 0.00 0.00	101.53 0.41 0.00	91.33 1.62 0.00	83.78 2.18 -8.85	87.78 1.94 -23.19	54.80 1.54 -0.07	47.27 0.52 0.00
LOWER___HUDSON 24059	46.13 1.17 0.00	41.60 1.13 0.00	36.86 1.14 0.00	33.86 1.11 0.00	32.65 1.10 0.00	34.76 1.11 0.00	34.87 1.08 0.00	35.06 1.06 0.00	35.47 1.10 0.00	37.89 0.96 0.00	41.83 0.87 0.30	46.50 0.97 0.45	50.37 1.00 0.77	55.45 1.26 0.54	59.54 1.41 0.61	67.20 1.77 0.00	85.23 2.57 0.11	100.58 3.40 0.00	104.66 3.54 0.00	92.67 2.96 0.00	74.71 1.96 0.00	64.27 1.63 0.00	54.52 1.33 0.00	48.02 1.26 0.00
LOWVILLE_115KV_TB2 356335	46.67 1.71 0.00	41.64 1.17 0.00	36.65 0.93 0.00	33.50 0.75 0.00	32.08 0.54 0.00	34.26 0.61 0.00	34.50 0.71 0.00	34.68 0.68 0.00	34.99 0.62 0.00	37.63 0.70 0.00	42.00 0.74 0.00	46.67 0.69 0.00	51.09 0.95 0.00	55.77 1.04 0.00	59.79 1.06 0.00	67.20 1.77 0.00	84.51 1.74 0.00	99.32 2.14 0.00	104.05 2.93 0.00	93.22 3.50 0.00	78.15 2.91 -2.50	71.63 2.44 -6.54	54.75 1.54 -0.02	47.64 0.89 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.89 1.93 0.00	42.25 1.78 0.00	37.40 1.68 0.00	34.25 1.51 0.00	33.03 1.48 0.00	35.23 1.58 0.00	35.31 1.52 0.00	35.43 1.43 0.00	35.78 1.41 0.00	38.15 1.22 0.00	42.10 1.07 0.23	46.92 1.29 0.35	50.90 1.35 0.59	56.12 1.81 0.42	60.32 2.06 0.47	68.05 2.62 0.00	86.33 3.64 0.09	102.04 4.86 0.00	106.48 5.36 0.00	94.47 4.75 0.00	76.17 3.42 0.00	65.47 2.82 0.00	55.42 2.23 0.00	48.72 1.96 0.00

LUTHERNY_35_KV_BK2 355980	46.94 1.98 0.00	42.29 1.82 0.00	37.40 1.68 0.00	34.28 1.54 0.00	33.06 1.51 0.00	35.27 1.62 0.00	35.34 1.55 0.00	35.43 1.43 0.00	35.81 1.44 0.00	38.19 1.26 0.00	42.10 1.07 0.23	46.92 1.29 0.35	50.95 1.40 0.59	56.17 1.86 0.42	60.38 2.11 0.47	68.12 2.68 0.00	86.41 3.72 0.09	102.13 4.96 0.00	106.58 5.46 0.00	94.56 4.84 0.00	76.24 3.49 0.00	65.53 2.88 0.00	55.48 2.29 0.00	48.76 2.01 0.00
LWR___OSWEGATCHIE_HYD 23850	46.49 1.53 0.00	41.36 0.89 0.00	36.36 0.64 0.00	33.24 0.49 0.00	31.92 0.38 0.00	34.09 0.44 0.00	34.46 0.68 0.00	34.65 0.65 0.00	34.99 0.62 0.00	37.56 0.63 0.00	41.92 0.66 0.00	46.62 0.64 0.00	50.99 0.85 0.00	55.50 0.77 0.00	59.50 0.76 0.00	66.61 1.18 0.00	84.18 1.41 0.00	98.25 1.07 0.00	102.94 1.82 0.00	92.50 2.78 0.00	81.50 2.76 -5.99	80.66 2.32 -15.69	54.94 1.70 -0.05	47.55 0.79 0.00
LYONS_FALL_HYD 23570	46.44 1.48 0.00	41.56 1.09 0.00	36.61 0.89 0.00	33.50 0.75 0.00	32.11 0.57 0.00	34.29 0.64 0.00	34.46 0.68 0.00	34.68 0.68 0.00	34.99 0.62 0.00	37.63 0.70 0.00	42.04 0.78 0.00	46.81 0.83 0.00	51.19 1.05 0.00	55.93 1.20 0.00	60.03 1.29 0.00	67.20 1.77 0.00	84.59 1.82 0.00	99.41 2.24 0.00	104.05 2.93 0.00	92.94 3.23 0.00	77.01 2.62 -1.65	69.15 2.19 -4.32	54.64 1.44 -0.01	47.69 0.93 0.00
MADISON___COUNTY_LFGE 323628	46.26 1.30 0.00	41.56 1.09 0.00	36.61 0.89 0.00	33.50 0.75 0.00	32.18 0.63 0.00	34.33 0.67 0.00	34.43 0.64 0.00	34.58 0.58 0.00	34.92 0.55 0.00	37.56 0.63 0.00	42.00 0.74 0.00	46.85 0.87 0.00	51.24 1.10 0.00	56.04 1.31 0.00	60.15 1.41 0.00	67.07 1.64 0.00	84.60 1.82 0.00	99.51 2.33 0.00	103.95 2.83 0.00	92.59 2.87 0.00	75.49 2.26 -0.49	65.81 1.88 -1.29	54.58 1.38 0.00	47.83 1.08 0.00
MALONE___115KV_TB1 356076	46.04 1.08 0.00	41.00 0.53 0.00	35.97 0.25 0.00	32.91 0.16 0.00	31.70 0.16 0.00	33.89 0.24 0.00	34.33 0.54 0.00	34.65 0.65 0.00	35.09 0.72 0.00	37.74 0.81 0.00	42.16 0.91 0.00	46.81 0.83 0.00	51.14 1.00 0.00	55.50 0.77 0.00	59.56 0.82 0.00	66.42 0.98 0.00	84.35 1.57 0.00	97.95 0.78 0.00	102.23 1.11 0.00	91.42 1.70 0.00	78.32 2.47 -3.10	72.90 2.13 -8.12	54.86 1.65 -0.02	47.55 0.79 0.00
MAPLEWOD_115KV_TB3 80458	45.81 0.85 0.00	41.32 0.85 0.00	36.58 0.86 0.00	33.63 0.88 0.00	32.46 0.91 0.00	34.56 0.91 0.00	34.63 0.84 0.00	34.82 0.82 0.00	35.23 0.86 0.00	37.67 0.74 0.00	41.69 0.66 0.23	46.37 0.74 0.34	50.30 0.75 0.59	55.09 0.77 0.40	59.23 0.94 0.45	66.61 1.18 0.00	84.43 1.74 0.08	99.61 2.43 0.00	103.55 2.43 0.00	91.69 1.97 0.00	73.84 1.09 0.00	63.65 1.00 0.00	53.93 0.74 0.00	47.50 0.75 0.00
MAPLE_RIDGE_WT_1 323574	44.78 -0.18 0.00	40.19 -0.28 0.00	35.40 -0.32 0.00	32.42 -0.33 0.00	31.20 -0.35 0.00	33.28 -0.37 0.00	33.48 -0.30 0.00	33.76 -0.24 0.00	34.20 -0.17 0.00	36.82 -0.11 0.00	41.17 -0.08 0.00	45.84 -0.14 0.00	49.94 -0.20 0.00	54.35 -0.38 0.00	58.33 -0.41 0.00	64.91 -0.53 0.00	82.03 -0.75 0.00	96.11 -1.07 0.00	100.01 -1.11 0.00	88.91 -0.81 0.00	71.84 -0.58 0.32	61.30 -0.50 0.84	52.71 -0.48 0.00	46.24 -0.51 0.00
MAPLE_RIDGE_WT_2 323611	44.78 -0.18 0.00	40.19 -0.28 0.00	35.40 -0.32 0.00	32.42 -0.33 0.00	31.20 -0.35 0.00	33.28 -0.37 0.00	33.48 -0.30 0.00	33.76 -0.24 0.00	34.20 -0.17 0.00	36.82 -0.11 0.00	41.17 -0.08 0.00	45.84 -0.14 0.00	49.94 -0.20 0.00	54.35 -0.38 0.00	58.33 -0.41 0.00	64.91 -0.53 0.00	82.03 -0.75 0.00	96.11 -1.07 0.00	100.01 -1.11 0.00	88.91 -0.81 0.00	71.84 -0.58 0.32	61.30 -0.50 0.84	52.71 -0.48 0.00	46.24 -0.51 0.00
MARBLE_RIVER_WT_PWR 323696	45.28 0.32 0.00	40.35 -0.12 0.00	35.43 -0.29 0.00	32.42 -0.33 0.00	31.23 -0.32 0.00	33.35 -0.30 0.00	33.75 -0.03 0.00	34.10 0.10 0.00	34.54 0.17 0.00	37.15 0.22 0.00	41.55 0.29 0.00	46.07 0.09 0.00	50.24 0.10 0.00	54.62 -0.11 0.00	58.62 -0.12 0.00	65.44 0.00 0.00	83.02 0.25 0.00	96.69 -0.48 0.00	100.82 -0.30 0.00	89.90 0.18 0.00	73.97 0.88 -0.35	64.24 0.69 -0.91	53.72 0.53 0.00	46.75 0.00 0.00
MARSHVLE_115KV_TB1 80742	48.65 3.69 0.00	43.75 3.28 0.00	38.61 2.89 0.00	35.30 2.55 0.00	34.00 2.46 0.00	36.34 2.69 0.00	36.32 2.53 0.00	36.07 2.07 0.00	35.91 1.55 0.00	38.08 1.14 0.00	42.07 0.95 0.13	46.93 1.15 0.20	51.20 1.40 0.34	56.57 2.08 0.24	60.99 2.53 0.27	68.97 3.53 0.00	87.94 5.21 0.05	104.76 7.58 0.00	110.22 9.10 0.00	98.42 8.70 0.00	79.58 6.84 0.00	68.28 5.64 0.00	57.71 4.52 0.00	50.54 3.79 0.00
MARSH_HILL_WT_PWR 323713	45.95 0.99 0.00	41.65 1.17 0.00	36.22 0.50 0.00	32.65 -0.10 0.00	31.39 -0.16 0.00	33.52 -0.13 0.00	33.62 -0.17 0.00	33.39 -0.61 0.00	33.58 -0.79 0.00	36.19 -0.74 0.00	40.52 -0.74 0.00	45.33 -0.64 0.00	49.24 -0.90 0.00	53.91 -0.82 0.00	57.33 -1.41 0.00	63.73 -1.70 0.00	79.63 -3.15 0.00	93.29 -3.89 0.00	97.88 -3.24 0.00	87.48 -2.24 0.00	72.38 -0.36 0.00	61.90 -0.75 0.00	52.66 -0.53 0.00	46.80 0.05 0.00
MCINTYRE_115KV_TB2 80467	47.07 2.11 0.00	41.77 1.30 0.00	36.72 1.00 0.00	33.60 0.85 0.00	32.30 0.76 0.00	34.49 0.84 0.00	35.00 1.22 0.00	35.12 1.12 0.00	35.36 1.00 0.00	37.85 0.92 0.00	42.16 0.91 0.00	46.90 0.92 0.00	51.24 1.10 0.00	55.55 0.82 0.00	59.62 0.88 0.00	66.55 1.11 0.00	84.60 1.82 0.00	98.15 0.97 0.00	102.94 1.82 0.00	93.04 3.32 0.00	86.45 3.78 -9.92	91.97 3.32 -26.00	55.87 2.61 -0.08	48.20 1.45 0.00
MECO_____69_KV_BK1 80468	48.83 3.87 0.00	43.95 3.48 0.00	38.79 3.07 0.00	35.40 2.65 0.00	34.16 2.62 0.00	36.48 2.83 0.00	36.52 2.74 0.00	36.31 2.31 0.00	36.22 1.86 0.00	38.30 1.37 0.00	42.14 1.03 0.15	46.86 1.10 0.22	51.01 1.25 0.38	56.49 2.03 0.27	60.90 2.47 0.30	69.04 3.60 0.00	88.18 5.46 0.06	105.34 8.16 0.00	110.93 9.81 0.00	99.05 9.33 0.00	79.95 7.20 0.00	68.54 5.89 0.00	57.87 4.68 0.00	50.73 3.97 0.00
MENANDS___115KV_TB5 355628	45.59 0.63 0.00	41.12 0.65 0.00	36.40 0.68 0.00	33.50 0.75 0.00	32.33 0.79 0.00	34.39 0.74 0.00	34.50 0.71 0.00	34.68 0.68 0.00	35.09 0.72 0.00	37.56 0.63 0.00	41.56 0.54 0.23	46.23 0.60 0.35	50.09 0.55 0.60	54.77 0.44 0.40	58.87 0.59 0.45	66.09 0.65 0.00	83.77 1.08 0.08	98.83 1.65 0.00	102.64 1.52 0.00	90.79 1.08 0.00	73.18 0.44 0.00	63.09 0.44 0.00	53.51 0.32 0.00	47.17 0.42 0.00
MG INDUSTRY___DRP 24185	45.50 0.54 0.00	41.04 0.57 0.00	36.33 0.61 0.00	33.43 0.69 0.00	32.24 0.69 0.00	34.36 0.71 0.00	34.39 0.61 0.00	34.54 0.54 0.00	34.78 0.41 0.00	37.19 0.26 0.00	41.30 0.17 0.12	45.93 0.14 0.18	49.63 -0.20 0.31	53.47 -1.04 0.22	57.55 -0.94 0.25	64.39 -1.05 0.00	81.65 -1.08 0.05	94.86 -0.87 1.45	97.73 -0.91 2.48	88.73 -0.99 0.00	71.73 -1.02 0.00	61.83 -0.81 0.00	52.45 -0.74 0.00	47.08 0.33 0.00

MID___OSWEGATCHIE_HYD 23849	46.49 1.53 0.00	41.36 0.89 0.00	36.36 0.64 0.00	33.24 0.49 0.00	31.92 0.38 0.00	34.09 0.44 0.00	34.46 0.68 0.00	34.65 0.65 0.00	34.99 0.62 0.00	37.56 0.63 0.00	41.92 0.66 0.00	46.62 0.64 0.00	50.99 0.85 0.00	55.50 0.77 0.00	59.50 0.76 0.00	66.61 1.18 0.00	84.18 1.41 0.00	98.25 1.07 0.00	102.94 1.82 0.00	92.50 2.78 0.00	81.50 2.76 -5.99	80.66 2.32 -15.69	54.94 1.70 -0.05	47.55 0.79 0.00
MID___RAQUETTE_HYD 23851	46.17 1.21 0.00	40.92 0.45 0.00	36.01 0.29 0.00	32.94 0.20 0.00	31.70 0.16 0.00	33.85 0.20 0.00	34.39 0.61 0.00	34.61 0.61 0.00	34.95 0.58 0.00	37.52 0.59 0.00	41.88 0.62 0.00	46.58 0.60 0.00	50.89 0.75 0.00	55.22 0.49 0.00	59.27 0.53 0.00	66.16 0.72 0.00	83.85 1.08 0.00	97.18 0.00 0.00	101.52 0.40 0.00	91.33 1.61 0.00	83.78 2.18 -8.85	87.78 1.94 -23.19	54.80 1.54 -0.07	47.27 0.51 0.00
MILLIKEN___1 23584	45.81 0.85 0.00	41.28 0.81 0.00	36.29 0.57 0.00	33.10 0.36 0.00	31.86 0.32 0.00	34.02 0.37 0.00	34.12 0.34 0.00	34.24 0.24 0.00	34.54 0.17 0.00	37.12 0.18 0.00	41.46 0.21 0.00	46.25 0.28 0.00	50.54 0.40 0.00	55.22 0.49 0.00	59.21 0.47 0.00	66.03 0.59 0.00	83.27 0.50 0.00	97.95 0.78 0.00	102.33 1.21 0.00	91.06 1.35 0.00	74.13 1.38 0.00	63.71 1.06 0.00	53.99 0.80 0.00	47.41 0.65 0.00
MILLIKEN___2 23585	45.81 0.85 0.00	41.28 0.81 0.00	36.29 0.57 0.00	33.10 0.36 0.00	31.86 0.32 0.00	34.02 0.37 0.00	34.12 0.34 0.00	34.24 0.24 0.00	34.54 0.17 0.00	37.12 0.18 0.00	41.46 0.21 0.00	46.25 0.28 0.00	50.54 0.40 0.00	55.22 0.49 0.00	59.21 0.47 0.00	66.03 0.59 0.00	83.27 0.50 0.00	97.95 0.78 0.00	102.33 1.21 0.00	91.06 1.35 0.00	74.13 1.38 0.00	63.71 1.06 0.00	53.99 0.80 0.00	47.41 0.65 0.00
MILLIKEN___DIESEL 23629	45.81 0.85 0.00	41.28 0.81 0.00	36.29 0.57 0.00	33.10 0.36 0.00	31.86 0.32 0.00	34.02 0.37 0.00	34.12 0.34 0.00	34.24 0.24 0.00	34.54 0.17 0.00	37.12 0.18 0.00	41.46 0.21 0.00	46.25 0.28 0.00	50.54 0.40 0.00	55.22 0.49 0.00	59.21 0.47 0.00	66.03 0.59 0.00	83.27 0.50 0.00	97.95 0.78 0.00	102.33 1.21 0.00	91.06 1.35 0.00	74.13 1.38 0.00	63.71 1.06 0.00	53.99 0.80 0.00	47.41 0.65 0.00
MILLSEAT___LFGE 323607	45.14 0.18 0.00	41.16 0.69 0.00	35.97 0.25 0.00	31.99 -0.75 0.00	30.85 -0.69 0.00	32.91 -0.74 0.00	33.21 -0.57 0.00	32.81 -1.19 0.00	33.10 -1.27 0.00	35.79 -1.15 0.00	40.18 -1.07 0.00	45.15 -0.83 0.00	48.74 -1.40 0.00	53.42 -1.31 0.00	56.74 -2.00 0.00	62.82 -2.62 0.00	78.14 -4.63 0.00	90.67 -6.51 0.00	95.06 -6.06 0.00	84.42 -5.29 0.00	70.49 -2.26 0.00	60.14 -2.51 0.00	51.54 -1.65 0.00	46.33 -0.42 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.13 1.17 0.00	41.68 1.21 0.00	36.86 1.14 0.00	33.86 1.11 0.00	32.59 1.04 0.00	34.73 1.08 0.00	34.87 1.08 0.00	35.22 1.22 0.00	35.88 1.51 0.00	38.67 1.74 0.00	43.57 2.06 -0.25	48.61 2.25 -0.38	53.29 2.51 -0.65	57.93 2.74 -0.46	62.42 3.17 -0.51	68.84 3.40 0.00	87.75 4.88 -0.10	103.49 6.32 0.00	107.09 5.97 0.00	94.47 4.75 0.00	75.51 2.76 0.00	65.15 2.51 0.00	55.37 2.18 0.00	48.81 2.06 0.00
MILLWOOD_13_KV_LOAD 356217	46.26 1.30 0.00	41.77 1.30 0.00	36.97 1.25 0.00	33.92 1.18 0.00	32.68 1.14 0.00	34.80 1.14 0.00	34.97 1.18 0.00	35.29 1.29 0.00	35.98 1.62 0.00	38.78 1.85 0.00	43.69 2.19 -0.25	48.75 2.39 -0.38	53.44 2.66 -0.65	58.20 3.01 -0.46	62.66 3.41 -0.51	69.10 3.66 0.00	88.17 5.30 -0.10	103.98 6.80 0.00	107.59 6.47 0.00	95.01 5.29 0.00	75.80 3.06 0.00	65.40 2.76 0.00	55.53 2.34 0.00	48.95 2.20 0.00
MODEL_CITY_ENERGY 24167	43.84 -1.12 0.00	40.11 -0.36 0.00	35.22 -0.50 0.00	31.17 -1.57 0.00	30.06 -1.48 0.00	32.00 -1.65 0.00	32.50 -1.28 0.00	31.89 -2.11 0.00	32.20 -2.16 0.00	34.83 -2.10 0.00	39.15 -2.10 0.00	43.96 -2.02 0.00	47.28 -2.86 0.00	51.77 -2.96 0.00	54.98 -3.76 0.00	60.85 -4.58 0.00	75.41 -7.37 0.00	87.37 -9.81 0.00	91.41 -9.71 0.00	81.19 -8.53 0.00	67.87 -4.87 0.00	57.82 -4.82 0.00	49.78 -3.41 0.00	45.11 -1.64 0.00
MODERN_LFGE___ 323580	43.84 -1.12 0.00	40.11 -0.36 0.00	35.22 -0.50 0.00	31.17 -1.57 0.00	30.06 -1.48 0.00	32.00 -1.65 0.00	32.50 -1.28 0.00	31.89 -2.11 0.00	32.20 -2.16 0.00	34.83 -2.10 0.00	39.15 -2.10 0.00	43.96 -2.02 0.00	47.28 -2.86 0.00	51.77 -2.96 0.00	54.98 -3.76 0.00	60.85 -4.58 0.00	75.41 -7.37 0.00	87.37 -9.81 0.00	91.41 -9.71 0.00	81.19 -8.53 0.00	67.87 -4.87 0.00	57.82 -4.82 0.00	49.78 -3.41 0.00	45.11 -1.64 0.00
MOHAWK_PAPER___DRP 24187	45.81 0.85 0.00	41.32 0.85 0.00	36.58 0.86 0.00	33.63 0.88 0.00	32.46 0.91 0.00	34.56 0.91 0.00	34.63 0.84 0.00	34.82 0.82 0.00	35.23 0.86 0.00	37.67 0.74 0.00	41.69 0.66 0.23	46.37 0.74 0.34	50.30 0.75 0.59	55.09 0.77 0.40	59.23 0.94 0.45	66.61 1.18 0.00	84.43 1.74 0.08	99.61 2.43 0.00	103.55 2.43 0.00	91.69 1.97 0.00	73.84 1.09 0.00	63.65 1.00 0.00	53.93 0.74 0.00	47.50 0.75 0.00
MOHICAN___35_KV_115KV_LD 80490	47.30 2.34 0.00	42.58 2.10 0.00	37.68 1.96 0.00	34.45 1.70 0.00	33.25 1.70 0.00	35.50 1.85 0.00	35.54 1.76 0.00	35.63 1.63 0.00	36.02 1.65 0.00	38.30 1.37 0.00	41.98 0.95 0.22	46.88 1.24 0.34	50.86 1.30 0.58	56.18 1.86 0.41	60.39 2.11 0.46	68.32 2.88 0.00	86.75 4.06 0.09	102.62 5.44 0.00	107.79 6.67 0.00	95.64 5.92 0.00	77.11 4.36 0.00	66.15 3.51 0.00	55.90 2.71 0.00	49.04 2.29 0.00
MONGAUP___HYD 23641	46.35 1.40 0.00	41.80 1.33 0.00	36.97 1.25 0.00	33.92 1.18 0.00	32.62 1.07 0.00	34.80 1.14 0.00	34.90 1.11 0.00	35.12 1.12 0.00	35.57 1.20 0.00	38.19 1.26 0.00	42.91 1.44 -0.21	47.58 1.29 -0.32	52.24 1.56 -0.54	56.92 1.80 -0.38	61.28 2.11 -0.43	68.31 2.88 0.00	87.16 4.30 -0.08	103.30 6.13 0.00	107.49 6.37 0.00	95.19 5.47 0.00	76.45 3.71 0.00	65.84 3.19 0.00	55.74 2.55 0.00	48.90 2.15 0.00
MONTAUK___DIESEL 23721	48.51 3.55 0.00	44.72 4.25 0.00	39.22 3.50 0.00	35.53 2.78 0.00	34.13 2.59 0.00	36.51 2.86 0.00	36.15 2.37 0.00	36.48 2.48 0.00	37.70 3.33 0.00	40.99 4.06 0.00	46.71 4.91 -0.54	51.53 5.15 -0.40	55.55 4.76 -0.65	59.84 4.65 -0.46	65.30 6.05 -0.51	71.65 6.22 0.00	93.58 8.86 -1.94	109.42 12.05 -0.20	111.48 11.33 0.97	98.32 8.61 0.01	77.40 4.66 0.00	66.03 3.38 0.00	54.46 3.24 1.98	50.49 3.74 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	45.95 0.99 0.00	41.64 1.17 0.00	36.01 0.29 0.00	32.42 -0.33 0.00	31.39 -0.16 0.00	33.48 -0.17 0.00	33.55 -0.24 0.00	33.22 -0.78 0.00	33.71 -0.65 0.00	36.56 -0.37 0.00	41.17 -0.08 0.00	46.12 0.14 0.00	49.79 -0.35 0.00	54.68 -0.05 0.00	57.62 -1.12 0.00	64.91 -0.52 0.00	79.96 -2.81 0.00	93.39 -3.79 0.00	97.58 -3.54 0.00	86.13 -3.59 0.00	71.73 -1.02 0.00	61.27 -1.38 0.00	52.55 -0.64 0.00	46.80 0.05 0.00

MORRIS_RIDGE___SOLAR 323848	45.14 0.18 0.00	41.04 0.57 0.00	35.72 0.00 0.00	32.19 -0.56 0.00	31.01 -0.54 0.00	33.05 -0.60 0.00	33.18 -0.61 0.00	32.91 -1.09 0.00	33.06 -1.31 0.00	35.64 -1.29 0.00	39.93 -1.32 0.00	44.69 -1.29 0.00	48.43 -1.70 0.00	53.09 -1.64 0.00	56.50 -2.23 0.00	62.75 -2.69 0.00	78.22 -4.55 0.00	91.54 -5.64 0.00	95.97 -5.15 0.00	85.68 -4.04 0.00	71.00 -1.75 0.00	60.70 -1.94 0.00	51.81 -1.38 0.00	46.19 -0.56 0.00
MORTIMER_115KV_TB3 55949	45.00 0.04 0.00	40.84 0.36 0.00	35.65 -0.07 0.00	32.22 -0.52 0.00	31.01 -0.54 0.00	33.11 -0.54 0.00	33.25 -0.54 0.00	33.22 -0.78 0.00	33.58 -0.79 0.00	36.27 -0.66 0.00	40.72 -0.54 0.00	45.56 -0.41 0.00	49.49 -0.65 0.00	54.13 -0.60 0.00	57.39 -1.35 0.00	64.19 -1.24 0.00	80.13 -2.65 0.00	93.29 -3.89 0.00	97.58 -3.54 0.00	86.49 -3.23 0.00	71.36 -1.38 0.00	60.96 -1.69 0.00	52.18 -1.01 0.00	46.19 -0.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.49 1.53 0.00	41.97 1.50 0.00	37.11 1.39 0.00	34.02 1.28 0.00	32.77 1.23 0.00	34.93 1.28 0.00	35.10 1.32 0.00	35.46 1.46 0.00	36.22 1.86 0.00	39.07 2.14 0.00	44.06 2.56 -0.25	49.12 2.76 -0.38	53.80 3.01 -0.65	58.42 3.23 -0.46	62.90 3.64 -0.52	69.23 3.80 0.00	88.42 5.55 -0.10	104.27 7.09 0.00	107.79 6.67 0.00	95.10 5.38 0.00	75.80 3.06 0.00	65.59 2.94 0.00	55.80 2.61 0.00	49.28 2.52 0.00
MUNSVILLE_WIND_PWR 323609	48.60 3.64 0.00	43.67 3.20 0.00	38.40 2.68 0.00	35.10 2.36 0.00	33.56 2.02 0.00	35.91 2.25 0.00	36.08 2.30 0.00	36.14 2.14 0.00	36.36 1.99 0.00	39.11 2.18 0.00	43.65 2.39 0.00	48.69 2.71 0.00	53.35 3.21 0.00	58.40 3.67 0.00	62.91 4.17 0.00	69.82 4.38 0.00	87.74 4.97 0.00	103.59 6.41 0.00	108.91 7.79 0.00	97.34 7.62 0.00	79.00 6.26 0.00	67.97 5.32 0.00	57.23 4.04 0.00	49.93 3.18 0.00
N SALMON___HYD 24042	46.04 1.08 0.00	41.00 0.52 0.00	35.97 0.25 0.00	32.91 0.16 0.00	31.70 0.16 0.00	33.89 0.24 0.00	34.32 0.54 0.00	34.65 0.64 0.00	35.09 0.72 0.00	37.74 0.81 0.00	42.16 0.91 0.00	46.81 0.83 0.00	51.14 1.00 0.00	55.50 0.77 0.00	59.56 0.82 0.00	66.42 0.98 0.00	84.34 1.57 0.00	97.95 0.77 0.00	102.23 1.11 0.00	91.42 1.70 0.00	78.32 2.47 -3.10	72.90 2.13 -8.12	54.86 1.65 -0.02	47.55 0.79 0.00
N.AKRON__115KV_KNAPP 355671	45.00 0.04 0.00	41.08 0.61 0.00	35.65 -0.07 0.00	32.29 -0.46 0.00	31.04 -0.50 0.00	33.11 -0.54 0.00	33.31 -0.47 0.00	32.74 -1.26 0.00	33.06 -1.31 0.00	35.71 -1.22 0.00	40.14 -1.11 0.00	44.92 -1.06 0.00	48.53 -1.60 0.00	53.20 -1.53 0.00	56.09 -2.64 0.00	62.95 -2.49 0.00	77.81 -4.97 0.00	90.37 -6.80 0.00	94.75 -6.37 0.00	84.15 -5.56 0.00	70.13 -2.62 0.00	59.70 -2.94 0.00	51.38 -1.81 0.00	46.19 -0.56 0.00
N.E_GEN_SANDY PD 24062	45.77 0.81 0.00	41.36 0.89 0.00	36.65 0.93 0.00	33.80 0.98 -0.07	34.20 0.98 -1.68	34.60 0.94 -0.01	35.48 0.91 -0.78	34.99 0.99 0.00	35.50 1.13 0.00	38.00 1.07 0.00	40.70 1.07 1.63	44.60 1.10 2.48	47.10 1.20 4.24	53.10 1.37 3.00	56.90 1.52 3.36	67.20 1.77 0.00	84.80 2.65 0.62	100.87 3.69 0.00	104.56 3.44 0.00	92.41 2.69 0.00	74.20 1.45 0.00	63.96 1.32 0.00	54.31 1.12 0.00	47.87 1.12 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.04 1.08 0.00	41.56 1.09 0.00	36.79 1.07 0.00	33.82 1.08 0.00	32.55 1.01 0.00	34.66 1.01 0.00	34.83 1.05 0.00	35.16 1.16 0.00	35.81 1.44 0.00	38.56 1.62 0.00	43.43 1.94 -0.23	48.50 2.16 -0.36	53.16 2.41 -0.61	57.84 2.68 -0.43	62.33 3.11 -0.48	68.77 3.34 0.00	87.67 4.80 -0.09	103.49 6.32 0.00	106.88 5.76 0.00	94.38 4.67 0.00	75.44 2.69 0.00	65.15 2.51 0.00	55.26 2.07 0.00	48.72 1.96 0.00
N.QUEENS_27_KV_LOAD 356247	46.71 1.75 0.00	42.17 1.70 0.00	37.26 1.54 0.00	34.15 1.41 0.00	32.87 1.32 0.00	35.10 1.45 0.00	35.27 1.49 0.00	35.53 1.53 0.00	36.26 1.89 0.00	39.22 2.29 0.00	44.23 2.72 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.53 3.34 -0.46	62.43 3.17 -0.52	68.77 3.34 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	108.37 6.88 -0.37	95.28 5.56 0.00	75.37 2.62 0.00	65.53 2.88 0.00	56.33 3.14 0.00	49.60 2.85 0.00
N.TROY___115KV_TB1 355778	46.13 1.17 0.00	41.60 1.13 0.00	36.86 1.14 0.00	33.86 1.11 0.00	32.65 1.10 0.00	34.76 1.11 0.00	34.87 1.08 0.00	35.05 1.05 0.00	35.47 1.10 0.00	37.89 0.96 0.00	41.83 0.87 0.30	46.49 0.97 0.45	50.42 1.05 0.77	55.45 1.26 0.54	59.60 1.47 0.61	67.20 1.77 0.00	85.23 2.57 0.11	100.58 3.40 0.00	104.66 3.54 0.00	92.68 2.96 0.00	74.71 1.96 0.00	64.34 1.69 0.00	54.52 1.33 0.00	48.01 1.26 0.00
NARROWS_GT1_1 24228	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
NARROWS_GT1_2 24229	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
NARROWS_GT1_3 24230	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
NARROWS_GT1_4 24231	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
NARROWS_GT1_5 24232	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01

NARROWS_GT1_6 24233	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
NARROWS_GT1_7 24234	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
NARROWS_GT1_8 24235	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
NARROWS_GT2_1 24236	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
NARROWS_GT2_2 24237	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
NARROWS_GT2_3 24238	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
NARROWS_GT2_4 24239	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
NARROWS_GT2_5 24240	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
NARROWS_GT2_6 24241	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
NARROWS_GT2_7 24242	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
NARROWS_GT2_8 24243	46.90 1.93 -0.01	42.38 1.90 -0.01	37.48 1.75 -0.01	34.36 1.60 -0.01	33.04 1.48 -0.01	35.21 1.55 -0.01	35.32 1.52 -0.01	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 -0.01	44.44 2.93 -0.26	49.40 3.03 -0.39	54.10 3.31 -0.65	58.53 3.34 -0.46	62.54 3.29 -0.52	68.83 3.40 0.01	88.50 5.63 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.10 5.38 0.00	75.35 2.62 0.01	65.40 2.75 0.00	56.28 3.08 -0.01	49.61 2.85 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.31 1.35 0.00	41.68 1.21 0.00	36.86 1.14 0.00	33.89 1.15 0.00	32.65 1.10 0.00	34.80 1.14 0.00	34.83 1.05 0.00	34.85 0.85 0.00	35.02 0.65 0.00	37.34 0.41 0.00	41.79 0.62 0.08	46.50 0.64 0.12	50.38 0.45 0.21	55.24 0.66 0.15	59.51 0.94 0.17	65.96 0.52 0.00	84.81 2.07 0.03	98.64 3.30 1.84	101.71 3.74 3.16	92.23 2.51 0.00	74.49 1.75 0.00	64.15 1.50 0.00	54.20 1.01 0.00	47.78 1.03 0.00
NCHELSEA_115KV_TR2 355582	46.49 1.53 0.00	41.93 1.46 0.00	37.08 1.36 0.00	34.05 1.31 0.00	32.77 1.23 0.00	34.93 1.28 0.00	35.07 1.28 0.00	35.36 1.36 0.00	35.95 1.58 0.00	38.70 1.77 0.00	43.52 2.06 -0.20	48.67 2.39 -0.30	53.41 2.76 -0.52	58.27 3.17 -0.37	62.73 3.58 -0.41	69.36 3.93 0.00	88.48 5.63 -0.08	104.47 7.29 0.00	108.20 7.08 0.00	95.55 5.83 0.00	76.46 3.71 0.00	65.84 3.19 0.00	55.85 2.66 0.00	49.09 2.34 0.00
NEG CAPITAL___MECHNVIL 23645	46.98 2.02 0.00	42.33 1.86 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.09 1.55 0.00	35.30 1.65 0.00	35.37 1.59 0.00	35.50 1.49 0.00	35.88 1.51 0.00	38.26 1.33 0.00	42.24 1.24 0.25	47.06 1.47 0.38	51.04 1.56 0.66	56.29 2.03 0.46	60.51 2.29 0.52	68.31 2.88 0.00	86.65 3.97 0.10	102.42 5.24 0.00	106.88 5.76 0.00	94.74 5.02 0.00	76.31 3.56 0.00	65.59 2.95 0.00	55.53 2.34 0.00	48.81 2.05 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.29 -0.67 0.00	40.11 -0.36 0.00	35.04 -0.68 0.00	31.69 -1.05 0.00	30.57 -0.98 0.00	32.64 -1.01 0.00	32.70 -1.08 0.00	32.78 -1.22 0.00	33.16 -1.20 0.00	35.82 -1.11 0.00	40.18 -1.07 0.00	45.06 -0.92 0.00	49.04 -1.10 0.00	53.58 -1.15 0.00	57.15 -1.58 0.00	63.47 -1.96 0.00	79.63 -3.15 0.00	92.81 -4.37 0.00	96.97 -4.15 0.00	85.95 -3.76 0.00	70.71 -2.04 0.00	60.52 -2.13 0.00	51.54 -1.65 0.00	45.54 -1.22 0.00

NM_FRONTIER___DRP 24179	44.01 -0.94 0.00	40.35 -0.12 0.00	35.04 -0.68 0.00	31.01 -1.74 0.00	29.84 -1.70 0.00	31.73 -1.92 0.00	32.00 -1.79 0.00	31.65 -2.35 0.00	31.96 -2.41 0.00	34.53 -2.40 0.00	38.82 -2.43 0.00	43.40 -2.57 0.00	46.73 -3.41 0.00	51.17 -3.56 0.00	53.92 -4.82 0.00	60.53 -4.91 0.00	74.50 -8.28 0.00	86.29 -10.88 0.00	90.30 -10.82 0.00	80.12 -9.60 0.00	66.93 -5.82 0.00	56.88 -5.76 0.00	49.25 -3.94 0.00	44.23 -2.52 0.00
NM_ST_REGIS___HYD 24053	46.17 1.21 0.00	40.96 0.49 0.00	36.01 0.29 0.00	32.94 0.20 0.00	31.73 0.19 0.00	33.85 0.20 0.00	34.39 0.61 0.00	34.65 0.65 0.00	35.02 0.65 0.00	37.60 0.66 0.00	41.96 0.70 0.00	46.67 0.69 0.00	50.99 0.85 0.00	55.33 0.60 0.00	59.38 0.65 0.00	66.22 0.79 0.00	84.02 1.24 0.00	97.37 0.19 0.00	101.73 0.61 0.00	91.42 1.70 0.00	82.74 2.33 -7.67	84.80 2.07 -20.09	54.84 1.60 -0.06	47.41 0.65 0.00
NORTHPORT___1 23551	45.95 0.99 0.00	42.78 2.31 -0.01	37.65 1.93 0.00	34.38 1.64 0.00	33.06 1.51 0.00	35.30 1.65 0.00	35.00 1.21 0.00	35.63 1.63 0.00	36.60 2.23 0.00	39.48 2.55 0.00	44.76 2.97 -0.53	48.81 2.44 -0.40	49.35 1.90 2.69	51.62 1.75 4.86	56.07 2.70 5.37	62.67 2.88 5.64	85.08 4.22 1.92	103.65 6.31 -0.16	105.73 5.56 0.95	92.24 3.86 1.33	74.42 1.67 0.01	59.48 1.00 4.16	51.43 1.91 3.67	47.92 1.17 0.00
NORTHPORT___2 23552	45.95 0.99 0.00	42.78 2.31 -0.01	37.65 1.93 0.00	34.38 1.64 0.00	33.06 1.51 0.00	35.30 1.65 0.00	35.00 1.21 0.00	35.63 1.63 0.00	36.60 2.23 0.00	39.48 2.55 0.00	44.76 2.97 -0.53	48.81 2.44 -0.40	49.35 1.90 2.69	51.62 1.75 4.86	56.07 2.70 5.37	62.67 2.88 5.64	85.08 4.22 1.92	103.65 6.31 -0.16	105.73 5.56 0.95	92.24 3.86 1.33	74.42 1.67 0.01	59.48 1.00 4.16	51.43 1.91 3.67	47.92 1.17 0.00
NORTHPORT___3 23553	45.50 0.54 0.00	42.34 1.86 -0.01	37.33 1.61 0.00	34.09 1.34 0.00	32.74 1.20 0.00	34.96 1.31 0.00	34.77 0.98 0.00	35.33 1.32 0.00	36.26 1.89 0.00	39.26 2.33 0.00	44.51 2.72 -0.53	48.39 2.02 -0.39	49.29 1.86 2.70	51.56 1.70 4.87	55.94 2.58 5.38	62.66 2.88 5.65	85.02 4.22 1.98	103.45 6.13 -0.15	105.47 5.36 1.00	92.14 3.77 1.34	74.33 1.60 0.01	59.42 0.94 4.17	51.30 1.81 3.70	47.59 0.84 0.00
NORTHPORT___4 23650	45.50 0.54 0.00	42.34 1.86 -0.01	37.33 1.61 0.00	34.09 1.34 0.00	32.74 1.20 0.00	34.96 1.31 0.00	34.77 0.98 0.00	35.33 1.32 0.00	36.26 1.89 0.00	39.26 2.33 0.00	44.51 2.72 -0.53	48.39 2.02 -0.39	49.29 1.86 2.70	51.56 1.70 4.87	55.94 2.58 5.38	62.66 2.88 5.65	85.02 4.22 1.98	103.45 6.13 -0.15	105.47 5.36 1.00	92.14 3.77 1.34	74.33 1.60 0.01	59.42 0.94 4.17	51.30 1.81 3.70	47.59 0.84 0.00
NORTHPORT___IC 23718	46.26 1.30 0.00	42.78 2.31 0.00	37.61 1.89 0.00	34.28 1.54 0.00	33.06 1.51 0.00	35.27 1.62 0.00	35.20 1.42 0.00	35.63 1.63 0.00	36.60 2.23 0.00	39.52 2.59 0.00	44.76 2.97 -0.53	48.86 2.48 -0.40	49.40 1.96 2.69	51.68 1.81 4.86	56.24 2.88 5.37	62.74 2.94 5.64	85.16 4.30 1.92	103.65 6.32 -0.16	105.74 5.56 0.95	92.33 3.95 1.33	74.63 1.89 0.01	59.80 1.32 4.16	51.43 1.91 3.67	49.04 2.29 0.00
NORTH___COUNTRY_ESR 323785	45.23 0.27 0.00	40.31 -0.16 0.00	35.43 -0.29 0.00	32.38 -0.36 0.00	31.20 -0.35 0.00	33.35 -0.30 0.00	33.75 -0.03 0.00	34.10 0.10 0.00	34.54 0.17 0.00	37.15 0.22 0.00	41.51 0.25 0.00	46.07 0.09 0.00	50.24 0.10 0.00	54.62 -0.11 0.00	58.62 -0.12 0.00	65.37 -0.07 0.00	83.02 0.25 0.00	96.69 -0.48 0.00	100.82 -0.30 0.00	89.90 0.18 0.00	74.80 0.88 -1.17	66.47 0.75 -3.07	53.73 0.53 -0.01	46.75 0.00 0.00
NPX_GEN_1385_PROXY 323591	46.22 1.26 0.00	42.99 2.51 -0.01	37.68 1.96 0.00	34.68 1.93 0.00	33.44 1.89 0.00	35.57 1.92 0.00	35.14 1.35 0.00	36.18 2.18 0.00	37.01 2.65 0.00	39.26 2.33 0.00	44.51 2.72 -0.53	48.31 1.93 -0.40	49.05 1.60 2.69	51.90 2.03 4.86	56.30 2.94 5.37	63.00 3.21 5.64	85.49 4.63 1.92	104.34 7.00 -0.16	106.55 6.37 0.95	92.69 4.31 1.33	75.22 2.47 0.01	59.80 1.32 4.16	51.70 2.18 3.67	47.59 0.84 0.00
NPX_GEN_CSC 323557	45.95 0.99 0.00	42.74 2.26 -0.01	37.58 1.86 0.00	34.18 1.44 0.00	32.81 1.26 0.00	35.10 1.45 0.00	34.77 0.98 0.00	35.33 1.32 0.00	36.36 1.99 0.00	39.41 2.47 0.00	44.77 2.97 -0.54	49.32 2.95 -0.40	53.39 2.61 -0.65	57.66 2.47 -0.46	62.77 3.52 -0.51	69.29 3.86 0.00	90.42 5.71 -1.94	105.62 8.26 -0.19	107.83 7.68 0.97	95.28 5.56 0.01	75.44 2.69 0.00	64.40 1.75 0.00	53.60 2.40 1.98	48.29 1.54 0.00
NSINS_S_GLNS_FALLS 23858	47.21 2.25 0.00	42.49 2.02 0.00	37.65 1.93 0.00	34.41 1.67 0.00	33.18 1.64 0.00	35.44 1.78 0.00	35.51 1.72 0.00	35.56 1.56 0.00	35.98 1.62 0.00	38.26 1.33 0.00	41.94 0.91 0.22	46.79 1.15 0.33	50.82 1.25 0.57	56.13 1.81 0.40	60.34 2.06 0.45	68.25 2.81 0.00	86.58 3.89 0.08	102.52 5.34 0.00	107.69 6.57 0.00	95.55 5.83 0.00	77.04 4.29 0.00	66.09 3.45 0.00	55.85 2.66 0.00	49.00 2.24 0.00
NUCOR_STEEL___DRP 24197	45.27 0.31 0.00	40.84 0.36 0.00	35.90 0.18 0.00	32.71 -0.03 0.00	31.48 -0.06 0.00	33.65 0.00 0.00	33.72 -0.07 0.00	33.83 -0.17 0.00	34.20 -0.17 0.00	36.78 -0.15 0.00	41.17 -0.08 0.00	45.93 -0.05 0.00	50.19 0.05 0.00	54.84 0.11 0.00	58.74 0.00 0.00	65.50 0.07 0.00	82.53 -0.25 0.00	96.79 -0.39 0.00	101.02 -0.10 0.00	89.72 0.00 0.00	73.04 0.29 0.00	62.77 0.13 0.00	53.30 0.11 0.00	46.85 0.09 0.00
NUMBER_THREE_WT_PWR 323818	46.62 1.66 0.00	41.60 1.13 0.00	36.61 0.89 0.00	33.46 0.72 0.00	32.05 0.50 0.00	34.22 0.57 0.00	34.46 0.68 0.00	34.68 0.68 0.00	34.95 0.58 0.00	37.60 0.67 0.00	41.96 0.70 0.00	46.67 0.69 0.00	51.04 0.90 0.00	55.72 0.99 0.00	59.80 1.06 0.00	67.20 1.77 0.00	84.43 1.65 0.00	99.22 2.04 0.00	103.95 2.83 0.00	93.12 3.41 0.00	78.24 2.91 -2.58	71.80 2.38 -6.77	54.75 1.54 -0.02	47.59 0.84 0.00
NYISO_LBMP_REFERENCE 24008	44.96 0.00 0.00	40.47 0.00 0.00	35.72 0.00 0.00	32.74 0.00 0.00	31.54 0.00 0.00	33.65 0.00 0.00	33.79 0.00 0.00	34.00 0.00 0.00	34.37 0.00 0.00	36.93 0.00 0.00	41.26 0.00 0.00	45.98 0.00 0.00	50.14 0.00 0.00	54.73 0.00 0.00	58.74 0.00 0.00	65.44 0.00 0.00	82.78 0.00 0.00	97.18 0.00 0.00	101.12 0.00 0.00	89.72 0.00 0.00	72.75 0.00 0.00	62.65 0.00 0.00	53.19 0.00 0.00	46.75 0.00 0.00
NYPA_BRENTWD____GT 24164	46.62 1.66 0.00	43.31 2.83 -0.01	38.11 2.39 0.00	34.74 2.00 0.00	33.37 1.83 0.00	35.64 1.99 0.00	35.37 1.59 0.00	35.94 1.94 0.00	36.95 2.58 0.00	39.96 3.03 0.00	45.35 3.55 -0.55	49.79 3.40 -0.41	53.90 3.11 -0.65	58.25 3.06 -0.46	63.42 4.17 -0.51	69.82 4.38 0.00	90.76 5.71 -2.28	105.46 8.06 -0.22	107.57 7.38 0.93	95.19 5.47 0.00	75.66 2.91 0.00	65.03 2.38 0.00	54.73 3.19 1.66	48.95 2.20 0.00

RAVENSWOOD_GT2_3 24246	46.53 1.57 0.00	42.01 1.54 0.00	37.15 1.43 0.00	34.05 1.31 0.00	32.77 1.23 0.00	34.93 1.28 0.00	35.10 1.32 0.00	35.46 1.46 0.00	36.26 1.89 0.00	39.11 2.18 0.00	44.11 2.60 -0.25	49.16 2.80 -0.38	53.85 3.06 -0.65	58.48 3.28 -0.46	62.90 3.64 -0.52	69.23 3.80 0.00	88.50 5.63 -0.10	104.37 7.19 0.00	107.79 6.67 0.00	95.10 5.38 0.00	75.80 3.06 0.00	65.59 2.94 0.00	55.85 2.66 0.00	49.32 2.57 0.00
RAVENSWOOD_GT2_4 24247	46.53 1.57 0.00	42.01 1.54 0.00	37.15 1.43 0.00	34.05 1.31 0.00	32.77 1.23 0.00	34.93 1.28 0.00	35.10 1.32 0.00	35.46 1.46 0.00	36.26 1.89 0.00	39.11 2.18 0.00	44.11 2.60 -0.25	49.16 2.80 -0.38	53.85 3.06 -0.65	58.48 3.28 -0.46	62.90 3.64 -0.52	69.23 3.80 0.00	88.50 5.63 -0.10	104.37 7.19 0.00	107.79 6.67 0.00	95.10 5.38 0.00	75.80 3.06 0.00	65.59 2.94 0.00	55.85 2.66 0.00	49.32 2.57 0.00
RAVENSWOOD_GT3_1 24248	46.49 1.53 0.00	42.01 1.54 0.00	37.11 1.39 0.00	34.05 1.31 0.00	32.77 1.23 0.00	34.93 1.28 0.00	35.10 1.32 0.00	35.46 1.46 0.00	36.22 1.86 0.00	39.11 2.18 0.00	44.11 2.60 -0.25	49.16 2.80 -0.38	53.80 3.01 -0.65	58.48 3.28 -0.46	62.90 3.64 -0.52	69.23 3.80 0.00	88.42 5.55 -0.10	104.27 7.09 0.00	107.69 6.57 0.00	95.10 5.38 0.00	75.73 2.98 0.00	65.59 2.94 0.00	55.85 2.66 0.00	49.32 2.57 0.00
RAVENSWOOD_GT3_2 24249	46.49 1.53 0.00	42.01 1.54 0.00	37.11 1.39 0.00	34.05 1.31 0.00	32.77 1.23 0.00	34.93 1.28 0.00	35.10 1.32 0.00	35.46 1.46 0.00	36.22 1.86 0.00	39.11 2.18 0.00	44.11 2.60 -0.25	49.16 2.80 -0.38	53.80 3.01 -0.65	58.48 3.28 -0.46	62.90 3.64 -0.52	69.23 3.80 0.00	88.42 5.55 -0.10	104.27 7.09 0.00	107.69 6.57 0.00	95.10 5.38 0.00	75.73 2.98 0.00	65.59 2.94 0.00	55.85 2.66 0.00	49.32 2.57 0.00
RAVENSWOOD_GT3_3 24250	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.09 1.34 0.00	32.81 1.26 0.00	34.96 1.31 0.00	35.14 1.35 0.00	35.53 1.53 0.00	36.29 1.92 0.00	39.15 2.22 0.00	44.19 2.68 -0.25	49.26 2.90 -0.38	53.90 3.11 -0.65	58.59 3.39 -0.46	63.01 3.76 -0.52	69.36 3.93 0.00	88.58 5.71 -0.10	104.56 7.39 0.00	108.00 6.88 0.00	95.28 5.56 0.00	75.87 3.13 0.00	65.72 3.07 0.00	55.96 2.77 0.00	49.42 2.66 0.00
RAVENSWOOD_GT3_4 24251	46.58 1.62 0.00	42.05 1.58 0.00	37.18 1.46 0.00	34.09 1.34 0.00	32.81 1.26 0.00	34.96 1.31 0.00	35.14 1.35 0.00	35.53 1.53 0.00	36.29 1.92 0.00	39.15 2.22 0.00	44.19 2.68 -0.25	49.26 2.90 -0.38	53.90 3.11 -0.65	58.59 3.39 -0.46	63.01 3.76 -0.52	69.36 3.93 0.00	88.58 5.71 -0.10	104.56 7.39 0.00	108.00 6.88 0.00	95.28 5.56 0.00	75.87 3.13 0.00	65.72 3.07 0.00	55.96 2.77 0.00	49.42 2.66 0.00
RAVENSWOOD_GT_1 23729	46.76 1.80 0.00	42.21 1.74 0.00	37.33 1.61 0.00	34.22 1.47 0.00	32.93 1.39 0.00	35.10 1.45 0.00	35.27 1.49 0.00	35.60 1.60 0.00	36.36 1.99 0.00	39.29 2.36 0.00	44.31 2.81 -0.25	49.39 3.03 -0.38	54.05 3.26 -0.65	58.53 3.34 -0.46	62.60 3.35 -0.52	68.90 3.47 0.00	88.42 5.55 -0.10	104.47 7.29 0.00	107.69 6.57 0.00	95.01 5.29 0.00	75.37 2.62 0.00	65.40 2.76 0.00	56.12 2.93 0.00	49.56 2.81 0.00
RAVENSWOOD_GT_10 24258	46.49 1.53 0.00	41.97 1.50 0.00	37.11 1.39 0.00	34.02 1.28 0.00	32.77 1.23 0.00	34.93 1.28 0.00	35.10 1.32 0.00																	

RAVENSWOOD___1 23533	46.67 1.71 -0.01	42.22 1.74 -0.01	37.34 1.61 -0.01	34.23 1.47 -0.01	32.94 1.39 -0.01	35.11 1.45 -0.01	35.21 1.42 -0.01	35.60 1.60 0.00	36.36 1.99 0.00	39.30 2.37 -0.01	44.32 2.81 -0.26	49.35 2.99 -0.39	54.05 3.26 -0.65	58.37 3.17 -0.46	62.42 3.17 -0.52	68.70 3.27 0.01	88.25 5.38 -0.10	104.37 7.19 0.00	107.60 6.48 0.00	94.92 5.20 0.00	75.21 2.47 0.01	65.28 2.63 0.00	56.12 2.92 -0.01	49.52 2.76 -0.01
RAVENSWOOD___2 23534	46.58 1.62 -0.01	42.14 1.66 -0.01	37.26 1.53 -0.01	34.16 1.41 -0.01	32.88 1.32 -0.01	35.04 1.38 -0.01	35.15 1.35 -0.01	35.53 1.53 0.00	36.29 1.92 0.00	39.23 2.29 -0.01	44.24 2.72 -0.26	49.27 2.90 -0.39	53.95 3.16 -0.65	58.15 2.95 -0.46	61.96 2.70 -0.52	68.18 2.75 0.01	87.59 4.72 -0.10	103.59 6.41 0.00	106.78 5.66 0.00	94.11 4.40 0.00	74.56 1.82 0.01	64.84 2.19 0.00	56.02 2.82 -0.01	49.42 2.66 -0.01
RAVENSWOOD___3 23535	46.44 1.48 0.00	42.01 1.54 0.00	37.11 1.39 0.00	34.06 1.31 0.00	32.77 1.23 0.00	34.93 1.28 0.00	35.04 1.25 0.00	35.46 1.46 0.00	36.22 1.85 0.00	39.07 2.14 0.00	44.11 2.60 -0.25	49.12 2.76 -0.38	53.80 3.01 -0.65	58.42 3.23 -0.46	62.78 3.52 -0.52	69.16 3.73 0.00	88.42 5.55 -0.10	104.27 7.09 0.00	107.69 6.57 0.00	95.10 5.38 0.00	75.66 2.91 0.00	65.53 2.88 0.00	55.85 2.66 0.00	49.28 2.52 0.00
RAVENSWOOD___4 23820	46.67 1.71 -0.01	42.18 1.70 -0.01	37.30 1.57 -0.01	34.23 1.47 -0.01	32.94 1.39 -0.01	35.11 1.45 -0.01	35.21 1.42 -0.01	35.57 1.56 0.00	36.33 1.96 0.00	39.27 2.33 -0.01	44.28 2.76 -0.26	49.35 2.99 -0.39	54.00 3.21 -0.65	58.31 3.12 -0.46	62.31 3.05 -0.52	68.63 3.21 0.01	88.17 5.30 -0.10	104.27 7.09 0.00	107.49 6.37 0.00	94.83 5.11 0.00	75.07 2.33 0.01	65.22 2.57 0.00	56.12 2.92 -0.01	49.47 2.71 -0.01
RCPL_TRUST___DRP 24196	46.53 1.57 0.00	42.01 1.54 0.00	37.11 1.39 0.00	34.05 1.31 0.00	32.77 1.23 0.00	34.93 1.28 0.00	35.10 1.32 0.00	35.50 1.50 0.00	36.26 1.89 0.00	39.15 2.22 0.00	44.15 2.64 -0.25	49.21 2.85 -0.38	53.90 3.11 -0.65	58.59 3.39 -0.46	63.07 3.82 -0.52	69.49 4.06 0.00	88.75 5.88 -0.10	104.56 7.39 0.00	108.00 6.88 0.00	95.28 5.56 0.00	75.95 3.20 0.00	65.72 3.07 0.00	55.90 2.71 0.00	49.32 2.57 0.00
RED___ROCHESTER 323720	45.41 0.45 0.00	41.16 0.69 0.00	35.90 0.18 0.00	32.38 -0.36 0.00	31.23 -0.32 0.00	33.32 -0.34 0.00	33.38 -0.40 0.00	33.46 -0.55 0.00	33.85 -0.51 0.00	36.60 -0.33 0.00	41.09 -0.16 0.00	46.12 0.14 0.00	50.14 0.00 0.00	54.84 0.11 0.00	58.39 -0.35 0.00	64.78 -0.65 0.00	81.03 -1.74 0.00	94.16 -3.01 0.00	98.39 -2.73 0.00	87.30 -2.42 0.00	72.09 -0.66 0.00	61.77 -0.88 0.00	52.66 -0.53 0.00	46.61 -0.14 0.00
REGAN___SOLAR 323812	48.42 3.46 0.00	43.59 3.12 0.00	38.47 2.75 0.00	35.17 2.42 0.00	33.91 2.37 0.00	36.21 2.56 0.00	36.25 2.47 0.00	36.04 2.04 0.00	35.88 1.51 0.00	37.82 0.88 0.00	41.56 0.45 0.15	46.12 0.37 0.22	50.15 0.40 0.38	55.50 1.04 0.27	59.90 1.47 0.31	67.92 2.49 0.00	87.02 4.30 0.06	104.18 7.00 0.00	109.82 8.70 0.00	98.15 8.43 0.00	79.22 6.47 0.00	67.97 5.32 0.00	57.45 4.26 0.00	50.35 3.60 0.00
RENSSELAER___COGEN 23796	44.91 -0.04 0.00	40.51 0.04 0.00	35.86 0.14 0.00	33.07 0.33 0.00	31.89 0.35 0.00	33.95 0.30 0.00	34.02 0.24 0.00	34.27 0.27 0.00	34.64 0.27 0.00	37.08 0.15 0.00	41.06 0.00 0.19	45.59 -0.09 0.30	49.33 -0.30 0.51	54.15 -0.22 0.36	58.22 -0.12 0.40	65.31 -0.13 0.00	82.78 0.08 0.07	97.67 0.49 0.00	101.42 0.30 0.00	89.72 0.00 0.00	72.31 -0.43 0.00	62.40 -0.25 0.00	52.93 -0.26 0.00	46.71 -0.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	49.99 5.04 0.00	44.96 4.49 0.00	39.72 4.00 0.00	36.12 3.37 0.00	34.89 3.34 0.00	37.32 3.67 0.00	37.33 3.55 0.00	37.23 3.23 0.00	37.67 3.30 0.00	39.96 3.03 0.00	43.72 2.68 0.22	48.95 3.31 0.33	53.18 3.61 0.57	58.98 4.65 0.40	63.33 5.05 0.45	71.85 6.41 0.00	91.47 8.77 0.08	108.45 11.27 0.00	114.27 13.15 0.00	101.74 12.02 0.00	81.99 9.24 0.00	70.10 7.45 0.00	59.04 5.85 0.00	51.66 4.91 0.00
REVERE_CPPR_DRP 24186	46.76 1.80 0.00	41.97 1.50 0.00	36.97 1.25 0.00	33.82 1.08 0.00	32.43 0.88 0.00	34.63 0.98 0.00	34.73 0.95 0.00	34.88 0.88 0.00	35.23 0.86 0.00	37.89 0.96 0.00	42.37 1.11 0.00	47.22 1.24 0.00	51.69 1.55 0.00	56.54 1.81 0.00	60.73 2.00 0.00	67.73 2.29 0.00	85.42 2.65 0.00	100.48 3.30 0.00	105.06 3.94 0.00	93.75 4.04 0.00	76.69 3.20 -0.74	67.28 2.69 -1.94	55.16 1.97 -0.01	48.20 1.45 0.00
REYNLDPA_13_KV_LD 356490	45.59 0.63 0.00	40.75 0.28 0.00	35.86 0.14 0.00	32.84 0.10 0.00	31.67 0.13 0.00	33.79 0.13 0.00	34.16 0.37 0.00	34.37 0.37 0.00	34.75 0.38 0.00	37.34 0.41 0.00	41.67 0.41 0.00	46.39 0.41 0.00	50.64 0.50 0.00	55.00 0.27 0.00	59.03 0.29 0.00	65.76 0.33 0.00	83.36 0.58 0.00	96.89 -0.29 0.00	100.92 -0.20 0.00	90.08 0.36 0.00	72.27 0.95 1.42	59.79 0.88 3.73	53.92 0.74 0.01	47.13 0.37 0.00
REYNOLDS_115KV_TB3 80639	45.36 0.40 0.00	40.92 0.45 0.00	36.26 0.54 0.00	33.40 0.65 0.00	32.24 0.69 0.00	34.29 0.64 0.00	34.39 0.61 0.00	34.58 0.58 0.00	34.99 0.62 0.00	37.45 0.52 0.00	41.43 0.41 0.24	46.03 0.41 0.36	49.87 0.35 0.62	54.74 0.44 0.43	58.84 0.59 0.49	66.09 0.65 0.00	83.76 1.08 0.09	98.83 1.65 0.00	102.64 1.52 0.00	90.79 1.08 0.00	73.18 0.44 0.00	63.09 0.44 0.00	53.51 0.32 0.00	47.17 0.42 0.00
RIVERBAY____ 323610	47.61 2.65 0.00	43.02 2.55 0.00	38.01 2.29 0.00	34.84 2.10 0.00	33.50 1.96 0.00	35.74 2.09 0.00	35.88 2.09 0.00	36.14 2.14 0.00	36.88 2.51 0.00	39.89 2.95 0.00	45.01 3.51 -0.25	50.22 3.86 -0.38	55.00 4.21 -0.65	59.52 4.32 -0.46	63.54 4.29 -0.52	69.95 4.52 0.00	90.07 7.20 -0.10	106.60 9.43 0.00	109.82 8.70 0.00	96.98 7.27 0.00	76.75 4.00 0.00	66.66 4.01 0.00	57.29 4.10 0.00	50.49 3.74 0.00
RIVERSDE_115KV_TB3 55908	45.05 0.09 0.00	40.63 0.16 0.00	35.97 0.25 0.00	33.14 0.39 0.00	32.02 0.47 0.00	34.06 0.40 0.00	34.16 0.37 0.00	34.37 0.37 0.00	34.75 0.38 0.00	37.19 0.26 0.00	41.12 0.08 0.21	45.74 0.09 0.33	49.53 -0.05 0.56	54.61 0.27 0.40	58.70 0.41 0.45	65.89 0.46 0.00	83.52 0.83 0.08	98.54 1.36 0.00	102.33 1.21 0.00	90.52 0.81 0.00	72.96 0.22 0.00	62.90 0.25 0.00	53.35 0.16 0.00	47.03 0.28 0.00
ROARING___BROOK_WT_PWR 323790	44.78 -0.18 0.00	40.19 -0.28 0.00	35.40 -0.32 0.00	32.42 -0.33 0.00	31.20 -0.35 0.00	33.28 -0.37 0.00	33.48 -0.30 0.00	33.76 -0.24 0.00	34.20 -0.17 0.00	36.82 -0.11 0.00	41.17 -0.08 0.00	45.84 -0.14 0.00	49.94 -0.20 0.00	54.35 -0.38 0.00	58.33 -0.41 0.00	64.91 -0.53 0.00	82.03 -0.75 0.00	96.11 -1.07 0.00	100.01 -1.11 0.00	88.91 -0.81 0.00	71.84 -0.58 0.32	61.30 -0.50 0.84	52.71 -0.48 0.00	46.24 -0.51 0.00

ROCHESRG_115KV_T4 355643	44.78 -0.18 0.00	40.67 0.20 0.00	35.51 -0.21 0.00	32.12 -0.62 0.00	30.91 -0.63 0.00	32.98 -0.67 0.00	33.14 -0.64 0.00	33.08 -0.92 0.00	33.44 -0.93 0.00	36.12 -0.81 0.00	40.51 -0.74 0.00	45.33 -0.64 0.00	49.24 -0.90 0.00	53.80 -0.93 0.00	57.09 -1.64 0.00	63.87 -1.57 0.00	79.71 -3.06 0.00	92.80 -4.37 0.00	97.08 -4.04 0.00	86.04 -3.68 0.00	70.93 -1.82 0.00	60.64 -2.00 0.00	51.91 -1.28 0.00	45.96 -0.79 0.00
ROCHESTER_9_IC 23652	45.09 0.13 0.00	40.92 0.45 0.00	35.72 0.00 0.00	32.29 -0.46 0.00	31.07 -0.47 0.00	33.15 -0.50 0.00	33.31 -0.47 0.00	33.29 -0.71 0.00	33.65 -0.72 0.00	36.34 -0.59 0.00	40.80 -0.45 0.00	45.66 -0.32 0.00	49.64 -0.50 0.00	54.29 -0.44 0.00	57.56 -1.17 0.00	64.39 -1.05 0.00	80.38 -2.40 0.00	93.48 -3.69 0.00	97.78 -3.34 0.00	86.67 -3.05 0.00	71.51 -1.24 0.00	61.14 -1.50 0.00	52.29 -0.90 0.00	46.28 -0.47 0.00
ROCKVIEW_13_KV_LD 356306	46.49 1.53 0.00	42.01 1.54 0.00	37.15 1.43 0.00	34.05 1.31 0.00	32.81 1.26 0.00	34.96 1.31 0.00	35.10 1.32 0.00	35.46 1.46 0.00	36.22 1.86 0.00	39.07 2.14 0.00	44.11 2.60 -0.25	49.21 2.85 -0.38	53.90 3.11 -0.65	58.59 3.39 -0.46	63.07 3.82 -0.52	69.62 4.19 0.00	88.83 5.96 -0.10	104.76 7.58 0.00	108.40 7.28 0.00	95.64 5.92 0.00	76.24 3.49 0.00	65.78 3.13 0.00	55.85 2.66 0.00	49.28 2.52 0.00
ROME____115KV_TB2 80656	46.76 1.80 0.00	41.97 1.50 0.00	36.97 1.25 0.00	33.82 1.08 0.00	32.43 0.88 0.00	34.63 0.98 0.00	34.73 0.95 0.00	34.88 0.88 0.00	35.23 0.86 0.00	37.89 0.96 0.00	42.37 1.11 0.00	47.22 1.24 0.00	51.69 1.55 0.00	56.54 1.81 0.00	60.73 2.00 0.00	67.73 2.29 0.00	85.42 2.65 0.00	100.48 3.30 0.00	105.06 3.94 0.00	93.75 4.04 0.00	76.69 3.20 -0.74	67.28 2.69 -1.94	55.16 1.97 -0.01	48.20 1.45 0.00
ROSETON___1 23587	45.81 0.85 0.00	41.40 0.93 0.00	36.65 0.93 0.00	33.69 0.95 0.00	32.43 0.88 0.00	34.56 0.91 0.00	34.66 0.88 0.00	34.99 0.99 0.00	35.57 1.20 0.00	38.30 1.37 0.00	43.05 1.57 -0.23	48.03 1.70 -0.35	52.64 1.90 -0.60	57.24 2.08 -0.42	61.57 2.35 -0.48	68.06 2.62 0.00	86.67 3.81 -0.09	102.23 5.05 0.00	105.77 4.65 0.00	93.48 3.77 0.00	74.78 2.03 0.00	64.52 1.88 0.00	54.84 1.65 0.00	48.29 1.54 0.00
ROSETON___2 23588	45.81 0.85 0.00	41.40 0.93 0.00	36.65 0.93 0.00	33.69 0.95 0.00	32.43 0.88 0.00	34.56 0.91 0.00	34.66 0.88 0.00	34.99 0.99 0.00	35.57 1.20 0.00	38.30 1.37 0.00	43.05 1.57 -0.23	48.03 1.70 -0.35	52.64 1.90 -0.60	57.24 2.08 -0.42	61.57 2.35 -0.48	68.06 2.62 0.00	86.67 3.81 -0.09	102.23 5.05 0.00	105.77 4.65 0.00	93.48 3.77 0.00	74.78 2.03 0.00	64.52 1.88 0.00	54.84 1.65 0.00	48.29 1.54 0.00
ROTTDAM_115KV_TB3 80664	45.90 0.94 0.00	41.36 0.89 0.00	36.58 0.86 0.00	33.60 0.85 0.00	32.36 0.82 0.00	34.49 0.84 0.00	34.60 0.81 0.00	34.78 0.78 0.00	35.09 0.72 0.00	37.56 0.63 0.00	41.67 0.58 0.17	46.37 0.64 0.25	50.41 0.70 0.44	55.35 0.93 0.31	59.51 1.12 0.35	66.74 1.31 0.00	84.62 1.90 0.06	99.90 2.72 0.00	104.05 2.93 0.00	92.23 2.51 0.00	74.49 1.75 0.00	64.15 1.50 0.00	54.36 1.17 0.00	47.83 1.08 0.00
RUSSELL___1 23602	45.36 0.40 0.00	41.16 0.69 0.00	35.90 0.18 0.00	32.45 -0.29 0.00	31.20 -0.35 0.00	33.32 -0.34 0.00	33.48 -0.30 0.00	33.46 -0.54 0.00	33.85 -0.52 0.00	36.56 -0.37 0.00	41.09 -0.17 0.00	46.02 0.05 0.00	50.04 -0.10 0.00	54.73 0.00 0.00	58.03 -0.70 0.00	64.91 -0.52 0.00	80.95 -1.82 0.00	94.16 -3.01 0.00	98.39 -2.73 0.00	87.20 -2.51 0.00	72.02 -0.73 0.00	61.64 -1.00 0.00	52.66 -0.53 0.00	46.57 -0.19 0.00
RUSSELL___2 23532	45.36 0.40 0.00	41.16 0.69 0.00	35.90 0.18 0.00	32.45 -0.29 0.00	31.20 -0.35 0.00	33.32 -0.34 0.00	33.48 -0.30 0.00	33.46 -0.54 0.00	33.85 -0.52 0.00	36.56 -0.37 0.00	41.09 -0.17 0.00	46.02 0.05 0.00	50.04 -0.10 0.00	54.73 0.00 0.00	58.03 -0.70 0.00	64.91 -0.52 0.00	80.95 -1.82 0.00	94.16 -3.01 0.00	98.39 -2.73 0.00	87.20 -2.51 0.00	72.02 -0.73 0.00	61.64 -1.00 0.00	52.66 -0.53 0.00	46.57 -0.19 0.00
RUSSELL___3 23549	45.36 0.40 0.00	41.16 0.69 0.00	35.90 0.18 0.00	32.45 -0.29 0.00	31.20 -0.35 0.00	33.32 -0.34 0.00	33.48 -0.30 0.00	33.46 -0.54 0.00	33.85 -0.52 0.00	36.56 -0.37 0.00	41.09 -0.17 0.00	46.02 0.05 0.00	50.04 -0.10 0.00	54.73 0.00 0.00	58.03 -0.70 0.00	64.91 -0.52 0.00	80.95 -1.82 0.00	94.16 -3.01 0.00	98.39 -2.73 0.00	87.20 -2.51 0.00	72.02 -0.73 0.00	61.64 -1.00 0.00	52.66 -0.53 0.00	46.57 -0.19 0.00
RUSSELL___4 23556	45.36 0.40 0.00	41.16 0.69 0.00	35.90 0.18 0.00	32.45 -0.29 0.00	31.20 -0.35 0.00	33.32 -0.34 0.00	33.48 -0.30 0.00	33.46 -0.54 0.00	33.85 -0.52 0.00	36.56 -0.37 0.00	41.09 -0.17 0.00	46.02 0.05 0.00	50.04 -0.10 0.00	54.73 0.00 0.00	58.03 -0.70 0.00	64.91 -0.52 0.00	80.95 -1.82 0.00	94.16 -3.01 0.00	98.39 -2.73 0.00	87.20 -2.51 0.00	72.02 -0.73 0.00	61.64 -1.00 0.00	52.66 -0.53 0.00	46.57 -0.19 0.00
RUSSELL___STATION 23914	45.36 0.40 0.00	41.16 0.69 0.00	35.90 0.18 0.00	32.45 -0.29 0.00	31.20 -0.35 0.00	33.32 -0.34 0.00	33.48 -0.30 0.00	33.46 -0.54 0.00	33.85 -0.52 0.00	36.56 -0.37 0.00	41.09 -0.17 0.00	46.02 0.05 0.00	50.04 -0.10 0.00	54.73 0.00 0.00	58.03 -0.70 0.00	64.91 -0.52 0.00	80.95 -1.82 0.00	94.16 -3.01 0.00	98.39 -2.73 0.00	87.20 -2.51 0.00	72.02 -0.73 0.00	61.64 -1.00 0.00	52.66 -0.53 0.00	46.57 -0.19 0.00
S SALMON___HYD 24043	45.36 0.40 0.00	40.76 0.29 0.00	35.86 0.14 0.00	32.78 0.03 0.00	31.48 -0.06 0.00	33.62 -0.03 0.00	33.72 -0.07 0.00	33.87 -0.14 0.00	34.16 -0.20 0.00	36.75 -0.18 0.00	41.05 -0.21 0.00	45.79 -0.18 0.00	50.04 -0.10 0.00	54.62 -0.11 0.00	58.44 -0.29 0.00	65.18 -0.26 0.00	82.11 -0.67 0.00	96.40 -0.78 0.00	100.92 -0.20 0.00	89.99 0.27 0.00	73.98 0.37 -0.86	65.29 0.38 -2.27	53.52 0.32 -0.01	46.85 0.09 0.00
S.PERRY__115KV_TB1 80734	46.85 1.89 0.00	42.41 1.94 0.00	36.93 1.21 0.00	33.30 0.56 0.00	32.05 0.50 0.00	34.26 0.61 0.00	34.36 0.57 0.00	33.97 -0.03 0.00	33.99 -0.38 0.00	36.52 -0.41 0.00	40.76 -0.50 0.00	45.47 -0.51 0.00	49.49 -0.65 0.00	52.49 -2.24 0.00	55.80 -2.94 0.00	62.56 -2.88 0.00	78.06 -4.72 0.00	91.74 -5.44 0.00	96.87 -4.25 0.00	86.76 -2.96 0.00	71.87 -0.87 0.00	61.52 -1.13 0.00	52.50 -0.69 0.00	47.83 1.08 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	44.60 -0.36 0.00	40.84 0.36 0.00	35.40 -0.32 0.00	31.83 -0.92 0.00	30.63 -0.91 0.00	32.61 -1.04 0.00	32.87 -0.91 0.00	32.50 -1.50 0.00	32.82 -1.55 0.00	35.49 -1.44 0.00	39.94 -1.32 0.00	44.64 -1.33 0.00	48.13 -2.01 0.00	52.76 -1.97 0.00	55.68 -3.05 0.00	62.56 -2.88 0.00	77.06 -5.71 0.00	89.50 -7.68 0.00	93.54 -7.58 0.00	83.08 -6.64 0.00	69.18 -3.56 0.00	58.83 -3.82 0.00	50.80 -2.39 0.00	45.49 -1.26 0.00

SAWYER___23_KV_LOAD 55526	44.60 -0.36 0.00	40.84 0.36 0.00	35.40 -0.32 0.00	31.83 -0.92 0.00	30.63 -0.91 0.00	32.61 -1.04 0.00	32.87 -0.91 0.00	32.50 -1.50 0.00	32.82 -1.55 0.00	35.49 -1.44 0.00	39.94 -1.32 0.00	44.64 -1.33 0.00	48.13 -2.01 0.00	52.76 -1.97 0.00	55.68 -3.05 0.00	62.56 -2.88 0.00	77.06 -5.71 0.00	89.50 -7.68 0.00	93.54 -7.58 0.00	83.08 -6.64 0.00	69.18 -3.56 0.00	58.83 -3.82 0.00	50.80 -2.39 0.00	45.49 -1.26 0.00
SELKIRK___I 23801	45.45 0.50 0.00	41.04 0.57 0.00	36.33 0.61 0.00	33.43 0.69 0.00	32.24 0.69 0.00	34.33 0.67 0.00	34.39 0.61 0.00	34.54 0.54 0.00	34.78 0.41 0.00	37.19 0.26 0.00	41.30 0.17 0.12	45.89 0.09 0.18	49.63 -0.20 0.31	53.47 -1.04 0.22	57.49 -1.00 0.25	64.39 -1.05 0.00	81.65 -1.08 0.05	94.86 -0.88 1.45	97.73 -0.91 2.48	88.73 -0.98 0.00	71.73 -1.02 0.00	61.83 -0.82 0.00	52.45 -0.74 0.00	47.08 0.33 0.00
SELKIRK___II 23799	45.09 0.14 0.00	40.67 0.20 0.00	36.04 0.32 0.00	33.20 0.46 0.00	32.02 0.47 0.00	34.09 0.44 0.00	34.16 0.37 0.00	34.38 0.37 0.00	34.75 0.38 0.00	37.23 0.29 0.00	41.32 0.21 0.14	45.95 0.18 0.21	49.47 -0.30 0.37	54.20 -0.27 0.26	58.21 -0.23 0.29	65.18 -0.26 0.00	82.56 -0.17 0.05	92.04 0.10 5.23	92.04 -0.10 8.98	89.45 -0.27 0.00	72.24 -0.51 0.00	62.27 -0.37 0.00	52.87 -0.32 0.00	46.66 -0.09 0.00
SENECA OSWGO___HYD 24041	44.37 -0.59 0.00	39.99 -0.48 0.00	35.19 -0.53 0.00	32.16 -0.59 0.00	30.94 -0.60 0.00	33.05 -0.60 0.00	33.11 -0.68 0.00	33.25 -0.75 0.00	33.64 -0.72 0.00	36.19 -0.74 0.00	40.47 -0.79 0.00	45.20 -0.78 0.00	49.34 -0.80 0.00	53.85 -0.88 0.00	57.68 -1.06 0.00	64.26 -1.18 0.00	81.03 -1.74 0.00	95.13 -2.05 0.00	99.20 -1.92 0.00	88.10 -1.61 0.00	71.58 -1.17 0.00	61.58 -1.07 0.00	52.34 -0.85 0.00	46.00 -0.75 0.00
SENECA___115KV_TB3 355854	45.05 0.09 0.00	41.16 0.69 0.00	35.65 -0.07 0.00	32.12 -0.62 0.00	30.91 -0.63 0.00	32.91 -0.74 0.00	33.18 -0.61 0.00	32.81 -1.19 0.00	33.16 -1.20 0.00	35.86 -1.07 0.00	40.35 -0.91 0.00	45.15 -0.83 0.00	48.74 -1.40 0.00	53.42 -1.31 0.00	56.39 -2.35 0.00	63.41 -2.03 0.00	78.06 -4.72 0.00	90.86 -6.32 0.00	94.95 -6.17 0.00	84.24 -5.47 0.00	70.13 -2.62 0.00	59.64 -3.01 0.00	51.38 -1.81 0.00	45.96 -0.79 0.00
SENECA___ENERGY 23797	45.09 0.14 0.00	40.67 0.20 0.00	35.68 -0.04 0.00	32.45 -0.30 0.00	31.23 -0.32 0.00	33.38 -0.27 0.00	33.45 -0.34 0.00	33.52 -0.48 0.00	33.89 -0.48 0.00	36.53 -0.41 0.00	40.88 -0.37 0.00	45.75 -0.23 0.00	49.84 -0.30 0.00	54.46 -0.27 0.00	58.33 -0.41 0.00	64.91 -0.53 0.00	81.70 -1.08 0.00	95.72 -1.45 0.00	99.80 -1.32 0.00	88.82 -0.90 0.00	72.60 -0.15 0.00	62.34 -0.31 0.00	52.87 -0.32 0.00	46.66 -0.09 0.00
SHOEMAKER___GT 23640	45.77 0.81 0.00	41.32 0.85 0.00	36.58 0.86 0.00	33.59 0.85 0.00	32.33 0.79 0.00	34.46 0.81 0.00	34.56 0.78 0.00	34.85 0.85 0.00	35.36 1.00 0.00	38.04 1.11 0.00	42.74 1.28 -0.21	47.67 1.38 -0.32	52.28 1.60 -0.54	56.98 1.86 -0.38	61.28 2.11 -0.43	67.79 2.35 0.00	86.33 3.48 -0.08	101.84 4.66 0.00	105.56 4.44 0.00	93.40 3.68 0.00	74.93 2.18 0.00	64.59 1.94 0.00	54.84 1.65 0.00	48.20 1.45 0.00
SHOEMAKR_138KV_BK 111 55601	45.77 0.81 0.00	41.32 0.85 0.00	36.54 0.82 0.00	33.56 0.82 0.00	32.30 0.76 0.00	34.43 0.77 0.00	34.56 0.78 0.00	34.85 0.85 0.00	35.40 1.03 0.00	38.08 1.14 0.00	42.78 1.32 -0.20	47.76 1.47 -0.31	52.33 1.65 -0.53	57.02 1.92 -0.38	61.33 2.17 -0.42	67.86 2.42 0.00	86.33 3.48 -0.08	101.84 4.66 0.00	105.57 4.45 0.00	93.31 3.59 0.00	74.93 2.18 0.00	64.59 1.94 0.00	54.79 1.60 0.00	48.20 1.45 0.00
SHOREHAM_IC_1 23715	45.99 1.03 0.00	42.78 2.31 -0.01	37.61 1.89 0.00	34.22 1.47 0.00	32.84 1.29 0.00	35.13 1.48 0.00	34.77 0.98 0.00	35.33 1.32 0.00	36.39 2.03 0.00	39.44 2.51 0.00	44.81 3.01 -0.54	49.37 2.99 -0.40	53.39 2.61 -0.65	57.66 2.47 -0.46	62.83 3.58 -0.51	69.36 3.93 0.00	90.62 5.88 -1.97	105.74 8.36 -0.20	108.05 7.89 0.97	95.46 5.75 0.01	75.51 2.76 0.00	64.46 1.82 0.00	53.69 2.45 1.95	48.34 1.59 0.00
SHOREHAM_IC_2 23716	46.26 1.30 0.00	42.78 2.31 0.00	37.58 1.86 0.00	34.15 1.41 0.00	32.84 1.29 0.00	35.10 1.45 0.00	34.93 1.15 0.00	35.33 1.33 0.00	36.40 2.03 0.00	39.44 2.51 0.00	44.81 3.01 -0.54	49.41 3.03 -0.40	53.44 2.66 -0.65	57.66 2.46 -0.46	63.01 3.76 -0.51	69.42 3.99 0.00	90.62 5.88 -1.97	105.74 8.36 -0.20	107.94 7.79 0.97	95.63 5.92 0.01	75.72 2.98 0.00	64.78 2.13 0.00	53.68 2.45 1.95	49.32 2.57 0.00
SISSONVILLE____ 23735	46.17 1.21 0.00	40.92 0.45 0.00	36.01 0.29 0.00	32.94 0.20 0.00	31.70 0.16 0.00	33.85 0.20 0.00	34.39 0.61 0.00	34.61 0.61 0.00	34.95 0.58 0.00	37.52 0.59 0.00	41.88 0.62 0.00	46.58 0.60 0.00	50.89 0.75 0.00	55.22 0.49 0.00	59.27 0.53 0.00	66.16 0.72 0.00	83.85 1.08 0.00	97.18 0.00 0.00	101.52 0.40 0.00	91.33 1.61 0.00	83.78 2.18 -8.85	87.78 1.94 -23.19	54.80 1.54 -0.07	47.27 0.51 0.00
SITHE_IND_GS1 24169	43.65 -1.31 0.00	39.34 -1.13 0.00	34.65 -1.07 0.00	31.69 -1.05 0.00	30.50 -1.04 0.00	32.57 -1.08 0.00	32.64 -1.15 0.00	32.81 -1.19 0.00	33.16 -1.20 0.00	35.68 -1.26 0.00	39.90 -1.36 0.00	44.50 -1.47 0.00	48.53 -1.61 0.00	52.98 -1.75 0.00	56.80 -1.94 0.00	63.21 -2.23 0.00	79.80 -2.98 0.00	93.68 -3.49 0.00	97.58 -3.54 0.00	86.67 -3.05 0.00	70.42 -2.33 0.00	60.58 -2.07 0.00	51.49 -1.70 0.00	45.30 -1.45 0.00
SITHE_IND_GS2 24170	43.65 -1.31 0.00	39.34 -1.13 0.00	34.65 -1.07 0.00	31.69 -1.05 0.00	30.50 -1.04 0.00	32.57 -1.08 0.00	32.64 -1.15 0.00	32.81 -1.19 0.00	33.16 -1.20 0.00	35.68 -1.26 0.00	39.90 -1.36 0.00	44.50 -1.47 0.00	48.53 -1.61 0.00	52.98 -1.75 0.00	56.80 -1.94 0.00	63.21 -2.23 0.00	79.80 -2.98 0.00	93.68 -3.49 0.00	97.58 -3.54 0.00	86.67 -3.05 0.00	70.42 -2.33 0.00	60.58 -2.07 0.00	51.49 -1.70 0.00	45.30 -1.45 0.00
SITHE_IND_GS3 24171	43.65 -1.31 0.00	39.34 -1.13 0.00	34.65 -1.07 0.00	31.69 -1.05 0.00	30.50 -1.04 0.00	32.57 -1.08 0.00	32.64 -1.15 0.00	32.81 -1.19 0.00	33.16 -1.20 0.00	35.68 -1.26 0.00	39.90 -1.36 0.00	44.50 -1.47 0.00	48.53 -1.61 0.00	52.98 -1.75 0.00	56.80 -1.94 0.00	63.21 -2.23 0.00	79.80 -2.98 0.00	93.68 -3.49 0.00	97.58 -3.54 0.00	86.67 -3.05 0.00	70.42 -2.33 0.00	60.58 -2.07 0.00	51.49 -1.70 0.00	45.30 -1.45 0.00
SITHE_IND_GS4 24172	43.65 -1.31 0.00	39.34 -1.13 0.00	34.65 -1.07 0.00	31.69 -1.05 0.00	30.50 -1.04 0.00	32.57 -1.08 0.00	32.64 -1.15 0.00	32.81 -1.19 0.00	33.16 -1.20 0.00	35.68 -1.26 0.00	39.90 -1.36 0.00	44.50 -1.47 0.00	48.53 -1.61 0.00	52.98 -1.75 0.00	56.80 -1.94 0.00	63.21 -2.23 0.00	79.80 -2.98 0.00	93.68 -3.49 0.00	97.58 -3.54 0.00	86.67 -3.05 0.00	70.42 -2.33 0.00	60.58 -2.07 0.00	51.49 -1.70 0.00	45.30 -1.45 0.00

SITHE___BATAVIA 24024	45.54 0.58 0.00	41.48 1.01 0.00	36.22 0.50 0.00	32.25 -0.49 0.00	31.10 -0.44 0.00	33.21 -0.44 0.00	33.48 -0.30 0.00	33.15 -0.85 0.00	33.41 -0.96 0.00	36.12 -0.81 0.00	40.55 -0.70 0.00	45.56 -0.41 0.00	49.24 -0.90 0.00	53.96 -0.77 0.00	57.33 -1.41 0.00	63.47 -1.96 0.00	79.14 -3.64 0.00	91.93 -5.25 0.00	96.47 -4.65 0.00	85.68 -4.04 0.00	71.44 -1.31 0.00	60.96 -1.69 0.00	52.13 -1.06 0.00	46.75 0.00 0.00
SITHE___INDEPEND 23800	43.61 -1.35 0.00	39.34 -1.13 0.00	34.65 -1.07 0.00	31.70 -1.05 0.00	30.50 -1.04 0.00	32.58 -1.08 0.00	32.64 -1.15 0.00	32.81 -1.19 0.00	33.16 -1.20 0.00	35.68 -1.26 0.00	39.90 -1.36 0.00	44.51 -1.47 0.00	48.53 -1.60 0.00	52.98 -1.75 0.00	56.74 -2.00 0.00	63.28 -2.16 0.00	79.80 -2.98 0.00	93.68 -3.50 0.00	97.58 -3.54 0.00	86.67 -3.05 0.00	70.42 -2.33 0.00	60.58 -2.07 0.00	51.43 -1.76 0.00	45.26 -1.50 0.00
SITHE___MASSENA 23902	45.95 0.99 0.00	40.88 0.40 0.00	35.97 0.25 0.00	32.94 0.20 0.00	31.73 0.19 0.00	33.89 0.24 0.00	34.36 0.57 0.00	34.58 0.58 0.00	34.95 0.58 0.00	37.52 0.59 0.00	41.91 0.66 0.00	46.62 0.64 0.00	50.89 0.75 0.00	55.28 0.55 0.00	59.32 0.59 0.00	66.09 0.65 0.00	83.85 1.07 0.00	97.18 0.00 0.00	101.32 0.20 0.00	90.71 0.99 0.00	87.23 1.60 -12.88	97.83 1.44 -33.74	54.51 1.22 -0.10	47.27 0.52 0.00
SITHE___OGDNSBRG 24021	46.94 1.98 0.00	41.64 1.17 0.00	36.61 0.89 0.00	33.50 0.75 0.00	32.21 0.66 0.00	34.39 0.74 0.00	34.93 1.15 0.00	35.05 1.05 0.00	35.30 0.93 0.00	37.78 0.85 0.00	42.12 0.87 0.00	46.85 0.87 0.00	51.14 1.00 0.00	55.50 0.77 0.00	59.56 0.82 0.00	66.48 1.05 0.00	84.43 1.66 0.00	97.95 0.78 0.00	102.74 1.62 0.00	92.77 3.05 0.00	86.65 3.49 -10.42	93.00 3.07 -27.29	55.72 2.45 -0.08	48.06 1.31 0.00
SITHE___STERLING 23777	46.26 1.30 0.00	41.56 1.09 0.00	36.61 0.89 0.00	33.50 0.75 0.00	32.17 0.63 0.00	34.33 0.67 0.00	34.43 0.64 0.00	34.58 0.58 0.00	34.92 0.55 0.00	37.56 0.63 0.00	42.00 0.74 0.00	46.85 0.87 0.00	51.24 1.10 0.00	56.04 1.31 0.00	60.21 1.47 0.00	67.07 1.64 0.00	84.59 1.82 0.00	99.51 2.33 0.00	103.95 2.83 0.00	92.59 2.87 0.00	75.57 2.33 -0.49	65.81 1.88 -1.29	54.57 1.38 0.00	47.83 1.08 0.00
SLEIGHT__34_KV_TB1 80719	44.87 -0.09 0.00	40.59 0.12 0.00	35.51 -0.21 0.00	32.19 -0.56 0.00	30.98 -0.57 0.00	33.11 -0.54 0.00	33.21 -0.57 0.00	33.25 -0.75 0.00	33.65 -0.72 0.00	36.30 -0.63 0.00	40.72 -0.54 0.00	45.52 -0.46 0.00	49.64 -0.50 0.00	54.24 -0.49 0.00	57.80 -0.94 0.00	64.52 -0.92 0.00	80.87 -1.90 0.00	94.55 -2.62 0.00	98.69 -2.43 0.00	87.56 -2.15 0.00	71.80 -0.95 0.00	61.52 -1.13 0.00	52.39 -0.80 0.00	46.14 -0.61 0.00
SMITHTWN_69_KV_BK 1 55830	46.76 1.80 0.00	43.18 2.71 0.00	37.97 2.25 0.00	34.51 1.77 0.00	33.22 1.67 0.00	35.50 1.85 0.00	35.37 1.59 0.00	35.77 1.77 0.00	36.84 2.47 0.00	39.92 2.99 0.00	45.35 3.55 -0.54	49.92 3.54 -0.40	54.10 3.31 -0.65	58.42 3.23 -0.46	63.77 4.52 -0.51	70.08 4.65 0.00	91.43 6.62 -2.04	106.46 9.04 -0.24	108.55 8.39 0.96	96.17 6.46 0.00	76.31 3.56 0.00	65.53 2.88 0.00	54.39 3.09 1.88	49.84 3.09 0.00
SOUTH CAIRO___GT 23612	46.85 1.89 0.00	42.17 1.70 0.00	37.22 1.50 0.00	34.22 1.47 0.00	32.96 1.42 0.00	35.13 1.48 0.00	35.17 1.39 0.00	35.16 1.16 0.00	35.30 0.93 0.00	37.60 0.66 0.00	42.08 0.91 0.08	46.82 0.97 0.12	50.78 0.85 0.21	55.73 1.15 0.15	60.03 1.47 0.17	66.68 1.24 0.00	85.89 3.15 0.03	100.20 4.86 1.84	103.53 5.56 3.16	93.84 4.13 0.00	75.87 3.13 0.00	65.22 2.57 0.00	55.05 1.86 0.00	48.39 1.64 0.00
SOUTH HAMPTN___IC 23720	46.98 2.02 0.00	43.64 3.16 -0.01	38.33 2.61 0.00	34.87 2.13 0.00	33.44 1.89 0.00	35.77 2.12 0.00	35.37 1.59 0.00	35.94 1.94 0.00	37.05 2.68 0.00	40.22 3.29 0.00	45.80 4.00 -0.54	50.52 4.14 -0.40	54.65 3.86 -0.65	58.97 3.77 -0.46	64.24 4.99 -0.51	70.86 5.43 0.00	92.50 7.78 -1.94	108.06 10.69 -0.20	110.26 10.11 0.97	97.33 7.62 0.01	76.81 4.07 0.00	65.53 2.88 0.00	54.41 3.19 1.98	49.09 2.34 0.00
SOUTHDOW_115KV_TB1 355954	46.22 1.26 0.00	42.01 1.54 0.00	36.33 0.61 0.00	32.68 -0.07 0.00	31.58 0.03 0.00	33.69 0.03 0.00	33.85 0.07 0.00	33.56 -0.44 0.00	34.02 -0.34 0.00	36.89 -0.04 0.00	41.55 0.29 0.00	46.58 0.60 0.00	50.29 0.15 0.00	55.22 0.49 0.00	58.27 -0.47 0.00	65.57 0.13 0.00	80.79 -1.99 0.00	94.46 -2.72 0.00	98.59 -2.53 0.00	87.11 -2.60 0.00	72.46 -0.29 0.00	61.83 -0.81 0.00	52.98 -0.21 0.00	47.13 0.37 0.00
SOUTHOLD_69_KV_BK 2 55809	48.38 3.42 0.00	44.60 4.13 0.00	39.11 3.39 0.00	35.46 2.72 0.00	34.07 2.52 0.00	36.45 2.79 0.00	36.12 2.33 0.00	36.48 2.48 0.00	37.70 3.33 0.00	40.99 4.06 0.00	46.71 4.91 -0.54	51.62 5.24 -0.40	55.75 4.96 -0.65	60.06 4.87 -0.46	65.65 6.40 -0.51	72.11 6.67 0.00	94.16 9.44 -1.94	110.01 12.63 -0.20	112.19 12.03 0.97	98.95 9.24 0.01	78.05 5.31 0.00	66.59 3.95 0.00	54.89 3.67 1.97	50.73 3.97 0.00
SOUTHOLD___IC 23719	48.06 3.10 0.00	44.61 4.13 -0.01	39.15 3.43 0.00	35.53 2.78 0.00	34.07 2.52 0.00	36.44 2.79 0.00	35.95 2.16 0.00	36.48 2.48 0.00	37.70 3.33 0.00	40.99 4.06 0.00	46.70 4.91 -0.54	51.57 5.19 -0.40	55.70 4.92 -0.65	60.06 4.87 -0.46	65.42 6.17 -0.51	72.04 6.61 0.00	94.15 9.43 -1.94	110.00 12.63 -0.20	112.18 12.03 0.97	98.77 9.06 0.01	77.83 5.09 0.00	66.28 3.63 0.00	54.88 3.67 1.97	49.75 2.99 0.00
SOUTH_FORK_WT_PWR 323839	48.24 3.28 0.00	44.77 4.29 -0.01	39.26 3.54 0.00	35.63 2.88 0.00	34.13 2.59 0.00	36.51 2.86 0.00	35.95 2.16 0.00	36.48 2.48 0.00	37.67 3.30 0.00	40.96 4.03 0.00	46.66 4.87 -0.54	51.44 5.06 -0.40	55.45 4.66 -0.65	59.68 4.49 -0.46	64.95 5.70 -0.51	71.39 5.95 0.00	93.33 8.61 -1.94	109.13 11.75 -0.20	111.28 11.12 0.97	97.87 8.16 0.01	77.03 4.29 0.00	65.59 2.95 0.00	54.30 3.08 1.98	49.41 2.66 0.00
SPIERFLS_115KV_TB 1 80737	46.94 1.98 0.00	42.21 1.74 0.00	37.40 1.68 0.00	34.18 1.44 0.00	33.00 1.45 0.00	35.23 1.58 0.00	35.31 1.52 0.00	35.36 1.36 0.00	35.78 1.41 0.00	38.08 1.14 0.00	41.66 0.62 0.21	46.52 0.87 0.33	50.53 0.95 0.56	55.76 1.42 0.39	59.94 1.64 0.44	67.79 2.36 0.00	86.00 3.31 0.08	101.74 4.57 0.00	106.99 5.86 0.00	94.92 5.20 0.00	76.53 3.78 0.00	65.72 3.07 0.00	55.48 2.29 0.00	48.72 1.96 0.00
ST LAWRENCE____ 23600	45.14 0.18 0.00	40.39 -0.08 0.00	35.58 -0.14 0.00	32.58 -0.16 0.00	31.39 -0.16 0.00	33.52 -0.13 0.00	33.82 0.03 0.00	34.07 0.07 0.00	34.44 0.07 0.00	37.01 0.07 0.00	41.34 0.08 0.00	45.98 0.00 0.00	50.14 0.00 0.00	54.51 -0.22 0.00	58.50 -0.23 0.00	65.24 -0.20 0.00	82.61 -0.17 0.00	96.40 -0.78 0.00	100.42 -0.70 0.00	89.45 -0.27 0.00	71.96 0.37 1.15	60.04 0.31 2.93	53.45 0.27 0.01	46.71 -0.05 0.00

STATE_CA_115KV_115_LB 55624	45.18 0.22 0.00	40.71 0.24 0.00	36.01 0.29 0.00	33.17 0.43 0.00	32.05 0.50 0.00	34.09 0.44 0.00	34.19 0.41 0.00	34.37 0.37 0.00	34.78 0.41 0.00	37.23 0.30 0.00	41.20 0.12 0.18	45.89 0.18 0.27	49.68 0.00 0.46	54.69 0.33 0.37	58.85 0.53 0.41	66.03 0.59 0.00	83.69 0.99 0.08	98.73 1.55 0.00	102.54 1.42 0.00	90.79 1.08 0.00	73.11 0.36 0.00	63.02 0.38 0.00	53.40 0.21 0.00	47.13 0.37 0.00
STATE_ST_34_KV_LOAD 55959	45.23 0.27 0.00	40.75 0.28 0.00	35.79 0.07 0.00	32.65 -0.10 0.00	31.42 -0.13 0.00	33.55 -0.10 0.00	33.65 -0.14 0.00	33.76 -0.24 0.00	34.13 -0.24 0.00	36.71 -0.22 0.00	41.09 -0.17 0.00	45.89 -0.09 0.00	50.14 0.00 0.00	54.79 0.05 0.00	58.68 -0.06 0.00	65.44 0.00 0.00	82.53 -0.25 0.00	96.89 -0.29 0.00	101.02 -0.10 0.00	89.81 0.09 0.00	73.18 0.44 0.00	62.83 0.19 0.00	53.30 0.11 0.00	46.80 0.05 0.00
STATION_5_MISC_HYD 23604	45.14 0.18 0.00	40.92 0.45 0.00	35.68 -0.04 0.00	32.22 -0.53 0.00	31.07 -0.47 0.00	33.15 -0.50 0.00	33.21 -0.57 0.00	33.29 -0.72 0.00	33.64 -0.72 0.00	36.38 -0.55 0.00	40.80 -0.45 0.00	45.79 -0.18 0.00	49.74 -0.40 0.00	54.40 -0.33 0.00	57.91 -0.82 0.00	64.26 -1.18 0.00	80.46 -2.32 0.00	93.48 -3.69 0.00	97.79 -3.33 0.00	86.76 -2.96 0.00	71.66 -1.09 0.00	61.27 -1.38 0.00	52.29 -0.90 0.00	46.33 -0.42 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.09 0.13 0.00	40.79 0.32 0.00	35.68 -0.04 0.00	32.35 -0.39 0.00	31.13 -0.41 0.00	33.25 -0.40 0.00	33.38 -0.41 0.00	33.42 -0.58 0.00	33.78 -0.58 0.00	36.45 -0.48 0.00	40.89 -0.37 0.00	45.70 -0.28 0.00	49.74 -0.40 0.00	54.35 -0.38 0.00	57.91 -0.82 0.00	64.65 -0.79 0.00	81.04 -1.74 0.00	94.65 -2.53 0.00	98.79 -2.33 0.00	87.74 -1.97 0.00	72.02 -0.73 0.00	61.71 -0.94 0.00	52.55 -0.64 0.00	46.33 -0.42 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	44.82 -0.13 0.00	40.67 0.20 0.00	35.51 -0.21 0.00	32.12 -0.62 0.00	30.91 -0.63 0.00	33.01 -0.64 0.00	33.14 -0.64 0.00	33.15 -0.85 0.00	33.51 -0.86 0.00	36.23 -0.70 0.00	40.64 -0.62 0.00	45.52 -0.46 0.00	49.49 -0.65 0.00	54.07 -0.66 0.00	57.44 -1.29 0.00	64.19 -1.24 0.00	80.21 -2.57 0.00	93.39 -3.79 0.00	97.68 -3.44 0.00	86.58 -3.14 0.00	71.29 -1.45 0.00	60.96 -1.69 0.00	52.07 -1.12 0.00	46.05 -0.70 0.00
STA_56___34_KV_BUS2 355983	44.82 -0.13 0.00	40.67 0.20 0.00	35.51 -0.21 0.00	32.12 -0.62 0.00	30.91 -0.63 0.00	33.01 -0.64 0.00	33.14 -0.64 0.00	33.15 -0.85 0.00	33.51 -0.86 0.00	36.23 -0.70 0.00	40.64 -0.62 0.00	45.52 -0.46 0.00	49.49 -0.65 0.00	54.07 -0.66 0.00	57.44 -1.29 0.00	64.19 -1.24 0.00	80.21 -2.57 0.00	93.39 -3.79 0.00	97.68 -3.44 0.00	86.58 -3.14 0.00	71.29 -1.45 0.00	60.96 -1.69 0.00	52.07 -1.12 0.00	46.05 -0.70 0.00
STA_67___115KV_BK2 355882	44.96 0.00 0.00	40.84 0.36 0.00	35.65 -0.07 0.00	32.22 -0.52 0.00	31.01 -0.54 0.00	33.08 -0.57 0.00	33.25 -0.54 0.00	33.18 -0.82 0.00	33.54 -0.82 0.00	36.23 -0.70 0.00	40.68 -0.58 0.00	45.52 -0.46 0.00	49.49 -0.65 0.00	54.07 -0.66 0.00	57.39 -1.35 0.00	64.19 -1.24 0.00	80.04 -2.73 0.00	93.29 -3.89 0.00	97.48 -3.64 0.00	86.49 -3.23 0.00	71.29 -1.45 0.00	60.96 -1.69 0.00	52.13 -1.06 0.00	46.14 -0.61 0.00
STA_7___115KV_9TRANS 80674	45.36 0.40 0.00	41.16 0.69 0.00	35.90 0.18 0.00	32.45 -0.29 0.00	31.20 -0.35 0.00	33.32 -0.34 0.00	33.48 -0.30 0.00	33.46 -0.54 0.00	33.85 -0.52 0.00	36.56 -0.37 0.00	41.09 -0.17 0.00	46.02 0.05 0.00	50.04 -0.10 0.00	54.73 0.00 0.00	58.03 -0.70 0.00	64.91 -0.52 0.00	80.95 -1.82 0.00	94.16 -3.01 0.00	98.39 -2.73 0.00	87.20 -2.51 0.00	72.02 -0.73 0.00	61.64 -1.00 0.00	52.66 -0.53 0.00	46.57 -0.19 0.00
STA_82___115KV_TB1 80780	44.96 0.00 0.00	40.84 0.36 0.00	35.65 -0.07 0.00	32.22 -0.52 0.00	31.01 -0.54 0.00	33.08 -0.57 0.00	33.25 -0.54 0.00	33.22 -0.78 0.00	33.58 -0.79 0.00	36.27 -0.66 0.00	40.72 -0.54 0.00	45.52 -0.46 0.00	49.49 -0.65 0.00	54.07 -0.66 0.00	57.39 -1.35 0.00	64.19 -1.24 0.00	80.13 -2.65 0.00	93.29 -3.89 0.00	97.48 -3.64 0.00	86.49 -3.23 0.00	71.29 -1.45 0.00	60.96 -1.69 0.00	52.13 -1.06 0.00	46.19 -0.56 0.00
STEEL___WIND 323596	45.00 0.05 0.00	41.12 0.65 0.00	35.68 -0.04 0.00	31.96 -0.79 0.00	30.82 -0.72 0.00	32.84 -0.81 0.00	33.01 -0.78 0.00	32.78 -1.22 0.00	33.13 -1.24 0.00	35.86 -1.07 0.00	40.27 -0.99 0.00	45.24 -0.74 0.00	48.79 -1.35 0.00	53.47 -1.26 0.00	56.80 -1.94 0.00	62.95 -2.49 0.00	78.06 -4.71 0.00	90.67 -6.51 0.00	94.85 -6.27 0.00	84.15 -5.56 0.00	70.20 -2.55 0.00	59.89 -2.76 0.00	51.33 -1.86 0.00	45.96 -0.80 0.00
STEPHTWN_115KV_BK_2 55603	45.45 0.49 0.00	40.96 0.49 0.00	36.22 0.50 0.00	33.33 0.59 0.00	32.21 0.66 0.00	34.26 0.61 0.00	34.36 0.57 0.00	34.58 0.58 0.00	37.41 0.48 0.00	41.43 0.37 0.19	46.10 0.41 0.30	49.88 0.25 0.51	54.86 0.49 0.36	58.98 0.65 0.40	66.22 0.79 0.00	83.94 1.24 0.07	99.02 1.85 0.00	102.94 1.82 0.00	91.06 1.35 0.00	73.33 0.58 0.00	63.21 0.56 0.00	53.56 0.37 0.00	47.22 0.47 0.00	
STEUBEN_REC_LFGE 323667	46.17 1.21 0.00	41.85 1.38 0.00	36.36 0.64 0.00	32.81 0.07 0.00	31.54 0.00 0.00	33.65 0.00 0.00	33.85 0.07 0.00	33.56 -0.44 0.00	33.78 -0.58 0.00	36.38 -0.55 0.00	40.80 -0.45 0.00	45.56 -0.41 0.00	49.54 -0.60 0.00	54.07 -0.66 0.00	57.50 -1.23 0.00	64.45 -0.98 0.00	80.13 -2.65 0.00	93.87 -3.30 0.00	98.49 -2.63 0.00	88.01 -1.70 0.00	72.67 -0.07 0.00	62.08 -0.56 0.00	52.92 -0.27 0.00	46.89 0.14 0.00
STILLWATER___SOLAR 323814	46.80 1.84 0.00	42.21 1.74 0.00	37.33 1.61 0.00	34.22 1.47 0.00	33.00 1.45 0.00	35.20 1.55 0.00	35.27 1.48 0.00	35.40 1.39 0.00	35.74 1.38 0.00	38.08 1.15 0.00	41.97 0.95 0.24	46.77 1.15 0.36	50.72 1.20 0.62	55.93 1.64 0.44	60.13 1.88 0.49	67.86 2.42 0.00	86.08 3.40 0.09	101.84 4.66 0.00	106.27 5.15 0.00	94.29 4.57 0.00	76.02 3.28 0.00	65.34 2.69 0.00	55.37 2.18 0.00	48.67 1.92 0.00
STONY___BROOK 24151	46.44 1.48 0.00	43.15 2.67 -0.01	37.97 2.25 0.00	34.58 1.83 0.00	33.18 1.64 0.00	35.50 1.85 0.00	35.17 1.39 0.00	35.77 1.77 0.00	36.81 2.44 0.00	39.89 2.96 0.00	45.26 3.47 -0.54	49.83 3.45 -0.40	53.95 3.16 -0.65	58.15 2.95 -0.46	63.36 4.11 -0.51	69.62 4.19 0.00	90.92 6.13 -2.01	105.95 8.55 -0.22	108.14 7.99 0.96	95.54 5.83 0.00	75.73 2.98 0.00	65.03 2.38 0.00	54.26 2.98 1.91	48.81 2.05 0.00
STURGEON_POOL_HYD 23609	45.99 1.03 0.00	41.52 1.05 0.00	36.72 1.00 0.00	33.76 1.02 0.00	32.46 0.91 0.00	34.59 0.94 0.00	34.70 0.91 0.00	35.02 1.02 0.00	35.54 1.17 0.00	38.30 1.37 0.00	43.20 1.82 -0.13	48.24 2.07 -0.19	52.92 2.46 -0.33	57.81 2.85 -0.23	62.23 3.23 -0.26	68.64 3.21 0.00	87.87 5.05 -0.05	103.38 6.61 0.41	106.70 6.27 0.69	94.47 4.75 0.00	75.73 2.98 0.00	65.28 2.63 0.00	55.37 2.18 0.00	48.62 1.87 0.00

ST_LAW_115_BK7_LBMP 345037	45.18 0.23 0.00	40.39 -0.08 0.00	35.58 -0.14 0.00	32.58 -0.16 0.00	31.39 -0.16 0.00	33.52 -0.13 0.00	33.85 0.07 0.00	34.10 0.10 0.00	34.47 0.10 0.00	37.01 0.07 0.00	41.34 0.08 0.00	45.98 0.00 0.00	50.19 0.05 0.00	54.51 -0.22 0.00	58.56 -0.18 0.00	65.24 -0.20 0.00	82.69 -0.08 0.00	96.30 -0.88 0.00	100.31 -0.81 0.00	89.54 -0.18 0.00	71.76 0.44 1.42	59.30 0.38 3.73	53.50 0.32 0.01	46.71 -0.05 0.00
ST_LAW_115_BK8_LBMP 345038	45.18 0.23 0.00	40.39 -0.08 0.00	35.58 -0.14 0.00	32.58 -0.16 0.00	31.39 -0.16 0.00	33.52 -0.13 0.00	33.85 0.07 0.00	34.10 0.10 0.00	34.47 0.10 0.00	37.01 0.07 0.00	41.34 0.08 0.00	45.98 0.00 0.00	50.19 0.05 0.00	54.51 -0.22 0.00	58.56 -0.18 0.00	65.24 -0.20 0.00	82.69 -0.08 0.00	96.30 -0.88 0.00	100.31 -0.81 0.00	89.54 -0.18 0.00	71.76 0.44 1.42	59.30 0.38 3.73	53.50 0.32 0.01	46.71 -0.05 0.00
ST_LAW_230_BK5_LBMP 345035	45.14 0.18 0.00	40.39 -0.08 0.00	35.58 -0.14 0.00	32.58 -0.16 0.00	31.39 -0.16 0.00	33.52 -0.13 0.00	33.82 0.03 0.00	34.07 0.07 0.00	34.44 0.07 0.00	37.01 0.07 0.00	41.34 0.08 0.00	45.98 0.00 0.00	50.14 0.00 0.00	54.51 -0.22 0.00	58.50 -0.23 0.00	65.24 -0.20 0.00	82.61 -0.17 0.00	96.40 -0.78 0.00	100.42 -0.70 0.00	89.45 -0.27 0.00	72.19 0.37 0.92	60.54 0.31 2.42	53.45 0.27 0.01	46.71 -0.05 0.00
ST_LAW_230_BK6_LBMP 345036	45.14 0.18 0.00	40.39 -0.08 0.00	35.58 -0.14 0.00	32.58 -0.16 0.00	31.39 -0.16 0.00	33.52 -0.13 0.00	33.82 0.03 0.00	34.07 0.07 0.00	34.44 0.07 0.00	37.01 0.07 0.00	41.34 0.08 0.00	45.98 0.00 0.00	50.14 0.00 0.00	54.51 -0.22 0.00	58.50 -0.23 0.00	65.24 -0.20 0.00	82.61 -0.17 0.00	96.40 -0.78 0.00	100.42 -0.70 0.00	89.45 -0.27 0.00	72.19 0.37 0.92	60.54 0.31 2.42	53.45 0.27 0.01	46.71 -0.05 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.86 0.90 0.00	41.40 0.93 0.00	36.65 0.93 0.00	33.66 0.92 0.00	32.40 0.85 0.00	34.53 0.87 0.00	34.66 0.88 0.00	34.95 0.95 0.00	35.57 1.20 0.00	38.26 1.33 0.00	43.04 1.57 -0.22	48.10 1.79 -0.33	52.71 2.01 -0.56	57.43 2.30 -0.40	61.83 2.64 -0.45	68.32 2.88 0.00	87.00 4.14 -0.08	102.62 5.44 0.00	106.18 5.06 0.00	93.75 4.04 0.00	75.15 2.40 0.00	64.84 2.19 0.00	55.00 1.81 0.00	48.44 1.68 0.00
SWANROAD_115KV_TB1 355699	43.70 -1.26 0.00	40.03 -0.45 0.00	34.68 -1.04 0.00	31.66 -1.08 0.00	30.44 -1.10 0.00	32.41 -1.25 0.00	32.64 -1.15 0.00	31.82 -2.18 0.00	32.13 -2.23 0.00	34.72 -2.22 0.00	39.07 -2.19 0.00	43.68 -2.30 0.00	47.03 -3.11 0.00	51.56 -3.17 0.00	54.33 -4.41 0.00	60.99 -4.45 0.00	75.08 -7.70 0.00	87.07 -10.11 0.00	91.11 -10.01 0.00	80.92 -8.79 0.00	67.51 -5.24 0.00	57.45 -5.20 0.00	49.68 -3.51 0.00	44.98 -1.78 0.00
SYNERGY___BIOGAS 323694	45.50 0.54 0.00	41.48 1.01 0.00	36.01 0.29 0.00	32.55 -0.20 0.00	31.32 -0.22 0.00	33.45 -0.20 0.00	33.62 -0.17 0.00	33.15 -0.85 0.00	33.41 -0.96 0.00	36.08 -0.85 0.00	40.56 -0.70 0.00	45.38 -0.60 0.00	49.14 -1.00 0.00	53.86 -0.88 0.00	56.86 -1.88 0.00	63.73 -1.70 0.00	79.05 -3.72 0.00	91.93 -5.25 0.00	96.47 -4.65 0.00	85.68 -4.04 0.00	71.29 -1.45 0.00	60.70 -1.94 0.00	52.13 -1.06 0.00	46.66 -0.09 0.00
SYRACUSE___ENERGY_ST1 323597	44.87 -0.09 0.00	40.43 -0.04 0.00	35.58 -0.14 0.00	32.48 -0.26 0.00	31.26 -0.28 0.00	33.38 -0.27 0.00	33.48 -0.30 0.00	33.63 -0.37 0.00	34.02 -0.34 0.00	36.60 -0.33 0.00	40.97 -0.29 0.00	45.70 -0.28 0.00	49.94 -0.20 0.00	54.57 -0.16 0.00	58.44 -0.29 0.00	65.11 -0.33 0.00	82.11 -0.66 0.00	96.40 -0.78 0.00	100.41 -0.71 0.00	89.18 -0.54 0.00	72.46 -0.29 0.00	62.27 -0.38 0.00	52.87 -0.32 0.00	46.47 -0.28 0.00
SYRACUSE___ENERGY_ST2 323598	44.87 -0.09 0.00	40.43 -0.04 0.00	35.58 -0.14 0.00	32.48 -0.26 0.00	31.26 -0.28 0.00	33.38 -0.27 0.00	33.48 -0.30 0.00	33.63 -0.37 0.00	34.02 -0.34 0.00	36.60 -0.33 0.00	40.97 -0.29 0.00	45.70 -0.28 0.00	49.94 -0.20 0.00	54.57 -0.16 0.00	58.44 -0.29 0.00	65.11 -0.33 0.00	82.11 -0.66 0.00	96.40 -0.78 0.00	100.41 -0.71 0.00	89.18 -0.54 0.00	72.46 -0.29 0.00	62.27 -0.38 0.00	52.87 -0.32 0.00	46.47 -0.28 0.00
SYRACUSE___POWER 24017	44.73 -0.22 0.00	40.35 -0.12 0.00	35.51 -0.21 0.00	32.42 -0.33 0.00	31.20 -0.35 0.00	33.32 -0.34 0.00	33.41 -0.37 0.00	33.56 -0.44 0.00	33.92 -0.45 0.00	36.52 -0.41 0.00	40.84 -0.41 0.00	45.61 -0.37 0.00	49.84 -0.30 0.00	54.40 -0.33 0.00	58.27 -0.47 0.00	64.98 -0.46 0.00	81.95 -0.83 0.00	96.21 -0.97 0.00	100.31 -0.81 0.00	89.00 -0.72 0.00	72.31 -0.44 0.00	62.15 -0.50 0.00	52.76 -0.43 0.00	46.43 -0.33 0.00
TALLMAN_138KV_BK151 55660	45.99 1.03 0.00	41.52 1.05 0.00	36.76 1.04 0.00	33.76 1.02 0.00	32.52 0.98 0.00	34.63 0.98 0.00	34.77 0.98 0.00	35.09 1.09 0.00	35.74 1.37 0.00	38.52 1.59 0.00	43.38 1.90 -0.23	48.44 2.11 -0.35	53.09 2.36 -0.60	57.78 2.63 -0.42	62.27 3.05 -0.48	68.71 3.27 0.00	87.58 4.72 -0.09	103.30 6.12 0.00	106.78 5.66 0.00	94.20 4.49 0.00	75.37 2.62 0.00	65.03 2.38 0.00	55.21 2.02 0.00	48.67 1.92 0.00
TEALLAVE_115KV_TB7 355573	44.60 -0.36 0.00	40.23 -0.24 0.00	35.40 -0.32 0.00	32.32 -0.43 0.00	31.13 -0.41 0.00	33.22 -0.44 0.00	33.31 -0.47 0.00	33.46 -0.54 0.00	33.82 -0.55 0.00	36.41 -0.52 0.00	40.76 -0.50 0.00	45.47 -0.51 0.00	49.69 -0.45 0.00	54.18 -0.55 0.00	58.09 -0.65 0.00	64.72 -0.72 0.00	81.62 -1.16 0.00	95.82 -1.36 0.00	99.81 -1.31 0.00	88.55 -1.17 0.00	71.95 -0.80 0.00	61.89 -0.75 0.00	52.55 -0.64 0.00	46.24 -0.51 0.00
TELGRAPH_34_KV_EAST 80808	44.73 -0.22 0.00	40.88 0.40 0.00	35.43 -0.29 0.00	32.09 -0.65 0.00	30.88 -0.66 0.00	32.95 -0.71 0.00	33.14 -0.64 0.00	32.57 -1.43 0.00	32.89 -1.48 0.00	35.53 -1.40 0.00	39.94 -1.32 0.00	44.69 -1.29 0.00	48.28 -1.86 0.00	52.93 -1.81 0.00	55.80 -2.94 0.00	62.62 -2.81 0.00	77.31 -5.46 0.00	89.79 -7.39 0.00	94.04 -7.08 0.00	83.53 -6.19 0.00	69.55 -3.20 0.00	59.20 -3.45 0.00	51.01 -2.18 0.00	45.91 -0.84 0.00
TEMPLE___115KV_TB 2 55572	44.64 -0.31 0.00	40.23 -0.24 0.00	35.40 -0.32 0.00	32.35 -0.39 0.00	31.13 -0.41 0.00	33.25 -0.40 0.00	33.31 -0.47 0.00	33.46 -0.54 0.00	33.85 -0.52 0.00	36.41 -0.52 0.00	40.76 -0.50 0.00	45.52 -0.46 0.00	49.74 -0.40 0.00	54.24 -0.49 0.00	58.09 -0.65 0.00	64.78 -0.65 0.00	81.62 -1.16 0.00	95.82 -1.36 0.00	99.91 -1.21 0.00	88.64 -1.08 0.00	72.02 -0.73 0.00	61.89 -0.75 0.00	52.55 -0.64 0.00	46.28 -0.47 0.00
TIANA___69_KV_BK 1 55817	47.03 2.07 0.00	43.43 2.95 0.00	38.15 2.43 0.00	34.64 1.90 0.00	33.31 1.77 0.00	35.60 1.95 0.00	35.41 1.62 0.00	35.80 1.80 0.00	36.91 2.54 0.00	40.07 3.14 0.00	45.59 3.80 -0.54	50.33 3.95 -0.40	54.45 3.66 -0.65	58.80 3.61 -0.46	64.24 4.99 -0.51	70.67 5.23 0.00	92.25 7.53 -1.94	107.68 10.30 -0.20	109.86 9.71 0.97	97.16 7.45 0.01	76.89 4.15 0.00	65.72 3.07 0.00	54.35 3.14 1.97	49.98 3.23 0.00

TILDEN___115KV_TB1 80814	44.73 -0.22 0.00	40.35 -0.12 0.00	35.51 -0.21 0.00	32.42 -0.33 0.00	31.20 -0.35 0.00	33.32 -0.34 0.00	33.41 -0.37 0.00	33.56 -0.44 0.00	33.92 -0.45 0.00	36.52 -0.41 0.00	40.84 -0.41 0.00	45.61 -0.37 0.00	49.84 -0.30 0.00	54.40 -0.33 0.00	58.27 -0.47 0.00	64.98 -0.46 0.00	81.95 -0.83 0.00	96.21 -0.97 0.00	100.31 -0.81 0.00	89.00 -0.72 0.00	72.31 -0.44 0.00	62.15 -0.50 0.00	52.76 -0.43 0.00	46.43 -0.33 0.00
TRIGEN___CC 323695	46.49 1.53 0.00	42.53 2.06 0.00	37.54 1.82 0.00	34.25 1.51 0.00	32.96 1.42 0.00	35.20 1.55 0.00	35.20 1.42 0.00	35.56 1.56 0.00	36.46 2.10 0.00	39.44 2.51 0.00	44.86 2.85 -0.76	49.65 3.08 -0.59	53.87 3.06 -0.67	58.26 3.06 -0.46	63.33 4.05 -0.54	69.84 4.38 -0.02	103.48 5.96 -14.74	106.46 7.87 -1.41	108.40 7.28 0.00	95.57 5.83 -0.02	76.26 3.49 -0.02	65.40 2.76 0.00	65.90 3.19 -9.52	49.46 2.71 0.00
TRINITY___115KV___4 BK 55933	44.96 0.00 0.00	40.51 0.04 0.00	35.90 0.18 0.00	33.07 0.33 0.00	31.92 0.38 0.00	33.99 0.34 0.00	34.09 0.30 0.00	34.31 0.31 0.00	34.68 0.31 0.00	37.12 0.18 0.00	41.06 0.00 0.19	45.68 0.00 0.30	49.48 -0.15 0.51	54.42 0.05 0.36	58.51 0.18 0.41	65.63 0.20 0.00	83.28 0.58 0.08	98.15 0.97 0.00	101.93 0.81 0.00	90.25 0.54 0.00	72.75 0.00 0.00	62.71 0.06 0.00	53.14 -0.05 0.00	46.89 0.14 0.00
UNION___PROCESSING_DRP 323587	45.00 0.04 0.00	40.84 0.36 0.00	35.65 -0.07 0.00	32.22 -0.52 0.00	31.01 -0.54 0.00	33.11 -0.54 0.00	33.25 -0.54 0.00	33.22 -0.78 0.00	33.58 -0.79 0.00	36.27 -0.66 0.00	40.72 -0.54 0.00	45.56 -0.41 0.00	49.49 -0.65 0.00	54.13 -0.60 0.00	57.39 -1.35 0.00	64.19 -1.24 0.00	80.13 -2.65 0.00	93.29 -3.89 0.00	97.58 -3.54 0.00	86.49 -3.23 0.00	71.36 -1.38 0.00	60.96 -1.69 0.00	52.18 -1.01 0.00	46.19 -0.56 0.00
UPPER HUDSON___HYD 24058	46.89 1.93 0.00	42.21 1.74 0.00	37.40 1.68 0.00	34.22 1.47 0.00	33.00 1.45 0.00	35.23 1.58 0.00	35.31 1.52 0.00	35.36 1.36 0.00	35.78 1.41 0.00	38.08 1.15 0.00	41.66 0.62 0.21	46.52 0.87 0.33	50.53 0.95 0.56	55.76 1.42 0.39	59.94 1.64 0.44	67.73 2.29 0.00	86.01 3.31 0.08	101.75 4.57 0.00	106.98 5.86 0.00	94.92 5.20 0.00	76.53 3.78 0.00	65.65 3.01 0.00	55.48 2.29 0.00	48.72 1.96 0.00
UPPER RAQUET___HYD 24056	46.17 1.21 0.00	40.92 0.45 0.00	36.00 0.28 0.00	32.94 0.20 0.00	31.70 0.16 0.00	33.86 0.20 0.00	34.39 0.61 0.00	34.61 0.61 0.00	34.95 0.58 0.00	37.52 0.59 0.00	41.88 0.62 0.00	46.57 0.60 0.00	50.89 0.75 0.00	55.22 0.49 0.00	59.26 0.53 0.00	66.16 0.72 0.00	83.85 1.07 0.00	97.18 0.00 0.00	101.53 0.41 0.00	91.33 1.62 0.00	83.78 2.18 -8.85	87.78 1.94 -23.19	54.80 1.54 -0.07	47.27 0.52 0.00
VALLEY44_115KV_TB2 355964	44.46 -0.49 0.00	40.51 0.04 0.00	35.18 -0.54 0.00	31.76 -0.98 0.00	30.57 -0.98 0.00	32.61 -1.04 0.00	32.84 -0.95 0.00	32.61 -1.39 0.00	32.96 -1.41 0.00	35.64 -1.29 0.00	39.98 -1.28 0.00	44.78 -1.20 0.00	48.38 -1.75 0.00	53.20 -1.53 0.00	56.33 -2.41 0.00	63.28 -2.16 0.00	78.31 -4.47 0.00	91.35 -5.83 0.00	95.26 -5.86 0.00	84.51 -5.20 0.00	70.13 -2.62 0.00	59.83 -2.82 0.00	51.28 -1.91 0.00	45.58 -1.17 0.00
VALLEY___115KV_TB 1-4 80826	44.91 -0.04 0.00	40.43 -0.04 0.00	35.68 -0.04 0.00	32.71 -0.03 0.00	31.48 -0.06 0.00	33.59 -0.07 0.00	33.68 -0.10 0.00	33.90 -0.10 0.00	34.30 -0.07 0.00	36.89 -0.04 0.00	41.22 -0.04 0.00	45.89 -0.09 0.00	50.09 -0.05 0.00	54.68 -0.05 0.00	58.62 -0.12 0.00	65.17 -0.26 0.00	82.28 -0.50 0.00	96.79 -0.39 0.00	100.82 -0.30 0.00	89.54 -0.18 0.00	72.53 -0.22 0.00	62.52 -0.13 0.00	52.98 -0.21 0.00	46.52 -0.23 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	46.62 1.66 0.00	41.97 1.50 0.00	37.08 1.36 0.00	34.09 1.34 0.00	32.74 1.20 0.00	34.93 1.28 0.00	35.04 1.25 0.00	35.29 1.29 0.00	35.60 1.24 0.00	38.37 1.44 0.00	42.95 1.69 0.00	47.91 1.93 0.00	52.35 2.21 0.00	57.30 2.57 0.00	61.56 2.82 0.00	68.45 3.01 0.00	86.34 3.56 0.00	101.55 4.37 0.00	105.67 4.55 0.00	93.66 3.95 0.00	75.80 3.06 0.00	65.28 2.63 0.00	55.26 2.07 0.00	48.48 1.73 0.00
VISCHER___FERRY HYD 24020	46.13 1.17 0.00	41.60 1.13 0.00	36.86 1.14 0.00	33.86 1.11 0.00	32.65 1.10 0.00	34.76 1.11 0.00	34.87 1.08 0.00	35.06 1.06 0.00	35.47 1.10 0.00	37.89 0.96 0.00	41.83 0.87 0.30	46.50 0.97 0.45	50.37 1.00 0.77	55.45 1.26 0.54	59.54 1.41 0.61	67.20 1.77 0.00	85.23 2.57 0.11	100.58 3.40 0.00	104.66 3.54 0.00	92.67 2.96 0.00	74.71 1.96 0.00	64.27 1.63 0.00	54.52 1.33 0.00	48.02 1.26 0.00
V_A_10_SYNC_DSASP 323832	44.28 -0.67 0.00	40.47 0.00 0.00	35.18 -0.54 0.00	31.73 -1.02 0.00	30.53 -1.01 0.00	32.51 -1.14 0.00	32.74 -1.05 0.00	32.47 -1.53 0.00	32.82 -1.55 0.00	35.45 -1.48 0.00	39.81 -1.44 0.00	44.51 -1.47 0.00	48.08 -2.06 0.00	52.65 -2.08 0.00	55.62 -3.11 0.00	62.43 -3.01 0.00	77.23 -5.55 0.00	89.79 -7.39 0.00	93.84 -7.28 0.00	83.26 -6.46 0.00	69.11 -3.64 0.00	58.89 -3.76 0.00	50.74 -2.45 0.00	45.30 -1.45 0.00
V_CMM_10_SYNC_DSASP 323787	45.41 0.45 0.00	40.55 0.08 0.00	35.72 0.00 0.00	32.71 -0.03 0.00	31.51 -0.03 0.00	33.65 0.00 0.00	34.02 0.24 0.00	34.24 0.24 0.00	34.61 0.24 0.00	37.15 0.22 0.00	41.51 0.25 0.00	46.21 0.23 0.00	50.39 0.25 0.00	54.79 0.05 0.00	58.80 0.06 0.00	65.50 0.07 0.00	83.02 0.25 0.00	96.69 -0.48 0.00	100.62 -0.50 0.00	89.81 0.09 0.00	72.05 0.73 1.42	59.54 0.63 3.73	53.71 0.53 0.01	46.89 0.14 0.00
V_CMP_10_SYNC_DSASP 323788	45.59 0.63 0.00	40.63 0.16 0.00	35.68 -0.04 0.00	32.61 -0.13 0.00	31.42 -0.13 0.00	33.55 -0.10 0.00	33.96 0.17 0.00	34.31 0.31 0.00	34.78 0.41 0.00	37.41 0.48 0.00	41.79 0.53 0.00	46.21 0.23 0.00	50.44 0.30 0.00	54.79 0.05 0.00	58.85 0.12 0.00	65.63 0.20 0.00	83.36 0.58 0.00	96.98 -0.19 0.00	101.12 0.00 0.00	90.17 0.45 0.00	74.35 1.16 -0.44	64.80 1.00 -1.16	53.99 0.80 0.00	46.89 0.14 0.00
V_D_10_SYNC_DSASP 323841	45.90 0.95 0.00	40.88 0.40 0.00	35.97 0.25 0.00	32.94 0.20 0.00	31.73 0.19 0.00	33.86 0.20 0.00	34.36 0.57 0.00	34.58 0.58 0.00	34.95 0.58 0.00	37.52 0.59 0.00	41.88 0.62 0.00	46.62 0.64 0.00	50.89 0.75 0.00	55.28 0.55 0.00	59.32 0.59 0.00	66.09 0.65 0.00	83.77 1.00 0.00	97.18 0.00 0.00	101.32 0.20 0.00	90.71 0.99 0.00	87.28 1.60 -12.94	97.99 1.44 -33.90	54.51 1.22 -0.10	47.27 0.52 0.00
V_E_10_SYNC_DSASP 323830	48.60 3.64 0.00	43.67 3.20 0.00	38.40 2.68 0.00	35.10 2.36 0.00	33.56 2.02 0.00	35.91 2.25 0.00	36.08 2.30 0.00	36.14 2.14 0.00	36.36 1.99 0.00	39.11 2.18 0.00	43.65 2.39 0.00	48.69 2.71 0.00	53.35 3.21 0.00	58.40 3.67 0.00	62.91 4.17 0.00	69.82 4.38 0.00	87.74 4.97 0.00	103.59 6.41 0.00	108.91 7.79 0.00	97.34 7.62 0.00	79.00 6.26 0.00	67.97 5.32 0.00	57.23 4.04 0.00	49.93 3.18 0.00

V_F_30_NSYNC___DSASP 323816	46.89 1.93 0.00	42.25 1.78 0.00	37.40 1.68 0.00	34.25 1.51 0.00	33.03 1.48 0.00	35.23 1.58 0.00	35.31 1.52 0.00	35.43 1.43 0.00	35.78 1.41 0.00	38.15 1.22 0.00	42.10 1.07 0.23	46.87 1.24 0.35	50.90 1.35 0.59	56.12 1.80 0.42	60.27 2.00 0.47	68.06 2.62 0.00	86.33 3.64 0.09	102.03 4.86 0.00	106.48 5.36 0.00	94.47 4.75 0.00	76.17 3.42 0.00	65.47 2.82 0.00	55.42 2.23 0.00	48.72 1.96 0.00
V_F_30_SYNC_DSASP 323786	45.18 0.22 0.00	40.71 0.24 0.00	36.01 0.29 0.00	33.17 0.43 0.00	32.05 0.50 0.00	34.09 0.44 0.00	34.19 0.41 0.00	34.37 0.37 0.00	34.78 0.41 0.00	37.23 0.30 0.00	41.20 0.12 0.18	45.85 0.14 0.27	49.68 0.00 0.46	54.69 0.33 0.37	58.79 0.47 0.41	66.03 0.59 0.00	83.69 0.99 0.08	98.73 1.55 0.00	102.54 1.42 0.00	90.79 1.08 0.00	73.11 0.36 0.00	63.02 0.38 0.00	53.40 0.21 0.00	47.08 0.33 0.00
V_XM_10_SYNC_DSASP 323789	45.59 0.63 0.00	40.63 0.16 0.00	35.68 -0.04 0.00	32.61 -0.13 0.00	31.42 -0.13 0.00	33.55 -0.10 0.00	33.96 0.17 0.00	34.31 0.31 0.00	34.78 0.41 0.00	37.41 0.48 0.00	41.79 0.53 0.00	46.21 0.23 0.00	50.44 0.30 0.00	54.79 0.05 0.00	58.85 0.12 0.00	65.63 0.20 0.00	83.36 0.58 0.00	96.98 -0.19 0.00	101.12 0.00 0.00	90.17 0.45 0.00	74.35 1.16 -0.44	64.80 1.00 -1.16	53.99 0.80 0.00	46.89 0.14 0.00
W.BABYLN_69_KV_BK1 56697	47.16 2.20 0.00	43.47 2.99 0.00	38.22 2.50 0.00	34.77 2.03 0.00	33.47 1.92 0.00	35.77 2.12 0.00	35.64 1.86 0.00	36.04 2.04 0.00	37.05 2.68 0.00	40.14 3.21 0.00	45.59 3.75 -0.58	50.32 3.91 -0.44	54.40 3.61 -0.65	58.86 3.67 -0.46	64.13 4.88 -0.52	70.67 5.23 0.00	94.19 7.12 -4.30	107.21 9.62 -0.41	109.32 9.00 0.80	96.89 7.18 0.00	77.18 4.44 0.00	66.15 3.51 0.00	56.99 3.72 -0.08	50.35 3.60 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.26 1.30 0.00	41.77 1.30 0.00	36.97 1.25 0.00	33.96 1.21 0.00	32.68 1.14 0.00	34.83 1.18 0.00	34.97 1.18 0.00	35.29 1.29 0.00	35.95 1.58 0.00	38.70 1.77 0.00	43.59 2.10 -0.23	48.73 2.39 -0.36	53.41 2.66 -0.61	58.23 3.06 -0.43	62.69 3.47 -0.48	69.17 3.73 0.00	88.25 5.38 -0.09	104.08 6.90 0.00	107.59 6.47 0.00	94.92 5.20 0.00	75.95 3.20 0.00	65.53 2.88 0.00	55.58 2.39 0.00	49.00 2.24 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.53 1.57 0.00	42.01 1.54 0.00	37.11 1.39 0.00	34.05 1.31 0.00	32.77 1.23 0.00	34.93 1.28 0.00	35.10 1.32 0.00	35.50 1.50 0.00	36.26 1.89 0.00	39.15 2.22 0.00	44.15 2.64 -0.25	49.21 2.85 -0.38	53.90 3.11 -0.65	58.59 3.39 -0.46	63.07 3.82 -0.52	69.49 4.06 0.00	88.75 5.88 -0.10	104.56 7.39 0.00	108.00 6.88 0.00	95.28 5.56 0.00	75.95 3.20 0.00	65.72 3.07 0.00	55.90 2.71 0.00	49.32 2.57 0.00
W50THST__13_KV_LOAD 356117	46.76 1.80 0.00	42.21 1.74 0.00	37.29 1.57 0.00	34.22 1.47 0.00	32.93 1.39 0.00	35.10 1.45 0.00	35.27 1.49 0.00	35.67 1.67 0.00	36.46 2.10 0.00	39.33 2.40 0.00	44.39 2.89 -0.25	49.53 3.17 -0.38	54.20 3.41 -0.65	58.91 3.72 -0.46	63.42 4.17 -0.52	69.89 4.45 0.00	89.25 6.37 -0.10	105.24 8.07 0.00	108.70 7.58 0.00	95.91 6.19 0.00	76.38 3.64 0.00	66.09 3.45 0.00	56.22 3.03 0.00	49.60 2.85 0.00
WADING RIVER_IC_1 23522	45.95 0.99 0.00	42.70 2.22 -0.01	37.58 1.86 0.00	34.18 1.44 0.00	32.81 1.26 0.00	35.10 1.45 0.00	34.73 0.94 0.00	35.29 1.29 0.00	36.36 1.99 0.00	39.41 2.47 0.00	44.77 2.97 -0.54	49.32 2.95 -0.40	53.39 2.61 -0.65	57.66 2.47 -0.46	62.77 3.52 -0.51	69.29 3.86 0.00	90.42 5.71 -1.94	105.63 8.26 -0.20	107.83 7.68 0.97	95.28 5.56 0.01	75.44 2.69 0.00	64.40 1.75 0.00	53.60 2.40 1.98	48.29 1.54 0.00
WADING RIVER_IC_2 23547	45.95 0.99 0.00	42.70 2.22 -0.01	37.58 1.86 0.00	34.18 1.44 0.00	32.81 1.26 0.00	35.10 1.45 0.00	34.73 0.94 0.00	35.29 1.29 0.00	36.36 1.99 0.00	39.41 2.47 0.00	44.77 2.97 -0.54	49.32 2.95 -0.40	53.39 2.61 -0.65	57.66 2.47 -0.46	62.77 3.52 -0.51	69.29 3.86 0.00	90.42 5.71 -1.94	105.63 8.26 -0.20	107.83 7.68 0.97	95.28 5.56 0.01	75.44 2.69 0.00	64.40 1.75 0.00	53.60 2.40 1.98	48.29 1.54 0.00
WADING RIVER_IC_3 23601	45.95 0.99 0.00	42.70 2.22 -0.01	37.58 1.86 0.00	34.18 1.44 0.00	32.81 1.26 0.00	35.10 1.45 0.00	34.73 0.94 0.00	35.29 1.29 0.00	36.36 1.99 0.00	39.41 2.47 0.00	44.77 2.97 -0.54	49.32 2.95 -0.40	53.39 2.61 -0.65	57.66 2.47 -0.46	62.77 3.52 -0.51	69.29 3.86 0.00	90.42 5.71 -1.94	105.63 8.26 -0.20	107.83 7.68 0.97	95.28 5.56 0.01	75.44 2.69 0.00	64.40 1.75 0.00	53.60 2.40 1.98	48.29 1.54 0.00
WALDENNY_12_KV_BK2 80841	45.00 0.04 0.00	41.12 0.65 0.00	35.65 -0.07 0.00	32.15 -0.59 0.00	30.91 -0.63 0.00	32.95 -0.71 0.00	33.21 -0.57 0.00	32.78 -1.22 0.00	33.13 -1.24 0.00	35.86 -1.07 0.00	40.35 -0.91 0.00	45.15 -0.83 0.00	48.74 -1.40 0.00	53.42 -1.31 0.00	56.39 -2.35 0.00	63.34 -2.09 0.00	78.06 -4.72 0.00	90.76 -6.41 0.00	94.85 -6.27 0.00	84.15 -5.56 0.00	70.06 -2.69 0.00	59.58 -3.07 0.00	51.33 -1.86 0.00	45.96 -0.79 0.00
WALDEN___HYDRO 24148	46.13 1.17 0.00	41.64 1.17 0.00	36.83 1.11 0.00	33.82 1.08 0.00	32.55 1.01 0.00	34.70 1.04 0.00	34.83 1.05 0.00	35.12 1.12 0.00	35.71 1.34 0.00	38.41 1.48 0.00	43.19 1.73 -0.20	48.25 1.98 -0.30	52.96 2.31 -0.51	57.72 2.63 -0.36	62.14 3.00 -0.41	68.71 3.27 0.00	87.57 4.72 -0.08	103.40 6.22 0.00	107.09 5.97 0.00	94.56 4.84 0.00	75.80 3.06 0.00	65.34 2.69 0.00	55.37 2.18 0.00	48.72 1.96 0.00
WARRENSBURG____ 23737	46.94 1.98 0.00	42.21 1.74 0.00	37.40 1.68 0.00	34.18 1.44 0.00	33.00 1.45 0.00	35.23 1.58 0.00	35.31 1.52 0.00	35.36 1.36 0.00	35.78 1.41 0.00	38.08 1.14 0.00	41.66 0.62 0.21	46.52 0.87 0.33	50.53 0.95 0.56	55.76 1.42 0.39	59.94 1.64 0.44	67.79 2.36 0.00	86.00 3.31 0.08	101.74 4.57 0.00	106.99 5.86 0.00	94.92 5.20 0.00	76.53 3.78 0.00	65.72 3.07 0.00	55.48 2.29 0.00	48.72 1.96 0.00
WATERSIDE____6 8 9 23538	46.71 1.75 0.00	42.17 1.70 0.00	37.29 1.57 0.00	34.18 1.44 0.00	32.93 1.39 0.00	35.10 1.45 0.00	35.27 1.49 0.00	35.56 1.56 0.00	36.33 1.96 0.00	39.26 2.33 0.00	44.27 2.76 -0.25	49.39 3.03 -0.38	54.05 3.26 -0.65	58.48 3.28 -0.46	62.48 3.23 -0.52	68.71 3.27 0.00	88.25 5.38 -0.10	104.27 7.09 0.00	107.49 6.37 0.00	94.83 5.11 0.00	75.15 2.40 0.00	65.28 2.63 0.00	56.12 2.93 0.00	49.51 2.76 0.00
WATKINRD_115KV_LN8_ILLION 55919	44.91 -0.04 0.00	40.43 -0.04 0.00	35.68 -0.04 0.00	32.74 0.00 0.00	31.48 -0.06 0.00	33.59 -0.07 0.00	33.68 -0.10 0.00	33.93 -0.07 0.00	34.30 -0.07 0.00	36.86 -0.07 0.00	41.17 -0.08 0.00	45.89 -0.09 0.00	50.04 -0.10 0.00	54.68 -0.05 0.00	58.62 -0.12 0.00	65.24 -0.20 0.00	82.44 -0.33 0.00	96.98 -0.19 0.00	100.92 -0.20 0.00	89.63 -0.09 0.00	72.60 -0.15 0.00	62.52 -0.13 0.00	53.03 -0.16 0.00	46.57 -0.19 0.00

WDELAWARE___HYD 323627	46.13 1.17 0.00	41.60 1.13 0.00	36.76 1.04 0.00	33.73 0.98 0.00	32.40 0.85 0.00	34.56 0.91 0.00	34.70 0.91 0.00	34.99 0.99 0.00	35.50 1.13 0.00	38.22 1.29 0.00	42.98 1.57 -0.16	48.01 1.79 -0.24	52.70 2.15 -0.41	57.59 2.57 -0.29	62.00 2.94 -0.32	68.64 3.21 0.00	87.55 4.72 -0.06	103.35 6.31 0.14	107.15 6.27 0.24	94.92 5.20 0.00	76.17 3.42 0.00	65.53 2.88 0.00	55.48 2.29 0.00	48.62 1.87 0.00
WEST BABYLON___IC 23714	47.16 2.20 0.00	43.47 2.99 0.00	38.22 2.50 0.00	34.77 2.03 0.00	33.47 1.92 0.00	35.77 2.12 0.00	35.64 1.86 0.00	36.04 2.04 0.00	37.05 2.68 0.00	40.14 3.21 0.00	45.59 3.75 -0.58	50.32 3.91 -0.44	54.40 3.61 -0.65	58.86 3.67 -0.46	64.13 4.88 -0.52	70.67 5.23 0.00	94.19 7.12 -4.30	107.21 9.62 -0.41	109.32 9.00 0.80	96.89 7.18 0.00	77.18 4.44 0.00	66.15 3.51 0.00	56.99 3.72 -0.08	50.35 3.60 0.00
WEST CANADA___HYD 24049	44.96 0.00 0.00	40.51 0.04 0.00	35.79 0.07 0.00	32.81 0.07 0.00	31.61 0.06 0.00	33.72 0.07 0.00	33.82 0.03 0.00	34.03 0.03 0.00	34.40 0.03 0.00	36.97 0.04 0.00	41.30 0.04 0.00	46.02 0.05 0.00	50.19 0.05 0.00	54.79 0.05 0.00	58.85 0.12 0.00	65.57 0.13 0.00	82.86 0.08 0.00	97.37 0.19 0.00	101.32 0.20 0.00	89.90 0.18 0.00	72.82 0.07 0.00	62.71 0.06 0.00	53.19 0.00 0.00	46.75 0.00 0.00
WESTERN_NY_WIND 24143	45.41 0.45 0.00	41.40 0.93 0.00	35.97 0.25 0.00	32.51 -0.23 0.00	31.29 -0.25 0.00	33.38 -0.27 0.00	33.58 -0.20 0.00	33.08 -0.92 0.00	33.37 -1.00 0.00	36.04 -0.89 0.00	40.47 -0.78 0.00	45.33 -0.64 0.00	49.04 -1.10 0.00	53.75 -0.99 0.00	56.74 -2.00 0.00	63.60 -1.83 0.00	78.80 -3.97 0.00	91.64 -5.54 0.00	96.17 -4.95 0.00	85.41 -4.31 0.00	71.15 -1.60 0.00	60.58 -2.07 0.00	52.02 -1.17 0.00	46.61 -0.14 0.00
WESTOVER___LESR 323668	45.18 0.22 0.00	40.84 0.36 0.00	35.90 0.18 0.00	32.78 0.03 0.00	31.54 0.00 0.00	33.65 0.00 0.00	33.79 0.00 0.00	33.86 -0.14 0.00	34.20 -0.17 0.00	36.82 -0.11 0.00	41.17 -0.08 0.00	45.98 0.00 0.00	50.14 0.00 0.00	54.84 0.11 0.00	58.68 -0.06 0.00	65.50 0.07 0.00	82.36 -0.41 0.00	96.69 -0.49 0.00	100.61 -0.51 0.00	89.36 -0.36 0.00	72.82 0.07 0.00	62.58 -0.06 0.00	53.19 0.00 0.00	46.85 0.09 0.00
WETHRSFD_WT_PWR 323626	44.96 0.00 0.00	40.92 0.45 0.00	35.58 -0.14 0.00	31.96 -0.79 0.00	30.82 -0.72 0.00	32.81 -0.84 0.00	32.97 -0.81 0.00	32.74 -1.26 0.00	32.96 -1.41 0.00	35.57 -1.37 0.00	39.93 -1.32 0.00	44.69 -1.29 0.00	48.38 -1.76 0.00	52.98 -1.75 0.00	56.39 -2.35 0.00	62.56 -2.88 0.00	77.81 -4.96 0.00	90.76 -6.42 0.00	95.15 -5.97 0.00	84.78 -4.93 0.00	70.35 -2.40 0.00	60.14 -2.51 0.00	51.38 -1.81 0.00	45.91 -0.84 0.00
WHAVSTOR_138KV_BK127 55557	45.95 0.99 0.00	41.48 1.01 0.00	36.72 1.00 0.00	33.76 1.02 0.00	32.49 0.95 0.00	34.59 0.94 0.00	34.77 0.98 0.00	35.09 1.09 0.00	35.74 1.37 0.00	38.48 1.55 0.00	43.31 1.82 -0.24	48.36 2.02 -0.36	52.96 2.21 -0.61	57.68 2.52 -0.43	62.10 2.88 -0.49	68.51 3.08 0.00	87.34 4.47 -0.09	103.01 5.83 0.00	106.48 5.36 0.00	94.02 4.31 0.00	75.15 2.40 0.00	64.90 2.26 0.00	55.10 1.91 0.00	48.58 1.82 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.95 0.99 0.00	41.48 1.01 0.00	36.72 1.00 0.00	33.76 1.02 0.00	32.49 0.95 0.00	34.59 0.94 0.00	34.77 0.98 0.00	35.09 1.09 0.00	35.74 1.37 0.00	38.48 1.55 0.00	43.31 1.82 -0.24	48.36 2.02 -0.36	52.96 2.21 -0.61	57.68 2.52 -0.43	62.10 2.88 -0.49	68.51 3.08 0.00	87.34 4.47 -0.09	103.01 5.83 0.00	106.48 5.36 0.00	94.02 4.31 0.00	75.15 2.40 0.00	64.90 2.26 0.00	55.10 1.91 0.00	48.58 1.82 0.00
WHITEHAL_115KV_TB1 80871	48.15 3.19 0.00	43.30 2.83 0.00	38.33 2.61 0.00	34.97 2.23 0.00	33.75 2.21 0.00	36.08 2.42 0.00	36.12 2.33 0.00	36.11 2.11 0.00	36.50 2.13 0.00	38.78 1.85 0.00	42.44 1.40 0.22	47.44 1.79 0.33	51.52 1.96 0.57	56.95 2.63 0.40	61.22 2.94 0.45	69.36 3.93 0.00	88.15 5.46 0.08	104.47 7.29 0.00	109.92 8.80 0.00	97.70 7.98 0.00	78.78 6.04 0.00	67.47 4.82 0.00	56.91 3.72 0.00	49.88 3.13 0.00
WHITEPLN_13_KV_LOAD 356215	46.76 1.80 0.00	42.17 1.70 0.00	37.29 1.57 0.00	34.18 1.44 0.00	32.96 1.42 0.00	35.10 1.45 0.00	35.27 1.49 0.00	35.60 1.60 0.00	36.40 2.03 0.00	39.29 2.36 0.00	44.39 2.89 -0.25	49.58 3.22 -0.38	54.40 3.61 -0.65	59.02 3.83 -0.46	63.66 4.41 -0.52	70.41 4.97 0.00	89.82 6.95 -0.10	106.02 8.84 0.00	109.82 8.70 0.00	96.71 7.00 0.00	77.04 4.29 0.00	66.28 3.63 0.00	56.22 3.03 0.00	49.56 2.81 0.00
WM_FLOYD_69_KV_BK2 356380	46.62 1.66 0.00	43.10 2.63 0.00	37.86 2.14 0.00	34.41 1.67 0.00	33.12 1.58 0.00	35.40 1.75 0.00	35.24 1.45 0.00	35.63 1.63 0.00	36.67 2.30 0.00	39.74 2.81 0.00	45.10 3.30 -0.54	49.74 3.36 -0.40	53.80 3.01 -0.65	58.09 2.90 -0.46	63.42 4.17 -0.51	69.82 4.38 0.00	91.13 6.37 -1.98	106.32 8.94 -0.20	108.65 8.49 0.97	96.17 6.46 0.01	76.31 3.56 0.00	65.34 2.69 0.00	54.12 2.87 1.94	49.74 2.99 0.00
WOODARD___115KV_TB2 355635	44.51 -0.45 0.00	40.15 -0.32 0.00	35.33 -0.39 0.00	32.29 -0.46 0.00	31.07 -0.47 0.00	33.18 -0.47 0.00	33.25 -0.54 0.00	33.42 -0.58 0.00	33.78 -0.58 0.00	36.38 -0.55 0.00	40.68 -0.58 0.00	45.43 -0.55 0.00	49.59 -0.55 0.00	54.13 -0.60 0.00	58.03 -0.70 0.00	64.65 -0.79 0.00	81.53 -1.24 0.00	95.72 -1.46 0.00	99.70 -1.42 0.00	88.46 -1.26 0.00	71.87 -0.87 0.00	61.83 -0.81 0.00	52.50 -0.69 0.00	46.19 -0.56 0.00
WOODMERE_69_KV_BK1 55827	47.21 2.25 0.00	43.18 2.71 0.00	38.08 2.36 0.00	34.71 1.96 0.00	33.41 1.86 0.00	35.67 2.02 0.00	35.61 1.82 0.00	36.01 2.01 0.00	36.95 2.58 0.00	40.00 3.07 0.00	45.88 3.55 -1.08	50.84 4.00 -0.86	54.96 4.11 -0.70	59.41 4.21 -0.46	64.66 5.35 -0.57	71.45 5.95 -0.06	124.96 7.95 -34.24	110.57 10.11 -3.28	111.84 9.51 -1.22	97.58 7.81 -0.06	77.97 5.17 -0.06	66.72 4.07 0.00	80.42 4.26 -22.97	50.35 3.60 0.00
YORK___WARBASSE 23770	46.94 1.98 0.00	42.37 1.90 0.00	37.47 1.75 0.00	34.32 1.57 0.00	33.03 1.48 0.00	35.20 1.55 0.00	35.37 1.59 0.00	35.67 1.67 0.00	36.43 2.06 0.00	39.41 2.47 0.00	44.44 2.93 -0.25	49.44 3.08 -0.38	54.15 3.36 -0.65	58.64 3.45 -0.46	62.66 3.41 -0.52	68.90 3.47 0.00	88.58 5.71 -0.10	104.76 7.58 0.00	107.90 6.78 0.00	95.19 5.47 0.00	75.37 2.62 0.00	65.47 2.82 0.00	56.28 3.09 0.00	49.65 2.90 0.00