

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

03/18/2026

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							
59TH STREET_GT_1 24138	63.83	56.41	56.90	57.38	57.87	70.91	93.77	135.13	96.90	68.90	53.73	49.59	49.42	47.40	44.08	47.44	54.74	68.90	93.80	110.78	96.74	74.41	69.91	59.43
	2.75	2.27	2.24	2.21	2.17	2.86	4.89	7.89	6.25	4.81	3.66	3.67	3.66	3.47	3.04	3.14	3.77	4.66	5.97	7.05	5.90	4.41	4.02	2.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1 24260	63.83	56.41	56.90	57.38	57.82	70.84	93.68	135.00	96.81	68.84	53.68	49.55	49.33	47.36	44.04	47.39	54.63	68.77	93.71	110.68	96.74	74.34	69.85	59.43
	2.75	2.27	2.24	2.21	2.12	2.79	4.80	7.76	6.16	4.74	3.61	3.63	3.57	3.43	3.00	3.10	3.67	4.53	5.88	6.95	5.90	4.34	3.95	2.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2 24261	63.83	56.41	56.90	57.38	57.82	70.84	93.68	135.00	96.81	68.84	53.68	49.55	49.33	47.36	44.04	47.39	54.63	68.77	93.71	110.68	96.74	74.34	69.85	59.43
	2.75	2.27	2.24	2.21	2.12	2.79	4.80	7.76	6.16	4.74	3.61	3.63	3.57	3.43	3.00	3.10	3.67	4.53	5.88	6.95	5.90	4.34	3.95	2.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON__FALLS 24011	62.30	55.27	55.92	56.50	56.87	69.82	92.00	131.95	93.28	65.44	50.52	46.29	46.17	44.28	41.29	44.91	52.14	66.06	91.34	107.67	94.47	72.66	68.20	58.30
	1.22	1.14	1.26	1.32	1.17	1.77	3.11	4.71	2.63	1.35	0.45	0.37	0.41	0.35	0.25	0.62	1.17	2.17	3.51	3.94	3.63	2.66	2.31	1.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE__RCVRY 23798	62.24	55.22	55.92	56.44	56.87	69.95	92.18	132.33	93.28	65.38	50.42	46.15	46.04	44.15	41.13	44.78	52.08	66.06	91.43	107.99	94.65	72.73	68.20	58.24
	1.16	1.08	1.26	1.27	1.17	1.90	3.29	5.09	2.63	1.28	0.35	0.23	0.28	0.22	0.08	0.49	1.12	2.17	3.60	4.25	3.81	2.73	2.31	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS__FALLS 24028	62.30	55.27	55.92	56.50	56.87	69.82	92.00	131.95	93.28	65.44	50.52	46.29	46.17	44.28	41.29	44.91	52.14	66.06	91.34	107.67	94.47	72.66	68.20	58.30
	1.22	1.14	1.26	1.32	1.17	1.77	3.11	4.71	2.63	1.35	0.45	0.37	0.41	0.35	0.25	0.62	1.17	2.17	3.51	3.94	3.63	2.66	2.31	1.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS__DAM 23527	62.06	55.06	55.65	56.17	56.37	69.00	90.22	128.51	92.01	65.06	50.57	46.51	46.36	44.68	41.78	45.35	52.29	65.94	90.55	105.80	93.47	72.24	68.06	58.58
	0.97	0.92	0.98	0.99	0.67	0.95	1.34	1.27	1.36	0.96	0.50	0.60	0.59	0.75	0.74	1.06	1.32	2.04	2.73	2.07	2.64	2.24	2.17	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS__DRP 24190	61.02	54.24	54.72	55.23	55.53	67.91	89.06	127.24	91.10	64.42	50.02	46.06	45.99	44.28	41.37	44.69	51.47	64.72	88.61	104.25	91.56	70.63	66.62	57.16
	-0.06	0.11	0.05	0.06	-0.17	-0.14	0.18	0.00	0.45	0.32	-0.05	0.14	0.23	0.35	0.33	0.40	0.51	0.83	0.79	0.52	0.73	0.63	0.72	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK 355683	60.59	53.70	54.22	54.56	54.01	65.02	81.34	109.04	88.74	63.46	50.07	45.78	45.63	43.89	41.00	44.25	50.91	62.79	86.24	102.28	89.29	69.09	65.10	56.31
	-0.49	-0.43	-0.44	-0.61	-0.06	-0.34	-0.62	-0.25	-0.73	-0.64	0.00	-0.14	-0.14	-0.04	-0.04	-0.04	-0.05	-1.02	-1.58	-1.45	-1.54	-0.91	-0.79	-0.40
	0.00	0.00	0.00	0.00	1.63	2.69	6.92	17.94	1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR 323833	62.61	55.60	56.19	56.71	57.09	69.89	91.64	130.80	92.64	65.12	50.47	46.33	46.27	44.46	41.54	44.96	52.04	65.73	90.55	106.74	93.74	72.24	68.13	58.47
	1.53	1.46	1.53	1.54	1.39	1.84	2.76	3.56	1.99	1.02	0.40	0.41	0.50	0.53	0.49	0.67	1.07	1.85	2.73	3.01	2.91	2.24	2.24	1.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR 323834	62.61	55.60	56.19	56.71	57.09	69.89	91.55	130.68	92.64	65.12	50.47	46.33	46.27	44.46	41.54	44.96	51.98	65.66	90.55	106.74	93.74	72.24	68.13	58.47
	1.53	1.46	1.53	1.54	1.39	1.84	2.66	3.44	1.99	1.02	0.40	0.41	0.50	0.53	0.49	0.67	1.02	1.78	2.73	3.01	2.91	2.24	2.24	1.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY__1 23571	61.02	54.24	54.72	55.23	55.53	67.91	89.06	127.24	91.10	64.42	50.02	46.06	45.99	44.28	41.37	44.69	51.47	64.72	88.61	104.25	91.56	70.63	66.62	57.16
	-0.06	0.11	0.05	0.06	-0.17	-0.14	0.18	0.00	0.45	0.32	-0.05	0.14	0.23	0.35	0.33	0.40	0.51	0.83	0.79	0.52	0.73	0.63	0.72	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY__2 23572	61.02 -0.06 0.00	54.24 0.11 0.00	54.72 0.05 0.00	55.23 0.06 0.00	55.53 -0.17 0.00	67.91 -0.14 0.00	89.06 0.18 0.00	127.24 0.00 0.00	91.10 0.45 0.00	64.42 0.32 0.00	50.02 -0.05 0.00	46.06 0.14 0.00	45.99 0.23 0.00	44.28 0.35 0.00	41.37 0.33 0.00	44.69 0.40 0.00	51.47 0.51 0.00	64.72 0.83 -0.08	88.61 0.79 0.00	104.25 0.52 0.00	91.56 0.73 0.00	70.63 0.63 0.00	66.62 0.72 0.00	57.16 0.45 0.00
ALBANY__3 23573	61.02 -0.06 0.00	54.24 0.11 0.00	54.72 0.05 0.00	55.23 0.06 0.00	55.53 -0.17 0.00	67.91 -0.14 0.00	89.06 0.18 0.00	127.24 0.00 0.00	91.10 0.45 0.00	64.42 0.32 0.00	50.02 -0.05 0.00	46.06 0.14 0.00	45.99 0.23 0.00	44.28 0.35 0.00	41.37 0.33 0.00	44.69 0.40 0.00	51.47 0.51 0.00	64.72 0.83 -0.08	88.61 0.79 0.00	104.25 0.52 0.00	91.56 0.73 0.00	70.63 0.63 0.00	66.62 0.72 0.00	57.16 0.45 0.00
ALBANY__4 23574	61.02 -0.06 0.00	54.24 0.11 0.00	54.72 0.05 0.00	55.23 0.06 0.00	55.53 -0.17 0.00	67.91 -0.14 0.00	89.06 0.18 0.00	127.24 0.00 0.00	91.10 0.45 0.00	64.42 0.32 0.00	50.02 -0.05 0.00	46.06 0.14 0.00	45.99 0.23 0.00	44.28 0.35 0.00	41.37 0.33 0.00	44.69 0.40 0.00	51.47 0.51 0.00	64.72 0.83 -0.08	88.61 0.79 0.00	104.25 0.52 0.00	91.56 0.73 0.00	70.63 0.63 0.00	66.62 0.72 0.00	57.16 0.45 0.00
ALBANY__LFG 323615	61.57 0.49 0.00	54.73 0.60 0.00	55.26 0.60 0.00	55.72 0.55 0.00	56.09 0.39 0.00	68.59 0.54 0.00	90.04 1.15 0.00	128.77 1.53 0.00	92.01 1.36 0.00	64.99 0.90 0.00	50.52 0.45 0.00	46.47 0.55 0.00	46.36 0.59 0.00	44.63 0.70 0.00	41.70 0.65 0.00	45.09 0.80 0.00	51.98 1.02 0.00	65.43 1.53 -0.09	89.67 1.85 0.00	105.39 1.65 0.00	92.56 1.72 0.00	71.40 1.40 0.00	67.28 1.39 0.00	57.73 1.02 0.00
ALCOA_PA_115KV_PL-6C 55860	61.33 0.25 0.00	54.19 0.05 0.00	54.66 0.00 0.00	55.17 0.00 0.00	71.17 0.39 -15.08	93.25 0.41 -24.79	153.32 0.54 -63.90	294.63 0.90 -166.50	102.03 0.36 -11.02	63.78 -0.32 0.00	50.22 0.15 0.00	46.06 0.14 0.00	45.95 0.18 0.00	44.02 0.09 0.00	41.17 0.12 0.00	44.42 0.13 0.00	51.12 0.15 0.00	63.30 -0.51 0.00	87.12 -0.71 0.00	103.52 -0.21 0.00	90.21 -0.63 0.00	69.79 -0.21 0.00	65.69 -0.20 0.00	56.71 0.00 0.00
ALCOA_RYNLDS__DRP 24188	61.33 0.24 0.00	54.30 0.16 0.00	54.83 0.16 0.00	55.17 0.00 0.00	71.39 0.61 -15.08	93.38 0.54 -24.79	153.32 0.53 -63.90	294.76 1.02 -166.50	102.03 0.36 -11.02	63.78 -0.32 0.00	50.22 0.15 0.00	45.92 0.00 0.00	45.72 -0.05 0.00	44.02 0.09 0.00	41.17 0.12 0.00	44.42 0.13 0.00	51.12 0.15 0.00	63.43 -0.38 0.00	87.12 -0.70 0.00	103.52 -0.21 0.00	90.20 -0.64 0.00	69.79 -0.21 0.00	65.69 -0.20 0.00	56.82 0.11 0.00
ALCOA__DSASP 323711	61.33 0.24 0.00	54.30 0.16 0.00	54.83 0.16 0.00	55.17 0.00 0.00	71.39 0.61 -15.08	93.38 0.54 -24.79	153.32 0.53 -63.90	294.76 1.02 -166.50	102.03 0.36 -11.02	63.78 -0.32 0.00	50.22 0.15 0.00	45.92 0.00 0.00	45.72 -0.05 0.00	44.02 0.09 0.00	41.17 0.12 0.00	44.42 0.13 0.00	51.12 0.15 0.00	63.43 -0.38 0.00	87.12 -0.70 0.00	103.52 -0.21 0.00	90.20 -0.64 0.00	69.79 -0.21 0.00	65.69 -0.20 0.00	56.82 0.11 0.00
ALLEGHENY__COGEN 23514	62.24 1.16 0.00	55.33 1.19 0.00	55.86 1.20 0.00	56.60 1.43 0.00	57.26 1.56 0.00	69.68 1.63 0.00	91.11 2.22 0.00	129.27 2.03 0.00	89.92 -0.73 0.00	63.07 -1.03 0.00	49.37 -0.70 0.00	44.54 -1.38 0.00	43.98 -1.79 0.00	42.13 -1.80 0.00	39.44 -1.60 0.00	42.47 -1.82 0.00	48.67 -2.29 0.00	61.74 -1.98 0.09	86.56 -1.23 0.03	103.52 -0.21 0.00	90.73 -0.09 0.01	69.37 -0.63 0.00	64.97 -0.92 0.00	56.71 0.00 0.00
ALTMONT_115KV_TB 2 55880	61.82 0.73 0.00	54.79 0.65 0.00	55.32 0.66 0.00	55.83 0.66 0.00	56.26 0.56 0.00	68.80 0.75 0.00	90.13 1.24 0.00	129.02 1.78 0.00	92.01 1.36 0.00	65.06 0.96 0.00	50.62 0.55 0.00	46.56 0.64 0.00	46.45 0.69 0.00	44.63 0.70 0.00	41.70 0.66 0.00	45.00 0.71 0.00	51.93 0.97 0.00	65.23 1.34 -0.08	89.58 1.76 0.00	105.60 1.87 0.00	92.65 1.82 0.00	71.40 1.40 0.00	67.28 1.38 0.00	57.67 0.96 0.00
ALTONA_WT_PWR 323606	61.27 0.18 0.00	53.76 -0.38 0.00	54.17 -0.49 0.00	54.73 -0.44 0.00	55.03 -0.67 0.00	66.55 -1.50 0.00	87.11 -1.78 0.00	125.20 -2.04 0.00	89.02 -1.63 0.00	62.30 -1.79 0.00	50.17 0.10 0.00	46.01 0.09 0.00	45.90 0.14 0.00	43.97 0.04 0.00	41.13 0.08 0.00	44.38 0.09 0.00	51.12 0.15 0.00	62.54 -1.28 0.00	85.46 -2.37 0.00	101.45 -2.28 0.00	88.47 -2.36 0.00	68.46 -1.54 0.00	64.91 -0.99 0.00	56.71 0.00 0.00
AMERICAN_REF_FUEL 24010	55.95 -5.13 0.00	49.86 -4.28 0.00	50.34 -4.32 0.00	50.92 -4.25 0.00	51.36 -4.34 0.00	61.38 -6.67 0.00	78.75 -10.14 0.00	110.58 -16.66 0.00	77.87 -12.78 0.00	55.70 -8.39 0.00	44.61 -5.46 0.00	40.22 -5.70 0.00	39.68 -6.09 0.00	38.00 -5.93 0.00	35.67 -5.38 0.00	38.40 -5.89 0.00	43.37 -7.59 0.00	54.20 -9.32 0.29	74.68 -12.91 0.24	88.58 -15.15 0.00	77.38 -13.35 0.11	59.49 -10.50 0.01	56.34 -9.55 0.00	50.24 -6.47 0.00
ARKWRIGHT__SUMMIT_WT_PWR 323751	59.31 -1.77 0.00	52.95 -1.19 0.00	53.51 -1.15 0.00	54.12 -1.05 0.00	54.75 -0.95 0.00	65.80 -2.24 0.00	85.15 -3.73 0.00	119.35 -7.89 0.00	83.31 -7.34 0.00	59.55 -4.55 0.00	47.32 -2.75 0.00	42.70 -3.22 0.00	42.01 -3.75 0.00	40.24 -3.69 0.00	37.68 -3.36 0.00	40.53 -3.76 0.00	45.72 -5.25 0.00	56.59 -6.95 0.27	79.10 -8.52 0.21	94.40 -9.34 0.00	81.94 -8.81 0.09	62.65 -7.35 0.01	58.77 -7.12 0.00	52.12 -4.59 0.00
ARTHUR_KILL_GT_1 23520	63.95 2.87 0.00	56.41 2.27 0.00	56.85 2.19 0.00	57.27 2.10 0.00	57.82 2.12 0.00	70.63 2.59 0.00	93.42 4.53 0.00	134.62 7.38 0.00	96.45 5.80 0.00	68.52 4.42 0.00	53.38 3.30 0.00	49.32 3.40 0.00	49.10 3.34 0.00	47.14 3.21 0.00	43.79 2.75 0.00	47.12 2.83 0.00	54.38 3.41 0.00	61.97 3.57 5.42	88.12 4.57 4.27	109.44 5.71 0.00	95.74 4.91 0.00	73.43 3.43 0.00	67.42 3.16 1.63	58.92 2.21 0.00
ARTHUR_KILL_2 23512	63.71 2.62 0.00	56.25 2.11 0.00	56.74 2.08 0.00	57.10 1.93 0.00	57.65 1.95 0.00	70.36 2.31 0.00	92.98 4.09 0.00	134.36 7.12 0.00	96.09 5.44 0.00	68.39 4.30 0.00	53.28 3.21 0.00	49.13 3.21 0.00	48.92 3.16 0.00	47.00 3.07 0.00	43.67 2.63 0.00	47.04 2.75 0.00	54.33 3.36 0.00	61.77 3.38 5.42	87.77 4.22 4.27	109.02 5.29 0.00	95.38 4.54 0.00	73.16 3.15 0.00	67.23 2.97 1.63	58.81 2.10 0.00
ARTHUR_KILL_3 23513	63.16 2.08 0.00	55.92 1.78 0.00	56.41 1.75 0.00	56.77 1.60 0.00	57.32 1.62 0.00	70.16 2.11 0.00	92.70 3.82 0.00	133.98 6.74 0.00	95.81 5.16 0.00	68.20 4.11 0.00	53.23 3.16 0.00	49.13 3.21 0.00	48.88 3.11 0.00	46.96 3.03 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.17 3.21 0.01	62.28 3.89 5.42	88.46 4.92 4.28	106.10 5.81 3.43	92.16 4.81 3.49	70.72 3.57 2.85	67.48 3.23 1.64	58.55 2.15 0.31

ARTHUR_KILL_COGEN 323718	63.89 2.81 0.00	56.41 2.27 0.00	56.90 2.24 0.00	57.27 2.10 0.00	57.82 2.12 0.00	70.57 2.52 0.00	93.33 4.44 0.00	134.74 7.51 0.00	96.36 5.71 0.00	68.52 4.42 0.00	53.38 3.30 0.00	49.27 3.35 0.00	49.01 3.25 0.00	47.13 3.21 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.43 3.47 0.00	61.97 3.57 5.42	88.12 4.56 4.27	109.43 5.70 0.00	95.65 4.81 0.00	73.43 3.43 0.00	67.42 3.16 1.63	58.98 2.27 0.00
ASHOKAN____ 23654	62.73 1.65 0.00	55.76 1.62 0.00	56.46 1.80 0.00	56.94 1.77 0.00	57.37 1.67 0.00	70.77 2.72 0.00	93.15 4.27 0.00	133.72 6.49 0.00	94.63 3.98 0.00	66.21 2.11 0.00	50.92 0.85 0.00	46.84 0.92 0.00	46.68 0.91 0.00	44.81 0.88 0.00	41.78 0.74 0.00	45.13 0.84 0.00	52.55 1.58 0.00	66.43 2.62 0.00	91.87 4.04 0.00	108.71 4.98 0.00	95.29 4.45 0.00	73.30 3.29 0.00	68.92 3.03 0.00	58.75 2.04 0.00
ASTORIA_EAST_ENERGY_CC1 323581	63.59 2.51 0.00	56.19 2.06 0.00	56.63 1.96 0.00	56.99 1.82 0.00	57.54 1.84 0.00	69.81 1.77 0.00	92.17 3.29 0.01	133.46 6.23 0.01	95.62 4.98 0.01	68.13 4.04 0.01	53.22 3.16 0.01	49.12 3.21 0.01	48.87 3.11 0.01	47.00 3.07 0.01	43.70 2.67 0.01	47.03 2.75 0.01	54.27 3.31 0.01	68.00 3.76 -0.42	92.47 4.65 0.01	109.53 5.81 0.01	95.55 4.72 0.01	73.56 3.57 0.01	69.12 3.23 0.00	59.09 2.38 0.00
ASTORIA_EAST_ENERGY_CC2 323582	63.59 2.51 0.00	56.19 2.06 0.00	56.63 1.96 0.00	56.99 1.82 0.00	57.54 1.84 0.00	69.81 1.77 0.00	92.17 3.29 0.01	133.46 6.23 0.01	95.62 4.98 0.01	68.13 4.04 0.01	53.22 3.16 0.01	49.12 3.21 0.01	48.87 3.11 0.01	47.00 3.07 0.01	43.70 2.67 0.01	47.03 2.75 0.01	54.27 3.31 0.01	68.00 3.76 -0.42	92.47 4.65 0.01	109.53 5.81 0.01	95.55 4.72 0.01	73.56 3.57 0.01	69.12 3.23 0.00	59.09 2.38 0.00
ASTORIA_GT2_1 24094	63.71 2.63 0.00	56.19 2.06 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.59 1.89 0.00	70.02 1.97 0.00	92.35 3.47 0.00	133.47 6.23 0.00	95.72 5.08 0.00	68.20 4.10 0.00	53.28 3.20 0.00	49.18 3.26 0.00	48.97 3.20 0.00	47.00 3.08 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.28 3.31 0.00	68.01 3.76 -0.43	92.57 4.74 0.00	109.54 5.81 0.00	95.65 4.81 0.00	73.57 3.57 0.00	69.19 3.29 0.00	59.09 2.38 0.00
ASTORIA_GT2_2 24095	63.71 2.63 0.00	56.19 2.06 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.59 1.89 0.00	70.02 1.97 0.00	92.35 3.47 0.00	133.47 6.23 0.00	95.72 5.08 0.00	68.20 4.10 0.00	53.28 3.20 0.00	49.18 3.26 0.00	48.97 3.20 0.00	47.00 3.08 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.28 3.31 0.00	68.01 3.76 -0.43	92.57 4.74 0.00	109.54 5.81 0.00	95.65 4.81 0.00	73.57 3.57 0.00	69.19 3.29 0.00	59.09 2.38 0.00
ASTORIA_GT2_3 24096	63.71 2.63 0.00	56.19 2.06 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.59 1.89 0.00	70.02 1.97 0.00	92.35 3.47 0.00	133.47 6.23 0.00	95.72 5.08 0.00	68.20 4.10 0.00	53.28 3.20 0.00	49.18 3.26 0.00	48.97 3.20 0.00	47.00 3.08 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.28 3.31 0.00	68.01 3.76 -0.43	92.57 4.74 0.00	109.54 5.81 0.00	95.65 4.81 0.00	73.57 3.57 0.00	69.19 3.29 0.00	59.09 2.38 0.00
ASTORIA_GT2_4 24097	63.71 2.63 0.00	56.19 2.06 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.59 1.89 0.00	70.02 1.97 0.00	92.35 3.47 0.00	133.47 6.23 0.00	95.72 5.08 0.00	68.20 4.10 0.00	53.28 3.20 0.00	49.18 3.26 0.00	48.97 3.20 0.00	47.00 3.08 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.28 3.31 0.00	68.01 3.76 -0.43	92.57 4.74 0.00	109.54 5.81 0.00	95.65 4.81 0.00	73.57 3.57 0.00	69.19 3.29 0.00	59.09 2.38 0.00
ASTORIA_GT3_1 24098	63.71 2.63 0.00	56.19 2.06 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.59 1.89 0.00	70.02 1.97 0.00	92.35 3.47 0.00	133.47 6.23 0.00	95.72 5.08 0.00	68.20 4.10 0.00	53.28 3.20 0.00	49.18 3.26 0.00	48.97 3.20 0.00	47.00 3.08 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.28 3.31 0.00	68.01 3.76 -0.43	92.57 4.74 0.00	109.54 5.81 0.00	95.65 4.81 0.00	73.57 3.57 0.00	69.19 3.29 0.00	59.09 2.38 0.00
ASTORIA_GT3_2 24099	63.71 2.63 0.00	56.19 2.06 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.59 1.89 0.00	70.02 1.97 0.00	92.35 3.47 0.00	133.47 6.23 0.00	95.72 5.08 0.00	68.20 4.10 0.00	53.28 3.20 0.00	49.18 3.26 0.00	48.97 3.20 0.00	47.00 3.08 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.28 3.31 0.00	68.01 3.76 -0.43	92.57 4.74 0.00	109.54 5.81 0.00	95.65 4.81 0.00	73.57 3.57 0.00	69.19 3.29 0.00	59.09 2.38 0.00
ASTORIA_GT3_3 24100	63.71 2.63 0.00	56.19 2.06 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.59 1.89 0.00	70.02 1.97 0.00	92.35 3.47 0.00	133.47 6.23 0.00	95.72 5.08 0.00	68.20 4.10 0.00	53.28 3.20 0.00	49.18 3.26 0.00	48.97 3.20 0.00	47.00 3.08 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.28 3.31 0.00	68.01 3.76 -0.43	92.57 4.74 0.00	109.54 5.81 0.00	95.65 4.81 0.00	73.57 3.57 0.00	69.19 3.29 0.00	59.09 2.38 0.00
ASTORIA_GT3_4 24101	63.71 2.63 0.00	56.19 2.06 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.59 1.89 0.00	70.02 1.97 0.00	92.35 3.47 0.00	133.47 6.23 0.00	95.72 5.08 0.00	68.20 4.10 0.00	53.28 3.20 0.00	49.18 3.26 0.00	48.97 3.20 0.00	47.00 3.08 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.28 3.31 0.00	68.01 3.76 -0.43	92.57 4.74 0.00	109.54 5.81 0.00	95.65 4.81 0.00	73.57 3.57 0.00	69.19 3.29 0.00	59.09 2.38 0.00
ASTORIA_GT4_1 24102	63.71 2.63 0.00	56.19 2.06 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.59 1.89 0.00	70.02 1.97 0.00	92.35 3.47 0.00	133.47 6.23 0.00	95.72 5.08 0.00	68.20 4.10 0.00	53.28 3.20 0.00	49.18 3.26 0.00	48.97 3.20 0.00	47.00 3.08 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.28 3.31 0.00	68.01 3.76 -0.43	92.57 4.74 0.00	109.54 5.81 0.00	95.65 4.81 0.00	73.57 3.57 0.00	69.19 3.29 0.00	59.09 2.38 0.00
ASTORIA_GT4_2 24103	63.71 2.63 0.00	56.19 2.06 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.59 1.89 0.00	70.02 1.97 0.00	92.35 3.47 0.00	133.47 6.23 0.00	95.72 5.08 0.00	68.20 4.10 0.00	53.28 3.20 0.00	49.18 3.26 0.00	48.97 3.20 0.00	47.00 3.08 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.28 3.31 0.00	68.01 3.76 -0.43	92.57 4.74 0.00	109.54 5.81 0.00	95.65 4.81 0.00	73.57 3.57 0.00	69.19 3.29 0.00	59.09 2.38 0.00
ASTORIA_GT4_3 24104	63.71 2.63 0.00	56.19 2.06 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.59 1.89 0.00	70.02 1.97 0.00	92.35 3.47 0.00	133.47 6.23 0.00	95.72 5.08 0.00	68.20 4.10 0.00	53.28 3.20 0.00	49.18 3.26 0.00	48.97 3.20 0.00	47.00 3.08 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.28 3.31 0.00	68.01 3.76 -0.43	92.57 4.74 0.00	109.54 5.81 0.00	95.65 4.81 0.00	73.57 3.57 0.00	69.19 3.29 0.00	59.09 2.38 0.00

ASTORIA_GT4_4 24105	63.71 2.63 0.00	56.19 2.06 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.59 1.89 0.00	70.02 1.97 0.00	92.35 3.47 0.00	133.47 6.23 0.00	95.72 5.08 0.00	68.20 4.10 0.00	53.28 3.20 0.00	49.18 3.26 0.00	48.97 3.20 0.00	47.00 3.08 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.28 3.31 0.00	68.01 3.76 -0.43	92.57 4.74 0.00	109.54 5.81 0.00	95.65 4.81 0.00	73.57 3.57 0.00	69.19 3.29 0.00	59.09 2.38 0.00
ASTORIA_GT_1 23523	63.77 2.69 0.00	56.30 2.17 0.00	56.74 2.08 0.00	57.16 1.99 0.00	57.65 1.95 0.00	70.09 2.04 0.00	92.53 3.64 0.00	133.73 6.49 0.00	95.91 5.26 0.00	68.33 4.23 0.00	53.38 3.30 0.00	49.27 3.35 0.00	49.06 3.29 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.08 2.79 0.00	54.38 3.41 0.00	68.13 3.89 -0.43	92.74 4.92 0.00	109.75 6.02 0.00	95.83 5.00 0.00	73.71 3.71 0.00	69.25 3.36 0.00	59.15 2.44 0.00
ASTORIA_GT_10 24110	63.77 2.69 0.00	56.30 2.17 0.00	56.79 2.13 0.00	57.21 2.04 0.00	57.71 2.01 0.00	70.50 2.45 0.00	93.06 4.18 0.00	134.36 7.13 0.00	96.36 5.71 0.00	68.58 4.49 0.00	53.53 3.45 0.00	49.45 3.54 0.00	49.24 3.48 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.39 4.15 -0.43	93.09 5.27 0.00	110.06 6.33 0.00	96.11 5.27 0.00	73.92 3.92 0.00	69.52 3.62 0.00	59.20 2.50 0.00
ASTORIA_GT_11 24225	63.77 2.69 0.00	56.30 2.17 0.00	56.79 2.13 0.00	57.21 2.04 0.00	57.71 2.01 0.00	70.50 2.45 0.00	93.06 4.18 0.00	134.36 7.13 0.00	96.36 5.71 0.00	68.58 4.49 0.00	53.53 3.45 0.00	49.45 3.54 0.00	49.24 3.48 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.39 4.15 -0.43	93.09 5.27 0.00	110.06 6.33 0.00	96.11 5.27 0.00	73.92 3.92 0.00	69.52 3.62 0.00	59.20 2.50 0.00
ASTORIA_GT_12 24226	63.77 2.69 0.00	56.30 2.17 0.00	56.79 2.13 0.00	57.21 2.04 0.00	57.71 2.01 0.00	70.50 2.45 0.00	93.06 4.18 0.00	134.36 7.13 0.00	96.36 5.71 0.00	68.58 4.49 0.00	53.53 3.45 0.00	49.45 3.54 0.00	49.24 3.48 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.39 4.15 -0.43	93.09 5.27 0.00	110.06 6.33 0.00	96.11 5.27 0.00	73.92 3.92 0.00	69.52 3.62 0.00	59.20 2.50 0.00
ASTORIA_GT_13 24227	63.77 2.69 0.00	56.30 2.17 0.00	56.79 2.13 0.00	57.21 2.04 0.00	57.71 2.01 0.00	70.50 2.45 0.00	93.06 4.18 0.00	134.36 7.13 0.00	96.36 5.71 0.00	68.58 4.49 0.00	53.53 3.45 0.00	49.45 3.54 0.00	49.24 3.48 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.39 4.15 -0.43	93.09 5.27 0.00	110.06 6.33 0.00	96.11 5.27 0.00	73.92 3.92 0.00	69.52 3.62 0.00	59.20 2.50 0.00
ASTORIA_GT_5 24106	63.77 2.69 0.00	56.30 2.17 0.00	56.74 2.08 0.00	57.16 1.99 0.00	57.65 1.95 0.00	70.09 2.04 0.00	92.53 3.64 0.00	133.73 6.49 0.00	95.91 5.26 0.00	68.33 4.23 0.00	53.38 3.30 0.00	49.27 3.35 0.00	49.06 3.29 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.08 2.79 0.00	54.38 3.41 0.00	68.13 3.89 -0.43	92.74 4.92 0.00	109.75 6.02 0.00	95.83 5.00 0.00	73.71 3.71 0.00	69.25 3.36 0.00	59.15 2.44 0.00
ASTORIA_GT_7 24107	63.77 2.69 0.00	56.30 2.17 0.00	56.74 2.08 0.00	57.16 1.99 0.00	57.65 1.95 0.00	70.09 2.04 0.00	92.53 3.64 0.00	133.73 6.49 0.00	95.91 5.26 0.00	68.33 4.23 0.00	53.38 3.30 0.00	49.27 3.35 0.00	49.06 3.29 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.08 2.79 0.00	54.38 3.41 0.00	68.13 3.89 -0.43	92.74 4.92 0.00	109.75 6.02 0.00	95.83 5.00 0.00	73.71 3.71 0.00	69.25 3.36 0.00	59.15 2.44 0.00
ASTORIA_GT_8 24108	63.77 2.69 0.00	56.30 2.17 0.00	56.74 2.08 0.00	57.16 1.99 0.00	57.65 1.95 0.00	70.09 2.04 0.00	92.53 3.64 0.00	133.73 6.49 0.00	95.91 5.26 0.00	68.33 4.23 0.00	53.38 3.30 0.00	49.27 3.35 0.00	49.06 3.29 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.08 2.79 0.00	54.38 3.41 0.00	68.13 3.89 -0.43	92.74 4.92 0.00	109.75 6.02 0.00	95.83 5.00 0.00	73.71 3.71 0.00	69.25 3.36 0.00	59.15 2.44 0.00
ASTORIA___2 24149	63.65 2.56 0.00	56.19 2.06 0.00	56.69 2.02 0.00	57.05 1.88 0.00	57.60 1.89 0.00	69.89 1.84 0.00	92.25 3.38 0.01	133.46 6.23 0.01	95.62 4.98 0.01	68.20 4.11 0.01	53.27 3.21 0.01	49.12 3.21 0.01	48.91 3.16 0.01	47.00 3.07 0.01	43.70 2.67 0.01	47.03 2.75 0.01	54.27 3.31 0.01	68.00 3.76 -0.42	92.55 4.74 0.01	109.53 5.81 0.01	95.55 4.72 0.01	73.56 3.57 0.01	69.19 3.29 0.00	59.09 2.38 0.00
ASTORIA___3 23516	63.71 2.62 0.00	56.30 2.17 0.00	56.79 2.13 0.00	57.15 1.98 0.00	57.70 2.00 0.00	70.43 2.38 0.00	92.98 4.09 0.00	134.49 7.25 0.00	96.27 5.62 0.00	68.58 4.49 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.39 4.15 -0.43	93.09 5.27 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.92 3.92 0.00	69.51 3.62 0.00	59.26 2.55 0.00
ASTORIA___4 23517	63.77 2.69 0.00	56.30 2.17 0.00	56.79 2.13 0.00	57.21 2.04 0.00	57.71 2.01 0.00	70.50 2.45 0.00	93.06 4.18 0.00	134.36 7.13 0.00	96.36 5.71 0.00	68.58 4.49 0.00	53.53 3.45 0.00	49.45 3.54 0.00	49.24 3.48 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.39 4.15 -0.43	93.09 5.27 0.00	110.06 6.33 0.00	96.11 5.27 0.00	73.92 3.92 0.00	69.52 3.62 0.00	59.20 2.50 0.00
ASTORIA___5 23518	63.71 2.62 0.00	56.30 2.17 0.00	56.79 2.13 0.00	57.15 1.98 0.00	57.70 2.00 0.00	70.43 2.38 0.00	92.98 4.09 0.00	134.49 7.25 0.00	96.27 5.62 0.00	68.58 4.49 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.39 4.15 -0.43	93.09 5.27 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.92 3.92 0.00	69.51 3.62 0.00	59.26 2.55 0.00
AST_ENERGY_2_CC3 323677	63.28 2.20 0.00	55.98 1.84 0.00	56.46 1.80 0.00	56.88 1.71 0.00	57.43 1.73 0.00	70.29 2.24 0.00	92.79 3.91 0.00	133.98 6.74 0.00	95.81 5.16 0.00	68.26 4.16 0.00	53.23 3.16 0.00	49.13 3.21 0.00	48.88 3.11 0.00	47.00 3.07 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.23 3.26 0.00	68.26 4.02 -0.43	92.92 5.09 0.00	109.74 6.01 0.00	95.92 5.08 0.00	73.78 3.78 0.00	69.32 3.42 0.00	58.98 2.27 0.00
AST_ENERGY_2_CC4 323678	63.28 2.20 0.00	55.98 1.84 0.00	56.46 1.80 0.00	56.88 1.71 0.00	57.43 1.73 0.00	70.29 2.24 0.00	92.79 3.91 0.00	133.98 6.74 0.00	95.81 5.16 0.00	68.26 4.16 0.00	53.23 3.16 0.00	49.13 3.21 0.00	48.88 3.11 0.00	47.00 3.07 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.23 3.26 0.00	68.26 4.02 -0.43	92.92 5.09 0.00	109.74 6.01 0.00	95.92 5.08 0.00	73.78 3.78 0.00	69.32 3.42 0.00	58.98 2.27 0.00

ATHENS_STG_1 23668	62.18 1.10 0.00	55.11 0.98 0.00	55.65 0.98 0.00	56.11 0.94 0.00	56.59 0.89 0.00	69.20 1.16 0.00	90.75 1.87 0.00	130.29 3.05 0.00	93.00 2.35 0.00	66.02 1.92 0.00	51.42 1.35 0.00	47.34 1.43 0.00	47.23 1.46 0.00	45.38 1.45 0.00	42.36 1.31 0.00	45.62 1.33 0.00	52.60 1.63 0.00	66.04 2.10 -0.13	90.46 2.63 0.00	106.63 2.90 0.00	93.47 2.64 0.00	72.04 2.03 0.00	67.87 1.97 0.00	58.13 1.42 0.00
ATHENS_STG_2 23670	62.18 1.10 0.00	55.11 0.98 0.00	55.65 0.98 0.00	56.11 0.94 0.00	56.59 0.89 0.00	69.20 1.16 0.00	90.75 1.87 0.00	130.29 3.05 0.00	93.00 2.35 0.00	66.02 1.92 0.00	51.42 1.35 0.00	47.34 1.43 0.00	47.23 1.46 0.00	45.38 1.45 0.00	42.36 1.31 0.00	45.62 1.33 0.00	52.60 1.63 0.00	66.04 2.10 -0.13	90.46 2.63 0.00	106.63 2.90 0.00	93.47 2.64 0.00	72.04 2.03 0.00	67.87 1.97 0.00	58.13 1.42 0.00
ATHENS_STG_3 23677	62.18 1.10 0.00	55.11 0.98 0.00	55.65 0.98 0.00	56.11 0.94 0.00	56.59 0.89 0.00	69.20 1.16 0.00	90.75 1.87 0.00	130.29 3.05 0.00	93.00 2.35 0.00	66.02 1.92 0.00	51.42 1.35 0.00	47.34 1.43 0.00	47.23 1.46 0.00	45.38 1.45 0.00	42.36 1.31 0.00	45.62 1.33 0.00	52.60 1.63 0.00	66.04 2.10 -0.13	90.46 2.63 0.00	106.63 2.90 0.00	93.47 2.64 0.00	72.04 2.03 0.00	67.87 1.97 0.00	58.13 1.42 0.00
AUBURN___LFGE 323710	61.08 0.00 0.00	54.14 0.00 0.00	54.66 0.00 0.00	55.23 0.06 0.00	55.81 0.11 0.00	68.12 0.07 0.00	89.24 0.36 0.00	128.00 0.76 0.00	90.56 -0.09 0.00	64.03 -0.06 0.00	50.07 0.00 0.00	45.69 -0.23 0.00	45.49 -0.27 0.00	43.58 -0.35 0.00	40.72 -0.33 0.00	43.94 -0.35 0.00	50.46 -0.51 0.00	63.32 -0.45 0.05	87.56 -0.26 0.00	103.73 0.00 0.00	90.84 0.00 0.00	69.86 -0.14 0.00	65.56 -0.33 0.00	56.60 -0.11 0.00
BABYLON_RES_REC 323704	64.88 3.79 -0.01	57.34 3.19 -0.01	57.61 2.95 0.00	57.93 2.76 0.00	58.65 2.95 0.00	71.79 3.74 0.00	93.68 4.80 0.00	132.97 5.73 0.00	95.63 4.98 0.00	69.29 5.19 0.00	54.19 4.11 -0.01	49.88 3.95 -0.01	49.66 3.89 -0.01	47.49 3.56 0.00	44.08 3.04 0.00	47.70 3.41 0.00	55.15 4.18 -0.01	69.80 5.55 -0.44	94.77 6.94 -0.01	111.83 8.10 0.00	97.29 6.45 0.00	86.25 5.74 -10.50	76.56 5.40 -5.26	60.80 4.09 -0.01
BALL_HILL_WT_PWR 323825	58.64 -2.45 0.00	52.30 -1.84 0.00	52.86 -1.80 0.00	53.46 -1.71 0.00	53.97 -1.73 0.00	64.78 -3.27 0.00	83.73 -5.16 0.00	117.31 -9.92 0.00	82.22 -8.43 0.00	58.78 -5.32 0.00	46.87 -3.21 0.00	42.29 -3.63 0.00	41.69 -4.07 0.00	39.93 -4.00 0.00	37.43 -3.61 0.00	40.26 -4.03 0.00	45.46 -5.51 0.00	56.26 -7.28 0.27	78.57 -9.04 0.21	93.67 -10.06 0.00	81.58 -9.17 0.09	62.57 -7.42 0.01	58.97 -6.92 0.00	52.51 -4.20 0.00
BARON_WINDS___WT_PWR 323822	59.68 -1.40 0.00	53.22 -0.92 0.00	53.84 -0.82 0.00	54.45 -0.72 0.00	55.14 -0.56 0.00	66.55 -1.50 0.00	86.57 -2.31 0.00	122.53 -4.71 0.00	86.03 -4.62 0.00	61.02 -3.08 0.00	48.17 -1.90 0.00	43.62 -2.29 0.00	43.20 -2.56 0.00	41.43 -2.50 0.00	38.71 -2.34 0.00	41.63 -2.66 0.00	47.35 -3.62 0.00	59.10 -4.53 0.19	82.45 -5.27 0.11	98.23 -5.50 0.00	85.80 -5.00 0.04	65.59 -4.41 0.00	61.61 -4.28 0.00	54.05 -2.66 0.00
BARRETT_IC_1 23704	64.14 3.05 -0.01	56.69 2.54 -0.01	57.01 2.35 0.00	57.38 2.21 0.00	58.04 2.34 0.00	70.97 2.92 0.00	92.08 3.20 0.00	131.19 3.95 0.00	94.37 3.72 0.00	68.72 4.62 0.00	53.58 3.50 -0.01	49.42 3.49 -0.01	49.25 3.48 -0.01	47.13 3.21 0.00	43.79 2.75 0.00	47.34 3.05 0.00	54.65 3.67 -0.01	68.97 4.72 -0.44	92.92 5.09 -0.01	109.74 6.01 0.00	95.56 4.72 0.00	83.56 4.20 -9.36	75.50 4.35 -5.26	59.95 3.23 -0.01
BARRETT_IC_10 23701	64.14 3.05 -0.01	56.69 2.54 -0.01	57.01 2.35 0.00	57.38 2.21 0.00	58.04 2.34 0.00	70.97 2.92 0.00	92.08 3.20 0.00	131.19 3.95 0.00	94.37 3.72 0.00	68.72 4.62 0.00	53.58 3.50 -0.01	49.42 3.49 -0.01	49.25 3.48 -0.01	47.13 3.21 0.00	43.79 2.75 0.00	47.34 3.05 0.00	54.65 3.67 -0.01	68.97 4.72 -0.44	92.92 5.09 -0.01	109.74 6.01 0.00	95.56 4.72 0.00	83.56 4.20 -9.36	75.50 4.35 -5.26	59.95 3.23 -0.01
BARRETT_IC_11 23702	64.14 3.05 -0.01	56.69 2.54 -0.01	57.01 2.35 0.00	57.38 2.21 0.00	58.04 2.34 0.00	70.97 2.92 0.00	92.08 3.20 0.00	131.19 3.95 0.00	94.37 3.72 0.00	68.72 4.62 0.00	53.58 3.50 -0.01	49.42 3.49 -0.01	49.25 3.48 -0.01	47.13 3.21 0.00	43.79 2.75 0.00	47.34 3.05 0.00	54.65 3.67 -0.01	68.97 4.72 -0.44	92.92 5.09 -0.01	109.74 6.01 0.00	95.56 4.72 0.00	83.56 4.20 -9.36	75.50 4.35 -5.26	59.95 3.23 -0.01
BARRETT_IC_12 23703	64.14 3.05 -0.01	56.69 2.54 -0.01	57.01 2.35 0.00	57.38 2.21 0.00	58.04 2.34 0.00	70.97 2.92 0.00	92.08 3.20 0.00	131.19 3.95 0.00	94.37 3.72 0.00	68.72 4.62 0.00	53.58 3.50 -0.01	49.42 3.49 -0.01	49.25 3.48 -0.01	47.13 3.21 0.00	43.79 2.75 0.00	47.34 3.05 0.00	54.65 3.67 -0.01	68.97 4.72 -0.44	92.92 5.09 -0.01	109.74 6.01 0.00	95.56 4.72 0.00	83.56 4.20 -9.36	75.50 4.35 -5.26	59.95 3.23 -0.01
BARRETT_IC_2 23705	64.14 3.05 -0.01	56.69 2.54 -0.01	57.01 2.35 0.00	57.38 2.21 0.00	58.04 2.34 0.00	70.97 2.92 0.00	92.08 3.20 0.00	131.19 3.95 0.00	94.37 3.72 0.00	68.72 4.62 0.00	53.58 3.50 -0.01	49.42 3.49 -0.01	49.25 3.48 -0.01	47.13 3.21 0.00	43.79 2.75 0.00	47.34 3.05 0.00	54.65 3.67 -0.01	68.97 4.72 -0.44	92.92 5.09 -0.01	109.74 6.01 0.00	95.56 4.72 0.00	83.56 4.20 -9.36	75.50 4.35 -5.26	59.95 3.23 -0.01
BARRETT_IC_3 23706	64.14 3.05 -0.01	56.69 2.54 -0.01	57.01 2.35 0.00	57.38 2.21 0.00	58.04 2.34 0.00	70.97 2.92 0.00	92.08 3.20 0.00	131.19 3.95 0.00	94.37 3.72 0.00	68.72 4.62 0.00	53.58 3.50 -0.01	49.42 3.49 -0.01	49.25 3.48 -0.01	47.13 3.21 0.00	43.79 2.75 0.00	47.34 3.05 0.00	54.65 3.67 -0.01	68.97 4.72 -0.44	92.92 5.09 -0.01	109.74 6.01 0.00	95.56 4.72 0.00	83.56 4.20 -9.36	75.50 4.35 -5.26	59.95 3.23 -0.01
BARRETT_IC_4 23707	64.14 3.05 -0.01	56.69 2.54 -0.01	57.01 2.35 0.00	57.38 2.21 0.00	58.04 2.34 0.00	70.97 2.92 0.00	92.08 3.20 0.00	131.19 3.95 0.00	94.37 3.72 0.00	68.72 4.62 0.00	53.58 3.50 -0.01	49.42 3.49 -0.01	49.25 3.48 -0.01	47.13 3.21 0.00	43.79 2.75 0.00	47.34 3.05 0.00	54.65 3.67 -0.01	68.97 4.72 -0.44	92.92 5.09 -0.01	109.74 6.01 0.00	95.56 4.72 0.00	83.56 4.20 -9.36	75.50 4.35 -5.26	59.95 3.23 -0.01
BARRETT_IC_5 23708	64.14 3.05 -0.01	56.69 2.54 -0.01	57.01 2.35 0.00	57.38 2.21 0.00	58.04 2.34 0.00	70.97 2.92 0.00	92.08 3.20 0.00	131.19 3.95 0.00	94.37 3.72 0.00	68.72 4.62 0.00	53.58 3.50 -0.01	49.42 3.49 -0.01	49.25 3.48 -0.01	47.13 3.21 0.00	43.79 2.75 0.00	47.34 3.05 0.00	54.65 3.67 -0.01	68.97 4.72 -0.44	92.92 5.09 -0.01	109.74 6.01 0.00	95.56 4.72 0.00	83.56 4.20 -9.36	75.50 4.35 -5.26	59.95 3.23 -0.01

BARRETT_IC_6 23709	64.14 3.05 -0.01	56.69 2.54 -0.01	57.01 2.35 0.00	57.38 2.21 0.00	58.04 2.34 0.00	70.97 2.92 0.00	92.08 3.20 0.00	131.19 3.95 0.00	94.37 3.72 0.00	68.72 4.62 0.00	53.58 3.50 -0.01	49.42 3.49 -0.01	49.25 3.48 -0.01	47.13 3.21 0.00	43.79 2.75 0.00	47.34 3.05 0.00	54.65 3.67 -0.01	68.97 4.72 -0.44	92.92 5.09 -0.01	109.74 6.01 0.00	95.56 4.72 0.00	83.56 4.20 -9.36	75.50 4.35 -5.26	59.95 3.23 -0.01
BARRETT_IC_7 23710	64.02 2.93 -0.01	56.69 2.54 -0.01	57.01 2.35 0.00	57.38 2.21 0.00	57.98 2.28 0.00	70.97 2.93 0.00	92.62 3.73 0.00	131.06 3.82 0.00	95.00 4.35 0.00	68.71 4.62 0.00	53.59 3.50 -0.01	49.46 3.54 -0.01	49.34 3.57 -0.01	47.14 3.21 0.00	43.79 2.75 0.00	47.35 3.06 0.00	54.59 3.62 -0.01	68.97 4.72 -0.44	93.01 5.18 -0.01	109.75 6.02 0.00	95.65 4.81 0.00	83.56 4.20 -9.36	75.50 4.35 -5.26	59.89 3.18 -0.01
BARRETT_IC_8 23711	64.14 3.05 -0.01	56.69 2.54 -0.01	57.01 2.35 0.00	57.38 2.21 0.00	58.04 2.34 0.00	70.97 2.92 0.00	92.08 3.20 0.00	131.19 3.95 0.00	94.37 3.72 0.00	68.72 4.62 0.00	53.58 3.50 -0.01	49.42 3.49 -0.01	49.25 3.48 -0.01	47.13 3.21 0.00	43.79 2.75 0.00	47.34 3.05 0.00	54.65 3.67 -0.01	68.97 4.72 -0.44	92.92 5.09 -0.01	109.74 6.01 0.00	95.56 4.72 0.00	83.56 4.20 -9.36	75.50 4.35 -5.26	59.95 3.23 -0.01
BARRETT_IC_9 23700	64.14 3.05 -0.01	56.69 2.54 -0.01	57.01 2.35 0.00	57.38 2.21 0.00	58.04 2.34 0.00	70.97 2.92 0.00	92.08 3.20 0.00	131.19 3.95 0.00	94.37 3.72 0.00	68.72 4.62 0.00	53.58 3.50 -0.01	49.42 3.49 -0.01	49.25 3.48 -0.01	47.13 3.21 0.00	43.79 2.75 0.00	47.34 3.05 0.00	54.65 3.67 -0.01	68.97 4.72 -0.44	92.92 5.09 -0.01	109.74 6.01 0.00	95.56 4.72 0.00	83.56 4.20 -9.36	75.50 4.35 -5.26	59.95 3.23 -0.01
BARRETT__1 23545	64.14 3.05 -0.01	56.69 2.54 -0.01	57.01 2.35 0.00	57.38 2.21 0.00	58.04 2.34 0.00	70.97 2.92 0.00	92.08 3.20 0.00	131.19 3.95 0.00	94.37 3.72 0.00	68.72 4.62 0.00	53.58 3.50 -0.01	49.42 3.49 -0.01	49.25 3.48 -0.01	47.13 3.21 0.00	43.79 2.75 0.00	47.34 3.05 0.00	54.65 3.67 -0.01	68.97 4.72 -0.44	92.92 5.09 -0.01	109.74 6.01 0.00	95.56 4.72 0.00	83.56 4.20 -9.36	75.50 4.35 -5.26	59.95 3.23 -0.01
BARRETT__2 23546	64.14 3.05 -0.01	56.69 2.54 -0.01	57.01 2.35 0.00	57.38 2.21 0.00	58.04 2.34 0.00	70.97 2.92 0.00	92.08 3.20 0.00	131.19 3.95 0.00	94.37 3.72 0.00	68.72 4.62 0.00	53.58 3.50 -0.01	49.42 3.49 -0.01	49.25 3.48 -0.01	47.13 3.21 0.00	43.79 2.75 0.00	47.34 3.05 0.00	54.65 3.67 -0.01	68.97 4.72 -0.44	92.92 5.09 -0.01	109.74 6.01 0.00	95.56 4.72 0.00	83.56 4.20 -9.36	75.50 4.35 -5.26	59.95 3.23 -0.01
BATAVIA__115KV_TB1 55881	58.46 -2.63 0.00	51.97 -2.17 0.00	52.42 -2.24 0.00	53.19 -1.99 0.00	53.47 -2.23 0.00	64.78 -3.27 0.00	83.91 -4.98 0.00	118.71 -8.53 0.00	83.40 -7.25 0.00	59.16 -4.94 0.00	47.17 -2.90 0.00	42.57 -3.35 0.00	42.06 -3.71 0.00	40.20 -3.73 0.00	37.68 -3.37 0.00	40.61 -3.68 0.00	46.17 -4.79 0.00	57.88 -5.68 0.25	80.07 -7.55 0.20	95.22 -8.51 0.00	83.01 -7.72 0.10	63.76 -6.23 0.01	60.16 -5.73 0.00	53.25 -3.46 0.00
BAYONEEC__CTG1 323682	63.40 2.32 0.00	56.08 1.95 0.00	56.57 1.91 0.00	56.99 1.82 0.00	57.54 1.84 0.00	70.43 2.38 0.00	92.98 4.09 0.00	134.36 7.12 0.00	96.09 5.44 0.00	68.39 4.30 0.00	53.38 3.30 0.00	49.23 3.31 0.00	49.01 3.25 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.33 3.36 0.00	68.33 4.09 -0.43	93.09 5.27 0.00	109.95 6.22 0.00	96.01 5.18 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.09 2.38 0.00
BAYONEEC__CTG10 323750	63.40 2.32 0.00	56.08 1.95 0.00	56.57 1.91 0.00	56.99 1.82 0.00	57.54 1.84 0.00	70.43 2.38 0.00	92.98 4.09 0.00	134.36 7.12 0.00	96.09 5.44 0.00	68.39 4.30 0.00	53.38 3.30 0.00	49.23 3.31 0.00	49.01 3.25 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.33 3.36 0.00	68.33 4.09 -0.43	93.09 5.27 0.00	109.95 6.22 0.00	96.01 5.18 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.09 2.38 0.00
BAYONEEC__CTG2 323683	63.40 2.32 0.00	56.08 1.95 0.00	56.57 1.91 0.00	56.99 1.82 0.00	57.54 1.84 0.00	70.43 2.38 0.00	92.98 4.09 0.00	134.36 7.12 0.00	96.09 5.44 0.00	68.39 4.30 0.00	53.38 3.30 0.00	49.23 3.31 0.00	49.01 3.25 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.33 3.36 0.00	68.33 4.09 -0.43	93.09 5.27 0.00	109.95 6.22 0.00	96.01 5.18 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.09 2.38 0.00
BAYONEEC__CTG3 323684	63.40 2.32 0.00	56.08 1.95 0.00	56.57 1.91 0.00	56.99 1.82 0.00	57.54 1.84 0.00	70.43 2.38 0.00	92.98 4.09 0.00	134.36 7.12 0.00	96.09 5.44 0.00	68.39 4.30 0.00	53.38 3.30 0.00	49.23 3.31 0.00	49.01 3.25 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.33 3.36 0.00	68.33 4.09 -0.43	93.09 5.27 0.00	109.95 6.22 0.00	96.01 5.18 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.09 2.38 0.00
BAYONEEC__CTG4 323685	63.40 2.32 0.00	56.08 1.95 0.00	56.57 1.91 0.00	56.99 1.82 0.00	57.54 1.84 0.00	70.43 2.38 0.00	92.98 4.09 0.00	134.36 7.12 0.00	96.09 5.44 0.00	68.39 4.30 0.00	53.38 3.30 0.00	49.23 3.31 0.00	49.01 3.25 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.33 3.36 0.00	68.33 4.09 -0.43	93.09 5.27 0.00	109.95 6.22 0.00	96.01 5.18 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.09 2.38 0.00
BAYONEEC__CTG5 323686	63.40 2.32 0.00	56.08 1.95 0.00	56.57 1.91 0.00	56.99 1.82 0.00	57.54 1.84 0.00	70.43 2.38 0.00	92.98 4.09 0.00	134.36 7.12 0.00	96.09 5.44 0.00	68.39 4.30 0.00	53.38 3.30 0.00	49.23 3.31 0.00	49.01 3.25 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.33 3.36 0.00	68.33 4.09 -0.43	93.09 5.27 0.00	109.95 6.22 0.00	96.01 5.18 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.09 2.38 0.00
BAYONEEC__CTG6 323687	63.40 2.32 0.00	56.08 1.95 0.00	56.57 1.91 0.00	56.99 1.82 0.00	57.54 1.84 0.00	70.43 2.38 0.00	92.98 4.09 0.00	134.36 7.12 0.00	96.09 5.44 0.00	68.39 4.30 0.00	53.38 3.30 0.00	49.23 3.31 0.00	49.01 3.25 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.33 3.36 0.00	68.33 4.09 -0.43	93.09 5.27 0.00	109.95 6.22 0.00	96.01 5.18 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.09 2.38 0.00
BAYONEEC__CTG7 323688	63.40 2.32 0.00	56.08 1.95 0.00	56.57 1.91 0.00	56.99 1.82 0.00	57.54 1.84 0.00	70.43 2.38 0.00	92.98 4.09 0.00	134.36 7.12 0.00	96.09 5.44 0.00	68.39 4.30 0.00	53.38 3.30 0.00	49.23 3.31 0.00	49.01 3.25 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.33 3.36 0.00	68.33 4.09 -0.43	93.09 5.27 0.00	109.95 6.22 0.00	96.01 5.18 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.09 2.38 0.00

BAYONEEC___CTG8 323689	63.40 2.32 0.00	56.08 1.95 0.00	56.57 1.91 0.00	56.99 1.82 0.00	57.54 1.84 0.00	70.43 2.38 0.00	92.98 4.09 0.00	134.36 7.12 0.00	96.09 5.44 0.00	68.39 4.30 0.00	53.38 3.30 0.00	49.23 3.31 0.00	49.01 3.25 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.33 3.36 0.00	68.33 4.09 -0.43	93.09 5.27 0.00	109.95 6.22 0.00	96.01 5.18 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.09 2.38 0.00
BAYONEEC___CTG9 323749	63.40 2.32 0.00	56.08 1.95 0.00	56.57 1.91 0.00	56.99 1.82 0.00	57.54 1.84 0.00	70.43 2.38 0.00	92.98 4.09 0.00	134.36 7.12 0.00	96.09 5.44 0.00	68.39 4.30 0.00	53.38 3.30 0.00	49.23 3.31 0.00	49.01 3.25 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.33 3.36 0.00	68.33 4.09 -0.43	93.09 5.27 0.00	109.95 6.22 0.00	96.01 5.18 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.09 2.38 0.00
BEACON___LESR 323632	62.06 0.97 0.00	55.11 0.98 0.00	55.65 0.98 0.00	56.11 0.94 0.00	56.48 0.78 0.00	69.20 1.16 0.00	90.84 1.95 0.00	129.91 2.68 0.00	92.74 2.09 0.00	65.31 1.21 0.00	50.67 0.60 0.00	46.61 0.69 0.00	46.49 0.73 0.00	44.76 0.83 0.00	41.82 0.78 0.00	45.22 0.93 0.00	52.24 1.27 0.00	65.81 1.91 -0.08	90.28 2.46 0.00	106.22 2.49 0.00	93.29 2.45 0.00	71.90 1.89 0.00	67.73 1.84 0.00	58.07 1.36 0.00
BEAVER RIVER___HYD 24048	61.08 0.00 0.00	54.03 -0.11 0.00	54.55 -0.11 0.00	55.39 0.22 0.00	59.50 0.34 -3.47	74.83 1.09 -5.70	105.79 2.22 -14.68	168.94 2.80 -38.91	94.58 1.36 -2.57	63.84 -0.26 0.00	49.37 -0.70 0.00	45.37 -0.55 0.00	44.98 -0.78 0.00	43.05 -0.88 0.00	40.51 -0.53 0.00	44.03 -0.26 0.00	50.76 -0.20 0.00	63.94 0.13 0.00	88.88 1.06 0.00	105.80 2.07 0.00	92.01 1.18 0.00	71.12 1.12 0.00	66.02 0.13 0.00	56.25 -0.46 0.00
BEEBEE_GT_13 23619	59.68 -1.40 0.00	52.95 -1.19 0.00	53.40 -1.26 0.00	54.07 -1.10 0.00	54.48 -1.23 0.00	66.35 -1.70 0.00	86.40 -2.49 0.00	123.55 -3.69 0.00	87.39 -3.26 0.00	61.92 -2.18 0.00	48.87 -1.20 0.00	44.40 -1.52 0.00	44.07 -1.69 0.00	42.17 -1.76 0.00	39.48 -1.56 0.00	42.56 -1.73 0.00	48.67 -2.29 0.00	61.33 -2.55 -0.07	84.29 -3.60 -0.07	99.69 -4.05 0.00	87.23 -3.63 -0.03	67.00 -3.01 0.00	63.06 -2.83 0.00	54.84 -1.87 0.00
BENSHRST_27_KV_BENSHRST_1 355998	64.08 2.99 0.00	56.57 2.44 0.00	57.01 2.35 0.00	57.43 2.26 0.00	57.93 2.23 0.00	70.84 2.79 0.00	93.68 4.80 0.00	135.25 8.02 0.00	96.99 6.35 0.00	68.90 4.81 0.00	53.73 3.66 0.00	49.64 3.72 0.00	49.42 3.66 0.00	47.40 3.47 0.00	44.08 3.04 0.00	47.39 3.10 0.00	54.74 3.77 0.00	68.58 4.34 -0.43	93.44 5.62 0.00	110.58 6.85 0.00	96.65 5.81 0.00	74.13 4.13 0.00	69.65 3.76 0.00	59.37 2.67 0.00
BETHLEHEM___GRP 23843	61.02 -0.06 0.00	54.24 0.11 0.00	54.72 0.05 0.00	55.23 0.06 0.00	55.53 -0.17 0.00	67.91 -0.14 0.00	89.06 0.18 0.00	127.24 0.00 0.00	91.10 0.45 0.00	64.42 0.32 0.00	50.02 -0.05 0.00	46.06 0.14 0.00	45.99 0.23 0.00	44.28 0.35 0.00	41.37 0.33 0.00	44.69 0.40 0.00	51.47 0.51 0.00	64.72 0.83 -0.08	88.61 0.79 0.00	104.25 0.52 0.00	91.56 0.73 0.00	70.63 0.63 0.00	66.62 0.72 0.00	57.16 0.45 0.00
BETHLEHEM___GS1 323560	60.96 -0.12 0.00	54.24 0.11 0.00	54.72 0.05 0.00	55.17 0.00 0.00	55.53 -0.17 0.00	67.91 -0.14 0.00	88.97 0.09 0.00	127.24 0.00 0.00	91.01 0.36 0.00	64.29 0.19 0.00	50.02 -0.05 0.00	46.06 0.14 0.00	45.95 0.18 0.00	44.28 0.35 0.00	41.37 0.33 0.00	44.69 0.40 0.00	51.47 0.51 0.00	64.72 0.83 -0.08	88.61 0.79 0.00	104.25 0.52 0.00	91.56 0.72 0.00	70.63 0.63 0.00	66.62 0.73 0.00	57.16 0.45 0.00
BETHLEHEM___GS2 323561	60.96 -0.12 0.00	54.24 0.11 0.00	54.72 0.05 0.00	55.17 0.00 0.00	55.53 -0.17 0.00	67.91 -0.14 0.00	88.97 0.09 0.00	127.24 0.00 0.00	91.01 0.36 0.00	64.29 0.19 0.00	50.02 -0.05 0.00	46.06 0.14 0.00	45.95 0.18 0.00	44.28 0.35 0.00	41.37 0.33 0.00	44.69 0.40 0.00	51.47 0.51 0.00	64.72 0.83 -0.08	88.61 0.79 0.00	104.25 0.52 0.00	91.56 0.72 0.00	70.63 0.63 0.00	66.62 0.73 0.00	57.16 0.45 0.00
BETHLEHEM___GS3 323562	60.96 -0.12 0.00	54.24 0.11 0.00	54.72 0.05 0.00	55.17 0.00 0.00	55.53 -0.17 0.00	67.91 -0.14 0.00	88.97 0.09 0.00	127.24 0.00 0.00	91.01 0.36 0.00	64.29 0.19 0.00	50.02 -0.05 0.00	46.06 0.14 0.00	45.95 0.18 0.00	44.28 0.35 0.00	41.37 0.33 0.00	44.69 0.40 0.00	51.47 0.51 0.00	64.72 0.83 -0.08	88.61 0.79 0.00	104.25 0.52 0.00	91.56 0.72 0.00	70.63 0.63 0.00	66.62 0.73 0.00	57.16 0.45 0.00
BETHLEHEM___STEEL 23779	58.21 -2.87 0.00	51.92 -2.22 0.00	52.42 -2.24 0.00	53.19 -1.99 0.00	53.47 -2.23 0.00	64.37 -3.67 0.00	83.02 -5.87 0.00	116.17 -11.07 0.00	81.58 -9.06 0.00	58.33 -5.77 0.00	46.67 -3.40 0.00	42.15 -3.77 0.00	41.55 -4.21 0.00	39.80 -4.13 0.00	37.31 -3.74 0.00	40.13 -4.16 0.00	45.31 -5.66 0.00	55.88 -7.66 0.28	78.03 -9.57 0.22	93.05 -10.68 0.00	81.02 -9.72 0.09	62.29 -7.70 0.01	58.84 -7.05 0.00	52.51 -4.20 0.00
BETHLHEM_115KV_TB1 79974	61.82 0.73 0.00	54.84 0.70 0.00	55.37 0.71 0.00	55.89 0.72 0.00	56.26 0.56 0.00	68.86 0.82 0.00	90.22 1.33 0.00	129.02 1.78 0.00	92.10 1.45 0.00	65.19 1.09 0.00	50.72 0.65 0.00	46.65 0.73 0.00	46.59 0.82 0.00	44.76 0.83 0.00	41.78 0.74 0.00	45.09 0.80 0.00	51.98 1.02 0.00	65.30 1.40 -0.08	89.67 1.84 0.00	105.60 1.87 0.00	92.65 1.82 0.00	71.40 1.40 0.00	67.34 1.45 0.00	57.73 1.02 0.00
BETHPAGE_CC_5 323564	64.63 3.54 -0.01	57.12 2.98 -0.01	57.39 2.73 0.00	57.76 2.59 0.00	58.43 2.73 0.00	71.52 3.47 0.00	93.42 4.53 0.00	132.83 5.59 0.00	95.54 4.89 0.00	69.16 5.06 0.00	54.09 4.01 -0.01	49.88 3.95 -0.01	49.66 3.89 -0.01	47.49 3.56 0.00	44.12 3.08 0.00	47.70 3.41 0.00	55.00 4.03 -0.01	69.48 5.23 -0.44	94.42 6.59 -0.01	111.30 7.57 0.00	96.92 6.09 0.00	86.27 5.32 -10.95	76.16 5.01 -5.26	60.46 3.74 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	58.70 -2.38 0.00	52.40 -1.73 0.00	52.91 -1.75 0.00	53.68 -1.49 0.00	53.97 -1.73 0.00	64.99 -3.06 0.00	84.00 -4.89 0.00	117.31 -9.92 0.00	82.31 -8.34 0.00	58.84 -5.26 0.00	47.02 -3.05 0.00	42.52 -3.40 0.00	41.87 -3.89 0.00	40.06 -3.87 0.00	37.56 -3.49 0.00	40.39 -3.90 0.00	45.61 -5.35 0.00	56.01 -7.53 0.27	78.56 -9.05 0.21	93.88 -9.85 0.00	81.75 -8.99 0.09	62.79 -7.21 0.01	59.24 -6.66 0.00	52.97 -3.74 0.00
BINGHAMTON___COGEN 23790	61.14 0.06 0.00	54.24 0.11 0.00	54.77 0.11 0.00	55.34 0.17 0.00	55.92 0.22 0.00	68.12 0.07 0.00	89.15 0.27 0.00	126.98 -0.25 0.00	89.92 -0.73 0.00	63.71 -0.38 0.00	49.97 -0.10 0.00	45.60 -0.32 0.00	45.35 -0.41 0.00	43.49 -0.44 0.00	40.63 -0.41 0.00	43.94 -0.35 0.00	50.35 -0.61 0.00	62.83 -0.83 0.16	87.17 -0.61 0.04	103.32 -0.41 0.00	90.37 -0.45 0.02	69.51 -0.49 0.00	65.30 -0.59 0.00	56.54 -0.17 0.00

BIXINCNT_115KV_LOAD 355685	59.07 -2.02 0.00	52.95 -1.19 0.00	53.62 -1.04 0.00	54.45 -0.72 0.00	54.87 -0.84 0.00	66.14 -1.91 0.00	85.86 -3.02 0.00	119.86 -7.38 0.00	83.76 -6.89 0.00	59.87 -4.23 0.00	47.62 -2.45 0.00	43.03 -2.89 0.00	42.33 -3.43 0.00	40.46 -3.47 0.00	37.93 -3.12 0.00	40.70 -3.59 0.00	45.87 -5.10 0.00	56.02 -7.53 0.27	79.28 -8.34 0.20	94.81 -8.92 0.00	82.48 -8.27 0.09	63.21 -6.79 0.01	59.50 -6.39 0.00	53.14 -3.57 0.00
BLACK RIVER___HYD 24047	62.00 0.92 0.00	54.84 0.70 0.00	55.37 0.71 0.00	56.33 1.16 0.00	59.55 1.22 -2.62	74.54 2.18 -4.31	103.82 3.82 -11.12	161.76 5.09 -29.43	95.22 2.63 -1.94	64.42 0.32 0.00	49.52 -0.55 0.00	45.46 -0.46 0.00	44.98 -0.78 0.00	43.00 -0.92 0.00	40.59 -0.45 0.00	44.20 -0.09 0.00	51.07 0.10 0.00	64.58 0.77 0.00	90.28 2.46 0.00	107.77 4.04 0.00	93.83 2.99 0.00	72.24 2.24 0.00	67.01 1.12 0.00	57.22 0.51 0.00
BLACKRVR_115KV_TB2 79977	62.00 0.92 0.00	54.84 0.70 0.00	55.37 0.71 0.00	56.33 1.16 0.00	59.55 1.23 -2.62	74.54 2.18 -4.31	103.82 3.82 -11.12	162.14 5.47 -29.43	95.22 2.63 -1.94	64.42 0.32 0.00	49.52 -0.55 0.00	45.41 -0.51 0.00	44.98 -0.78 0.00	43.01 -0.92 0.00	40.59 -0.45 0.00	44.20 -0.09 0.00	51.07 0.10 0.00	64.58 0.77 0.00	90.28 2.46 0.00	107.78 4.05 0.00	93.83 3.00 0.00	72.24 2.24 0.00	67.01 1.12 0.00	57.22 0.51 0.00
BLDWN_LI_69_KV_BK4 356085	64.51 3.42 -0.01	57.13 2.98 -0.01	57.39 2.73 0.00	57.82 2.65 0.00	58.43 2.73 0.00	71.52 3.47 0.00	93.86 4.98 0.00	132.71 5.47 0.00	96.09 5.44 0.00	69.16 5.06 0.00	53.99 3.91 -0.01	49.83 3.90 -0.01	49.66 3.89 -0.01	47.44 3.51 0.00	44.08 3.04 0.00	47.61 3.32 0.00	54.85 3.87 -0.01	69.36 5.10 -0.44	94.07 6.24 -0.01	111.10 7.36 0.00	96.74 5.90 0.00	86.98 5.18 -11.80	76.10 4.94 -5.26	60.41 3.69 -0.01
BLISS_WT_PWR 323608	59.19 -1.89 0.00	53.11 -1.03 0.00	53.90 -0.77 0.00	54.62 -0.55 0.00	55.20 -0.50 0.00	66.35 -1.70 0.00	86.22 -2.66 0.00	120.24 -7.00 0.00	84.12 -6.53 0.00	60.06 -4.04 0.00	47.62 -2.45 0.00	43.03 -2.89 0.00	42.28 -3.48 0.00	40.41 -3.52 0.00	37.88 -3.16 0.00	40.61 -3.68 0.00	45.82 -5.15 0.00	56.02 -7.53 0.27	79.28 -8.35 0.20	94.71 -9.03 0.00	82.40 -8.36 0.09	63.06 -6.93 0.01	59.30 -6.59 0.00	53.02 -3.69 0.00
BLUESTONE___WT_PWR 323821	62.98 1.90 0.00	55.87 1.73 0.00	56.46 1.80 0.00	57.15 1.98 0.00	57.82 2.12 0.00	70.77 2.72 0.00	93.33 4.44 0.00	133.85 6.61 0.00	94.91 4.26 0.00	66.73 2.63 0.00	51.77 1.70 0.00	47.43 1.51 0.00	47.09 1.33 0.00	45.12 1.19 0.00	42.32 1.27 0.00	45.75 1.46 0.00	52.70 1.73 0.00	65.98 2.42 0.26	91.78 3.96 0.00	108.81 5.08 0.00	95.02 4.18 0.00	72.60 2.59 0.00	68.06 2.17 0.00	58.47 1.76 0.00
BLUE_CIRC_CHEM_DRP 24182	62.24 1.16 0.00	55.22 1.08 0.00	55.81 1.15 0.00	56.33 1.16 0.00	56.70 1.00 0.00	69.41 1.36 0.00	90.84 1.96 0.00	129.78 2.54 0.00	92.37 1.72 0.00	65.12 1.03 0.00	50.57 0.50 0.00	46.47 0.55 0.00	46.36 0.59 0.00	44.59 0.66 0.00	41.62 0.57 0.00	45.00 0.71 0.00	51.98 1.02 0.00	65.41 1.53 -0.07	90.02 2.20 0.00	106.12 2.39 0.00	93.11 2.27 0.00	71.75 1.75 0.00	67.67 1.78 0.00	58.07 1.36 0.00
BOC_GAS_DRP 24189	61.63 0.55 0.00	54.62 0.49 0.00	55.15 0.49 0.00	55.67 0.50 0.00	56.03 0.33 0.00	68.59 0.54 0.00	89.77 0.89 0.00	128.51 1.27 0.00	91.74 1.09 0.00	64.99 0.90 0.00	50.62 0.55 0.00	46.56 0.64 0.00	46.45 0.69 0.00	44.68 0.75 0.00	41.70 0.66 0.00	45.00 0.71 0.00	51.83 0.87 0.00	65.11 1.21 -0.08	89.32 1.49 0.00	105.18 1.45 0.00	92.29 1.45 0.00	71.12 1.12 0.00	67.08 1.19 0.00	57.50 0.79 0.00
BOONVILLE_115KV_TB1 79983	61.88 0.79 0.00	54.79 0.65 0.00	55.37 0.71 0.00	56.05 0.88 0.00	57.97 0.95 -1.33	71.79 1.57 -2.18	97.18 2.67 -5.62	146.61 3.56 -15.80	93.78 2.08 -1.04	64.93 0.83 0.00	50.37 0.30 0.00	46.19 0.28 0.00	45.90 0.14 0.00	44.02 0.09 0.00	41.29 0.25 0.00	44.82 0.53 0.00	51.68 0.71 0.00	64.96 1.15 0.00	89.93 2.11 0.00	106.53 2.80 0.00	92.93 2.09 0.00	71.61 1.61 0.00	66.88 0.99 0.00	57.22 0.51 0.00
BORALEX_4TH_BRANCH 23824	62.12 1.04 0.00	55.06 0.92 0.00	55.59 0.93 0.00	56.22 1.05 0.00	56.37 0.67 0.00	68.93 0.88 0.00	90.22 1.33 0.00	128.38 1.15 0.00	92.01 1.36 0.00	65.19 1.09 0.00	50.57 0.50 0.00	46.56 0.64 0.00	46.40 0.64 0.00	44.68 0.75 0.00	41.78 0.74 0.00	45.35 1.06 0.00	52.29 1.33 0.00	65.94 2.04 -0.09	90.55 2.72 0.00	105.81 2.07 0.00	93.47 2.63 0.00	72.24 2.24 0.00	68.07 2.17 0.00	58.47 1.76 0.00
BOWLINE___1 23526	62.55 1.46 0.00	55.43 1.30 0.00	55.97 1.31 0.00	56.38 1.21 0.00	56.87 1.17 0.00	69.61 1.57 0.00	91.81 2.93 0.00	132.46 5.22 0.00	94.54 3.90 0.00	67.30 3.20 0.00	52.47 2.40 0.00	48.40 2.48 0.00	48.19 2.42 0.00	46.34 2.41 0.00	43.18 2.13 0.00	46.42 2.13 0.00	53.51 2.55 0.00	65.87 3.19 1.13	91.87 4.04 0.00	108.51 4.77 0.00	94.93 4.09 0.00	73.08 3.08 0.00	68.72 2.83 0.00	58.52 1.81 0.00
BOWLINE___2 23595	62.49 1.41 0.00	55.38 1.25 0.00	55.86 1.20 0.00	56.27 1.10 0.00	56.81 1.11 0.00	69.54 1.50 0.00	91.64 2.76 0.00	132.33 5.09 0.00	94.37 3.72 0.00	67.17 3.08 0.00	52.38 2.30 0.00	48.35 2.43 0.00	48.19 2.42 0.00	46.30 2.37 0.00	43.18 2.13 0.00	46.42 2.13 0.00	53.41 2.45 0.00	65.74 3.06 1.13	91.68 3.86 0.00	108.40 4.67 0.00	94.83 3.99 0.00	72.94 2.94 0.00	68.59 2.70 0.00	58.47 1.76 0.00
BRADY___115KV_TB2 356060	61.51 0.43 0.00	54.52 0.38 0.00	54.99 0.33 0.00	55.39 0.22 0.00	69.38 0.72 -12.95	90.16 0.82 -21.30	144.76 0.98 -54.90	271.88 1.53 -143.11	100.41 0.27 -9.49	63.46 -0.64 0.00	49.87 -0.20 0.00	45.55 -0.37 0.00	45.35 -0.41 0.00	43.62 -0.31 0.00	40.88 -0.16 0.00	44.20 -0.09 0.00	50.97 0.00 0.00	63.30 -0.51 0.00	87.21 -0.61 0.00	103.83 0.10 0.00	90.47 -0.36 0.00	70.14 0.14 0.00	65.96 0.07 0.00	56.99 0.28 0.00
BRANSCOMB___SOLAR 323811	62.37 1.28 0.00	55.33 1.19 0.00	55.97 1.31 0.00	56.49 1.32 0.00	56.87 1.17 0.00	69.75 1.70 0.00	91.55 2.66 0.00	131.19 3.95 0.00	93.00 2.35 0.00	65.45 1.35 0.00	50.67 0.60 0.00	46.47 0.55 0.00	46.36 0.59 0.00	44.50 0.57 0.00	41.54 0.49 0.00	45.09 0.80 0.00	52.24 1.27 0.00	66.06 2.17 -0.08	91.07 3.25 0.00	107.26 3.53 0.00	94.20 3.36 0.00	72.52 2.52 0.00	68.13 2.24 0.00	58.41 1.70 0.00
BRDGHMPT_69_KV_BK1 55812	65.06 3.97 -0.01	57.56 3.41 -0.01	57.72 3.06 0.00	58.10 2.92 0.00	58.88 3.17 0.00	72.13 4.08 0.00	94.48 5.60 0.00	131.56 4.33 0.00	96.00 5.35 0.00	69.23 5.13 0.00	54.89 4.81 -0.01	50.47 4.55 -0.01	50.16 4.39 -0.01	47.66 3.73 0.00	44.20 3.16 0.00	47.92 3.63 0.00	55.87 4.89 -0.01	70.76 6.51 -0.44	95.82 7.99 -0.01	112.34 8.61 0.00	97.65 6.81 0.00	86.90 7.07 -9.82	78.01 6.85 -5.26	61.94 5.22 -0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	65.24 4.15 -0.01	57.72 3.57 -0.01	57.94 3.28 0.00	58.32 3.14 0.00	58.99 3.29 0.00	72.27 4.22 0.00	94.93 6.04 0.00	133.22 5.98 0.00	96.90 6.25 0.00	69.74 5.64 0.00	54.59 4.51 -0.01	50.29 4.36 -0.01	50.07 4.30 -0.01	47.75 3.82 0.00	44.33 3.28 0.00	47.97 3.68 0.00	55.56 4.59 -0.01	70.31 6.06 -0.44	95.39 7.55 -0.01	112.34 8.61 0.00	97.83 6.99 0.00	86.38 6.44 -9.93	77.22 6.06 -5.26	61.31 4.59 -0.01
BRISTLHL_115KV_TB1 79998	59.98 -1.10 0.00	53.16 -0.97 0.00	53.68 -0.98 0.00	54.23 -0.94 0.00	55.08 -0.95 -0.33	67.43 -1.16 -0.54	88.95 -1.33 -1.40	129.07 -1.78 -3.62	89.26 -1.63 -0.24	62.88 -1.22 0.00	49.12 -0.95 0.00	44.95 -0.96 0.00	44.80 -0.96 0.00	42.92 -1.01 0.00	40.10 -0.94 0.00	43.32 -0.97 0.00	49.74 -1.22 0.00	62.47 -1.34 0.00	86.24 -1.58 0.00	101.97 -1.76 0.00	89.29 -1.54 0.00	68.74 -1.26 0.00	64.57 -1.32 0.00	55.63 -1.08 0.00
BROOKHAVEN__DRP 24191	64.69 3.60 -0.01	57.23 3.09 -0.01	57.45 2.79 0.00	57.82 2.65 0.00	58.54 2.84 0.00	71.72 3.67 0.00	93.86 4.98 0.00	130.80 3.56 0.00	95.63 4.99 0.00	69.03 4.94 -0.01	54.44 4.36 -0.01	50.11 4.18 -0.01	49.89 4.12 -0.01	47.49 3.56 0.00	44.00 2.96 0.00	47.66 3.37 0.00	55.41 4.43 -0.01	70.25 6.00 -0.44	94.86 7.03 -0.01	111.30 7.57 0.00	96.92 6.09 0.00	86.19 6.37 -9.82	77.35 6.19 -5.26	61.37 4.65 -0.01
BROOKLYN_NAVY_YARD 23515	63.34 2.26 0.00	56.03 1.89 0.00	56.52 1.86 0.00	56.94 1.77 0.00	57.43 1.73 0.00	70.36 2.31 0.00	92.98 4.09 0.00	134.36 7.12 0.00	96.09 5.44 0.00	68.39 4.30 0.00	53.32 3.25 0.00	49.23 3.31 0.00	48.96 3.20 0.00	47.05 3.12 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.33 3.36 0.00	68.39 4.15 -0.43	93.18 5.36 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.92 3.92 0.00	69.45 3.56 0.00	59.09 2.38 0.00
BROOKLYN__ARMY_DRP 323595	63.89 2.81 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.27 2.10 0.00	57.76 2.06 0.00	70.56 2.52 0.00	93.33 4.44 0.00	134.62 7.38 0.00	96.54 5.89 0.00	68.65 4.55 0.00	53.53 3.45 0.00	49.45 3.54 0.00	49.24 3.48 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.26 4.02 -0.43	93.01 5.18 0.00	110.06 6.33 0.00	96.20 5.36 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.15 2.44 0.00
BROOME_2_LFGE 323671	61.20 0.12 0.00	54.30 0.16 0.00	54.83 0.16 0.00	55.39 0.22 0.00	55.98 0.28 0.00	68.18 0.14 0.00	89.15 0.27 0.00	127.11 -0.13 0.00	89.92 -0.73 0.00	63.78 -0.32 0.00	49.97 -0.10 0.00	45.60 -0.32 0.00	45.35 -0.41 0.00	43.49 -0.44 0.00	40.63 -0.41 0.00	43.93 -0.36 0.00	50.36 -0.61 0.00	62.89 -0.76 0.16	87.18 -0.61 0.04	103.32 -0.41 0.00	90.37 -0.45 0.02	69.52 -0.49 0.00	65.36 -0.53 0.00	56.54 -0.17 0.00
BROOME__LFGE 323600	61.20 0.12 0.00	54.30 0.16 0.00	54.83 0.16 0.00	55.39 0.22 0.00	55.98 0.28 0.00	68.18 0.14 0.00	89.15 0.27 0.00	127.11 -0.13 0.00	89.92 -0.73 0.00	63.78 -0.32 0.00	49.97 -0.10 0.00	45.60 -0.32 0.00	45.35 -0.41 0.00	43.49 -0.44 0.00	40.63 -0.41 0.00	43.93 -0.36 0.00	50.36 -0.61 0.00	62.89 -0.76 0.16	87.18 -0.61 0.04	103.32 -0.41 0.00	90.37 -0.45 0.02	69.52 -0.49 0.00	65.36 -0.53 0.00	56.54 -0.17 0.00
BROWNFLS_115KV_TB 3_5 80003	60.41 -0.67 0.00	53.43 -0.70 0.00	53.95 -0.71 0.00	54.56 -0.61 0.00	61.26 -0.45 -6.00	77.78 -0.14 -9.87	114.41 0.09 -25.44	194.09 0.13 -66.72	94.42 -0.63 -4.41	62.56 -1.54 0.00	48.62 -1.45 0.00	44.68 -1.24 0.00	44.39 -1.37 0.00	42.61 -1.32 0.00	40.02 -1.03 0.00	43.40 -0.89 0.00	49.95 -1.02 0.00	62.53 -1.28 0.00	86.59 -1.23 0.00	103.11 -0.62 0.00	89.66 -1.18 0.00	69.72 -0.28 0.00	65.10 -0.79 0.00	55.80 -0.91 0.00
BROWNSV1_27_KV_LOAD 356125	63.89 2.81 0.00	56.46 2.33 0.00	56.96 2.30 0.00	57.43 2.26 0.00	57.87 2.17 0.00	70.91 2.86 0.00	93.86 4.98 0.00	135.25 8.02 0.00	96.90 6.25 0.00	68.90 4.81 0.00	53.73 3.66 0.00	49.64 3.72 0.00	49.42 3.66 0.00	47.40 3.47 0.00	44.08 3.04 0.00	47.44 3.14 0.00	54.74 3.77 0.00	68.90 4.66 -0.43	93.88 6.06 0.00	110.89 7.16 0.00	96.92 6.09 0.00	74.48 4.48 0.00	69.98 4.09 0.00	59.49 2.78 0.00
BURROWS__LYONSDAL 23803	61.63 0.55 0.00	54.57 0.43 0.00	55.10 0.44 0.00	55.83 0.66 0.00	58.23 0.78 -1.75	72.35 1.43 -2.87	98.86 2.58 -7.40	151.14 3.56 -20.34	93.99 1.99 -1.34	64.74 0.64 0.00	50.17 0.10 0.00	46.01 0.09 0.00	45.72 -0.05 0.00	43.80 -0.13 0.00	41.13 0.08 0.00	44.69 0.40 0.00	51.47 0.51 0.00	64.77 0.96 0.00	89.76 1.93 0.00	106.43 2.70 0.00	92.74 1.91 0.00	71.47 1.47 0.00	66.62 0.72 0.00	56.88 0.17 0.00
CAITHNESS_CC_1 323624	64.76 3.66 -0.01	57.18 3.03 -0.01	57.39 2.73 0.00	57.71 2.54 0.00	58.48 2.78 0.00	71.65 3.60 0.00	92.62 3.73 0.00	130.93 3.69 0.00	94.37 3.72 0.00	68.97 4.87 -0.01	54.33 4.25 -0.01	50.01 4.09 -0.01	49.75 3.98 -0.01	47.40 3.47 0.00	43.96 2.91 0.00	47.61 3.32 0.00	55.30 4.33 -0.01	70.12 5.87 -0.44	94.69 6.85 -0.01	111.20 7.47 0.00	96.83 5.99 0.00	85.98 6.16 -9.82	77.15 6.00 -5.26	61.31 4.59 -0.01
CALPINE BETH_PAGE_GT4 24209	64.33 3.24 -0.01	56.96 2.82 -0.01	57.23 2.57 0.00	57.60 2.43 0.00	58.26 2.56 0.00	71.31 3.27 0.00	93.77 4.89 0.00	132.46 5.22 0.00	96.00 5.35 0.00	68.97 4.87 0.00	54.04 3.96 -0.01	49.88 3.95 -0.01	49.66 3.89 -0.01	47.44 3.51 0.00	44.08 3.04 0.00	47.66 3.37 0.00	54.85 3.87 -0.01	69.29 5.04 -0.44	94.16 6.32 -0.01	111.10 7.36 0.00	96.74 5.90 0.00	86.58 5.11 -11.47	75.96 4.81 -5.26	60.24 3.52 -0.01
CALPINE_BETH_PAGE_GT_4 323586	64.45 3.36 -0.01	56.96 2.81 -0.01	57.23 2.57 0.00	57.60 2.42 0.00	58.26 2.56 0.00	71.31 3.27 0.00	93.15 4.27 0.00	132.58 5.34 0.00	95.36 4.71 0.00	68.97 4.87 0.00	54.04 3.95 -0.01	49.83 3.90 -0.01	49.62 3.84 -0.01	47.45 3.52 0.00	44.08 3.04 0.00	47.65 3.36 0.00	54.85 3.87 -0.01	69.29 5.04 -0.44	94.16 6.33 -0.01	111.10 7.37 0.00	96.74 5.90 0.00	86.58 5.11 -11.47	75.96 4.81 -5.26	60.30 3.57 -0.01
CALPINE_BP_GT1 23823	64.45 3.36 -0.01	56.96 2.81 -0.01	57.23 2.57 0.00	57.60 2.42 0.00	58.26 2.56 0.00	71.31 3.27 0.00	93.15 4.27 0.00	132.58 5.34 0.00	95.36 4.71 0.00	68.97 4.87 0.00	54.04 3.95 -0.01	49.83 3.90 -0.01	49.62 3.84 -0.01	47.45 3.52 0.00	44.08 3.04 0.00	47.65 3.36 0.00	54.85 3.87 -0.01	69.29 5.04 -0.44	94.16 6.33 -0.01	111.10 7.37 0.00	96.74 5.90 0.00	86.58 5.11 -11.47	75.96 4.81 -5.26	60.30 3.57 -0.01
CALSPAN__DRP 24200	58.21 -2.87 0.00	51.92 -2.22 0.00	52.42 -2.24 0.00	53.19 -1.99 0.00	53.47 -2.23 0.00	64.37 -3.67 0.00	83.02 -5.87 0.00	116.17 -11.07 0.00	81.58 -9.06 0.00	58.33 -5.77 0.00	46.67 -3.40 0.00	42.15 -3.77 0.00	41.55 -4.21 0.00	39.80 -4.13 0.00	37.31 -3.74 0.00	40.13 -4.16 0.00	45.31 -5.66 0.00	55.88 -7.66 0.28	78.03 -9.57 0.22	93.05 -10.68 0.00	81.02 -9.72 0.09	62.29 -7.70 0.01	58.84 -7.05 0.00	52.51 -4.20 0.00

CALVERTON___SOLAR 323806	64.88 3.79 -0.01	57.34 3.19 -0.01	57.50 2.84 0.00	57.82 2.65 0.00	58.60 2.89 0.00	71.79 3.74 0.00	92.62 3.73 0.00	130.93 3.69 0.00	94.18 3.53 0.00	69.03 4.94 0.00	54.53 4.45 -0.01	50.15 4.22 -0.01	49.89 4.12 -0.01	47.53 3.60 0.00	44.04 2.99 0.00	47.75 3.46 0.00	55.51 4.53 -0.01	70.38 6.13 -0.44	95.04 7.20 -0.01	111.51 7.78 0.00	97.02 6.18 0.00	86.34 6.51 -9.82	77.54 6.39 -5.26	61.60 4.88 -0.01
CANDIGU_WT_PWR 323617	59.68 -1.40 0.00	53.22 -0.92 0.00	53.84 -0.82 0.00	54.45 -0.72 0.00	55.14 -0.56 0.00	66.55 -1.50 0.00	86.57 -2.31 0.00	122.53 -4.71 0.00	86.03 -4.62 0.00	61.02 -3.08 0.00	48.17 -1.90 0.00	43.62 -2.29 0.00	43.20 -2.56 0.00	41.43 -2.50 0.00	38.71 -2.34 0.00	41.63 -2.66 0.00	47.35 -3.62 0.00	59.10 -4.53 0.19	82.45 -5.27 0.11	98.23 -5.50 0.00	85.80 -5.00 0.04	65.59 -4.41 0.00	61.61 -4.28 0.00	54.05 -2.66 0.00
CARR STREET_E_SYP 24060	60.47 -0.61 0.00	53.60 -0.54 0.00	54.12 -0.55 0.00	54.62 -0.55 0.00	55.40 -0.50 -0.20	67.70 -0.68 -0.33	89.02 -0.71 -0.85	126.35 -0.88 0.00	89.65 -1.00 0.00	63.46 -0.64 0.00	49.72 -0.35 0.00	45.50 -0.41 0.00	45.30 -0.46 0.00	43.45 -0.48 0.00	40.59 -0.45 0.00	43.80 -0.49 0.00	50.25 -0.71 0.00	62.92 -0.89 0.00	86.77 -1.05 0.00	102.59 -1.14 0.00	89.84 -1.00 0.00	69.09 -0.91 0.00	64.97 -0.92 0.00	56.03 -0.68 0.00
CARTHAGE___PAPER 23857	61.45 0.37 0.00	54.35 0.22 0.00	54.88 0.22 0.00	55.78 0.61 0.00	59.32 0.67 -2.95	74.46 1.57 -4.85	104.40 3.02 -12.50	164.28 3.95 -33.10	94.74 1.91 -2.19	64.03 -0.06 0.00	49.42 -0.65 0.00	45.37 -0.55 0.00	44.98 -0.78 0.00	43.00 -0.92 0.00	40.51 -0.53 0.00	44.07 -0.22 0.00	50.91 -0.05 0.00	64.20 0.39 0.00	89.49 1.66 0.00	106.74 3.01 0.00	92.83 2.00 0.00	71.62 1.61 0.00	66.48 0.59 0.00	56.65 -0.06 0.00
CASSADAGA_WT_PWR 323784	59.74 -1.34 0.00	53.43 -0.71 0.00	54.01 -0.65 0.00	54.62 -0.55 0.00	55.31 -0.39 0.00	66.48 -1.56 0.00	86.30 -2.58 0.00	120.75 -6.48 0.00	84.21 -6.43 0.00	60.19 -3.91 0.00	47.72 -2.35 0.00	43.03 -2.89 0.00	42.28 -3.48 0.00	40.50 -3.43 0.00	37.97 -3.08 0.00	40.79 -3.50 0.00	46.02 -4.94 0.00	56.84 -6.70 0.27	79.80 -7.82 0.20	95.23 -8.50 0.00	82.67 -8.08 0.09	63.14 -6.86 0.01	59.17 -6.72 0.00	52.51 -4.20 0.00
CE_DUNWOOD___DRP 24194	63.22 2.14 0.00	55.92 1.79 0.00	56.41 1.75 0.00	56.88 1.71 0.00	57.32 1.62 0.00	70.22 2.18 0.00	92.71 3.82 0.00	133.47 6.23 0.00	95.54 4.90 0.00	67.88 3.78 0.00	52.93 2.85 0.00	48.90 2.98 0.00	48.69 2.93 0.00	46.74 2.81 0.00	43.51 2.46 0.00	46.81 2.52 0.00	54.02 3.06 0.00	68.08 3.83 -0.44	92.74 4.92 0.00	109.44 5.71 0.00	95.74 4.91 0.00	73.71 3.71 0.00	69.25 3.36 0.00	58.98 2.27 0.00
CE_MILLWOOD___DRP 24193	63.04 1.95 0.00	55.81 1.68 0.00	56.30 1.64 0.00	56.77 1.60 0.00	57.20 1.50 0.00	70.02 1.97 0.00	92.44 3.56 0.00	133.09 5.85 0.00	95.27 4.62 0.00	67.69 3.59 0.00	52.78 2.70 0.00	48.76 2.85 0.00	48.55 2.79 0.00	46.57 2.64 0.00	43.38 2.34 0.00	46.68 2.39 0.00	53.87 2.90 0.00	67.89 3.64 -0.44	92.48 4.65 0.00	109.12 5.39 0.00	95.47 4.63 0.00	73.50 3.50 0.00	69.12 3.23 0.00	58.86 2.15 0.00
CE_NYC2_DRP 24202	63.77 2.69 0.00	56.30 2.17 0.00	56.79 2.13 0.00	57.21 2.04 0.00	57.71 2.01 0.00	70.50 2.45 0.00	93.15 4.27 0.00	134.49 7.25 0.00	96.36 5.71 0.00	68.58 4.49 0.00	53.53 3.45 0.00	49.45 3.54 0.00	49.24 3.48 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.39 4.15 -0.43	93.18 5.36 0.00	110.16 6.43 0.00	96.20 5.36 0.00	73.99 3.99 0.00	69.52 3.62 0.00	59.20 2.50 0.00
CE_NYC_DRP 24195	63.53 2.44 0.00	56.14 2.00 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.54 1.84 0.00	70.50 2.45 0.00	93.24 4.36 0.00	134.36 7.13 0.00	96.27 5.62 0.00	68.46 4.36 0.00	53.43 3.35 0.00	49.32 3.40 0.00	49.10 3.34 0.00	47.14 3.21 0.00	43.84 2.79 0.00	47.17 2.88 0.00	54.38 3.41 0.00	68.45 4.21 -0.43	93.27 5.45 0.00	110.06 6.33 0.00	96.20 5.36 0.00	73.99 3.99 0.00	69.52 3.62 0.00	59.09 2.38 0.00
CHAFFEE___LFGE 323603	58.82 -2.26 0.00	52.46 -1.68 0.00	53.02 -1.64 0.00	53.63 -1.54 0.00	54.14 -1.56 0.00	64.92 -3.13 0.00	83.91 -4.98 0.00	117.44 -9.79 0.00	82.49 -8.16 0.00	58.97 -5.13 0.00	46.97 -3.10 0.00	42.43 -3.49 0.00	41.83 -3.94 0.00	40.06 -3.87 0.00	37.56 -3.49 0.00	40.39 -3.90 0.00	45.66 -5.30 0.00	56.39 -7.15 0.27	78.75 -8.87 0.21	93.98 -9.75 0.00	81.85 -8.90 0.09	62.85 -7.14 0.01	59.37 -6.52 0.00	52.91 -3.80 0.00
CHATEAUG_35_KV_LOAD 355732	60.65 -0.43 0.00	53.81 -0.32 0.00	54.33 -0.33 0.00	54.56 -0.61 0.00	56.15 -0.06 -0.51	68.47 -0.41 -0.83	90.23 -0.80 -2.15	132.18 -0.76 -5.70	90.21 -0.82 -0.38	63.07 -1.03 0.00	49.82 -0.25 0.00	45.60 -0.32 0.00	45.44 -0.32 0.00	43.71 -0.22 0.00	40.88 -0.16 0.00	44.11 -0.18 0.00	50.86 -0.10 0.00	63.05 -0.77 0.00	86.42 -1.41 0.00	102.59 -1.14 0.00	89.47 -1.36 0.00	69.23 -0.77 0.00	65.30 -0.59 0.00	56.65 -0.06 0.00
CHATEAUG_WT_PWR 323614	60.53 -0.55 0.00	53.43 -0.71 0.00	53.90 -0.77 0.00	54.45 -0.72 0.00	54.71 -0.61 0.37	66.48 -0.95 0.62	86.23 -1.06 1.59	121.92 -1.27 4.05	89.30 -1.08 0.27	62.95 -1.15 0.00	49.82 -0.25 0.00	45.69 -0.23 0.00	45.63 -0.14 0.00	43.71 -0.22 0.00	40.88 -0.16 0.00	44.11 -0.18 0.00	50.81 -0.15 0.00	62.73 -1.09 0.00	86.15 -1.67 0.00	102.18 -1.55 0.00	89.11 -1.73 0.00	68.96 -1.05 0.00	65.03 -0.86 0.00	56.32 -0.39 0.00
CHAT_HIGH_FALL_HYD 323578	60.65 -0.43 0.00	53.81 -0.32 0.00	54.33 -0.33 0.00	54.56 -0.61 0.00	56.15 -0.06 -0.51	68.47 -0.41 -0.83	90.23 -0.80 -2.15	132.18 -0.76 -5.70	90.21 -0.82 -0.38	63.07 -1.03 0.00	49.82 -0.25 0.00	45.60 -0.32 0.00	45.44 -0.32 0.00	43.71 -0.22 0.00	40.88 -0.16 0.00	44.11 -0.18 0.00	50.86 -0.10 0.00	63.05 -0.77 0.00	86.42 -1.41 0.00	102.59 -1.14 0.00	89.47 -1.36 0.00	69.23 -0.77 0.00	65.30 -0.59 0.00	56.65 -0.06 0.00
CHAUTAUQUA___LFGE 323629	59.13 -1.96 0.00	52.79 -1.35 0.00	53.30 -1.36 0.00	53.96 -1.21 0.00	54.53 -1.17 0.00	65.46 -2.59 0.00	84.80 -4.09 0.00	118.84 -8.40 0.00	83.13 -7.52 0.00	59.42 -4.68 0.00	47.27 -2.80 0.00	42.66 -3.26 0.00	42.01 -3.75 0.00	40.24 -3.69 0.00	37.72 -3.32 0.00	40.57 -3.72 0.00	45.77 -5.20 0.00	56.65 -6.89 0.27	79.18 -8.43 0.21	94.50 -9.23 0.00	82.21 -8.54 0.09	63.00 -7.00 0.01	59.24 -6.65 0.00	52.57 -4.14 0.00
CHERRYST_13_KV_LD 356241	63.65 2.57 0.00	56.25 2.11 0.00	56.74 2.08 0.00	57.21 2.04 0.00	57.71 2.01 0.00	70.70 2.65 0.00	93.51 4.62 0.00	134.75 7.51 0.00	96.63 5.98 0.00	68.71 4.62 0.00	53.58 3.50 0.00	49.50 3.58 0.00	49.29 3.52 0.00	47.27 3.34 0.00	43.96 2.91 0.00	47.30 3.01 0.00	54.58 3.62 0.00	68.71 4.47 -0.43	93.53 5.71 0.00	110.47 6.74 0.00	96.47 5.63 0.00	74.20 4.20 0.00	69.65 3.76 0.00	59.26 2.55 0.00

CHESTROR_138KV_BK263 355645	62.37 1.28 0.00	55.22 1.08 0.00	55.76 1.09 0.00	56.22 1.05 0.00	56.65 0.95 0.00	69.41 1.36 0.00	91.64 2.76 0.00	131.95 4.71 0.00	94.09 3.44 0.00	66.79 2.69 0.00	52.07 2.00 0.00	48.03 2.11 0.00	47.87 2.11 0.00	45.95 2.02 0.00	42.85 1.81 0.00	46.06 1.77 0.00	53.11 2.14 0.00	65.59 2.74 0.96	91.42 3.60 0.00	108.09 4.36 0.00	94.56 3.72 0.00	72.73 2.73 0.00	68.40 2.50 0.00	58.24 1.53 0.00
CH_MIDHUDSON___DRP 24192	63.10 2.02 0.00	55.87 1.73 0.00	56.41 1.75 0.00	56.94 1.77 0.00	57.32 1.62 0.00	70.29 2.25 0.00	92.62 3.73 0.00	133.09 5.85 0.00	95.18 4.53 0.00	67.43 3.33 0.00	52.47 2.40 0.00	48.40 2.48 0.00	48.23 2.47 0.00	46.30 2.37 0.00	43.14 2.09 0.00	46.46 2.17 0.00	53.67 2.70 0.00	67.37 3.51 -0.05	92.39 4.57 0.00	109.02 5.29 0.00	95.47 4.63 0.00	73.50 3.50 0.00	69.12 3.23 0.00	58.92 2.21 0.00
CH_MISC_IPPS 23765	62.91 1.83 0.00	55.76 1.62 0.00	56.36 1.70 0.00	56.77 1.60 0.00	57.26 1.56 0.00	70.22 2.18 0.00	92.62 3.73 0.00	133.47 6.23 0.00	95.09 4.44 0.00	67.43 3.33 0.00	52.43 2.35 0.00	48.35 2.43 0.00	48.14 2.38 0.00	46.21 2.28 0.00	43.10 2.05 0.00	46.37 2.08 0.00	53.61 2.65 0.00	66.79 3.38 0.40	92.30 4.48 0.00	109.12 5.39 0.00	95.56 4.72 0.00	73.50 3.50 0.00	69.12 3.23 0.00	58.86 2.15 0.00
CH_RES_BVR_FALLS 23983	60.84 -0.24 0.00	53.87 -0.27 0.00	54.39 -0.27 0.00	54.90 -0.27 0.00	55.16 -0.22 0.32	67.25 -0.27 0.53	87.17 -0.35 1.36	123.34 -0.38 3.52	90.05 -0.36 0.23	63.78 -0.32 0.00	49.92 -0.15 0.00	45.78 -0.14 0.00	45.63 -0.14 0.00	43.80 -0.13 0.00	40.92 -0.12 0.00	44.16 -0.13 0.00	50.86 -0.10 0.00	63.43 -0.38 0.00	87.30 -0.52 0.00	103.21 -0.52 0.00	90.30 -0.54 0.00	69.66 -0.35 0.00	65.56 -0.33 0.00	56.48 -0.23 0.00
CH_RES_NIAGARA 23895	56.50 -4.58 0.00	50.35 -3.79 0.00	50.84 -3.83 0.00	51.53 -3.64 0.00	51.80 -3.90 0.00	62.11 -5.92 0.02	79.71 -9.16 0.02	112.08 -15.14 0.02	78.84 -11.78 0.02	56.51 -7.56 0.02	45.29 -4.76 0.02	40.89 -5.01 0.02	40.34 -5.40 0.02	38.64 -5.27 0.02	36.26 -4.76 0.02	39.04 -5.23 0.02	44.12 -6.83 0.02	54.77 -8.74 0.30	75.64 -11.94 0.24	90.02 -13.69 0.02	78.55 -12.17 0.11	60.45 -9.52 0.03	57.31 -8.57 0.02	50.96 -5.73 0.02
CH_RES_SYRACUSE 23985	60.96 -0.12 0.00	54.03 -0.11 0.00	54.61 -0.05 0.00	55.06 -0.11 0.00	55.70 0.00 0.00	67.91 -0.14 0.00	88.88 0.00 0.00	127.37 0.13 0.00	90.38 -0.27 0.00	63.91 -0.19 0.00	49.92 -0.15 0.00	45.69 -0.23 0.00	45.49 -0.27 0.00	43.62 -0.31 0.00	40.76 -0.29 0.00	43.98 -0.31 0.00	50.46 -0.51 0.00	63.37 -0.44 0.00	87.47 -0.35 0.00	103.42 -0.31 0.00	90.57 -0.27 0.00	69.66 -0.35 0.00	65.50 -0.39 0.00	56.48 -0.23 0.00
CLINTON_WT_PWR 323605	60.53 -0.55 0.00	53.43 -0.71 0.00	53.90 -0.77 0.00	54.45 -0.72 0.00	54.71 -0.61 0.37	66.48 -0.95 0.62	86.23 -1.06 1.59	121.92 -1.27 4.05	89.30 -1.08 0.27	62.95 -1.15 0.00	49.82 -0.25 0.00	45.69 -0.23 0.00	45.63 -0.14 0.00	43.71 -0.22 0.00	40.88 -0.16 0.00	44.11 -0.18 0.00	50.81 -0.15 0.00	62.73 -1.09 0.00	86.15 -1.67 0.00	102.18 -1.55 0.00	89.11 -1.73 0.00	68.96 -1.05 0.00	65.03 -0.86 0.00	56.32 -0.39 0.00
CLINTON___LFGE 323618	61.57 0.49 0.00	54.08 -0.05 0.00	54.50 -0.16 0.00	55.01 -0.17 0.00	55.48 -0.22 0.00	67.16 -0.89 0.00	88.00 -0.89 0.00	126.35 -0.88 0.00	89.83 -0.82 0.00	62.82 -1.28 0.00	50.37 0.30 0.00	46.15 0.23 0.00	46.08 0.32 0.00	44.15 0.22 0.00	41.25 0.21 0.00	44.56 0.27 0.00	51.32 0.36 0.00	62.98 -0.83 0.00	86.15 -1.67 0.00	102.49 -1.24 0.00	89.29 -1.54 0.00	69.09 -0.91 0.00	65.36 -0.53 0.00	56.99 0.28 0.00
COBBLENY_34_KV_TB1 80064	58.58 -2.50 0.00	52.24 -1.89 0.00	52.75 -1.91 0.00	53.46 -1.71 0.00	53.81 -1.89 0.00	64.78 -3.27 0.00	83.64 -5.24 0.00	117.19 -10.05 0.00	82.22 -8.43 0.00	58.78 -5.32 0.00	46.97 -3.10 0.00	42.47 -3.44 0.00	41.83 -3.94 0.00	40.06 -3.87 0.00	37.56 -3.49 0.00	40.39 -3.90 0.00	45.61 -5.35 0.00	56.26 -7.27 0.27	78.74 -8.87 0.21	93.88 -9.85 0.00	81.75 -8.99 0.09	62.86 -7.14 0.01	59.30 -6.59 0.00	52.91 -3.80 0.00
COFFEEN__115KV_TB3 355620	62.24 1.16 0.00	55.06 0.92 0.00	55.59 0.93 0.00	56.55 1.38 0.00	59.71 1.45 -2.57	74.71 2.45 -4.22	103.93 4.18 -10.87	162.00 5.98 -28.78	95.45 2.90 -1.90	64.48 0.38 0.00	49.52 -0.55 0.00	45.41 -0.51 0.00	44.94 -0.82 0.00	43.01 -0.92 0.00	40.59 -0.45 0.00	44.25 -0.04 0.00	51.12 0.15 0.00	64.70 0.89 0.00	90.63 2.81 0.00	108.29 4.56 0.00	94.29 3.45 0.00	72.52 2.52 0.00	67.28 1.38 0.00	57.45 0.74 0.00
COLDSPRG_115KV_BK1 355956	60.23 -0.86 0.00	53.81 -0.32 0.00	54.33 -0.33 0.00	55.12 -0.06 0.00	55.59 -0.11 0.00	67.09 -0.95 0.00	87.28 -1.60 0.00	122.15 -5.09 0.00	85.12 -5.53 0.00	60.76 -3.33 0.00	48.32 -1.75 0.00	43.71 -2.20 0.00	42.97 -2.79 0.00	41.12 -2.81 0.00	38.50 -2.54 0.00	41.41 -2.88 0.00	46.73 -4.23 0.00	57.23 -6.32 0.26	80.95 -6.67 0.20	96.99 -6.74 0.00	84.21 -6.54 0.08	64.54 -5.46 0.01	60.55 -5.34 0.00	53.99 -2.72 0.00
COLONIE_LFGE__ 323577	61.94 0.85 0.00	54.95 0.81 0.00	55.53 0.87 0.00	56.00 0.83 0.00	56.31 0.61 0.00	69.00 0.95 0.00	90.39 1.51 0.00	129.27 2.03 0.00	92.19 1.54 0.00	65.06 0.96 0.00	50.52 0.45 0.00	46.47 0.55 0.00	46.31 0.55 0.00	44.59 0.66 0.00	41.62 0.57 0.00	45.09 0.80 0.00	52.08 1.12 0.00	65.62 1.72 -0.08	90.20 2.37 0.00	105.91 2.18 0.00	93.19 2.36 0.00	71.90 1.89 0.00	67.67 1.78 0.00	58.13 1.42 0.00
COOPERNY_115KV_TB1 80082	62.00 0.92 0.00	54.89 0.76 0.00	55.43 0.77 0.00	55.94 0.77 0.00	56.42 0.72 0.00	69.00 0.95 0.00	91.20 2.31 0.00	131.18 3.94 0.00	93.64 2.99 0.00	66.41 2.31 0.00	51.77 1.70 0.00	47.75 1.84 0.00	47.59 1.83 0.00	45.64 1.71 0.00	42.60 1.56 0.00	45.84 1.55 0.00	52.80 1.83 0.00	65.53 2.36 0.64	90.90 3.07 0.00	107.47 3.73 0.00	94.02 3.18 0.00	72.31 2.31 0.00	68.00 2.11 0.00	58.01 1.30 0.00
COPENHAGEN_WT_PWR 323753	61.82 0.74 0.00	54.68 0.54 0.00	55.21 0.55 0.00	56.11 0.94 0.00	59.17 1.00 -2.46	73.93 1.84 -4.05	102.70 3.38 -10.44	159.32 4.45 -27.63	94.74 2.27 -1.83	64.23 0.13 0.00	49.42 -0.65 0.00	45.32 -0.60 0.00	44.94 -0.82 0.00	42.96 -0.97 0.00	40.47 -0.57 0.00	44.07 -0.22 0.00	50.91 -0.05 0.00	64.32 0.51 0.00	89.85 2.02 0.00	107.26 3.53 0.00	93.38 2.54 0.00	71.90 1.89 0.00	66.81 0.92 0.00	56.99 0.28 0.00
CORNELL____ 23752	62.12 1.04 0.00	55.06 0.92 0.00	55.59 0.93 0.00	56.22 1.05 0.00	56.87 1.17 0.00	69.27 1.22 0.00	90.84 1.96 0.00	130.29 3.05 0.00	91.92 1.27 0.00	64.80 0.71 0.00	50.57 0.50 0.00	46.10 0.18 0.00	45.85 0.09 0.00	43.93 0.00 0.00	41.09 0.04 0.00	44.38 0.09 0.00	50.91 -0.05 0.00	63.98 0.26 0.09	88.88 1.05 0.00	105.39 1.66 0.00	92.20 1.36 0.00	70.84 0.84 0.00	66.49 0.59 0.00	57.45 0.74 0.00

CORONA_69_KV_TB1 355595	64.40 3.30 -0.02	56.97 2.82 -0.02	57.29 2.62 0.00	57.71 2.54 0.00	58.32 2.62 0.00	71.31 3.27 0.00	93.77 4.89 0.00	133.09 5.85 0.00	96.09 5.44 0.00	69.03 4.94 0.00	53.84 3.76 -0.02	49.70 3.77 -0.02	49.53 3.75 -0.02	47.36 3.43 0.00	44.04 3.00 0.00	47.52 3.23 0.00	54.86 3.87 -0.02	69.24 4.98 -0.45	94.08 6.24 -0.02	111.10 7.36 0.00	96.83 6.00 0.00	93.22 4.83 -18.39	75.77 4.61 -5.26	60.19 3.46 -0.02
CORTLAND_115KV_TB3 80093	61.63 0.55 0.00	54.62 0.49 0.00	55.15 0.49 0.00	55.72 0.55 0.00	56.31 0.61 0.00	68.73 0.68 0.00	90.04 1.16 0.00	129.02 1.78 0.00	91.28 0.63 0.00	64.42 0.32 0.00	50.32 0.25 0.00	46.01 0.09 0.00	45.76 0.00 0.00	43.89 -0.04 0.00	41.00 -0.04 0.00	44.29 0.00 0.00	50.86 -0.10 0.00	63.74 0.00 0.07	88.35 0.53 0.00	104.66 0.93 0.00	91.56 0.73 0.00	70.42 0.42 0.00	66.16 0.26 0.00	57.05 0.34 0.00
COXSACKIE___GT 23611	63.53 2.45 0.00	56.52 2.38 0.00	57.29 2.62 0.00	57.76 2.59 0.00	58.21 2.51 0.00	71.79 3.74 0.00	94.31 5.42 0.00	134.74 7.51 0.00	95.09 4.44 0.00	66.15 2.05 0.00	50.77 0.70 0.00	46.56 0.64 0.00	46.45 0.69 0.00	44.68 0.75 0.00	41.74 0.70 0.00	45.18 0.89 0.00	52.64 1.68 0.00	66.75 2.94 0.00	92.56 4.74 0.00	109.43 5.70 0.00	96.01 5.18 0.00	73.85 3.85 0.00	69.51 3.62 0.00	59.54 2.83 0.00
CPV_VALLEY___CC1 323721	61.87 0.79 0.00	54.84 0.70 0.00	55.37 0.71 0.00	55.78 0.61 0.00	56.31 0.61 0.00	68.93 0.88 0.00	90.93 2.05 0.00	131.05 3.81 0.00	93.37 2.72 0.00	66.40 2.30 0.00	51.72 1.65 0.00	47.66 1.74 0.00	47.50 1.74 0.00	45.64 1.71 0.00	42.60 1.56 0.00	45.80 1.51 0.00	52.80 1.83 0.00	65.25 2.29 0.85	90.72 2.89 0.00	107.26 3.53 0.00	93.83 2.99 0.00	72.24 2.24 0.00	67.87 1.97 0.00	57.90 1.19 0.00
CPV_VALLEY___CC2 323722	61.87 0.79 0.00	54.84 0.70 0.00	55.37 0.71 0.00	55.78 0.61 0.00	56.31 0.61 0.00	68.93 0.88 0.00	90.93 2.05 0.00	131.05 3.81 0.00	93.37 2.72 0.00	66.40 2.30 0.00	51.72 1.65 0.00	47.66 1.74 0.00	47.50 1.74 0.00	45.64 1.71 0.00	42.60 1.56 0.00	45.80 1.51 0.00	52.80 1.83 0.00	65.25 2.29 0.85	90.72 2.89 0.00	107.26 3.53 0.00	93.83 2.99 0.00	72.24 2.24 0.00	67.87 1.97 0.00	57.90 1.19 0.00
CRESCENT___HYD 24018	61.94 0.85 0.00	54.95 0.81 0.00	55.53 0.87 0.00	56.00 0.83 0.00	56.31 0.61 0.00	69.00 0.95 0.00	90.39 1.51 0.00	129.27 2.03 0.00	92.19 1.54 0.00	65.06 0.96 0.00	50.52 0.45 0.00	46.47 0.55 0.00	46.31 0.55 0.00	44.59 0.66 0.00	41.62 0.57 0.00	45.09 0.80 0.00	52.08 1.12 0.00	65.62 1.72 -0.08	90.20 2.37 0.00	105.91 2.18 0.00	93.19 2.36 0.00	71.90 1.89 0.00	67.67 1.78 0.00	58.13 1.42 0.00
CRICKET___VALLEY_CC1 323756	62.49 1.41 0.00	55.38 1.25 0.00	55.92 1.26 0.00	56.33 1.16 0.00	56.76 1.06 0.00	69.48 1.43 0.00	91.46 2.58 0.00	131.57 4.33 0.00	94.00 3.36 0.00	66.85 2.75 0.00	52.08 2.00 0.00	48.03 2.11 0.00	47.82 2.06 0.00	45.99 2.07 0.00	42.85 1.80 0.00	46.19 1.90 0.00	53.31 2.35 0.00	66.98 2.94 -0.23	91.51 3.69 0.00	107.88 4.15 0.00	94.56 3.73 0.00	72.88 2.87 0.00	68.53 2.64 0.00	58.52 1.81 0.00
CRICKET___VALLEY_CC2 323757	62.49 1.41 0.00	55.38 1.25 0.00	55.92 1.26 0.00	56.33 1.16 0.00	56.76 1.06 0.00	69.48 1.43 0.00	91.46 2.58 0.00	131.57 4.33 0.00	94.00 3.36 0.00	66.85 2.75 0.00	52.08 2.00 0.00	48.03 2.11 0.00	47.82 2.06 0.00	45.99 2.07 0.00	42.85 1.80 0.00	46.19 1.90 0.00	53.31 2.35 0.00	66.98 2.94 -0.23	91.51 3.69 0.00	107.88 4.15 0.00	94.56 3.73 0.00	72.88 2.87 0.00	68.53 2.64 0.00	58.52 1.81 0.00
CRICKET___VALLEY_CC3 323758	62.49 1.41 0.00	55.38 1.25 0.00	55.92 1.26 0.00	56.33 1.16 0.00	56.76 1.06 0.00	69.48 1.43 0.00	91.46 2.58 0.00	131.57 4.33 0.00	94.00 3.36 0.00	66.85 2.75 0.00	52.08 2.00 0.00	48.03 2.11 0.00	47.82 2.06 0.00	45.99 2.07 0.00	42.85 1.80 0.00	46.19 1.90 0.00	53.31 2.35 0.00	66.98 2.94 -0.23	91.51 3.69 0.00	107.88 4.15 0.00	94.56 3.73 0.00	72.88 2.87 0.00	68.53 2.64 0.00	58.52 1.81 0.00
CRUCIBLE_METL_DRP 24180	60.96 -0.12 0.00	54.03 -0.11 0.00	54.55 -0.11 0.00	55.06 -0.11 0.00	55.64 -0.06 0.00	67.91 -0.14 0.00	88.88 0.00 0.00	127.37 0.13 0.00	90.38 -0.27 0.00	63.91 -0.19 0.00	49.92 -0.15 0.00	45.69 -0.23 0.00	45.53 -0.23 0.00	43.62 -0.31 0.00	40.76 -0.29 0.00	43.98 -0.31 0.00	50.46 -0.51 0.00	63.30 -0.51 0.00	87.47 -0.35 0.00	103.42 -0.31 0.00	90.56 -0.27 0.00	69.65 -0.35 0.00	65.50 -0.40 0.00	56.48 -0.23 0.00
DAHOWA___HYDRO 323763	62.42 1.34 0.00	55.38 1.25 0.00	55.97 1.31 0.00	56.55 1.38 0.00	56.92 1.22 0.00	69.81 1.77 0.00	91.81 2.93 0.00	131.57 4.33 0.00	93.18 2.53 0.00	65.51 1.41 0.00	50.67 0.60 0.00	46.42 0.51 0.00	46.31 0.55 0.00	44.46 0.53 0.00	41.50 0.45 0.00	45.04 0.75 0.00	52.24 1.27 0.00	66.12 2.23 -0.08	91.25 3.42 0.00	107.46 3.73 0.00	94.38 3.54 0.00	72.66 2.66 0.00	68.20 2.31 0.00	58.41 1.70 0.00
DANC___LFGE 323619	61.08 0.00 0.00	54.03 -0.11 0.00	54.55 -0.11 0.00	55.39 0.22 0.00	57.88 0.28 -1.90	71.92 0.75 -3.13	98.72 1.78 -8.06	150.84 2.29 -21.31	92.87 0.81 -1.41	63.58 -0.52 0.00	49.07 -1.00 0.00	45.00 -0.92 0.00	44.62 -1.14 0.00	42.70 -1.23 0.00	40.18 -0.86 0.00	43.67 -0.62 0.00	50.36 -0.61 0.00	63.56 -0.25 0.00	88.52 0.70 0.00	105.49 1.76 0.00	92.01 1.18 0.00	70.78 0.77 0.00	65.89 0.00 0.00	56.43 -0.28 0.00
DANSKAMMER___1 23586	62.91 1.83 0.00	55.76 1.62 0.00	56.36 1.70 0.00	56.77 1.60 0.00	57.26 1.56 0.00	70.22 2.18 0.00	92.62 3.73 0.00	133.47 6.23 0.00	95.09 4.44 0.00	67.43 3.33 0.00	52.43 2.35 0.00	48.35 2.43 0.00	48.14 2.38 0.00	46.21 2.28 0.00	43.10 2.05 0.00	46.37 2.08 0.00	53.61 2.65 0.00	66.79 3.38 0.40	92.30 4.48 0.00	109.12 5.39 0.00	95.56 4.72 0.00	73.50 3.50 0.00	69.12 3.23 0.00	58.86 2.15 0.00
DANSKAMMER___2 23589	62.91 1.83 0.00	55.76 1.62 0.00	56.36 1.70 0.00	56.77 1.60 0.00	57.26 1.56 0.00	70.22 2.18 0.00	92.62 3.73 0.00	133.47 6.23 0.00	95.09 4.44 0.00	67.43 3.33 0.00	52.43 2.35 0.00	48.35 2.43 0.00	48.14 2.38 0.00	46.21 2.28 0.00	43.10 2.05 0.00	46.37 2.08 0.00	53.61 2.65 0.00	66.79 3.38 0.40	92.30 4.48 0.00	109.12 5.39 0.00	95.56 4.72 0.00	73.50 3.50 0.00	69.12 3.23 0.00	58.86 2.15 0.00
DANSKAMMER___3 23590	62.91 1.83 0.00	55.76 1.62 0.00	56.36 1.70 0.00	56.77 1.60 0.00	57.26 1.56 0.00	70.22 2.18 0.00	92.62 3.73 0.00	133.47 6.23 0.00	95.09 4.44 0.00	67.43 3.33 0.00	52.43 2.35 0.00	48.35 2.43 0.00	48.14 2.38 0.00	46.21 2.28 0.00	43.10 2.05 0.00	46.37 2.08 0.00	53.61 2.65 0.00	66.79 3.38 0.40	92.30 4.48 0.00	109.12 5.39 0.00	95.56 4.72 0.00	73.50 3.50 0.00	69.12 3.23 0.00	58.86 2.15 0.00

DANSKAMMER___4 23591	62.91 1.83 0.00	55.76 1.62 0.00	56.36 1.70 0.00	56.77 1.60 0.00	57.26 1.56 0.00	70.22 2.18 0.00	92.62 3.73 0.00	133.47 6.23 0.00	95.09 4.44 0.00	67.43 3.33 0.00	52.43 2.35 0.00	48.35 2.43 0.00	48.14 2.38 0.00	46.21 2.28 0.00	43.10 2.05 0.00	46.37 2.08 0.00	53.61 2.65 0.00	66.79 3.38 0.40	92.30 4.48 0.00	109.12 5.39 0.00	95.56 4.72 0.00	73.50 3.50 0.00	69.12 3.23 0.00	58.86 2.15 0.00
DANSKAMMER___DIESEL 23592	62.91 1.83 0.00	55.76 1.62 0.00	56.36 1.69 0.00	56.83 1.66 0.00	57.26 1.56 0.00	70.22 2.18 0.00	92.62 3.73 0.00	133.35 6.11 0.00	95.18 4.53 0.00	67.43 3.33 0.00	52.42 2.35 0.00	48.40 2.48 0.00	48.19 2.43 0.00	46.21 2.28 0.00	43.10 2.05 0.00	46.37 2.08 0.00	53.62 2.65 0.00	66.80 3.38 0.40	92.39 4.57 0.00	109.12 5.39 0.00	95.56 4.72 0.00	73.50 3.50 0.00	69.12 3.23 0.00	58.81 2.10 0.00
DARBY___SOLAR 323810	62.37 1.28 0.00	55.33 1.19 0.00	55.92 1.26 0.00	56.49 1.32 0.00	56.81 1.11 0.00	69.68 1.63 0.00	91.55 2.66 0.00	131.19 3.95 0.00	92.92 2.27 0.00	65.38 1.28 0.00	50.57 0.50 0.00	46.38 0.46 0.00	46.27 0.50 0.00	44.41 0.48 0.00	41.45 0.41 0.00	45.00 0.71 0.00	52.19 1.22 0.00	65.99 2.10 -0.08	91.07 3.25 0.00	107.26 3.53 0.00	94.20 3.36 0.00	72.52 2.52 0.00	68.13 2.24 0.00	58.41 1.70 0.00
DASHVILLE___HYD 23610	62.73 1.65 0.00	55.54 1.41 0.00	56.14 1.48 0.00	56.61 1.43 0.00	57.04 1.34 0.00	70.02 1.97 0.00	92.17 3.29 0.00	132.46 5.22 0.00	94.55 3.90 0.00	66.92 2.82 0.00	51.97 1.90 0.00	47.98 2.07 0.00	47.82 2.06 0.00	45.86 1.93 0.00	42.77 1.72 0.00	46.02 1.73 0.00	53.26 2.29 0.00	66.67 3.00 0.14	91.78 3.95 0.00	108.40 4.67 0.00	94.92 4.09 0.00	73.08 3.08 0.00	68.79 2.90 0.00	58.58 1.87 0.00
DELAWARE___LFGE 323621	62.24 1.16 0.00	55.17 1.03 0.00	55.70 1.04 0.00	56.33 1.16 0.00	56.81 1.11 0.00	69.48 1.43 0.00	91.20 2.31 0.00	130.67 3.44 0.00	92.82 2.18 0.00	65.64 1.54 0.00	51.07 1.00 0.00	46.93 1.01 0.00	46.72 0.96 0.00	44.81 0.88 0.00	41.91 0.86 0.00	45.26 0.97 0.00	52.09 1.12 0.00	65.12 1.47 0.16	90.02 2.20 0.00	106.43 2.70 0.00	93.11 2.27 0.00	71.68 1.68 0.00	67.41 1.52 0.00	57.90 1.19 0.00
DERFIELD_115KV_TB7 355931	61.14 0.06 0.00	54.19 0.05 0.00	54.72 0.05 0.00	55.23 0.06 0.00	55.94 0.00 -0.24	68.51 0.07 -0.39	90.08 0.18 -1.01	130.33 0.38 -2.71	91.10 0.27 -0.18	64.29 0.19 0.00	50.12 0.05 0.00	46.01 0.09 0.00	45.85 0.09 0.00	44.02 0.09 0.00	41.13 0.08 0.00	44.38 0.09 0.00	51.12 0.15 0.00	64.07 0.26 0.00	88.17 0.35 0.00	104.04 0.31 0.00	91.11 0.27 0.00	70.21 0.21 0.00	66.09 0.20 0.00	56.82 0.11 0.00
DOGLEVILLE___HYD 23807	61.88 0.79 0.00	54.79 0.65 0.00	55.32 0.66 0.00	55.89 0.72 0.00	56.72 0.78 -0.24	69.60 1.16 -0.39	91.77 1.87 -1.01	132.75 2.80 -2.71	92.82 1.99 -0.18	65.51 1.41 0.00	51.02 0.95 0.00	46.84 0.92 0.00	46.63 0.87 0.00	44.76 0.83 0.00	41.87 0.82 0.00	45.22 0.93 0.00	52.04 1.07 0.00	65.28 1.47 0.00	89.93 2.11 0.00	106.01 2.28 0.00	92.56 1.73 0.00	71.05 1.05 0.00	66.68 0.79 0.00	57.33 0.62 0.00
DUNKIRK___115KV_TB_200 55889	58.76 -2.32 0.00	52.46 -1.68 0.00	52.97 -1.69 0.00	53.74 -1.43 0.00	54.14 -1.56 0.00	65.19 -2.86 0.00	84.26 -4.62 0.00	118.33 -8.91 0.00	82.67 -7.98 0.00	59.16 -4.94 0.00	47.22 -2.85 0.00	42.61 -3.31 0.00	42.01 -3.75 0.00	40.20 -3.73 0.00	37.68 -3.37 0.00	40.53 -3.76 0.00	45.77 -5.20 0.00	56.52 -7.02 0.27	79.10 -8.52 0.21	94.40 -9.34 0.00	82.12 -8.63 0.09	62.93 -7.07 0.01	59.24 -6.66 0.00	52.63 -4.08 0.00
DUNKIRK___1 23563	58.76 -2.32 0.00	52.46 -1.68 0.00	52.97 -1.69 0.00	53.74 -1.43 0.00	54.14 -1.56 0.00	65.19 -2.86 0.00	84.26 -4.62 0.00	118.33 -8.91 0.00	82.67 -7.98 0.00	59.16 -4.94 0.00	47.22 -2.85 0.00	42.61 -3.31 0.00	42.01 -3.75 0.00	40.20 -3.73 0.00	37.68 -3.37 0.00	40.53 -3.76 0.00	45.77 -5.20 0.00	56.52 -7.02 0.27	79.10 -8.52 0.21	94.40 -9.34 0.00	82.12 -8.63 0.09	62.93 -7.07 0.01	59.24 -6.66 0.00	52.63 -4.08 0.00
DUNKIRK___2 23564	58.76 -2.32 0.00	52.46 -1.68 0.00	52.97 -1.69 0.00	53.74 -1.43 0.00	54.14 -1.56 0.00	65.19 -2.86 0.00	84.26 -4.62 0.00	118.33 -8.91 0.00	82.67 -7.98 0.00	59.16 -4.94 0.00	47.22 -2.85 0.00	42.61 -3.31 0.00	42.01 -3.75 0.00	40.20 -3.73 0.00	37.68 -3.37 0.00	40.53 -3.76 0.00	45.77 -5.20 0.00	56.52 -7.02 0.27	79.10 -8.52 0.21	94.40 -9.34 0.00	82.12 -8.63 0.09	62.93 -7.07 0.01	59.24 -6.66 0.00	52.63 -4.08 0.00
DUNKIRK___3 23565	58.52 -2.57 0.00	52.19 -1.95 0.00	52.75 -1.91 0.00	53.46 -1.71 0.00	53.81 -1.89 0.00	64.78 -3.27 0.00	83.82 -5.07 0.00	117.57 -9.67 0.00	82.22 -8.43 0.00	58.84 -5.26 0.00	47.02 -3.05 0.00	42.43 -3.49 0.00	41.83 -3.94 0.00	40.06 -3.87 0.00	37.51 -3.53 0.00	40.35 -3.94 0.00	45.61 -5.35 0.00	56.27 -7.27 0.27	78.74 -8.87 0.21	93.98 -9.75 0.00	81.85 -8.90 0.09	62.72 -7.28 0.01	59.11 -6.79 0.00	52.57 -4.14 0.00
DUNKIRK___4 23566	58.52 -2.57 0.00	52.19 -1.95 0.00	52.75 -1.91 0.00	53.46 -1.71 0.00	53.81 -1.89 0.00	64.78 -3.27 0.00	83.82 -5.07 0.00	117.57 -9.67 0.00	82.22 -8.43 0.00	58.84 -5.26 0.00	47.02 -3.05 0.00	42.43 -3.49 0.00	41.83 -3.94 0.00	40.06 -3.87 0.00	37.51 -3.53 0.00	40.35 -3.94 0.00	45.61 -5.35 0.00	56.27 -7.27 0.27	78.74 -8.87 0.21	93.98 -9.75 0.00	81.85 -8.90 0.09	62.72 -7.28 0.01	59.11 -6.79 0.00	52.57 -4.14 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	63.34 2.26 0.00	56.03 1.89 0.00	56.52 1.86 0.00	56.99 1.82 0.00	57.43 1.73 0.00	70.36 2.31 0.00	92.97 4.09 0.00	133.86 6.62 0.00	95.82 5.17 0.00	68.14 4.04 0.00	53.18 3.10 0.00	49.09 3.17 0.00	48.87 3.11 0.00	46.92 2.99 0.00	43.67 2.63 0.00	46.99 2.70 0.00	54.23 3.26 0.00	68.26 4.02 -0.43	93.01 5.18 0.00	109.85 6.12 0.00	96.01 5.18 0.00	73.92 3.92 0.00	69.45 3.56 0.00	59.15 2.44 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	62.61 1.53 0.00	55.49 1.35 0.00	56.03 1.37 0.00	56.50 1.32 0.00	56.93 1.23 0.00	69.82 1.77 0.00	92.17 3.29 0.00	132.71 5.47 0.00	94.73 4.08 0.00	67.11 3.01 0.00	52.27 2.20 0.00	48.26 2.34 0.00	48.05 2.29 0.00	46.13 2.20 0.00	43.01 1.97 0.00	46.24 1.95 0.00	53.36 2.40 0.00	66.30 3.06 0.57	91.86 4.04 0.00	108.71 4.98 0.00	95.11 4.27 0.00	73.15 3.15 0.00	68.73 2.83 0.00	58.52 1.81 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	63.83 2.75 0.00	56.36 2.22 0.00	56.79 2.13 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.29 2.25 0.00	92.71 3.82 0.00	133.86 6.62 0.00	96.00 5.35 0.00	68.33 4.23 0.00	53.33 3.25 0.00	49.27 3.35 0.00	49.06 3.29 0.00	47.05 3.12 0.00	43.75 2.71 0.00	47.08 2.79 0.00	54.33 3.36 0.00	68.13 3.89 -0.43	92.74 4.92 0.00	109.75 6.02 0.00	95.74 4.91 0.00	73.78 3.78 0.00	69.32 3.43 0.00	59.20 2.50 0.00

E179THST_13_KV_LOAD 356214	64.14 3.05 0.00	56.57 2.44 0.00	57.01 2.35 0.00	57.43 2.26 0.00	57.93 2.23 0.00	70.56 2.52 0.00	93.15 4.27 0.00	134.49 7.25 0.00	96.45 5.80 0.00	68.58 4.49 0.00	53.58 3.50 0.00	49.45 3.54 0.00	49.24 3.48 0.00	47.27 3.34 0.00	43.96 2.91 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.45 4.21 -0.43	93.27 5.45 0.00	110.27 6.54 0.00	96.29 5.45 0.00	74.06 4.06 0.00	69.65 3.76 0.00	59.43 2.72 0.00
EAST HAMPTON___GT 23717	64.82 3.73 -0.01	57.28 3.14 -0.01	57.50 2.84 0.00	57.82 2.65 0.00	58.60 2.89 0.00	71.79 3.74 0.00	92.70 3.82 0.00	131.05 3.81 0.00	94.00 3.36 0.00	68.91 4.81 0.00	54.68 4.60 -0.01	50.24 4.32 -0.01	49.89 4.12 -0.01	47.49 3.56 0.00	44.00 2.96 0.00	47.75 3.46 0.00	55.71 4.74 -0.01	70.44 6.19 -0.44	95.39 7.55 -0.01	111.92 8.19 0.00	97.19 6.36 0.00	86.55 6.72 -9.82	77.68 6.52 -5.26	61.76 5.05 -0.01
EAST RIVER___6 23660	63.34 2.26 0.00	56.03 1.89 0.00	56.52 1.86 0.00	56.94 1.77 0.00	57.43 1.73 0.00	70.36 2.31 0.00	93.06 4.18 0.00	134.23 6.99 0.00	96.18 5.53 0.00	68.52 4.42 0.00	53.43 3.36 0.00	49.32 3.40 0.00	49.06 3.30 0.00	47.18 3.25 0.00	43.84 2.79 0.00	47.17 2.88 0.00	54.43 3.47 0.00	68.58 4.34 -0.43	93.27 5.45 0.00	109.95 6.22 0.00	96.10 5.27 0.00	73.92 3.92 0.00	69.45 3.56 0.00	59.09 2.38 0.00
EAST RIVER___7 23524	63.34 2.26 0.00	56.03 1.89 0.00	56.52 1.86 0.00	56.94 1.77 0.00	57.43 1.73 0.00	70.36 2.31 0.00	93.06 4.18 0.00	134.23 6.99 0.00	96.18 5.53 0.00	68.52 4.42 0.00	53.43 3.36 0.00	49.32 3.40 0.00	49.06 3.30 0.00	47.18 3.25 0.00	43.84 2.79 0.00	47.17 2.88 0.00	54.43 3.47 0.00	68.58 4.34 -0.43	93.27 5.45 0.00	109.95 6.22 0.00	96.10 5.27 0.00	73.92 3.92 0.00	69.45 3.56 0.00	59.09 2.38 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	63.22 2.14 0.00	55.92 1.79 0.00	56.41 1.75 0.00	56.88 1.71 0.00	57.32 1.62 0.00	70.22 2.18 0.00	92.71 3.82 0.00	133.47 6.23 0.00	95.54 4.90 0.00	67.88 3.78 0.00	52.93 2.85 0.00	48.90 2.98 0.00	48.69 2.93 0.00	46.74 2.81 0.00	43.51 2.46 0.00	46.81 2.52 0.00	54.02 3.06 0.00	68.08 3.83 -0.44	92.74 4.92 0.00	109.44 5.71 0.00	95.74 4.91 0.00	73.71 3.71 0.00	69.25 3.36 0.00	58.98 2.27 0.00
EAST_HAMPTON___DIESEL 23722	64.69 3.60 -0.01	57.18 3.03 -0.01	57.34 2.68 0.00	57.66 2.48 0.00	58.48 2.78 0.00	71.65 3.60 0.00	92.44 3.56 0.00	130.80 3.56 0.00	93.82 3.17 0.00	68.77 4.68 0.00	54.59 4.51 -0.01	50.15 4.22 -0.01	49.80 4.03 -0.01	47.40 3.47 0.00	43.92 2.87 0.00	47.65 3.36 0.00	55.61 4.64 -0.01	70.31 6.07 -0.44	95.21 7.38 -0.01	111.72 7.99 0.00	97.02 6.18 0.00	86.41 6.58 -9.82	77.54 6.39 -5.26	61.65 4.93 -0.01
EAST_POINT___SOLAR 323840	64.20 3.11 0.00	56.90 2.76 0.00	57.50 2.84 0.00	58.20 3.03 0.00	58.76 3.06 0.00	72.41 4.36 0.00	95.73 6.84 0.00	136.52 9.28 0.00	93.10 2.45 0.00	63.65 -0.45 0.00	48.87 -1.20 0.00	44.82 -1.10 0.00	44.80 -0.96 0.00	42.92 -1.01 0.00	40.02 -1.02 0.00	43.58 -0.71 0.00	51.12 0.15 0.00	65.66 1.85 0.00	93.27 5.45 0.00	111.61 7.88 0.00	97.65 6.82 0.00	74.90 4.90 0.00	70.05 4.15 0.00	59.77 3.06 0.00
EAST_PULASKI___ESR 323781	60.53 -0.55 0.00	53.54 -0.59 0.00	54.12 -0.55 0.00	54.79 -0.38 0.00	56.57 -0.33 -1.21	69.89 -0.14 -1.98	94.26 0.27 -5.11	140.97 0.25 -13.48	91.18 -0.36 -0.89	63.14 -0.96 0.00	48.97 -1.10 0.00	44.86 -1.05 0.00	44.57 -1.19 0.00	42.70 -1.23 0.00	40.06 -0.99 0.00	43.40 -0.89 0.00	50.00 -0.97 0.00	62.98 -0.83 0.00	87.39 -0.44 0.00	103.83 0.10 0.00	90.75 -0.09 0.00	69.79 -0.21 0.00	65.23 -0.66 0.00	55.97 -0.74 0.00
EAST_RIVER___1 323558	63.46 2.38 0.00	56.14 2.00 0.00	56.63 1.96 0.00	57.05 1.88 0.00	57.54 1.84 0.00	70.49 2.45 0.00	93.06 4.18 0.00	134.36 7.12 0.00	96.18 5.53 0.00	68.46 4.36 0.00	53.43 3.36 0.00	49.27 3.35 0.00	49.06 3.30 0.00	47.13 3.21 0.00	43.84 2.79 0.00	47.17 2.88 0.00	54.43 3.47 0.00	68.45 4.21 -0.43	93.18 5.36 0.00	110.06 6.33 0.00	96.19 5.36 0.00	73.99 3.99 0.00	69.51 3.62 0.00	59.15 2.44 0.00
EAST_RIVER___2 323559	63.34 2.26 0.00	56.03 1.89 0.00	56.52 1.86 0.00	56.94 1.77 0.00	57.43 1.73 0.00	70.36 2.31 0.00	93.06 4.18 0.00	134.23 6.99 0.00	96.18 5.53 0.00	68.52 4.42 0.00	53.43 3.36 0.00	49.32 3.40 0.00	49.06 3.30 0.00	47.18 3.25 0.00	43.84 2.79 0.00	47.17 2.88 0.00	54.43 3.47 0.00	68.58 4.34 -0.43	93.27 5.45 0.00	109.95 6.22 0.00	96.10 5.27 0.00	73.92 3.92 0.00	69.45 3.56 0.00	59.09 2.38 0.00
EAST___DELAWARE_HYD 23607	63.59 2.51 0.00	56.46 2.33 0.00	57.18 2.52 0.00	57.60 2.42 0.00	58.15 2.45 0.00	71.45 3.40 0.00	94.22 5.33 0.00	135.76 8.53 0.00	96.63 5.98 0.00	68.26 4.16 0.00	52.82 2.75 0.00	48.67 2.70 0.00	48.46 2.70 0.00	46.48 2.55 0.00	43.38 2.34 0.00	46.68 2.39 0.00	54.07 3.11 0.00	67.54 4.15 0.42	93.53 5.71 0.00	110.68 6.95 0.00	96.83 5.99 0.00	74.42 4.41 0.00	69.98 4.09 0.00	59.60 2.89 0.00
EIGHT_POINT___WT_PWR 323820	59.68 -1.40 0.00	53.33 -0.81 0.00	54.12 -0.55 0.00	54.84 -0.33 0.00	55.70 0.00 0.00	67.30 -0.75 0.00	87.64 -1.24 0.00	123.93 -3.31 0.00	86.75 -3.90 0.00	61.41 -2.69 0.00	48.47 -1.60 0.00	43.81 -2.11 0.00	43.29 -2.47 0.00	41.51 -2.42 0.00	38.79 -2.26 0.00	41.68 -2.61 0.00	47.25 -3.72 0.00	59.06 -4.60 0.15	82.57 -5.18 0.08	98.44 -5.29 0.00	85.99 -4.82 0.03	65.66 -4.34 0.00	61.54 -4.35 0.00	54.10 -2.61 0.00
ELBRIDGE_115KV_TB2 80188	60.65 -0.43 0.00	53.76 -0.38 0.00	54.28 -0.38 0.00	54.79 -0.39 0.00	55.37 -0.33 0.00	67.57 -0.48 0.00	88.35 -0.53 0.00	126.60 -0.64 0.00	89.83 -0.82 0.00	63.52 -0.58 0.00	49.67 -0.40 0.00	45.41 -0.51 0.00	45.26 -0.50 0.00	43.36 -0.57 0.00	40.51 -0.53 0.00	43.71 -0.58 0.00	50.15 -0.82 0.00	62.98 -0.83 0.00	86.95 -0.88 0.00	102.80 -0.93 0.00	90.02 -0.82 0.00	69.30 -0.70 0.00	65.10 -0.79 0.00	56.14 -0.57 0.00
ELEC_TRO_TEK 24086	64.15 3.05 -0.02	56.80 2.65 -0.02	57.07 2.41 0.00	57.49 2.32 0.00	58.10 2.40 0.00	71.11 3.06 0.00	93.42 4.53 0.00	132.58 5.34 0.00	95.82 5.17 0.00	68.84 4.74 0.00	53.69 3.61 -0.02	49.56 3.63 -0.02	49.39 3.62 -0.02	47.22 3.29 0.00	43.88 2.83 0.00	47.39 3.10 0.00	54.65 3.67 -0.02	68.98 4.72 -0.45	93.72 5.88 -0.02	110.68 6.95 0.00	96.47 5.63 0.00	90.22 4.62 -15.59	75.50 4.35 -5.26	59.96 3.23 -0.02
ELLENBURG_WT_PWR 323604	60.53 -0.55 0.00	53.43 -0.71 0.00	53.90 -0.77 0.00	54.45 -0.72 0.00	54.71 -0.61 0.37	66.48 -0.95 0.62	86.23 -1.06 1.59	121.92 -1.27 4.05	89.30 -1.08 0.27	62.95 -1.15 0.00	49.82 -0.25 0.00	45.69 -0.23 0.00	45.63 -0.14 0.00	43.71 -0.22 0.00	40.88 -0.16 0.00	44.11 -0.18 0.00	50.81 -0.15 0.00	62.73 -1.09 0.00	86.15 -1.67 0.00	102.18 -1.55 0.00	89.11 -1.73 0.00	68.96 -1.05 0.00	65.03 -0.86 0.00	56.32 -0.39 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	57.72 -3.36 0.00	51.43 -2.71 0.00	51.98 -2.68 0.00	52.69 -2.48 0.00	52.97 -2.73 0.00	63.76 -4.29 0.00	82.13 -6.76 0.00	115.28 -11.96 0.00	80.95 -9.70 0.00	57.88 -6.22 0.00	46.37 -3.71 0.00	41.83 -4.09 0.00	41.28 -4.48 0.00	39.49 -4.44 0.00	37.06 -3.98 0.00	39.86 -4.43 0.00	45.05 -5.91 0.00	55.75 -7.78 0.27	77.51 -10.10 0.22	92.32 -11.41 0.00	80.48 -10.26 0.09	61.88 -8.12 0.01	58.51 -7.38 0.00	52.12 -4.59 0.00
EMPIRE_CC_1 323656	61.08 0.00 0.00	54.19 0.05 0.00	54.77 0.11 0.00	55.23 0.06 0.00	55.53 -0.17 0.00	67.91 -0.14 0.00	88.88 0.00 0.00	126.73 -0.51 0.00	90.83 0.18 0.00	64.23 0.13 0.00	49.92 -0.15 0.00	45.96 0.05 0.00	45.81 0.05 0.00	44.28 0.35 0.00	41.37 0.33 0.00	44.64 0.35 0.00	51.47 0.51 0.00	64.82 0.89 -0.12	88.61 0.79 0.00	103.94 0.21 0.00	91.56 0.72 0.00	70.78 0.77 0.00	66.75 0.85 0.00	57.39 0.68 0.00
EMPIRE_CC_2 323658	61.08 0.00 0.00	54.19 0.05 0.00	54.77 0.11 0.00	55.23 0.06 0.00	55.53 -0.17 0.00	67.91 -0.14 0.00	88.88 0.00 0.00	126.73 -0.51 0.00	90.83 0.18 0.00	64.23 0.13 0.00	49.92 -0.15 0.00	45.96 0.05 0.00	45.81 0.05 0.00	44.28 0.35 0.00	41.37 0.33 0.00	44.64 0.35 0.00	51.47 0.51 0.00	64.82 0.89 -0.12	88.61 0.79 0.00	103.94 0.21 0.00	91.56 0.72 0.00	70.78 0.77 0.00	66.75 0.85 0.00	57.39 0.68 0.00
ENORWICH_115KV_TB1 80156	64.38 3.30 0.00	57.01 2.87 0.00	57.67 3.01 0.00	58.59 3.42 0.00	59.27 3.56 0.00	72.67 4.63 0.00	96.00 7.11 0.00	137.67 10.43 0.00	96.99 6.35 0.00	67.49 3.40 0.00	52.07 2.00 0.00	47.62 1.70 0.00	47.09 1.33 0.00	45.03 1.10 0.00	42.36 1.31 0.00	45.97 1.68 0.00	53.05 2.09 0.00	66.77 3.13 0.16	93.36 5.53 0.00	110.78 7.05 0.00	96.65 5.81 0.00	73.85 3.85 0.00	68.99 3.10 0.00	59.37 2.67 0.00
ERIE_ST__34_KV_TB1-2 80199	58.94 -2.14 0.00	52.62 -1.52 0.00	53.13 -1.53 0.00	53.85 -1.32 0.00	54.20 -1.50 0.00	65.26 -2.79 0.00	84.35 -4.53 0.00	117.44 -9.80 0.00	82.31 -8.34 0.00	58.91 -5.19 0.00	47.07 -3.00 0.00	42.57 -3.35 0.00	41.92 -3.84 0.00	40.11 -3.82 0.00	37.60 -3.45 0.00	40.44 -3.85 0.00	45.66 -5.30 0.00	55.75 -7.78 0.28	78.65 -8.96 0.22	94.08 -9.65 0.00	81.93 -8.81 0.09	62.92 -7.07 0.01	59.37 -6.52 0.00	53.31 -3.40 0.00
ERIE_WT_PWR 323693	58.52 -2.56 0.00	52.24 -1.90 0.00	52.75 -1.91 0.00	53.35 -1.82 0.00	53.86 -1.84 0.00	64.58 -3.47 0.00	83.29 -5.60 0.00	116.55 -10.69 0.00	81.86 -8.79 0.00	58.52 -5.58 0.00	46.72 -3.35 0.00	42.20 -3.72 0.00	41.55 -4.21 0.00	39.80 -4.13 0.00	37.31 -3.73 0.00	40.13 -4.17 0.00	45.36 -5.61 0.00	56.00 -7.53 0.28	78.12 -9.49 0.22	93.15 -10.58 0.00	81.21 -9.54 0.09	62.37 -7.63 0.01	58.91 -6.99 0.00	52.57 -4.14 0.00
ESPRGFLD_115KV_TB1 80157	62.98 1.89 0.00	55.76 1.62 0.00	56.36 1.69 0.00	56.99 1.82 0.00	57.54 1.84 0.00	70.63 2.59 0.00	93.15 4.27 0.00	133.47 6.23 0.00	93.64 2.99 0.00	65.38 1.28 0.00	50.52 0.45 0.00	46.38 0.46 0.00	46.17 0.41 0.00	44.19 0.26 0.00	41.33 0.29 0.00	44.78 0.49 0.00	51.88 0.92 0.00	65.60 1.79 0.00	91.42 3.60 0.00	108.61 4.88 0.00	94.92 4.09 0.00	72.87 2.87 0.00	68.33 2.44 0.00	58.47 1.76 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	62.00 0.92 0.00	54.95 0.81 0.00	55.54 0.87 0.00	56.11 0.94 0.00	56.76 1.06 0.00	69.20 1.16 0.00	90.75 1.87 0.00	130.04 2.80 0.00	91.74 1.09 0.00	64.67 0.58 0.00	50.47 0.40 0.00	46.06 0.14 0.00	45.81 0.05 0.00	43.89 -0.04 0.00	41.00 -0.04 0.00	44.33 0.04 0.00	50.91 -0.05 0.00	63.92 0.19 0.09	88.79 0.97 0.00	105.29 1.56 0.00	92.11 1.27 0.00	70.77 0.77 0.00	66.42 0.53 0.00	57.39 0.68 0.00
ETNA_____115KV_TB2 80207	62.00 0.92 0.00	54.95 0.81 0.00	55.54 0.87 0.00	56.11 0.94 0.00	56.76 1.06 0.00	69.20 1.16 0.00	90.75 1.87 0.00	130.04 2.80 0.00	91.74 1.09 0.00	64.67 0.58 0.00	50.47 0.40 0.00	46.06 0.14 0.00	45.81 0.05 0.00	43.89 -0.04 0.00	41.00 -0.04 0.00	44.33 0.04 0.00	50.91 -0.05 0.00	63.92 0.19 0.09	88.79 0.97 0.00	105.29 1.56 0.00	92.11 1.27 0.00	70.77 0.77 0.00	66.42 0.53 0.00	57.39 0.68 0.00
EUCLID___115KV_TB2 356179	60.17 -0.92 0.00	53.32 -0.81 0.00	53.84 -0.82 0.00	54.40 -0.77 0.00	54.92 -0.78 0.00	67.03 -1.02 0.00	87.73 -1.16 0.00	125.71 -1.53 0.00	89.29 -1.36 0.00	63.14 -0.96 0.00	49.42 -0.65 0.00	45.23 -0.69 0.00	45.03 -0.73 0.00	43.18 -0.75 0.00	40.35 -0.70 0.00	43.54 -0.75 0.00	50.00 -0.97 0.00	62.66 -1.15 0.00	86.42 -1.41 0.00	102.17 -1.56 0.00	89.47 -1.36 0.00	68.81 -1.19 0.00	64.71 -1.19 0.00	55.80 -0.91 0.00
E_CANADA_CAP_HY 24051	63.10 2.01 0.00	55.87 1.73 0.00	56.46 1.80 0.00	57.10 1.93 0.00	57.65 1.95 0.00	70.97 2.92 0.00	93.59 4.71 0.00	133.98 6.74 0.00	93.00 2.35 0.00	64.42 0.32 0.00	49.52 -0.55 0.00	45.37 -0.55 0.00	45.26 -0.50 0.00	43.36 -0.57 0.00	40.51 -0.53 0.00	44.03 -0.26 0.00	51.32 0.36 0.00	65.47 1.66 0.00	91.87 4.04 0.00	109.33 5.60 0.00	95.65 4.81 0.00	73.43 3.43 0.00	68.72 2.83 0.00	58.69 1.98 0.00
E_CANADA_MHWK_HY 24050	61.87 0.79 0.00	54.79 0.65 0.00	55.37 0.71 0.00	55.89 0.72 0.00	56.72 0.78 -0.24	69.60 1.16 -0.39	91.77 1.87 -1.01	132.75 2.80 -2.71	92.82 1.99 -0.18	65.51 1.41 0.00	51.02 0.95 0.00	46.84 0.92 0.00	46.63 0.87 0.00	44.76 0.83 0.00	41.86 0.82 0.00	45.22 0.93 0.00	52.04 1.07 0.00	65.28 1.47 0.00	89.93 2.10 0.00	106.01 2.28 0.00	92.56 1.72 0.00	71.06 1.05 0.00	66.69 0.79 0.00	57.33 0.62 0.00
E_FISHKILL___LBMP 23776	62.85 1.77 0.00	55.60 1.46 0.00	56.14 1.48 0.00	56.61 1.43 0.00	57.04 1.34 0.00	69.82 1.77 0.00	92.00 3.11 0.00	132.33 5.09 0.00	94.64 3.99 0.00	67.24 3.14 0.00	52.37 2.30 0.00	48.35 2.43 0.00	48.19 2.43 0.00	46.21 2.28 0.00	43.06 2.01 0.00	46.37 2.08 0.00	53.51 2.55 0.00	67.24 3.19 -0.24	91.95 4.13 0.00	108.50 4.77 0.00	94.92 4.09 0.00	73.15 3.15 0.00	68.79 2.90 0.00	58.69 1.98 0.00
FALCON___SEABRD_CC1 323796	61.20 0.12 0.00	53.65 -0.49 0.00	54.06 -0.60 0.00	54.62 -0.55 0.00	54.75 -0.95 0.00	66.07 -1.98 0.00	86.57 -2.31 0.00	124.32 -2.92 0.00	88.47 -2.18 0.00	61.85 -2.25 0.00	49.97 -0.10 0.00	45.83 -0.09 0.00	45.76 0.00 0.00	43.84 -0.09 0.00	40.96 -0.08 0.00	44.25 -0.04 0.00	50.97 0.00 0.00	62.15 -1.66 0.00	84.84 -2.99 0.00	100.72 -3.01 0.00	87.84 -3.00 0.00	67.97 -2.03 0.00	64.51 -1.39 0.00	56.54 -0.17 0.00
FALCON___SEABRD_CC2 323797	61.20 0.12 0.00	53.65 -0.49 0.00	54.06 -0.60 0.00	54.62 -0.55 0.00	54.75 -0.95 0.00	66.07 -1.98 0.00	86.57 -2.31 0.00	124.32 -2.92 0.00	88.47 -2.18 0.00	61.85 -2.25 0.00	49.97 -0.10 0.00	45.83 -0.09 0.00	45.76 0.00 0.00	43.84 -0.09 0.00	40.96 -0.08 0.00	44.25 -0.04 0.00	50.97 0.00 0.00	62.15 -1.66 0.00	84.84 -2.99 0.00	100.72 -3.01 0.00	87.84 -3.00 0.00	67.97 -2.03 0.00	64.51 -1.39 0.00	56.54 -0.17 0.00

FAR ROCKAWAY___4 23548	64.89 3.79 -0.02	57.45 3.30 -0.02	57.78 3.12 0.00	58.15 2.98 0.00	58.76 3.06 0.00	71.93 3.88 0.00	94.48 5.60 0.00	133.98 6.74 0.00	96.72 6.07 0.00	69.55 5.45 0.00	54.24 4.16 -0.02	50.07 4.13 -0.02	49.90 4.12 -0.02	47.66 3.73 0.00	44.33 3.28 0.00	47.88 3.59 0.00	55.31 4.33 -0.02	69.81 5.55 -0.45	94.95 7.11 -0.02	112.13 8.40 0.00	97.65 6.81 0.00	91.52 5.53 -15.99	76.36 5.21 -5.26	60.69 3.97 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	63.53 2.44 0.00	56.14 2.00 0.00	56.63 1.97 0.00	57.10 1.93 0.00	57.59 1.89 0.00	70.50 2.45 0.00	93.24 4.36 0.00	134.49 7.25 0.00	96.36 5.71 0.00	68.52 4.42 0.00	53.43 3.35 0.00	49.36 3.44 0.00	49.15 3.39 0.00	47.14 3.21 0.00	43.88 2.83 0.00	47.17 2.88 0.00	54.43 3.47 0.00	68.45 4.21 -0.43	93.27 5.45 0.00	110.16 6.43 0.00	96.29 5.45 0.00	74.06 4.06 0.00	69.52 3.62 0.00	59.15 2.44 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	63.59 2.50 0.00	56.19 2.06 0.00	56.68 2.02 0.00	57.10 1.93 0.00	57.59 1.89 0.00	70.56 2.52 0.00	93.24 4.36 0.00	134.49 7.25 0.00	96.36 5.71 0.00	68.52 4.42 0.00	53.43 3.35 0.00	49.36 3.44 0.00	49.15 3.39 0.00	47.14 3.21 0.00	43.88 2.83 0.00	47.17 2.88 0.00	54.43 3.47 0.00	68.52 4.28 -0.43	93.27 5.45 0.00	110.16 6.43 0.00	96.29 5.45 0.00	74.06 4.06 0.00	69.58 3.69 0.00	59.15 2.44 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	63.53 2.44 0.00	56.14 2.00 0.00	56.63 1.97 0.00	57.10 1.93 0.00	57.54 1.84 0.00	70.50 2.45 0.00	93.24 4.36 0.00	134.36 7.13 0.00	96.27 5.62 0.00	68.46 4.36 0.00	53.43 3.35 0.00	49.32 3.40 0.00	49.10 3.34 0.00	47.14 3.21 0.00	43.84 2.79 0.00	47.17 2.88 0.00	54.38 3.41 0.00	68.45 4.21 -0.43	93.27 5.45 0.00	110.06 6.33 0.00	96.20 5.36 0.00	73.99 3.99 0.00	69.52 3.62 0.00	59.15 2.44 0.00
FARRAGUT___LBMP 323566	63.46 2.38 0.00	56.09 1.95 0.00	56.58 1.91 0.00	57.05 1.88 0.00	57.54 1.84 0.00	70.43 2.38 0.00	93.15 4.27 0.00	134.24 7.00 0.00	96.18 5.53 0.00	68.39 4.29 0.00	53.38 3.30 0.00	49.27 3.35 0.00	49.10 3.34 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.12 2.83 0.00	54.38 3.41 0.00	68.39 4.15 -0.43	93.18 5.36 0.00	110.06 6.33 0.00	96.11 5.27 0.00	73.92 3.92 0.00	69.45 3.56 0.00	59.09 2.38 0.00
FENNER___WINDPWR 24204	62.06 0.97 0.00	55.00 0.86 0.00	55.53 0.87 0.00	56.17 0.99 0.00	57.11 1.06 -0.35	69.99 1.36 -0.58	92.51 2.13 -1.49	133.80 3.18 -3.38	92.68 1.81 -0.22	65.12 1.02 0.00	50.67 0.60 0.00	46.38 0.46 0.00	46.13 0.36 0.00	44.24 0.31 0.00	41.41 0.37 0.00	44.78 0.49 0.00	51.47 0.51 0.00	64.64 0.83 0.00	89.41 1.58 0.00	105.91 2.18 0.00	92.56 1.72 0.00	71.19 1.19 0.00	66.81 0.92 0.00	57.50 0.79 0.00
FIBERTEK___ENERGY 23856	60.96 -0.12 0.00	54.03 -0.11 0.00	54.55 -0.11 0.00	55.06 -0.11 0.00	55.64 -0.06 0.00	67.91 -0.14 0.00	88.88 0.00 0.00	127.37 0.13 0.00	90.38 -0.27 0.00	63.91 -0.19 0.00	49.92 -0.15 0.00	45.69 -0.23 0.00	45.53 -0.23 0.00	43.62 -0.31 0.00	40.76 -0.29 0.00	43.98 -0.31 0.00	50.46 -0.51 0.00	63.30 -0.51 0.00	87.47 -0.35 0.00	103.42 -0.31 0.00	90.56 -0.27 0.00	69.65 -0.35 0.00	65.50 -0.40 0.00	56.48 -0.23 0.00
FITZPATRICK___ 23598	59.56 -1.52 0.00	52.79 -1.35 0.00	53.30 -1.36 0.00	53.79 -1.38 0.00	54.36 -1.34 0.00	66.35 -1.70 0.00	86.75 -2.13 0.00	124.18 -3.05 0.00	88.29 -2.36 0.00	62.43 -1.67 0.00	48.82 -1.25 0.00	44.68 -1.24 0.00	44.48 -1.28 0.00	42.70 -1.23 0.00	39.90 -1.15 0.00	43.05 -1.24 0.00	49.44 -1.53 0.00	62.02 -1.79 0.00	85.46 -2.37 0.00	101.03 -2.70 0.00	88.47 -2.36 0.00	68.12 -1.89 0.00	64.05 -1.84 0.00	55.18 -1.53 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	63.71 2.63 0.00	56.41 2.27 0.00	57.01 2.35 0.00	57.49 2.32 0.00	57.93 2.23 0.00	71.11 3.06 0.00	93.77 4.89 0.00	135.00 7.76 0.00	96.36 5.71 0.00	68.14 4.04 0.00	52.93 2.85 0.00	48.86 2.94 0.00	48.65 2.88 0.00	46.65 2.72 0.00	43.47 2.42 0.00	46.81 2.52 0.00	54.18 3.21 0.00	68.10 4.15 -0.14	93.44 5.62 0.00	110.27 6.54 0.00	96.65 5.81 0.00	74.27 4.27 0.00	69.91 4.02 0.00	59.49 2.78 0.00
FORT ORANGE___ 23900	61.57 0.49 0.00	54.73 0.60 0.00	55.26 0.60 0.00	55.78 0.61 0.00	56.14 0.44 0.00	68.73 0.68 0.00	90.13 1.24 0.00	127.88 0.64 0.00	91.29 0.64 0.00	64.36 0.26 0.00	49.97 -0.10 0.00	45.92 0.00 0.00	45.85 0.09 0.00	44.15 0.22 0.00	41.25 0.21 0.00	44.56 0.27 0.00	51.47 0.51 0.00	64.85 0.96 -0.08	88.88 1.06 0.00	104.56 0.83 0.00	91.84 1.00 0.00	70.85 0.84 0.00	66.88 0.99 0.00	57.73 1.02 0.00
FORT_DRUM_COGEN 23780	61.94 0.86 0.00	54.79 0.65 0.00	55.32 0.66 0.00	56.22 1.05 0.00	59.55 1.17 -2.68	74.57 2.11 -4.41	103.90 3.64 -11.37	162.70 5.34 -30.12	95.18 2.54 -1.99	64.35 0.26 0.00	49.52 -0.55 0.00	45.41 -0.51 0.00	44.98 -0.78 0.00	43.01 -0.92 0.00	40.59 -0.45 0.00	44.20 -0.09 0.00	51.02 0.05 0.00	64.51 0.70 0.00	90.11 2.28 0.00	107.57 3.84 0.00	93.65 2.82 0.00	72.10 2.10 0.00	66.95 1.05 0.00	57.11 0.40 0.00
FOX_HILLS___ESR 323835	63.77 2.68 0.00	56.30 2.17 0.00	56.79 2.13 0.00	57.15 1.98 0.00	57.70 2.00 0.00	70.43 2.38 0.00	93.15 4.27 0.00	134.49 7.25 0.00	96.27 5.62 0.00	68.52 4.42 0.00	53.38 3.30 0.00	49.27 3.35 0.00	49.01 3.25 0.00	47.13 3.21 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.43 3.47 0.00	62.09 3.70 5.42	88.21 4.65 4.27	109.54 5.81 0.00	95.74 4.90 0.00	73.50 3.50 0.00	67.49 3.23 1.63	58.98 2.27 0.00
FPL_FAR_ROCK_GT1 24212	65.01 3.91 -0.02	57.45 3.30 -0.02	57.78 3.11 0.00	58.15 2.98 0.00	58.76 3.06 0.00	71.92 3.88 0.00	93.95 5.06 0.00	134.10 6.87 0.00	96.18 5.53 0.00	69.54 5.45 0.00	54.24 4.15 -0.02	50.02 4.09 -0.02	49.81 4.03 -0.02	47.66 3.73 0.00	44.33 3.28 0.00	47.88 3.59 0.00	55.31 4.33 -0.02	69.81 5.55 -0.45	94.95 7.11 -0.02	112.13 8.40 0.00	97.65 6.82 0.00	91.52 5.53 -15.99	76.36 5.20 -5.26	60.75 4.03 -0.02
FPL_FAR_ROCK_GT2 23815	65.01 3.91 -0.02	57.45 3.30 -0.02	57.78 3.11 0.00	58.15 2.98 0.00	58.76 3.06 0.00	71.92 3.88 0.00	93.95 5.06 0.00	134.10 6.87 0.00	96.18 5.53 0.00	69.54 5.45 0.00	54.24 4.15 -0.02	50.02 4.09 -0.02	49.81 4.03 -0.02	47.66 3.73 0.00	44.33 3.28 0.00	47.88 3.59 0.00	55.31 4.33 -0.02	69.81 5.55 -0.45	94.95 7.11 -0.02	112.13 8.40 0.00	97.65 6.82 0.00	91.52 5.53 -15.99	76.36 5.20 -5.26	60.75 4.03 -0.02
FRANKLIN_FALL_HYD 24054	61.08 0.00 0.00	54.14 0.00 0.00	54.66 0.00 0.00	54.90 -0.28 0.00	58.50 0.22 -2.58	72.42 0.14 -4.24	99.90 0.09 -10.93	156.36 0.51 -28.61	92.63 0.09 -1.89	63.39 -0.71 0.00	50.02 -0.05 0.00	45.69 -0.23 0.00	45.53 -0.23 0.00	43.84 -0.09 0.00	40.96 -0.08 0.00	44.29 0.00 0.00	51.02 0.05 0.00	63.30 -0.51 0.00	86.86 -0.97 0.00	103.32 -0.41 0.00	90.02 -0.82 0.00	69.86 -0.14 0.00	65.69 -0.20 0.00	56.88 0.17 0.00

FREEPORT_EQUS_GT1 23764	64.70 3.60 -0.01	57.18 3.03 -0.01	57.50 2.84 0.00	57.82 2.65 0.00	58.48 2.78 0.00	71.58 3.54 0.00	93.42 4.53 0.00	133.09 5.86 0.00	95.63 4.98 0.00	69.23 5.13 0.00	54.04 3.95 -0.01	49.83 3.90 -0.01	49.62 3.84 -0.01	47.49 3.56 0.00	44.12 3.08 0.00	47.70 3.41 0.00	54.90 3.92 -0.01	69.36 5.11 -0.44	94.24 6.41 -0.01	111.20 7.47 0.00	96.83 5.99 0.00	87.42 5.32 -12.10	76.16 5.01 -5.26	60.52 3.80 -0.01
FREEPORT___CT2 23818	64.70 3.60 -0.01	57.18 3.03 -0.01	57.50 2.84 0.00	57.82 2.65 0.00	58.48 2.78 0.00	71.58 3.54 0.00	93.42 4.53 0.00	133.09 5.86 0.00	95.63 4.98 0.00	69.23 5.13 0.00	54.04 3.95 -0.01	49.83 3.90 -0.01	49.62 3.84 -0.01	47.49 3.56 0.00	44.12 3.08 0.00	47.70 3.41 0.00	54.90 3.92 -0.01	69.36 5.11 -0.44	94.24 6.41 -0.01	111.20 7.47 0.00	96.83 5.99 0.00	87.42 5.32 -12.10	76.16 5.01 -5.26	60.52 3.80 -0.01
FRESHKLS_33_KV_LOAD 356253	63.95 2.87 0.00	56.41 2.27 0.00	56.85 2.19 0.00	57.27 2.10 0.00	57.82 2.12 0.00	70.63 2.59 0.00	93.42 4.53 0.00	134.62 7.38 0.00	96.45 5.80 0.00	68.52 4.42 0.00	53.38 3.30 0.00	49.32 3.40 0.00	49.10 3.34 0.00	47.14 3.21 0.00	43.79 2.75 0.00	47.12 2.83 0.00	54.38 3.41 0.00	61.97 3.57 5.42	88.12 4.57 4.27	109.44 5.71 0.00	95.74 4.91 0.00	73.43 3.43 0.00	67.42 3.16 1.63	58.92 2.21 0.00
FULTON COGEN___ 23766	59.98 -1.10 0.00	53.16 -0.97 0.00	53.68 -0.98 0.00	54.23 -0.94 0.00	55.08 -0.95 -0.33	67.43 -1.16 -0.54	88.95 -1.33 -1.40	129.07 -1.78 -3.62	89.26 -1.63 -0.24	62.88 -1.22 0.00	49.12 -0.95 0.00	44.95 -0.96 0.00	44.80 -0.96 0.00	42.92 -1.01 0.00	40.10 -0.94 0.00	43.32 -0.97 0.00	49.74 -1.22 0.00	62.47 -1.34 0.00	86.24 -1.58 0.00	101.97 -1.76 0.00	89.29 -1.54 0.00	68.74 -1.26 0.00	64.57 -1.32 0.00	55.63 -1.08 0.00
FULTON___LFGE 323630	63.77 2.68 0.00	56.46 2.33 0.00	57.06 2.40 0.00	57.71 2.54 0.00	58.21 2.51 0.00	71.65 3.60 0.00	94.58 5.69 0.00	135.26 8.02 0.00	93.73 3.08 0.00	64.80 0.71 0.00	49.72 -0.35 0.00	45.55 -0.37 0.00	45.44 -0.32 0.00	43.53 -0.40 0.00	40.63 -0.41 0.00	44.16 -0.13 0.00	51.53 0.56 0.00	65.98 2.17 0.00	92.83 5.00 0.00	110.38 6.64 0.00	96.56 5.73 0.00	74.20 4.20 0.00	69.51 3.62 0.00	59.32 2.61 0.00
G.F.CEMENT___DRP 24184	62.30 1.22 0.00	55.27 1.14 0.00	55.92 1.26 0.00	56.50 1.32 0.00	56.87 1.17 0.00	69.82 1.77 0.00	92.00 3.11 0.00	131.95 4.71 0.00	93.28 2.63 0.00	65.44 1.35 0.00	50.52 0.45 0.00	46.29 0.37 0.00	46.17 0.41 0.00	44.28 0.35 0.00	41.29 0.25 0.00	44.91 0.62 0.00	52.14 1.17 0.00	66.06 2.17 -0.07	91.34 3.51 0.00	107.67 3.94 0.00	94.47 3.63 0.00	72.66 2.66 0.00	68.20 2.31 0.00	58.30 1.59 0.00
GARDENVILLE___LBMP 24039	57.97 -3.12 0.00	51.70 -2.44 0.00	52.20 -2.46 0.00	52.91 -2.26 0.00	53.25 -2.45 0.00	64.10 -3.95 0.00	82.66 -6.22 0.00	115.91 -11.32 0.00	81.31 -9.34 0.00	58.14 -5.96 0.00	46.52 -3.56 0.00	42.01 -3.90 0.00	41.41 -4.35 0.00	39.67 -4.26 0.00	37.19 -3.86 0.00	40.04 -4.25 0.00	45.21 -5.76 0.00	55.82 -7.72 0.27	77.86 -9.75 0.22	92.84 -10.89 0.00	80.94 -9.81 0.09	62.16 -7.84 0.01	58.71 -7.18 0.00	52.34 -4.37 0.00
GARDNVLA_35_KV_LD 355827	58.39 -2.69 0.00	52.03 -2.11 0.00	52.58 -2.08 0.00	53.30 -1.88 0.00	53.58 -2.12 0.00	64.58 -3.47 0.00	83.28 -5.60 0.00	116.68 -10.56 0.00	81.95 -8.70 0.00	58.65 -5.45 0.00	46.92 -3.15 0.00	42.38 -3.54 0.00	41.74 -4.03 0.00	39.98 -3.95 0.00	37.47 -3.57 0.00	40.22 -4.07 0.00	45.36 -5.61 0.00	56.00 -7.53 0.28	78.12 -9.48 0.22	93.25 -10.48 0.00	81.21 -9.54 0.09	62.36 -7.63 0.01	58.97 -6.92 0.00	52.57 -4.14 0.00
GELCKHM___115KV_LOAD 80723	60.47 -0.61 0.00	53.60 -0.54 0.00	54.12 -0.55 0.00	54.62 -0.55 0.00	55.20 -0.50 0.00	67.37 -0.68 0.00	88.08 -0.80 0.00	126.22 -1.02 0.00	89.65 -1.00 0.00	63.39 -0.71 0.00	49.57 -0.50 0.00	45.37 -0.55 0.00	45.21 -0.55 0.00	43.36 -0.57 0.00	40.47 -0.57 0.00	43.71 -0.58 0.00	50.15 -0.82 0.00	62.92 -0.89 0.00	86.77 -1.05 0.00	102.59 -1.14 0.00	89.84 -1.00 0.00	69.16 -0.84 0.00	64.97 -0.92 0.00	56.03 -0.68 0.00
GENERAL___MILLS 23808	58.21 -2.87 0.00	51.92 -2.22 0.00	52.42 -2.24 0.00	53.19 -1.99 0.00	53.47 -2.23 0.00	64.37 -3.67 0.00	83.02 -5.87 0.00	116.17 -11.07 0.00	81.58 -9.06 0.00	58.33 -5.77 0.00	46.67 -3.40 0.00	42.15 -3.77 0.00	41.55 -4.21 0.00	39.80 -4.13 0.00	37.31 -3.74 0.00	40.13 -4.16 0.00	45.31 -5.66 0.00	55.88 -7.66 0.28	78.03 -9.57 0.22	93.05 -10.68 0.00	81.02 -9.72 0.09	62.29 -7.70 0.01	58.84 -7.05 0.00	52.51 -4.20 0.00
GE_PLASTICS___DRP 24183	61.57 0.49 0.00	54.62 0.49 0.00	55.15 0.49 0.00	55.67 0.50 0.00	56.03 0.33 0.00	68.52 0.48 0.00	89.77 0.89 0.00	128.38 1.15 0.00	91.65 1.00 0.00	64.87 0.77 0.00	50.47 0.40 0.00	46.42 0.51 0.00	46.31 0.55 0.00	44.54 0.62 0.00	41.62 0.57 0.00	44.91 0.62 0.00	51.78 0.82 0.00	65.04 1.15 -0.08	89.23 1.41 0.00	104.98 1.24 0.00	92.20 1.36 0.00	71.12 1.12 0.00	67.08 1.19 0.00	57.50 0.79 0.00
GILBOA___1 23756	61.87 0.79 0.00	54.84 0.70 0.00	55.37 0.71 0.00	55.89 0.72 0.00	56.31 0.61 0.00	68.87 0.82 0.00	90.04 1.15 0.00	129.02 1.78 0.00	92.01 1.36 0.00	65.45 1.35 0.00	51.02 0.95 0.00	46.88 0.97 0.00	46.86 1.10 0.00	45.07 1.14 0.00	42.07 1.03 0.00	45.22 0.93 0.00	52.08 1.12 0.00	65.21 1.40 0.00	89.41 1.58 0.00	105.49 1.76 0.00	92.47 1.64 0.00	71.27 1.26 0.00	67.34 1.45 0.00	57.73 1.02 0.00
GILBOA___2 23757	61.87 0.79 0.00	54.84 0.70 0.00	55.37 0.71 0.00	55.89 0.72 0.00	56.31 0.61 0.00	68.87 0.82 0.00	90.04 1.15 0.00	129.02 1.78 0.00	92.01 1.36 0.00	65.45 1.35 0.00	51.02 0.95 0.00	46.88 0.97 0.00	46.86 1.10 0.00	45.07 1.14 0.00	42.07 1.03 0.00	45.22 0.93 0.00	52.08 1.12 0.00	65.21 1.40 0.00	89.41 1.58 0.00	105.49 1.76 0.00	92.47 1.64 0.00	71.27 1.26 0.00	67.34 1.45 0.00	57.73 1.02 0.00
GILBOA___3 23758	61.87 0.79 0.00	54.84 0.70 0.00	55.37 0.71 0.00	55.89 0.72 0.00	56.31 0.61 0.00	68.87 0.82 0.00	90.04 1.15 0.00	129.02 1.78 0.00	92.01 1.36 0.00	65.45 1.35 0.00	51.02 0.95 0.00	46.88 0.97 0.00	46.86 1.10 0.00	45.07 1.14 0.00	42.07 1.03 0.00	45.22 0.93 0.00	52.08 1.12 0.00	65.21 1.40 0.00	89.41 1.58 0.00	105.49 1.76 0.00	92.47 1.64 0.00	71.27 1.26 0.00	67.34 1.45 0.00	57.73 1.02 0.00
GILBOA___4 23759	61.87 0.79 0.00	54.84 0.70 0.00	55.37 0.71 0.00	55.89 0.72 0.00	56.31 0.61 0.00	68.87 0.82 0.00	90.04 1.15 0.00	129.02 1.78 0.00	92.01 1.36 0.00	65.45 1.35 0.00	51.02 0.95 0.00	46.88 0.97 0.00	46.86 1.10 0.00	45.07 1.14 0.00	42.07 1.03 0.00	45.22 0.93 0.00	52.08 1.12 0.00	65.21 1.40 0.00	89.41 1.58 0.00	105.49 1.76 0.00	92.47 1.64 0.00	71.27 1.26 0.00	67.34 1.45 0.00	57.73 1.02 0.00

GILBOA____ 23599	61.88 0.79 0.00	54.84 0.70 0.00	55.37 0.71 0.00	55.89 0.72 0.00	56.31 0.61 0.00	68.86 0.82 0.00	90.04 1.16 0.00	129.02 1.78 0.00	92.10 1.45 0.00	65.44 1.35 0.00	51.02 0.95 0.00	46.93 1.01 0.00	46.91 1.14 0.00	45.07 1.14 0.00	42.07 1.03 0.00	45.22 0.93 0.00	52.09 1.12 0.00	65.15 1.34 0.00	89.40 1.58 0.00	105.49 1.76 0.00	92.47 1.64 0.00	71.26 1.26 0.00	67.34 1.45 0.00	57.73 1.02 0.00
GINNA____ 23603	57.54 -3.54 0.00	51.05 -3.08 0.00	51.55 -3.11 0.00	52.14 -3.03 0.00	52.58 -3.12 0.00	64.10 -3.95 0.00	83.73 -5.16 0.00	119.99 -7.25 0.00	84.85 -5.80 0.00	60.06 -4.04 0.00	47.22 -2.85 0.00	42.93 -2.98 0.00	42.65 -3.11 0.00	40.81 -3.12 0.00	38.21 -2.83 0.00	41.19 -3.10 0.00	47.25 -3.72 0.00	59.51 -4.34 -0.04	81.89 -5.97 -0.04	96.78 -6.95 0.00	84.67 -6.18 -0.02	65.04 -4.97 0.00	61.15 -4.75 0.00	52.96 -3.74 0.00
GLEN PARK____ 23778	62.12 1.04 0.00	54.89 0.76 0.00	55.48 0.82 0.00	56.44 1.27 0.00	59.62 1.33 -2.58	74.60 2.31 -4.24	103.82 4.00 -10.93	161.53 5.34 -28.95	95.28 2.72 -1.91	64.42 0.32 0.00	49.47 -0.60 0.00	45.41 -0.50 0.00	44.94 -0.82 0.00	42.96 -0.97 0.00	40.55 -0.49 0.00	44.20 -0.09 0.00	51.07 0.10 0.00	64.58 0.77 0.00	90.46 2.63 4.25	107.99 4.25 3.18	94.01 3.18 2.38	72.39 2.38 1.25	67.14 1.25 0.57	57.28 0.57 0.00
GLENDALE_27_KV_LOAD 356172	63.95 2.87 0.00	56.46 2.33 0.00	56.96 2.30 0.00	57.38 2.21 0.00	57.87 2.17 0.00	70.77 2.72 0.00	93.60 4.71 0.00	135.00 7.76 0.00	96.81 6.16 0.00	68.84 4.74 0.00	53.78 3.71 0.00	49.64 3.72 0.00	49.42 3.66 0.00	47.44 3.51 0.00	44.08 3.04 0.00	47.44 3.14 0.00	54.74 3.77 0.00	68.71 4.47 -0.43	93.62 5.80 0.00	110.68 6.95 0.00	96.65 5.81 0.00	74.27 4.27 0.00	69.78 3.89 0.00	59.43 2.72 0.00
GLENWOOD_IC_1_G5 23712	64.21 3.12 -0.01	56.80 2.65 -0.01	57.18 2.51 0.00	57.60 2.43 0.00	58.15 2.45 0.00	70.77 2.72 0.00	93.15 4.27 0.00	132.96 5.73 0.00	96.36 5.71 0.00	68.90 4.81 0.00	53.79 3.71 -0.01	49.65 3.72 -0.01	49.48 3.71 -0.01	47.36 3.43 0.00	44.04 3.00 0.00	47.48 3.19 0.00	54.80 3.82 -0.01	68.72 4.47 -0.44	93.46 5.62 -0.01	110.37 6.64 0.00	96.29 5.45 0.00	88.84 4.34 -14.50	75.17 4.02 -5.26	59.62 2.89 -0.01
GLENWOOD_IC_2_G1 23688	63.71 2.62 0.00	56.41 2.27 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.70 2.65 0.00	92.89 4.00 0.00	133.47 6.23 0.00	95.63 4.98 0.00	68.46 4.36 0.00	53.38 3.30 0.00	49.23 3.31 0.00	49.06 3.30 0.00	47.05 3.12 0.00	43.75 2.71 0.00	47.17 2.88 0.00	54.43 3.47 0.00	68.58 4.34 -0.43	93.27 5.45 0.00	110.16 6.43 0.00	96.19 5.36 0.00	74.86 4.20 -0.66	75.04 3.89 -5.26	59.49 2.78 0.00
GLENWOOD_IC_3_G1 23689	63.71 2.62 0.00	56.41 2.27 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.70 2.65 0.00	92.89 4.00 0.00	133.47 6.23 0.00	95.63 4.98 0.00	68.46 4.36 0.00	53.38 3.30 0.00	49.23 3.31 0.00	49.06 3.30 0.00	47.05 3.12 0.00	43.75 2.71 0.00	47.17 2.88 0.00	54.43 3.47 0.00	68.58 4.34 -0.43	93.27 5.45 0.00	110.16 6.43 0.00	96.19 5.36 0.00	74.86 4.20 -0.66	75.04 3.89 -5.26	59.49 2.78 0.00
GLENWOOD___4 23550	64.21 3.12 -0.01	56.80 2.65 -0.01	57.18 2.51 0.00	57.60 2.43 0.00	58.15 2.45 0.00	70.91 2.86 0.00	93.42 4.53 0.00	133.35 6.11 0.00	96.36 5.71 0.00	68.90 4.81 0.00	53.79 3.71 -0.01	49.65 3.72 -0.01	49.48 3.71 -0.01	47.36 3.43 0.00	44.04 3.00 0.00	47.48 3.19 0.00	54.80 3.82 -0.01	68.85 4.59 -0.44	93.72 5.88 -0.01	110.58 6.85 0.00	96.47 5.63 0.00	88.98 4.48 -14.50	75.37 4.22 -5.26	59.73 3.01 -0.01
GLENWOOD___5 23614	64.21 3.12 -0.01	56.80 2.65 -0.01	57.18 2.51 0.00	57.60 2.43 0.00	58.15 2.45 0.00	70.91 2.86 0.00	93.42 4.53 0.00	133.35 6.11 0.00	96.36 5.71 0.00	68.90 4.81 0.00	53.79 3.71 -0.01	49.65 3.72 -0.01	49.48 3.71 -0.01	47.36 3.43 0.00	44.04 3.00 0.00	47.48 3.19 0.00	54.80 3.82 -0.01	68.85 4.59 -0.44	93.72 5.88 -0.01	110.58 6.85 0.00	96.47 5.63 0.00	88.98 4.48 -14.50	75.37 4.22 -5.26	59.73 3.01 -0.01
GLOBAL GREEN_PORT_GT1 23814	65.25 4.16 -0.01	57.66 3.52 0.00	57.83 3.17 0.00	58.15 2.98 0.00	58.99 3.29 0.00	72.27 4.22 0.00	93.24 4.35 0.00	131.95 4.71 0.00	94.63 3.98 0.00	69.35 5.26 0.00	54.94 4.86 -0.01	50.47 4.55 -0.01	50.12 4.35 -0.01	47.71 3.78 0.00	44.25 3.20 0.00	47.96 3.67 0.00	55.97 5.00 -0.01	70.89 6.64 -0.44	96.00 8.17 -0.01	112.54 8.81 0.00	97.83 6.99 0.00	86.97 7.14 -9.82	78.07 6.92 -5.26	62.11 5.39 -0.01
GLOBE___DSASP 323697	56.44 -4.64 0.00	50.29 -3.84 0.00	50.78 -3.88 0.00	51.47 -3.70 0.00	51.80 -3.90 0.00	61.97 -6.06 0.02	79.53 -9.33 0.02	111.82 -15.40 0.02	78.75 -11.87 0.02	56.39 -7.69 0.02	45.24 -4.81 0.02	40.80 -5.10 0.02	40.30 -5.45 0.02	38.59 -5.32 0.02	36.22 -4.80 0.02	38.96 -5.31 0.02	44.01 -6.93 0.02	54.64 -8.87 0.30	75.55 -12.03 0.24	89.91 -13.80 0.02	78.37 -12.35 0.11	60.31 -9.66 0.03	57.17 -8.70 0.02	50.85 -5.84 0.02
GOETHSLN___LBMP 323567	63.22 2.14 0.00	55.87 1.73 0.00	56.36 1.69 0.00	56.83 1.66 0.00	57.26 1.56 0.00	70.16 2.11 0.00	92.80 3.91 0.00	133.86 6.62 0.00	95.82 5.17 0.00	68.20 4.10 0.00	53.23 3.15 0.00	49.13 3.21 0.00	48.97 3.20 0.00	46.96 3.03 0.00	43.71 2.67 0.00	46.99 2.70 0.00	54.12 3.16 0.01	62.22 3.83 5.42	88.47 4.92 4.28	109.53 5.81 0.01	95.73 4.91 0.01	73.64 3.64 0.01	67.48 3.23 1.64	58.80 2.10 0.01
GOLAH___69_KV_TB 1_2 80279	59.56 -1.53 0.00	52.84 -1.30 0.00	53.35 -1.31 0.00	54.01 -1.16 0.00	54.48 -1.23 0.00	66.28 -1.77 0.00	86.22 -2.67 0.00	122.79 -4.45 0.00	86.57 -4.08 0.00	61.28 -2.82 0.00	48.37 -1.70 0.00	43.90 -2.02 0.00	43.52 -2.24 0.00	41.65 -2.28 0.00	38.99 -2.05 0.00	41.99 -2.30 0.00	47.86 -3.11 0.00	60.49 -3.38 -0.06	83.40 -4.48 -0.06	98.75 -4.98 0.00	86.50 -4.36 -0.02	66.37 -3.64 0.00	62.53 -3.36 0.00	54.67 -2.04 0.00
GOODYEAR_LAKE_HYD 323669	62.73 1.65 0.00	55.54 1.41 0.00	56.14 1.48 0.00	56.77 1.60 0.00	57.26 1.56 0.00	70.16 2.11 0.00	92.26 3.38 0.00	132.33 5.09 0.00	93.64 2.99 0.00	65.96 1.86 0.00	51.22 1.15 0.00	47.07 1.15 0.00	46.81 1.05 0.00	44.85 0.92 0.00	41.99 0.94 0.00	45.35 1.06 0.00	52.29 1.33 0.00	65.54 1.85 0.12	90.90 3.07 0.00	107.57 3.84 0.00	94.02 3.18 0.00	72.31 2.31 0.00	67.93 2.04 0.00	58.30 1.59 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	61.27 0.18 0.00	54.35 0.22 0.00	54.88 0.22 0.00	55.45 0.28 0.00	56.03 0.33 0.00	68.25 0.20 0.00	89.24 0.36 0.00	127.24 0.00 0.00	90.10 -0.54 0.00	63.84 -0.26 0.00	50.02 -0.05 0.00	45.69 -0.23 0.00	45.44 -0.32 0.00	43.58 -0.35 0.00	40.72 -0.33 0.00	44.02 -0.27 0.00	50.40 -0.56 0.00	62.95 -0.70 0.16	87.35 -0.44 0.04	103.52 -0.21 0.00	90.55 -0.27 0.02	69.58 -0.42 0.00	65.43 -0.46 0.00	56.65 -0.06 0.00





GOWANUS_GT4_5 24134	63.89 2.81 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.27 2.10 0.00	57.76 2.06 0.00	70.56 2.52 0.00	93.33 4.44 0.00	134.62 7.38 0.00	96.54 5.89 0.00	68.65 4.55 0.00	53.53 3.45 0.00	49.45 3.54 0.00	49.24 3.48 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.26 4.02 -0.43	93.01 5.18 0.00	110.06 6.33 0.00	96.20 5.36 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.15 2.44 0.00
GOWANUS_GT4_6 24135	63.89 2.81 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.27 2.10 0.00	57.76 2.06 0.00	70.56 2.52 0.00	93.33 4.44 0.00	134.62 7.38 0.00	96.54 5.89 0.00	68.65 4.55 0.00	53.53 3.45 0.00	49.45 3.54 0.00	49.24 3.48 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.26 4.02 -0.43	93.01 5.18 0.00	110.06 6.33 0.00	96.20 5.36 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.15 2.44 0.00
GOWANUS_GT4_7 24136	63.89 2.81 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.27 2.10 0.00	57.76 2.06 0.00	70.56 2.52 0.00	93.33 4.44 0.00	134.62 7.38 0.00	96.54 5.89 0.00	68.65 4.55 0.00	53.53 3.45 0.00	49.45 3.54 0.00	49.24 3.48 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.26 4.02 -0.43	93.01 5.18 0.00	110.06 6.33 0.00	96.20 5.36 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.15 2.44 0.00
GOWANUS_GT4_8 24137	63.89 2.81 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.27 2.10 0.00	57.76 2.06 0.00	70.56 2.52 0.00	93.33 4.44 0.00	134.62 7.38 0.00	96.54 5.89 0.00	68.65 4.55 0.00	53.53 3.45 0.00	49.45 3.54 0.00	49.24 3.48 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.26 4.02 -0.43	93.01 5.18 0.00	110.06 6.33 0.00	96.20 5.36 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.15 2.44 0.00
GREATVRV_69_KV_BK1 356245	65.67 4.58 -0.01	58.10 3.95 -0.01	58.32 3.66 0.00	58.70 3.53 0.00	59.38 3.68 0.00	72.74 4.70 0.00	95.64 6.76 0.00	133.98 6.74 0.00	97.45 6.80 0.00	70.12 6.03 0.00	54.94 4.86 -0.01	50.61 4.68 -0.01	50.39 4.62 -0.01	48.01 4.09 0.00	44.53 3.49 0.00	48.19 3.90 0.00	55.92 4.94 -0.01	70.89 6.64 -0.44	96.26 8.43 -0.01	113.38 9.65 0.00	98.65 7.81 0.00	87.15 7.14 -10.01	77.81 6.66 -5.26	61.82 5.10 -0.01
GREENBSH_115KV_TB3 55895	61.27 0.18 0.00	54.46 0.32 0.00	54.94 0.27 0.00	55.45 0.28 0.00	55.76 0.06 0.00	68.18 0.14 0.00	89.42 0.53 0.00	127.62 0.38 0.00	91.37 0.73 0.00	64.61 0.51 0.00	50.17 0.10 0.00	46.19 0.28 0.00	46.08 0.32 0.00	44.37 0.44 0.00	41.45 0.41 0.00	44.78 0.49 0.00	51.63 0.66 0.00	64.92 1.02 -0.08	88.97 1.14 0.00	104.56 0.83 0.00	91.84 1.00 0.00	70.91 0.91 0.00	66.88 0.99 0.00	57.39 0.68 0.00
GREENDGE_115KV_TB5 80291	60.23 -0.86 0.00	53.76 -0.38 0.00	54.33 -0.33 0.00	55.01 -0.17 0.00	55.64 -0.06 0.00	66.82 -1.22 0.00	87.46 -1.42 0.00	124.95 -2.29 0.00	87.57 -3.08 0.00	62.62 -1.47 0.00	49.32 -0.75 0.00	44.82 -1.10 0.00	44.48 -1.28 0.00	42.57 -1.36 0.00	39.77 -1.27 0.00	42.92 -1.37 0.00	49.03 -1.94 0.00	61.15 -2.55 0.11	84.54 -3.25 0.04	100.41 -3.32 0.00	87.82 -3.00 0.01	67.76 -2.24 0.00	63.85 -2.04 0.00	55.58 -1.13 0.00
GREENIDGE___3 23582	60.23 -0.86 0.00	53.76 -0.38 0.00	54.33 -0.33 0.00	55.01 -0.17 0.00	55.64 -0.06 0.00	66.82 -1.22 0.00	87.46 -1.42 0.00	124.95 -2.29 0.00	87.57 -3.08 0.00	62.62 -1.47 0.00	49.32 -0.75 0.00	44.82 -1.10 0.00	44.48 -1.28 0.00	42.57 -1.36 0.00	39.77 -1.27 0.00	42.92 -1.37 0.00	49.03 -1.94 0.00	61.15 -2.55 0.11	84.54 -3.25 0.04	100.41 -3.32 0.00	87.82 -3.00 0.01	67.76 -2.24 0.00	63.85 -2.04 0.00	55.58 -1.13 0.00
GREENIDGE___4 23583	60.35 -0.73 0.00	53.87 -0.27 0.00	54.44 -0.22 0.00	55.06 -0.11 0.00	55.81 0.11 0.00	67.43 -0.61 0.00	87.55 -1.33 0.00	124.95 -2.29 0.00	87.66 -2.99 0.00	62.69 -1.41 0.00	49.32 -0.75 0.00	44.82 -1.10 0.00	44.43 -1.33 0.00	42.57 -1.36 0.00	39.77 -1.27 0.00	42.92 -1.37 0.00	49.03 -1.94 0.00	61.34 -2.36 0.11	84.54 -3.25 0.04	100.41 -3.32 0.00	87.83 -3.00 0.01	67.76 -2.24 0.00	63.85 -2.04 0.00	55.63 -1.08 0.00
GREENLWN_69_KV_BK 3 55738	64.45 3.36 -0.01	57.07 2.92 -0.01	57.34 2.68 0.00	57.71 2.54 0.00	58.32 2.62 0.00	71.45 3.40 0.00	93.86 4.98 0.00	131.95 4.71 0.00	95.91 5.26 0.00	69.10 5.00 0.00	53.99 3.91 -0.01	49.78 3.86 -0.01	49.62 3.84 -0.01	47.36 3.43 0.00	43.96 2.91 0.00	47.57 3.28 0.00	54.95 3.98 -0.01	69.48 5.23 -0.44	94.16 6.32 -0.01	110.99 7.26 0.00	96.65 5.81 0.00	85.29 5.32 -9.96	76.16 5.01 -5.26	60.46 3.74 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	63.89 2.81 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.27 2.10 0.00	57.76 2.06 0.00	70.56 2.52 0.00	93.33 4.44 0.00	134.62 7.38 0.00	96.54 5.89 0.00	68.65 4.55 0.00	53.53 3.45 0.00	49.45 3.54 0.00	49.24 3.48 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.26 4.02 -0.43	93.01 5.18 0.00	110.06 6.33 0.00	96.20 5.36 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.15 2.44 0.00
GRISSOM___SOLAR 323813	63.71 2.62 0.00	56.41 2.27 0.00	57.01 2.35 0.00	57.66 2.48 0.00	58.15 2.45 0.00	71.52 3.47 0.00	94.31 5.42 0.00	134.87 7.63 0.00	93.55 2.90 0.00	64.67 0.58 0.00	49.62 -0.45 0.00	45.46 -0.46 0.00	45.39 -0.37 0.00	43.49 -0.44 0.00	40.55 -0.49 0.00	44.03 -0.26 0.00	51.42 0.46 0.00	65.96 2.10 -0.05	92.65 4.83 0.00	110.06 6.33 0.00	96.38 5.54 0.00	74.06 4.06 0.00	69.45 3.56 0.00	59.32 2.61 0.00
GROVEVILLE___HYD 323602	63.71 2.63 0.00	56.41 2.27 0.00	57.01 2.35 0.00	57.49 2.32 0.00	57.93 2.23 0.00	71.11 3.06 0.00	93.77 4.89 0.00	135.00 7.76 0.00	96.36 5.71 0.00	68.14 4.04 0.00	52.93 2.85 0.00	48.86 2.94 0.00	48.65 2.88 0.00	46.65 2.72 0.00	43.47 2.42 0.00	46.81 2.52 0.00	54.18 3.21 0.00	68.10 4.15 -0.14	93.44 5.62 0.00	110.27 6.54 0.00	96.65 5.81 0.00	74.27 4.27 0.00	69.91 4.02 0.00	59.49 2.78 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	60.96 -0.12 0.00	54.03 -0.11 0.00	54.55 -0.11 0.00	55.06 -0.11 0.00	55.64 -0.06 0.00	67.91 -0.14 0.00	88.88 0.00 0.00	127.37 0.13 0.00	90.38 -0.27 0.00	63.91 -0.19 0.00	49.92 -0.15 0.00	45.69 -0.23 0.00	45.53 -0.23 0.00	43.62 -0.31 0.00	40.76 -0.29 0.00	43.98 -0.31 0.00	50.46 -0.51 0.00	63.30 -0.51 0.00	87.47 -0.35 0.00	103.42 -0.31 0.00	90.56 -0.27 0.00	69.65 -0.35 0.00	65.50 -0.40 0.00	56.48 -0.23 0.00
HAMLTNNY_34_KV_TB 80303	61.02 -0.06 0.00	54.08 -0.05 0.00	54.66 0.00 0.00	55.17 0.00 0.00	55.76 0.06 0.00	68.05 0.00 0.00	89.06 0.18 0.00	127.62 0.38 0.00	90.47 -0.18 0.00	63.97 -0.13 0.00	50.02 -0.05 0.00	45.69 -0.23 0.00	45.53 -0.23 0.00	43.62 -0.31 0.00	40.76 -0.29 0.00	43.94 -0.35 0.00	50.40 -0.56 0.00	63.30 -0.51 0.00	87.47 -0.35 0.00	103.52 -0.21 0.00	90.66 -0.18 0.00	69.72 -0.28 0.00	65.50 -0.40 0.00	56.54 -0.17 0.00

HAMPSHIRE___PAPER_HYD 323593	60.41 -0.67 0.00	53.38 -0.76 0.00	53.84 -0.82 0.00	54.57 -0.61 0.00	61.15 -0.56 -6.00	77.71 -0.20 -9.87	114.41 0.09 -25.44	193.84 -0.13 -66.72	94.43 -0.63 -4.41	62.56 -1.54 0.00	48.62 -1.45 0.00	44.77 -1.15 0.00	44.53 -1.23 0.00	42.61 -1.32 0.00	40.02 -1.02 0.00	43.40 -0.89 0.00	49.95 -1.02 0.00	62.47 -1.34 0.00	86.59 -1.23 0.00	103.11 -0.62 0.00	89.65 -1.18 0.00	69.73 -0.28 0.00	65.10 -0.79 0.00	55.69 -1.02 0.00
HARDSCRABBLE_WT_PWR 323673	61.63 0.55 0.00	54.57 0.43 0.00	55.15 0.49 0.00	55.67 0.50 0.00	56.50 0.56 -0.24	69.32 0.88 -0.39	91.41 1.51 -1.01	132.36 2.41 -2.71	92.55 1.72 -0.18	65.31 1.21 0.00	50.87 0.80 0.00	46.70 0.78 0.00	46.49 0.73 0.00	44.63 0.70 0.00	41.74 0.70 0.00	45.09 0.80 0.00	51.93 0.97 0.00	65.09 1.28 0.00	89.67 1.85 0.00	105.70 1.97 0.00	92.29 1.45 0.00	70.85 0.84 0.00	66.42 0.52 0.00	57.11 0.40 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	62.79 1.71 0.00	55.60 1.46 0.00	56.14 1.48 0.00	56.61 1.43 0.00	57.09 1.39 0.00	69.95 1.91 0.00	92.35 3.47 0.00	133.09 5.85 0.00	95.00 4.35 0.00	67.43 3.33 0.00	52.47 2.40 0.00	48.44 2.53 0.00	48.28 2.52 0.00	46.30 2.37 0.00	43.18 2.13 0.00	46.42 2.13 0.00	53.56 2.60 0.00	66.12 3.32 1.00	92.21 4.39 0.00	109.12 5.39 0.00	95.38 4.54 0.00	73.36 3.36 0.00	68.99 3.10 0.00	58.64 1.93 0.00
HARSNRAD_115KV_TB1 81005	56.32 -4.76 0.00	50.18 -3.95 0.00	50.67 -3.99 0.00	51.36 -3.81 0.00	51.58 -4.12 0.00	62.06 -5.99 0.00	79.73 -9.16 0.00	111.97 -15.27 0.00	78.77 -11.87 0.00	56.34 -7.76 0.00	45.21 -4.86 0.00	40.78 -5.14 0.00	40.23 -5.54 0.00	38.48 -5.45 0.00	36.12 -4.93 0.00	38.89 -5.40 0.00	43.93 -7.03 0.00	54.58 -8.74 0.49	75.44 -11.94 0.44	89.93 -13.80 0.00	78.45 -12.26 0.13	60.33 -9.66 0.01	57.13 -8.76 0.00	51.21 -5.50 0.00
HARZA MOOSE___RIVER 24016	61.63 0.55 0.00	54.57 0.43 0.00	55.10 0.44 0.00	55.83 0.66 0.00	58.23 0.78 -1.75	72.35 1.43 -2.87	98.86 2.58 -7.40	151.14 3.56 -20.34	93.99 1.99 -1.34	64.74 0.64 0.00	50.17 0.10 0.00	46.01 0.09 0.00	45.72 -0.05 0.00	43.80 -0.13 0.00	41.13 0.08 0.00	44.69 0.40 0.00	51.47 0.51 0.00	64.77 0.96 0.00	89.76 1.93 0.00	106.43 2.70 0.00	92.74 1.91 0.00	71.47 1.47 0.00	66.62 0.72 0.00	56.88 0.17 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	60.53 -0.55 0.00	53.60 -0.54 0.00	54.17 -0.49 0.00	54.67 -0.50 0.00	55.45 -0.45 -0.20	67.76 -0.61 -0.32	89.00 -0.71 -0.83	126.48 -0.76 0.00	89.74 -0.91 0.00	63.46 -0.64 0.00	49.72 -0.35 0.00	45.46 -0.46 0.00	45.30 -0.46 0.00	43.45 -0.48 0.00	40.55 -0.49 0.00	43.76 -0.53 0.00	50.20 -0.76 0.00	62.98 -0.83 0.00	86.86 -0.97 0.00	102.69 -1.04 0.00	89.93 -0.91 0.00	69.16 -0.84 0.00	65.04 -0.86 0.00	56.09 -0.62 0.00
HELLGATE_13_KV_LD 55870	64.01 2.93 0.00	56.52 2.38 0.00	57.01 2.35 0.00	57.43 2.26 0.00	57.93 2.23 0.00	70.77 2.72 0.00	93.51 4.62 0.00	135.00 7.76 0.00	96.81 6.16 0.00	68.90 4.81 0.00	53.78 3.71 0.00	49.68 3.77 0.00	49.47 3.71 0.00	47.44 3.51 0.00	44.12 3.08 0.00	47.44 3.14 0.00	54.79 3.82 0.00	68.71 4.47 -0.43	93.62 5.80 0.00	110.68 6.95 0.00	96.56 5.72 0.00	74.27 4.27 0.00	69.78 3.89 0.00	59.49 2.78 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	64.01 2.93 0.00	56.52 2.38 0.00	57.01 2.35 0.00	57.43 2.26 0.00	57.93 2.23 0.00	70.77 2.72 0.00	93.51 4.62 0.00	135.00 7.76 0.00	96.81 6.16 0.00	68.90 4.81 0.00	53.78 3.71 0.00	49.68 3.77 0.00	49.47 3.71 0.00	47.44 3.51 0.00	44.12 3.08 0.00	47.44 3.14 0.00	54.79 3.82 0.00	68.71 4.47 -0.43	93.62 5.80 0.00	110.68 6.95 0.00	96.56 5.72 0.00	74.27 4.27 0.00	69.78 3.89 0.00	59.49 2.78 0.00
HEMPSTEAD___ 23647	64.39 3.30 -0.01	56.96 2.81 -0.01	57.34 2.68 0.00	57.66 2.48 0.00	58.32 2.62 0.00	71.25 3.20 0.00	93.24 4.35 0.00	133.09 5.86 0.00	95.72 5.07 0.00	69.03 4.94 0.00	53.94 3.86 -0.01	49.70 3.77 -0.01	49.53 3.75 -0.01	47.40 3.47 0.00	44.04 2.99 0.00	47.57 3.28 0.00	54.90 3.92 -0.01	69.17 4.91 -0.44	93.98 6.15 -0.01	110.99 7.26 0.00	96.66 5.82 0.00	88.00 4.90 -13.10	75.76 4.61 -5.26	60.18 3.46 -0.01
HICKLING___1 23621	60.59 -0.49 0.00	53.92 -0.22 0.00	54.50 -0.16 0.00	55.12 -0.06 0.00	55.76 0.06 0.00	67.43 -0.61 0.00	88.00 -0.89 0.00	125.20 -2.04 0.00	88.29 -2.36 0.00	62.69 -1.41 0.00	49.42 -0.65 0.00	44.91 -1.01 0.00	44.53 -1.24 0.00	42.66 -1.27 0.00	39.85 -1.19 0.00	42.70 -1.59 0.00	48.57 -2.40 0.00	60.46 -3.19 0.16	84.50 -3.25 0.07	100.62 -3.11 0.00	87.90 -2.91 0.03	67.41 -2.59 0.00	63.32 -2.57 0.00	55.46 -1.25 0.00
HICKLING___2 23622	60.59 -0.49 0.00	53.92 -0.22 0.00	54.50 -0.16 0.00	55.12 -0.06 0.00	55.76 0.06 0.00	67.43 -0.61 0.00	88.00 -0.89 0.00	125.20 -2.04 0.00	88.29 -2.36 0.00	62.69 -1.41 0.00	49.42 -0.65 0.00	44.91 -1.01 0.00	44.53 -1.24 0.00	42.66 -1.27 0.00	39.85 -1.19 0.00	42.70 -1.59 0.00	48.57 -2.40 0.00	60.46 -3.19 0.16	84.50 -3.25 0.07	100.62 -3.11 0.00	87.90 -2.91 0.03	67.41 -2.59 0.00	63.32 -2.57 0.00	55.46 -1.25 0.00
HIGH FALLS___HY 23754	63.28 2.20 0.00	56.09 1.95 0.00	56.68 2.02 0.00	57.16 1.99 0.00	57.65 1.95 0.00	70.77 2.72 0.00	93.51 4.62 0.00	134.62 7.38 0.00	96.00 5.35 0.00	67.82 3.72 0.00	52.68 2.60 0.00	48.63 2.71 0.00	48.42 2.65 0.00	46.43 2.50 0.00	43.30 2.26 0.00	46.59 2.30 0.00	53.87 2.90 0.00	67.36 3.76 0.22	93.01 5.18 0.00	110.16 6.43 0.00	96.38 5.54 0.00	74.06 4.06 0.00	69.58 3.69 0.00	59.15 2.44 0.00
HIGH_RIVER___SOLAR 323847	62.67 1.59 0.00	55.54 1.41 0.00	56.14 1.48 0.00	56.66 1.49 0.00	57.15 1.45 0.00	70.09 2.04 0.00	91.99 3.11 0.00	131.57 4.33 0.00	92.37 1.72 0.00	64.48 0.39 0.00	49.72 -0.35 0.00	45.60 -0.32 0.00	45.44 -0.32 0.00	43.67 -0.26 0.00	40.76 -0.29 0.00	44.29 0.00 0.00	51.53 0.56 0.00	65.40 1.53 -0.06	90.90 3.07 0.00	107.57 3.84 0.00	94.29 3.45 0.00	72.60 2.59 0.00	68.20 2.31 0.00	58.41 1.70 0.00
HILLBURN___GT 23639	62.67 1.59 0.00	55.54 1.41 0.00	56.03 1.37 0.00	56.49 1.32 0.00	56.98 1.28 0.00	69.75 1.70 0.00	91.99 3.11 0.00	132.83 5.59 0.00	94.82 4.17 0.00	67.43 3.33 0.00	52.57 2.50 0.00	48.53 2.62 0.00	48.32 2.56 0.00	46.43 2.50 0.00	43.26 2.21 0.00	46.50 2.21 0.00	53.61 2.65 0.00	66.07 3.32 1.06	92.04 4.22 0.00	108.81 5.08 0.00	95.20 4.36 0.00	73.30 3.29 0.00	68.86 2.97 0.00	58.64 1.93 0.00
HILLSIDE_115KV_TB1 80332	59.80 -1.28 0.00	53.22 -0.92 0.00	53.73 -0.93 0.00	54.34 -0.83 0.00	54.98 -0.72 0.00	66.48 -1.57 0.00	86.75 -2.13 0.00	123.42 -3.82 0.00	87.29 -3.35 0.00	62.11 -1.99 0.00	48.97 -1.10 0.00	44.54 -1.38 0.00	44.21 -1.56 0.00	42.35 -1.58 0.00	39.61 -1.44 0.00	42.34 -1.95 0.00	48.21 -2.75 0.00	59.89 -3.76 0.16	83.54 -4.22 0.07	99.48 -4.25 0.00	86.90 -3.91 0.03	66.78 -3.22 0.00	62.73 -3.16 0.00	54.89 -1.81 0.00

HISHELDN_WT_PWR 323625	58.33 -2.75 0.00	52.08 -2.06 0.00	52.70 -1.97 0.00	53.30 -1.88 0.00	53.86 -1.84 0.00	64.65 -3.40 0.00	83.55 -5.33 0.00	117.44 -9.79 0.00	82.49 -8.16 0.00	58.71 -5.38 0.00	46.72 -3.35 0.00	42.20 -3.72 0.00	41.64 -4.12 0.00	39.89 -4.04 0.00	37.35 -3.69 0.00	40.17 -4.12 0.00	45.51 -5.45 0.00	56.54 -7.02 0.25	78.85 -8.78 0.19	93.98 -9.75 0.00	81.95 -8.81 0.08	62.86 -7.14 0.01	59.24 -6.65 0.00	52.46 -4.25 0.00
HOLTSVILLE_IC_1 23690	64.94 3.85 -0.01	57.39 3.25 -0.01	57.61 2.95 0.00	57.93 2.76 0.00	58.71 3.01 0.00	71.86 3.81 0.00	93.33 4.44 0.00	131.95 4.71 0.00	95.18 4.53 0.00	69.29 5.19 0.00	54.39 4.31 -0.01	50.06 4.13 -0.01	49.80 4.03 -0.01	47.49 3.56 0.00	44.04 2.99 0.00	47.65 3.36 0.00	55.26 4.28 -0.01	69.99 5.75 -0.44	94.77 6.94 -0.01	111.51 7.78 0.00	97.10 6.26 0.00	85.90 6.09 -9.81	77.02 5.86 -5.26	61.20 4.48 -0.01
HOLTSVILLE_IC_10 23699	65.25 4.16 -0.01	57.66 3.52 -0.01	57.89 3.22 0.00	58.20 3.03 0.00	58.93 3.23 0.00	72.20 4.15 0.00	93.68 4.80 0.00	132.46 5.22 0.00	95.45 4.80 0.00	69.61 5.51 0.00	54.64 4.56 -0.01	50.29 4.36 -0.01	50.03 4.26 -0.01	47.66 3.73 0.00	44.16 3.12 0.00	47.88 3.59 0.00	55.56 4.59 -0.01	70.38 6.13 -0.44	95.29 7.46 -0.01	112.13 8.40 0.00	97.65 6.82 0.00	86.44 6.58 -9.86	77.42 6.26 -5.26	61.54 4.82 -0.01
HOLTSVILLE_IC_2 23691	64.94 3.85 -0.01	57.39 3.25 -0.01	57.61 2.95 0.00	57.93 2.76 0.00	58.71 3.01 0.00	71.86 3.81 0.00	93.33 4.44 0.00	131.95 4.71 0.00	95.18 4.53 0.00	69.29 5.19 0.00	54.39 4.31 -0.01	50.06 4.13 -0.01	49.80 4.03 -0.01	47.49 3.56 0.00	44.04 2.99 0.00	47.65 3.36 0.00	55.26 4.28 -0.01	69.99 5.75 -0.44	94.77 6.94 -0.01	111.51 7.78 0.00	97.10 6.26 0.00	85.90 6.09 -9.81	77.02 5.86 -5.26	61.20 4.48 -0.01
HOLTSVILLE_IC_3 23692	64.94 3.85 -0.01	57.39 3.25 -0.01	57.61 2.95 0.00	57.93 2.76 0.00	58.71 3.01 0.00	71.86 3.81 0.00	93.33 4.44 0.00	131.95 4.71 0.00	95.18 4.53 0.00	69.29 5.19 0.00	54.39 4.31 -0.01	50.06 4.13 -0.01	49.80 4.03 -0.01	47.49 3.56 0.00	44.04 2.99 0.00	47.65 3.36 0.00	55.26 4.28 -0.01	69.99 5.75 -0.44	94.77 6.94 -0.01	111.51 7.78 0.00	97.10 6.26 0.00	85.90 6.09 -9.81	77.02 5.86 -5.26	61.20 4.48 -0.01
HOLTSVILLE_IC_4 23693	64.94 3.85 -0.01	57.39 3.25 -0.01	57.61 2.95 0.00	57.93 2.76 0.00	58.71 3.01 0.00	71.86 3.81 0.00	93.33 4.44 0.00	131.95 4.71 0.00	95.18 4.53 0.00	69.29 5.19 0.00	54.39 4.31 -0.01	50.06 4.13 -0.01	49.80 4.03 -0.01	47.49 3.56 0.00	44.04 2.99 0.00	47.65 3.36 0.00	55.26 4.28 -0.01	69.99 5.75 -0.44	94.77 6.94 -0.01	111.51 7.78 0.00	97.10 6.26 0.00	85.90 6.09 -9.81	77.02 5.86 -5.26	61.20 4.48 -0.01
HOLTSVILLE_IC_5 23694	64.94 3.85 -0.01	57.39 3.25 -0.01	57.61 2.95 0.00	57.93 2.76 0.00	58.71 3.01 0.00	71.86 3.81 0.00	93.33 4.44 0.00	131.95 4.71 0.00	95.18 4.53 0.00	69.29 5.19 0.00	54.39 4.31 -0.01	50.06 4.13 -0.01	49.80 4.03 -0.01	47.49 3.56 0.00	44.04 2.99 0.00	47.65 3.36 0.00	55.26 4.28 -0.01	69.99 5.75 -0.44	94.77 6.94 -0.01	111.51 7.78 0.00	97.10 6.26 0.00	85.90 6.09 -9.81	77.02 5.86 -5.26	61.20 4.48 -0.01
HOLTSVILLE_IC_6 23695	65.25 4.16 -0.01	57.66 3.52 -0.01	57.89 3.22 0.00	58.20 3.03 0.00	58.93 3.23 0.00	72.20 4.15 0.00	93.68 4.80 0.00	132.46 5.22 0.00	95.45 4.80 0.00	69.61 5.51 0.00	54.64 4.56 -0.01	50.29 4.36 -0.01	50.03 4.26 -0.01	47.66 3.73 0.00	44.16 3.12 0.00	47.88 3.59 0.00	55.56 4.59 -0.01	70.38 6.13 -0.44	95.29 7.46 -0.01	112.13 8.40 0.00	97.65 6.82 0.00	86.44 6.58 -9.86	77.42 6.26 -5.26	61.54 4.82 -0.01
HOLTSVILLE_IC_7 23696	65.25 4.16 -0.01	57.66 3.52 -0.01	57.89 3.22 0.00	58.20 3.03 0.00	58.93 3.23 0.00	72.20 4.15 0.00	93.68 4.80 0.00	132.46 5.22 0.00	95.45 4.80 0.00	69.61 5.51 0.00	54.64 4.56 -0.01	50.29 4.36 -0.01	50.03 4.26 -0.01	47.66 3.73 0.00	44.16 3.12 0.00	47.88 3.59 0.00	55.56 4.59 -0.01	70.38 6.13 -0.44	95.29 7.46 -0.01	112.13 8.40 0.00	97.65 6.82 0.00	86.44 6.58 -9.86	77.42 6.26 -5.26	61.54 4.82 -0.01
HOLTSVILLE_IC_8 23697	65.25 4.16 -0.01	57.66 3.52 -0.01	57.89 3.22 0.00	58.20 3.03 0.00	58.93 3.23 0.00	72.20 4.15 0.00	93.68 4.80 0.00	132.46 5.22 0.00	95.45 4.80 0.00	69.61 5.51 0.00	54.64 4.56 -0.01	50.29 4.36 -0.01	50.03 4.26 -0.01	47.66 3.73 0.00	44.16 3.12 0.00	47.88 3.59 0.00	55.56 4.59 -0.01	70.38 6.13 -0.44	95.29 7.46 -0.01	112.13 8.40 0.00	97.65 6.82 0.00	86.44 6.58 -9.86	77.42 6.26 -5.26	61.54 4.82 -0.01
HOLTSVILLE_IC_9 23698	65.25 4.16 -0.01	57.66 3.52 -0.01	57.89 3.22 0.00	58.20 3.03 0.00	58.93 3.23 0.00	72.20 4.15 0.00	93.68 4.80 0.00	132.46 5.22 0.00	95.45 4.80 0.00	69.61 5.51 0.00	54.64 4.56 -0.01	50.29 4.36 -0.01	50.03 4.26 -0.01	47.66 3.73 0.00	44.16 3.12 0.00	47.88 3.59 0.00	55.56 4.59 -0.01	70.38 6.13 -0.44	95.29 7.46 -0.01	112.13 8.40 0.00	97.65 6.82 0.00	86.44 6.58 -9.86	77.42 6.26 -5.26	61.54 4.82 -0.01
HOMER_HL_115KV_TB2 355744	59.68 -1.40 0.00	53.27 -0.87 0.00	53.79 -0.87 0.00	54.51 -0.66 0.00	54.98 -0.72 0.00	66.21 -1.84 0.00	86.13 -2.76 0.00	119.86 -7.38 0.00	83.58 -7.07 0.00	59.74 -4.36 0.00	47.57 -2.50 0.00	43.03 -2.89 0.00	42.47 -3.29 0.00	40.63 -3.29 0.00	38.05 -3.00 0.00	40.88 -3.41 0.00	46.23 -4.74 0.00	55.96 -7.59 0.26	79.73 -7.90 0.19	95.74 -7.99 0.00	83.49 -7.27 0.08	64.05 -5.95 0.01	60.23 -5.67 0.00	53.99 -2.72 0.00
HOWARD_WT_PWR 323690	59.74 -1.34 0.00	53.38 -0.76 0.00	54.17 -0.49 0.00	54.90 -0.27 0.00	55.81 0.11 0.00	67.43 -0.61 0.00	87.82 -1.06 0.00	124.32 -2.92 0.00	87.02 -3.63 0.00	61.60 -2.50 0.00	48.62 -1.45 0.00	43.94 -1.97 0.00	43.43 -2.33 0.00	41.64 -2.29 0.00	38.87 -2.18 0.00	41.77 -2.52 0.00	47.35 -3.62 0.00	59.19 -4.47 0.15	82.83 -4.92 0.07	98.65 -5.08 0.00	86.18 -4.63 0.03	65.80 -4.20 0.00	61.67 -4.22 0.00	54.16 -2.55 0.00
HQ_GEN_CEDARS 23644	61.14 0.06 0.00	54.19 0.05 0.00	54.66 0.00 0.00	55.01 -0.17 0.00	70.80 0.50 -14.59	92.45 0.41 -23.99	151.17 0.44 -61.84	289.16 0.76 -161.15	101.50 0.18 -10.67	63.65 -0.45 0.00	50.12 0.05 0.00	45.83 -0.09 0.00	45.63 -0.14 0.00	43.89 -0.04 0.00	41.04 0.00 0.00	44.33 0.04 0.00	51.02 0.05 0.00	63.30 -0.51 0.00	86.95 -0.88 0.00	103.32 -0.41 0.00	90.02 -0.82 0.00	69.65 -0.35 0.00	65.56 -0.33 0.00	56.65 -0.06 0.00
HQ_GEN_CEDARS_PROXY 323590	61.14 0.06 0.00	54.03 -0.11 0.00	54.50 -0.16 0.00	55.01 -0.17 0.00	70.57 0.28 -14.59	92.31 0.27 -23.99	151.17 0.45 -61.84	289.03 0.64 -161.15	100.64 0.18 -9.81	64.51 -0.45 -0.86	50.12 0.05 0.00	45.96 0.05 0.00	45.85 0.09 0.00	43.89 -0.04 0.00	41.04 0.00 0.00	44.33 0.04 0.00	51.02 0.05 0.00	63.24 -0.58 0.00	86.95 -0.88 0.00	103.32 -0.41 0.00	90.02 -0.82 0.00	69.66 -0.35 0.00	65.56 -0.33 0.00	56.54 -0.17 0.00

HQ_GEN_CHPE_PROXY 323851	63.28 2.20 0.00	55.98 1.84 0.00	56.52 1.86 0.00	56.88 1.71 0.00	57.43 1.73 0.00	70.29 2.24 0.00	92.79 3.91 0.00	133.98 6.74 0.00	94.95 5.16 0.86	69.12 4.16 -0.86	53.23 3.16 0.00	49.13 3.21 0.00	48.88 3.11 0.00	47.00 3.07 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.23 3.26 0.00	68.26 4.02 -0.43	92.92 5.09 0.00	109.74 6.01 0.00	95.92 5.08 0.00	73.78 3.78 0.00	69.32 3.42 0.00	58.98 2.27 0.00
HQ_GEN_IMPORT 323601	61.20 0.12 0.00	54.19 0.05 0.00	54.72 0.05 0.00	55.23 0.06 0.00	55.55 0.17 0.32	67.66 0.14 0.52	87.63 0.09 1.34	123.89 0.13 3.47	89.74 0.18 1.09	64.96 0.00 -0.86	50.22 0.15 0.00	46.01 0.09 0.00	45.85 0.09 0.00	44.02 0.09 0.00	41.13 0.08 0.00	44.38 0.09 0.00	51.07 0.10 0.00	63.75 -0.06 0.00	87.74 -0.09 0.00	103.73 0.00 0.00	90.75 -0.09 0.00	70.00 0.00 0.00	65.89 0.00 0.00	56.77 0.06 0.00
HQ_GEN_WHEEL 23651	61.20 0.12 0.00	54.19 0.05 0.00	54.72 0.05 0.00	55.23 0.06 0.00	55.55 0.17 0.32	67.66 0.14 0.52	87.63 0.09 1.34	123.89 0.13 3.47	89.74 0.18 1.09	64.96 0.00 -0.86	50.22 0.15 0.00	46.01 0.09 0.00	45.85 0.09 0.00	44.02 0.09 0.00	41.13 0.08 0.00	44.38 0.09 0.00	51.07 0.10 0.00	63.75 -0.06 0.00	87.74 -0.09 0.00	103.73 0.00 0.00	90.75 -0.09 0.00	70.00 0.00 0.00	65.89 0.00 0.00	56.77 0.06 0.00
HUDSON_AVE_GT_3 23810	63.59 2.50 0.00	56.19 2.06 0.00	56.68 2.02 0.00	57.10 1.93 0.00	57.59 1.89 0.00	70.56 2.52 0.00	93.33 4.44 0.00	134.49 7.25 0.00	96.36 5.71 0.00	68.52 4.42 0.00	53.48 3.40 0.00	49.36 3.44 0.00	49.15 3.39 0.00	47.18 3.25 0.00	43.88 2.83 0.00	47.21 2.92 0.00	54.43 3.47 0.00	68.52 4.28 -0.43	93.27 5.45 0.00	110.16 6.43 0.00	96.29 5.45 0.00	74.06 4.06 0.00	69.58 3.69 0.00	59.15 2.44 0.00
HUDSON_AVE_GT_4 23540	63.59 2.50 0.00	56.19 2.06 0.00	56.68 2.02 0.00	57.10 1.93 0.00	57.59 1.89 0.00	70.56 2.52 0.00	93.33 4.44 0.00	134.49 7.25 0.00	96.36 5.71 0.00	68.52 4.42 0.00	53.48 3.40 0.00	49.36 3.44 0.00	49.15 3.39 0.00	47.18 3.25 0.00	43.88 2.83 0.00	47.21 2.92 0.00	54.43 3.47 0.00	68.52 4.28 -0.43	93.27 5.45 0.00	110.16 6.43 0.00	96.29 5.45 0.00	74.06 4.06 0.00	69.58 3.69 0.00	59.15 2.44 0.00
HUDSON_AVE_GT_5 23657	63.59 2.50 0.00	56.19 2.06 0.00	56.68 2.02 0.00	57.10 1.93 0.00	57.59 1.89 0.00	70.56 2.52 0.00	93.33 4.44 0.00	134.49 7.25 0.00	96.36 5.71 0.00	68.52 4.42 0.00	53.48 3.40 0.00	49.36 3.44 0.00	49.15 3.39 0.00	47.18 3.25 0.00	43.88 2.83 0.00	47.21 2.92 0.00	54.43 3.47 0.00	68.52 4.28 -0.43	93.27 5.45 0.00	110.16 6.43 0.00	96.29 5.45 0.00	74.06 4.06 0.00	69.58 3.69 0.00	59.15 2.44 0.00
HUDSON_AVE_10 24168	63.40 2.32 0.00	56.03 1.89 0.00	56.52 1.86 0.00	56.94 1.77 0.00	57.43 1.73 0.00	70.36 2.31 0.00	93.06 4.18 0.00	134.24 7.00 0.00	96.18 5.53 0.00	68.39 4.29 0.00	53.33 3.25 0.00	49.27 3.35 0.00	49.06 3.29 0.00	47.05 3.12 0.00	43.79 2.75 0.00	47.12 2.83 0.00	54.33 3.36 0.00	68.39 4.15 -0.43	93.18 5.36 0.00	110.06 6.33 0.00	96.20 5.36 0.00	73.92 3.92 0.00	69.45 3.56 0.00	59.03 2.33 0.00
HUDSON___115KV_TB 4 355613	62.55 1.47 0.00	55.54 1.41 0.00	56.14 1.48 0.00	56.66 1.49 0.00	57.04 1.34 0.00	70.02 1.97 0.00	91.91 3.02 0.00	130.93 3.69 0.00	92.91 2.27 0.00	65.25 1.15 0.00	50.37 0.30 0.00	46.29 0.37 0.00	46.17 0.41 0.00	44.41 0.48 0.00	41.50 0.45 0.00	44.91 0.62 0.00	52.04 1.07 0.00	65.72 1.85 -0.06	90.63 2.81 0.00	106.84 3.11 0.00	93.83 3.00 0.00	72.24 2.24 0.00	68.07 2.17 0.00	58.47 1.76 0.00
HUNTER MOUNT___DRP 323613	62.73 1.65 0.00	55.76 1.62 0.00	56.41 1.75 0.00	56.94 1.77 0.00	57.32 1.62 0.00	70.43 2.38 0.00	92.53 3.64 0.00	131.95 4.71 0.00	93.55 2.90 0.00	65.51 1.41 0.00	50.47 0.40 0.00	46.33 0.41 0.00	46.27 0.50 0.00	44.46 0.53 0.00	41.54 0.49 0.00	44.95 0.66 0.00	52.19 1.22 0.00	65.92 2.11 0.00	91.16 3.34 0.00	107.57 3.84 0.00	94.47 3.63 0.00	72.73 2.73 0.00	68.46 2.57 0.00	58.69 1.98 0.00
HUNTINGTON_RES_REC 323705	64.88 3.79 -0.01	57.34 3.19 -0.01	57.56 2.90 0.00	57.87 2.70 0.00	58.60 2.89 0.00	71.79 3.74 0.00	93.42 4.53 0.00	132.20 4.96 0.00	95.27 4.62 0.00	69.29 5.19 0.00	54.23 4.15 -0.01	49.92 3.99 -0.01	49.71 3.94 -0.01	47.45 3.52 0.00	44.00 2.96 0.00	47.65 3.36 0.00	55.20 4.23 -0.01	69.87 5.62 -0.44	94.69 6.85 -0.01	111.51 7.78 0.00	97.10 6.26 0.00	85.76 5.88 -9.88	76.75 5.60 -5.26	60.97 4.26 -0.01
HUNTLEY___63 23557	58.09 -2.99 0.00	51.75 -2.38 0.00	52.31 -2.35 0.00	53.02 -2.15 0.00	52.97 -2.73 0.00	63.76 -4.29 0.00	82.13 -6.76 0.00	114.51 -12.72 0.00	80.95 -9.70 0.00	57.94 -6.15 0.00	46.67 -3.40 0.00	42.15 -3.77 0.00	41.46 -4.30 0.00	39.71 -4.22 0.00	37.23 -3.82 0.00	40.08 -4.21 0.00	45.26 -5.71 0.30	56.17 -7.34 0.24	77.66 -9.92 0.00	92.42 -11.31 0.00	80.46 -10.26 0.11	61.87 -8.12 0.01	58.51 -7.38 0.00	52.23 -4.48 0.00
HUNTLEY___64 23558	58.09 -2.99 0.00	51.75 -2.38 0.00	52.31 -2.35 0.00	53.02 -2.15 0.00	52.97 -2.73 0.00	63.76 -4.29 0.00	82.13 -6.76 0.00	114.51 -12.72 0.00	80.95 -9.70 0.00	57.94 -6.15 0.00	46.67 -3.40 0.00	42.15 -3.77 0.00	41.46 -4.30 0.00	39.71 -4.22 0.00	37.23 -3.82 0.00	40.08 -4.21 0.00	45.26 -5.71 0.30	56.17 -7.34 0.24	77.66 -9.92 0.00	92.42 -11.31 0.00	80.46 -10.26 0.11	61.87 -8.12 0.01	58.51 -7.38 0.00	52.23 -4.48 0.00
HUNTLEY___65 23559	58.09 -2.99 0.00	51.75 -2.38 0.00	52.31 -2.35 0.00	53.02 -2.15 0.00	52.97 -2.73 0.00	63.76 -4.29 0.00	82.13 -6.76 0.00	114.51 -12.72 0.00	80.95 -9.70 0.00	57.94 -6.15 0.00	46.67 -3.40 0.00	42.15 -3.77 0.00	41.46 -4.30 0.00	39.71 -4.22 0.00	37.23 -3.82 0.00	40.08 -4.21 0.00	45.26 -5.71 0.30	56.17 -7.34 0.24	77.66 -9.92 0.00	92.42 -11.31 0.00	80.46 -10.26 0.11	61.87 -8.12 0.01	58.51 -7.38 0.00	52.23 -4.48 0.00
HUNTLEY___66 23560	58.09 -2.99 0.00	51.75 -2.38 0.00	52.31 -2.35 0.00	53.02 -2.15 0.00	52.97 -2.73 0.00	63.76 -4.29 0.00	82.13 -6.76 0.00	114.51 -12.72 0.00	80.95 -9.70 0.00	57.94 -6.15 0.00	46.67 -3.40 0.00	42.15 -3.77 0.00	41.46 -4.30 0.00	39.71 -4.22 0.00	37.23 -3.82 0.00	40.08 -4.21 0.00	45.26 -5.71 0.30	56.17 -7.34 0.24	77.66 -9.92 0.00	92.42 -11.31 0.00	80.46 -10.26 0.11	61.87 -8.12 0.01	58.51 -7.38 0.00	52.23 -4.48 0.00
HUNTLEY___67 23561	57.30 -3.79 0.00	51.05 -3.09 0.00	51.55 -3.12 0.00	52.25 -2.92 0.00	52.53 -3.17 0.00	63.15 -4.90 0.00	81.24 -7.64 0.00	114.13 -13.11 0.00	80.22 -10.42 0.00	57.37 -6.73 0.00	45.97 -4.11 0.00	41.51 -4.41 0.00	40.96 -4.81 0.00	39.19 -4.74 0.00	36.78 -4.27 0.00	39.60 -4.69 0.00	44.70 -6.27 0.00	55.37 -8.17 0.28	76.89 -10.71 0.22	91.49 -12.24 0.00	79.76 -10.99 0.09	61.32 -8.68 0.01	58.05 -7.84 0.00	51.72 -4.99 0.00

HUNTLEY___68 23562	57.30 -3.79 0.00	51.05 -3.09 0.00	51.55 -3.12 0.00	52.25 -2.92 0.00	52.53 -3.17 0.00	63.15 -4.90 0.00	81.24 -7.64 0.00	114.13 -13.11 0.00	80.22 -10.42 0.00	57.37 -6.73 0.00	45.97 -4.11 0.00	41.51 -4.41 0.00	40.96 -4.81 0.00	39.19 -4.74 0.00	36.78 -4.27 0.00	39.60 -4.69 0.00	44.70 -6.27 0.00	55.37 -8.17 0.28	76.89 -10.71 0.22	91.49 -12.24 0.00	79.76 -10.99 0.09	61.32 -8.68 0.01	58.05 -7.84 0.00	51.72 -4.99 0.00
HYLAND___LFGE 323620	62.55 1.46 0.00	55.60 1.46 0.00	56.14 1.48 0.00	56.88 1.71 0.00	57.54 1.84 0.00	70.09 2.04 0.00	91.73 2.84 0.00	130.03 2.80 0.00	90.20 -0.45 0.00	63.14 -0.96 0.00	49.32 -0.75 0.00	44.45 -1.47 0.00	43.84 -1.92 0.00	42.00 -1.93 0.00	39.36 -1.68 0.00	42.39 -1.90 0.00	48.67 -2.29 0.00	61.81 -1.91 0.09	86.83 -0.96 0.03	104.15 0.42 0.00	91.28 0.46 0.01	69.79 -0.21 0.00	65.30 -0.59 0.00	56.99 0.28 0.00
INDECK___CORINTH 23802	61.51 0.43 0.00	54.62 0.49 0.00	55.26 0.60 0.00	55.78 0.61 0.00	56.20 0.50 0.00	69.00 0.95 0.00	90.84 1.95 0.00	130.54 3.30 0.00	92.19 1.54 0.00	64.67 0.58 0.00	50.02 -0.05 0.00	45.78 -0.14 0.00	45.72 -0.05 0.00	43.84 -0.09 0.00	40.84 -0.20 0.00	44.42 0.13 0.00	51.63 0.66 0.00	65.29 1.40 -0.07	90.28 2.46 0.00	106.42 2.69 0.00	93.38 2.54 0.00	71.76 1.75 0.00	67.34 1.45 0.00	57.61 0.90 0.00
INDECK___ILION 23567	61.51 0.43 0.00	54.46 0.32 0.00	54.99 0.33 0.00	55.56 0.39 0.00	56.33 0.39 -0.24	69.05 0.61 -0.39	90.97 1.07 -1.01	131.61 1.65 -2.71	92.01 1.18 -0.18	64.93 0.83 0.00	50.57 0.50 0.00	46.42 0.51 0.00	46.27 0.50 0.00	44.37 0.44 0.00	41.50 0.45 0.00	44.82 0.53 0.00	51.58 0.61 0.00	64.70 0.89 0.00	89.05 1.23 0.00	105.08 1.35 0.00	91.93 1.09 0.00	70.70 0.70 0.00	66.42 0.53 0.00	57.05 0.34 0.00
INDECK___OLEAN 23982	59.80 -1.29 0.00	53.43 -0.71 0.00	53.95 -0.71 0.00	54.57 -0.61 0.00	55.20 -0.50 0.00	66.35 -1.70 0.00	86.40 -2.49 0.00	120.12 -7.12 0.00	83.76 -6.89 0.00	59.93 -4.17 0.00	47.57 -2.50 0.00	43.03 -2.89 0.00	42.42 -3.34 0.00	40.63 -3.30 0.00	38.05 -2.99 0.00	40.88 -3.41 0.00	46.23 -4.74 0.00	56.09 -7.47 0.26	79.81 -7.82 0.19	95.84 -7.89 0.00	83.48 -7.27 0.08	64.05 -5.95 0.01	60.22 -5.67 0.00	54.05 -2.66 0.00
INDECK___OSWEGO 23783	59.92 -1.16 0.00	53.11 -1.03 0.00	53.62 -1.04 0.00	54.18 -0.99 0.00	55.28 -0.95 -0.53	67.76 -1.16 -0.87	89.80 -1.33 -2.24	131.20 -1.91 -5.86	89.41 -1.63 -0.39	62.75 -1.35 0.00	48.97 -1.10 0.00	44.82 -1.10 0.00	44.62 -1.14 0.00	42.79 -1.14 0.00	40.02 -1.02 0.00	43.23 -1.06 0.00	49.69 -1.27 0.00	62.41 -1.40 0.00	86.15 -1.67 0.00	101.97 -1.76 0.00	89.29 -1.54 0.00	68.75 -1.26 0.00	64.51 -1.39 0.00	55.52 -1.19 0.00
INDECK___YERKES 23781	58.46 -2.62 0.00	52.19 -1.95 0.00	52.70 -1.97 0.00	53.30 -1.88 0.00	53.36 -2.34 0.00	63.83 -4.22 0.00	82.31 -6.58 0.00	114.64 -12.60 0.00	81.13 -9.52 0.00	58.07 -6.03 0.00	46.66 -3.41 0.00	42.15 -3.76 0.00	41.51 -4.25 0.00	39.71 -4.22 0.00	37.27 -3.78 0.00	40.13 -4.17 0.00	45.31 -5.66 0.00	56.30 -7.21 0.30	77.75 -9.83 0.24	92.32 -11.41 0.00	80.46 -10.26 0.11	61.80 -8.19 0.01	58.45 -7.45 0.00	52.23 -4.48 0.00
INDIAN POINT___GT_1 24139	62.98 1.89 0.00	55.71 1.57 0.00	56.19 1.53 0.00	56.72 1.54 0.00	57.15 1.45 0.00	69.95 1.91 0.00	92.35 3.47 0.00	133.09 5.85 0.00	95.09 4.44 0.00	67.62 3.53 0.00	52.73 2.65 0.00	48.67 2.76 0.00	48.51 2.75 0.00	46.52 2.59 0.00	43.34 2.30 0.00	46.64 2.35 0.00	53.77 2.80 0.00	67.77 3.51 -0.45	92.30 4.48 0.00	109.02 5.29 0.00	95.38 4.54 0.00	73.43 3.43 0.00	69.05 3.16 0.00	58.75 2.04 0.00
INDIAN POINT___GT_2 23659	62.98 1.89 0.00	55.71 1.57 0.00	56.19 1.53 0.00	56.72 1.54 0.00	57.15 1.45 0.00	69.95 1.91 0.00	92.35 3.47 0.00	133.09 5.85 0.00	95.09 4.44 0.00	67.62 3.53 0.00	52.73 2.65 0.00	48.67 2.76 0.00	48.51 2.75 0.00	46.52 2.59 0.00	43.34 2.30 0.00	46.64 2.35 0.00	53.77 2.80 0.00	67.77 3.51 -0.45	92.30 4.48 0.00	109.02 5.29 0.00	95.38 4.54 0.00	73.43 3.43 0.00	69.05 3.16 0.00	58.75 2.04 0.00
INDIAN POINT___GT_3 24019	62.98 1.89 0.00	55.71 1.57 0.00	56.19 1.53 0.00	56.72 1.54 0.00	57.15 1.45 0.00	69.95 1.91 0.00	92.35 3.47 0.00	133.09 5.85 0.00	95.09 4.44 0.00	67.62 3.53 0.00	52.73 2.65 0.00	48.67 2.76 0.00	48.51 2.75 0.00	46.52 2.59 0.00	43.34 2.30 0.00	46.64 2.35 0.00	53.77 2.80 0.00	67.77 3.51 -0.45	92.30 4.48 0.00	109.02 5.29 0.00	95.38 4.54 0.00	73.43 3.43 0.00	69.05 3.16 0.00	58.75 2.04 0.00
INDIAN POINT___2 23530	62.79 1.71 0.00	55.60 1.46 0.00	56.14 1.48 0.00	56.55 1.38 0.00	57.04 1.33 0.00	69.81 1.77 0.00	92.08 3.20 0.00	132.83 5.59 0.00	94.82 4.17 0.00	67.49 3.39 0.00	52.62 2.55 0.00	48.58 2.66 0.00	48.37 2.61 0.00	46.48 2.55 0.00	43.30 2.26 0.00	46.55 2.26 0.00	53.66 2.70 0.00	67.77 3.38 -0.57	92.13 4.30 0.00	108.92 5.18 0.00	95.20 4.36 0.00	73.30 3.29 0.00	68.92 3.03 0.00	58.69 1.98 0.00
INDIAN POINT___3 23531	62.85 1.77 0.00	55.60 1.46 0.00	56.14 1.48 0.00	56.61 1.43 0.00	57.04 1.34 0.00	69.82 1.77 0.00	92.17 3.29 0.00	132.71 5.47 0.00	94.91 4.26 0.00	67.49 3.40 0.00	52.62 2.55 0.00	48.63 2.71 0.00	48.42 2.65 0.00	46.48 2.55 0.00	43.30 2.26 0.00	46.55 2.26 0.00	53.67 2.70 0.00	67.66 3.38 -0.46	92.21 4.39 0.00	108.92 5.19 0.00	95.20 4.36 0.00	73.29 3.29 0.00	68.92 3.03 0.00	58.69 1.98 0.00
INGHAM_C_115KV_TB7 356103	61.88 0.79 0.00	54.79 0.65 0.00	55.32 0.66 0.00	55.89 0.72 0.00	56.72 0.78 -0.24	69.60 1.16 -0.39	91.77 1.87 -1.01	132.75 2.80 -2.71	92.82 1.99 -0.18	65.51 1.41 0.00	51.02 0.95 0.00	46.84 0.92 0.00	46.63 0.87 0.00	44.76 0.83 0.00	41.87 0.82 0.00	45.22 0.93 0.00	52.04 1.07 0.00	65.28 1.47 0.00	89.93 2.11 0.00	106.01 2.28 0.00	92.56 1.73 0.00	71.05 1.05 0.00	66.68 0.79 0.00	57.33 0.62 0.00
IP CORINTH___1 23988	61.88 0.79 0.00	54.89 0.76 0.00	55.54 0.87 0.00	56.11 0.94 0.00	56.48 0.78 0.00	69.34 1.29 0.00	91.37 2.49 0.00	131.18 3.94 0.00	92.64 1.99 0.00	65.06 0.96 0.00	50.27 0.20 0.00	46.06 0.14 0.00	45.95 0.18 0.00	44.06 0.13 0.00	41.04 0.00 0.00	44.64 0.35 0.00	51.88 0.92 0.00	65.61 1.72 -0.07	90.72 2.90 0.00	107.05 3.32 0.00	93.83 3.00 0.00	72.17 2.17 0.00	67.67 1.78 0.00	57.90 1.19 0.00
IP___TICONDEROGA 23804	62.98 1.89 0.00	55.87 1.73 0.00	56.58 1.91 0.00	57.21 2.04 0.00	57.59 1.89 0.00	71.18 3.13 0.00	94.04 5.16 0.00	134.87 7.63 0.00	94.27 3.63 0.00	65.76 1.67 0.00	50.47 0.40 0.00	46.10 0.18 0.00	45.99 0.23 0.00	44.02 0.09 0.00	41.00 -0.04 0.00	44.73 0.44 0.00	52.34 1.38 0.00	66.69 2.81 -0.07	92.83 5.01 0.00	109.85 6.12 0.00	96.29 5.45 0.00	73.85 3.85 0.00	69.05 3.16 0.00	58.81 2.10 0.00

ISLIP_RES_REC 323679	65.55 4.46 -0.01	57.93 3.79 -0.01	58.16 3.50 0.00	58.48 3.31 0.00	59.21 3.51 0.00	72.54 4.49 0.00	94.22 5.33 0.00	133.09 5.86 0.00	95.90 5.26 0.00	69.93 5.83 0.00	54.89 4.81 -0.01	50.52 4.59 -0.01	50.26 4.49 -0.01	47.88 3.96 0.00	44.37 3.32 0.00	48.05 3.76 0.00	55.82 4.84 -0.01	70.76 6.51 -0.44	95.91 8.07 -0.01	112.75 9.02 0.00	98.19 7.35 0.00	86.89 7.00 -9.89	77.81 6.65 -5.26	61.82 5.11 -0.01
JAMAICA__27_KV_LOAD 355505	63.65 2.57 0.00	56.19 2.06 0.00	56.68 2.02 0.00	57.16 1.99 0.00	57.65 1.95 0.00	70.77 2.72 0.00	93.95 5.07 0.00	135.38 8.14 0.00	96.99 6.35 0.00	68.90 4.81 0.00	53.73 3.66 0.00	49.59 3.67 0.00	49.38 3.62 0.00	47.40 3.47 0.00	44.04 3.00 0.00	47.39 3.10 0.00	54.74 3.77 0.00	69.09 4.85 -0.43	94.23 6.41 0.00	111.51 7.78 0.00	97.38 6.54 0.00	74.62 4.62 0.00	69.98 4.09 0.00	59.37 2.67 0.00
JANIS__SOLAR 323808	63.34 2.26 0.00	56.14 2.00 0.00	56.74 2.08 0.00	57.49 2.32 0.00	58.21 2.51 0.00	71.18 3.13 0.00	93.59 4.71 0.00	133.72 6.49 0.00	94.18 3.53 0.00	65.70 1.60 0.00	50.82 0.75 0.00	46.33 0.41 0.00	45.90 0.14 0.00	43.97 0.04 0.00	41.29 0.25 0.00	44.73 0.44 0.00	51.58 0.61 0.00	65.08 1.40 0.13	90.98 3.16 0.00	108.09 4.36 0.00	94.47 3.64 0.00	72.39 2.38 0.00	67.73 1.84 0.00	58.47 1.76 0.00
JARVIS____ 23743	61.14 0.06 0.00	54.19 0.05 0.00	54.72 0.05 0.00	55.23 0.06 0.00	55.94 0.00 -0.24	68.51 0.07 -0.39	90.08 0.18 -1.01	130.34 0.38 -2.71	91.10 0.27 -0.18	64.29 0.19 0.00	50.12 0.05 0.00	46.01 0.09 0.00	45.81 0.05 0.00	44.02 0.09 0.00	41.13 0.08 0.00	44.38 0.09 0.00	51.12 0.15 0.00	64.07 0.26 0.00	88.18 0.35 0.00	104.04 0.31 0.00	91.11 0.27 0.00	70.21 0.21 0.00	66.09 0.20 0.00	56.82 0.11 0.00
JENNISON__1 23625	63.04 1.95 0.00	55.87 1.73 0.00	56.47 1.80 0.00	57.21 2.04 0.00	57.82 2.12 0.00	70.77 2.72 0.00	93.24 4.36 0.00	133.60 6.36 0.00	94.55 3.90 0.00	66.41 2.31 0.00	51.52 1.45 0.00	47.20 1.29 0.00	46.86 1.10 0.00	44.85 0.92 0.00	42.07 1.03 0.00	45.53 1.24 0.00	52.44 1.48 0.00	65.72 2.11 0.20	91.42 3.60 0.00	108.40 4.67 0.00	94.65 3.82 0.00	72.45 2.45 0.00	67.93 2.04 0.00	58.41 1.70 0.00
JENNISON__2 23626	63.04 1.95 0.00	55.87 1.73 0.00	56.47 1.80 0.00	57.21 2.04 0.00	57.82 2.12 0.00	70.77 2.72 0.00	93.24 4.36 0.00	133.60 6.36 0.00	94.55 3.90 0.00	66.41 2.31 0.00	51.52 1.45 0.00	47.20 1.29 0.00	46.86 1.10 0.00	44.85 0.92 0.00	42.07 1.03 0.00	45.53 1.24 0.00	52.44 1.48 0.00	65.72 2.11 0.20	91.42 3.60 0.00	108.40 4.67 0.00	94.65 3.82 0.00	72.45 2.45 0.00	67.93 2.04 0.00	58.41 1.70 0.00
JERICHO_RISE_WT_PWR 323719	60.47 -0.61 0.00	53.38 -0.76 0.00	53.84 -0.82 0.00	54.40 -0.77 0.00	55.61 -0.61 -0.52	68.02 -0.89 -0.86	90.04 -1.06 -2.22	131.84 -1.27 -5.87	90.13 -0.91 -0.39	63.01 -1.09 0.00	49.82 -0.25 0.00	45.69 -0.23 0.00	45.58 -0.18 0.00	43.71 -0.22 0.00	40.88 -0.16 0.00	44.11 -0.18 0.00	50.81 -0.15 0.00	62.79 -1.02 0.00	86.25 -1.58 0.00	102.28 -1.45 0.00	89.20 -1.63 0.00	69.02 -0.98 0.00	65.10 -0.79 0.00	56.32 -0.39 0.00
KATONAH__115KV_46KV_TB4 355592	63.59 2.50 0.00	56.30 2.17 0.00	56.85 2.19 0.00	57.38 2.21 0.00	57.71 2.01 0.00	70.77 2.72 0.00	93.42 4.53 0.00	134.75 7.51 0.00	96.18 5.53 0.00	68.20 4.10 0.00	53.13 3.05 0.00	49.04 3.12 0.00	48.83 3.07 0.00	46.83 2.90 0.00	43.63 2.59 0.00	46.95 2.66 0.00	54.23 3.26 0.00	68.34 4.21 -0.31	93.18 5.36 0.00	110.06 6.33 0.00	96.38 5.54 0.00	74.13 4.13 0.00	69.78 3.89 0.00	59.43 2.72 0.00
KCE_NY_1 323755	62.79 1.71 0.00	55.71 1.57 0.00	56.30 1.64 0.00	56.82 1.65 0.00	57.21 1.50 0.00	70.16 2.11 0.00	92.18 3.29 0.00	132.07 4.83 0.00	93.55 2.90 0.00	65.83 1.73 0.00	50.97 0.90 0.00	46.75 0.83 0.00	46.63 0.87 0.00	44.76 0.83 0.00	41.78 0.74 0.00	45.35 1.06 0.00	52.55 1.58 0.00	66.37 2.49 -0.08	91.60 3.77 0.00	107.88 4.15 0.00	94.65 3.81 0.00	72.88 2.87 0.00	68.53 2.64 0.00	58.69 1.98 0.00
KCE_NY_6_ESR 323823	58.52 -2.56 0.00	52.24 -1.90 0.00	52.75 -1.91 0.00	53.35 -1.82 0.00	53.86 -1.84 0.00	64.58 -3.47 0.00	83.29 -5.60 0.00	116.55 -10.69 0.00	81.86 -8.79 0.00	58.52 -5.58 0.00	46.72 -3.35 0.00	42.20 -3.72 0.00	41.55 -4.21 0.00	39.80 -4.13 0.00	37.31 -3.73 0.00	40.13 -4.17 0.00	45.36 -5.61 0.00	56.00 -7.53 0.28	78.12 -9.49 0.22	93.15 -10.58 0.00	81.21 -9.54 0.09	62.37 -7.63 0.01	58.91 -6.99 0.00	52.57 -4.14 0.00
KEDC_PORT_JEFF_GT2 24210	65.12 4.03 -0.01	57.56 3.41 -0.01	57.78 3.11 0.00	58.09 2.92 0.00	58.82 3.12 0.00	72.06 4.01 0.00	93.50 4.62 0.00	131.81 4.57 0.00	95.27 4.62 0.00	69.48 5.38 0.00	54.53 4.45 -0.01	50.20 4.27 -0.01	49.93 4.16 -0.01	47.53 3.60 0.00	44.00 2.96 0.00	47.65 3.36 0.00	55.30 4.33 -0.01	70.06 5.81 -0.44	94.86 7.03 -0.01	111.61 7.88 0.00	97.19 6.36 0.00	86.28 6.44 -9.84	77.28 6.13 -5.26	61.37 4.65 -0.01
KEDC_PORT_JEFF_GT3 24211	65.12 4.03 -0.01	57.56 3.41 -0.01	57.78 3.11 0.00	58.09 2.92 0.00	58.82 3.12 0.00	72.06 4.01 0.00	93.50 4.62 0.00	131.81 4.57 0.00	95.27 4.62 0.00	69.48 5.38 0.00	54.53 4.45 -0.01	50.20 4.27 -0.01	49.93 4.16 -0.01	47.53 3.60 0.00	44.00 2.96 0.00	47.65 3.36 0.00	55.30 4.33 -0.01	70.06 5.81 -0.44	94.86 7.03 -0.01	111.61 7.88 0.00	97.19 6.36 0.00	86.28 6.44 -9.84	77.28 6.13 -5.26	61.37 4.65 -0.01
KEDC_GLWD_GT4 24219	64.03 2.93 -0.01	56.86 2.71 -0.01	57.23 2.57 0.00	57.60 2.42 0.00	58.21 2.51 0.00	70.77 2.72 0.00	92.89 4.00 0.00	133.09 5.86 0.00	96.00 5.35 0.00	68.97 4.87 0.00	53.79 3.71 -0.01	49.61 3.67 -0.01	49.44 3.66 -0.01	47.36 3.43 0.00	44.04 2.99 0.00	47.52 3.23 0.00	54.85 3.87 -0.01	68.72 4.47 -0.44	93.46 5.63 -0.01	110.38 6.64 0.00	96.19 5.36 0.00	88.84 4.34 -14.50	75.17 4.02 -5.26	59.61 2.89 -0.01
KEDC_GLWD_GTS 24220	64.03 2.93 -0.01	56.86 2.71 -0.01	57.23 2.57 0.00	57.60 2.42 0.00	58.21 2.51 0.00	70.77 2.72 0.00	92.89 4.00 0.00	133.09 5.86 0.00	96.00 5.35 0.00	68.97 4.87 0.00	53.79 3.71 -0.01	49.61 3.67 -0.01	49.44 3.66 -0.01	47.36 3.43 0.00	44.04 2.99 0.00	47.52 3.23 0.00	54.85 3.87 -0.01	68.72 4.47 -0.44	93.46 5.63 -0.01	110.38 6.64 0.00	96.19 5.36 0.00	88.84 4.34 -14.50	75.17 4.02 -5.26	59.61 2.89 -0.01
KENSICO____ 23655	63.22 2.14 0.00	55.92 1.79 0.00	56.41 1.75 0.00	56.88 1.71 0.00	57.32 1.62 0.00	70.22 2.18 0.00	92.71 3.82 0.00	133.47 6.23 0.00	95.54 4.90 0.00	67.88 3.78 0.00	52.93 2.85 0.00	48.90 2.98 0.00	48.69 2.93 0.00	46.74 2.81 0.00	43.51 2.46 0.00	46.81 2.52 0.00	54.02 3.06 0.00	68.08 3.83 -0.44	92.74 4.92 0.00	109.44 5.71 0.00	95.74 4.91 0.00	73.71 3.71 0.00	69.25 3.36 0.00	58.98 2.27 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	63.28 2.20 0.00	56.03 1.89 0.00	56.63 1.97 0.00	57.16 1.99 0.00	57.59 1.89 0.00	70.77 2.72 0.00	93.42 4.53 0.00	134.49 7.25 0.00	95.82 5.17 0.00	67.69 3.59 0.00	52.57 2.50 0.00	48.49 2.57 0.00	48.28 2.52 0.00	46.30 2.37 0.00	43.22 2.18 0.00	46.50 2.21 0.00	53.77 2.80 0.00	67.18 3.70 0.33	93.01 5.18 0.00	110.06 6.33 0.00	96.29 5.45 0.00	73.99 3.99 0.00	69.52 3.62 0.00	59.15 2.44 0.00
KIAC_JFK_GT1 23816	63.28 2.20 0.00	55.92 1.79 0.00	56.41 1.75 0.00	56.83 1.66 0.00	57.32 1.62 0.00	70.43 2.38 0.00	93.42 4.53 0.00	134.62 7.38 0.00	96.45 5.80 0.00	68.52 4.42 0.00	53.43 3.35 0.00	49.36 3.44 0.00	49.15 3.39 0.00	47.14 3.21 0.00	43.84 2.79 0.00	47.17 2.88 0.00	54.48 3.52 0.00	68.71 4.47 -0.43	93.71 5.88 0.00	110.78 7.05 0.00	96.74 5.90 0.00	74.20 4.20 0.00	69.58 3.69 0.00	59.03 2.33 0.00
KIAC_JFK_GT2 23817	63.28 2.20 0.00	55.92 1.79 0.00	56.41 1.75 0.00	56.83 1.66 0.00	57.32 1.62 0.00	70.43 2.38 0.00	93.42 4.53 0.00	134.62 7.38 0.00	96.45 5.80 0.00	68.52 4.42 0.00	53.43 3.35 0.00	49.36 3.44 0.00	49.15 3.39 0.00	47.14 3.21 0.00	43.84 2.79 0.00	47.17 2.88 0.00	54.48 3.52 0.00	68.71 4.47 -0.43	93.71 5.88 0.00	110.78 7.05 0.00	96.74 5.90 0.00	74.20 4.20 0.00	69.58 3.69 0.00	59.03 2.33 0.00
KIAC_JFK____ 323774	63.22 2.14 0.00	55.92 1.78 0.00	56.41 1.75 0.00	56.82 1.65 0.00	57.32 1.62 0.00	70.36 2.31 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.36 5.71 0.00	68.58 4.49 0.00	53.43 3.36 0.00	49.32 3.40 0.00	49.06 3.30 0.00	47.13 3.21 0.00	43.84 2.79 0.00	47.17 2.88 0.00	54.48 3.51 0.00	68.71 4.47 -0.43	93.71 5.88 0.00	110.79 7.06 0.00	96.74 5.90 0.00	74.28 4.27 0.00	69.58 3.69 0.00	59.09 2.38 0.00
KINTIGH_24_KV_GSU 356498	57.24 -3.85 0.00	50.89 -3.25 0.00	51.38 -3.28 0.00	51.97 -3.20 0.00	52.41 -3.29 0.00	62.94 -5.10 0.00	81.06 -7.82 0.00	114.77 -12.46 0.00	80.95 -9.70 0.00	57.82 -6.28 0.00	46.11 -3.96 0.00	41.69 -4.22 0.00	41.23 -4.53 0.00	39.49 -4.44 0.00	37.02 -4.02 0.00	39.86 -4.43 0.00	45.15 -5.81 0.00	56.53 -7.02 0.26	77.78 -9.83 0.21	92.21 -11.52 0.00	80.58 -10.17 0.09	62.01 -7.98 0.01	58.64 -7.25 0.00	51.66 -5.05 0.00
KINTIGH____ 23543	56.99 -4.09 0.00	50.67 -3.46 0.00	51.16 -3.50 0.00	51.81 -3.37 0.00	52.14 -3.56 0.00	62.88 -5.17 0.00	80.88 -8.00 0.00	114.51 -12.72 0.00	80.77 -9.88 0.00	57.69 -6.41 0.00	46.12 -3.96 0.00	41.69 -4.22 0.00	41.23 -4.53 0.00	39.45 -4.48 0.00	37.02 -4.02 0.00	39.86 -4.43 0.00	45.15 -5.81 0.00	56.47 -7.08 0.26	77.69 -9.92 0.21	92.22 -11.51 0.00	80.49 -10.26 0.09	61.95 -8.05 0.01	58.64 -7.25 0.00	51.66 -5.05 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	61.57 0.49 0.00	54.68 0.54 0.00	55.21 0.55 0.00	55.01 -0.17 0.00	56.20 0.50 0.00	67.78 -0.27 0.00	88.00 -0.89 0.00	126.48 -0.76 0.00	89.83 -0.82 0.00	62.82 -1.28 0.00	50.37 0.30 0.00	46.01 0.09 0.00	45.85 0.09 0.00	44.15 0.22 0.00	41.25 0.21 0.00	44.56 0.27 0.00	51.37 0.41 0.00	63.30 -0.51 0.00	86.15 -1.67 0.00	102.49 -1.24 0.00	89.29 -1.54 0.00	69.09 -0.91 0.00	65.36 -0.53 0.00	57.56 0.85 0.00
LACHUTE__HYDRO 323717	62.98 1.90 0.00	55.87 1.73 0.00	56.57 1.91 0.00	57.21 2.04 0.00	57.65 1.95 0.00	71.18 3.13 0.00	94.04 5.15 0.00	134.87 7.63 0.00	94.28 3.63 0.00	65.76 1.66 0.00	50.47 0.40 0.00	46.10 0.18 0.00	45.99 0.23 0.00	44.02 0.09 0.00	41.00 -0.04 0.00	44.73 0.44 0.00	52.34 1.38 0.00	66.69 2.80 -0.07	92.83 5.00 0.00	109.85 6.12 0.00	96.29 5.45 0.00	73.85 3.85 0.00	69.05 3.16 0.00	58.81 2.10 0.00
LAWRNCV_115KV_TB1 80681	60.17 -0.92 0.00	53.27 -0.87 0.00	53.79 -0.87 0.00	54.18 -0.99 0.00	65.05 -0.78 -10.13	83.82 -0.88 -16.66	130.66 -1.16 -42.93	237.88 -1.40 -112.04	96.42 -1.63 -7.41	62.11 -1.99 0.00	48.72 -1.35 0.00	44.59 -1.33 0.00	44.39 -1.37 0.00	42.70 -1.23 0.00	39.98 -1.07 0.00	43.23 -1.06 0.00	49.84 -1.12 0.00	61.90 -1.91 0.00	85.28 -2.55 0.00	101.45 -2.28 0.00	88.29 -2.54 0.00	68.74 -1.26 0.00	64.57 -1.32 0.00	55.75 -0.96 0.00
LEDERLE____ 23769	62.91 1.83 0.00	55.71 1.57 0.00	56.19 1.53 0.00	56.66 1.49 0.00	57.15 1.45 0.00	69.95 1.91 0.00	92.35 3.47 0.00	133.22 5.98 0.00	95.18 4.53 0.00	67.62 3.53 0.00	52.73 2.65 0.00	48.72 2.80 0.00	48.55 2.79 0.00	46.57 2.64 0.00	43.38 2.34 0.00	46.64 2.35 0.00	53.77 2.80 0.00	66.21 3.51 1.11	92.39 4.57 0.00	109.23 5.50 0.00	95.56 4.72 0.00	73.50 3.50 0.00	69.05 3.16 0.00	58.75 2.04 0.00
LIGHTHSE_115KV_TB6 355974	60.53 -0.55 0.00	53.60 -0.54 0.00	54.12 -0.55 0.00	54.84 -0.33 0.00	56.89 -0.28 -1.46	70.45 0.00 -2.40	95.71 0.62 -6.20	144.50 0.89 -16.37	91.55 -0.18 -1.08	63.14 -0.96 0.00	48.87 -1.20 0.00	44.77 -1.15 0.00	44.48 -1.28 0.00	42.57 -1.36 0.00	39.98 -1.07 0.00	43.36 -0.93 0.00	50.00 -0.97 0.00	63.05 -0.77 0.00	87.65 -0.18 0.00	104.15 0.41 0.00	91.02 0.18 0.00	70.00 0.00 0.00	65.36 -0.53 0.00	56.03 -0.68 0.00
LINDEN COGEN____ 23786	63.16 2.08 0.00	55.87 1.73 0.00	56.36 1.70 0.00	56.77 1.60 0.00	57.26 1.56 0.00	70.09 2.04 0.00	92.62 3.73 0.00	133.85 6.61 0.00	95.72 5.07 0.00	68.20 4.11 0.00	53.23 3.16 0.00	49.08 3.17 0.00	48.88 3.11 0.00	46.96 3.03 0.00	43.67 2.63 0.00	46.99 2.70 0.00	54.12 3.16 0.01	62.22 3.83 5.42	88.37 4.83 4.28	109.42 5.70 0.01	95.64 4.81 0.01	73.56 3.57 0.01	67.48 3.23 1.64	58.80 2.10 0.01
LINDHRST_69_KV_BK1 356055	65.12 4.03 -0.01	57.61 3.46 -0.01	57.83 3.17 0.00	58.26 3.09 0.00	58.93 3.23 0.00	72.13 4.08 0.00	94.84 5.96 0.00	133.60 6.36 0.00	96.90 6.25 0.00	69.67 5.58 0.00	54.49 4.41 -0.01	50.24 4.32 -0.01	50.03 4.26 -0.01	47.71 3.78 0.00	44.33 3.28 0.00	47.92 3.63 0.00	55.46 4.48 -0.01	70.18 5.93 -0.44	95.39 7.55 -0.01	112.44 8.71 0.00	97.83 6.99 0.00	86.86 6.23 -10.63	76.95 5.80 -5.26	61.09 4.37 -0.01
LIPA_MISC_IPP 23656	64.69 3.60 -0.01	57.23 3.09 -0.01	57.45 2.79 0.00	57.82 2.65 0.00	58.54 2.84 0.00	71.72 3.67 0.00	93.86 4.98 0.00	130.80 3.56 0.00	95.63 4.99 0.00	69.03 4.94 0.00	54.44 4.36 -0.01	50.11 4.18 -0.01	49.89 4.12 -0.01	47.49 3.56 0.00	44.00 2.96 0.00	47.66 3.37 0.00	55.41 4.43 -0.01	70.25 6.00 -0.44	94.86 7.03 -0.01	111.30 7.57 0.00	96.92 6.09 0.00	86.19 6.37 -9.82	77.35 6.19 -5.26	61.37 4.65 -0.01
LISF__SOLAR 323691	64.94 3.85 -0.01	57.34 3.19 -0.01	57.56 2.90 0.00	57.87 2.70 0.00	58.65 2.95 0.00	71.86 3.81 0.00	92.79 3.91 0.00	131.19 3.95 0.00	94.37 3.72 0.00	69.10 5.00 0.00	54.49 4.41 -0.01	50.10 4.18 -0.01	49.84 4.07 -0.01	47.53 3.60 0.00	44.04 2.99 0.00	47.75 3.46 0.00	55.46 4.49 -0.01	70.38 6.13 -0.44	95.04 7.20 -0.01	111.61 7.88 0.00	97.10 6.26 0.00	86.34 6.51 -9.83	77.48 6.33 -5.26	61.54 4.82 -0.01

LITTLE FALLS___HYD 24013	61.88 0.79 0.00	54.79 0.65 0.00	55.32 0.66 0.00	55.89 0.72 0.00	56.72 0.78 -0.24	69.60 1.16 -0.39	91.77 1.87 -1.01	132.75 2.80 -2.71	92.82 1.99 -0.18	65.51 1.41 0.00	51.02 0.95 0.00	46.84 0.92 0.00	46.63 0.87 0.00	44.76 0.83 0.00	41.87 0.82 0.00	45.22 0.93 0.00	52.04 1.07 0.00	65.28 1.47 0.00	89.93 2.11 0.00	106.01 2.28 0.00	92.56 1.73 0.00	71.05 1.05 0.00	66.68 0.79 0.00	57.33 0.62 0.00
LITTLRIV_115KV_TB1 356100	60.90 -0.18 0.00	53.97 -0.16 0.00	54.44 -0.22 0.00	54.90 -0.28 0.00	65.06 0.00 -9.36	83.50 0.07 -15.38	128.72 0.18 -39.65	231.14 0.38 -103.52	96.76 -0.73 -6.84	62.50 -1.60 0.00	48.97 -1.10 0.00	44.77 -1.15 0.00	44.53 -1.24 0.00	42.83 -1.10 0.00	40.18 -0.86 0.00	43.49 -0.80 0.00	50.20 -0.76 0.00	62.41 -1.40 0.00	86.15 -1.67 0.00	102.80 -0.93 0.00	89.38 -1.45 0.00	69.58 -0.42 0.00	65.36 -0.53 0.00	56.43 -0.28 0.00
LI_NEWBRDGE___DRP 323616	63.96 2.87 -0.01	56.63 2.49 -0.01	56.96 2.30 0.00	57.32 2.15 0.00	57.93 2.23 0.00	70.97 2.93 0.00	93.24 4.36 0.00	131.82 4.58 0.00	95.45 4.80 0.00	68.65 4.55 0.00	53.53 3.45 -0.01	49.42 3.49 -0.01	49.29 3.52 -0.01	47.09 3.16 0.00	43.75 2.71 0.00	47.26 2.97 0.00	54.54 3.57 -0.01	68.84 4.59 -0.44	93.54 5.71 -0.01	110.37 6.64 0.00	96.11 5.27 0.00	83.90 4.55 -9.35	75.44 4.28 -5.26	59.89 3.18 -0.01
LOCKPORT_115KV_TB60_63_64 80432	56.44 -4.64 0.00	50.24 -3.90 0.00	50.73 -3.94 0.00	51.42 -3.75 0.00	51.69 -4.01 0.00	62.20 -5.85 0.00	79.91 -8.98 0.00	112.22 -15.01 0.00	78.95 -11.69 0.00	56.47 -7.63 0.00	45.31 -4.76 0.00	40.87 -5.05 -5.49	40.27 -5.36 -5.36	38.57 -4.84 -4.84	36.20 -5.31 -5.31	38.98 -6.93 -6.93	44.03 -8.55 -8.55	54.94 -11.68 -11.68	75.88 -13.59 -13.59	90.14 -12.08 -12.08	78.62 -9.52 -9.52	60.47 -8.70 -8.70	57.19 -5.50 -5.50	51.21 0.00 0.00
LOCKPORT___CC1 323769	56.87 -4.21 0.00	50.67 -3.47 0.00	51.16 -3.50 0.00	51.75 -3.42 0.00	52.13 -3.57 0.00	62.19 -5.85 0.00	80.00 -8.89 0.00	112.22 -15.02 0.00	79.04 -11.60 0.00	56.47 -7.63 0.00	45.22 -4.86 0.00	40.78 -5.14 0.00	40.22 -5.54 0.00	38.48 -5.45 0.00	36.12 -4.93 0.00	38.89 -5.41 0.00	43.98 -6.98 0.00	54.64 -8.68 0.49	75.53 -11.86 0.44	89.93 -13.80 0.00	78.45 -12.27 0.13	60.33 -9.66 0.01	57.13 -8.76 0.00	51.27 -5.44 0.00
LOCKPORT___CC2 323770	56.87 -4.21 0.00	50.67 -3.47 0.00	51.16 -3.50 0.00	51.75 -3.42 0.00	52.13 -3.57 0.00	62.19 -5.85 0.00	80.00 -8.89 0.00	112.22 -15.02 0.00	79.04 -11.60 0.00	56.47 -7.63 0.00	45.22 -4.86 0.00	40.78 -5.14 0.00	40.22 -5.54 0.00	38.48 -5.45 0.00	36.12 -4.93 0.00	38.89 -5.41 0.00	43.98 -6.98 0.00	54.64 -8.68 0.49	75.53 -11.86 0.44	89.93 -13.80 0.00	78.45 -12.27 0.13	60.33 -9.66 0.01	57.13 -8.76 0.00	51.27 -5.44 0.00
LOCKPORT___CC3 323771	56.87 -4.21 0.00	50.67 -3.47 0.00	51.16 -3.50 0.00	51.75 -3.42 0.00	52.13 -3.57 0.00	62.19 -5.85 0.00	80.00 -8.89 0.00	112.22 -15.02 0.00	79.04 -11.60 0.00	56.47 -7.63 0.00	45.22 -4.86 0.00	40.78 -5.14 0.00	40.22 -5.54 0.00	38.48 -5.45 0.00	36.12 -4.93 0.00	38.89 -5.41 0.00	43.98 -6.98 0.00	54.64 -8.68 0.49	75.53 -11.86 0.44	89.93 -13.80 0.00	78.45 -12.27 0.13	60.33 -9.66 0.01	57.13 -8.76 0.00	51.27 -5.44 0.00
LOCUSVLY_69_KV_BK2 55797	64.52 3.42 -0.01	57.13 2.98 -0.01	57.45 2.79 0.00	57.87 2.70 0.00	58.43 2.73 0.00	71.38 3.33 0.00	93.95 5.07 0.00	133.35 6.11 0.00	96.54 5.89 0.00	69.23 5.13 0.00	54.09 4.01 -0.01	49.93 3.99 -0.01	49.71 3.94 -0.01	47.53 3.60 0.00	44.16 3.12 0.00	47.70 3.41 0.00	55.05 4.08 -0.01	69.36 5.10 -0.44	94.34 6.50 -0.01	111.30 7.57 0.00	97.01 6.18 0.00	88.36 5.11 -13.25	75.90 4.74 -5.26	60.24 3.52 -0.01
LONG_LAKE_PHOENIX 24014	59.98 -1.10 0.00	53.16 -0.97 0.00	53.68 -0.98 0.00	54.23 -0.94 0.00	55.08 -0.95 -0.33	67.43 -1.16 -0.54	88.95 -1.33 -1.40	129.07 -1.78 -3.62	89.26 -1.63 -0.24	62.88 -1.22 0.00	49.12 -0.95 0.00	44.95 -0.96 0.00	44.80 -0.96 0.00	42.92 -1.01 0.00	40.10 -0.94 0.00	43.32 -0.97 0.00	49.74 -1.22 0.00	62.47 -1.34 0.00	86.24 -1.58 0.00	101.97 -1.76 0.00	89.29 -1.54 0.00	68.74 -1.26 0.00	64.57 -1.32 0.00	55.63 -1.08 0.00
LOVETT___3 23632	62.67 1.59 0.00	55.49 1.35 0.00	55.97 1.31 0.00	56.44 1.27 0.00	56.93 1.23 0.00	69.68 1.63 0.00	91.91 3.02 0.00	132.46 5.22 0.00	94.73 4.08 0.00	67.37 3.27 0.00	52.52 2.45 0.00	48.54 2.62 0.00	48.37 2.61 0.00	46.39 2.46 0.00	43.22 2.18 0.00	46.46 2.17 0.00	53.56 2.60 0.00	65.93 3.25 1.14	91.95 4.13 0.00	108.61 4.88 0.00	95.02 4.18 0.00	73.15 3.15 0.00	68.79 2.90 0.00	58.52 1.81 0.00
LOVETT___4 23642	62.67 1.59 0.00	55.49 1.35 0.00	55.97 1.31 0.00	56.44 1.27 0.00	56.93 1.23 0.00	69.68 1.63 0.00	91.91 3.02 0.00	132.46 5.22 0.00	94.73 4.08 0.00	67.37 3.27 0.00	52.52 2.45 0.00	48.54 2.62 0.00	48.37 2.61 0.00	46.39 2.46 0.00	43.22 2.18 0.00	46.46 2.17 0.00	53.56 2.60 0.00	65.93 3.25 1.14	91.95 4.13 0.00	108.61 4.88 0.00	95.02 4.18 0.00	73.15 3.15 0.00	68.79 2.90 0.00	58.52 1.81 0.00
LOVETT___5 23593	62.67 1.59 0.00	55.49 1.35 0.00	55.97 1.31 0.00	56.44 1.27 0.00	56.93 1.23 0.00	69.68 1.63 0.00	91.91 3.02 0.00	132.46 5.22 0.00	94.73 4.08 0.00	67.37 3.27 0.00	52.52 2.45 0.00	48.54 2.62 0.00	48.37 2.61 0.00	46.39 2.46 0.00	43.22 2.18 0.00	46.46 2.17 0.00	53.56 2.60 0.00	65.93 3.25 1.14	91.95 4.13 0.00	108.61 4.88 0.00	95.02 4.18 0.00	73.15 3.15 0.00	68.79 2.90 0.00	58.52 1.81 0.00
LOWER RAQUET___HYD 24057	59.86 -1.22 0.00	52.84 -1.30 0.00	53.30 -1.36 0.00	53.90 -1.27 0.00	63.08 -1.34 -8.71	80.94 -1.43 -14.32	124.21 -1.60 -36.92	221.24 -2.42 -96.42	94.84 -2.18 -6.37	61.60 -2.50 0.00	48.27 -1.80 0.00	44.36 -1.56 0.00	44.21 -1.56 0.00	42.30 -1.62 0.00	39.65 -1.40 0.00	42.92 -1.37 0.00	49.44 -1.53 0.00	61.39 -2.42 0.00	84.75 -3.08 0.00	100.93 -2.80 0.00	87.75 -3.09 0.00	68.46 -1.54 0.00	64.31 -1.58 0.00	55.35 -1.36 0.00
LOWER___HUDSON 24059	61.94 0.85 0.00	54.95 0.81 0.00	55.53 0.87 0.00	56.00 0.83 0.00	56.31 0.61 0.00	69.00 0.95 0.00	90.39 1.51 0.00	129.27 2.03 0.00	92.19 1.54 0.00	65.06 0.96 0.00	50.52 0.45 0.00	46.47 0.55 0.00	46.31 0.55 0.00	44.59 0.66 0.00	41.62 0.57 0.00	45.09 0.80 0.00	52.08 1.12 0.00	65.62 1.72 -0.08	90.20 2.37 0.00	105.91 2.18 0.00	93.19 2.36 0.00	71.90 1.89 0.00	67.67 1.78 0.00	58.13 1.42 0.00
LOWVILLE_115KV_TB2 356335	61.27 0.18 0.00	54.19 0.05 0.00	54.72 0.05 0.00	55.56 0.39 0.00	58.88 0.56 -2.62	73.72 1.36 -4.31	102.76 2.76 -11.12	160.87 3.82 -29.81	94.52 1.90 -1.97	64.42 0.32 0.00	49.82 -0.25 0.00	45.69 -0.23 0.00	45.35 -0.41 0.00	43.49 -0.44 0.00	40.88 -0.16 0.00	44.42 0.13 0.00	51.22 0.25 0.00	64.51 0.70 0.00	89.58 1.76 0.00	106.43 2.70 0.00	92.56 1.73 0.00	71.33 1.33 0.00	66.22 0.33 0.00	56.31 -0.40 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	62.73 1.65 0.00	55.65 1.52 0.00	56.25 1.59 0.00	56.83 1.66 0.00	57.15 1.45 0.00	70.09 2.04 0.00	92.08 3.20 0.00	131.95 4.71 0.00	93.55 2.90 0.00	65.83 1.73 0.00	50.97 0.90 0.00	46.74 0.83 0.00	46.63 0.87 0.00	44.76 0.83 0.00	41.78 0.74 0.00	45.31 1.02 0.00	52.49 1.53 0.00	66.31 2.42 -0.08	91.51 3.69 0.00	107.78 4.05 0.00	94.56 3.72 0.00	72.80 2.80 0.00	68.46 2.57 0.00	58.64 1.93 0.00
LUTHERNY_35_KV_BK2 355980	62.79 1.71 0.00	55.65 1.52 0.00	56.30 1.64 0.00	56.83 1.66 0.00	57.20 1.50 0.00	70.16 2.11 0.00	92.17 3.29 0.00	132.07 4.84 0.00	93.55 2.90 0.00	65.89 1.79 0.00	50.97 0.90 0.00	46.79 0.87 0.00	46.68 0.92 0.00	44.76 0.83 0.00	41.78 0.74 0.00	45.35 1.06 0.00	52.54 1.58 0.00	66.37 2.49 -0.08	91.60 3.78 0.00	107.88 4.15 0.00	94.65 3.82 0.00	72.87 2.87 0.00	68.53 2.64 0.00	58.64 1.93 0.00
LWR__OSWEGATCHIE_HYD 23850	60.41 -0.67 0.00	53.43 -0.70 0.00	53.95 -0.71 0.00	54.56 -0.61 0.00	61.26 -0.45 -6.00	77.78 -0.14 -9.87	114.41 0.09 -25.44	194.09 0.13 -66.72	94.42 -0.63 -4.41	62.56 -1.54 0.00	48.62 -1.45 0.00	44.68 -1.24 0.00	44.39 -1.37 0.00	42.61 -1.32 0.00	40.02 -1.03 0.00	43.40 -0.89 0.00	49.95 -1.02 0.00	62.53 -1.28 0.00	86.59 -1.23 0.00	103.11 -0.62 0.00	89.66 -1.18 0.00	69.72 -0.28 0.00	65.10 -0.79 0.00	55.80 -0.91 0.00
LYONS_FALL_HYD 23570	61.63 0.55 0.00	54.57 0.43 0.00	55.10 0.44 0.00	55.84 0.66 0.00	58.23 0.78 -1.75	72.35 1.43 -2.87	98.87 2.58 -7.40	150.88 3.30 -20.34	93.98 1.99 -1.34	64.74 0.64 0.00	50.17 0.10 0.00	46.06 0.14 0.00	45.72 -0.05 0.00	43.80 -0.13 0.00	41.13 0.08 0.00	44.69 0.40 0.00	51.47 0.51 0.00	64.77 0.96 0.00	89.75 1.93 0.00	106.42 2.69 0.00	92.75 1.91 0.00	71.48 1.47 0.00	66.62 0.73 0.00	56.88 0.17 0.00
MADISON__COUNTY_LFGE 323628	62.43 1.34 0.00	55.27 1.14 0.00	55.86 1.20 0.00	56.50 1.32 0.00	57.56 1.34 -0.52	70.74 1.84 -0.86	93.85 2.76 -2.21	136.47 4.33 -4.90	93.69 2.72 -0.32	65.57 1.47 0.00	50.97 0.90 0.00	46.70 0.78 0.00	46.40 0.64 0.00	44.50 0.57 0.00	41.70 0.66 0.00	45.04 0.75 0.00	51.83 0.87 0.00	65.15 1.34 0.00	90.19 2.37 0.00	106.74 3.01 0.00	93.29 2.45 0.00	71.75 1.75 0.00	67.28 1.38 0.00	57.84 1.13 0.00
MALONE__115KV_TB1 356076	61.08 0.00 0.00	54.14 0.00 0.00	54.66 0.00 0.00	54.90 -0.28 0.00	58.50 0.22 -2.58	72.42 0.14 -4.24	99.90 0.09 -10.93	156.36 0.51 -28.61	92.63 0.09 -1.89	63.39 -0.71 0.00	50.02 -0.05 0.00	45.69 -0.23 0.00	45.53 -0.23 0.00	43.84 -0.09 0.00	40.96 -0.08 0.00	44.29 0.00 0.00	51.02 0.05 0.00	63.30 -0.51 0.00	86.86 -0.97 0.00	103.32 -0.41 0.00	90.02 -0.82 0.00	69.86 -0.14 0.00	65.69 -0.20 0.00	56.88 0.17 0.00
MAPLEWOD_115KV_TB3 80458	61.88 0.79 0.00	54.95 0.81 0.00	55.48 0.82 0.00	56.00 0.83 0.00	56.31 0.61 0.00	68.93 0.88 0.00	90.40 1.51 0.00	129.27 2.04 0.00	92.28 1.63 0.00	65.25 1.15 0.00	50.62 0.55 0.00	46.56 0.64 0.00	46.45 0.69 0.00	44.68 0.75 0.00	41.74 0.70 0.00	45.18 0.89 0.00	52.09 1.12 0.00	65.62 1.72 -0.08	90.02 2.20 0.00	105.81 2.07 0.00	93.02 2.18 0.00	71.75 1.75 0.00	67.61 1.71 0.00	57.90 1.19 0.00
MAPLE_RIDGE_WT_1 323574	60.84 -0.24 0.00	53.92 -0.22 0.00	54.39 -0.27 0.00	54.95 -0.22 0.00	55.29 -0.17 0.25	67.37 -0.27 0.41	87.56 -0.27 1.06	124.26 -0.25 2.72	90.20 -0.27 0.18	63.84 -0.26 0.00	49.92 -0.15 0.00	45.78 -0.14 0.00	45.67 -0.09 0.00	43.80 -0.13 0.00	40.96 -0.08 0.00	44.20 -0.09 0.00	50.86 -0.10 0.00	63.49 -0.32 0.00	87.39 -0.44 0.00	103.32 -0.41 0.00	90.38 -0.45 0.00	69.73 -0.28 0.00	65.63 -0.26 0.00	56.54 -0.17 0.00
MAPLE_RIDGE_WT_2 323611	60.84 -0.24 0.00	53.92 -0.22 0.00	54.39 -0.27 0.00	54.95 -0.22 0.00	55.29 -0.17 0.25	67.37 -0.27 0.41	87.56 -0.27 1.06	124.26 -0.25 2.72	90.20 -0.27 0.18	63.84 -0.26 0.00	49.92 -0.15 0.00	45.78 -0.14 0.00	45.67 -0.09 0.00	43.80 -0.13 0.00	40.96 -0.08 0.00	44.20 -0.09 0.00	50.86 -0.10 0.00	63.49 -0.32 0.00	87.39 -0.44 0.00	103.32 -0.41 0.00	90.38 -0.45 0.00	69.73 -0.28 0.00	65.63 -0.26 0.00	56.54 -0.17 0.00
MARBLE_RIVER_WT_PWR 323696	60.47 -0.61 0.00	53.38 -0.76 0.00	53.84 -0.82 0.00	54.40 -0.77 0.00	54.70 -0.61 0.39	66.46 -0.95 0.64	86.18 -1.06 1.64	121.78 -1.27 4.19	89.38 -1.00 0.28	63.01 -1.09 0.00	49.82 -0.25 0.00	45.69 -0.23 0.00	45.58 -0.18 0.00	43.71 -0.22 0.00	40.84 -0.20 0.00	44.11 -0.18 0.00	50.81 -0.15 0.00	62.79 -1.02 0.00	86.15 -1.67 0.00	102.28 -1.45 0.00	89.20 -1.63 0.00	68.96 -1.05 0.00	65.03 -0.86 0.00	56.25 -0.46 0.00
MARSHVLE_115KV_TB1 80742	63.40 2.32 0.00	56.09 1.95 0.00	56.74 2.08 0.00	57.38 2.21 0.00	57.87 2.17 0.00	71.25 3.20 0.00	94.13 5.24 0.00	134.62 7.38 0.00	93.28 2.63 0.00	64.48 0.38 0.00	49.57 -0.50 0.00	45.46 -0.46 0.00	45.35 -0.41 0.00	43.40 -0.53 0.00	40.55 -0.49 0.00	44.07 -0.22 0.00	51.42 0.46 0.00	65.66 1.85 0.00	92.30 4.48 0.00	109.85 6.12 0.00	96.11 5.27 0.00	73.78 3.78 0.00	69.05 3.16 0.00	58.92 2.21 0.00
MARSH_HILL_WT_PWR 323713	59.68 -1.40 0.00	53.33 -0.81 0.00	54.12 -0.55 0.00	54.84 -0.33 0.00	55.70 0.00 0.00	67.30 -0.75 0.00	87.64 -1.24 0.00	123.93 -3.31 0.00	86.75 -3.90 0.00	61.41 -2.69 0.00	48.47 -1.60 0.00	43.81 -2.11 0.00	43.29 -2.47 0.00	41.51 -2.42 0.00	38.79 -2.26 0.00	41.68 -2.61 0.00	47.25 -3.72 0.00	59.06 -4.60 0.15	82.57 -5.18 0.08	98.44 -5.29 0.00	85.99 -4.82 0.03	65.66 -4.34 0.00	61.54 -4.35 0.00	54.10 -2.61 0.00
MCINTYRE_115KV_TB2 80467	61.69 0.61 0.00	54.62 0.49 0.00	55.15 0.49 0.00	55.56 0.39 0.00	66.93 0.84 -10.39	86.16 1.02 -17.09	134.35 1.42 -44.05	244.08 1.91 -114.93	98.48 0.18 -7.65	63.20 -0.90 0.00	49.57 -0.50 0.00	45.28 -0.64 0.00	45.03 -0.73 0.00	43.36 -0.57 0.00	40.63 -0.41 0.00	43.98 -0.31 0.00	50.76 -0.20 0.00	63.11 -0.70 0.00	87.21 -0.61 0.00	104.04 0.31 0.00	90.56 -0.27 0.00	70.42 0.42 0.00	66.09 0.20 0.00	57.11 0.40 0.00
MECO____69_KV_BK1 80468	64.56 3.48 0.00	57.11 2.98 0.00	57.78 3.12 0.00	58.43 3.26 0.00	58.93 3.23 0.00	72.67 4.63 0.00	95.91 7.02 0.00	137.29 10.05 0.00	95.00 4.35 0.00	65.64 1.54 0.00	50.22 0.15 0.00	46.01 0.09 0.00	45.90 0.14 0.00	43.93 0.00 0.00	41.00 -0.04 0.00	44.64 0.35 0.00	52.19 1.22 0.00	66.87 3.06 0.00	94.15 6.32 0.00	111.93 8.19 0.00	98.01 7.18 0.00	75.18 5.18 0.00	70.37 4.48 0.00	60.00 3.29 0.00
MENANDS__115KV_TB5 355628	61.63 0.55 0.00	54.68 0.54 0.00	55.21 0.55 0.00	55.72 0.55 0.00	56.03 0.33 0.00	68.59 0.54 0.00	89.95 1.07 0.00	128.51 1.27 0.00	91.92 1.27 0.00	64.99 0.90 0.00	50.47 0.40 0.00	46.42 0.51 0.00	46.36 0.59 0.00	44.59 0.66 0.00	41.66 0.62 0.00	45.04 0.75 0.00	51.93 0.97 0.00	65.36 1.47 -0.09	89.58 1.76 0.00	105.18 1.45 0.00	92.47 1.64 0.00	71.40 1.40 0.00	67.28 1.38 0.00	57.67 0.96 0.00

MG INDUSTRY___DRP 24185	62.24 1.16 0.00	55.22 1.08 0.00	55.81 1.15 0.00	56.33 1.16 0.00	56.70 1.00 0.00	69.41 1.36 0.00	90.84 1.96 0.00	129.78 2.54 0.00	92.37 1.72 0.00	65.12 1.03 0.00	50.57 0.50 0.00	46.47 0.55 0.00	46.36 0.59 0.00	44.59 0.66 0.00	41.62 0.57 0.00	45.00 0.71 0.00	51.98 1.02 0.00	65.41 1.53 -0.07	90.02 2.20 0.00	106.12 2.39 0.00	93.11 2.27 0.00	71.75 1.75 0.00	67.67 1.78 0.00	58.07 1.36 0.00
MID___OSWEGATCHIE_HYD 23849	60.41 -0.67 0.00	53.43 -0.70 0.00	53.95 -0.71 0.00	54.56 -0.61 0.00	61.26 -0.45 -6.00	77.78 -0.14 -9.87	114.41 0.09 -25.44	194.09 0.13 -66.72	94.42 -0.63 -4.41	62.56 -1.54 0.00	48.62 -1.45 0.00	44.68 -1.24 0.00	44.39 -1.37 0.00	42.61 -1.32 0.00	40.02 -1.03 0.00	43.40 -0.89 0.00	49.95 -1.02 0.00	62.53 -1.28 0.00	86.59 -1.23 0.00	103.11 -0.62 0.00	89.66 -1.18 0.00	69.72 -0.28 0.00	65.10 -0.79 0.00	55.80 -0.91 0.00
MID___RAQUETTE_HYD 23851	59.86 -1.22 0.00	53.00 -1.14 0.00	53.51 -1.15 0.00	53.90 -1.27 0.00	63.24 -1.17 -8.71	81.08 -1.29 -14.32	124.20 -1.60 -36.92	221.50 -2.16 -96.42	94.84 -2.18 -6.37	61.60 -2.50 0.00	48.27 -1.80 0.00	44.22 -1.70 0.00	43.98 -1.78 0.00	42.30 -1.63 0.00	39.65 -1.40 0.00	42.92 -1.37 0.00	49.44 -1.53 0.00	61.45 -2.36 0.00	84.75 -3.07 0.00	100.93 -2.80 0.00	87.75 -3.09 0.00	68.46 -1.54 0.00	64.31 -1.58 0.00	55.46 -1.25 0.00
MILLIKEN___1 23584	62.06 0.98 0.00	55.00 0.87 0.00	55.59 0.93 0.00	56.16 0.99 0.00	56.81 1.11 0.00	69.27 1.22 0.00	90.84 1.96 0.00	130.17 2.93 0.00	91.83 1.18 0.00	64.74 0.64 0.00	50.52 0.45 0.00	46.15 0.23 0.00	45.85 0.09 0.00	43.97 0.04 0.00	41.09 0.04 0.00	44.38 0.09 0.00	50.97 0.00 0.00	63.99 0.26 0.08	88.88 1.05 0.00	105.39 1.66 0.00	92.20 1.36 0.00	70.84 0.84 0.00	66.49 0.59 0.00	57.45 0.74 0.00
MILLIKEN___2 23585	62.06 0.98 0.00	55.00 0.87 0.00	55.59 0.93 0.00	56.16 0.99 0.00	56.81 1.11 0.00	69.27 1.22 0.00	90.84 1.96 0.00	130.17 2.93 0.00	91.83 1.18 0.00	64.74 0.64 0.00	50.52 0.45 0.00	46.15 0.23 0.00	45.85 0.09 0.00	43.97 0.04 0.00	41.09 0.04 0.00	44.38 0.09 0.00	50.97 0.00 0.00	63.99 0.26 0.08	88.88 1.05 0.00	105.39 1.66 0.00	92.20 1.36 0.00	70.84 0.84 0.00	66.49 0.59 0.00	57.45 0.74 0.00
MILLIKEN___DIESEL 23629	62.06 0.98 0.00	55.00 0.87 0.00	55.59 0.93 0.00	56.16 0.99 0.00	56.81 1.11 0.00	69.27 1.22 0.00	90.84 1.96 0.00	130.17 2.93 0.00	91.83 1.18 0.00	64.74 0.64 0.00	50.52 0.45 0.00	46.15 0.23 0.00	45.85 0.09 0.00	43.97 0.04 0.00	41.09 0.04 0.00	44.38 0.09 0.00	50.97 0.00 0.00	63.99 0.26 0.08	88.88 1.05 0.00	105.39 1.66 0.00	92.20 1.36 0.00	70.84 0.84 0.00	66.49 0.59 0.00	57.45 0.74 0.00
MILLSEAT___LFGE 323607	58.21 -2.87 0.00	51.81 -2.33 0.00	52.31 -2.35 0.00	52.96 -2.21 0.00	53.36 -2.34 0.00	64.10 -3.95 0.00	82.93 -5.95 0.00	117.05 -10.18 0.00	82.22 -8.43 0.00	58.46 -5.64 0.00	46.56 -3.51 0.00	42.01 -3.90 0.00	41.51 -4.25 0.00	39.67 -4.26 0.00	37.23 -3.82 0.00	40.08 -4.21 0.00	45.51 -5.45 0.00	57.03 -6.51 0.27	78.82 -8.78 0.22	93.67 -10.06 0.00	81.73 -8.99 0.11	62.78 -7.21 0.01	59.24 -6.65 0.00	52.63 -4.08 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	63.04 1.95 0.00	55.81 1.68 0.00	56.30 1.64 0.00	56.77 1.60 0.00	57.20 1.50 0.00	70.02 1.97 0.00	92.44 3.56 0.00	133.09 5.85 0.00	95.27 4.62 0.00	67.69 3.59 0.00	52.78 2.70 0.00	48.76 2.85 0.00	48.55 2.79 0.00	46.57 2.64 0.00	43.38 2.34 0.00	46.68 2.39 0.00	53.87 2.90 0.00	67.89 3.64 -0.44	92.48 4.65 0.00	109.12 5.39 0.00	95.47 4.63 0.00	73.50 3.50 0.00	69.12 3.23 0.00	58.86 2.15 0.00
MILLWOOD_13_KV_LOAD 356217	63.22 2.14 0.00	55.92 1.79 0.00	56.47 1.80 0.00	56.94 1.77 0.00	57.32 1.62 0.00	70.22 2.18 0.00	92.71 3.82 0.00	133.60 6.36 0.00	95.45 4.80 0.00	67.82 3.72 0.00	52.88 2.80 0.00	48.86 2.94 0.00	48.65 2.88 0.00	46.65 2.72 0.00	43.47 2.42 0.00	46.77 2.48 0.00	53.97 3.01 0.00	68.02 3.76 -0.44	92.65 4.83 0.00	109.44 5.71 0.00	95.74 4.91 0.00	73.71 3.71 0.00	69.32 3.43 0.00	59.03 2.33 0.00
MODEL_CITY_ENERGY 24167	56.19 -4.89 0.00	50.08 -4.06 0.00	50.56 -4.10 0.00	51.15 -4.03 0.00	51.52 -4.18 0.00	61.58 -6.47 0.00	79.11 -9.78 0.00	111.08 -16.16 0.00	78.14 -12.51 0.00	55.89 -8.21 0.00	44.76 -5.31 0.00	40.36 -5.56 0.00	39.81 -5.95 0.00	38.13 -5.80 0.00	35.79 -5.25 0.00	38.53 -5.76 0.00	43.52 -7.44 0.00	54.38 -9.13 0.30	75.01 -12.56 0.25	89.00 -14.73 0.00	77.64 -13.08 0.12	59.70 -10.29 0.01	56.54 -9.36 0.00	50.53 -6.18 0.00
MODERN_LFGE___ 323580	56.19 -4.89 0.00	50.08 -4.06 0.00	50.56 -4.10 0.00	51.15 -4.03 0.00	51.52 -4.18 0.00	61.58 -6.47 0.00	79.11 -9.78 0.00	111.08 -16.16 0.00	78.14 -12.51 0.00	55.89 -8.21 0.00	44.76 -5.31 0.00	40.36 -5.56 0.00	39.81 -5.95 0.00	38.13 -5.80 0.00	35.79 -5.25 0.00	38.53 -5.76 0.00	43.52 -7.44 0.00	54.38 -9.13 0.30	75.01 -12.56 0.25	89.00 -14.73 0.00	77.64 -13.08 0.12	59.70 -10.29 0.01	56.54 -9.36 0.00	50.53 -6.18 0.00
MOHAWK_PAPER___DRP 24187	61.88 0.79 0.00	54.95 0.81 0.00	55.48 0.82 0.00	56.00 0.83 0.00	56.31 0.61 0.00	68.93 0.88 0.00	90.40 1.51 0.00	129.27 2.04 0.00	92.28 1.63 0.00	65.25 1.15 0.00	50.62 0.55 0.00	46.56 0.64 0.00	46.45 0.69 0.00	44.68 0.75 0.00	41.74 0.70 0.00	45.18 0.89 0.00	52.09 1.12 0.00	65.62 1.72 -0.08	90.02 2.20 0.00	105.81 2.07 0.00	93.02 2.18 0.00	71.75 1.75 0.00	67.61 1.71 0.00	57.90 1.19 0.00
MOHICAN_35_KV_115KV_LD 80490	62.30 1.22 0.00	55.27 1.14 0.00	55.92 1.26 0.00	56.50 1.32 0.00	56.87 1.17 0.00	69.82 1.77 0.00	92.00 3.11 0.00	131.95 4.71 0.00	93.28 2.63 0.00	65.44 1.35 0.00	50.52 0.45 0.00	46.29 0.37 0.00	46.17 0.41 0.00	44.28 0.35 0.00	41.29 0.25 0.00	44.91 0.62 0.00	52.14 1.17 0.00	66.06 2.17 -0.07	91.34 3.51 0.00	107.67 3.94 0.00	94.47 3.63 0.00	72.66 2.66 0.00	68.20 2.31 0.00	58.30 1.59 0.00
MONGAUP___HYD 23641	62.79 1.71 0.00	55.76 1.62 0.00	56.36 1.70 0.00	56.77 1.60 0.00	57.32 1.62 0.00	69.95 1.90 0.00	91.55 2.66 0.00	131.81 4.57 0.00	93.46 2.81 0.00	65.96 1.86 0.00	51.57 1.50 0.00	47.52 1.61 0.00	47.32 1.56 0.00	45.47 1.54 0.00	42.44 1.40 0.00	45.71 1.42 0.00	52.90 1.94 0.00	65.10 2.23 0.94	91.07 3.25 0.00	107.88 4.15 0.00	94.38 3.54 0.00	72.60 2.59 0.00	68.72 2.83 0.00	58.47 1.76 0.00
MONTAUK___DIESEL 23721	64.76 3.66 -0.01	57.29 3.14 -0.01	57.45 2.79 0.00	57.82 2.65 0.00	58.60 2.90 0.00	71.79 3.74 0.00	94.13 5.24 0.00	130.93 3.69 0.00	95.54 4.90 0.00	68.90 4.81 0.00	54.69 4.61 -0.01	50.29 4.36 -0.01	49.94 4.16 -0.01	47.49 3.56 0.00	44.00 2.96 0.00	47.75 3.45 0.00	55.66 4.69 -0.01	70.44 6.19 -0.44	95.47 7.64 -0.01	111.93 8.19 0.00	97.20 6.36 0.00	86.55 6.72 -9.82	77.68 6.52 -5.26	61.71 4.99 -0.01

MOONROAD_115KV_HARTFLD_TB1-2 355988	59.49 -1.59 0.00	53.22 -0.92 0.00	53.73 -0.93 0.00	54.51 -0.66 0.00	54.98 -0.72 0.00	66.35 -1.70 0.00	85.95 -2.93 0.00	120.50 -6.74 0.00	84.03 -6.62 0.00	60.00 -4.10 0.00	47.72 -2.35 0.00	43.03 -2.89 0.00	42.33 -3.43 0.00	40.50 -3.43 0.00	37.97 -3.08 0.00	40.79 -3.50 0.00	46.02 -4.94 0.00	56.72 -6.83 0.27	79.71 -7.90 0.20	95.22 -8.51 0.00	82.67 -8.08 0.09	63.14 -6.86 0.01	59.17 -6.72 0.00	52.51 -4.20 0.00
MORRIS_RIDGE___SOLAR 323848	59.19 -1.89 0.00	52.79 -1.35 0.00	53.41 -1.26 0.00	54.07 -1.10 0.00	54.70 -1.00 0.00	65.94 -2.11 0.00	85.60 -3.29 0.00	120.75 -6.48 0.00	84.58 -6.07 0.00	59.87 -4.23 0.00	47.37 -2.70 0.00	42.89 -3.03 0.00	42.38 -3.39 0.00	40.63 -3.30 0.00	38.01 -3.04 0.00	40.92 -3.37 0.00	46.48 -4.49 0.00	57.99 -5.62 0.21	81.01 -6.68 0.14	96.67 -7.06 0.00	84.33 -6.45 0.06	64.54 -5.46 0.01	60.69 -5.21 0.00	53.42 -3.29 0.00
MORTIMER_115KV_TB3 55949	59.49 -1.59 0.00	52.78 -1.35 0.00	53.24 -1.42 0.00	53.90 -1.27 0.00	54.36 -1.34 0.00	66.14 -1.91 0.00	86.13 -2.76 0.00	123.17 -4.07 0.00	87.11 -3.54 0.00	61.73 -2.37 0.00	48.72 -1.35 0.00	44.26 -1.65 0.00	43.93 -1.83 0.00	42.04 -1.89 0.00	39.36 -1.68 0.00	42.43 -1.86 0.00	48.52 -2.45 0.00	61.14 -2.74 -0.07	84.12 -3.78 -0.07	99.37 -4.36 0.00	86.96 -3.91 -0.03	66.79 -3.22 0.00	62.86 -3.03 0.00	54.67 -2.04 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	63.46 2.38 0.00	56.14 2.00 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.54 1.84 0.00	70.43 2.38 0.00	93.15 4.27 0.00	134.11 6.87 0.00	96.09 5.44 0.00	68.33 4.23 0.00	53.33 3.25 0.00	49.22 3.31 0.00	49.01 3.25 0.00	47.05 3.12 0.00	43.75 2.71 0.00	47.08 2.79 0.00	54.33 3.36 0.00	68.39 4.15 -0.43	93.09 5.27 0.00	109.95 6.22 0.00	96.11 5.27 0.00	73.99 3.99 0.00	69.52 3.62 0.00	59.15 2.44 0.00
MUNSVILLE_WIND_PWR 323609	64.62 3.54 0.00	57.28 3.14 0.00	57.94 3.28 0.00	58.92 3.75 0.00	59.66 3.96 0.00	73.15 5.11 0.00	96.71 7.82 0.00	138.44 11.20 0.00	97.72 7.08 0.00	67.94 3.85 0.00	52.33 2.26 0.00	47.85 1.93 0.00	47.27 1.51 0.00	45.20 1.27 0.00	42.56 1.52 0.00	46.19 1.90 0.00	53.36 2.40 0.00	67.15 3.51 0.16	93.88 6.06 0.00	111.30 7.57 0.00	97.10 6.26 0.00	74.13 4.13 0.00	69.25 3.36 0.00	59.54 2.83 0.00
N SALMON___HYD 24042	61.08 0.00 0.00	53.92 -0.22 0.00	54.34 -0.33 0.00	54.90 -0.27 0.00	58.22 -0.06 -2.58	72.15 -0.14 -4.24	99.90 0.09 -10.93	156.23 0.38 -28.61	92.63 0.09 -1.89	63.39 -0.70 0.00	50.02 -0.05 0.00	45.87 -0.05 0.00	45.76 0.00 0.00	43.84 -0.09 0.00	40.96 -0.08 0.00	44.29 0.00 0.00	51.02 0.05 0.00	63.17 -0.64 0.00	86.86 -0.96 0.00	103.32 -0.41 0.00	90.02 -0.82 0.00	69.86 -0.14 0.00	65.69 -0.20 0.00	56.65 -0.06 0.00
N.AKRON___115KV_KNAPP 355671	57.72 -3.36 0.00	51.38 -2.76 0.00	51.82 -2.84 0.00	52.58 -2.59 0.00	52.80 -2.90 0.00	63.83 -4.22 0.00	82.48 -6.40 0.00	116.30 -10.94 0.00	81.76 -8.88 0.00	58.20 -5.90 0.00	46.47 -3.61 0.00	41.92 -3.99 0.00	41.37 -4.39 0.00	39.58 -4.35 0.00	37.15 -3.90 0.00	39.99 -4.30 0.00	45.36 -5.61 0.00	56.74 -6.76 0.30	78.44 -9.13 0.25	93.25 -10.48 0.00	81.36 -9.36 0.12	62.50 -7.49 0.01	59.04 -6.85 0.00	52.51 -4.20 0.00
N.E._GEN_SANDY PD 24062	62.00 0.92 0.00	55.00 0.86 0.00	55.53 0.87 0.00	56.00 0.83 0.00	56.31 0.61 0.00	68.87 0.82 0.00	90.22 1.34 0.00	129.02 1.78 0.00	91.42 1.63 0.86	66.24 1.28 -0.86	50.87 0.80 0.00	46.88 0.97 0.00	46.72 0.96 0.00	44.98 1.05 0.00	41.99 0.94 0.00	45.44 1.15 0.00	52.39 1.43 0.00	66.00 2.04 -0.15	90.37 2.55 0.00	106.01 2.28 0.00	93.29 2.45 0.00	72.04 2.03 0.00	67.87 1.97 0.00	58.24 1.53 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	62.79 1.71 0.00	55.54 1.41 0.00	56.08 1.42 0.00	56.55 1.38 0.00	56.98 1.28 0.00	69.75 1.70 0.00	92.08 3.20 0.00	132.71 5.47 0.00	94.91 4.26 0.00	67.43 3.33 0.00	52.57 2.50 0.00	48.58 2.66 0.00	48.42 2.65 0.00	46.43 2.50 0.00	43.26 2.22 0.00	46.50 2.21 0.00	53.62 2.65 0.00	66.01 3.32 1.12	92.13 4.30 0.00	108.81 5.08 0.00	95.20 4.36 0.00	73.29 3.29 0.00	68.86 2.97 0.00	58.64 1.93 0.00
N.QUEENS_27_KV_LOAD 356247	63.77 2.69 0.00	56.30 2.17 0.00	56.74 2.08 0.00	57.16 1.99 0.00	57.65 1.95 0.00	70.09 2.04 0.00	92.53 3.64 0.00	133.73 6.49 0.00	95.91 5.26 0.00	68.33 4.23 0.00	53.38 3.30 0.00	49.27 3.35 0.00	49.06 3.29 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.08 2.79 0.00	54.38 3.41 0.00	68.13 3.89 -0.43	92.74 4.92 0.00	109.75 6.02 0.00	95.83 5.00 0.00	73.71 3.71 0.00	69.25 3.36 0.00	59.15 2.44 0.00
N.TROY___115KV_TB1 355778	61.94 0.86 0.00	54.95 0.81 0.00	55.48 0.82 0.00	56.05 0.88 0.00	56.31 0.61 0.00	69.00 0.95 0.00	90.40 1.51 0.00	129.15 1.91 0.00	92.19 1.54 0.00	65.12 1.03 0.00	50.52 0.45 0.00	46.47 0.55 0.00	46.36 0.59 0.00	44.59 0.66 0.00	41.62 0.57 0.00	45.09 0.80 0.00	52.09 1.12 0.00	65.62 1.72 -0.08	90.19 2.37 0.00	105.91 2.18 0.00	93.20 2.36 0.00	71.89 1.89 0.00	67.67 1.78 0.00	58.07 1.36 0.00
NARROWS_GT1_1 24228	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NARROWS_GT1_2 24229	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NARROWS_GT1_3 24230	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NARROWS_GT1_4 24231	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00

NARROWS_GT1_5 24232	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NARROWS_GT1_6 24233	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NARROWS_GT1_7 24234	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NARROWS_GT1_8 24235	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NARROWS_GT2_1 24236	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NARROWS_GT2_2 24237	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NARROWS_GT2_3 24238	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NARROWS_GT2_4 24239	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NARROWS_GT2_5 24240	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NARROWS_GT2_6 24241	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NARROWS_GT2_7 24242	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NARROWS_GT2_8 24243	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	62.73 1.65 0.00	55.76 1.62 0.00	56.41 1.75 0.00	56.94 1.77 0.00	57.32 1.62 0.00	70.43 2.38 0.00	92.53 3.64 0.00	131.95 4.71 0.00	93.55 2.90 0.00	65.51 1.41 0.00	50.47 0.40 0.00	46.33 0.41 0.00	46.27 0.50 0.00	44.46 0.53 0.00	41.54 0.49 0.00	44.95 0.66 0.00	52.19 1.22 0.00	65.92 2.11 0.00	91.16 3.34 0.00	107.57 3.84 0.00	94.47 3.63 0.00	72.73 2.73 0.00	68.46 2.57 0.00	58.69 1.98 0.00
NCHELSEA_115KV_TR2 355582	63.65 2.57 0.00	56.36 2.22 0.00	56.96 2.30 0.00	57.43 2.26 0.00	57.87 2.17 0.00	71.04 2.99 0.00	93.60 4.71 0.00	134.75 7.51 0.00	96.27 5.62 0.00	68.07 3.97 0.00	52.88 2.80 0.00	48.81 2.89 0.00	48.60 2.84 0.00	46.61 2.68 0.00	43.42 2.38 0.00	46.77 2.48 0.00	54.12 3.16 0.00	68.03 4.08 -0.13	93.27 5.45 0.00	110.16 6.43 0.00	96.47 5.63 0.00	74.20 4.20 0.00	69.78 3.89 0.00	59.43 2.72 0.00
NEG CAPITAL__MECHNVIL 23645	62.85 1.77 0.00	55.76 1.62 0.00	56.36 1.70 0.00	56.88 1.71 0.00	57.26 1.56 0.00	70.22 2.18 0.00	92.26 3.38 0.00	132.20 4.96 0.00	93.73 3.08 0.00	66.02 1.92 0.00	51.12 1.05 0.00	46.88 0.97 0.00	46.77 1.01 0.00	44.89 0.97 0.00	41.91 0.86 0.00	45.49 1.20 0.00	52.70 1.73 0.00	66.57 2.68 -0.08	91.78 3.96 0.00	108.09 4.36 0.00	94.83 3.99 0.00	73.08 3.08 0.00	68.66 2.77 0.00	58.81 2.10 0.00

NEG CENTRAL_HIGH_ACRES 23767	59.13 -1.96 0.00	52.46 -1.68 0.00	52.97 -1.69 0.00	53.57 -1.60 0.00	54.08 -1.62 0.00	65.80 -2.24 0.00	85.86 -3.02 0.00	122.91 -4.33 0.00	87.02 -3.63 0.00	61.60 -2.50 0.00	48.42 -1.65 0.00	44.03 -1.88 0.00	43.75 -2.01 0.00	41.87 -2.06 0.00	39.16 -1.89 0.00	42.25 -2.04 0.00	48.37 -2.60 0.00	60.92 -2.93 -0.04	83.91 -3.95 -0.04	99.17 -4.56 0.00	86.77 -4.09 -0.02	66.72 -3.29 0.00	62.66 -3.23 0.00	54.38 -2.33 0.00
NEG CENTRAL___DRP 24199	60.84 -0.24 0.00	54.03 -0.11 0.00	54.55 -0.11 0.00	55.17 0.00 0.00	55.81 0.11 0.00	67.78 -0.27 0.00	88.71 -0.18 0.00	126.98 -0.25 0.00	89.47 -1.18 0.00	63.46 -0.64 0.00	49.82 -0.25 0.00	45.37 -0.55 0.00	45.12 -0.64 0.00	43.18 -0.75 0.00	40.35 -0.70 0.00	43.58 -0.71 0.00	49.95 -1.02 0.00	62.62 -1.15 0.05	86.59 -1.23 0.00	102.59 -1.14 0.00	89.84 -1.00 0.00	69.09 -0.91 0.00	64.97 -0.92 0.00	56.26 -0.45 0.00
NEG CENTRAL___INDECK 23768	61.63 0.55 0.00	54.84 0.70 0.00	55.37 0.71 0.00	56.05 0.88 0.00	56.76 1.06 0.00	68.93 0.88 0.00	90.04 1.15 0.00	128.01 0.77 0.00	89.47 -1.18 0.00	63.01 -1.09 0.00	49.47 -0.60 0.00	44.68 -1.24 0.00	44.21 -1.56 0.00	42.35 -1.58 0.00	39.61 -1.44 0.00	42.65 -1.64 0.00	48.72 -2.24 0.00	61.55 -2.17 0.09	85.95 -1.85 0.03	102.49 -1.24 0.00	89.74 -1.09 0.01	68.60 -1.40 0.00	64.31 -1.58 0.00	56.14 -0.57 0.00
NEG CENTRAL___SENECA 23627	60.72 -0.37 0.00	54.03 -0.11 0.00	54.61 -0.05 0.00	55.23 0.06 0.00	55.92 0.22 0.00	67.57 -0.48 0.00	88.44 -0.44 0.00	126.48 -0.76 0.00	88.74 -1.90 0.00	63.14 -0.96 0.00	49.67 -0.40 0.00	45.14 -0.78 0.00	44.80 -0.96 0.00	42.92 -1.01 0.00	40.06 -0.99 0.00	43.36 -0.93 0.00	49.59 -1.38 0.00	62.10 -1.66 0.05	85.89 -1.93 0.00	101.86 -1.87 0.00	89.20 -1.64 0.00	68.67 -1.33 0.00	64.57 -1.32 0.00	56.03 -0.68 0.00
NEG CENTRAL___STATE_STREET 24147	61.08 0.00 0.00	54.14 0.00 0.00	54.66 0.00 0.00	55.23 0.06 0.00	55.81 0.11 0.00	68.12 0.07 0.00	89.24 0.36 0.00	128.00 0.76 0.00	90.56 -0.09 0.00	64.03 -0.06 0.00	50.07 0.00 0.00	45.69 -0.23 0.00	45.49 -0.27 0.00	43.58 -0.35 0.00	40.72 -0.33 0.00	43.94 -0.35 0.00	50.46 -0.51 0.00	63.32 -0.45 0.05	87.56 -0.26 0.00	103.73 0.00 0.00	90.84 0.00 0.00	69.86 -0.14 0.00	65.56 -0.33 0.00	56.60 -0.11 0.00
NEG MILLWOOD___DRP 24198	63.83 2.75 0.00	56.52 2.38 0.00	57.12 2.46 0.00	57.60 2.43 0.00	57.98 2.28 0.00	71.18 3.13 0.00	93.86 4.98 0.00	135.38 8.14 0.00	96.54 5.89 0.00	68.33 4.23 0.00	53.13 3.05 0.00	49.04 3.12 0.00	48.83 3.07 0.00	46.87 2.94 0.00	43.63 2.59 0.00	46.95 2.66 0.00	54.33 3.36 0.00	68.42 4.40 -0.21	93.53 5.71 0.00	110.58 6.85 0.00	96.83 6.00 0.00	74.41 4.41 0.00	70.04 4.15 0.00	59.66 2.95 0.00
NEG NORTH_FLCN_SEA 23793	61.20 0.12 0.00	54.41 0.27 0.00	54.94 0.27 0.00	54.62 -0.55 0.00	55.76 0.06 0.00	66.89 -1.16 0.00	86.57 -2.31 0.00	124.44 -2.80 0.00	88.47 -2.18 0.00	61.92 -2.18 0.00	49.97 -0.10 0.00	45.69 -0.23 0.00	45.53 -0.23 0.00	43.84 -0.09 0.00	40.96 -0.08 0.00	44.25 -0.04 0.00	50.97 0.00 0.00	62.53 -1.28 0.00	84.84 -2.99 0.00	100.72 -3.01 0.00	87.84 -3.00 0.00	67.97 -2.03 0.00	64.51 -1.38 0.00	57.28 0.57 0.00
NEG NORTH_KES_CHATAGAY 23792	60.65 -0.43 0.00	53.81 -0.32 0.00	54.33 -0.33 0.00	54.56 -0.61 0.00	56.15 -0.06 -0.51	68.47 -0.41 -0.83	90.23 -0.80 -2.15	132.18 -0.76 -5.70	90.21 -0.82 -0.38	63.07 -1.03 0.00	49.82 -0.25 0.00	45.60 -0.32 0.00	45.44 -0.32 0.00	43.71 -0.22 0.00	40.88 -0.16 0.00	44.11 -0.18 0.00	50.86 -0.10 0.00	63.05 -0.77 0.00	86.42 -1.41 0.00	102.59 -1.14 0.00	89.47 -1.36 0.00	69.23 -0.77 0.00	65.30 -0.59 0.00	56.65 -0.06 0.00
NEG NORTH___ALICE_FALLS 23915	61.57 0.49 0.00	54.68 0.54 0.00	55.21 0.55 0.00	55.01 -0.17 0.00	56.20 0.50 0.00	67.78 -0.27 0.00	88.00 -0.89 0.00	126.48 -0.76 0.00	89.83 -0.82 0.00	62.82 -1.28 0.00	50.37 0.30 0.00	46.01 0.09 0.00	45.85 0.09 0.00	44.15 0.22 0.00	41.25 0.21 0.00	44.56 0.27 0.00	51.37 0.41 0.00	63.30 -0.51 0.00	86.15 -1.67 0.00	102.49 -1.24 0.00	89.29 -1.54 0.00	69.09 -0.91 0.00	65.36 -0.53 0.00	57.56 0.85 0.00
NEG NORTH___LWR_SARANAC 23913	61.57 0.49 0.00	54.68 0.54 0.00	55.21 0.55 0.00	55.01 -0.17 0.00	56.20 0.50 0.00	67.78 -0.27 0.00	88.00 -0.89 0.00	126.48 -0.76 0.00	89.83 -0.82 0.00	62.82 -1.28 0.00	50.37 0.30 0.00	46.01 0.09 0.00	45.85 0.09 0.00	44.15 0.22 0.00	41.25 0.21 0.00	44.56 0.27 0.00	51.37 0.41 0.00	63.30 -0.51 0.00	86.15 -1.67 0.00	102.49 -1.24 0.00	89.29 -1.54 0.00	69.09 -0.91 0.00	65.36 -0.53 0.00	57.56 0.85 0.00
NEG NORTH___PLATTSBURG 23628	61.57 0.49 0.00	54.08 -0.05 0.00	54.50 -0.16 0.00	55.01 -0.17 0.00	55.48 -0.22 0.00	67.16 -0.89 0.00	88.00 -0.89 0.00	126.35 -0.88 0.00	89.83 -0.82 0.00	62.82 -1.28 0.00	50.37 0.30 0.00	46.15 0.23 0.00	46.08 0.32 0.00	44.15 0.22 0.00	41.25 0.21 0.00	44.56 0.27 0.00	51.32 0.36 0.00	62.98 -0.83 0.00	86.15 -1.67 0.00	102.49 -1.24 0.00	89.29 -1.54 0.00	69.09 -0.91 0.00	65.36 -0.53 0.00	56.99 0.28 0.00
NEG WEST_LEA_LOCKPORT 23791	56.32 -4.76 0.00	50.18 -3.95 0.00	50.67 -3.99 0.00	51.36 -3.81 0.00	51.58 -4.12 0.00	62.06 -5.99 0.00	79.73 -9.16 0.00	111.97 -15.27 0.00	78.77 -11.87 0.00	56.34 -7.76 0.00	45.21 -4.86 0.00	40.78 -5.14 0.00	40.23 -5.54 0.00	38.48 -5.45 0.00	36.12 -4.93 0.00	38.89 -5.40 0.00	43.93 -7.03 0.00	54.58 -8.74 0.49	75.44 -11.94 0.44	89.93 -13.80 0.00	78.45 -12.26 0.13	60.33 -9.66 0.01	57.13 -8.76 0.00	51.21 -5.50 0.00
NEG WEST___LANCASTER 23811	59.49 -1.59 0.00	53.05 -1.08 0.00	53.57 -1.09 0.00	54.34 -0.83 0.00	54.70 -1.00 0.00	65.87 -2.18 0.00	85.24 -3.64 0.00	117.95 -9.29 0.00	82.58 -8.07 0.00	59.10 -5.00 0.00	47.17 -2.90 0.00	42.66 -3.26 0.00	42.06 -3.71 0.00	40.24 -3.69 0.00	37.72 -3.32 0.00	40.53 -3.76 0.00	45.82 -5.15 0.00	55.25 -8.30 0.27	78.84 -8.78 0.21	94.50 -9.23 0.00	82.30 -8.45 0.09	63.21 -6.79 0.01	59.57 -6.33 0.00	53.76 -2.95 0.00
NEG_PENN_ALLEGHNY 23528	61.33 0.25 0.00	54.41 0.27 0.00	54.99 0.33 0.00	55.50 0.33 0.00	56.14 0.44 0.00	68.32 0.27 0.00	89.42 0.54 0.00	127.49 0.25 0.00	90.29 -0.36 0.00	63.91 -0.19 0.00	50.07 0.00 0.00	45.69 -0.23 0.00	45.44 -0.32 0.00	43.58 -0.35 0.00	40.71 -0.33 0.00	44.03 -0.26 0.00	50.46 -0.51 0.00	63.02 -0.64 0.16	87.35 -0.44 0.04	103.52 -0.21 0.00	90.64 -0.18 0.02	69.65 -0.35 0.00	65.50 -0.39 0.00	56.71 0.00 0.00
NEG___GEN_MONROE 24207	59.56 -1.53 0.00	52.84 -1.30 0.00	53.35 -1.31 0.00	54.01 -1.16 0.00	54.48 -1.23 0.00	66.28 -1.77 0.00	86.22 -2.67 0.00	122.79 -4.45 0.00	86.57 -4.08 0.00	61.28 -2.82 0.00	48.37 -1.70 0.00	43.90 -2.02 0.00	43.52 -2.24 0.00	41.65 -2.28 0.00	38.99 -2.05 0.00	41.99 -2.30 0.00	47.86 -3.11 0.00	60.49 -3.38 -0.06	83.40 -4.48 -0.06	98.75 -4.98 0.00	86.50 -4.36 -0.02	66.37 -3.64 0.00	62.53 -3.36 0.00	54.67 -2.04 0.00

NEPA__ENERGY 23901	58.64 -2.44 0.00	52.30 -1.84 0.00	52.80 -1.86 0.00	53.52 -1.66 0.00	53.92 -1.78 0.00	64.85 -3.20 0.00	84.08 -4.80 0.00	118.08 -9.16 0.00	82.49 -8.16 0.00	59.10 -5.00 0.00	47.17 -2.90 0.00	42.61 -3.31 0.00	42.06 -3.71 0.00	40.24 -3.69 0.00	37.72 -3.32 0.00	40.53 -3.76 0.00	45.82 -5.15 0.00	56.47 -7.08 0.26	79.10 -8.52 0.20	94.50 -9.23 0.00	82.31 -8.45 0.08	63.14 -6.86 0.01	59.50 -6.39 0.00	52.85 -3.86 0.00
NEVERSINK__HYD 23608	63.65 2.56 0.00	56.52 2.38 0.00	57.23 2.57 0.00	57.71 2.54 0.00	58.21 2.51 0.00	71.58 3.54 0.00	94.40 5.51 0.00	136.01 8.77 0.00	96.82 6.17 0.00	68.39 4.30 0.00	52.92 2.85 0.00	48.72 2.80 0.00	48.51 2.75 0.00	46.52 2.59 0.00	43.42 2.38 0.00	46.72 2.43 0.00	54.13 3.16 0.00	67.59 4.21 0.43	93.62 5.79 0.00	110.88 7.15 0.00	96.92 6.09 0.00	74.55 4.55 0.00	70.05 4.15 0.00	59.66 2.95 0.00
NEWKRMKL_115KV_TB1 55635	61.45 0.37 0.00	54.57 0.43 0.00	55.10 0.44 0.00	55.61 0.44 0.00	55.92 0.22 0.00	68.39 0.34 0.00	89.77 0.89 0.00	128.26 1.02 0.00	91.74 1.09 0.00	64.87 0.77 0.00	50.37 0.30 0.00	46.38 0.46 0.00	46.27 0.50 0.00	44.54 0.62 0.00	41.62 0.57 0.00	44.95 0.66 0.00	51.83 0.87 0.00	65.17 1.28 -0.09	89.32 1.49 0.00	105.08 1.35 0.00	92.29 1.45 0.00	71.19 1.19 0.00	67.08 1.19 0.00	57.50 0.79 0.00
NEWTON__FALLS_HYD 23847	60.41 -0.67 0.00	53.43 -0.70 0.00	53.95 -0.71 0.00	54.56 -0.61 0.00	61.26 -0.45 -6.00	77.78 -0.14 -9.87	114.41 0.09 -25.44	194.09 0.13 -66.72	94.42 -0.63 -4.41	62.56 -1.54 0.00	48.62 -1.45 0.00	44.68 -1.24 0.00	44.39 -1.37 0.00	42.61 -1.32 0.00	40.02 -1.03 0.00	43.40 -0.89 0.00	49.95 -1.02 0.00	62.53 -1.28 0.00	86.59 -1.23 0.00	103.11 -0.62 0.00	89.66 -1.18 0.00	69.72 -0.28 0.00	65.10 -0.79 0.00	55.80 -0.91 0.00
NGRID_A1_DSASP 323792	56.50 -4.58 0.00	50.35 -3.79 0.00	50.84 -3.83 0.00	51.53 -3.64 0.00	51.80 -3.90 0.00	62.11 -5.92 0.02	79.71 -9.16 0.02	112.08 -15.14 0.02	78.84 -11.78 0.02	56.51 -7.56 0.02	45.29 -4.76 0.02	40.89 -5.01 0.02	40.34 -5.40 0.02	38.64 -5.27 0.02	36.26 -4.76 0.02	39.04 -5.23 0.02	44.12 -6.83 0.02	54.77 -8.74 0.30	75.64 -11.94 0.24	90.02 -13.69 0.02	78.55 -12.17 0.11	60.45 -9.52 0.03	57.31 -8.57 0.02	50.96 -5.73 0.02
NGRID_A2_DSASP 323793	56.50 -4.58 0.00	50.35 -3.79 0.00	50.84 -3.83 0.00	51.53 -3.64 0.00	51.80 -3.90 0.00	62.11 -5.92 0.02	79.71 -9.16 0.02	112.08 -15.14 0.02	78.84 -11.78 0.02	56.51 -7.56 0.02	45.29 -4.76 0.02	40.89 -5.01 0.02	40.34 -5.40 0.02	38.64 -5.27 0.02	36.26 -4.76 0.02	39.04 -5.23 0.02	44.12 -6.83 0.02	54.77 -8.74 0.30	75.64 -11.94 0.24	90.02 -13.69 0.02	78.55 -12.17 0.11	60.45 -9.52 0.03	57.31 -8.57 0.02	50.96 -5.73 0.02
NGRID_A4_DSASP 323807	56.50 -4.58 0.00	50.35 -3.79 0.00	50.84 -3.83 0.00	51.53 -3.64 0.00	51.80 -3.90 0.00	62.11 -5.92 0.02	79.71 -9.16 0.02	112.08 -15.14 0.02	78.84 -11.78 0.02	56.51 -7.56 0.02	45.29 -4.76 0.02	40.89 -5.01 0.02	40.34 -5.40 0.02	38.64 -5.27 0.02	36.26 -4.76 0.02	39.04 -5.23 0.02	44.12 -6.83 0.02	54.77 -8.74 0.30	75.64 -11.94 0.24	90.02 -13.69 0.02	78.55 -12.17 0.11	60.45 -9.52 0.03	57.31 -8.57 0.02	50.96 -5.73 0.02
NIAGARA_115E_LBMP 323715	55.77 -5.31 0.00	49.70 -4.44 0.00	50.18 -4.48 0.00	50.76 -4.42 0.00	51.19 -4.51 0.00	61.18 -6.87 0.00	78.49 -10.40 0.00	110.06 -17.18 0.00	77.50 -13.14 0.00	55.51 -8.59 0.00	44.46 -5.61 0.00	40.09 -5.83 0.00	39.54 -6.22 0.00	37.87 -6.06 0.00	35.55 -5.50 0.00	38.27 -6.02 0.00	43.22 -7.75 0.00	54.01 -9.51 0.30	74.41 -13.18 0.24	88.27 -15.46 0.00	77.01 -13.72 0.11	59.21 -10.78 0.01	56.14 -9.75 0.00	50.07 -6.63 0.00
NIAGARA_115W_LBMP 323714	56.75 -4.34 0.00	50.56 -3.57 0.00	51.05 -3.61 0.00	51.64 -3.53 0.00	52.08 -3.62 0.00	62.11 -5.92 0.02	79.80 -9.07 0.02	112.20 -15.02 0.02	78.94 -11.69 0.02	56.51 -7.56 0.02	45.24 -4.81 0.02	40.80 -5.10 0.02	40.30 -5.45 0.02	38.59 -5.32 0.02	36.22 -4.80 0.02	38.95 -5.32 0.02	44.01 -6.93 0.02	54.71 -8.81 0.30	75.64 -11.94 0.24	89.91 -13.80 0.02	78.46 -12.27 0.11	60.39 -9.59 0.03	57.17 -8.70 0.02	50.85 -5.84 0.02
NIAGARA_230_LBMP 323716	56.87 -4.21 0.00	50.62 -3.52 0.00	51.11 -3.55 0.00	51.70 -3.47 0.00	52.13 -3.57 0.00	62.40 -5.65 0.00	80.08 -8.80 0.00	112.61 -14.63 0.00	79.31 -11.33 0.00	56.79 -7.31 0.00	45.42 -4.66 0.00	40.96 -4.96 0.00	40.45 -5.31 0.00	38.75 -5.18 0.00	36.36 -4.68 0.00	39.15 -5.14 0.00	44.24 -6.73 0.00	54.99 -8.55 0.28	75.92 -11.68 0.22	90.25 -13.48 0.00	78.75 -11.99 0.09	60.62 -9.38 0.01	57.46 -8.43 0.00	51.09 -5.62 0.00
NIAGARA__115KV_198_GIBSON 55903	56.44 -4.64 0.00	50.29 -3.84 0.00	50.78 -3.88 0.00	51.47 -3.70 0.00	51.80 -3.90 0.00	61.97 -6.06 0.02	79.53 -9.33 0.02	111.82 -15.40 0.02	78.75 -11.87 0.02	56.39 -7.69 0.02	45.24 -4.81 0.02	40.80 -5.10 0.02	40.30 -5.45 0.02	38.59 -5.32 0.02	36.22 -4.80 0.02	38.96 -5.31 0.02	44.01 -6.93 0.02	54.64 -8.87 0.30	75.55 -12.03 0.24	89.91 -13.80 0.02	78.37 -12.35 0.11	60.31 -9.66 0.03	57.17 -8.70 0.02	50.85 -5.84 0.02
NIAGARA____ 23760	56.87 -4.21 0.00	50.62 -3.52 0.00	51.11 -3.55 0.00	51.70 -3.47 0.00	52.13 -3.57 0.00	62.39 -5.65 0.01	80.08 -8.80 0.00	112.61 -14.63 0.00	79.31 -11.33 0.00	56.79 -7.31 0.00	45.41 -4.66 0.00	40.95 -4.96 0.00	40.45 -5.31 0.00	38.74 -5.18 0.00	36.36 -4.68 0.00	39.15 -5.14 0.00	44.23 -6.73 0.00	54.98 -8.55 0.28	75.91 -11.68 0.23	90.24 -13.48 0.00	78.74 -11.99 0.10	60.61 -9.38 0.01	57.45 -8.43 0.00	51.09 -5.62 0.01
NINE_MILE_1 23575	59.56 -1.52 0.00	52.79 -1.35 0.00	53.30 -1.36 0.00	53.79 -1.38 0.00	54.36 -1.34 0.00	66.35 -1.70 0.00	86.75 -2.13 0.00	124.18 -3.05 0.00	88.29 -2.36 0.00	62.43 -1.67 0.00	48.77 -1.30 0.00	44.68 -1.24 0.00	44.48 -1.28 0.00	42.70 -1.23 0.00	39.90 -1.15 0.00	43.05 -1.24 0.00	49.44 -1.53 0.00	62.02 -1.79 0.00	85.46 -2.37 0.00	101.03 -2.70 0.00	88.47 -2.36 0.00	68.12 -1.89 0.00	64.05 -1.84 0.00	55.18 -1.53 0.00
NINE_MILE_2 23744	59.56 -1.52 0.00	52.79 -1.35 0.00	53.30 -1.36 0.00	53.79 -1.38 0.00	54.36 -1.34 0.00	66.35 -1.70 0.00	86.75 -2.13 0.00	124.18 -3.05 0.00	88.29 -2.36 0.00	62.43 -1.67 0.00	48.82 -1.25 0.00	44.68 -1.24 0.00	44.48 -1.28 0.00	42.70 -1.23 0.00	39.90 -1.15 0.00	43.05 -1.24 0.00	49.44 -1.53 0.00	62.02 -1.79 0.00	85.46 -2.37 0.00	101.03 -2.70 0.00	88.47 -2.36 0.00	68.12 -1.89 0.00	64.05 -1.84 0.00	55.18 -1.53 0.00
NM_CAPITAL__DRP 24208	61.51 0.43 0.00	54.62 0.49 0.00	55.15 0.49 0.00	55.67 0.50 0.00	55.98 0.28 0.00	68.46 0.41 0.00	89.77 0.89 0.00	128.26 1.02 0.00	91.74 1.09 0.00	64.93 0.83 0.00	50.42 0.35 0.00	46.38 0.46 0.00	46.31 0.55 0.00	44.59 0.66 0.00	41.66 0.62 0.00	45.00 0.71 0.00	51.88 0.92 0.00	65.24 1.34 -0.09	89.40 1.58 0.00	105.08 1.35 0.00	92.38 1.54 0.00	71.26 1.26 0.00	67.21 1.32 0.00	57.62 0.91 0.00

NM_CENTRAL__DRP 24181	60.53 -0.55 0.00	53.65 -0.49 0.00	54.17 -0.49 0.00	54.73 -0.44 0.00	55.47 -0.45 -0.21	67.85 -0.54 -0.35	89.16 -0.62 -0.90	128.77 -0.64 -2.17	89.98 -0.82 -0.14	63.52 -0.58 0.00	49.77 -0.30 0.00	45.50 -0.41 0.00	45.35 -0.41 0.00	43.49 -0.44 0.00	40.59 -0.45 0.00	43.80 -0.49 0.00	50.25 -0.71 0.00	62.98 -0.83 0.00	86.95 -0.88 0.00	102.80 -0.93 0.00	90.02 -0.82 0.00	69.23 -0.77 0.00	65.10 -0.79 0.00	56.14 -0.57 0.00
NM_FRONTIER__DRP 24179	56.44 -4.64 0.00	50.29 -3.84 0.00	50.78 -3.88 0.00	51.47 -3.70 0.00	51.80 -3.90 0.00	61.97 -6.06 0.02	79.53 -9.33 0.02	111.82 -15.40 0.02	78.75 -11.87 0.02	56.39 -7.69 0.02	45.24 -4.81 0.02	40.80 -5.10 0.02	40.30 -5.45 0.02	38.59 -5.32 0.02	36.22 -4.80 0.02	38.96 -5.31 0.02	44.01 -6.93 0.02	54.64 -8.87 0.30	75.55 -12.03 0.24	89.91 -13.80 0.02	78.37 -12.35 0.11	60.31 -9.66 0.03	57.17 -8.70 0.02	50.85 -5.84 0.02
NM_ST_REGIS__HYD 24053	60.23 -0.86 0.00	53.32 -0.81 0.00	53.84 -0.82 0.00	54.18 -0.99 0.00	62.37 -0.78 -7.45	79.41 -0.88 -12.25	119.30 -1.16 -31.57	208.30 -1.40 -82.46	94.47 -1.63 -5.45	62.05 -2.05 0.00	48.77 -1.30 0.00	44.59 -1.33 0.00	44.39 -1.37 0.00	42.70 -1.23 0.00	39.98 -1.07 0.00	43.27 -1.02 0.00	49.84 -1.12 0.00	61.96 -1.85 0.00	85.28 -2.55 0.00	101.55 -2.18 0.00	88.29 -2.54 0.00	68.88 -1.12 0.00	64.71 -1.19 0.00	55.86 -0.85 0.00
NORTHPORT__1 23551	64.63 3.54 -0.01	57.12 2.98 -0.01	57.39 2.73 0.00	57.71 2.54 0.00	58.43 2.73 0.00	71.52 3.47 0.00	93.15 4.27 0.00	131.95 4.71 0.00	95.09 4.44 0.00	69.10 5.00 0.00	54.03 3.95 -0.01	49.78 3.86 -0.01	49.57 3.80 -0.01	47.36 3.43 0.00	43.96 2.91 0.00	47.57 3.28 0.00	55.00 4.03 -0.01	69.54 5.29 -0.44	94.16 6.33 -0.01	110.99 7.26 0.00	96.66 5.82 0.00	85.13 5.39 -9.73	76.30 5.14 -5.26	60.63 3.91 -0.01
NORTHPORT__2 23552	64.51 3.42 -0.01	57.01 2.87 -0.01	57.29 2.62 0.00	57.66 2.48 0.00	58.32 2.62 0.00	71.38 3.33 0.00	92.98 4.09 0.00	131.43 4.19 0.00	94.91 4.26 0.00	69.03 4.94 0.00	53.94 3.86 -0.01	49.69 3.77 -0.01	49.52 3.75 -0.01	47.31 3.38 0.00	43.92 2.87 0.00	47.48 3.19 0.00	54.95 3.98 -0.01	69.42 5.17 -0.44	93.72 5.88 -0.01	110.47 6.74 0.00	96.19 5.36 0.00	84.92 5.18 -9.74	76.16 5.01 -5.26	60.46 3.74 -0.01
NORTHPORT__3 23553	64.51 3.42 -0.01	57.01 2.87 -0.01	57.29 2.62 0.00	57.66 2.48 0.00	58.32 2.62 0.00	71.38 3.33 0.00	93.06 4.18 0.00	131.69 4.45 0.00	95.00 4.35 0.00	69.03 4.94 0.00	53.94 3.86 -0.01	49.69 3.77 -0.01	49.52 3.75 -0.01	47.31 3.38 0.00	43.92 2.87 0.00	47.52 3.23 0.00	54.95 3.98 -0.01	69.42 5.17 -0.44	93.89 6.06 -0.01	110.58 6.84 0.00	96.29 5.45 0.00	84.94 5.18 -9.75	76.16 5.01 -5.26	60.46 3.74 -0.01
NORTHPORT__4 23650	64.51 3.42 -0.01	57.01 2.87 -0.01	57.29 2.62 0.00	57.66 2.48 0.00	58.32 2.62 0.00	71.38 3.33 0.00	93.06 4.18 0.00	131.69 4.45 0.00	95.00 4.35 0.00	69.03 4.94 0.00	53.94 3.86 -0.01	49.69 3.77 -0.01	49.52 3.75 -0.01	47.31 3.38 0.00	43.92 2.87 0.00	47.52 3.23 0.00	54.95 3.98 -0.01	69.42 5.17 -0.44	93.89 6.06 -0.01	110.58 6.84 0.00	96.29 5.45 0.00	84.94 5.18 -9.75	76.16 5.01 -5.26	60.46 3.74 -0.01
NORTHPORT__IC 23718	64.51 3.42 -0.01	57.12 2.98 -0.01	57.34 2.68 0.00	57.76 2.59 0.00	58.37 2.67 0.00	71.52 3.47 0.00	93.86 4.98 0.00	131.95 4.71 0.00	95.91 5.26 0.00	69.10 5.00 0.00	54.04 3.96 -0.01	49.83 3.90 -0.01	49.66 3.89 -0.01	47.36 3.43 0.00	43.96 2.91 0.00	47.57 3.28 0.00	55.00 4.03 -0.01	69.55 5.30 -0.44	94.16 6.32 -0.01	110.99 7.26 0.00	96.65 5.81 0.00	85.20 5.46 -9.73	76.29 5.14 -5.26	60.57 3.86 -0.01
NORTH__COUNTRY_ESR 323785	60.47 -0.61 0.00	53.38 -0.76 0.00	53.84 -0.82 0.00	54.40 -0.77 0.00	55.61 -0.61 -0.52	68.02 -0.89 -0.86	90.04 -1.06 -2.22	131.84 -1.27 -5.87	90.13 -0.91 -0.39	63.01 -1.09 0.00	49.82 -0.25 0.00	45.69 -0.23 0.00	45.58 -0.18 0.00	43.71 -0.22 0.00	40.88 -0.16 0.00	44.11 -0.18 0.00	50.81 -0.15 0.00	62.79 -1.02 0.00	86.25 -1.58 0.00	102.28 -1.45 0.00	89.20 -1.63 0.00	69.02 -0.98 0.00	65.10 -0.79 0.00	56.32 -0.39 0.00
NPX_GEN_1385_PROXY 323591	64.63 3.54 -0.01	57.12 2.98 -0.01	57.39 2.73 0.00	57.71 2.54 0.00	58.43 2.73 0.00	71.52 3.47 0.00	93.15 4.27 0.00	131.95 4.71 0.00	94.23 4.44 0.86	69.96 5.00 -0.86	54.03 3.95 -0.01	49.78 3.86 -0.01	49.57 3.80 -0.01	47.36 3.43 0.00	43.96 2.91 0.00	47.57 3.28 0.00	55.00 4.03 -0.01	69.54 5.29 -0.44	94.16 6.33 -0.01	110.99 7.26 0.00	96.66 5.82 0.00	85.13 5.39 -9.73	76.30 5.14 -5.26	60.63 3.91 -0.01
NPX_GEN_CSC 323557	64.76 3.66 -0.01	57.18 3.03 -0.01	57.39 2.73 0.00	57.71 2.54 0.00	58.48 2.78 0.00	71.58 3.54 0.00	92.08 3.20 0.00	130.17 2.93 0.00	92.87 3.08 0.86	69.77 4.81 -0.86	54.53 4.45 -0.01	50.15 4.22 -0.01	49.89 4.12 -0.01	47.57 3.64 0.00	44.08 3.04 0.00	47.79 3.50 0.00	55.56 4.59 -0.01	70.44 6.19 -0.44	94.86 7.03 -0.01	111.10 7.37 0.00	96.66 5.82 0.00	86.26 6.44 -9.82	77.54 6.39 -5.26	61.60 4.88 -0.01
NSINS_S__GLNS_FALLS 23858	62.24 1.16 0.00	55.22 1.08 0.00	55.86 1.20 0.00	56.44 1.27 0.00	56.81 1.11 0.00	69.75 1.70 0.00	91.91 3.02 0.00	131.95 4.71 0.00	93.19 2.54 0.00	65.44 1.35 0.00	50.52 0.45 0.00	46.29 0.37 0.00	46.17 0.41 0.00	44.24 0.31 0.00	41.25 0.21 0.00	44.87 0.58 0.00	52.14 1.17 0.00	65.99 2.11 -0.07	91.34 3.51 0.00	107.67 3.94 0.00	94.47 3.63 0.00	72.59 2.59 0.00	68.13 2.24 0.00	58.24 1.53 0.00
NUCOR_STEEL__DRP 24197	61.39 0.31 0.00	54.41 0.27 0.00	54.94 0.27 0.00	55.50 0.33 0.00	56.09 0.39 0.00	68.39 0.34 0.00	89.60 0.71 0.00	128.26 1.02 0.00	90.92 0.27 0.00	64.23 0.13 0.00	50.17 0.10 0.00	45.83 -0.09 0.00	45.63 -0.14 0.00	43.71 -0.22 0.00	40.84 -0.21 0.00	44.07 -0.22 0.00	50.56 -0.41 0.00	63.51 -0.26 0.04	87.82 0.00 0.00	104.04 0.31 0.00	91.11 0.27 0.00	70.07 0.07 0.00	65.83 -0.07 0.00	56.82 0.11 0.00
NUMBER_THREE_WT_PWR 323818	61.14 0.06 0.00	54.08 -0.05 0.00	54.61 -0.05 0.00	55.45 0.28 0.00	58.86 0.44 -2.71	73.80 1.29 -4.46	103.05 2.66 -11.50	161.47 3.44 -30.79	94.50 1.81 -2.03	64.36 0.26 0.00	49.77 -0.30 0.00	45.69 -0.23 0.00	45.35 -0.41 0.00	43.45 -0.48 0.00	40.84 -0.20 0.00	44.38 0.09 0.00	51.17 0.20 0.00	64.38 0.57 0.00	89.49 1.66 0.00	106.33 2.59 0.00	92.38 1.54 0.00	71.27 1.26 0.00	66.09 0.20 0.00	56.20 -0.51 0.00
NYISO_LBMP_REFERENCE 24008	61.08 0.00 0.00	54.14 0.00 0.00	54.66 0.00 0.00	55.17 0.00 0.00	55.70 0.00 0.00	68.05 0.00 0.00	88.88 0.00 0.00	127.24 0.00 0.00	90.65 0.00 0.00	64.10 0.00 0.00	50.07 0.00 0.00	45.92 0.00 0.00	45.76 0.00 0.00	43.93 0.00 0.00	41.04 0.00 0.00	44.29 0.00 0.00	50.97 0.00 0.00	63.81 0.00 0.00	87.82 0.00 0.00	103.73 0.00 0.00	90.84 0.00 0.00	70.00 0.00 0.00	65.89 0.00 0.00	56.71 0.00 0.00

NYPA_BRENTWD____GT 24164	65.37 4.27 -0.01	57.72 3.57 -0.01	58.00 3.33 0.00	58.31 3.14 0.00	59.04 3.34 0.00	72.27 4.22 0.00	94.13 5.24 0.00	133.35 6.11 0.00	96.00 5.35 0.00	69.74 5.64 -0.01	54.59 4.51 -0.01	50.24 4.32 -0.01	50.03 4.26 -0.01	47.75 3.82 0.00	44.33 3.28 0.00	47.96 3.67 0.00	55.56 4.59 -0.01	70.38 6.13 -0.44	95.39 7.55 -0.01	112.34 8.60 0.00	97.83 6.99 0.00	86.30 6.37 -9.93	77.21 6.06 -5.26	61.37 4.65 -0.01
NYPA_GOWANUS____GT5 24156	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NYPA_GOWANUS____GT6 24157	63.83 2.75 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.57 2.52 0.00	93.24 4.35 0.00	134.74 7.51 0.00	96.46 5.81 0.00	68.65 4.55 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.33 4.09 -0.43	93.00 5.18 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.20 2.49 0.00
NYPA_HARLEM__RVR__GT1 24160	63.71 2.62 0.00	56.25 2.11 0.00	56.74 2.08 0.00	57.10 1.93 0.00	57.65 1.95 0.00	69.95 1.90 0.00	92.25 3.38 0.01	133.59 6.36 0.01	95.62 4.98 0.01	68.20 4.11 0.01	53.27 3.21 0.01	49.17 3.26 0.01	48.91 3.16 0.01	47.04 3.12 0.01	43.70 2.67 0.01	47.03 2.75 0.01	54.32 3.36 0.01	68.06 3.83 -0.42	92.55 4.74 0.01	109.53 5.81 0.01	95.64 4.81 0.01	73.63 3.64 0.01	69.19 3.29 0.00	59.15 2.44 0.00
NYPA_HARLEM__RVR__GT2 24161	63.71 2.62 0.00	56.25 2.11 0.00	56.74 2.08 0.00	57.10 1.93 0.00	57.65 1.95 0.00	69.95 1.90 0.00	92.25 3.38 0.01	133.59 6.36 0.01	95.62 4.98 0.01	68.20 4.11 0.01	53.27 3.21 0.01	49.17 3.26 0.01	48.91 3.16 0.01	47.04 3.12 0.01	43.70 2.67 0.01	47.03 2.75 0.01	54.32 3.36 0.01	68.06 3.83 -0.42	92.55 4.74 0.01	109.53 5.81 0.01	95.64 4.81 0.01	73.63 3.64 0.01	69.19 3.29 0.00	59.15 2.44 0.00
NYPA_KENT____GT 24152	63.77 2.68 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.49 2.45 0.00	93.15 4.27 0.00	134.74 7.51 0.00	96.36 5.71 0.00	68.65 4.55 0.00	53.58 3.50 0.00	49.41 3.49 0.00	49.20 3.43 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.39 4.15 -0.43	93.09 5.27 0.00	110.16 6.43 0.00	96.19 5.36 0.00	73.92 3.92 0.00	69.45 3.56 0.00	59.26 2.55 0.00
NYPA_POUCH1____GT 24155	63.77 2.68 0.00	56.30 2.17 0.00	56.79 2.13 0.00	57.15 1.98 0.00	57.70 2.00 0.00	70.43 2.38 0.00	93.15 4.27 0.00	134.49 7.25 0.00	96.27 5.62 0.00	68.52 4.42 0.00	53.38 3.30 0.00	49.27 3.35 0.00	49.01 3.25 0.00	47.13 3.21 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.43 3.47 0.00	62.09 3.70 5.42	88.21 4.65 4.27	109.54 5.81 0.00	95.74 4.90 0.00	73.50 3.50 0.00	67.49 3.23 1.63	58.98 2.27 0.00
NYPA_VERNON____GT2 24162	63.71 2.62 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.49 2.45 0.00	93.15 4.27 0.00	134.62 7.38 0.00	96.36 5.71 0.00	68.65 4.55 0.00	53.58 3.50 0.00	49.41 3.49 0.00	49.20 3.43 0.00	47.27 3.34 0.00	43.96 2.91 0.00	47.30 3.01 0.00	54.58 3.62 0.00	68.45 4.21 -0.43	93.18 5.36 0.00	110.16 6.43 0.00	96.19 5.36 0.00	73.99 3.99 0.00	69.51 3.62 0.00	59.26 2.55 0.00
NYPA_VERNON____GT3 24163	63.71 2.62 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.21 2.04 0.00	57.76 2.06 0.00	70.49 2.45 0.00	93.15 4.27 0.00	134.62 7.38 0.00	96.36 5.71 0.00	68.65 4.55 0.00	53.58 3.50 0.00	49.41 3.49 0.00	49.20 3.43 0.00	47.27 3.34 0.00	43.96 2.91 0.00	47.30 3.01 0.00	54.58 3.62 0.00	68.45 4.21 -0.43	93.18 5.36 0.00	110.16 6.43 0.00	96.19 5.36 0.00	73.99 3.99 0.00	69.51 3.62 0.00	59.26 2.55 0.00
NYPA__ASTORIA_CC1 323568	63.71 2.62 0.00	56.30 2.17 0.00	56.79 2.13 0.00	57.15 1.98 0.00	57.70 2.00 0.00	70.43 2.38 0.00	92.98 4.09 0.00	134.49 7.25 0.00	96.27 5.62 0.00	68.58 4.49 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.39 4.15 -0.43	93.09 5.27 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.92 3.92 0.00	69.51 3.62 0.00	59.26 2.55 0.00
NYPA__ASTORIA_CC2 323569	63.71 2.62 0.00	56.30 2.17 0.00	56.79 2.13 0.00	57.15 1.98 0.00	57.70 2.00 0.00	70.43 2.38 0.00	92.98 4.09 0.00	134.49 7.25 0.00	96.27 5.62 0.00	68.58 4.49 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.58 3.62 0.00	68.39 4.15 -0.43	93.09 5.27 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.92 3.92 0.00	69.51 3.62 0.00	59.26 2.55 0.00
NYPA__HOLTSVILL 23794	64.94 3.85 -0.01	57.39 3.25 -0.01	57.61 2.95 0.00	57.93 2.76 0.00	58.71 3.01 0.00	71.86 3.81 0.00	93.33 4.44 0.00	131.95 4.71 0.00	95.18 4.53 0.00	69.29 5.19 0.00	54.39 4.31 -0.01	50.06 4.13 -0.01	49.80 4.03 -0.01	47.49 3.56 0.00	44.04 2.99 0.00	47.65 3.36 0.00	55.26 4.28 -0.01	69.99 5.75 -0.44	94.77 6.94 -0.01	111.51 7.78 0.00	97.10 6.26 0.00	85.90 6.09 -9.81	77.02 5.86 -5.26	61.20 4.48 -0.01
NYPA__HELLGATE_GT1 24158	63.71 2.62 0.00	56.25 2.11 0.00	56.74 2.08 0.00	57.10 1.93 0.00	57.65 1.95 0.00	69.95 1.90 0.00	92.25 3.38 0.01	133.59 6.36 0.01	95.62 4.98 0.01	68.20 4.11 0.01	53.27 3.21 0.01	49.17 3.26 0.01	48.91 3.16 0.01	47.04 3.12 0.01	43.70 2.67 0.01	47.03 2.75 0.01	54.32 3.36 0.01	68.06 3.83 -0.42	92.55 4.74 0.01	109.53 5.81 0.01	95.64 4.81 0.01	73.63 3.64 0.01	69.19 3.29 0.00	59.15 2.44 0.00
NYPA__HELLGATE_GT2 24159	63.71 2.62 0.00	56.25 2.11 0.00	56.74 2.08 0.00	57.10 1.93 0.00	57.65 1.95 0.00	69.95 1.90 0.00	92.25 3.38 0.01	133.59 6.36 0.01	95.62 4.98 0.01	68.20 4.11 0.01	53.27 3.21 0.01	49.17 3.26 0.01	48.91 3.16 0.01	47.04 3.12 0.01	43.70 2.67 0.01	47.03 2.75 0.01	54.32 3.36 0.01	68.06 3.83 -0.42	92.55 4.74 0.01	109.53 5.81 0.01	95.64 4.81 0.01	73.63 3.64 0.01	69.19 3.29 0.00	59.15 2.44 0.00
NYS_BARGE__HYD 23848	56.87 -4.21 0.00	50.67 -3.47 0.00	51.16 -3.50 0.00	51.80 -3.37 0.00	52.13 -3.57 0.00	62.33 -5.72 0.00	80.18 -8.71 0.00	112.48 -14.76 0.00	79.22 -11.42 0.00	56.60 -7.50 0.00	45.31 -4.76 0.00	40.87 -5.05 0.00	40.27 -5.49 0.00	38.57 -5.36 0.00	36.20 -4.84 0.00	38.97 -5.32 0.00	44.03 -6.93 0.00	55.01 -8.49 0.32	75.96 -11.59 0.27	90.15 -13.58 0.00	78.71 -11.99 0.13	60.47 -9.52 0.01	57.26 -8.63 0.00	51.21 -5.50 0.00

OAK ORCHARD___HYD 24046	59.62 -1.47 0.00	52.95 -1.19 0.00	53.41 -1.26 0.00	54.01 -1.16 0.00	54.53 -1.17 0.00	66.28 -1.77 0.00	86.22 -2.66 0.00	123.29 -3.95 0.00	87.20 -3.44 0.00	61.79 -2.30 0.00	48.72 -1.35 0.00	44.27 -1.65 0.00	43.93 -1.83 0.00	42.04 -1.89 0.00	39.36 -1.68 0.00	42.43 -1.86 0.00	48.52 -2.45 0.00	61.14 -2.74 -0.07	84.12 -3.77 -0.07	99.38 -4.35 0.00	86.96 -3.90 -0.03	66.86 -3.15 0.00	62.86 -3.03 0.00	54.67 -2.04 0.00
OAKDALE___35_KV_LOAD 356122	61.08 0.00 0.00	54.14 0.00 0.00	54.72 0.05 0.00	55.28 0.11 0.00	55.81 0.11 0.00	67.98 -0.07 0.00	88.97 0.09 0.00	126.73 -0.51 0.00	89.65 -1.00 0.00	63.58 -0.51 0.00	49.87 -0.20 0.00	45.55 -0.37 0.00	45.30 -0.46 0.00	43.40 -0.53 0.00	40.55 -0.49 0.00	43.89 -0.40 0.00	50.30 -0.66 0.00	62.76 -0.89 0.16	86.99 -0.79 0.04	103.11 -0.62 0.00	90.28 -0.55 0.02	69.37 -0.63 0.00	65.23 -0.66 0.00	56.48 -0.23 0.00
OCC_CHEM___DRP 24175	56.50 -4.58 0.00	50.35 -3.79 0.00	50.84 -3.83 0.00	51.53 -3.64 0.00	51.80 -3.90 0.00	62.11 -5.92 0.02	79.71 -9.16 0.02	112.08 -15.14 0.02	78.84 -11.78 0.02	56.51 -7.56 0.02	45.29 -4.76 0.02	40.89 -5.01 0.02	40.34 -5.40 0.02	38.64 -5.27 0.02	36.26 -4.76 0.02	39.04 -5.23 0.02	44.12 -6.83 0.02	54.77 -8.74 0.30	75.64 -11.94 0.24	90.02 -13.69 0.02	78.55 -12.17 0.11	60.45 -9.52 0.03	57.31 -8.57 0.02	50.96 -5.73 0.02
OH_GEN_PROXY 24063	56.93 -4.16 0.00	49.94 -3.47 0.73	49.98 -3.50 1.18	49.96 -3.42 1.79	51.60 -3.51 0.59	54.88 -5.51 7.66	69.89 -8.53 10.46	89.23 -14.25 23.76	78.72 -11.06 0.86	57.84 -7.12 -0.86	45.56 -4.51 0.00	38.13 -4.82 2.97	40.30 -5.17 0.29	38.88 -5.05 0.00	36.49 -4.56 0.00	39.29 -5.00 0.00	44.39 -6.57 0.00	51.63 -8.36 3.82	76.19 -11.42 0.22	65.10 -13.07 25.56	59.50 -11.63 19.71	50.12 -9.10 10.78	42.78 -8.24 14.87	40.05 -5.50 11.16
OLIN_CORP_DRP 24177	55.65 -5.44 0.00	49.53 -4.60 0.00	50.02 -4.65 0.00	50.70 -4.47 0.00	50.97 -4.73 0.00	61.24 -6.80 0.00	78.49 -10.40 0.00	110.32 -16.92 0.00	77.60 -13.05 0.00	55.57 -8.52 0.00	44.61 -5.46 0.00	40.22 -5.69 0.00	39.68 -6.09 0.00	38.00 -5.93 0.00	35.67 -5.38 0.00	38.40 -5.89 0.00	43.37 -7.59 0.00	54.14 -9.38 0.29	74.59 -13.00 0.24	88.59 -15.14 0.00	77.29 -13.44 0.11	59.42 -10.57 0.01	56.34 -9.55 0.00	50.24 -6.46 0.00
OLIN_CORP_DSASP 323712	56.50 -4.58 0.00	50.35 -3.79 0.00	50.84 -3.83 0.00	51.53 -3.64 0.00	51.80 -3.90 0.00	62.11 -5.92 0.02	79.71 -9.16 0.02	112.08 -15.14 0.02	78.84 -11.78 0.02	56.51 -7.56 0.02	45.29 -4.76 0.02	40.89 -5.01 0.02	40.34 -5.40 0.02	38.64 -5.27 0.02	36.26 -4.76 0.02	39.04 -5.23 0.02	44.12 -6.83 0.02	54.77 -8.74 0.30	75.64 -11.94 0.24	90.02 -13.69 0.02	78.55 -12.17 0.11	60.45 -9.52 0.03	57.31 -8.57 0.02	50.96 -5.73 0.02
ONEIDA_HERK_LFGE 323681	61.87 0.79 0.00	54.79 0.65 0.00	55.32 0.66 0.00	56.05 0.88 0.00	57.91 0.95 -1.26	71.61 1.50 -2.07	96.80 2.58 -5.34	145.53 3.30 -14.98	93.73 2.09 -0.99	64.93 0.83 0.00	50.37 0.30 0.00	46.24 0.32 0.00	45.95 0.18 0.00	44.02 0.09 0.00	41.29 0.25 0.00	44.82 0.53 0.00	51.68 0.71 0.00	64.89 1.08 0.00	89.85 2.02 0.00	106.42 2.69 0.00	92.93 2.09 0.00	71.54 1.54 0.00	66.88 0.99 0.00	57.22 0.51 0.00
ONEIDA___115KV_TB4 55905	62.43 1.34 0.00	55.27 1.14 0.00	55.86 1.20 0.00	56.50 1.32 0.00	57.56 1.34 -0.52	70.74 1.84 -0.86	93.85 2.76 -2.21	136.47 4.33 -4.90	93.69 2.72 -0.32	65.57 1.47 0.00	50.97 0.90 0.00	46.70 0.78 0.00	46.40 0.64 0.00	44.50 0.57 0.00	41.70 0.66 0.00	45.04 0.75 0.00	51.83 0.87 0.00	65.15 1.34 0.00	90.19 2.37 0.00	106.74 3.01 0.00	93.29 2.45 0.00	71.75 1.75 0.00	67.28 1.38 0.00	57.84 1.13 0.00
ONONDAGA_REF_OCCRA 23987	60.84 -0.24 0.00	53.92 -0.22 0.00	54.44 -0.22 0.00	54.95 -0.22 0.00	55.53 -0.17 0.00	67.78 -0.27 0.00	88.80 -0.09 0.00	127.24 0.00 0.00	90.29 -0.36 0.00	63.78 -0.32 0.00	49.92 -0.15 0.00	45.64 -0.28 0.00	45.49 -0.27 0.00	43.62 -0.31 0.00	40.72 -0.33 0.00	43.98 -0.31 0.00	50.46 -0.51 0.00	63.24 -0.57 0.00	87.38 -0.44 0.00	103.32 -0.41 0.00	90.47 -0.36 0.00	69.65 -0.35 0.00	65.43 -0.46 0.00	56.37 -0.34 0.00
ONONDAGA___COGEN 23986	60.96 -0.12 0.00	54.03 -0.11 0.00	54.55 -0.11 0.00	55.06 -0.11 0.00	55.64 -0.06 0.00	67.91 -0.14 0.00	88.88 0.00 0.00	127.37 0.13 0.00	90.38 -0.27 0.00	63.91 -0.19 0.00	49.92 -0.15 0.00	45.69 -0.23 0.00	45.53 -0.23 0.00	43.62 -0.31 0.00	40.76 -0.29 0.00	43.98 -0.31 0.00	50.46 -0.51 0.00	63.30 -0.51 0.00	87.47 -0.35 0.00	103.42 -0.31 0.00	90.56 -0.27 0.00	69.65 -0.35 0.00	65.50 -0.40 0.00	56.48 -0.23 0.00
ONTARIO___LFGE 23819	60.84 -0.24 0.00	54.14 0.00 0.00	54.72 0.05 0.00	55.28 0.11 0.00	56.04 0.34 0.00	67.98 -0.07 0.00	88.62 -0.27 0.00	126.48 -0.76 0.00	88.84 -1.81 0.00	63.20 -0.90 0.00	49.67 -0.40 0.00	45.14 -0.78 0.00	44.80 -0.96 0.00	42.92 -1.01 0.00	40.06 -0.99 0.00	43.36 -0.93 0.00	49.59 -1.37 0.00	62.23 -1.53 0.05	85.98 -1.85 0.00	101.87 -1.86 0.00	89.20 -1.63 0.00	68.67 -1.33 0.00	64.57 -1.32 0.00	56.09 -0.62 0.00
ORANGEVILLE_WT_PWR 323706	58.52 -2.56 0.00	52.24 -1.90 0.00	52.86 -1.80 0.00	53.52 -1.65 0.00	54.08 -1.62 0.00	64.99 -3.06 0.00	84.17 -4.71 0.00	118.46 -8.78 0.00	83.03 -7.61 0.00	59.03 -5.06 0.00	46.92 -3.15 0.00	42.38 -3.53 0.00	41.83 -3.94 0.00	40.06 -3.87 0.00	37.51 -3.53 0.00	40.35 -3.94 0.00	45.72 -5.25 0.00	56.93 -6.64 0.24	79.39 -8.26 0.18	94.71 -9.03 0.00	82.59 -8.18 0.07	63.28 -6.72 0.01	59.57 -6.33 0.00	52.63 -4.08 0.00
ORANGEVILLE___ESR 323794	58.52 -2.56 0.00	52.24 -1.90 0.00	52.86 -1.80 0.00	53.52 -1.65 0.00	54.08 -1.62 0.00	64.99 -3.06 0.00	84.17 -4.71 0.00	118.46 -8.78 0.00	83.03 -7.61 0.00	59.03 -5.06 0.00	46.92 -3.15 0.00	42.38 -3.53 0.00	41.83 -3.94 0.00	40.06 -3.87 0.00	37.51 -3.53 0.00	40.35 -3.94 0.00	45.72 -5.25 0.00	56.93 -6.64 0.24	79.39 -8.26 0.18	94.71 -9.03 0.00	82.59 -8.18 0.07	63.28 -6.72 0.01	59.57 -6.33 0.00	52.63 -4.08 0.00
OSWEGATCHIE___HYD 24044	60.41 -0.67 0.00	53.38 -0.76 0.00	53.84 -0.82 0.00	54.57 -0.61 0.00	61.15 -0.56 -6.00	77.71 -0.20 -9.87	114.41 0.09 -25.44	193.84 -0.13 -66.72	94.43 -0.63 -4.41	62.56 -1.54 0.00	48.62 -1.45 0.00	44.77 -1.15 0.00	44.53 -1.23 0.00	42.61 -1.32 0.00	40.02 -1.02 0.00	43.40 -0.89 0.00	49.95 -1.02 0.00	62.47 -1.34 0.00	86.59 -1.23 0.00	103.11 -0.62 0.00	89.65 -1.18 0.00	69.73 -0.28 0.00	65.10 -0.79 0.00	55.69 -1.02 0.00
OSWEGO___5 23606	59.92 -1.16 0.00	53.11 -1.03 0.00	53.62 -1.04 0.00	54.12 -1.05 0.00	54.70 -1.00 0.00	66.75 -1.29 0.00	87.29 -1.60 0.00	124.95 -2.29 0.00	88.74 -1.91 0.00	62.75 -1.35 0.00	49.07 -1.00 0.00	44.91 -1.01 0.00	44.76 -1.01 0.00	42.92 -1.01 0.00	40.10 -0.94 0.00	43.27 -1.02 0.00	49.69 -1.27 0.00	62.35 -1.47 0.00	85.98 -1.85 0.00	101.55 -2.18 0.00	88.93 -1.91 0.00	68.46 -1.54 0.00	64.38 -1.51 0.00	55.52 -1.19 0.00

OSWEGO___6 23613	59.92 -1.16 0.00	53.11 -1.03 0.00	53.62 -1.04 0.00	54.12 -1.05 0.00	54.70 -1.00 0.00	66.75 -1.29 0.00	87.29 -1.60 0.00	124.95 -2.29 0.00	88.74 -1.91 0.00	62.75 -1.35 0.00	49.07 -1.00 0.00	44.91 -1.01 0.00	44.76 -1.01 0.00	42.92 -1.01 0.00	40.10 -0.94 0.00	43.27 -1.02 0.00	49.69 -1.27 0.00	62.35 -1.47 0.00	85.98 -1.85 0.00	101.55 -2.18 0.00	88.93 -1.91 0.00	68.46 -1.54 0.00	64.38 -1.51 0.00	55.52 -1.19 0.00
OUTOKUMPU-AB___DRP 24206	58.09 -2.99 0.00	51.75 -2.38 0.00	52.31 -2.35 0.00	53.02 -2.15 0.00	52.97 -2.73 0.00	63.76 -4.29 0.00	82.13 -6.76 0.00	114.51 -12.72 0.00	80.95 -9.70 0.00	57.94 -6.15 0.00	46.67 -3.40 0.00	42.15 -3.77 0.00	41.46 -4.30 0.00	39.71 -4.22 0.00	37.23 -3.82 0.00	40.08 -4.21 0.00	45.26 -5.71 0.00	56.17 -7.34 0.30	77.66 -9.92 0.24	92.42 -11.31 0.00	80.46 -10.26 0.11	61.87 -8.12 0.01	58.51 -7.38 0.00	52.23 -4.48 0.00
OXBOW___BTM 323836	58.58 -2.51 0.00	52.24 -1.90 0.00	52.75 -1.91 0.00	53.40 -1.77 0.00	53.53 -2.17 0.00	64.03 -4.01 0.00	82.58 -6.31 0.00	113.88 -13.36 0.00	81.40 -9.25 0.00	58.27 -5.83 0.00	46.77 -3.31 0.00	42.24 -3.68 0.00	41.55 -4.21 0.00	39.80 -4.13 0.00	37.31 -3.73 0.00	40.17 -4.12 0.00	45.36 -5.61 0.00	56.43 -7.09 0.30	77.92 -9.66 0.24	92.63 -11.10 0.00	80.73 -9.99 0.11	62.01 -7.98 0.01	58.64 -7.25 0.00	52.34 -4.37 0.00
OXBOW___ 24026	58.15 -2.93 0.00	51.86 -2.27 0.00	52.42 -2.24 0.00	53.13 -2.04 0.00	53.08 -2.62 0.00	63.90 -4.15 0.00	82.31 -6.58 0.00	113.62 -13.61 0.00	81.22 -9.43 0.00	58.07 -6.03 0.00	46.77 -3.30 0.00	42.24 -3.67 0.00	41.60 -4.16 0.00	39.80 -4.13 0.00	37.31 -3.74 0.00	40.17 -4.12 0.00	45.36 -5.61 0.00	56.37 -7.15 0.30	77.92 -9.66 0.24	92.63 -11.10 0.00	80.64 -10.08 0.11	62.01 -7.98 0.01	58.64 -7.25 0.00	52.34 -4.37 0.00
OXY_CHEM_DSASP 323612	56.50 -4.58 0.00	50.35 -3.79 0.00	50.84 -3.83 0.00	51.53 -3.64 0.00	51.80 -3.90 0.00	62.11 -5.92 0.02	79.71 -9.16 0.02	112.08 -15.14 0.02	78.84 -11.78 0.02	56.51 -7.56 0.02	45.29 -4.76 0.02	40.89 -5.01 0.02	40.34 -5.40 0.02	38.64 -5.27 0.02	36.26 -4.76 0.02	39.04 -5.23 0.02	44.12 -6.83 0.02	54.77 -8.74 0.30	75.64 -11.94 0.24	90.02 -13.69 0.02	78.55 -12.17 0.11	60.45 -9.52 0.03	57.31 -8.57 0.02	50.96 -5.73 0.02
OZONE_PARK_ESR 323760	63.95 2.87 0.00	56.52 2.38 0.00	56.96 2.30 0.00	57.43 2.26 0.00	57.93 2.23 0.00	70.97 2.93 0.00	93.86 4.98 0.00	135.25 8.02 0.00	96.90 6.25 0.00	68.90 4.81 0.00	53.73 3.66 0.00	49.64 3.72 0.00	49.42 3.66 0.00	47.40 3.47 0.00	44.08 3.04 0.00	47.44 3.14 0.00	54.74 3.77 0.00	68.90 4.66 -0.43	93.88 6.06 0.00	110.99 7.26 0.00	96.92 6.09 0.00	74.55 4.55 0.00	69.98 4.09 0.00	59.55 2.84 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	56.50 -4.58 0.00	50.35 -3.79 0.00	50.84 -3.83 0.00	51.53 -3.64 0.00	51.80 -3.90 0.00	62.11 -5.92 0.02	79.71 -9.16 0.02	112.08 -15.14 0.02	78.84 -11.78 0.02	56.51 -7.56 0.02	45.29 -4.76 0.02	40.89 -5.01 0.02	40.34 -5.40 0.02	38.64 -5.27 0.02	36.26 -4.76 0.02	39.04 -5.23 0.02	44.12 -6.83 0.02	54.77 -8.74 0.30	75.64 -11.94 0.24	90.02 -13.69 0.02	78.55 -12.17 0.11	60.45 -9.52 0.03	57.31 -8.57 0.02	50.96 -5.73 0.02
PACKARD___115KV_DUPONT_184 80571	56.80 -4.28 0.00	50.62 -3.52 0.00	51.11 -3.55 0.00	51.70 -3.47 0.00	52.13 -3.57 0.00	62.24 -5.78 0.02	79.98 -8.89 0.02	112.33 -14.89 0.02	79.11 -11.51 0.02	56.64 -7.43 0.02	45.29 -4.76 0.02	40.85 -5.05 0.02	40.34 -5.40 0.02	38.64 -5.27 0.02	36.26 -4.76 0.02	39.04 -5.23 0.02	44.12 -6.83 0.02	54.84 -8.68 0.30	75.72 -11.86 0.24	90.02 -13.69 0.02	78.56 -12.17 0.11	60.46 -9.52 0.03	57.31 -8.56 0.02	50.96 -5.73 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	63.89 2.81 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.27 2.10 0.00	57.76 2.06 0.00	70.29 2.25 0.00	92.80 3.91 0.00	133.98 6.74 0.00	96.00 5.35 0.00	68.33 4.23 0.00	53.38 3.30 0.00	49.27 3.35 0.00	49.06 3.29 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.08 2.79 0.00	54.38 3.41 0.00	68.20 3.96 -0.43	92.83 5.01 0.00	109.85 6.12 0.00	95.83 5.00 0.00	73.78 3.78 0.00	69.38 3.49 0.00	59.26 2.55 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	64.69 3.60 0.00	57.11 2.98 0.00	57.61 2.95 0.00	58.10 2.92 0.00	58.60 2.90 0.00	71.38 3.33 0.00	94.13 5.24 0.00	135.76 8.52 0.00	97.36 6.71 0.00	69.16 5.06 0.00	53.93 3.86 0.00	49.78 3.86 0.00	49.56 3.80 0.00	47.53 3.60 0.00	44.16 3.12 0.00	47.52 3.23 0.00	54.89 3.92 0.00	68.84 4.59 -0.43	93.88 6.06 0.00	111.10 7.36 0.00	96.92 6.09 0.00	74.62 4.62 0.00	70.17 4.28 0.00	59.94 3.23 0.00
PATROON___115KV_TB1 80586	61.63 0.55 0.00	54.73 0.60 0.00	55.21 0.55 0.00	55.72 0.55 0.00	56.03 0.33 0.00	68.59 0.54 0.00	90.04 1.16 0.00	128.77 1.53 0.00	92.10 1.45 0.00	65.06 0.96 0.00	50.52 0.45 0.00	46.47 0.55 0.00	46.40 0.64 0.00	44.63 0.70 0.00	41.70 0.66 0.00	45.09 0.80 0.00	51.98 1.02 0.00	65.36 1.47 -0.09	89.67 1.84 0.00	105.39 1.66 0.00	92.56 1.73 0.00	71.40 1.40 0.00	67.28 1.38 0.00	57.67 0.96 0.00
PATRSNVILLE___SOLAR 323815	62.49 1.41 0.00	55.38 1.25 0.00	55.97 1.31 0.00	56.49 1.32 0.00	56.98 1.28 0.00	69.81 1.77 0.00	91.64 2.76 0.00	131.19 3.95 0.00	92.56 1.91 0.00	64.87 0.77 0.00	50.17 0.10 0.00	46.01 0.09 0.00	45.90 0.14 0.00	44.06 0.13 0.00	41.17 0.12 0.00	44.60 0.31 0.00	51.73 0.77 0.00	65.47 1.60 -0.06	90.72 2.89 0.00	107.26 3.53 0.00	94.01 3.18 0.00	72.39 2.38 0.00	68.00 2.11 0.00	58.30 1.59 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	59.01 -2.08 0.00	52.67 -1.46 0.00	53.19 -1.48 0.00	53.90 -1.27 0.00	54.25 -1.45 0.00	65.33 -2.72 0.00	84.44 -4.44 0.00	117.44 -9.80 0.00	82.22 -8.43 0.00	58.84 -5.26 0.00	47.02 -3.05 0.00	42.47 -3.44 0.00	41.87 -3.89 0.00	40.06 -3.87 0.00	37.56 -3.49 0.00	40.39 -3.90 0.00	45.61 -5.35 0.00	55.50 -8.04 0.27	78.56 -9.05 0.21	93.98 -9.75 0.00	81.84 -8.90 0.09	62.86 -7.14 0.01	59.30 -6.59 0.00	53.31 -3.40 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	63.83 2.75 0.00	56.52 2.38 0.00	57.12 2.46 0.00	57.60 2.43 0.00	57.98 2.28 0.00	71.18 3.13 0.00	93.86 4.98 0.00	135.38 8.14 0.00	96.54 5.89 0.00	68.33 4.23 0.00	53.13 3.05 0.00	49.04 3.12 0.00	48.83 3.07 0.00	46.87 2.94 0.00	43.63 2.59 0.00	46.95 2.66 0.00	54.33 3.36 0.00	68.42 4.40 -0.21	93.53 5.71 0.00	110.58 6.85 0.00	96.83 6.00 0.00	74.41 4.41 0.00	70.04 4.15 0.00	59.66 2.95 0.00
PEEKSKILL___ 23653	62.91 1.83 0.00	55.71 1.57 0.00	56.25 1.59 0.00	56.66 1.49 0.00	57.15 1.45 0.00	69.95 1.90 0.00	92.26 3.38 0.00	133.09 5.86 0.00	95.00 4.35 0.00	67.62 3.52 0.00	52.72 2.65 0.00	48.63 2.71 0.00	48.42 2.65 0.00	46.52 2.59 0.00	43.34 2.30 0.00	46.64 2.35 0.00	53.77 2.80 0.00	67.83 3.57 -0.45	92.30 4.48 0.00	109.02 5.29 0.00	95.38 4.54 0.00	73.43 3.43 0.00	69.05 3.16 0.00	58.81 2.10 0.00

PGE MADISON___WINDPWR 24146	64.63 3.54 0.00	57.22 3.09 0.00	57.89 3.23 0.00	58.87 3.70 0.00	59.54 3.84 0.00	73.08 5.04 0.00	96.62 7.73 0.00	138.69 11.45 0.00	97.72 7.07 0.00	67.88 3.78 0.00	52.32 2.25 0.00	47.85 1.93 0.00	47.32 1.56 0.00	45.20 1.27 0.00	42.56 1.52 0.00	46.19 1.90 0.00	53.36 2.40 0.00	67.09 3.45 0.16	93.80 5.97 0.00	111.30 7.57 0.00	97.10 6.27 0.00	74.13 4.13 0.00	69.25 3.36 0.00	59.49 2.78 0.00
PIERCEFIELD___HYD 23852	59.86 -1.22 0.00	53.00 -1.14 0.00	53.51 -1.15 0.00	53.90 -1.27 0.00	63.24 -1.17 -8.71	81.08 -1.29 -14.32	124.20 -1.60 -36.92	221.50 -2.16 -96.42	94.84 -2.18 -6.37	61.60 -2.50 0.00	48.27 -1.80 0.00	44.22 -1.70 0.00	43.98 -1.78 0.00	42.30 -1.63 0.00	39.65 -1.40 0.00	42.92 -1.37 0.00	49.44 -1.53 0.00	61.45 -2.36 0.00	84.75 -3.07 0.00	100.93 -2.80 0.00	87.75 -3.09 0.00	68.46 -1.54 0.00	64.31 -1.58 0.00	55.46 -1.25 0.00
PINELAWN_CC_1 323563	64.88 3.79 -0.01	57.34 3.19 -0.01	57.61 2.95 0.00	57.93 2.76 0.00	58.65 2.95 0.00	71.79 3.74 0.00	93.68 4.80 0.00	132.97 5.73 0.00	95.63 4.98 0.00	69.29 5.19 0.00	54.19 4.11 -0.01	49.88 3.95 -0.01	49.66 3.89 -0.01	47.49 3.56 0.00	44.08 3.04 0.00	47.70 3.41 0.00	55.15 4.18 -0.01	69.80 5.55 -0.44	94.77 6.94 -0.01	111.83 8.10 0.00	97.29 6.45 0.00	86.25 5.74 -10.50	76.56 5.40 -5.26	60.80 4.09 -0.01
PJM_GEN_HTP_PROXY 323702	63.40 2.32 0.00	56.14 2.00 0.00	56.63 1.96 0.00	57.05 1.88 0.00	57.54 1.84 0.00	70.49 2.45 0.00	93.06 4.18 0.00	134.36 7.12 0.00	95.22 5.44 0.86	69.25 4.30 -0.86	53.38 3.30 0.00	49.23 3.31 0.00	49.01 3.25 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.38 3.42 0.00	68.45 4.21 -0.43	93.18 5.36 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.99 3.99 0.00	69.51 3.62 0.00	59.15 2.44 0.00
PJM_GEN_KEystone 24065	60.35 -0.73 0.00	53.60 -0.54 0.00	54.12 -0.55 0.00	54.57 -0.61 0.00	55.14 -0.56 0.00	66.89 -1.16 0.00	87.64 -1.24 0.00	125.07 -2.16 0.00	87.61 -2.18 0.86	64.00 -0.96 -0.86	49.67 -0.40 0.00	45.41 -0.50 0.00	45.08 -0.69 0.00	43.27 -0.66 0.00	40.43 -0.61 0.00	43.45 -0.84 0.00	49.69 -1.27 0.00	60.64 -1.85 1.32	85.16 -2.28 0.38	101.45 -2.28 0.00	88.62 -2.18 0.03	68.18 -1.82 0.00	64.00 -1.78 0.11	55.58 -1.13 0.00
PJM_GEN_NEPTUNE_PROXY 323594	64.02 2.93 -0.01	56.64 2.49 -0.01	56.96 2.30 0.00	57.27 2.10 0.00	57.93 2.23 0.00	70.90 2.86 0.00	92.53 3.65 0.00	131.81 4.57 0.00	93.96 4.17 0.86	69.45 4.49 -0.86	53.53 3.45 -0.01	49.32 3.40 -0.01	49.16 3.39 -0.01	47.05 3.12 0.00	43.71 2.67 0.00	47.26 2.97 0.00	54.54 3.57 -0.01	68.85 4.60 -0.44	93.46 5.63 -0.01	110.27 6.54 0.00	96.01 5.18 0.00	79.01 4.48 -4.52	74.76 4.28 -4.59	59.89 3.17 -0.01
PJM_GEN_VFT_PROXY 323633	63.16 2.08 0.00	55.87 1.73 0.00	56.36 1.70 0.00	56.77 1.60 0.00	57.26 1.56 0.00	70.09 2.04 0.00	92.62 3.73 0.00	133.85 6.61 0.00	94.86 5.07 0.86	69.07 4.11 -0.86	53.23 3.16 0.00	49.08 3.17 0.00	48.88 3.11 0.00	46.96 3.03 0.00	43.67 2.63 0.00	46.99 2.70 0.00	54.12 3.16 0.01	62.22 3.83 5.42	88.37 4.83 4.28	109.42 5.70 0.01	95.64 4.81 0.01	73.56 3.57 0.01	67.48 3.23 1.64	58.80 2.10 0.01
PLATSBURG_115KV_PMLD1 355749	61.33 0.24 0.00	54.52 0.38 0.00	54.99 0.33 0.00	54.79 -0.39 0.00	55.92 0.22 0.00	67.23 -0.82 0.00	87.20 -1.69 0.00	125.33 -1.91 0.00	89.02 -1.63 0.00	62.37 -1.73 0.00	50.17 0.10 0.00	45.83 -0.09 0.00	45.72 -0.05 0.00	44.02 0.09 0.00	41.13 0.08 0.00	44.38 0.09 0.00	51.12 0.15 0.00	62.85 -0.96 0.00	85.45 -2.37 0.00	101.45 -2.28 0.00	88.48 -2.36 0.00	68.46 -1.54 0.00	64.90 -0.99 0.00	57.39 0.68 0.00
PLEASANTVLY___LBMP 24000	62.79 1.71 0.00	55.60 1.46 0.00	56.08 1.42 0.00	56.61 1.43 0.00	56.98 1.28 0.00	69.82 1.77 0.00	91.91 3.02 0.00	132.20 4.96 0.00	94.55 3.90 0.00	67.17 3.08 0.00	52.32 2.25 0.00	48.31 2.39 0.00	48.14 2.38 0.00	46.17 2.24 0.00	43.06 2.01 0.00	46.37 2.08 0.00	53.46 2.50 0.00	67.24 3.19 -0.23	91.86 4.04 0.00	108.40 4.67 0.00	94.92 4.09 0.00	73.08 3.08 0.00	68.73 2.83 0.00	58.64 1.93 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	63.16 2.08 0.00	55.87 1.73 0.00	56.41 1.75 0.00	56.88 1.71 0.00	57.26 1.56 0.00	70.16 2.11 0.00	92.53 3.64 0.00	133.22 5.98 0.00	95.27 4.62 0.00	67.69 3.59 0.00	52.73 2.65 0.00	48.67 2.76 0.00	48.51 2.75 0.00	46.52 2.59 0.00	43.34 2.30 0.00	46.68 2.39 0.00	53.87 2.90 0.00	67.75 3.64 -0.30	92.48 4.65 0.00	109.12 5.39 0.00	95.56 4.72 0.00	73.57 3.57 0.00	69.19 3.29 0.00	58.92 2.21 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	63.16 2.08 0.00	55.87 1.73 0.00	56.41 1.75 0.00	56.88 1.71 0.00	57.26 1.56 0.00	70.16 2.11 0.00	92.53 3.64 0.00	133.22 5.98 0.00	95.27 4.62 0.00	67.69 3.59 0.00	52.73 2.65 0.00	48.67 2.76 0.00	48.51 2.75 0.00	46.52 2.59 0.00	43.34 2.30 0.00	46.68 2.39 0.00	53.87 2.90 0.00	67.75 3.64 -0.30	92.48 4.65 0.00	109.12 5.39 0.00	95.56 4.72 0.00	73.57 3.57 0.00	69.19 3.29 0.00	58.92 2.21 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	63.16 2.08 0.00	55.98 1.84 0.00	56.52 1.86 0.00	56.99 1.82 0.00	57.43 1.73 0.00	70.43 2.38 0.00	92.80 3.91 0.00	133.35 6.11 0.00	95.27 4.62 0.00	67.43 3.33 0.00	52.42 2.35 0.00	48.35 2.43 0.00	48.19 2.43 0.00	46.26 2.33 0.00	43.10 2.05 0.00	46.42 2.13 0.00	53.67 2.70 0.00	67.38 3.51 -0.06	92.57 4.74 0.00	109.23 5.50 0.00	95.65 4.81 0.00	73.64 3.64 0.00	69.25 3.36 0.00	59.03 2.33 0.00
POLETTI___ 23519	63.34 2.26 0.00	55.98 1.84 0.00	56.47 1.80 0.00	56.94 1.77 0.00	57.37 1.67 0.00	70.29 2.25 0.00	92.97 4.09 0.00	133.98 6.74 0.00	96.00 5.35 0.00	68.26 4.17 0.00	53.23 3.15 0.00	49.18 3.26 0.00	48.97 3.20 0.00	47.00 3.08 0.00	43.71 2.67 0.00	47.04 2.75 0.00	54.23 3.26 0.00	68.26 4.02 -0.43	92.92 5.09 0.00	109.75 6.02 0.00	95.92 5.09 0.00	73.78 3.78 0.00	69.32 3.43 0.00	58.98 2.27 0.00
POMONA___ESR 323819	62.73 1.65 0.00	55.54 1.41 0.00	56.08 1.42 0.00	56.49 1.32 0.00	56.98 1.28 0.00	69.81 1.77 0.00	92.08 3.20 0.00	132.83 5.59 0.00	94.82 4.17 0.00	67.43 3.33 0.00	52.57 2.50 0.00	48.53 2.62 0.00	48.32 2.56 0.00	46.43 2.50 0.00	43.26 2.21 0.00	46.55 2.26 0.00	53.61 2.65 0.00	66.01 3.32 1.12	92.13 4.30 0.00	108.81 5.08 0.00	95.20 4.36 0.00	73.30 3.29 0.00	68.86 2.97 0.00	58.64 1.93 0.00
PORT_JEFF_3 23555	65.00 3.91 -0.01	57.45 3.30 -0.01	57.67 3.00 0.00	57.98 2.81 0.00	58.76 3.06 0.00	71.92 3.88 0.00	93.42 4.53 0.00	131.57 4.33 0.00	95.18 4.53 0.00	69.35 5.26 0.00	54.43 4.35 -0.01	50.10 4.18 -0.01	49.84 4.07 -0.01	47.40 3.47 0.00	43.87 2.83 0.00	47.52 3.23 0.00	55.10 4.13 -0.01	69.80 5.55 -0.44	94.60 6.76 -0.01	111.30 7.57 0.00	97.02 6.18 0.00	86.05 6.23 -9.82	77.09 5.93 -5.26	61.26 4.54 -0.01

PORT_JEFF_4 23616	65.00 3.91 -0.01	57.45 3.30 -0.01	57.67 3.00 0.00	57.98 2.81 0.00	58.76 3.06 0.00	71.92 3.88 0.00	93.42 4.53 0.00	131.57 4.33 0.00	95.18 4.53 0.00	69.35 5.26 0.00	54.43 4.35 -0.01	50.10 4.18 -0.01	49.84 4.07 -0.01	47.40 3.47 0.00	43.87 2.83 0.00	47.52 3.23 0.00	55.10 4.13 -0.01	69.80 5.55 -0.44	94.60 6.76 -0.01	111.30 7.57 0.00	97.02 6.18 0.00	86.05 6.23 -9.82	77.09 5.93 -5.26	61.26 4.54 -0.01
PORT_JEFF_IC 23713	65.00 3.91 -0.01	57.50 3.36 -0.01	57.72 3.06 0.00	58.10 2.92 0.00	58.82 3.12 0.00	72.06 4.01 0.00	94.48 5.60 0.00	131.82 4.58 0.00	96.36 5.71 0.00	69.42 5.32 0.00	54.54 4.46 -0.01	50.24 4.32 -0.01	49.98 4.21 -0.01	47.53 3.60 0.00	44.00 2.96 0.00	47.66 3.37 0.00	55.31 4.33 -0.01	70.06 5.81 -0.44	94.86 7.03 -0.01	111.61 7.88 0.00	97.29 6.45 0.00	86.29 6.44 -9.84	77.28 6.13 -5.26	61.31 4.59 -0.01
PPL_PILGRIM_ST_GT1 24216	65.37 4.27 -0.01	57.72 3.57 -0.01	58.00 3.33 0.00	58.31 3.14 0.00	59.04 3.34 0.00	72.27 4.22 0.00	94.13 5.24 0.00	133.35 6.11 0.00	96.00 5.35 0.00	69.74 5.64 0.00	54.59 4.51 -0.01	50.24 4.32 -0.01	50.03 4.26 -0.01	47.75 3.82 0.00	44.33 3.28 0.00	47.96 3.67 0.00	55.56 4.59 -0.01	70.38 6.13 -0.44	95.39 7.55 -0.01	112.34 8.60 0.00	97.83 6.99 0.00	86.30 6.37 -9.93	77.21 6.06 -5.26	61.37 4.65 -0.01
PPL_PILGRIM_ST_GT2 24217	65.37 4.27 -0.01	57.72 3.57 -0.01	58.00 3.33 0.00	58.31 3.14 0.00	59.04 3.34 0.00	72.27 4.22 0.00	94.13 5.24 0.00	133.35 6.11 0.00	96.00 5.35 0.00	69.74 5.64 0.00	54.59 4.51 -0.01	50.24 4.32 -0.01	50.03 4.26 -0.01	47.75 3.82 0.00	44.33 3.28 0.00	47.96 3.67 0.00	55.56 4.59 -0.01	70.38 6.13 -0.44	95.39 7.55 -0.01	112.34 8.60 0.00	97.83 6.99 0.00	86.30 6.37 -9.93	77.21 6.06 -5.26	61.37 4.65 -0.01
PPL_SHRM_GT3 24213	64.82 3.73 -0.01	57.23 3.08 -0.01	57.45 2.79 0.00	57.76 2.59 0.00	58.54 2.84 0.00	71.72 3.67 0.00	92.18 3.29 0.00	130.29 3.05 0.00	93.82 3.17 0.00	68.97 4.87 0.00	54.59 4.51 -0.01	50.15 4.22 -0.01	49.89 4.12 -0.01	47.53 3.60 0.00	44.08 3.04 0.00	47.79 3.50 0.00	55.56 4.59 -0.01	70.44 6.19 -0.44	94.94 7.11 -0.01	111.20 7.47 0.00	96.74 5.90 0.00	86.35 6.51 -9.83	77.62 6.46 -5.26	61.65 4.93 -0.01
PPL_SHRM_GT4 24214	64.82 3.73 -0.01	57.23 3.08 -0.01	57.45 2.79 0.00	57.76 2.59 0.00	58.54 2.84 0.00	71.72 3.67 0.00	92.18 3.29 0.00	130.29 3.05 0.00	93.82 3.17 0.00	68.97 4.87 0.00	54.59 4.51 -0.01	50.15 4.22 -0.01	49.89 4.12 -0.01	47.53 3.60 0.00	44.08 3.04 0.00	47.79 3.50 0.00	55.56 4.59 -0.01	70.44 6.19 -0.44	94.94 7.11 -0.01	111.20 7.47 0.00	96.74 5.90 0.00	86.35 6.51 -9.83	77.62 6.46 -5.26	61.65 4.93 -0.01
PROJECT___ORANGE 1 24174	60.59 -0.49 0.00	53.70 -0.43 0.00	54.22 -0.44 0.00	54.79 -0.39 0.00	55.52 -0.39 -0.21	67.84 -0.54 -0.34	89.23 -0.53 -0.87	128.84 -0.51 -2.11	90.06 -0.73 -0.14	63.58 -0.51 0.00	49.82 -0.25 0.00	45.55 -0.37 0.00	45.40 -0.37 0.00	43.53 -0.40 0.00	40.63 -0.41 0.00	43.85 -0.44 0.00	50.30 -0.66 0.00	63.05 -0.77 0.00	87.03 -0.79 0.00	102.90 -0.83 0.00	90.11 -0.73 0.00	69.30 -0.70 0.00	65.17 -0.72 0.00	56.14 -0.57 0.00
PROJECT___ORANGE 2 24166	60.59 -0.49 0.00	53.70 -0.43 0.00	54.22 -0.44 0.00	54.79 -0.39 0.00	55.52 -0.39 -0.21	67.84 -0.54 -0.34	89.23 -0.53 -0.87	128.84 -0.51 -2.11	90.06 -0.73 -0.14	63.58 -0.51 0.00	49.82 -0.25 0.00	45.55 -0.37 0.00	45.40 -0.37 0.00	43.53 -0.40 0.00	40.63 -0.41 0.00	43.85 -0.44 0.00	50.30 -0.66 0.00	63.05 -0.77 0.00	87.03 -0.79 0.00	102.90 -0.83 0.00	90.11 -0.73 0.00	69.30 -0.70 0.00	65.17 -0.72 0.00	56.14 -0.57 0.00
PUCKETT___SOLAR 323809	62.00 0.92 0.00	55.00 0.86 0.00	55.59 0.93 0.00	56.17 0.99 0.00	56.81 1.11 0.00	69.34 1.29 0.00	90.93 2.05 0.00	129.78 2.54 0.00	91.65 1.00 0.00	64.61 0.51 0.00	50.32 0.25 0.00	45.92 0.00 0.00	45.63 -0.14 0.00	43.75 -0.18 0.00	40.92 -0.12 0.00	44.33 0.04 0.00	50.91 -0.05 0.00	63.83 0.19 0.18	88.85 1.06 0.03	105.39 1.65 0.00	92.09 1.27 0.01	70.70 0.70 0.00	66.42 0.52 0.00	57.33 0.62 0.00
PYRITES___HYD 24023	61.27 0.18 0.00	54.24 0.11 0.00	54.77 0.11 0.00	55.23 0.06 0.00	65.64 0.39 -9.55	84.29 0.54 -15.69	130.14 0.80 -40.46	234.00 1.15 -105.61	97.42 -0.18 -6.96	62.82 -1.28 0.00	49.17 -0.90 0.00	44.95 -0.96 0.00	44.71 -1.05 0.00	43.05 -0.88 0.00	40.35 -0.70 0.00	43.71 -0.58 0.00	50.40 -0.56 0.00	62.73 -1.08 0.00	86.68 -1.14 0.00	103.42 -0.31 0.00	89.93 -0.91 0.00	70.00 0.00 0.00	65.69 -0.20 0.00	56.77 0.06 0.00
QUAKERRD_115KV_BK1 80622	58.64 -2.44 0.00	52.03 -2.11 0.00	52.48 -2.19 0.00	53.13 -2.04 0.00	53.53 -2.17 0.00	65.26 -2.79 0.00	85.06 -3.82 0.00	121.89 -5.34 0.00	86.21 -4.44 0.00	61.09 -3.01 0.00	48.07 -2.00 0.00	43.76 -2.16 0.00	43.47 -2.29 0.00	41.65 -2.28 0.00	38.95 -2.09 0.00	41.99 -2.30 0.00	48.11 -2.85 0.00	60.54 -3.32 -0.04	83.30 -4.57 -0.04	98.44 -5.29 0.00	86.13 -4.72 -0.02	66.23 -3.78 0.00	62.27 -3.62 0.00	53.99 -2.72 0.00
QUENSBRY_115KV_TB8 356137	62.12 1.04 0.00	55.11 0.97 0.00	55.76 1.09 0.00	56.33 1.16 0.00	56.70 1.00 0.00	69.68 1.63 0.00	91.91 3.02 0.00	131.95 4.71 0.00	93.10 2.45 0.00	65.32 1.22 0.00	50.42 0.35 0.00	46.19 0.28 0.00	46.08 0.32 0.00	44.15 0.22 0.00	41.17 0.12 0.00	44.78 0.49 0.00	52.04 1.07 0.00	65.93 2.04 -0.07	91.25 3.43 0.00	107.57 3.84 0.00	94.38 3.54 0.00	72.52 2.52 0.00	68.00 2.11 0.00	58.13 1.42 0.00
RAMAPO___LBMP 323565	62.55 1.47 0.00	55.38 1.25 0.00	55.86 1.20 0.00	56.33 1.16 0.00	56.81 1.11 0.00	69.48 1.43 0.00	91.73 2.84 0.00	132.20 4.96 0.00	94.46 3.81 0.00	67.17 3.08 0.00	52.37 2.30 0.00	48.40 2.48 0.00	48.23 2.47 0.00	46.26 2.33 0.00	43.14 2.09 0.00	46.37 2.08 0.00	53.41 2.45 0.00	65.78 3.06 1.10	91.78 3.95 0.00	108.40 4.67 0.00	94.83 4.00 0.00	73.01 3.01 0.00	68.59 2.70 0.00	58.41 1.70 0.00
RANKINE___ 23646	58.21 -2.87 0.00	51.92 -2.22 0.00	52.42 -2.24 0.00	53.19 -1.99 0.00	53.47 -2.23 0.00	64.37 -3.67 0.00	83.02 -5.87 0.00	116.17 -11.07 0.00	81.58 -9.06 0.00	58.33 -5.77 0.00	46.67 -3.40 0.00	42.15 -3.77 0.00	41.55 -4.21 0.00	39.80 -4.13 0.00	37.31 -3.74 0.00	40.13 -4.16 0.00	45.31 -5.66 0.00	55.88 -7.66 0.28	78.03 -9.57 0.22	93.05 -10.68 0.00	81.02 -9.72 0.09	62.29 -7.70 0.01	58.84 -7.05 0.00	52.51 -4.20 0.00
RAVENSWOOD_GT2_1 24244	63.53 2.44 0.00	56.14 2.00 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.54 1.84 0.00	70.43 2.38 0.00	93.15 4.27 0.00	134.24 7.00 0.00	96.18 5.53 0.00	68.39 4.29 0.00	53.38 3.30 0.00	49.27 3.35 0.00	49.06 3.29 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.12 2.83 0.00	54.33 3.36 0.00	68.39 4.15 -0.43	93.09 5.27 0.00	109.95 6.22 0.00	96.11 5.27 0.00	73.92 3.92 0.00	69.45 3.56 0.00	59.15 2.44 0.00



RAVENSWOOD_GT_9 24257	63.53 2.44 0.00	56.14 2.00 0.00	56.63 1.97 0.00	57.05 1.88 0.00	57.54 1.84 0.00	70.43 2.38 0.00	93.15 4.27 0.00	134.24 7.00 0.00	96.18 5.53 0.00	68.39 4.29 0.00	53.38 3.30 0.00	49.27 3.35 0.00	49.06 3.29 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.12 2.83 0.00	54.33 3.36 0.00	68.39 4.15 -0.43	93.18 5.36 0.00	110.06 6.33 0.00	96.11 5.27 0.00	73.92 3.92 0.00	69.45 3.56 0.00	59.15 2.44 0.00
RAVENSWOOD___1 23533	63.65 2.56 0.00	56.30 2.17 0.00	56.79 2.13 0.00	57.15 1.98 0.00	57.70 2.00 0.00	70.49 2.45 0.00	93.06 4.18 0.00	134.49 7.25 0.00	96.27 5.62 0.00	68.58 4.49 0.00	53.52 3.45 0.00	49.41 3.49 0.00	49.15 3.39 0.00	47.23 3.30 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.45 4.21 -0.43	93.18 5.36 0.00	110.16 6.43 0.00	96.19 5.36 0.00	73.99 3.99 0.00	69.51 3.62 0.00	59.26 2.55 0.00
RAVENSWOOD___2 23534	63.65 2.56 0.00	56.30 2.17 0.00	56.74 2.08 0.00	57.15 1.98 0.00	57.70 2.00 0.00	70.43 2.38 0.00	93.06 4.18 0.00	134.49 7.25 0.00	96.27 5.62 0.00	68.58 4.49 0.00	53.52 3.45 0.00	49.36 3.45 0.00	49.15 3.39 0.00	47.23 3.30 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.45 4.21 -0.43	93.09 5.27 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.92 3.92 0.00	69.45 3.56 0.00	59.20 2.49 0.00
RAVENSWOOD___3 23535	63.46 2.38 0.00	56.14 2.00 0.00	56.63 1.96 0.00	57.05 1.88 0.00	57.60 1.89 0.00	70.43 2.38 0.00	93.06 4.18 0.00	134.36 7.12 0.00	96.09 5.44 0.00	68.39 4.30 0.00	53.38 3.30 0.00	49.23 3.31 0.00	49.01 3.25 0.00	47.09 3.16 0.00	43.79 2.75 0.00	47.13 2.84 0.00	54.38 3.42 0.00	68.39 4.15 -0.43	93.09 5.27 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.99 3.99 0.00	69.45 3.56 0.00	59.15 2.44 0.00
RAVENSWOOD___4 23820	63.65 2.56 0.00	56.25 2.11 0.00	56.74 2.08 0.00	57.15 1.98 0.00	57.65 1.95 0.00	70.43 2.38 0.00	93.06 4.18 0.00	134.49 7.25 0.00	96.27 5.62 0.00	68.58 4.49 0.00	53.52 3.45 0.00	49.36 3.45 0.00	49.15 3.39 0.00	47.23 3.30 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.39 4.15 -0.43	93.09 5.27 0.00	110.06 6.33 0.00	96.10 5.27 0.00	73.92 3.92 0.00	69.45 3.56 0.00	59.20 2.49 0.00
RCPI_TRUST___DRP 24196	63.53 2.44 0.00	56.19 2.06 0.00	56.68 2.02 0.00	57.16 1.99 0.00	57.59 1.89 0.00	70.56 2.52 0.00	93.33 4.44 0.00	134.49 7.25 0.00	96.36 5.71 0.00	68.52 4.42 0.00	53.43 3.35 0.00	49.36 3.44 0.00	49.15 3.39 0.00	47.14 3.21 0.00	43.88 2.83 0.00	47.17 2.88 0.00	54.43 3.47 0.00	68.52 4.28 -0.43	93.27 5.45 0.00	110.16 6.43 0.00	96.29 5.45 0.00	74.06 4.06 0.00	69.58 3.69 0.00	59.20 2.50 0.00
RED___ROCHESTER 323720	60.04 -1.04 0.00	53.27 -0.87 0.00	53.73 -0.93 0.00	54.35 -0.83 0.00	54.87 -0.83 0.00	66.75 -1.29 0.00	86.93 -1.96 0.00	124.18 -3.05 0.00	87.84 -2.81 0.00	62.30 -1.79 0.00	49.12 -0.95 0.00	44.58 -1.33 0.00	44.30 -1.47 0.00	42.35 -1.58 0.00	39.65 -1.40 0.00	42.74 -1.55 0.00	48.92 -2.04 0.00	61.64 -2.24 -0.07	84.82 -3.08 -0.07	100.10 -3.63 0.00	87.68 -3.18 -0.03	67.42 -2.59 0.00	63.32 -2.57 0.00	55.06 -1.65 0.00
REGAN___SOLAR 323812	64.20 3.11 0.00	56.84 2.71 0.00	57.50 2.84 0.00	58.15 2.98 0.00	58.65 2.95 0.00	72.20 4.15 0.00	95.20 6.31 0.00	136.14 8.90 0.00	94.18 3.53 0.00	64.93 0.83 0.00	49.67 -0.40 0.00	45.50 -0.41 0.00	45.39 -0.37 0.00	43.49 -0.44 0.00	40.59 -0.45 0.00	44.11 -0.18 0.00	51.58 0.61 0.00	66.34 2.49 -0.05	93.45 5.63 0.00	111.20 7.47 0.00	97.38 6.54 0.00	74.77 4.76 0.00	70.05 4.15 0.00	59.77 3.06 0.00
RENSSELAER___COGEN 23796	61.27 0.18 0.00	54.46 0.33 0.00	54.94 0.27 0.00	55.45 0.28 0.00	55.76 0.06 0.00	68.25 0.20 0.00	89.42 0.54 0.00	127.75 0.51 0.00	91.29 0.64 0.00	64.48 0.39 0.00	50.17 0.10 0.00	46.15 0.23 0.00	46.08 0.32 0.00	44.37 0.44 0.00	41.45 0.41 0.00	44.78 0.49 0.00	51.63 0.66 0.00	64.91 1.02 -0.08	88.96 1.14 0.00	104.56 0.83 0.00	91.84 1.00 0.00	70.85 0.84 0.00	66.88 0.99 0.00	57.39 0.68 0.00
REPUBLIC_115KV_BARTNBRK 55605	63.40 2.32 0.00	56.25 2.11 0.00	56.96 2.30 0.00	57.65 2.48 0.00	58.04 2.34 0.00	71.79 3.74 0.00	94.84 5.96 0.00	136.15 8.91 0.00	95.09 4.44 0.00	66.34 2.24 0.00	50.82 0.75 0.00	46.42 0.51 0.00	46.31 0.55 0.00	44.28 0.35 0.00	41.21 0.16 0.00	45.04 0.75 0.00	52.70 1.73 0.00	67.20 3.32 -0.07	93.62 5.80 0.00	110.78 7.05 0.00	97.10 6.27 0.00	74.41 4.41 0.00	69.58 3.69 0.00	59.20 2.50 0.00
REVERE_CPDRP 24186	62.85 1.77 0.00	55.65 1.52 0.00	56.19 1.53 0.00	56.94 1.77 0.00	58.27 1.78 -0.79	71.79 2.45 -1.30	95.96 3.73 -3.34	140.39 5.98 -7.17	95.02 3.90 -0.47	66.21 2.12 0.00	51.32 1.25 0.00	47.02 1.10 0.00	46.72 0.96 0.00	44.76 0.83 0.00	41.99 0.94 0.00	45.35 1.06 0.00	52.24 1.27 0.00	65.66 1.85 0.00	90.99 3.16 0.00	107.78 4.05 0.00	94.11 3.27 0.00	72.45 2.45 0.00	67.80 1.91 0.00	58.18 1.47 0.00
REYNOLDPA_13_KV_LD 356490	60.66 -0.42 0.00	53.60 -0.54 0.00	54.06 -0.60 0.00	54.57 -0.61 0.00	53.90 -0.17 1.63	64.96 -0.41 2.69	81.34 -0.62 6.92	109.04 -0.25 17.94	88.73 -0.73 1.19	63.58 -0.52 0.00	50.27 0.20 0.00	46.06 0.14 0.00	45.99 0.23 0.00	44.06 0.13 0.00	41.17 0.12 0.00	44.42 0.13 0.00	51.12 0.15 0.00	62.73 -1.09 0.00	86.25 -1.58 0.00	102.28 -1.45 0.00	89.20 -1.63 0.00	69.02 -0.98 0.00	65.10 -0.79 0.00	56.20 -0.51 0.00
REYNOLDS_115KV_TB3 80639	61.51 0.43 0.00	54.62 0.49 0.00	55.15 0.49 0.00	55.61 0.44 0.00	55.92 0.22 0.00	68.46 0.41 0.00	89.68 0.80 0.00	128.00 0.76 0.00	91.65 1.00 0.00	64.87 0.77 0.00	50.37 0.30 0.00	46.38 0.46 0.00	46.27 0.50 0.00	44.54 0.62 0.00	41.62 0.57 0.00	45.00 0.71 0.00	51.88 0.92 0.00	65.24 1.34 -0.09	89.40 1.58 0.00	104.98 1.24 0.00	92.29 1.45 0.00	71.26 1.26 0.00	67.21 1.32 0.00	57.62 0.91 0.00
RIVERBAY___ 323610	64.69 3.60 0.00	57.11 2.98 0.00	57.61 2.95 0.00	58.10 2.92 0.00	58.60 2.90 0.00	71.38 3.33 0.00	94.13 5.24 0.00	135.76 8.52 0.00	97.36 6.71 0.00	69.16 5.06 0.00	53.93 3.86 0.00	49.78 3.86 0.00	49.56 3.80 0.00	47.53 3.60 0.00	44.16 3.12 0.00	47.52 3.23 0.00	54.89 3.92 0.00	68.84 4.59 -0.43	93.88 6.06 0.00	111.10 7.36 0.00	96.92 6.09 0.00	74.62 4.62 0.00	70.17 4.28 0.00	59.94 3.23 0.00
RIVERSDE_115KV_TB3 55908	61.51 0.43 0.00	54.62 0.49 0.00	55.15 0.49 0.00	55.67 0.50 0.00	55.98 0.28 0.00	68.46 0.41 0.00	89.77 0.89 0.00	128.26 1.02 0.00	91.74 1.09 0.00	64.93 0.83 0.00	50.42 0.35 0.00	46.38 0.46 0.00	46.31 0.55 0.00	44.59 0.66 0.00	41.66 0.62 0.00	45.00 0.71 0.00	51.88 0.92 0.00	65.24 1.34 -0.09	89.40 1.58 0.00	105.08 1.35 0.00	92.38 1.54 0.00	71.26 1.26 0.00	67.21 1.32 0.00	57.62 0.91 0.00

ROARING___BROOK_WT_PWR 323790	60.84 -0.24 0.00	53.92 -0.22 0.00	54.39 -0.27 0.00	54.95 -0.22 0.00	55.29 -0.17 0.25	67.37 -0.27 0.41	87.56 -0.27 1.06	124.26 -0.25 2.72	90.20 -0.27 0.18	63.84 -0.26 0.00	49.92 -0.15 0.00	45.78 -0.14 0.00	45.67 -0.09 0.00	43.80 -0.13 0.00	40.96 -0.08 0.00	44.20 -0.09 0.00	50.86 -0.10 0.00	63.49 -0.32 0.00	87.39 -0.44 0.00	103.32 -0.41 0.00	90.38 -0.45 0.00	69.73 -0.28 0.00	65.63 -0.26 0.00	56.54 -0.17 0.00
ROCHESRG_115KV_T4 355643	59.25 -1.83 0.00	52.57 -1.57 0.00	53.02 -1.64 0.00	53.68 -1.49 0.00	54.09 -1.62 0.00	65.87 -2.18 0.00	85.68 -3.20 0.00	122.40 -4.84 0.00	86.57 -4.08 0.00	61.41 -2.69 0.00	48.47 -1.60 0.00	44.04 -1.88 0.00	43.75 -2.01 0.00	41.86 -2.06 0.00	39.20 -1.85 0.00	42.25 -2.04 0.00	48.31 -2.65 0.00	60.81 -3.06 -0.06	83.67 -4.22 -0.06	98.86 -4.88 0.00	86.50 -4.36 -0.02	66.51 -3.50 0.00	62.60 -3.29 0.00	54.44 -2.27 0.00
ROCHESTER_9_IC 23652	59.68 -1.40 0.00	52.95 -1.19 0.00	53.40 -1.26 0.00	54.07 -1.10 0.00	54.48 -1.23 0.00	66.35 -1.70 0.00	86.40 -2.49 0.00	123.55 -3.69 0.00	87.39 -3.26 0.00	61.92 -2.18 0.00	48.87 -1.20 0.00	44.40 -1.52 0.00	44.07 -1.69 0.00	42.17 -1.76 0.00	39.48 -1.56 0.00	42.56 -1.73 0.00	48.67 -2.29 0.00	61.33 -2.55 -0.07	84.29 -3.60 -0.07	99.69 -4.05 0.00	87.23 -3.63 -0.03	67.00 -3.01 0.00	63.06 -2.83 0.00	54.84 -1.87 0.00
ROCKVIEW_13_KV_LD 356306	63.53 2.44 0.00	56.19 2.06 0.00	56.68 2.02 0.00	57.16 1.99 0.00	57.59 1.89 0.00	70.63 2.59 0.00	93.24 4.36 0.00	134.36 7.13 0.00	96.18 5.53 0.00	68.33 4.23 0.00	53.28 3.20 0.00	49.22 3.31 0.00	49.01 3.25 0.00	47.05 3.12 0.00	43.79 2.75 0.00	47.12 2.83 0.00	54.38 3.41 0.00	68.52 4.28 -0.43	93.36 5.53 0.00	110.27 6.54 0.00	96.38 5.54 0.00	74.20 4.20 0.00	69.71 3.82 0.00	59.26 2.55 0.00
ROME____115KV_TB2 80656	62.85 1.77 0.00	55.65 1.52 0.00	56.19 1.53 0.00	56.94 1.77 0.00	58.27 1.78 -0.79	71.79 2.45 -1.30	95.96 3.73 -3.34	140.39 5.98 -7.17	95.02 3.90 -0.47	66.21 2.12 0.00	51.32 1.10 0.00	47.02 0.96 0.00	46.72 0.83 0.00	44.76 0.94 0.00	41.99 1.06 0.00	45.35 1.27 0.00	52.24 1.85 0.00	65.66 3.16 0.00	90.99 4.05 0.00	107.78 5.32 0.00	94.11 3.27 0.00	72.45 2.45 0.00	67.80 1.91 0.00	58.18 1.47 0.00
ROSETON___1 23587	62.73 1.65 0.00	55.60 1.46 0.00	56.14 1.48 0.00	56.55 1.38 0.00	57.04 1.33 0.00	69.81 1.77 0.00	91.81 2.93 0.00	132.20 4.96 0.00	94.46 3.81 0.00	67.11 3.01 0.00	52.33 2.26 0.00	48.21 2.29 0.00	48.05 2.29 0.00	46.17 2.24 0.00	43.01 1.97 0.00	46.33 2.04 0.00	53.46 2.50 0.00	67.16 3.13 -0.22	91.78 3.96 0.00	108.29 4.56 0.00	94.83 3.99 0.00	73.08 3.08 0.00	68.72 2.83 0.00	58.69 1.98 0.00
ROSETON___2 23588	62.73 1.65 0.00	55.60 1.46 0.00	56.14 1.48 0.00	56.55 1.38 0.00	57.04 1.33 0.00	69.81 1.77 0.00	91.81 2.93 0.00	132.20 4.96 0.00	94.46 3.81 0.00	67.11 3.01 0.00	52.33 2.26 0.00	48.21 2.29 0.00	48.05 2.29 0.00	46.17 2.24 0.00	43.01 1.97 0.00	46.33 2.04 0.00	53.46 2.50 0.00	67.16 3.13 -0.22	91.78 3.96 0.00	108.29 4.56 0.00	94.83 3.99 0.00	73.08 3.08 0.00	68.72 2.83 0.00	58.69 1.98 0.00
ROTTRDAM_115KV_TB3 80664	62.06 0.98 0.00	55.00 0.87 0.00	55.54 0.87 0.00	56.11 0.94 0.00	56.48 0.78 0.00	69.20 1.16 0.00	90.66 1.78 0.00	129.78 2.54 0.00	92.28 1.63 0.00	65.12 1.03 0.00	50.62 0.55 0.00	46.47 0.55 0.00	46.36 0.59 0.00	44.50 0.57 0.00	41.58 0.53 0.00	44.95 0.66 0.00	51.93 0.97 0.00	65.35 1.47 -0.07	90.02 2.20 0.00	106.12 2.39 0.00	93.11 2.27 0.00	71.68 1.68 0.00	67.47 1.58 0.00	57.84 1.13 0.00
RUSSELL___1 23602	59.92 -1.16 0.00	53.16 -0.97 0.00	53.62 -1.04 0.00	54.29 -0.88 0.00	54.70 -1.00 0.00	66.62 -1.43 0.00	86.75 -2.13 0.00	124.06 -3.18 0.00	87.75 -2.90 0.00	62.24 -1.86 0.00	49.12 -0.95 0.00	44.59 -1.33 0.00	44.30 -1.46 0.00	42.35 -1.58 0.00	39.65 -1.40 0.00	42.74 -1.55 0.00	48.93 -2.04 0.00	61.65 -2.23 -0.07	84.73 -3.16 -0.07	100.10 -3.63 0.00	87.59 -3.27 -0.03	67.35 -2.66 0.00	63.32 -2.57 0.00	55.07 -1.64 0.00
RUSSELL___2 23532	59.92 -1.16 0.00	53.16 -0.97 0.00	53.62 -1.04 0.00	54.29 -0.88 0.00	54.70 -1.00 0.00	66.62 -1.43 0.00	86.75 -2.13 0.00	124.06 -3.18 0.00	87.75 -2.90 0.00	62.24 -1.86 0.00	49.12 -0.95 0.00	44.59 -1.33 0.00	44.30 -1.46 0.00	42.35 -1.58 0.00	39.65 -1.40 0.00	42.74 -1.55 0.00	48.93 -2.04 0.00	61.65 -2.23 -0.07	84.73 -3.16 -0.07	100.10 -3.63 0.00	87.59 -3.27 -0.03	67.35 -2.66 0.00	63.32 -2.57 0.00	55.07 -1.64 0.00
RUSSELL___3 23549	59.92 -1.16 0.00	53.16 -0.97 0.00	53.62 -1.04 0.00	54.29 -0.88 0.00	54.70 -1.00 0.00	66.62 -1.43 0.00	86.75 -2.13 0.00	124.06 -3.18 0.00	87.75 -2.90 0.00	62.24 -1.86 0.00	49.12 -0.95 0.00	44.59 -1.33 0.00	44.30 -1.46 0.00	42.35 -1.58 0.00	39.65 -1.40 0.00	42.74 -1.55 0.00	48.93 -2.04 0.00	61.65 -2.23 -0.07	84.73 -3.16 -0.07	100.10 -3.63 0.00	87.59 -3.27 -0.03	67.35 -2.66 0.00	63.32 -2.57 0.00	55.07 -1.64 0.00
RUSSELL___4 23556	59.92 -1.16 0.00	53.16 -0.97 0.00	53.62 -1.04 0.00	54.29 -0.88 0.00	54.70 -1.00 0.00	66.62 -1.43 0.00	86.75 -2.13 0.00	124.06 -3.18 0.00	87.75 -2.90 0.00	62.24 -1.86 0.00	49.12 -0.95 0.00	44.59 -1.33 0.00	44.30 -1.46 0.00	42.35 -1.58 0.00	39.65 -1.40 0.00	42.74 -1.55 0.00	48.93 -2.04 0.00	61.65 -2.23 -0.07	84.73 -3.16 -0.07	100.10 -3.63 0.00	87.59 -3.27 -0.03	67.35 -2.66 0.00	63.32 -2.57 0.00	55.07 -1.64 0.00
RUSSELL___STATION 23914	59.92 -1.16 0.00	53.16 -0.97 0.00	53.62 -1.04 0.00	54.29 -0.88 0.00	54.70 -1.00 0.00	66.62 -1.43 0.00	86.75 -2.13 0.00	124.06 -3.18 0.00	87.75 -2.90 0.00	62.24 -1.86 0.00	49.12 -0.95 0.00	44.59 -1.33 0.00	44.30 -1.46 0.00	42.35 -1.58 0.00	39.65 -1.40 0.00	42.74 -1.55 0.00	48.93 -2.04 0.00	61.65 -2.23 -0.07	84.73 -3.16 -0.07	100.10 -3.63 0.00	87.59 -3.27 -0.03	67.35 -2.66 0.00	63.32 -2.57 0.00	55.07 -1.64 0.00
S SALMON___HYD 24043	60.53 -0.55 0.00	53.60 -0.54 0.00	54.12 -0.55 0.00	54.84 -0.33 0.00	56.94 -0.22 -1.46	70.52 0.07 -2.40	95.71 0.63 -6.20	144.38 0.77 -16.37	91.55 -0.18 -1.08	63.14 -0.96 0.00	48.87 -1.20 0.00	44.77 -1.15 0.00	44.48 -1.28 0.00	42.57 -1.36 0.00	39.98 -1.07 0.00	43.36 -0.93 0.00	50.00 -0.97 0.00	63.05 -0.76 0.00	87.65 -0.18 0.00	104.15 0.42 0.00	91.02 0.18 0.00	70.00 0.00 0.00	65.36 -0.53 0.00	56.03 -0.68 0.00
S.PERRY__115KV_TB1 80734	61.45 0.37 0.00	54.62 0.49 0.00	55.21 0.55 0.00	55.94 0.77 0.00	56.54 0.84 0.00	68.80 0.75 0.00	89.86 0.98 0.00	127.87 0.64 0.00	89.29 -1.36 0.00	62.88 -1.22 0.00	49.47 -0.60 0.00	44.68 -1.24 0.00	44.21 -1.56 0.00	42.35 -1.58 0.00	39.61 -1.44 0.00	42.65 -1.64 0.00	48.72 -2.24 0.00	61.49 -2.23 0.09	85.86 -1.93 0.03	102.49 -1.24 0.00	89.64 -1.18 0.01	68.60 -1.40 0.00	64.31 -1.58 0.00	56.14 -0.57 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	57.36 -3.73 0.00	51.10 -3.03 0.00	51.60 -3.06 0.00	52.30 -2.87 0.00	52.64 -3.06 0.00	63.28 -4.76 0.00	81.42 -7.47 0.00	114.39 -12.85 0.00	80.41 -10.24 0.00	57.50 -6.60 0.00	46.07 -4.01 0.00	41.60 -4.32 0.00	41.00 -4.76 0.00	39.27 -4.66 0.00	36.86 -4.19 0.00	39.68 -4.61 0.00	44.80 -6.17 0.00	55.50 -8.04 0.28	77.07 -10.54 0.22	91.70 -12.03 0.00	79.94 -10.81 0.09	61.46 -8.54 0.01	58.18 -7.71 0.00	51.83 -4.88 0.00
SAWYER__23_KV_LOAD 55526	57.36 -3.73 0.00	51.10 -3.03 0.00	51.60 -3.06 0.00	52.30 -2.87 0.00	52.64 -3.06 0.00	63.28 -4.76 0.00	81.42 -7.47 0.00	114.39 -12.85 0.00	80.41 -10.24 0.00	57.50 -6.60 0.00	46.07 -4.01 0.00	41.60 -4.32 0.00	41.00 -4.76 0.00	39.27 -4.66 0.00	36.86 -4.19 0.00	39.68 -4.61 0.00	44.80 -6.17 0.00	55.50 -8.04 0.28	77.07 -10.54 0.22	91.70 -12.03 0.00	79.94 -10.81 0.09	61.46 -8.54 0.01	58.18 -7.71 0.00	51.83 -4.88 0.00
SELKIRK__I 23801	62.24 1.16 0.00	55.22 1.08 0.00	55.81 1.15 0.00	56.33 1.16 0.00	56.70 1.00 0.00	69.41 1.36 0.00	90.84 1.95 0.00	129.78 2.54 0.00	92.28 1.63 0.00	65.12 1.02 0.00	50.57 0.50 0.00	46.42 0.51 0.00	46.36 0.59 0.00	44.59 0.66 0.00	41.62 0.57 0.00	45.00 0.71 0.00	51.93 0.97 0.00	65.48 1.60 -0.07	90.02 2.20 0.00	106.12 2.39 0.00	93.11 2.27 0.00	71.76 1.75 0.00	67.67 1.78 0.00	58.13 1.42 0.00
SELKIRK__II 23799	61.51 0.43 0.00	54.62 0.49 0.00	55.15 0.49 0.00	55.67 0.50 0.00	56.04 0.34 0.00	68.53 0.48 0.00	89.77 0.89 0.00	128.38 1.14 0.00	91.65 1.00 0.00	64.80 0.71 0.00	50.47 0.40 0.00	46.38 0.46 0.00	46.31 0.55 0.00	44.54 0.61 0.00	41.62 0.57 0.00	44.91 0.62 0.00	51.78 0.81 0.00	65.04 1.15 -0.08	89.22 1.40 0.00	104.98 1.25 0.00	92.20 1.36 0.00	71.12 1.12 0.00	67.08 1.19 0.00	57.56 0.85 0.00
SENECA OSWGO__HYD 24041	60.04 -1.04 0.00	53.22 -0.92 0.00	53.73 -0.93 0.00	54.23 -0.94 0.00	55.14 -0.89 -0.33	67.50 -1.09 -0.54	88.96 -1.33 -1.40	129.07 -1.78 -3.62	89.26 -1.63 -0.24	62.88 -1.22 0.00	49.12 -0.95 0.00	44.95 -0.97 0.00	44.76 -1.01 0.00	42.92 -1.01 0.00	40.10 -0.94 0.00	43.32 -0.97 0.00	49.74 -1.22 0.00	62.47 -1.34 0.00	86.25 -1.58 0.00	101.97 -1.76 0.00	89.29 -1.54 0.00	68.75 -1.26 0.00	64.57 -1.32 0.00	55.63 -1.08 0.00
SENECA__115KV_TB3 355854	58.58 -2.51 0.00	52.24 -1.90 0.00	52.80 -1.86 0.00	53.40 -1.77 0.00	53.86 -1.84 0.00	64.58 -3.47 0.00	83.37 -5.51 0.00	116.68 -10.56 0.00	81.95 -8.70 0.00	58.58 -5.51 0.00	46.77 -3.31 0.00	42.24 -3.68 0.00	41.60 -4.16 0.00	39.85 -4.08 0.00	37.35 -3.69 0.00	40.17 -4.12 0.00	45.36 -5.61 0.00	56.07 -7.47 0.28	78.21 -9.40 0.22	93.26 -10.47 0.00	81.21 -9.54 0.09	62.43 -7.56 0.01	58.91 -6.99 0.00	52.57 -4.14 0.00
SENECA__ENERGY 23797	60.59 -0.49 0.00	53.81 -0.32 0.00	54.34 -0.33 0.00	54.90 -0.27 0.00	55.53 -0.17 0.00	67.64 -0.41 0.00	88.35 -0.53 0.00	126.35 -0.88 0.00	89.19 -1.45 0.00	63.26 -0.84 0.00	49.57 -0.50 0.00	45.18 -0.74 0.00	44.89 -0.87 0.00	43.05 -0.88 0.00	40.18 -0.86 0.00	43.45 -0.84 0.00	49.74 -1.22 0.00	62.42 -1.34 0.05	86.25 -1.58 0.00	102.18 -1.55 0.00	89.48 -1.36 0.00	68.81 -1.19 0.00	64.64 -1.25 0.00	55.97 -0.74 0.00
SHOEMAKER__GT 23640	62.24 1.16 0.00	55.16 1.03 0.00	55.70 1.04 0.00	56.17 0.99 0.00	56.65 0.95 0.00	69.41 1.36 0.00	91.46 2.58 0.00	131.81 4.57 0.00	93.82 3.17 0.00	66.59 2.50 0.00	51.82 1.75 0.00	47.80 1.88 0.00	47.59 1.83 0.00	45.73 1.80 0.00	42.69 1.64 0.00	45.88 1.59 0.00	52.95 1.99 0.00	65.43 2.56 0.94	91.16 3.34 0.00	107.88 4.15 0.00	94.38 3.54 0.00	72.60 2.59 0.00	68.26 2.37 0.00	58.18 1.47 0.00
SHOEMAKR_138KV_BK 111 55601	62.24 1.16 0.00	55.11 0.97 0.00	55.65 0.98 0.00	56.16 0.99 0.00	56.59 0.89 0.00	69.34 1.29 0.00	91.46 2.58 0.00	131.69 4.45 0.00	93.91 3.26 0.00	66.60 2.50 0.00	51.87 1.80 0.00	47.85 1.93 0.00	47.68 1.92 0.00	45.77 1.85 0.00	42.69 1.64 0.00	45.88 1.59 0.00	52.95 1.99 0.00	65.44 2.55 0.93	91.16 3.34 0.00	107.78 4.05 0.00	94.29 3.45 0.00	72.59 2.59 0.00	68.26 2.37 0.00	58.13 1.42 0.00
SHOREHAM_IC_1 23715	64.82 3.73 -0.01	57.23 3.08 -0.01	57.45 2.79 0.00	57.76 2.59 0.00	58.54 2.84 0.00	71.72 3.67 0.00	92.18 3.29 0.00	130.29 3.05 0.00	93.82 3.17 0.00	68.97 4.87 0.00	54.59 4.51 -0.01	50.15 4.22 -0.01	49.89 4.12 -0.01	47.53 3.60 0.00	44.08 3.04 0.00	47.79 3.50 0.00	55.56 4.59 -0.01	70.44 6.19 -0.44	94.94 7.11 -0.01	111.20 7.47 0.00	96.74 5.90 0.00	86.35 6.51 -9.83	77.62 6.46 -5.26	61.65 4.93 -0.01
SHOREHAM_IC_2 23716	64.82 3.73 -0.01	57.23 3.08 -0.01	57.45 2.79 0.00	57.76 2.59 0.00	58.54 2.84 0.00	71.72 3.67 0.00	92.18 3.29 0.00	130.29 3.05 0.00	93.82 3.17 0.00	68.97 4.87 0.00	54.59 4.51 -0.01	50.15 4.22 -0.01	49.89 4.12 -0.01	47.53 3.60 0.00	44.08 3.04 0.00	47.79 3.50 0.00	55.56 4.59 -0.01	70.44 6.19 -0.44	94.94 7.11 -0.01	111.20 7.47 0.00	96.74 5.90 0.00	86.35 6.51 -9.83	77.62 6.46 -5.26	61.65 4.93 -0.01
SISSONVILLE__ 23735	59.86 -1.22 0.00	53.00 -1.14 0.00	53.51 -1.15 0.00	53.90 -1.27 0.00	63.24 -1.17 -8.71	81.08 -1.29 -14.32	124.20 -1.60 -36.92	221.50 -2.16 -96.42	94.84 -2.18 -6.37	61.60 -2.50 0.00	48.27 -1.80 0.00	44.22 -1.70 0.00	43.98 -1.78 0.00	42.30 -1.63 0.00	39.65 -1.40 0.00	42.92 -1.37 0.00	49.44 -1.53 0.00	61.45 -2.36 0.00	84.75 -3.07 0.00	100.93 -2.80 0.00	87.75 -3.09 0.00	68.46 -1.54 0.00	64.31 -1.58 0.00	55.46 -1.25 0.00
SITHE_IND_GS1 24169	59.44 -1.65 0.00	52.73 -1.41 0.00	53.24 -1.42 0.00	53.74 -1.43 0.00	54.25 -1.45 0.00	66.28 -1.77 0.00	86.57 -2.31 0.00	124.06 -3.18 0.00	88.11 -2.54 0.00	62.30 -1.79 0.00	48.72 -1.35 0.00	44.63 -1.29 0.00	44.43 -1.33 0.00	42.65 -1.28 0.00	39.85 -1.19 0.00	43.00 -1.29 0.00	49.38 -1.58 0.00	61.96 -1.85 0.00	85.37 -2.46 0.00	100.83 -2.90 0.00	88.29 -2.54 0.00	67.97 -2.03 0.00	63.98 -1.91 0.00	55.12 -1.59 0.00
SITHE_IND_GS2 24170	59.44 -1.65 0.00	52.73 -1.41 0.00	53.24 -1.42 0.00	53.74 -1.43 0.00	54.25 -1.45 0.00	66.28 -1.77 0.00	86.57 -2.31 0.00	124.06 -3.18 0.00	88.11 -2.54 0.00	62.30 -1.79 0.00	48.72 -1.35 0.00	44.63 -1.29 0.00	44.43 -1.33 0.00	42.65 -1.28 0.00	39.85 -1.19 0.00	43.00 -1.29 0.00	49.38 -1.58 0.00	61.96 -1.85 0.00	85.37 -2.46 0.00	100.83 -2.90 0.00	88.29 -2.54 0.00	67.97 -2.03 0.00	63.98 -1.91 0.00	55.12 -1.59 0.00
SITHE_IND_GS3 24171	59.44 -1.65 0.00	52.73 -1.41 0.00	53.24 -1.42 0.00	53.74 -1.43 0.00	54.25 -1.45 0.00	66.28 -1.77 0.00	86.57 -2.31 0.00	124.06 -3.18 0.00	88.11 -2.54 0.00	62.30 -1.79 0.00	48.72 -1.35 0.00	44.63 -1.29 0.00	44.43 -1.33 0.00	42.65 -1.28 0.00	39.85 -1.19 0.00	43.00 -1.29 0.00	49.38 -1.58 0.00	61.96 -1.85 0.00	85.37 -2.46 0.00	100.83 -2.90 0.00	88.29 -2.54 0.00	67.97 -2.03 0.00	63.98 -1.91 0.00	55.12 -1.59 0.00

SITHE_IND_GS4 24172	59.44 -1.65 0.00	52.73 -1.41 0.00	53.24 -1.42 0.00	53.74 -1.43 0.00	54.25 -1.45 0.00	66.28 -1.77 0.00	86.57 -2.31 0.00	124.06 -3.18 0.00	88.11 -2.54 0.00	62.30 -1.79 0.00	48.72 -1.35 0.00	44.63 -1.29 0.00	44.43 -1.33 0.00	42.65 -1.28 0.00	39.85 -1.19 0.00	43.00 -1.29 0.00	49.38 -1.58 0.00	61.96 -1.85 0.00	85.37 -2.46 0.00	100.83 -2.90 0.00	88.29 -2.54 0.00	67.97 -2.03 0.00	63.98 -1.91 0.00	55.12 -1.59 0.00
SITHE__BATAVIA 24024	58.94 -2.14 0.00	52.46 -1.68 0.00	52.91 -1.75 0.00	53.57 -1.60 0.00	53.97 -1.73 0.00	65.05 -2.99 0.00	84.44 -4.44 0.00	119.35 -7.89 0.00	83.94 -6.71 0.00	59.48 -4.62 0.00	47.32 -2.75 0.00	42.70 -3.22 0.00	42.19 -3.57 0.00	40.33 -3.60 0.00	37.80 -3.24 0.00	40.75 -3.54 0.00	46.33 -4.64 0.00	58.16 -5.42 0.23	80.53 -7.11 0.18	95.64 -8.09 0.00	83.48 -7.27 0.09	64.05 -5.95 0.01	60.36 -5.53 0.00	53.42 -3.29 0.00
SITHE__INDEPEND 23800	59.43 -1.65 0.00	52.67 -1.46 0.00	53.19 -1.48 0.00	53.74 -1.43 0.00	54.25 -1.45 0.00	66.21 -1.84 0.00	86.57 -2.31 0.00	123.93 -3.31 0.00	88.11 -2.54 0.00	62.30 -1.79 0.00	48.72 -1.35 0.00	44.63 -1.29 0.00	44.44 -1.33 0.00	42.66 -1.27 0.00	39.85 -1.19 0.00	43.01 -1.28 0.00	49.39 -1.58 0.00	61.96 -1.85 0.00	85.36 -2.46 0.00	100.83 -2.90 0.00	88.29 -2.54 0.00	67.97 -2.03 0.00	63.98 -1.91 0.00	55.12 -1.59 0.00
SITHE__MASSENA 23902	61.27 0.18 0.00	54.19 0.05 0.00	54.61 -0.05 0.00	55.17 0.00 0.00	71.11 0.39 -15.02	93.15 0.41 -24.69	153.07 0.54 -63.65	293.86 0.77 -165.85	101.90 0.27 -10.98	63.78 -0.32 0.00	50.22 0.15 0.00	46.06 0.14 0.00	45.95 0.18 0.00	44.02 0.09 0.00	41.13 0.08 0.00	44.42 0.13 0.00	51.12 0.15 0.00	63.30 -0.51 0.00	87.12 -0.71 0.00	103.42 -0.31 0.00	90.21 -0.63 0.00	69.79 -0.21 0.00	65.69 -0.20 0.00	56.71 0.00 0.00
SITHE__OGDNSBRG 24021	61.63 0.55 0.00	54.57 0.43 0.00	55.10 0.44 0.00	55.50 0.33 0.00	67.64 0.78 -11.16	87.35 0.95 -18.35	137.43 1.24 -47.30	252.41 1.78 -123.39	99.03 0.18 -8.20	63.26 -0.83 0.00	49.67 -0.40 0.00	45.37 -0.55 0.00	45.12 -0.64 0.00	43.45 -0.48 0.00	40.72 -0.33 0.00	44.07 -0.22 0.00	50.81 -0.15 0.00	63.17 -0.64 0.00	87.21 -0.61 0.00	104.04 0.31 0.00	90.56 -0.27 0.00	70.35 0.35 0.00	66.09 0.20 0.00	57.05 0.34 0.00
SITHE__STERLING 23777	62.42 1.34 0.00	55.33 1.19 0.00	55.86 1.20 0.00	56.49 1.32 0.00	57.61 1.39 -0.52	70.74 1.84 -0.86	93.93 2.84 -2.21	136.33 4.19 -4.90	93.69 2.72 -0.32	65.63 1.54 0.00	50.97 0.90 0.00	46.70 0.78 0.00	46.40 0.64 0.00	44.50 0.57 0.00	41.70 0.65 0.00	45.04 0.75 0.00	51.83 0.87 0.00	65.15 1.34 0.00	90.20 2.37 0.00	106.74 3.01 0.00	93.29 2.45 0.00	71.76 1.75 0.00	67.28 1.39 0.00	57.84 1.13 0.00
SLEIGHT__34_KV_TB1 80719	59.98 -1.10 0.00	53.22 -0.92 0.00	53.73 -0.93 0.00	54.34 -0.83 0.00	54.87 -0.84 0.00	66.89 -1.16 0.00	87.46 -1.42 0.00	125.33 -1.91 0.00	88.65 -1.99 0.00	62.69 -1.41 0.00	49.22 -0.85 0.00	44.82 -1.10 0.00	44.57 -1.19 0.00	42.66 -1.27 0.00	39.85 -1.19 0.00	43.01 -1.28 0.00	49.23 -1.73 0.00	62.00 -1.85 -0.04	85.58 -2.28 -0.04	101.14 -2.59 0.00	88.58 -2.27 -0.01	68.05 -1.96 0.00	63.92 -1.98 0.00	55.35 -1.36 0.00
SMITHTWN_69_KV_BK 1 55830	65.18 4.09 -0.01	57.66 3.52 -0.01	57.89 3.23 0.00	58.26 3.09 0.00	58.93 3.23 0.00	72.20 4.15 0.00	94.75 5.87 0.00	132.46 5.22 0.00	96.63 5.98 0.00	69.61 5.51 0.00	54.59 4.51 -0.01	50.29 4.36 -0.01	50.07 4.30 -0.01	47.66 3.73 0.00	44.16 3.12 0.00	47.83 3.54 0.00	55.51 4.54 -0.01	70.31 6.06 -0.44	95.30 7.46 -0.01	112.13 8.40 0.00	97.65 6.81 0.00	86.44 6.58 -9.86	77.35 6.19 -5.26	61.43 4.71 -0.01
SOUTH CAIRO__GT 23612	63.28 2.20 0.00	56.30 2.17 0.00	57.01 2.35 0.00	57.54 2.37 0.00	57.87 2.17 0.00	71.38 3.33 0.00	93.77 4.89 0.00	133.73 6.49 0.00	94.55 3.90 0.00	65.96 1.86 0.00	50.67 0.60 0.00	46.51 0.60 0.00	46.40 0.64 0.00	44.59 0.66 0.00	41.66 0.62 0.00	45.09 0.80 0.00	52.49 1.53 0.00	66.49 2.68 0.00	92.13 4.30 0.00	108.81 5.08 0.00	95.56 4.72 0.00	73.50 3.50 0.00	69.19 3.29 0.00	59.26 2.55 0.00
SOUTH HAMPTN__IC 23720	65.25 4.16 -0.01	57.61 3.47 -0.01	57.83 3.17 0.00	58.15 2.98 0.00	58.93 3.23 0.00	72.20 4.15 0.00	93.06 4.18 0.00	131.69 4.45 0.00	94.54 3.90 0.00	69.35 5.26 0.00	54.89 4.81 -0.01	50.43 4.50 -0.01	50.12 4.35 -0.01	47.75 3.82 0.00	44.25 3.20 0.00	47.96 3.67 0.00	55.87 4.89 -0.01	70.82 6.57 -0.44	95.74 7.91 -0.01	112.34 8.60 0.00	97.65 6.82 0.00	86.83 7.00 -9.82	78.01 6.85 -5.26	61.99 5.27 -0.01
SOUTH DOW__115KV_TB1 355954	60.23 -0.86 0.00	53.81 -0.32 0.00	54.39 -0.27 0.00	55.17 0.00 0.00	55.64 -0.06 0.00	67.16 -0.88 0.00	87.28 -1.60 0.00	122.40 -4.84 0.00	85.30 -5.35 0.00	60.89 -3.20 0.00	48.42 -1.65 0.00	43.76 -2.16 0.00	43.02 -2.75 0.00	41.16 -2.77 0.00	38.54 -2.50 0.00	41.46 -2.83 0.00	46.73 -4.23 0.00	57.48 -6.06 0.26	81.04 -6.59 0.20	96.88 -6.85 0.00	84.21 -6.54 0.08	64.40 -5.60 0.01	60.42 -5.47 0.00	53.76 -2.95 0.00
SOUTH HOLD_69_KV_BK 2 55809	65.18 4.09 -0.01	57.66 3.52 -0.01	57.83 3.17 0.00	58.21 3.03 0.00	58.93 3.23 0.00	72.27 4.22 0.00	94.66 5.78 0.00	131.82 4.58 0.00	96.18 5.53 0.00	69.35 5.26 0.00	54.94 4.86 -0.01	50.52 4.59 -0.01	50.21 4.44 -0.01	47.71 3.78 0.00	44.25 3.20 0.00	47.97 3.68 0.00	55.97 4.99 -0.01	70.82 6.57 -0.44	96.00 8.17 -0.01	112.55 8.82 0.00	97.83 6.99 0.00	87.04 7.21 -9.82	78.07 6.92 -5.26	62.05 5.33 -0.01
SOUTH HOLD__IC 23719	65.25 4.16 -0.01	57.66 3.52 -0.01	57.83 3.17 0.00	58.15 2.98 0.00	58.99 3.29 0.00	72.27 4.22 0.00	93.24 4.35 0.00	131.95 4.71 0.00	94.63 3.98 0.00	69.35 5.26 0.00	54.94 4.86 -0.01	50.47 4.55 -0.01	50.12 4.35 -0.01	47.71 3.78 0.00	44.25 3.20 0.00	47.96 3.67 0.00	55.97 5.00 -0.01	70.89 6.64 -0.44	96.00 8.17 -0.01	112.54 8.81 0.00	97.83 6.99 0.00	86.97 7.14 -9.82	78.07 6.92 -5.26	62.11 5.39 -0.01
SOUTH_FORK_WT_PWR 323839	64.69 3.60 -0.01	57.18 3.03 -0.01	57.34 2.68 0.00	57.66 2.48 0.00	58.48 2.78 0.00	71.65 3.60 0.00	92.44 3.56 0.00	130.80 3.56 0.00	93.82 3.17 0.00	68.77 4.68 0.00	54.59 4.51 -0.01	50.15 4.22 -0.01	49.80 4.03 -0.01	47.40 3.47 0.00	43.92 2.87 0.00	47.65 3.36 0.00	55.61 4.64 -0.01	70.31 6.07 -0.44	95.21 7.38 -0.01	111.72 7.99 0.00	97.02 6.18 0.00	86.41 6.58 -9.82	77.54 6.39 -5.26	61.65 4.93 -0.01
SPIERFLS_115KV_TB 1 80737	61.88 0.79 0.00	54.89 0.76 0.00	55.54 0.87 0.00	56.11 0.94 0.00	56.48 0.78 0.00	69.34 1.29 0.00	91.37 2.49 0.00	131.18 3.94 0.00	92.64 1.99 0.00	65.06 0.96 0.00	50.27 0.20 0.00	46.06 0.14 0.00	45.95 0.18 0.00	44.06 0.13 0.00	41.04 0.00 0.00	44.64 0.35 0.00	51.88 0.92 0.00	65.61 1.72 -0.07	90.72 2.90 0.00	107.05 3.32 0.00	93.83 3.00 0.00	72.17 2.17 0.00	67.67 1.78 0.00	57.90 1.19 0.00

ST LAWRENCE____ 23600	60.53 -0.55 0.00	53.54 -0.59 0.00	54.01 -0.65 0.00	54.51 -0.66 0.00	53.89 -0.39 1.42	65.29 -0.61 2.14	82.73 -0.80 5.36	112.06 -1.02 14.15	88.81 -0.82 1.02	63.20 -0.90 0.00	49.77 -0.30 0.00	45.60 -0.32 0.00	45.49 -0.27 0.00	43.62 -0.31 0.00	40.76 -0.29 0.00	43.98 -0.31 0.00	50.66 -0.30 0.00	62.73 -1.09 0.00	86.25 -1.58 0.00	102.28 -1.45 0.00	89.29 -1.54 0.00	69.02 -0.98 0.00	65.03 -0.86 0.00	56.14 -0.57 0.00
STATE_CA_115KV_115_LB 55624	61.63 0.55 0.00	54.73 0.60 0.00	55.26 0.60 0.00	55.72 0.55 0.00	56.09 0.39 0.00	68.59 0.54 0.00	90.04 1.16 0.00	128.77 1.53 0.00	92.10 1.45 0.00	65.06 0.96 0.00	50.52 0.45 0.00	46.47 0.55 0.00	46.40 0.64 0.00	44.63 0.70 0.00	41.70 0.66 0.00	45.09 0.80 0.00	51.98 1.02 0.00	65.43 1.53 -0.09	89.67 1.84 0.00	105.39 1.66 0.00	92.56 1.73 0.00	71.40 1.40 0.00	67.28 1.38 0.00	57.67 0.96 0.00
STATE_ST_34_KV_LOAD 55959	61.08 0.00 0.00	54.14 0.00 0.00	54.66 0.00 0.00	55.23 0.06 0.00	55.81 0.11 0.00	68.12 0.07 0.00	89.24 0.36 0.00	128.00 0.76 0.00	90.56 -0.09 0.00	64.03 -0.06 0.00	50.07 0.00 0.00	45.69 -0.23 0.00	45.49 -0.27 0.00	43.58 -0.35 0.00	40.72 -0.33 0.00	43.94 -0.35 0.00	50.46 -0.51 0.00	63.32 -0.45 0.05	87.56 -0.26 0.00	103.73 0.00 0.00	90.84 0.00 0.00	69.86 -0.14 0.00	65.56 -0.33 0.00	56.60 -0.11 0.00
STATION_5_MISC_HYD 23604	59.80 -1.29 0.00	53.05 -1.08 0.00	53.51 -1.15 0.00	54.12 -1.05 0.00	54.64 -1.06 0.00	66.41 -1.63 0.00	86.49 -2.40 0.00	123.68 -3.56 0.00	87.47 -3.18 0.00	61.98 -2.11 0.00	48.87 -1.20 0.00	44.40 -1.51 0.00	44.07 -1.69 0.00	42.17 -1.76 0.00	39.48 -1.56 0.00	42.56 -1.73 0.00	48.67 -2.29 0.00	61.32 -2.55 -0.07	84.38 -3.52 -0.07	99.68 -4.05 0.00	87.23 -3.64 0.00	67.07 -2.94 0.00	63.06 -2.83 0.00	54.84 -1.87 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	60.17 -0.92 0.00	53.43 -0.70 0.00	53.90 -0.77 0.00	54.56 -0.61 0.00	55.09 -0.61 0.00	67.09 -0.95 0.00	87.64 -1.24 0.00	125.46 -1.78 0.00	88.65 -1.99 0.00	62.75 -1.35 0.00	49.37 -0.70 0.00	44.91 -1.01 0.00	44.62 -1.14 0.00	42.70 -1.23 0.00	39.94 -1.11 0.00	43.09 -1.20 0.00	49.33 -1.63 0.00	62.06 -1.79 -0.04	85.58 -2.28 -0.04	101.24 -2.49 0.00	88.58 -2.27 -0.02	68.12 -1.89 0.00	63.98 -1.91 0.00	55.46 -1.25 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	59.37 -1.71 0.00	52.67 -1.46 0.00	53.13 -1.53 0.00	53.79 -1.38 0.00	54.20 -1.50 0.00	66.01 -2.04 0.00	86.04 -2.84 0.00	123.17 -4.07 0.00	87.11 -3.54 0.00	61.73 -2.37 0.00	48.67 -1.40 0.00	44.26 -1.65 0.00	43.93 -1.83 0.00	42.04 -1.89 0.00	39.36 -1.68 0.00	42.43 -1.86 0.00	48.57 -2.40 0.00	61.13 -2.74 -0.06	84.11 -3.78 -0.06	99.48 -4.25 0.00	86.96 -3.91 -0.03	66.86 -3.15 0.00	62.86 -3.03 0.00	54.61 -2.10 0.00
STA_56____34_KV_BUS2 355983	59.37 -1.71 0.00	52.67 -1.46 0.00	53.13 -1.53 0.00	53.79 -1.38 0.00	54.20 -1.50 0.00	66.01 -2.04 0.00	86.04 -2.84 0.00	123.17 -4.07 0.00	87.11 -3.54 0.00	61.73 -2.37 0.00	48.67 -1.40 0.00	44.26 -1.65 0.00	43.93 -1.83 0.00	42.04 -1.89 0.00	39.36 -1.68 0.00	42.43 -1.86 0.00	48.57 -2.40 0.00	61.13 -2.74 -0.06	84.11 -3.78 -0.06	99.48 -4.25 0.00	86.96 -3.91 -0.03	66.86 -3.15 0.00	62.86 -3.03 0.00	54.61 -2.10 0.00
STA_67____115KV_BK2 355882	59.56 -1.53 0.00	52.84 -1.30 0.00	53.30 -1.37 0.00	53.96 -1.21 0.00	54.36 -1.34 0.00	66.21 -1.84 0.00	86.22 -2.67 0.00	123.17 -4.07 0.00	87.11 -3.54 0.00	61.79 -2.31 0.00	48.77 -1.30 0.00	44.31 -1.61 0.00	43.98 -1.78 0.00	42.08 -1.85 0.00	39.40 -1.64 0.00	42.47 -1.82 0.00	48.57 -2.40 0.00	61.20 -2.68 -0.07	84.12 -3.78 -0.07	99.48 -4.25 0.00	87.05 -3.82 -0.03	66.86 -3.15 0.00	62.93 -2.97 0.00	54.72 -1.98 0.00
STA_7____115KV_9TRANS 80674	59.92 -1.16 0.00	53.16 -0.97 0.00	53.62 -1.04 0.00	54.29 -0.88 0.00	54.70 -1.00 0.00	66.62 -1.43 0.00	86.75 -2.13 0.00	124.06 -3.18 0.00	87.75 -2.90 0.00	62.24 -1.86 0.00	49.12 -0.95 0.00	44.59 -1.33 0.00	44.30 -1.46 0.00	42.35 -1.58 0.00	39.65 -1.40 0.00	42.74 -1.55 0.00	48.93 -2.04 0.00	61.65 -2.23 -0.07	84.73 -3.16 -0.07	100.10 -3.63 0.00	87.59 -3.27 -0.03	67.35 -2.66 0.00	63.32 -2.57 0.00	55.07 -1.64 0.00
STA_82____115KV_TB1 80780	59.49 -1.59 0.00	52.78 -1.35 0.00	53.24 -1.42 0.00	53.90 -1.27 0.00	54.31 -1.39 0.00	66.14 -1.91 0.00	86.13 -2.76 0.00	123.04 -4.20 0.00	87.02 -3.63 0.00	61.73 -2.37 0.00	48.72 -1.35 0.00	44.26 -1.65 0.00	43.93 -1.83 0.00	42.04 -1.89 0.00	39.36 -1.68 0.00	42.43 -1.86 0.00	48.52 -2.45 0.00	61.14 -2.74 -0.07	84.03 -3.86 -0.07	99.37 -4.36 0.00	86.96 -3.91 -0.03	66.79 -3.22 0.00	62.86 -3.03 0.00	54.67 -2.04 0.00
STEEL____WIND 323596	58.52 -2.56 0.00	52.24 -1.90 0.00	52.75 -1.91 0.00	53.35 -1.82 0.00	53.86 -1.84 0.00	64.58 -3.47 0.00	83.29 -5.60 0.00	116.55 -10.69 0.00	81.86 -8.79 0.00	58.52 -5.58 0.00	46.72 -3.35 0.00	42.20 -3.72 0.00	41.55 -4.21 0.00	39.80 -4.13 0.00	37.31 -3.73 0.00	40.13 -4.17 0.00	45.36 -5.61 0.00	56.00 -7.53 0.28	78.12 -9.49 0.22	93.15 -10.58 0.00	81.21 -9.54 0.09	62.37 -7.63 0.01	58.91 -6.99 0.00	52.57 -4.14 0.00
STEPHTWN_115KV_BK_2 55603	62.06 0.98 0.00	55.11 0.97 0.00	55.65 0.98 0.00	56.16 0.99 0.00	56.48 0.78 0.00	69.20 1.16 0.00	90.93 2.04 0.00	129.91 2.67 0.00	92.73 2.08 0.00	65.44 1.35 0.00	50.67 0.60 0.00	46.61 0.69 0.00	46.54 0.78 0.00	44.76 0.83 0.00	41.82 0.78 0.00	45.26 0.97 0.00	52.24 1.27 0.00	65.81 1.91 -0.08	90.37 2.55 0.00	106.22 2.49 0.00	93.29 2.45 0.00	71.89 1.89 0.00	67.74 1.84 0.00	58.07 1.36 0.00
STEBEN_REC_LFGE 323667	60.04 -1.04 0.00	53.60 -0.54 0.00	54.39 -0.27 0.00	55.23 0.06 0.00	56.03 0.33 0.00	67.78 -0.27 0.00	88.35 -0.53 0.00	125.46 -1.78 0.00	87.75 -2.90 0.00	62.11 -1.99 0.00	49.07 -1.00 0.00	44.36 -1.56 0.00	43.89 -1.88 0.00	42.04 -1.89 0.00	39.24 -1.81 0.00	42.16 -2.13 0.00	47.86 -3.11 0.00	59.77 -3.89 0.14	83.63 -4.13 0.07	99.58 -4.15 0.00	87.00 -3.82 0.03	66.50 -3.50 0.00	62.33 -3.56 0.00	54.72 -1.98 0.00
STILLWATER____SOLAR 323814	62.61 1.53 0.00	55.54 1.41 0.00	56.14 1.48 0.00	56.66 1.49 0.00	57.04 1.33 0.00	69.95 1.90 0.00	91.81 2.93 0.00	131.57 4.33 0.00	93.28 2.63 0.00	65.63 1.54 0.00	50.82 0.75 0.00	46.61 0.69 0.00	46.49 0.73 0.00	44.63 0.70 0.00	41.66 0.62 0.00	45.22 0.93 0.00	52.39 1.43 0.00	66.18 2.29 -0.08	91.34 3.52 0.00	107.57 3.84 0.00	94.38 3.54 0.00	72.73 2.73 0.00	68.33 2.44 0.00	58.58 1.87 0.00
STONY____BROOK 24151	65.25 4.16 -0.01	57.61 3.47 -0.01	57.83 3.17 0.00	58.15 2.98 0.00	58.93 3.23 0.00	72.13 4.08 0.00	93.68 4.80 0.00	132.20 4.96 0.00	95.45 4.80 0.00	69.61 5.51 0.00	54.59 4.51 -0.01	50.24 4.32 -0.01	49.98 4.21 -0.01	47.62 3.69 0.00	44.08 3.04 0.00	47.79 3.50 0.00	55.46 4.49 -0.01	70.25 6.00 -0.44	95.12 7.29 -0.01	111.92 8.19 0.00	97.46 6.63 0.00	86.36 6.51 -9.85	77.35 6.19 -5.26	61.48 4.76 -0.01

STURGEON_POOL_HYD 23609	62.91 1.83 0.00	55.71 1.57 0.00	56.25 1.59 0.00	56.77 1.60 0.00	57.15 1.45 0.00	70.16 2.11 0.00	92.44 3.56 0.00	132.84 5.60 0.00	94.91 4.26 0.00	67.24 3.14 0.00	52.32 2.25 0.00	48.26 2.34 0.00	48.10 2.33 0.00	46.13 2.20 0.00	43.01 1.97 0.00	46.28 1.99 0.00	53.51 2.55 0.00	66.92 3.25 0.15	92.13 4.30 0.00	108.81 5.08 0.00	95.29 4.45 0.00	73.29 3.29 0.00	68.99 3.10 0.00	58.75 2.04 0.00
ST_LAW_115_BK7_LBMP 345037	60.47 -0.61 0.00	53.49 -0.65 0.00	53.95 -0.71 0.00	54.45 -0.72 0.00	53.62 -0.45 1.63	64.75 -0.61 2.69	81.16 -0.80 6.92	108.28 -1.02 17.94	88.56 -0.91 1.19	63.20 -0.90 0.00	49.72 -0.35 0.00	45.60 -0.32 0.00	45.49 -0.27 0.00	43.58 -0.35 0.00	40.76 -0.29 0.00	43.98 -0.31 0.00	50.61 -0.35 0.00	62.66 -1.15 0.00	86.15 -1.67 0.00	102.18 -1.55 0.00	89.20 -1.63 0.00	68.96 -1.05 0.00	64.97 -0.92 0.00	56.09 -0.62 0.00
ST_LAW_115_BK8_LBMP 345038	60.47 -0.61 0.00	53.49 -0.65 0.00	53.95 -0.71 0.00	54.45 -0.72 0.00	53.62 -0.45 1.63	64.75 -0.61 2.69	81.16 -0.80 6.92	108.28 -1.02 17.94	88.56 -0.91 1.19	63.20 -0.90 0.00	49.72 -0.35 0.00	45.60 -0.32 0.00	45.49 -0.27 0.00	43.58 -0.35 0.00	40.76 -0.29 0.00	43.98 -0.31 0.00	50.61 -0.35 0.00	62.66 -1.15 0.00	86.15 -1.67 0.00	102.18 -1.55 0.00	89.20 -1.63 0.00	68.96 -1.05 0.00	64.97 -0.92 0.00	56.09 -0.62 0.00
ST_LAW_230_BK5_LBMP 345035	60.53 -0.55 0.00	53.54 -0.59 0.00	54.01 -0.65 0.00	54.51 -0.66 0.00	54.18 -0.39 1.13	65.57 -0.61 1.86	83.28 -0.80 4.81	113.78 -1.02 12.44	89.01 -0.82 0.82	63.20 -0.90 0.00	49.77 -0.30 0.00	45.60 -0.32 0.00	45.49 -0.27 0.00	43.62 -0.31 0.00	40.76 -0.29 0.00	43.98 -0.31 0.00	50.66 -0.30 0.00	62.73 -1.09 0.00	86.25 -1.58 0.00	102.28 -1.45 0.00	89.29 -1.54 0.00	69.02 -0.98 0.00	65.03 -0.86 0.00	56.14 -0.57 0.00
ST_LAW_230_BK6_LBMP 345036	60.53 -0.55 0.00	53.54 -0.59 0.00	54.01 -0.65 0.00	54.51 -0.66 0.00	54.18 -0.39 1.13	65.57 -0.61 1.86	83.28 -0.80 4.81	113.78 -1.02 12.44	89.01 -0.82 0.82	63.20 -0.90 0.00	49.77 -0.30 0.00	45.60 -0.32 0.00	45.49 -0.27 0.00	43.62 -0.31 0.00	40.76 -0.29 0.00	43.98 -0.31 0.00	50.66 -0.30 0.00	62.73 -1.09 0.00	86.25 -1.58 0.00	102.28 -1.45 0.00	89.29 -1.54 0.00	69.02 -0.98 0.00	65.03 -0.86 0.00	56.14 -0.57 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	62.43 1.34 0.00	55.27 1.14 0.00	55.81 1.15 0.00	56.27 1.10 0.00	56.70 1.00 0.00	69.48 1.43 0.00	91.73 2.84 0.00	132.07 4.84 0.00	94.27 3.63 0.00	66.92 2.82 0.00	52.17 2.10 0.00	48.17 2.25 0.00	48.00 2.24 0.00	46.04 2.11 0.00	42.93 1.89 0.00	46.15 1.86 0.00	53.21 2.24 0.00	65.70 2.87 0.98	91.60 3.78 0.00	108.19 4.46 0.00	94.65 3.82 0.00	72.87 2.87 0.00	68.46 2.57 0.00	58.30 1.59 0.00
SWANROAD_115KV_TB1 355699	55.65 -5.44 0.00	49.53 -4.60 0.00	50.02 -4.65 0.00	50.70 -4.47 0.00	50.97 -4.73 0.00	61.24 -6.80 0.00	78.49 -10.40 0.00	110.19 -17.05 0.00	77.60 -13.05 0.00	55.51 -8.59 0.00	44.61 -5.46 0.00	40.22 -5.69 0.00	39.63 -6.13 0.00	37.96 -5.97 0.00	35.63 -5.42 0.00	38.36 -5.93 0.00	43.32 -7.64 0.00	54.13 -9.38 0.30	74.58 -13.00 0.25	88.48 -15.25 0.00	77.28 -13.44 0.12	59.42 -10.57 0.01	56.27 -9.62 0.00	50.30 -6.41 0.00
SYNERGY__BIOGAS 323694	58.58 -2.50 0.00	52.13 -2.00 0.00	52.58 -2.08 0.00	53.30 -1.88 0.00	53.58 -2.12 0.00	64.99 -3.06 0.00	84.17 -4.71 0.00	119.10 -8.14 0.00	83.67 -6.98 0.00	59.35 -4.74 0.00	47.32 -2.75 0.00	42.70 -3.21 0.00	42.19 -3.57 0.00	40.33 -3.60 0.00	37.80 -3.24 0.00	40.75 -3.54 0.00	46.33 -4.64 0.00	58.16 -5.42 0.23	80.44 -7.20 0.18	95.64 -8.09 0.00	83.39 -7.36 0.09	64.05 -5.95 0.01	60.36 -5.53 0.00	53.42 -3.29 0.00
SYRACUSE__ENERGY_ST1 323597	60.96 -0.12 0.00	54.03 -0.11 0.00	54.55 -0.11 0.00	55.06 -0.11 0.00	55.64 -0.06 0.00	67.91 -0.14 0.00	88.88 0.00 0.00	127.37 0.13 0.00	90.38 -0.27 0.00	63.91 -0.19 0.00	49.92 -0.15 0.00	45.69 -0.23 0.00	45.53 -0.23 0.00	43.62 -0.31 0.00	40.76 -0.29 0.00	43.98 -0.31 0.00	50.46 -0.51 0.00	63.30 -0.51 0.00	87.47 -0.35 0.00	103.42 -0.31 0.00	90.56 -0.27 0.00	69.65 -0.35 0.00	65.50 -0.40 0.00	56.48 -0.23 0.00
SYRACUSE__ENERGY_ST2 323598	60.96 -0.12 0.00	54.03 -0.11 0.00	54.55 -0.11 0.00	55.06 -0.11 0.00	55.64 -0.06 0.00	67.91 -0.14 0.00	88.88 0.00 0.00	127.37 0.13 0.00	90.38 -0.27 0.00	63.91 -0.19 0.00	49.92 -0.15 0.00	45.69 -0.23 0.00	45.53 -0.23 0.00	43.62 -0.31 0.00	40.76 -0.29 0.00	43.98 -0.31 0.00	50.46 -0.51 0.00	63.30 -0.51 0.00	87.47 -0.35 0.00	103.42 -0.31 0.00	90.56 -0.27 0.00	69.65 -0.35 0.00	65.50 -0.40 0.00	56.48 -0.23 0.00
SYRACUSE__POWER 24017	60.84 -0.24 0.00	53.87 -0.27 0.00	54.39 -0.27 0.00	54.95 -0.22 0.00	55.53 -0.17 0.00	67.78 -0.27 0.00	88.71 -0.18 0.00	127.11 -0.13 0.00	90.20 -0.45 0.00	63.78 -0.32 0.00	49.92 -0.15 0.00	45.64 -0.28 0.00	45.49 -0.27 0.00	43.62 -0.31 0.00	40.72 -0.33 0.00	43.94 -0.35 0.00	50.40 -0.56 0.00	63.24 -0.57 0.00	87.30 -0.53 0.00	103.32 -0.41 0.00	90.47 -0.36 0.00	69.58 -0.42 0.00	65.36 -0.53 0.00	56.37 -0.34 0.00
TALLMAN__138KV_BK151 55660	62.67 1.59 0.00	55.49 1.35 0.00	55.97 1.31 0.00	56.44 1.27 0.00	56.93 1.23 0.00	69.68 1.63 0.00	92.00 3.11 0.00	132.58 5.34 0.00	94.73 4.08 0.00	67.37 3.27 0.00	52.52 2.45 0.00	48.54 2.62 0.00	48.37 2.61 0.00	46.39 2.46 0.00	43.26 2.22 0.00	46.46 2.17 0.00	53.56 2.60 0.00	65.97 3.25 1.09	91.95 4.13 0.00	108.71 4.98 0.00	95.11 4.27 0.00	73.22 3.22 0.00	68.79 2.90 0.00	58.52 1.81 0.00
TEALLAVE_115KV_TB7 355573	60.53 -0.55 0.00	53.65 -0.49 0.00	54.17 -0.49 0.00	54.73 -0.44 0.00	55.47 -0.45 -0.21	67.85 -0.54 -0.35	89.16 -0.62 -0.90	128.77 -0.64 -2.17	89.98 -0.82 -0.14	63.52 -0.58 0.00	49.77 -0.30 0.00	45.50 -0.41 0.00	45.35 -0.41 0.00	43.49 -0.44 0.00	40.59 -0.45 0.00	43.80 -0.49 0.00	50.25 -0.71 0.00	62.98 -0.83 0.00	86.95 -0.88 0.00	102.80 -0.93 0.00	90.02 -0.82 0.00	69.23 -0.77 0.00	65.10 -0.79 0.00	56.14 -0.57 0.00
TELEGRAPH_34_KV_EAST 80808	57.36 -3.73 0.00	51.05 -3.09 0.00	51.49 -3.17 0.00	52.25 -2.92 0.00	52.47 -3.23 0.00	63.35 -4.70 0.00	81.77 -7.11 0.00	115.28 -11.96 0.00	81.04 -9.61 0.00	57.75 -6.35 0.00	46.22 -3.86 0.00	41.69 -4.22 0.00	41.14 -4.62 0.00	39.36 -4.57 0.00	36.94 -4.10 0.00	39.77 -4.52 0.00	45.10 -5.86 0.00	56.12 -7.15 0.54	77.58 -9.75 0.49	92.53 -11.20 0.00	80.61 -9.99 0.23	62.00 -7.98 0.02	58.58 -7.31 0.00	52.17 -4.54 0.00
TEMPLE__115KV_TB 2 55572	60.59 -0.49 0.00	53.70 -0.43 0.00	54.22 -0.44 0.00	54.79 -0.39 0.00	55.52 -0.39 -0.21	67.84 -0.54 -0.34	89.23 -0.53 -0.87	128.84 -0.51 -2.11	90.06 -0.73 -0.14	63.58 -0.51 0.00	49.82 -0.25 0.00	45.55 -0.37 0.00	45.40 -0.37 0.00	43.53 -0.40 0.00	40.63 -0.41 0.00	43.85 -0.44 0.00	50.30 -0.66 0.00	63.05 -0.77 0.00	87.03 -0.79 0.00	102.90 -0.83 0.00	90.11 -0.73 0.00	69.30 -0.70 0.00	65.17 -0.72 0.00	56.14 -0.57 0.00

TIANA___69_KV_BK 1 55817	65.12 4.03 -0.01	57.61 3.46 -0.01	57.78 3.12 0.00	58.15 2.98 0.00	58.93 3.23 0.00	72.20 4.15 0.00	94.57 5.69 0.00	131.56 4.33 0.00	96.09 5.44 0.00	69.35 5.26 0.00	54.89 4.81 -0.01	50.47 4.55 -0.01	50.21 4.44 -0.01	47.75 3.82 0.00	44.25 3.20 0.00	47.97 3.68 0.00	55.87 4.89 -0.01	70.82 6.57 -0.44	95.74 7.90 -0.01	112.34 8.61 0.00	97.65 6.81 0.00	86.90 7.07 -9.82	78.01 6.85 -5.26	61.94 5.22 -0.01
TILDEN___115KV_TB1 80814	60.84 -0.24 0.00	53.87 -0.27 0.00	54.39 -0.27 0.00	54.95 -0.22 0.00	55.53 -0.17 0.00	67.78 -0.27 0.00	88.71 -0.18 0.00	127.11 -0.13 0.00	90.20 -0.45 0.00	63.78 -0.32 0.00	49.92 -0.15 0.00	45.64 -0.28 0.00	45.49 -0.27 0.00	43.62 -0.31 0.00	40.72 -0.33 0.00	43.94 -0.35 0.00	50.40 -0.56 0.00	63.24 -0.57 0.00	87.30 -0.53 0.00	103.32 -0.41 0.00	90.47 -0.36 0.00	69.58 -0.42 0.00	65.36 -0.53 0.00	56.37 -0.34 0.00
TRIGEN___CC 323695	64.15 3.05 -0.02	56.80 2.65 -0.02	57.07 2.41 0.00	57.49 2.32 0.00	58.10 2.40 0.00	71.11 3.06 0.00	93.42 4.53 0.00	132.58 5.34 0.00	95.82 5.17 0.00	68.84 4.74 0.00	53.69 3.61 -0.02	49.56 3.63 -0.02	49.39 3.62 -0.02	47.22 3.29 0.00	43.88 2.83 0.00	47.39 3.10 0.00	54.65 3.67 -0.02	68.98 4.72 -0.45	93.72 5.88 -0.02	110.68 6.95 0.00	96.47 5.63 0.00	90.22 4.62 -15.59	75.50 4.35 -5.26	59.96 3.23 -0.02
TRINITY___115KV___4 BK 55933	61.45 0.37 0.00	54.57 0.43 0.00	55.10 0.44 0.00	55.61 0.44 0.00	55.92 0.22 0.00	68.39 0.34 0.00	89.68 0.80 0.00	128.13 0.89 0.00	91.65 1.00 0.00	64.80 0.71 0.00	50.37 0.30 0.00	46.33 0.41 0.00	46.27 0.50 0.00	44.50 0.57 0.00	41.62 0.57 0.00	44.95 0.66 0.00	51.83 0.87 0.00	65.17 1.28 -0.09	89.32 1.49 0.00	104.98 1.24 0.00	92.20 1.36 0.00	71.19 1.19 0.00	67.08 1.19 0.00	57.56 0.85 0.00
UNION___PROCESSING_DRP 323587	59.49 -1.59 0.00	52.78 -1.35 0.00	53.24 -1.42 0.00	53.90 -1.27 0.00	54.36 -1.34 0.00	66.14 -1.91 0.00	86.13 -2.76 0.00	123.17 -4.07 0.00	87.11 -3.54 0.00	61.73 -2.37 0.00	48.72 -1.35 0.00	44.26 -1.65 0.00	43.93 -1.83 0.00	42.04 -1.89 0.00	39.36 -1.68 0.00	42.43 -1.86 0.00	48.52 -2.45 0.00	61.14 -2.74 -0.07	84.12 -3.78 -0.07	99.37 -4.36 0.00	86.96 -3.91 -0.03	66.79 -3.22 0.00	62.86 -3.03 0.00	54.67 -2.04 0.00
UPPER HUDSON___HYD 24058	61.87 0.79 0.00	54.89 0.76 0.00	55.53 0.87 0.00	56.11 0.94 0.00	56.48 0.78 0.00	69.34 1.29 0.00	91.37 2.49 0.00	131.19 3.95 0.00	92.64 1.99 0.00	65.06 0.96 0.00	50.27 0.20 0.00	46.06 0.14 0.00	45.95 0.18 0.00	44.06 0.13 0.00	41.04 0.00 0.00	44.64 0.35 0.00	51.88 0.92 0.00	65.61 1.72 -0.07	90.72 2.89 0.00	107.05 3.32 0.00	93.83 2.99 0.00	72.18 2.17 0.00	67.67 1.78 0.00	57.90 1.19 0.00
UPPER RAQUET___HYD 24056	59.86 -1.22 0.00	52.84 -1.30 0.00	53.30 -1.36 0.00	53.90 -1.27 0.00	63.08 -1.34 -8.71	80.94 -1.43 -14.32	124.21 -1.60 -36.92	221.24 -2.42 -96.42	94.84 -2.18 -6.37	61.60 -2.50 0.00	48.27 -1.80 0.00	44.36 -1.56 0.00	44.21 -1.56 0.00	42.30 -1.62 0.00	39.65 -1.40 0.00	42.92 -1.37 0.00	49.44 -1.53 0.00	61.39 -2.42 0.00	84.75 -3.08 0.00	100.93 -2.80 0.00	87.75 -3.09 0.00	68.46 -1.54 0.00	64.31 -1.58 0.00	55.35 -1.36 0.00
VALLEY44_115KV_TB2 355964	59.43 -1.65 0.00	53.05 -1.08 0.00	53.57 -1.09 0.00	54.29 -0.88 0.00	54.75 -0.95 0.00	65.87 -2.18 0.00	85.60 -3.29 0.00	119.22 -8.02 0.00	83.22 -7.43 0.00	59.48 -4.62 0.00	47.42 -2.65 0.00	42.93 -2.98 0.00	42.33 -3.43 0.00	40.50 -3.43 0.00	37.97 -3.08 0.00	40.75 -3.54 0.00	46.07 -4.89 0.00	55.89 -7.66 0.26	79.46 -8.17 0.19	95.33 -8.40 0.00	83.12 -7.63 0.08	63.77 -6.23 0.01	60.03 -5.86 0.00	53.82 -2.89 0.00
VALLEY___115KV_TB 1-4 80826	61.63 0.55 0.00	54.57 0.43 0.00	55.10 0.44 0.00	55.67 0.50 0.00	56.44 0.50 -0.24	69.26 0.82 -0.39	91.32 1.42 -1.01	132.24 2.29 -2.71	92.46 1.63 -0.18	65.19 1.09 0.00	50.77 0.70 0.00	46.65 0.73 0.00	46.45 0.69 0.00	44.54 0.62 0.00	41.66 0.62 0.00	45.00 0.71 0.00	51.83 0.87 0.00	64.96 1.15 0.00	89.49 1.67 0.00	105.49 1.76 0.00	92.20 1.36 0.00	70.84 0.84 0.00	66.49 0.59 0.00	57.11 0.40 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	63.28 2.20 0.00	56.09 1.95 0.00	56.68 2.02 0.00	57.38 2.21 0.00	57.82 2.12 0.00	70.77 2.72 0.00	92.97 4.09 0.00	133.35 6.11 0.00	94.73 4.08 0.00	66.79 2.69 0.00	51.82 1.75 0.00	47.62 1.70 0.00	47.36 1.60 0.00	45.34 1.41 0.00	42.48 1.44 0.00	45.93 1.64 0.00	52.90 1.94 0.00	66.14 2.49 0.16	91.60 3.78 0.00	108.40 4.67 0.00	94.74 3.91 0.00	72.87 2.87 0.00	68.53 2.64 0.00	58.81 2.10 0.00
VISCHER___FERRY HYD 24020	61.94 0.85 0.00	54.95 0.81 0.00	55.53 0.87 0.00	56.00 0.83 0.00	56.31 0.61 0.00	69.00 0.95 0.00	90.39 1.51 0.00	129.27 2.03 0.00	92.19 1.54 0.00	65.06 0.96 0.00	50.52 0.45 0.00	46.47 0.55 0.00	46.31 0.55 0.00	44.59 0.66 0.00	41.62 0.57 0.00	45.09 0.80 0.00	52.08 1.12 0.00	65.62 1.72 -0.08	90.20 2.37 0.00	105.91 2.18 0.00	93.19 2.36 0.00	71.90 1.89 0.00	67.67 1.78 0.00	58.13 1.42 0.00
V_A_10_SYNC_DSASP 323832	56.99 -4.09 0.00	50.67 -3.46 0.00	51.16 -3.50 0.00	51.81 -3.37 0.00	52.14 -3.56 0.00	62.88 -5.17 0.00	80.88 -8.00 0.00	114.51 -12.72 0.00	80.77 -9.88 0.00	57.69 -6.41 0.00	46.12 -3.96 0.00	41.69 -4.22 0.00	41.23 -4.53 0.00	39.45 -4.48 0.00	37.02 -4.02 0.00	39.86 -4.43 0.00	45.15 -5.81 0.00	56.47 -7.08 0.26	77.69 -9.92 0.21	92.22 -11.51 0.00	80.49 -10.26 0.09	61.95 -8.05 0.01	58.64 -7.25 0.00	51.66 -5.05 0.00
V_CMM_10_SYNC_DSASP 323787	60.59 -0.49 0.00	53.70 -0.43 0.00	54.22 -0.44 0.00	54.56 -0.61 0.00	53.96 -0.11 1.63	65.02 -0.34 2.69	81.34 -0.62 6.92	108.92 -0.38 17.94	88.65 -0.82 1.19	63.39 -0.71 0.00	50.02 -0.05 0.00	45.73 -0.18 0.00	45.58 -0.18 0.00	43.84 -0.09 0.00	40.96 -0.08 0.00	44.20 -0.09 0.00	50.86 -0.10 0.00	62.79 -1.02 0.00	86.24 -1.58 0.00	102.28 -1.45 0.00	89.20 -1.64 0.00	69.02 -0.98 0.00	65.04 -0.86 0.00	56.31 -0.40 0.00
V_CMP_10_SYNC_DSASP 323788	61.33 0.24 0.00	54.52 0.38 0.00	54.99 0.33 0.00	54.79 -0.39 0.00	55.92 0.22 0.00	67.23 -0.82 0.00	87.20 -1.69 0.00	125.33 -1.91 0.00	89.02 -1.63 0.00	62.37 -1.73 0.00	50.17 0.10 0.00	45.83 -0.09 0.00	45.72 -0.05 0.00	44.02 0.09 0.00	41.13 0.08 0.00	44.38 0.09 0.00	51.12 0.15 0.00	62.85 -0.96 0.00	85.45 -2.37 0.00	101.45 -2.28 0.00	88.48 -2.36 0.00	68.46 -1.54 0.00	64.90 -0.99 0.00	57.39 0.68 0.00
V_D_10_SYNC_DSASP 323841	61.33 0.24 0.00	54.30 0.16 0.00	54.83 0.16 0.00	55.17 0.00 0.00	71.39 0.61 -15.08	93.38 0.54 -24.79	153.32 0.53 -63.90	294.76 1.02 -166.50	102.03 0.36 -11.02	63.78 -0.32 0.00	50.22 0.15 0.00	45.92 0.00 0.00	45.72 -0.05 0.00	44.02 0.09 0.00	41.17 0.12 0.00	44.42 0.13 0.00	51.12 0.15 0.00	63.43 -0.38 0.00	87.12 -0.70 0.00	103.52 -0.21 0.00	90.20 -0.64 0.00	69.79 -0.21 0.00	65.69 -0.20 0.00	56.82 0.11 0.00

V_E_10_SYNC_DSASP 323830	64.63 3.54 0.00	57.22 3.09 0.00	57.89 3.23 0.00	58.87 3.70 0.00	59.54 3.84 0.00	73.08 5.04 0.00	96.62 7.73 0.00	138.69 11.45 0.00	97.72 7.07 0.00	67.88 3.78 0.00	52.32 2.25 0.00	47.85 1.93 0.00	47.32 1.56 0.00	45.20 1.27 0.00	42.56 1.52 0.00	46.19 1.90 0.00	53.36 2.40 0.00	67.09 3.45 0.16	93.80 5.97 0.00	111.30 7.57 0.00	97.10 6.27 0.00	74.13 4.13 0.00	69.25 3.36 0.00	59.49 2.78 0.00
V_F_30_NSYNC_DSASP 323816	62.73 1.65 0.00	55.65 1.52 0.00	56.25 1.59 0.00	56.83 1.66 0.00	57.15 1.45 0.00	70.09 2.04 0.00	92.08 3.20 0.00	131.95 4.71 0.00	93.55 2.90 0.00	65.83 1.73 0.00	50.97 0.90 0.00	46.74 0.83 0.00	46.63 0.87 0.00	44.76 0.83 0.00	41.78 0.74 0.00	45.31 1.02 0.00	52.49 1.53 0.00	66.31 2.42 -0.08	91.51 3.69 0.00	107.78 4.05 0.00	94.56 3.72 0.00	72.80 2.80 0.00	68.46 2.57 0.00	58.64 1.93 0.00
V_F_30_SYNC_DSASP 323786	61.63 0.55 0.00	54.73 0.60 0.00	55.21 0.55 0.00	55.72 0.55 0.00	56.03 0.33 0.00	68.59 0.54 0.00	90.04 1.16 0.00	128.77 1.53 0.00	92.10 1.45 0.00	65.06 0.96 0.00	50.52 0.45 0.00	46.47 0.55 0.00	46.40 0.64 0.00	44.63 0.70 0.00	41.70 0.66 0.00	45.09 0.80 0.00	51.98 1.02 0.00	65.36 1.47 -0.09	89.67 1.84 0.00	105.39 1.66 0.00	92.56 1.73 0.00	71.40 1.40 0.00	67.28 1.38 0.00	57.67 0.96 0.00
V_XM_10_SYNC_DSASP 323789	61.33 0.24 0.00	54.52 0.38 0.00	54.99 0.33 0.00	54.79 -0.39 0.00	55.92 0.22 0.00	67.23 -0.82 0.00	87.20 -1.69 0.00	125.33 -1.91 0.00	89.02 -1.63 0.00	62.37 -1.73 0.00	50.17 0.10 0.00	45.83 -0.09 0.00	45.72 -0.05 0.00	44.02 0.09 0.00	41.13 0.08 0.00	44.38 0.09 0.00	51.12 0.15 0.00	62.85 -0.96 0.00	85.45 -2.37 0.00	101.45 -2.28 0.00	88.48 -2.36 0.00	68.46 -1.54 0.00	64.90 -0.99 0.00	57.39 0.68 0.00
W.BABYLN_69_KV_BK1 56697	65.37 4.28 -0.01	57.83 3.68 -0.01	58.05 3.39 0.00	58.43 3.26 0.00	59.15 3.45 0.00	72.40 4.36 0.00	95.20 6.31 0.00	133.86 6.62 0.00	97.08 6.44 0.00	69.87 5.77 0.00	54.64 4.56 -0.01	50.38 4.45 -0.01	50.16 4.39 -0.01	47.84 3.91 0.00	44.41 3.37 0.00	48.06 3.76 0.00	55.66 4.69 -0.01	70.44 6.19 -0.44	95.74 7.90 -0.01	112.86 9.13 0.00	98.29 7.45 0.00	87.09 6.58 -10.51	77.28 6.13 -5.26	61.37 4.65 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	62.85 1.77 0.00	55.65 1.52 0.00	56.14 1.48 0.00	56.61 1.43 0.00	57.09 1.39 0.00	69.88 1.84 0.00	92.26 3.38 0.00	133.09 5.85 0.00	95.09 4.44 0.00	67.56 3.46 0.00	52.68 2.60 0.00	48.67 2.76 0.00	48.46 2.70 0.00	46.52 2.59 0.00	43.34 2.30 0.00	46.59 2.30 0.00	53.72 2.75 0.00	66.13 3.45 1.12	92.30 4.48 0.00	109.02 5.29 0.00	95.38 4.54 0.00	73.43 3.43 0.00	68.99 3.10 0.00	58.69 1.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	63.53 2.44 0.00	56.19 2.06 0.00	56.68 2.02 0.00	57.16 1.99 0.00	57.59 1.89 0.00	70.56 2.52 0.00	93.33 4.44 0.00	134.49 7.25 0.00	96.36 5.71 0.00	68.52 4.42 0.00	53.43 3.35 0.00	49.36 3.44 0.00	49.15 3.39 0.00	47.14 3.21 0.00	43.88 2.83 0.00	47.21 2.92 0.00	54.43 3.47 0.00	68.52 4.28 -0.43	93.27 5.45 0.00	110.16 6.43 0.00	96.29 5.45 0.00	74.06 4.06 0.00	69.58 3.69 0.00	59.20 2.50 0.00
W50THST__13_KV_LOAD 356117	63.77 2.69 0.00	56.41 2.27 0.00	56.90 2.24 0.00	57.32 2.15 0.00	57.82 2.12 0.00	70.84 2.79 0.00	93.68 4.80 0.00	135.13 7.89 0.00	96.81 6.16 0.00	68.84 4.74 0.00	53.68 3.61 0.00	49.59 3.67 0.00	49.38 3.62 0.00	47.36 3.43 0.00	44.08 3.04 0.00	47.39 3.10 0.00	54.69 3.72 0.00	68.84 4.59 -0.43	93.71 5.88 0.00	110.68 6.95 0.00	96.74 5.90 0.00	74.34 4.34 0.00	69.85 3.95 0.00	59.43 2.72 0.00
WADING RIVER_IC_1 23522	64.76 3.66 -0.01	57.18 3.03 -0.01	57.39 2.73 0.00	57.71 2.54 0.00	58.48 2.78 0.00	71.58 3.54 0.00	91.99 3.11 0.00	130.17 2.93 0.00	93.64 2.99 0.00	68.91 4.81 0.00	54.59 4.51 -0.01	50.20 4.27 -0.01	49.93 4.16 -0.01	47.57 3.64 0.00	44.08 3.04 0.00	47.79 3.50 0.00	55.56 4.59 -0.01	70.44 6.19 -0.44	94.86 7.03 -0.01	111.10 7.37 0.00	96.66 5.82 0.00	86.26 6.44 -9.82	77.54 6.39 -5.26	61.65 4.93 -0.01
WADING RIVER_IC_2 23547	64.76 3.66 -0.01	57.18 3.03 -0.01	57.39 2.73 0.00	57.71 2.54 0.00	58.48 2.78 0.00	71.58 3.54 0.00	91.99 3.11 0.00	130.17 2.93 0.00	93.64 2.99 0.00	68.91 4.81 0.00	54.59 4.51 -0.01	50.20 4.27 -0.01	49.93 4.16 -0.01	47.57 3.64 0.00	44.08 3.04 0.00	47.79 3.50 0.00	55.56 4.59 -0.01	70.44 6.19 -0.44	94.86 7.03 -0.01	111.10 7.37 0.00	96.66 5.82 0.00	86.26 6.44 -9.82	77.54 6.39 -5.26	61.65 4.93 -0.01
WADING RIVER_IC_3 23601	64.76 3.66 -0.01	57.18 3.03 -0.01	57.39 2.73 0.00	57.71 2.54 0.00	58.48 2.78 0.00	71.58 3.54 0.00	91.99 3.11 0.00	130.17 2.93 0.00	93.64 2.99 0.00	68.91 4.81 0.00	54.59 4.51 -0.01	50.20 4.27 -0.01	49.93 4.16 -0.01	47.57 3.64 0.00	44.08 3.04 0.00	47.79 3.50 0.00	55.56 4.59 -0.01	70.44 6.19 -0.44	94.86 7.03 -0.01	111.10 7.37 0.00	96.66 5.82 0.00	86.26 6.44 -9.82	77.54 6.39 -5.26	61.65 4.93 -0.01
WALDENNY_12_KV_BK2 80841	58.09 -2.99 0.00	51.75 -2.38 0.00	52.31 -2.35 0.00	53.02 -2.15 0.00	53.31 -2.40 0.00	64.17 -3.88 0.00	82.75 -6.13 0.00	115.91 -11.32 0.00	81.40 -9.25 0.00	58.26 -5.83 0.00	46.62 -3.45 0.00	42.11 -3.81 0.00	41.46 -4.30 0.00	39.71 -4.22 0.00	37.23 -3.82 0.00	40.08 -4.21 0.00	45.21 -5.76 0.00	55.94 -7.59 0.28	77.94 -9.66 0.22	92.84 -10.89 0.00	80.93 -9.81 0.09	62.15 -7.84 0.01	58.78 -7.12 0.00	52.40 -4.31 0.00
WALDEN__HYDRO 24148	62.67 1.59 0.00	55.49 1.35 0.00	56.03 1.37 0.00	56.55 1.38 0.00	56.98 1.28 0.00	69.82 1.77 0.00	92.17 3.29 0.00	132.71 5.47 0.00	94.73 4.08 0.00	67.17 3.08 0.00	52.27 2.20 0.00	48.26 2.34 0.00	48.05 2.29 0.00	46.13 2.20 0.00	43.01 1.97 0.00	46.24 1.95 0.00	53.41 2.45 0.00	66.36 3.13 0.57	91.95 4.13 0.00	108.71 4.98 0.00	95.11 4.27 0.00	73.22 3.22 0.00	68.79 2.90 0.00	58.58 1.87 0.00
WARRENSBURG____ 23737	61.88 0.79 0.00	54.89 0.76 0.00	55.54 0.87 0.00	56.11 0.94 0.00	56.48 0.78 0.00	69.34 1.29 0.00	91.37 2.49 0.00	131.18 3.94 0.00	92.64 1.99 0.00	65.06 0.96 0.00	50.27 0.20 0.00	46.06 0.14 0.00	45.95 0.18 0.00	44.06 0.13 0.00	41.04 0.00 0.00	44.64 0.35 0.00	51.88 0.92 0.00	65.61 1.72 -0.07	90.72 2.90 0.00	107.05 3.32 0.00	93.83 3.00 0.00	72.17 2.17 0.00	67.67 1.78 0.00	57.90 1.19 0.00
WATERSIDE__6 8 9 23538	63.71 2.63 0.00	56.25 2.11 0.00	56.74 2.08 0.00	57.16 1.99 0.00	57.65 1.95 0.00	70.50 2.45 0.00	93.15 4.27 0.00	134.36 7.13 0.00	96.36 5.71 0.00	68.52 4.42 0.00	53.53 3.45 0.00	49.41 3.49 0.00	49.19 3.43 0.00	47.22 3.29 0.00	43.92 2.87 0.00	47.21 2.92 0.00	54.48 3.52 0.00	68.39 4.15 -0.43	93.09 5.27 0.00	110.06 6.33 0.00	96.11 5.27 0.00	73.92 3.92 0.00	69.45 3.56 0.00	59.15 2.44 0.00

WATKINRD_115KV_LN8_ILLLION 55919	61.51 0.43 0.00	54.46 0.32 0.00	54.99 0.33 0.00	55.56 0.39 0.00	56.33 0.39 -0.24	69.05 0.61 -0.39	90.97 1.07 -1.01	131.61 1.65 -2.71	92.01 1.18 -0.18	64.93 0.83 0.00	50.57 0.50 0.00	46.42 0.51 0.00	46.27 0.50 0.00	44.37 0.44 0.00	41.50 0.45 0.00	44.82 0.53 0.00	51.58 0.61 0.00	64.70 0.89 0.00	89.05 1.23 0.00	105.08 1.35 0.00	91.93 1.09 0.00	70.70 0.70 0.00	66.42 0.53 0.00	57.05 0.34 0.00
WDELAWARE___HYD 323627	63.59 2.51 0.00	56.46 2.33 0.00	57.18 2.52 0.00	57.66 2.48 0.00	58.15 2.45 0.00	71.45 3.40 0.00	94.22 5.33 0.00	135.90 8.66 0.00	96.63 5.98 0.00	68.26 4.16 0.00	52.82 2.75 0.00	48.67 2.75 0.00	48.46 2.70 0.00	46.48 2.55 0.00	43.38 2.34 0.00	46.68 2.39 0.00	54.07 3.11 0.00	67.53 4.15 0.42	93.53 5.71 0.00	110.79 7.06 0.00	96.83 5.99 0.00	74.49 4.48 0.00	69.98 4.09 0.00	59.60 2.89 0.00
WEST BABYLON___IC 23714	65.37 4.28 -0.01	57.83 3.68 -0.01	58.05 3.39 0.00	58.43 3.26 0.00	59.15 3.45 0.00	72.40 4.36 0.00	95.20 6.31 0.00	133.86 6.62 0.00	97.08 6.44 0.00	69.87 5.77 0.00	54.64 4.56 -0.01	50.38 4.45 -0.01	50.16 4.39 -0.01	47.84 3.91 0.00	44.41 3.37 0.00	48.06 3.76 0.00	55.66 4.69 -0.01	70.44 6.19 -0.44	95.74 7.90 -0.01	112.86 9.13 0.00	98.29 7.45 0.00	87.09 6.58 -10.51	77.28 6.13 -5.26	61.37 4.65 -0.01
WEST CANADA___HYD 24049	61.14 0.06 0.00	54.19 0.05 0.00	54.72 0.05 0.00	55.23 0.06 0.00	55.94 0.00 -0.24	68.51 0.07 -0.39	90.08 0.18 -1.01	130.34 0.38 -2.71	91.10 0.27 -0.18	64.29 0.19 0.00	50.12 0.05 0.00	46.01 0.09 0.00	45.81 0.05 0.00	44.02 0.09 0.00	41.13 0.08 0.00	44.38 0.09 0.00	51.12 0.15 0.00	64.07 0.26 0.00	88.18 0.35 0.00	104.04 0.31 0.00	91.11 0.27 0.00	70.21 0.21 0.00	66.09 0.20 0.00	56.82 0.11 0.00
WESTERN_NY_WIND 24143	58.46 -2.63 0.00	51.97 -2.17 0.00	52.42 -2.24 0.00	53.19 -1.99 0.00	53.47 -2.23 0.00	64.78 -3.27 0.00	83.91 -4.98 0.00	118.71 -8.53 0.00	83.40 -7.25 0.00	59.16 -4.94 0.00	47.17 -2.90 0.00	42.57 -3.35 0.00	42.06 -3.71 0.00	40.20 -3.73 0.00	37.68 -3.37 0.00	40.61 -3.68 0.00	46.17 -4.79 0.00	57.88 -5.68 0.25	80.07 -7.55 0.20	95.22 -8.51 0.00	83.01 -7.72 0.10	63.76 -6.23 0.01	60.16 -5.73 0.00	53.25 -3.46 0.00
WESTOVER___LESR 323668	61.27 0.18 0.00	54.35 0.22 0.00	54.88 0.22 0.00	55.45 0.28 0.00	56.03 0.33 0.00	68.25 0.20 0.00	89.24 0.36 0.00	127.24 0.00 0.00	90.10 -0.54 0.00	63.84 -0.26 0.00	50.02 -0.05 0.00	45.69 -0.23 0.00	45.44 -0.32 0.00	43.58 -0.35 0.00	40.72 -0.33 0.00	44.02 -0.27 0.00	50.40 -0.56 0.00	62.95 -0.70 0.16	87.35 -0.44 0.04	103.52 -0.21 0.00	90.55 -0.27 0.02	69.58 -0.42 0.00	65.43 -0.46 0.00	56.65 -0.06 0.00
WETHRSFD_WT_PWR 323626	58.58 -2.51 0.00	52.30 -1.84 0.00	52.91 -1.75 0.00	53.57 -1.60 0.00	54.14 -1.56 0.00	65.12 -2.92 0.00	84.26 -4.63 0.00	118.71 -8.52 0.00	83.22 -7.43 0.00	59.16 -4.93 0.00	46.97 -3.10 0.00	42.43 -3.49 0.00	41.87 -3.89 0.00	40.11 -3.82 0.00	37.56 -3.49 0.00	40.44 -3.85 0.00	45.82 -5.15 0.00	57.00 -6.57 0.24	79.57 -8.08 0.17	94.91 -8.82 0.00	82.77 -7.99 0.07	63.41 -6.58 0.01	59.70 -6.20 0.00	52.68 -4.03 0.00
WHAVSTOR_138KV_BK127 55557	62.67 1.59 0.00	55.49 1.35 0.00	55.97 1.31 0.00	56.44 1.27 0.00	56.87 1.17 0.00	69.61 1.57 0.00	91.91 3.02 0.00	132.46 5.22 0.00	94.73 4.08 0.00	67.30 3.20 0.00	52.52 2.45 0.00	48.54 2.62 0.00	48.32 2.56 0.00	46.39 2.46 0.00	43.22 2.18 0.00	46.46 2.17 0.00	53.56 2.60 0.00	65.87 3.19 1.13	91.95 4.13 0.00	108.61 4.88 0.00	95.02 4.18 0.00	73.15 3.15 0.00	68.79 2.90 0.00	58.52 1.81 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	62.67 1.59 0.00	55.49 1.35 0.00	55.97 1.31 0.00	56.44 1.27 0.00	56.87 1.17 0.00	69.61 1.57 0.00	91.91 3.02 0.00	132.46 5.22 0.00	94.73 4.08 0.00	67.30 3.20 0.00	52.52 2.45 0.00	48.54 2.62 0.00	48.32 2.56 0.00	46.39 2.46 0.00	43.22 2.18 0.00	46.46 2.17 0.00	53.56 2.60 0.00	65.87 3.19 1.13	91.95 4.13 0.00	108.61 4.88 0.00	95.02 4.18 0.00	73.15 3.15 0.00	68.79 2.90 0.00	58.52 1.81 0.00
WHITEHAL_115KV_TB1 80871	62.00 0.92 0.00	54.95 0.81 0.00	55.65 0.98 0.00	56.22 1.05 0.00	56.65 0.95 0.00	69.75 1.70 0.00	92.08 3.20 0.00	132.20 4.96 0.00	92.91 2.27 0.00	64.99 0.90 0.00	50.02 -0.05 0.00	45.78 -0.14 0.00	45.67 -0.09 0.00	43.75 -0.18 0.00	40.76 -0.29 0.00	44.38 0.09 0.00	51.78 0.82 0.00	65.74 1.85 -0.07	91.25 3.43 0.00	107.78 4.05 0.00	94.56 3.72 0.00	72.52 2.52 0.00	67.93 2.04 0.00	57.96 1.25 0.00
WHITEPLN_13_KV_LOAD 356215	63.77 2.69 0.00	56.41 2.27 0.00	57.01 2.35 0.00	57.49 2.32 0.00	57.87 2.17 0.00	70.97 2.93 0.00	93.77 4.89 0.00	135.25 8.02 0.00	96.72 6.07 0.00	68.58 4.49 0.00	53.43 3.35 0.00	49.41 3.49 0.00	49.19 3.43 0.00	47.18 3.25 0.00	43.92 2.87 0.00	47.30 3.01 0.00	54.53 3.57 0.00	68.85 4.59 -0.44	93.80 5.97 0.00	110.78 7.05 0.00	96.83 6.00 0.00	74.48 4.48 0.00	69.98 4.09 0.00	59.55 2.84 0.00
WM_FLOYD_69_KV_BK2 356380	65.00 3.91 -0.01	57.45 3.30 -0.01	57.67 3.01 0.00	58.04 2.87 0.00	58.76 3.06 0.00	71.99 3.95 0.00	94.31 5.42 0.00	131.44 4.20 0.00	96.00 5.35 0.00	69.23 5.13 0.00	54.59 4.51 -0.01	50.24 4.32 -0.01	50.03 4.26 -0.01	47.58 3.65 0.00	44.08 3.04 0.00	47.79 3.50 0.00	55.56 4.59 -0.01	70.44 6.19 -0.44	95.30 7.46 -0.01	111.93 8.19 0.00	97.38 6.54 0.00	86.56 6.72 -9.83	77.61 6.46 -5.26	61.60 4.88 -0.01
WOODARD_115KV_TB2 355635	60.47 -0.61 0.00	53.60 -0.54 0.00	54.12 -0.55 0.00	54.67 -0.50 0.00	55.40 -0.50 -0.20	67.70 -0.68 -0.33	89.03 -0.71 -0.85	128.45 -0.89 -2.11	89.88 -0.91 -0.14	63.46 -0.64 0.00	49.67 -0.40 0.00	45.41 -0.51 0.00	45.26 -0.50 0.00	43.40 -0.53 0.00	40.55 -0.49 0.00	43.76 -0.53 0.00	50.20 -0.76 0.00	62.98 -0.83 0.00	86.86 -0.97 0.00	102.69 -1.04 0.00	89.93 -0.91 0.00	69.16 -0.84 0.00	65.04 -0.86 0.00	56.09 -0.62 0.00
WOODMERE_69_KV_BK1 55827	64.76 3.66 -0.02	57.35 3.19 -0.02	57.61 2.95 0.00	58.04 2.87 0.00	58.60 2.90 0.00	71.79 3.74 0.00	94.22 5.33 0.00	133.73 6.49 0.00	96.54 5.89 0.00	69.42 5.32 0.00	54.14 4.06 -0.02	49.97 4.04 -0.02	49.80 4.03 -0.02	47.58 3.65 0.00	44.25 3.20 0.00	47.79 3.50 0.00	55.16 4.18 -0.02	69.68 5.42 -0.45	94.69 6.85 -0.02	111.82 8.09 0.00	97.38 6.54 0.00	91.31 5.32 -15.99	76.23 5.07 -5.26	60.52 3.80 -0.02
YORK___WARBASSE 23770	63.89 2.81 0.00	56.36 2.22 0.00	56.85 2.19 0.00	57.27 2.10 0.00	57.76 2.06 0.00	70.56 2.52 0.00	93.33 4.44 0.00	134.62 7.38 0.00	96.54 5.89 0.00	68.65 4.55 0.00	53.53 3.45 0.00	49.45 3.54 0.00	49.24 3.48 0.00	47.27 3.34 0.00	43.92 2.87 0.00	47.26 2.97 0.00	54.53 3.57 0.00	68.26 4.02 -0.43	93.01 5.18 0.00	110.06 6.33 0.00	96.20 5.36 0.00	73.85 3.85 0.00	69.38 3.49 0.00	59.15 2.44 0.00