

# Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										11/19/2025		
Generator Data																																		
Name	PTID	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									
59TH STREET_GT_1 24138	EST	55.36	52.73	51.34	52.07	53.01	56.36	78.93	93.14	66.27	60.10	52.00	51.25	50.37	51.24	54.09	65.17	83.82	102.10	89.05	81.57	71.23	63.66	58.55	55.96									
		2.38	2.13	2.16	2.19	2.43	2.84	4.26	5.11	4.34	4.33	4.08	3.98	3.92	3.87	3.94	4.66	5.56	6.77	5.75	4.91	3.65	3.72	3.26	3.07									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.43	-0.43	-0.36	-0.22	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_1 24260		55.46	52.83	51.49	52.22	53.16	56.52	79.08	93.31	66.27	65.42	60.45	59.59	57.40	55.46	58.83	65.18	83.97	102.19	89.22	81.72	71.36	63.84	58.72	56.12									
		2.49	2.23	2.31	2.34	2.58	3.00	4.41	5.28	4.34	4.27	4.04	3.94	3.83	3.82	3.89	4.66	5.71	6.86	5.91	5.06	3.78	3.90	3.43	3.23									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.64	-8.93	-8.81	-7.49	-4.48	-5.04	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_2 24261		55.46	52.83	51.49	52.22	53.16	56.52	79.08	93.31	66.27	65.42	60.45	59.59	57.40	55.46	58.83	65.18	83.97	102.19	89.22	81.72	71.36	63.84	58.72	56.12									
		2.49	2.23	2.31	2.34	2.58	3.00	4.41	5.28	4.34	4.27	4.04	3.94	3.83	3.82	3.89	4.66	5.71	6.86	5.91	5.06	3.78	3.90	3.43	3.23									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.64	-8.93	-8.81	-7.49	-4.48	-5.04	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK HUDSON___FALLS 24011		56.31	54.00	52.38	53.07	53.92	57.32	80.27	94.81	65.84	58.33	49.62	48.95	48.12	49.14	52.30	64.08	83.50	102.00	89.14	82.26	72.64	64.26	59.05	56.60									
		3.34	3.39	3.20	3.19	3.34	3.80	5.60	6.78	3.90	2.83	2.14	2.11	2.03	1.98	2.40	3.57	5.24	6.67	5.83	5.60	5.07	4.32	3.76	3.70									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK RESOURCE___RCVRY 23798		56.63	54.30	52.67	53.36	54.18	57.64	80.79	95.51	66.21	58.61	49.81	49.14	48.35	49.28	52.45	64.39	83.97	102.67	89.72	82.87	73.18	64.68	59.38	56.91									
		3.65	3.69	3.49	3.49	3.59	4.12	6.12	7.48	4.27	3.11	2.33	2.29	2.26	2.12	2.54	3.88	5.71	7.34	6.41	6.21	5.61	4.73	4.09	4.02									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK S GLENS___FALLS 24028		56.31	54.00	52.38	53.07	53.92	57.32	80.27	94.81	65.84	58.33	49.62	48.95	48.12	49.14	52.30	64.08	83.50	102.00	89.14	82.26	72.64	64.26	59.05	56.60									
		3.34	3.39	3.20	3.19	3.34	3.80	5.60	6.78	3.90	2.83	2.14	2.11	2.03	1.98	2.40	3.57	5.24	6.67	5.83	5.60	5.07	4.32	3.76	3.70									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK_NYS___DAM 23527		54.88	52.63	51.00	51.72	52.56	55.66	77.66	91.46	64.54	57.28	48.38	48.06	47.38	48.48	51.75	62.81	81.70	99.52	87.22	80.26	70.69	62.64	57.84	55.17									
		1.90	2.03	1.82	1.85	1.97	2.14	2.99	3.43	2.60	1.78	0.90	1.22	1.29	1.32	1.85	2.30	3.44	4.19	3.92	3.60	3.11	2.70	2.54	2.27									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
AIR_PRODUCTS___DRP 24190		52.92	50.56	49.18	49.77	50.64	53.57	74.67	88.12	62.06	55.39	47.48	46.99	46.27	47.25	50.10	60.75	78.65	95.71	83.64	77.04	67.78	60.24	55.46	53.16									
		-0.05	-0.05	0.00	-0.10	0.05	0.05	0.00	0.09	0.12	-0.11	0.00	0.14	0.18	0.09	0.20	0.24	0.39	0.38	0.33	0.38	0.20	0.30	0.17	0.26									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
AKWESSNE_115KV_BK 355683		52.87	50.66	49.23	49.77	50.99	53.36	73.63	87.06	61.38	55.22	46.87	46.24	45.26	46.92	49.95	59.42	76.85	93.71	81.72	75.82	67.24	59.71	55.90	53.58									
		-0.11	0.05	0.05	-0.10	0.40	-0.16	-1.05	-0.97	-0.56	-0.28	-0.62	-0.61	-0.83	-0.24	0.05	-1.09	-1.41	-1.62	-1.58	-0.84	-0.34	-0.24	0.61	0.69									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		54.56	52.18	50.71	51.37	52.15	55.28	77.13	90.93	63.49	56.39	48.06	47.41	46.64	47.73	50.80	62.08	80.69	98.38	86.14	79.34	69.80	61.98	57.17	54.64									
		1.59	1.57	1.53	1.49	1.57	1.76	2.46	2.90	1.55	0.89	0.57	0.56	0.56	0.57	0.90	1.57	2.43	3.05	2.83	2.68	2.23	2.04	1.88	1.74									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY_2_SOLAR 323834		54.56	52.18	50.71	51.37	52.15	55.28	77.13	90.85	63.42	56.39	48.01	47.41	46.64	47.73	50.75	62.02	80.69	98.38	86.05	79.27	69.80	61.98	57.17	54.64									
		1.59	1.57	1.53	1.49	1.57	1.76	2.46	2.82	1.48	0.89	0.52	0.56	0.56	0.57	0.85	1.51	2.43	3.05	2.74	2.61	2.23	2.04	1.88	1.74									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 23571		52.92	50.56	49.18	49.77	50.64	53.57	74.67	88.12	62.06	55.39	47.48	46.99	46.27	47.25	50.10	60.75	78.65	95.71	83.64	77.04	67.78	60.24	55.46	53.16									
		-0.05	-0.05	0.00	-0.10	0.05	0.05	0.00	0.09	0.12	-0.11	0.00	0.14	0.18	0.09	0.20	0.24	0.39	0.38	0.33	0.38	0.20	0.30	0.17	0.26									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									

ALBANY___2 23572	52.92 -0.05 0.00	50.56 -0.05 0.00	49.18 0.00 0.00	49.77 -0.10 0.00	50.64 0.05 0.00	53.57 0.05 0.00	74.67 0.00 0.00	88.12 0.09 0.00	62.06 0.12 0.00	55.39 -0.11 0.00	47.48 0.00 0.00	46.99 0.14 0.00	46.27 0.18 0.00	47.25 0.09 0.00	50.10 0.20 0.00	60.75 0.24 0.00	78.65 0.39 0.00	95.71 0.38 0.00	83.64 0.33 0.00	77.04 0.38 0.00	67.78 0.20 0.00	60.24 0.30 0.00	55.46 0.17 0.00	53.16 0.26 0.00
ALBANY___3 23573	52.92 -0.05 0.00	50.56 -0.05 0.00	49.18 0.00 0.00	49.77 -0.10 0.00	50.64 0.05 0.00	53.57 0.05 0.00	74.67 0.00 0.00	88.12 0.09 0.00	62.06 0.12 0.00	55.39 -0.11 0.00	47.48 0.00 0.00	46.99 0.14 0.00	46.27 0.18 0.00	47.25 0.09 0.00	50.10 0.20 0.00	60.75 0.24 0.00	78.65 0.39 0.00	95.71 0.38 0.00	83.64 0.33 0.00	77.04 0.38 0.00	67.78 0.20 0.00	60.24 0.30 0.00	55.46 0.17 0.00	53.16 0.26 0.00
ALBANY___4 23574	52.92 -0.05 0.00	50.56 -0.05 0.00	49.18 0.00 0.00	49.77 -0.10 0.00	50.64 0.05 0.00	53.57 0.05 0.00	74.67 0.00 0.00	88.12 0.09 0.00	62.06 0.12 0.00	55.39 -0.11 0.00	47.48 0.00 0.00	46.99 0.14 0.00	46.27 0.18 0.00	47.25 0.09 0.00	50.10 0.20 0.00	60.75 0.24 0.00	78.65 0.39 0.00	95.71 0.38 0.00	83.64 0.33 0.00	77.04 0.38 0.00	67.78 0.20 0.00	60.24 0.30 0.00	55.46 0.17 0.00	53.16 0.26 0.00
ALBANY___LFGE 323615	53.40 0.42 0.00	51.01 0.40 0.00	49.57 0.39 0.00	50.23 0.35 0.00	50.99 0.40 0.00	54.11 0.59 0.00	75.42 0.75 0.00	89.00 0.97 0.00	62.62 0.68 0.00	55.89 0.39 0.00	47.82 0.33 0.00	47.31 0.47 0.00	46.64 0.56 0.00	47.63 0.47 0.00	50.50 0.60 0.00	61.29 0.78 0.00	79.44 1.18 0.00	96.66 1.33 0.00	84.47 1.17 0.00	77.81 1.15 0.00	68.45 0.88 0.00	60.78 0.84 0.00	55.96 0.67 0.00	53.37 0.47 0.00
ALCOA_PA_115KV_PL-6C 55860	53.35 0.37 0.00	51.06 0.46 0.00	49.67 0.49 0.00	50.22 0.35 0.00	51.39 0.81 0.00	53.84 0.32 0.00	74.22 -0.45 0.00	87.77 -0.26 0.00	61.88 -0.06 0.00	55.61 0.11 0.00	47.15 -0.33 0.00	46.57 -0.28 0.00	45.54 -0.55 0.00	47.25 0.09 0.00	50.25 0.35 0.00	59.78 -0.73 0.00	77.32 -0.94 0.00	94.28 -1.05 0.00	82.22 -1.08 0.00	76.35 -0.31 0.00	67.71 0.14 0.00	60.18 0.24 0.00	56.34 1.05 0.00	54.01 1.11 0.00
ALCOA_RYNLDS___DRP 24188	53.35 0.37 0.00	51.06 0.46 0.00	49.67 0.49 0.00	50.22 0.35 0.00	51.39 0.81 0.00	53.84 0.32 0.00	74.22 -0.45 0.00	87.77 -0.26 0.00	61.88 -0.06 0.00	55.61 0.11 0.00	47.15 -0.33 0.00	46.57 -0.28 0.00	45.54 -0.55 0.00	47.25 0.09 0.00	50.25 0.35 0.00	59.78 -0.73 0.00	77.32 -0.94 0.00	94.28 -1.05 0.00	82.22 -1.08 0.00	76.35 -0.31 0.00	67.71 0.14 0.00	60.18 0.24 0.00	56.34 1.05 0.00	54.01 1.11 0.00
ALCOA___DSASP 323711	53.35 0.37 0.00	51.06 0.46 0.00	49.67 0.49 0.00	50.22 0.35 0.00	51.39 0.81 0.00	53.84 0.32 0.00	74.22 -0.45 0.00	87.77 -0.26 0.00	61.88 -0.06 0.00	55.61 0.11 0.00	47.15 -0.33 0.00	46.57 -0.28 0.00	45.54 -0.55 0.00	47.25 0.09 0.00	50.25 0.35 0.00	59.78 -0.73 0.00	77.32 -0.94 0.00	94.28 -1.05 0.00	82.22 -1.08 0.00	76.35 -0.31 0.00	67.71 0.14 0.00	60.18 0.24 0.00	56.34 1.05 0.00	54.01 1.11 0.00
ALLEGHENY___COGEN 23514	55.78 2.81 0.00	53.49 2.88 0.00	51.93 2.75 0.00	53.02 3.14 0.00	53.21 2.63 0.00	55.39 1.87 0.00	77.35 2.68 0.00	90.41 2.38 0.00	62.50 0.56 0.00	55.78 0.28 0.00	47.48 0.00 0.00	46.42 -0.42 0.00	45.77 -0.32 0.00	46.88 -0.28 0.00	49.16 -0.75 0.00	59.84 -0.66 0.00	75.19 -3.05 0.02	93.03 -2.29 0.01	81.63 -1.67 0.01	74.88 -1.76 0.02	67.11 -0.47 0.00	58.33 -1.62 0.00	55.79 0.50 0.00	54.64 1.74 0.00
ALTAMONT_115KV_TB 2 55880	53.56 0.58 0.00	51.16 0.56 0.00	49.72 0.54 0.00	50.42 0.55 0.00	51.19 0.61 0.00	54.27 0.75 0.00	75.72 1.05 0.00	89.26 1.23 0.00	62.87 0.93 0.00	56.22 0.72 0.00	48.15 0.66 0.00	47.55 0.70 0.00	46.78 0.69 0.00	47.82 0.66 0.00	50.70 0.80 0.00	61.48 0.97 0.00	79.59 1.33 0.00	96.86 1.53 0.00	84.64 1.33 0.00	77.96 1.30 0.00	68.59 1.01 0.00	60.96 1.02 0.00	56.12 0.83 0.00	53.74 0.85 0.00
ALTONA_WT_PWR 323606	52.71 -0.26 0.00	50.51 -0.10 0.00	49.13 -0.05 0.00	49.73 -0.15 0.00	50.89 0.31 0.00	53.09 -0.43 0.00	72.96 -1.71 0.00	86.35 -1.68 0.00	60.95 -0.99 0.00	54.28 -1.22 0.00	46.72 -0.76 0.00	46.14 -0.70 0.00	45.12 -0.97 0.00	46.83 -0.33 0.00	49.85 -0.05 0.00	59.06 -1.45 0.00	76.38 -1.88 0.00	93.04 -2.29 0.00	80.89 -2.42 0.00	75.43 -1.23 0.00	66.83 -0.74 0.00	58.93 -1.02 0.00	55.18 -0.11 0.00	53.74 0.84 0.00
AMERICAN_REF_FUEL 24010	51.86 -1.11 0.00	49.79 -0.81 0.00	48.54 -0.64 0.00	49.42 -0.45 0.00	49.62 -0.96 0.00	50.52 -3.00 0.00	69.22 -5.45 0.00	80.46 -7.57 0.00	56.30 -5.64 0.00	51.61 -3.89 0.00	44.64 -2.85 0.00	43.80 -3.04 0.00	43.23 -2.86 0.00	44.09 -3.06 0.00	45.66 -4.24 0.00	54.94 -5.57 0.00	70.42 -7.83 0.01	86.55 -8.77 0.01	75.72 -7.58 0.01	69.06 -7.59 0.01	62.31 -5.27 0.00	54.43 -5.51 0.00	50.54 -4.76 0.00	50.57 -2.33 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	54.30 1.32 0.00	52.12 1.52 0.00	50.65 1.47 0.00	51.57 1.70 0.00	51.75 1.16 0.00	53.04 -0.48 0.00	74.30 -0.37 0.00	86.18 -1.85 0.00	59.77 -2.17 0.00	54.95 -0.55 0.00	47.53 0.05 0.00	46.61 -0.23 0.00	45.95 -0.14 0.00	46.78 -0.38 0.00	48.35 -1.55 0.00	58.21 -2.30 0.00	75.03 -3.21 0.02	92.18 -3.14 0.01	80.55 -2.75 0.01	73.57 -3.07 0.02	66.02 -1.55 0.00	57.31 -2.64 0.00	53.30 -1.99 0.00	53.05 0.16 0.00
ARTHUR KILL_GT_1 23520	56.06 3.07 -0.01	53.40 2.78 -0.01	52.29 3.10 -0.01	53.02 3.14 -0.01	53.93 3.34 -0.01	57.12 3.59 -0.01	78.48 3.81 0.00	92.43 4.40 0.00	65.53 3.59 0.00	64.02 2.94 -5.57	59.24 2.94 -8.81	58.39 2.86 -8.69	56.29 2.81 -7.39	54.37 2.78 -4.43	57.72 2.84 -4.97	64.64 4.11 -0.02	83.11 4.85 0.00	101.34 6.01 0.00	88.47 5.16 0.00	81.03 4.37 0.00	70.62 3.04 0.00	63.48 3.54 0.00	59.05 3.76 0.00	56.76 3.86 -0.01
ARTHUR_KILL_2 23512	55.89 2.91 -0.01	53.29 2.68 -0.01	52.14 2.95 -0.01	52.87 2.99 -0.01	53.68 3.09 -0.01	56.96 3.43 -0.01	78.25 3.58 0.00	92.17 4.14 0.00	65.35 3.40 -0.01	63.85 2.77 -5.57	59.05 2.75 -8.81	58.30 2.76 -8.69	56.15 2.67 -7.39	54.27 2.69 -4.43	57.62 2.74 -4.97	64.40 3.88 -0.02	82.88 4.62 0.00	101.05 5.72 0.00	88.22 4.91 0.00	80.80 4.14 0.00	70.35 2.77 0.00	63.36 3.42 0.00	59.00 3.71 0.00	56.34 3.44 -0.01
ARTHUR_KILL_3 23513	54.99 2.01 0.00	52.33 1.72 0.00	51.00 1.82 0.00	51.72 1.85 0.00	52.51 1.92 0.00	55.98 2.46 0.00	78.33 3.66 0.00	92.43 4.40 0.00	65.66 3.72 -0.01	64.95 3.88 -5.57	60.00 3.71 -8.80	59.14 3.61 -8.68	56.97 3.50 -7.38	55.12 3.54 -4.42	58.46 3.60 -4.97	64.58 4.05 -0.02	83.12 4.85 0.00	101.24 5.91 0.00	88.30 5.00 0.00	80.95 4.29 0.00	70.69 3.11 0.00	63.24 3.29 0.00	58.22 2.93 0.00	55.28 2.38 0.00

ARTHUR_KILL_COGEN 323718	56.05 3.07 -0.01	53.40 2.78 -0.01	52.29 3.10 -0.01	53.03 3.14 -0.01	53.83 3.24 -0.01	57.12 3.59 -0.01	78.48 3.81 0.00	92.43 4.40 0.00	65.54 3.59 -0.01	63.96 2.88 -5.57	59.15 2.85 -8.81	58.39 2.86 -8.69	56.29 2.81 -7.39	54.37 2.78 -4.43	57.72 2.84 -4.97	64.58 4.05 -0.02	83.12 4.85 0.00	101.34 6.01 0.00	88.47 5.17 0.00	81.03 4.37 0.00	70.62 3.04 0.00	63.54 3.60 0.00	59.10 3.81 0.00	56.50 3.60 -0.01
ASHOKAN____ 23654	54.72 1.75 0.00	52.12 1.52 0.00	50.65 1.47 0.00	51.37 1.49 0.00	52.25 1.67 0.00	55.61 2.09 0.00	78.11 3.44 0.00	92.08 4.05 0.00	64.35 2.41 0.00	57.28 1.78 0.00	48.43 0.95 0.00	47.59 0.75 0.00	46.64 0.56 0.00	47.77 0.61 0.00	50.70 0.80 0.00	62.26 1.76 0.00	81.23 2.97 0.00	98.95 3.62 0.00	86.72 3.42 0.00	79.50 2.84 0.00	69.74 2.16 0.00	62.22 2.28 0.00	57.72 2.43 0.00	54.85 1.96 0.00
ASTORIA_EAST_ENERGY_CC1 323581	55.36 2.39 0.00	52.78 2.17 0.00	51.60 2.41 -0.01	52.28 2.39 -0.01	53.07 2.48 -0.01	56.58 3.05 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.48 3.53 -0.01	64.63 3.50 -5.63	59.86 3.56 -8.81	59.05 3.52 -8.69	56.92 3.46 -7.38	55.01 3.44 -4.41	58.42 3.54 -4.97	64.63 4.12 -0.01	82.95 4.70 0.01	101.04 5.72 0.01	88.13 4.83 0.00	80.71 4.06 0.01	70.41 2.84 0.01	63.30 3.35 0.00	58.61 3.32 0.00	55.76 2.85 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	55.30 2.33 0.00	52.78 2.17 0.00	51.55 2.36 -0.01	52.23 2.34 -0.01	53.02 2.43 -0.01	56.58 3.05 -0.01	78.40 3.73 0.00	92.43 4.40 0.00	65.41 3.47 -0.01	64.63 3.50 -5.63	59.86 3.56 -8.81	59.05 3.52 -8.69	56.87 3.41 -7.38	55.01 3.44 -4.41	58.37 3.49 -4.97	64.63 4.12 -0.01	82.87 4.62 0.01	100.95 5.62 0.01	88.05 4.75 0.00	80.64 3.98 0.01	70.34 2.77 0.01	63.24 3.29 0.00	58.61 3.32 0.00	55.76 2.85 -0.01
ASTORIA_GT2_1 24094	55.36 2.38 0.00	52.78 2.18 0.00	51.60 2.41 -0.01	52.28 2.39 -0.01	53.17 2.58 -0.01	56.58 3.05 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.47 3.53 0.00	64.64 3.50 -5.64	59.91 3.61 -8.81	59.05 3.51 -8.69	56.97 3.50 -7.38	55.01 3.44 -4.41	58.42 3.54 -4.97	64.70 4.18 -0.02	82.88 4.62 0.00	100.95 5.62 0.00	88.14 4.83 0.00	80.72 4.06 0.00	70.48 2.91 0.00	63.30 3.36 0.00	58.55 3.26 0.00	56.08 3.17 -0.01
ASTORIA_GT2_2 24095	55.36 2.38 0.00	52.78 2.18 0.00	51.60 2.41 -0.01	52.28 2.39 -0.01	53.17 2.58 -0.01	56.58 3.05 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.47 3.53 0.00	64.64 3.50 -5.64	59.91 3.61 -8.81	59.05 3.51 -8.69	56.97 3.50 -7.38	55.01 3.44 -4.41	58.42 3.54 -4.97	64.70 4.18 -0.02	82.88 4.62 0.00	100.95 5.62 0.00	88.14 4.83 0.00	80.72 4.06 0.00	70.48 2.91 0.00	63.30 3.36 0.00	58.55 3.26 0.00	56.08 3.17 -0.01
ASTORIA_GT2_3 24096	55.36 2.38 0.00	52.78 2.18 0.00	51.60 2.41 -0.01	52.28 2.39 -0.01	53.17 2.58 -0.01	56.58 3.05 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.47 3.53 0.00	64.64 3.50 -5.64	59.91 3.61 -8.81	59.05 3.51 -8.69	56.97 3.50 -7.38	55.01 3.44 -4.41	58.42 3.54 -4.97	64.70 4.18 -0.02	82.88 4.62 0.00	100.95 5.62 0.00	88.14 4.83 0.00	80.72 4.06 0.00	70.48 2.91 0.00	63.30 3.36 0.00	58.55 3.26 0.00	56.08 3.17 -0.01
ASTORIA_GT2_4 24097	55.36 2.38 0.00	52.78 2.18 0.00	51.60 2.41 -0.01	52.28 2.39 -0.01	53.17 2.58 -0.01	56.58 3.05 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.47 3.53 0.00	64.64 3.50 -5.64	59.91 3.61 -8.81	59.05 3.51 -8.69	56.97 3.50 -7.38	55.01 3.44 -4.41	58.42 3.54 -4.97	64.70 4.18 -0.02	82.88 4.62 0.00	100.95 5.62 0.00	88.14 4.83 0.00	80.72 4.06 0.00	70.48 2.91 0.00	63.30 3.36 0.00	58.55 3.26 0.00	56.08 3.17 -0.01
ASTORIA_GT3_1 24098	55.36 2.38 0.00	52.78 2.18 0.00	51.60 2.41 -0.01	52.28 2.39 -0.01	53.17 2.58 -0.01	56.58 3.05 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.47 3.53 0.00	64.64 3.50 -5.64	59.91 3.61 -8.81	59.05 3.51 -8.69	56.97 3.50 -7.38	55.01 3.44 -4.41	58.42 3.54 -4.97	64.70 4.18 -0.02	82.88 4.62 0.00	100.95 5.62 0.00	88.14 4.83 0.00	80.72 4.06 0.00	70.48 2.91 0.00	63.30 3.36 0.00	58.55 3.26 0.00	56.08 3.17 -0.01
ASTORIA_GT3_2 24099	55.36 2.38 0.00	52.78 2.18 0.00	51.60 2.41 -0.01	52.28 2.39 -0.01	53.17 2.58 -0.01	56.58 3.05 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.47 3.53 0.00	64.64 3.50 -5.64	59.91 3.61 -8.81	59.05 3.51 -8.69	56.97 3.50 -7.38	55.01 3.44 -4.41	58.42 3.54 -4.97	64.70 4.18 -0.02	82.88 4.62 0.00	100.95 5.62 0.00	88.14 4.83 0.00	80.72 4.06 0.00	70.48 2.91 0.00	63.30 3.36 0.00	58.55 3.26 0.00	56.08 3.17 -0.01
ASTORIA_GT3_3 24100	55.36 2.38 0.00	52.78 2.18 0.00	51.60 2.41 -0.01	52.28 2.39 -0.01	53.17 2.58 -0.01	56.58 3.05 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.47 3.53 0.00	64.64 3.50 -5.64	59.91 3.61 -8.81	59.05 3.51 -8.69	56.97 3.50 -7.38	55.01 3.44 -4.41	58.42 3.54 -4.97	64.70 4.18 -0.02	82.88 4.62 0.00	100.95 5.62 0.00	88.14 4.83 0.00	80.72 4.06 0.00	70.48 2.91 0.00	63.30 3.36 0.00	58.55 3.26 0.00	56.08 3.17 -0.01
ASTORIA_GT3_4 24101	55.36 2.38 0.00	52.78 2.18 0.00	51.60 2.41 -0.01	52.28 2.39 -0.01	53.17 2.58 -0.01	56.58 3.05 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.47 3.53 0.00	64.64 3.50 -5.64	59.91 3.61 -8.81	59.05 3.51 -8.69	56.97 3.50 -7.38	55.01 3.44 -4.41	58.42 3.54 -4.97	64.70 4.18 -0.02	82.88 4.62 0.00	100.95 5.62 0.00	88.14 4.83 0.00	80.72 4.06 0.00	70.48 2.91 0.00	63.30 3.36 0.00	58.55 3.26 0.00	56.08 3.17 -0.01
ASTORIA_GT4_1 24102	55.36 2.38 0.00	52.78 2.18 0.00	51.60 2.41 -0.01	52.28 2.39 -0.01	53.17 2.58 -0.01	56.58 3.05 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.47 3.53 0.00	64.64 3.50 -5.64	59.91 3.61 -8.81	59.05 3.51 -8.69	56.97 3.50 -7.38	55.01 3.44 -4.41	58.42 3.54 -4.97	64.70 4.18 -0.02	82.88 4.62 0.00	100.95 5.62 0.00	88.14 4.83 0.00	80.72 4.06 0.00	70.48 2.91 0.00	63.30 3.36 0.00	58.55 3.26 0.00	56.08 3.17 -0.01
ASTORIA_GT4_2 24103	55.36 2.38 0.00	52.78 2.18 0.00	51.60 2.41 -0.01	52.28 2.39 -0.01	53.17 2.58 -0.01	56.58 3.05 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.47 3.53 0.00	64.64 3.50 -5.64	59.91 3.61 -8.81	59.05 3.51 -8.69	56.97 3.50 -7.38	55.01 3.44 -4.41	58.42 3.54 -4.97	64.70 4.18 -0.02	82.88 4.62 0.00	100.95 5.62 0.00	88.14 4.83 0.00	80.72 4.06 0.00	70.48 2.91 0.00	63.30 3.36 0.00	58.55 3.26 0.00	56.08 3.17 -0.01
ASTORIA_GT4_3 24104	55.36 2.38 0.00	52.78 2.18 0.00	51.60 2.41 -0.01	52.28 2.39 -0.01	53.17 2.58 -0.01	56.58 3.05 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.47 3.53 0.00	64.64 3.50 -5.64	59.91 3.61 -8.81	59.05 3.51 -8.69	56.97 3.50 -7.38	55.01 3.44 -4.41	58.42 3.54 -4.97	64.70 4.18 -0.02	82.88 4.62 0.00	100.95 5.62 0.00	88.14 4.83 0.00	80.72 4.06 0.00	70.48 2.91 0.00	63.30 3.36 0.00	58.55 3.26 0.00	56.08 3.17 -0.01

ASTORIA_GT4_4 24105	55.36 2.38 0.00	52.78 2.18 0.00	51.60 2.41 -0.01	52.28 2.39 -0.01	53.17 2.58 -0.01	56.58 3.05 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.47 3.53 0.00	64.64 3.50 -5.64	59.91 3.61 -8.81	59.05 3.51 -8.69	56.97 3.50 -7.38	55.01 3.44 -4.41	58.42 3.54 -4.97	64.70 4.18 -0.02	82.88 4.62 0.00	100.95 5.62 0.00	88.14 4.83 0.00	80.72 4.06 0.00	70.48 2.91 0.00	63.30 3.36 0.00	58.55 3.26 0.00	56.08 3.17 -0.01
ASTORIA_GT_1 23523	55.46 2.49 0.00	52.88 2.28 0.00	51.65 2.46 -0.01	52.33 2.44 -0.01	53.27 2.68 -0.01	56.69 3.16 -0.01	78.63 3.96 0.00	92.70 4.67 0.00	65.59 3.65 0.00	64.75 3.61 -5.64	60.00 3.70 -8.81	59.14 3.61 -8.69	57.06 3.59 -7.38	55.11 3.54 -4.41	58.52 3.64 -4.97	64.82 4.30 -0.02	83.04 4.77 0.00	101.24 5.91 0.00	88.30 5.00 0.00	80.88 4.22 0.00	70.62 3.04 0.00	63.42 3.48 0.00	58.67 3.37 0.00	56.18 3.28 -0.01
ASTORIA_GT_10 24110	55.20 2.22 0.00	52.63 2.02 0.00	51.55 2.36 -0.01	52.28 2.39 -0.01	53.22 2.63 -0.01	56.58 3.05 -0.01	78.55 3.88 0.00	92.70 4.67 0.00	65.84 3.90 0.00	64.92 3.77 -5.64	60.07 3.66 -8.93	59.21 3.56 -8.81	57.08 3.50 -7.49	55.13 3.49 -4.48	58.48 3.54 -5.04	64.88 4.36 -0.02	83.35 5.09 0.00	101.43 6.10 0.00	88.55 5.25 0.00	81.11 4.45 0.00	70.82 3.24 0.00	63.54 3.60 0.00	58.72 3.43 0.00	56.18 3.28 -0.01
ASTORIA_GT_11 24225	55.20 2.22 0.00	52.63 2.02 0.00	51.55 2.36 -0.01	52.28 2.39 -0.01	53.22 2.63 -0.01	56.58 3.05 -0.01	78.55 3.88 0.00	92.70 4.67 0.00	65.84 3.90 0.00	64.92 3.77 -5.64	60.07 3.66 -8.93	59.21 3.56 -8.81	57.08 3.50 -7.49	55.13 3.49 -4.48	58.48 3.54 -5.04	64.88 4.36 -0.02	83.35 5.09 0.00	101.43 6.10 0.00	88.55 5.25 0.00	81.11 4.45 0.00	70.82 3.24 0.00	63.54 3.60 0.00	58.72 3.43 0.00	56.18 3.28 -0.01
ASTORIA_GT_12 24226	55.20 2.22 0.00	52.63 2.02 0.00	51.55 2.36 -0.01	52.28 2.39 -0.01	53.22 2.63 -0.01	56.58 3.05 -0.01	78.55 3.88 0.00	92.70 4.67 0.00	65.84 3.90 0.00	64.92 3.77 -5.64	60.07 3.66 -8.93	59.21 3.56 -8.81	57.08 3.50 -7.49	55.13 3.49 -4.48	58.48 3.54 -5.04	64.88 4.36 -0.02	83.35 5.09 0.00	101.43 6.10 0.00	88.55 5.25 0.00	81.11 4.45 0.00	70.82 3.24 0.00	63.54 3.60 0.00	58.72 3.43 0.00	56.18 3.28 -0.01
ASTORIA_GT_13 24227	55.20 2.22 0.00	52.63 2.02 0.00	51.55 2.36 -0.01	52.28 2.39 -0.01	53.22 2.63 -0.01	56.58 3.05 -0.01	78.55 3.88 0.00	92.70 4.67 0.00	65.84 3.90 0.00	64.92 3.77 -5.64	60.07 3.66 -8.93	59.21 3.56 -8.81	57.08 3.50 -7.49	55.13 3.49 -4.48	58.48 3.54 -5.04	64.88 4.36 -0.02	83.35 5.09 0.00	101.43 6.10 0.00	88.55 5.25 0.00	81.11 4.45 0.00	70.82 3.24 0.00	63.54 3.60 0.00	58.72 3.43 0.00	56.18 3.28 -0.01
ASTORIA_GT_5 24106	55.46 2.49 0.00	52.88 2.28 0.00	51.65 2.46 -0.01	52.33 2.44 -0.01	53.27 2.68 -0.01	56.69 3.16 -0.01	78.63 3.96 0.00	92.70 4.67 0.00	65.59 3.65 0.00	64.75 3.61 -5.64	60.00 3.70 -8.81	59.14 3.61 -8.69	57.06 3.59 -7.38	55.11 3.54 -4.41	58.52 3.64 -4.97	64.82 4.30 -0.02	83.04 4.77 0.00	101.24 5.91 0.00	88.30 5.00 0.00	80.88 4.22 0.00	70.62 3.04 0.00	63.42 3.48 0.00	58.67 3.37 0.00	56.18 3.28 -0.01
ASTORIA_GT_7 24107	55.46 2.49 0.00	52.88 2.28 0.00	51.65 2.46 -0.01	52.33 2.44 -0.01	53.27 2.68 -0.01	56.69 3.16 -0.01	78.63 3.96 0.00	92.70 4.67 0.00	65.59 3.65 0.00	64.75 3.61 -5.64	60.00 3.70 -8.81	59.14 3.61 -8.69	57.06 3.59 -7.38	55.11 3.54 -4.41	58.52 3.64 -4.97	64.82 4.30 -0.02	83.04 4.77 0.00	101.24 5.91 0.00	88.30 5.00 0.00	80.88 4.22 0.00	70.62 3.04 0.00	63.42 3.48 0.00	58.67 3.37 0.00	56.18 3.28 -0.01
ASTORIA_GT_8 24108	55.46 2.49 0.00	52.88 2.28 0.00	51.65 2.46 -0.01	52.33 2.44 -0.01	53.27 2.68 -0.01	56.69 3.16 -0.01	78.63 3.96 0.00	92.70 4.67 0.00	65.59 3.65 0.00	64.75 3.61 -5.64	60.00 3.70 -8.81	59.14 3.61 -8.69	57.06 3.59 -7.38	55.11 3.54 -4.41	58.52 3.64 -4.97	64.82 4.30 -0.02	83.04 4.77 0.00	101.24 5.91 0.00	88.30 5.00 0.00	80.88 4.22 0.00	70.62 3.04 0.00	63.42 3.48 0.00	58.67 3.37 0.00	56.18 3.28 -0.01
ASTORIA___2 24149	55.36 2.39 0.00	52.78 2.17 0.00	51.60 2.41 -0.01	52.28 2.39 -0.01	53.07 2.48 -0.01	56.58 3.05 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.48 3.53 -0.01	64.63 3.50 -5.63	59.86 3.56 -8.81	59.05 3.52 -8.69	56.92 3.46 -7.38	55.01 3.44 -4.41	58.42 3.54 -4.97	64.63 4.12 -0.01	82.95 4.70 0.01	101.04 5.72 0.01	88.13 4.83 0.00	80.71 4.06 0.01	70.41 2.84 0.01	63.30 3.35 0.00	58.61 3.32 0.00	55.76 2.85 -0.01
ASTORIA___3 23516	55.20 2.22 0.00	52.63 2.03 0.00	51.55 2.36 -0.01	52.28 2.39 -0.01	53.12 2.53 -0.01	56.58 3.05 -0.01	78.55 3.88 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	64.97 3.83 -5.64	60.02 3.61 -8.93	59.21 3.56 -8.81	57.04 3.46 -7.49	55.13 3.49 -4.48	58.48 3.54 -5.04	64.82 4.30 -0.02	83.35 5.08 0.00	101.52 6.19 0.00	88.56 5.25 0.00	81.11 4.44 0.00	70.75 3.18 0.00	63.60 3.66 0.00	58.78 3.49 0.00	55.86 2.96 -0.01
ASTORIA___4 23517	55.20 2.22 0.00	52.63 2.02 0.00	51.55 2.36 -0.01	52.28 2.39 -0.01	53.22 2.63 -0.01	56.58 3.05 -0.01	78.55 3.88 0.00	92.70 4.67 0.00	65.84 3.90 0.00	64.92 3.77 -5.64	60.07 3.66 -8.93	59.21 3.56 -8.81	57.08 3.50 -7.49	55.13 3.49 -4.48	58.48 3.54 -5.04	64.88 4.36 -0.02	83.35 5.09 0.00	101.43 6.10 0.00	88.55 5.25 0.00	81.11 4.45 0.00	70.82 3.24 0.00	63.54 3.60 0.00	58.72 3.43 0.00	56.18 3.28 -0.01
ASTORIA___5 23518	55.20 2.22 0.00	52.63 2.03 0.00	51.55 2.36 -0.01	52.28 2.39 -0.01	53.12 2.53 -0.01	56.58 3.05 -0.01	78.55 3.88 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	64.97 3.83 -5.64	60.02 3.61 -8.93	59.21 3.56 -8.81	57.04 3.46 -7.49	55.13 3.49 -4.48	58.48 3.54 -5.04	64.82 4.30 -0.02	83.35 5.08 0.00	101.52 6.19 0.00	88.56 5.25 0.00	81.11 4.44 0.00	70.75 3.18 0.00	63.54 3.60 0.00	58.78 3.49 0.00	55.86 2.96 -0.01
AST_ENERGY_2_CC3 323677	54.72 1.75 0.00	52.18 1.57 0.00	51.01 1.82 -0.01	51.68 1.79 -0.01	52.47 1.87 -0.01	55.99 2.46 -0.01	77.58 2.91 0.00	91.46 3.43 0.00	64.80 2.85 -0.01	64.02 2.88 -5.63	59.34 3.04 -8.81	58.54 3.00 -8.69	56.37 2.91 -7.38	54.49 2.92 -4.41	57.82 2.94 -4.97	63.97 3.45 -0.01	82.01 3.76 0.01	99.99 4.67 0.01	87.22 3.92 0.00	79.87 3.22 0.01	69.67 2.10 0.01	62.64 2.70 0.00	58.00 2.71 0.00	55.18 2.27 -0.01
AST_ENERGY_2_CC4 323678	54.72 1.75 0.00	52.18 1.57 0.00	51.01 1.82 -0.01	51.68 1.79 -0.01	52.47 1.87 -0.01	55.99 2.46 -0.01	77.58 2.91 0.00	91.46 3.43 0.00	64.80 2.85 -0.01	64.02 2.88 -5.63	59.34 3.04 -8.81	58.54 3.00 -8.69	56.37 2.91 -7.38	54.49 2.92 -4.41	57.82 2.94 -4.97	63.97 3.45 -0.01	82.01 3.76 0.01	99.99 4.67 0.01	87.22 3.92 0.00	79.87 3.22 0.01	69.67 2.10 0.01	62.64 2.70 0.00	58.00 2.71 0.00	55.18 2.27 -0.01

ATHENS_STG_1 23668	54.03 1.06 0.00	51.57 0.96 0.00	50.16 0.98 0.00	50.82 0.95 0.00	51.60 1.01 0.00	54.80 1.28 0.00	76.61 1.94 0.00	90.31 2.28 0.00	63.74 1.80 0.00	57.22 1.72 0.00	49.00 1.52 0.00	48.39 1.54 0.00	47.56 1.47 0.00	48.67 1.51 0.00	51.50 1.60 0.00	62.39 1.88 0.00	80.69 2.43 0.00	98.10 2.77 0.00	85.72 2.42 0.00	78.89 2.22 0.00	69.27 1.69 0.00	61.68 1.74 0.00	56.84 1.55 0.00	54.16 1.27 0.00
ATHENS_STG_2 23670	54.03 1.06 0.00	51.57 0.96 0.00	50.16 0.98 0.00	50.82 0.95 0.00	51.60 1.01 0.00	54.80 1.28 0.00	76.61 1.94 0.00	90.31 2.28 0.00	63.74 1.80 0.00	57.22 1.72 0.00	49.00 1.52 0.00	48.39 1.54 0.00	47.56 1.47 0.00	48.67 1.51 0.00	51.50 1.60 0.00	62.39 1.88 0.00	80.69 2.43 0.00	98.10 2.77 0.00	85.72 2.42 0.00	78.89 2.22 0.00	69.27 1.69 0.00	61.68 1.74 0.00	56.84 1.55 0.00	54.16 1.27 0.00
ATHENS_STG_3 23677	54.03 1.06 0.00	51.57 0.96 0.00	50.16 0.98 0.00	50.82 0.95 0.00	51.60 1.01 0.00	54.80 1.28 0.00	76.61 1.94 0.00	90.31 2.28 0.00	63.74 1.80 0.00	57.22 1.72 0.00	49.00 1.52 0.00	48.39 1.54 0.00	47.56 1.47 0.00	48.67 1.51 0.00	51.50 1.60 0.00	62.39 1.88 0.00	80.69 2.43 0.00	98.10 2.77 0.00	85.72 2.42 0.00	78.89 2.22 0.00	69.27 1.69 0.00	61.68 1.74 0.00	56.84 1.55 0.00	54.16 1.27 0.00
AUBURN____LFGE 323710	53.13 0.16 0.00	50.81 0.20 0.00	49.33 0.15 0.00	50.12 0.25 0.00	50.64 0.05 0.00	53.47 -0.05 0.00	74.75 0.07 0.00	88.12 0.09 0.00	61.69 -0.25 0.00	55.17 -0.33 0.00	47.15 -0.33 0.00	46.47 -0.37 0.00	45.72 -0.37 0.00	46.78 -0.38 0.00	49.45 -0.45 0.00	60.03 -0.48 0.00	77.79 -0.47 0.00	94.95 -0.38 0.00	82.97 -0.33 0.00	76.43 -0.23 0.00	67.51 -0.07 0.00	59.59 -0.36 0.00	54.91 -0.39 0.00	52.42 -0.48 0.00
BABYLON_RES_REC 323704	56.90 3.92 0.00	53.80 3.19 0.00	52.28 3.10 0.00	52.87 2.99 0.00	53.92 3.34 0.00	57.43 3.90 0.00	78.40 3.73 0.00	92.43 4.40 0.00	66.40 4.46 0.00	61.11 5.60 -0.01	55.75 4.70 -3.57	56.14 4.59 -4.70	56.06 4.43 -5.55	55.63 4.53 -3.94	57.60 4.69 -3.01	66.48 5.93 -0.03	85.95 7.67 -0.02	104.90 9.24 -0.32	91.49 8.17 -0.02	83.84 6.90 -0.27	73.18 5.61 0.00	65.29 5.33 -0.01	59.61 4.32 0.00	56.18 3.28 0.00
BALL_HILL_WT_PWR 323825	53.50 0.53 0.00	51.37 0.76 0.00	49.96 0.78 0.00	50.92 1.05 0.00	51.09 0.51 0.00	52.34 -1.18 0.00	73.33 -1.34 0.00	85.04 -2.99 0.00	59.03 -2.91 0.00	54.23 -1.27 0.00	46.87 -0.62 0.00	46.00 -0.84 0.00	45.35 -0.74 0.00	46.16 -0.99 0.00	47.76 -2.14 0.00	57.49 -3.02 0.00	74.17 -4.07 0.02	91.03 -4.29 0.01	79.46 -3.83 0.01	72.65 -3.99 0.02	65.15 -2.43 0.00	56.65 -3.30 0.00	52.69 -2.60 0.00	52.42 -0.48 0.00
BARON_WINDS____WT_PWR 323822	53.66 0.69 0.00	51.57 0.96 0.00	50.11 0.93 0.00	51.07 1.20 0.00	51.24 0.66 0.00	52.99 -0.54 0.00	73.70 -0.97 0.00	85.57 -2.46 0.00	59.34 -2.60 0.00	54.00 -1.50 0.00	46.53 -0.95 0.00	45.68 -1.17 0.00	45.07 -1.01 0.00	45.93 -1.23 0.00	47.81 -2.09 0.00	57.67 -2.84 0.00	74.56 -3.68 0.03	91.31 -4.00 0.02	79.71 -3.58 0.02	73.18 -3.45 0.03	65.28 -2.30 0.00	56.89 -3.05 0.00	52.92 -2.38 0.00	52.26 -0.63 0.00
BARRETT_IC_1 23704	56.26 3.29 0.00	53.34 2.73 0.00	51.88 2.70 0.00	52.47 2.59 0.00	53.47 2.88 0.00	56.89 3.37 0.00	77.73 3.06 0.00	91.64 3.61 0.00	65.72 3.78 0.00	60.39 4.89 -0.01	55.09 4.08 -3.52	55.55 3.98 -4.72	55.57 3.87 -5.61	55.17 3.91 -4.10	56.73 3.94 -2.89	65.66 5.14 -0.02	84.70 6.42 -0.02	103.06 7.72 -0.02	90.06 6.74 -0.02	82.35 5.67 -0.02	72.10 4.53 0.00	64.51 4.55 -0.01	59.00 3.71 0.00	55.59 2.70 0.00
BARRETT_IC_10 23701	56.26 3.29 0.00	53.34 2.73 0.00	51.88 2.70 0.00	52.47 2.59 0.00	53.47 2.88 0.00	56.89 3.37 0.00	77.73 3.06 0.00	91.64 3.61 0.00	65.72 3.78 0.00	60.39 4.89 -0.01	55.09 4.08 -3.52	55.55 3.98 -4.72	55.57 3.87 -5.61	55.17 3.91 -4.10	56.73 3.94 -2.89	65.66 5.14 -0.02	84.70 6.42 -0.02	103.06 7.72 -0.02	90.06 6.74 -0.02	82.35 5.67 -0.02	72.10 4.53 0.00	64.51 4.55 -0.01	59.00 3.71 0.00	55.59 2.70 0.00
BARRETT_IC_11 23702	56.26 3.29 0.00	53.34 2.73 0.00	51.88 2.70 0.00	52.47 2.59 0.00	53.47 2.88 0.00	56.89 3.37 0.00	77.73 3.06 0.00	91.64 3.61 0.00	65.72 3.78 0.00	60.39 4.89 -0.01	55.09 4.08 -3.52	55.55 3.98 -4.72	55.57 3.87 -5.61	55.17 3.91 -4.10	56.73 3.94 -2.89	65.66 5.14 -0.02	84.70 6.42 -0.02	103.06 7.72 -0.02	90.06 6.74 -0.02	82.35 5.67 -0.02	72.10 4.53 0.00	64.51 4.55 -0.01	59.00 3.71 0.00	55.59 2.70 0.00
BARRETT_IC_12 23703	56.26 3.29 0.00	53.34 2.73 0.00	51.88 2.70 0.00	52.47 2.59 0.00	53.47 2.88 0.00	56.89 3.37 0.00	77.73 3.06 0.00	91.64 3.61 0.00	65.72 3.78 0.00	60.39 4.89 -0.01	55.09 4.08 -3.52	55.55 3.98 -4.72	55.57 3.87 -5.61	55.17 3.91 -4.10	56.73 3.94 -2.89	65.66 5.14 -0.02	84.70 6.42 -0.02	103.06 7.72 -0.02	90.06 6.74 -0.02	82.35 5.67 -0.02	72.10 4.53 0.00	64.51 4.55 -0.01	59.00 3.71 0.00	55.59 2.70 0.00
BARRETT_IC_2 23705	56.26 3.29 0.00	53.34 2.73 0.00	51.88 2.70 0.00	52.47 2.59 0.00	53.47 2.88 0.00	56.89 3.37 0.00	77.73 3.06 0.00	91.64 3.61 0.00	65.72 3.78 0.00	60.39 4.89 -0.01	55.09 4.08 -3.52	55.55 3.98 -4.72	55.57 3.87 -5.61	55.17 3.91 -4.10	56.73 3.94 -2.89	65.66 5.14 -0.02	84.70 6.42 -0.02	103.06 7.72 -0.02	90.06 6.74 -0.02	82.35 5.67 -0.02	72.10 4.53 0.00	64.51 4.55 -0.01	59.00 3.71 0.00	55.59 2.70 0.00
BARRETT_IC_3 23706	56.26 3.29 0.00	53.34 2.73 0.00	51.88 2.70 0.00	52.47 2.59 0.00	53.47 2.88 0.00	56.89 3.37 0.00	77.73 3.06 0.00	91.64 3.61 0.00	65.72 3.78 0.00	60.39 4.89 -0.01	55.09 4.08 -3.52	55.55 3.98 -4.72	55.57 3.87 -5.61	55.17 3.91 -4.10	56.73 3.94 -2.89	65.66 5.14 -0.02	84.70 6.42 -0.02	103.06 7.72 -0.02	90.06 6.74 -0.02	82.35 5.67 -0.02	72.10 4.53 0.00	64.51 4.55 -0.01	59.00 3.71 0.00	55.59 2.70 0.00
BARRETT_IC_4 23707	56.26 3.29 0.00	53.34 2.73 0.00	51.88 2.70 0.00	52.47 2.59 0.00	53.47 2.88 0.00	56.89 3.37 0.00	77.73 3.06 0.00	91.64 3.61 0.00	65.72 3.78 0.00	60.39 4.89 -0.01	55.09 4.08 -3.52	55.55 3.98 -4.72	55.57 3.87 -5.61	55.17 3.91 -4.10	56.73 3.94 -2.89	65.66 5.14 -0.02	84.70 6.42 -0.02	103.06 7.72 -0.02	90.06 6.74 -0.02	82.35 5.67 -0.02	72.10 4.53 0.00	64.51 4.55 -0.01	59.00 3.71 0.00	55.59 2.70 0.00
BARRETT_IC_5 23708	56.26 3.29 0.00	53.34 2.73 0.00	51.88 2.70 0.00	52.47 2.59 0.00	53.47 2.88 0.00	56.89 3.37 0.00	77.73 3.06 0.00	91.64 3.61 0.00	65.72 3.78 0.00	60.39 4.89 -0.01	55.09 4.08 -3.52	55.55 3.98 -4.72	55.57 3.87 -5.61	55.17 3.91 -4.10	56.73 3.94 -2.89	65.66 5.14 -0.02	84.70 6.42 -0.02	103.06 7.72 -0.02	90.06 6.74 -0.02	82.35 5.67 -0.02	72.10 4.53 0.00	64.51 4.55 -0.01	59.00 3.71 0.00	55.59 2.70 0.00

BARRETT_IC_6 23709	56.26 3.29 0.00	53.34 2.73 0.00	51.88 2.70 0.00	52.47 2.59 0.00	53.47 2.88 0.00	56.89 3.37 0.00	77.73 3.06 0.00	91.64 3.61 0.00	65.72 3.78 0.00	60.39 4.89 -0.01	55.09 4.08 -3.52	55.55 3.98 -4.72	55.57 3.87 -5.61	55.17 3.91 -4.10	56.73 3.94 -2.89	65.66 5.14 -0.02	84.70 6.42 -0.02	103.06 7.72 -0.02	90.06 6.74 -0.02	82.35 5.67 -0.02	72.10 4.53 0.00	64.51 4.55 -0.01	59.00 3.71 0.00	55.59 2.70 0.00
BARRETT_IC_7 23710	56.26 3.28 0.00	53.34 2.73 0.00	51.88 2.70 0.00	52.47 2.59 0.00	53.57 2.98 0.00	56.89 3.37 0.00	77.73 3.06 0.00	91.64 3.61 0.00	65.90 3.96 0.00	60.34 4.83 -0.01	55.09 4.08 -3.52	55.55 3.98 -4.72	55.61 3.92 -5.61	55.17 3.91 -4.10	56.73 3.94 -2.89	65.67 5.14 -0.02	84.69 6.42 -0.02	103.07 7.72 -0.02	90.07 6.75 -0.02	82.35 5.67 -0.02	72.17 4.60 0.00	64.51 4.56 -0.01	58.78 3.48 0.00	56.91 4.02 0.00
BARRETT_IC_8 23711	56.26 3.29 0.00	53.34 2.73 0.00	51.88 2.70 0.00	52.47 2.59 0.00	53.47 2.88 0.00	56.89 3.37 0.00	77.73 3.06 0.00	91.64 3.61 0.00	65.72 3.78 0.00	60.39 4.89 -0.01	55.09 4.08 -3.52	55.55 3.98 -4.72	55.57 3.87 -5.61	55.17 3.91 -4.10	56.73 3.94 -2.89	65.66 5.14 -0.02	84.70 6.42 -0.02	103.06 7.72 -0.02	90.06 6.74 -0.02	82.35 5.67 -0.02	72.10 4.53 0.00	64.51 4.55 -0.01	59.00 3.71 0.00	55.59 2.70 0.00
BARRETT_IC_9 23700	56.26 3.29 0.00	53.34 2.73 0.00	51.88 2.70 0.00	52.47 2.59 0.00	53.47 2.88 0.00	56.89 3.37 0.00	77.73 3.06 0.00	91.64 3.61 0.00	65.72 3.78 0.00	60.39 4.89 -0.01	55.09 4.08 -3.52	55.55 3.98 -4.72	55.57 3.87 -5.61	55.17 3.91 -4.10	56.73 3.94 -2.89	65.66 5.14 -0.02	84.70 6.42 -0.02	103.06 7.72 -0.02	90.06 6.74 -0.02	82.35 5.67 -0.02	72.10 4.53 0.00	64.51 4.55 -0.01	59.00 3.71 0.00	55.59 2.70 0.00
BARRETT___1 23545	56.26 3.29 0.00	53.34 2.73 0.00	51.88 2.70 0.00	52.47 2.59 0.00	53.47 2.88 0.00	56.89 3.37 0.00	77.73 3.06 0.00	91.64 3.61 0.00	65.72 3.78 0.00	60.39 4.89 -0.01	55.09 4.08 -3.52	55.55 3.98 -4.72	55.57 3.87 -5.61	55.17 3.91 -4.10	56.73 3.94 -2.89	65.66 5.14 -0.02	84.70 6.42 -0.02	103.06 7.72 -0.02	90.06 6.74 -0.02	82.35 5.67 -0.02	72.10 4.53 0.00	64.51 4.55 -0.01	59.00 3.71 0.00	55.59 2.70 0.00
BARRETT___2 23546	56.26 3.29 0.00	53.34 2.73 0.00	51.88 2.70 0.00	52.47 2.59 0.00	53.47 2.88 0.00	56.89 3.37 0.00	77.73 3.06 0.00	91.64 3.61 0.00	65.72 3.78 0.00	60.39 4.89 -0.01	55.09 4.08 -3.52	55.55 3.98 -4.72	55.57 3.87 -5.61	55.17 3.91 -4.10	56.73 3.94 -2.89	65.66 5.14 -0.02	84.70 6.42 -0.02	103.06 7.72 -0.02	90.06 6.74 -0.02	82.35 5.67 -0.02	72.10 4.53 0.00	64.51 4.55 -0.01	59.00 3.71 0.00	55.59 2.70 0.00
BATAVIA__115KV_TB1 55881	53.77 0.79 0.00	51.62 1.01 0.00	50.21 1.03 0.00	51.17 1.30 0.00	50.99 0.40 0.00	52.77 -0.75 0.00	72.88 -1.79 0.00	85.21 -2.82 0.00	59.46 -2.48 0.00	53.89 -1.61 0.00	46.11 -1.38 0.00	45.44 -1.41 0.00	44.84 -1.24 0.00	45.74 -1.41 0.00	47.61 -2.30 0.00	57.48 -3.03 0.00	74.26 -3.99 0.01	91.42 -3.91 0.01	79.80 -3.50 0.01	73.05 -3.60 0.01	65.68 -1.89 0.00	57.07 -2.88 0.00	52.97 -2.32 0.00	50.94 -1.96 0.00
BAYONEEC___CTG1 323682	55.15 2.17 0.00	52.53 1.92 0.00	51.20 2.02 0.00	51.92 2.05 0.00	52.71 2.12 0.00	56.20 2.67 0.00	78.55 3.88 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	65.12 4.05 -5.57	60.09 3.80 -8.80	59.23 3.70 -8.68	57.07 3.60 -7.38	55.21 3.63 -4.42	58.56 3.69 -4.97	64.76 4.23 -0.02	83.43 5.16 0.00	101.52 6.19 0.00	88.64 5.34 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.49 2.59 0.00
BAYONEEC___CTG10 323750	55.15 2.17 0.00	52.53 1.92 0.00	51.20 2.02 0.00	51.92 2.05 0.00	52.71 2.12 0.00	56.20 2.67 0.00	78.55 3.88 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	65.12 4.05 -5.57	60.09 3.80 -8.80	59.23 3.70 -8.68	57.07 3.60 -7.38	55.21 3.63 -4.42	58.56 3.69 -4.97	64.76 4.23 -0.02	83.43 5.16 0.00	101.52 6.19 0.00	88.64 5.34 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.49 2.59 0.00
BAYONEEC___CTG2 323683	55.15 2.17 0.00	52.53 1.92 0.00	51.20 2.02 0.00	51.92 2.05 0.00	52.71 2.12 0.00	56.20 2.67 0.00	78.55 3.88 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	65.12 4.05 -5.57	60.09 3.80 -8.80	59.23 3.70 -8.68	57.07 3.60 -7.38	55.21 3.63 -4.42	58.56 3.69 -4.97	64.76 4.23 -0.02	83.43 5.16 0.00	101.52 6.19 0.00	88.64 5.34 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.49 2.59 0.00
BAYONEEC___CTG3 323684	55.15 2.17 0.00	52.53 1.92 0.00	51.20 2.02 0.00	51.92 2.05 0.00	52.71 2.12 0.00	56.20 2.67 0.00	78.55 3.88 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	65.12 4.05 -5.57	60.09 3.80 -8.80	59.23 3.70 -8.68	57.07 3.60 -7.38	55.21 3.63 -4.42	58.56 3.69 -4.97	64.76 4.23 -0.02	83.43 5.16 0.00	101.52 6.19 0.00	88.64 5.34 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.49 2.59 0.00
BAYONEEC___CTG4 323685	55.15 2.17 0.00	52.53 1.92 0.00	51.20 2.02 0.00	51.92 2.05 0.00	52.71 2.12 0.00	56.20 2.67 0.00	78.55 3.88 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	65.12 4.05 -5.57	60.09 3.80 -8.80	59.23 3.70 -8.68	57.07 3.60 -7.38	55.21 3.63 -4.42	58.56 3.69 -4.97	64.76 4.23 -0.02	83.43 5.16 0.00	101.52 6.19 0.00	88.64 5.34 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.49 2.59 0.00
BAYONEEC___CTG5 323686	55.15 2.17 0.00	52.53 1.92 0.00	51.20 2.02 0.00	51.92 2.05 0.00	52.71 2.12 0.00	56.20 2.67 0.00	78.55 3.88 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	65.12 4.05 -5.57	60.09 3.80 -8.80	59.23 3.70 -8.68	57.07 3.60 -7.38	55.21 3.63 -4.42	58.56 3.69 -4.97	64.76 4.23 -0.02	83.43 5.16 0.00	101.52 6.19 0.00	88.64 5.34 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.49 2.59 0.00
BAYONEEC___CTG6 323687	55.15 2.17 0.00	52.53 1.92 0.00	51.20 2.02 0.00	51.92 2.05 0.00	52.71 2.12 0.00	56.20 2.67 0.00	78.55 3.88 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	65.12 4.05 -5.57	60.09 3.80 -8.80	59.23 3.70 -8.68	57.07 3.60 -7.38	55.21 3.63 -4.42	58.56 3.69 -4.97	64.76 4.23 -0.02	83.43 5.16 0.00	101.52 6.19 0.00	88.64 5.34 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.49 2.59 0.00
BAYONEEC___CTG7 323688	55.15 2.17 0.00	52.53 1.92 0.00	51.20 2.02 0.00	51.92 2.05 0.00	52.71 2.12 0.00	56.20 2.67 0.00	78.55 3.88 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	65.12 4.05 -5.57	60.09 3.80 -8.80	59.23 3.70 -8.68	57.07 3.60 -7.38	55.21 3.63 -4.42	58.56 3.69 -4.97	64.76 4.23 -0.02	83.43 5.16 0.00	101.52 6.19 0.00	88.64 5.34 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.49 2.59 0.00

BAYONEEC___CTG8 323689	55.15 2.17 0.00	52.53 1.92 0.00	51.20 2.02 0.00	51.92 2.05 0.00	52.71 2.12 0.00	56.20 2.67 0.00	78.55 3.88 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	65.12 4.05 -5.57	60.09 3.80 -8.80	59.23 3.70 -8.68	57.07 3.60 -7.38	55.21 3.63 -4.42	58.56 3.69 -4.97	64.76 4.23 -0.02	83.43 5.16 0.00	101.52 6.19 0.00	88.64 5.34 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.49 2.59 0.00
BAYONEEC___CTG9 323749	55.15 2.17 0.00	52.53 1.92 0.00	51.20 2.02 0.00	51.92 2.05 0.00	52.71 2.12 0.00	56.20 2.67 0.00	78.55 3.88 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	65.12 4.05 -5.57	60.09 3.80 -8.80	59.23 3.70 -8.68	57.07 3.60 -7.38	55.21 3.63 -4.42	58.56 3.69 -4.97	64.76 4.23 -0.02	83.43 5.16 0.00	101.52 6.19 0.00	88.64 5.34 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.49 2.59 0.00
BEACON___LESR 323632	53.82 0.84 0.00	51.47 0.86 0.00	49.96 0.78 0.00	50.62 0.75 0.00	51.44 0.86 0.00	54.59 1.07 0.00	76.16 1.49 0.00	89.96 1.93 0.00	63.11 1.17 0.00	56.28 0.78 0.00	48.10 0.62 0.00	47.59 0.75 0.00	46.87 0.78 0.00	47.87 0.71 0.00	50.80 0.90 0.00	61.78 1.27 0.00	80.14 1.88 0.00	97.52 2.19 0.00	85.22 1.92 0.00	78.58 1.92 0.00	69.13 1.56 0.00	61.32 1.38 0.00	56.46 1.16 0.00	53.85 0.95 0.00
BEAVER RIVER___HYD 24048	53.77 0.80 0.00	51.26 0.66 0.00	49.87 0.69 0.00	50.48 0.60 0.00	51.29 0.71 0.00	54.33 0.80 0.00	75.86 1.19 0.00	89.70 1.67 0.00	62.38 0.44 0.00	55.11 -0.39 0.00	47.06 -0.43 0.00	46.33 -0.51 0.00	45.44 -0.65 0.00	46.83 -0.33 0.00	49.65 -0.25 0.00	60.21 -0.30 0.00	77.95 -0.31 0.00	95.62 0.29 0.00	83.55 0.25 0.00	77.51 0.84 0.00	68.72 1.15 0.00	60.96 1.02 0.00	56.12 0.83 0.00	53.74 0.84 0.00
BEEBEE_GT_13 23619	53.13 0.16 0.00	50.91 0.30 0.00	49.47 0.30 0.00	50.37 0.50 0.00	50.48 -0.10 0.00	52.72 -0.80 0.00	73.03 -1.64 0.00	85.65 -2.38 0.00	60.08 -1.86 0.00	54.22 -1.28 0.00	46.39 -1.09 0.00	45.77 -1.08 0.00	45.12 -0.97 0.00	46.12 -1.04 0.00	48.26 -1.65 0.00	58.33 -2.18 0.00	75.36 -2.90 0.01	92.47 -2.86 0.00	80.55 -2.75 0.00	73.82 -2.84 0.01	66.02 -1.55 0.00	57.79 -2.16 0.00	53.47 -1.82 0.00	51.25 -1.64 0.00
BENSHRST_27_KV_BENSHRST_1 355998	55.90 2.91 -0.01	53.25 2.63 -0.01	52.09 2.90 -0.01	52.83 2.94 -0.01	53.73 3.14 -0.01	57.01 3.48 -0.01	79.00 4.33 0.00	93.14 5.11 0.00	66.09 4.15 0.00	64.75 3.61 -5.64	59.81 3.51 -8.81	58.96 3.42 -8.69	56.84 3.36 -7.39	54.93 3.35 -4.43	58.32 3.44 -4.97	65.18 4.66 -0.02	83.74 5.48 0.00	102.10 6.77 0.00	89.14 5.83 0.00	81.57 4.91 0.00	71.16 3.58 0.00	63.96 4.02 0.00	59.16 3.87 0.00	56.71 3.81 -0.01
BETHLEHEM___GRP 23843	52.92 -0.05 0.00	50.56 -0.05 0.00	49.18 0.00 0.00	49.77 -0.10 0.00	50.64 0.05 0.00	53.57 0.05 0.00	74.67 0.00 0.00	88.12 0.09 0.00	62.06 0.12 0.00	55.39 -0.11 0.00	47.48 0.00 0.00	46.99 0.14 0.00	46.27 0.18 0.00	47.25 0.09 0.00	50.10 0.20 0.00	60.75 0.24 0.00	78.65 0.39 0.00	95.71 0.38 0.00	83.64 0.33 0.00	77.04 0.38 0.00	67.78 0.20 0.00	60.24 0.30 0.00	55.46 0.17 0.00	53.16 0.26 0.00
BETHLEHEM___GS1 323560	52.92 -0.05 0.00	50.56 -0.05 0.00	49.13 -0.05 0.00	49.77 -0.10 0.00	50.58 0.00 0.00	53.57 0.05 0.00	74.67 0.00 0.00	88.12 0.09 0.00	62.06 0.12 0.00	55.39 -0.11 0.00	47.44 -0.05 0.00	46.94 0.09 0.00	46.27 0.19 0.00	47.25 0.09 0.00	50.10 0.20 0.00	60.75 0.24 0.00	78.65 0.39 0.00	95.71 0.38 0.00	83.64 0.33 0.00	77.05 0.39 0.00	67.78 0.20 0.00	60.25 0.30 0.00	55.46 0.17 0.00	52.89 0.00 0.00
BETHLEHEM___GS2 323561	52.92 -0.05 0.00	50.56 -0.05 0.00	49.13 -0.05 0.00	49.77 -0.10 0.00	50.58 0.00 0.00	53.57 0.05 0.00	74.67 0.00 0.00	88.12 0.09 0.00	62.06 0.12 0.00	55.39 -0.11 0.00	47.44 -0.05 0.00	46.94 0.09 0.00	46.27 0.19 0.00	47.25 0.09 0.00	50.10 0.20 0.00	60.75 0.24 0.00	78.65 0.39 0.00	95.71 0.38 0.00	83.64 0.33 0.00	77.05 0.39 0.00	67.78 0.20 0.00	60.25 0.30 0.00	55.46 0.17 0.00	52.89 0.00 0.00
BETHLEHEM___GS3 323562	52.92 -0.05 0.00	50.56 -0.05 0.00	49.13 -0.05 0.00	49.77 -0.10 0.00	50.58 0.00 0.00	53.57 0.05 0.00	74.67 0.00 0.00	88.12 0.09 0.00	62.06 0.12 0.00	55.39 -0.11 0.00	47.44 -0.05 0.00	46.94 0.09 0.00	46.27 0.19 0.00	47.25 0.09 0.00	50.10 0.20 0.00	60.75 0.24 0.00	78.65 0.39 0.00	95.71 0.38 0.00	83.64 0.33 0.00	77.05 0.39 0.00	67.78 0.20 0.00	60.25 0.30 0.00	55.46 0.17 0.00	52.89 0.00 0.00
BETHLEHEM___STEEL 23779	53.40 0.42 0.00	51.26 0.66 0.00	49.87 0.69 0.00	50.82 0.95 0.00	50.58 0.00 0.00	52.18 -1.34 0.00	71.91 -2.76 0.00	83.63 -4.40 0.00	58.22 -3.72 0.00	53.45 -2.05 0.00	45.96 -1.52 0.00	45.30 -1.55 0.00	44.75 -1.34 0.00	45.60 -1.56 0.00	47.21 -2.69 0.00	56.76 -3.75 0.00	73.24 -5.01 0.02	89.51 -5.82 0.01	78.21 -5.08 0.01	71.82 -4.83 0.02	64.27 -3.31 0.00	55.87 -4.08 0.00	52.09 -3.21 0.00	50.30 -2.59 0.00
BETHLHEM_115KV_TB1 79974	53.08 0.11 0.00	50.71 0.10 0.00	49.33 0.15 0.00	49.92 0.05 0.00	50.79 0.20 0.00	53.79 0.27 0.00	74.97 0.30 0.00	88.38 0.35 0.00	62.25 0.31 0.00	55.56 0.06 0.00	47.63 0.14 0.00	47.13 0.28 0.00	46.41 0.32 0.00	47.39 0.24 0.00	50.25 0.35 0.00	60.93 0.42 0.00	78.89 0.63 0.00	96.00 0.67 0.00	83.89 0.58 0.00	77.27 0.61 0.00	67.98 0.41 0.00	60.42 0.48 0.00	55.62 0.33 0.00	53.32 0.42 0.00
BETHPAGE_CC_5 323564	56.63 3.65 0.00	53.59 2.99 0.00	52.08 2.90 0.00	52.67 2.79 0.00	53.67 3.09 0.00	57.11 3.59 0.00	78.11 3.44 0.00	92.08 4.05 0.00	66.09 4.15 0.00	60.78 5.28 -0.01	55.31 4.51 -3.32	55.79 4.50 -4.45	55.74 4.38 -5.27	55.40 4.39 -3.86	57.16 4.54 -2.72	66.21 5.69 -0.01	85.47 7.20 -0.01	104.20 8.76 -0.11	90.90 7.58 -0.01	83.19 6.44 -0.09	72.71 5.13 0.00	64.99 5.04 -0.01	59.44 4.15 0.00	55.96 3.07 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	53.50 0.53 0.00	51.37 0.76 0.00	49.97 0.79 0.00	50.92 1.05 0.00	50.69 0.10 0.00	52.29 -1.23 0.00	72.21 -2.46 0.00	83.98 -4.05 0.00	58.41 -3.53 0.00	53.61 -1.89 0.00	46.11 -1.38 0.00	45.44 -1.41 0.00	44.89 -1.20 0.00	45.74 -1.41 0.00	47.36 -2.55 0.00	56.94 -3.57 0.00	73.55 -4.70 0.02	89.79 -5.53 0.01	78.46 -4.83 0.01	72.12 -4.52 0.02	64.47 -3.11 0.00	56.05 -3.90 0.00	52.25 -3.04 0.00	50.41 -2.49 0.00
BINGHAMTON___COGEN 23790	53.77 0.79 0.00	51.42 0.81 0.00	49.97 0.79 0.00	50.72 0.85 0.00	51.24 0.66 0.00	54.16 0.64 0.00	75.72 1.05 0.00	89.09 1.06 0.00	62.50 0.56 0.00	55.89 0.39 0.00	47.86 0.38 0.00	47.17 0.33 0.00	46.46 0.37 0.00	47.49 0.33 0.00	50.10 0.20 0.00	60.69 0.18 0.00	78.58 0.31 0.00	95.62 0.29 0.00	83.56 0.25 0.00	76.97 0.31 0.00	68.25 0.68 0.00	60.30 0.36 0.00	55.62 0.33 0.00	53.26 0.37 0.00

BIXINCNT_115KV_LOAD 355685	53.93 0.95 0.00	51.77 1.16 0.00	50.36 1.18 0.00	51.32 1.45 0.00	51.09 0.51 0.00	52.88 -0.64 0.00	73.48 -1.19 0.00	85.39 -2.64 0.00	59.15 -2.79 0.00	54.33 -1.17 0.00	46.77 -0.71 0.00	46.00 -0.84 0.00	45.44 -0.65 0.00	46.26 -0.90 0.00	47.86 -2.05 0.00	57.54 -2.96 0.00	74.56 -3.68 0.02	90.74 -4.58 0.01	79.38 -3.92 0.01	73.04 -3.60 0.02	65.14 -2.43 0.00	56.53 -3.42 0.00	52.69 -2.60 0.00	50.83 -2.06 0.00
BLACK RIVER___HYD 24047	53.82 0.84 0.00	51.31 0.71 0.00	49.92 0.74 0.00	50.52 0.65 0.00	51.24 0.66 0.00	54.37 0.85 0.00	76.39 1.72 0.00	90.41 2.38 0.00	62.68 0.75 0.00	55.28 -0.22 0.00	46.87 -0.62 0.00	46.05 -0.80 0.00	45.21 -0.88 0.00	46.45 -0.71 0.00	49.25 -0.65 0.00	60.33 -0.18 0.00	78.34 0.08 0.00	96.48 1.15 0.00	84.56 1.25 0.00	78.27 1.61 0.00	69.20 1.62 0.00	61.32 1.38 0.00	56.23 0.94 0.00	53.69 0.79 0.00
BLACKRVR_115KV_TB2 79977	53.82 0.85 0.00	51.31 0.71 0.00	49.92 0.74 0.00	50.52 0.65 0.00	51.24 0.66 0.00	54.38 0.86 0.00	76.39 1.72 0.00	90.41 2.38 0.00	62.68 0.74 0.00	55.39 -0.11 0.00	46.87 -0.62 0.00	46.05 -0.80 0.00	45.21 -0.88 0.00	46.45 -0.71 0.00	49.25 -0.65 0.00	60.27 -0.24 0.00	78.42 0.16 0.00	96.47 1.14 0.00	84.64 1.33 0.00	78.27 1.61 0.00	69.20 1.62 0.00	61.38 1.44 0.00	56.40 1.11 0.00	53.58 0.69 0.00
BLDWN_LI_69_KV_BK4 356085	56.63 3.66 0.00	53.64 3.04 0.00	52.13 2.95 0.00	52.72 2.84 0.00	53.82 3.24 0.00	57.16 3.64 0.00	78.33 3.66 0.00	92.34 4.31 0.00	66.40 4.46 0.00	60.72 5.22 -0.01	55.18 4.51 -3.18	55.52 4.40 -4.27	55.48 4.33 -5.06	55.20 4.34 -3.70	56.95 4.44 -2.61	66.27 5.75 -0.01	85.55 7.28 -0.01	104.11 8.77 -0.01	91.07 7.75 -0.01	83.27 6.59 -0.01	72.91 5.34 0.00	65.11 5.16 -0.01	59.33 4.04 0.00	57.28 4.39 0.00
BLISS_WT_PWR 323608	53.93 0.95 0.00	51.82 1.21 0.00	50.36 1.18 0.00	51.32 1.45 0.00	51.50 0.91 0.00	52.93 -0.59 0.00	73.55 -1.12 0.00	85.47 -2.56 0.00	59.28 -2.66 0.00	54.44 -1.06 0.00	47.06 -0.43 0.00	46.14 -0.70 0.00	45.49 -0.60 0.00	46.31 -0.85 0.00	47.85 -2.05 0.00	57.73 -2.78 0.00	74.64 -3.60 0.02	91.50 -3.82 0.01	79.71 -3.58 0.01	73.04 -3.60 0.02	65.28 -2.30 0.00	56.77 -3.18 0.00	52.81 -2.49 0.00	52.47 -0.43 0.00
BLUESTONE___WT_PWR 323821	56.26 3.29 0.00	53.64 3.04 0.00	52.18 3.00 0.00	52.92 3.04 0.00	53.57 2.98 0.00	56.79 3.27 0.00	79.82 5.15 0.00	94.28 6.25 0.00	65.59 3.65 0.00	58.44 2.94 0.00	49.67 2.19 0.00	48.81 1.97 0.00	48.02 1.94 0.00	49.14 1.98 0.00	51.95 2.05 0.00	63.65 3.14 0.00	82.81 4.54 -0.01	101.34 6.01 0.00	88.56 5.25 0.00	81.50 4.83 -0.01	71.91 4.33 0.00	63.54 3.60 0.00	58.39 3.09 0.00	55.80 2.91 0.00
BLUE_CIRC_CHEM_DRP 24182	54.09 1.11 0.00	51.72 1.11 0.00	50.21 1.03 0.00	50.92 1.05 0.00	51.70 1.11 0.00	54.75 1.23 0.00	76.39 1.72 0.00	90.05 2.02 0.00	63.12 1.18 0.00	56.22 0.72 0.00	48.01 0.52 0.00	47.41 0.56 0.00	46.64 0.55 0.00	47.72 0.57 0.00	50.65 0.75 0.00	61.72 1.21 0.00	80.06 1.80 0.00	97.52 2.19 0.00	85.30 2.00 0.00	78.58 1.92 0.00	69.20 1.62 0.00	61.44 1.50 0.00	56.62 1.33 0.00	54.27 1.38 0.00
BOC_GAS_DRP 24189	53.50 0.53 0.00	51.11 0.51 0.00	49.67 0.49 0.00	50.37 0.50 0.00	51.14 0.56 0.00	54.16 0.64 0.00	75.57 0.90 0.00	89.17 1.14 0.00	62.81 0.87 0.00	56.17 0.67 0.00	48.10 0.62 0.00	47.55 0.70 0.00	46.78 0.69 0.00	47.82 0.66 0.00	50.65 0.75 0.00	61.48 0.97 0.00	79.51 1.25 0.00	96.66 1.33 0.00	84.55 1.25 0.00	77.81 1.15 0.00	68.52 0.95 0.00	60.84 0.90 0.00	56.07 0.77 0.00	53.69 0.79 0.00
BOONVILLE_115KV_TB1 79983	54.35 1.38 0.00	51.87 1.27 0.00	50.46 1.28 0.00	51.07 1.20 0.00	51.80 1.21 0.00	54.91 1.39 0.00	76.91 2.24 0.00	90.67 2.64 0.00	63.30 1.36 0.00	56.39 0.89 0.00	48.01 0.52 0.00	47.27 0.42 0.00	46.46 0.37 0.00	47.68 0.52 0.00	50.50 0.60 0.00	61.48 0.97 0.00	79.75 1.49 0.00	97.62 2.29 0.00	85.39 2.08 0.00	78.73 2.07 0.00	69.54 1.96 0.00	61.68 1.74 0.00	56.79 1.49 0.00	54.16 1.27 0.00
BORALEX_4TH_BRANCH 23824	54.88 1.91 0.00	52.63 2.02 0.00	51.00 1.82 0.00	51.72 1.85 0.00	52.61 2.02 0.00	55.66 2.14 0.00	77.66 2.99 0.00	91.46 3.43 0.00	64.54 2.60 0.00	57.22 1.72 0.00	48.48 1.00 0.00	48.11 1.26 0.00	47.29 1.20 0.00	48.48 1.32 0.00	51.75 1.85 0.00	62.81 2.30 0.00	81.70 3.44 0.00	99.52 4.19 0.00	87.22 3.92 0.00	80.26 3.60 0.00	70.68 3.11 0.00	62.64 2.70 0.00	57.78 2.49 0.00	55.33 2.43 0.00
BOWLINE___1 23526	54.83 1.85 0.00	52.23 1.62 0.00	50.85 1.67 0.00	51.52 1.64 0.00	52.31 1.72 0.00	55.72 2.20 0.00	78.03 3.36 0.00	91.90 3.87 0.00	65.10 3.16 0.00	58.77 3.27 0.00	50.53 3.04 0.00	49.80 2.95 0.00	48.95 2.86 0.00	50.03 2.88 0.00	52.85 2.94 0.00	63.90 3.39 0.00	82.48 4.22 0.00	100.38 5.05 0.00	87.72 4.41 0.00	80.42 3.76 0.00	70.35 2.77 0.00	62.82 2.88 0.00	57.84 2.54 0.00	55.01 2.12 0.00
BOWLINE___2 23595	54.83 1.85 0.00	52.23 1.62 0.00	50.85 1.67 0.00	51.52 1.64 0.00	52.31 1.72 0.00	55.72 2.20 0.00	78.03 3.36 0.00	91.90 3.87 0.00	65.10 3.16 0.00	58.72 3.22 0.00	50.53 3.04 0.00	49.80 2.95 0.00	48.95 2.86 0.00	50.03 2.88 0.00	52.85 2.94 0.00	63.90 3.39 0.00	82.48 4.22 0.00	100.38 5.05 0.00	87.72 4.41 0.00	80.42 3.76 0.00	70.35 2.77 0.00	62.82 2.88 0.00	57.84 2.54 0.00	54.96 2.06 0.00
BRADY___115KV_TB2 356060	53.98 1.01 0.00	51.67 1.06 0.00	50.21 1.03 0.00	50.77 0.90 0.00	51.95 1.37 0.00	54.48 0.96 0.00	75.27 0.60 0.00	88.91 0.88 0.00	62.37 0.43 0.00	55.83 0.33 0.00	47.25 -0.24 0.00	46.66 -0.19 0.00	45.63 -0.46 0.00	47.35 0.19 0.00	50.35 0.45 0.00	59.96 -0.54 0.00	77.71 -0.55 0.00	95.04 -0.29 0.00	83.14 -0.17 0.00	77.27 0.61 0.00	68.52 0.95 0.00	60.96 1.02 0.00	57.06 1.77 0.00	54.59 1.69 0.00
BRANSCOMB___SOLAR 323811	55.47 2.49 0.00	53.14 2.53 0.00	51.54 2.36 0.00	52.27 2.39 0.00	53.06 2.48 0.00	56.36 2.83 0.00	78.77 4.10 0.00	92.96 4.93 0.00	64.85 2.91 0.00	57.50 2.00 0.00	48.86 1.38 0.00	48.30 1.45 0.00	47.52 1.43 0.00	48.57 1.41 0.00	51.70 1.79 0.00	63.17 2.66 0.00	82.25 3.99 0.00	100.38 5.05 0.00	87.80 4.50 0.00	80.95 4.29 0.00	71.36 3.78 0.00	63.18 3.23 0.00	58.17 2.87 0.00	55.64 2.75 0.00
BRDGHMPT_69_KV_BK1 55812	58.54 5.56 0.00	55.31 4.71 0.00	53.75 4.57 0.00	54.31 4.44 0.00	55.44 4.86 0.00	59.03 5.51 0.00	80.64 5.97 0.00	94.90 6.87 0.00	68.50 6.57 0.00	62.95 7.44 -0.01	62.23 6.79 -7.96	62.17 6.56 -8.77	62.19 6.45 -9.65	57.73 6.46 -4.11	65.50 6.84 -8.76	69.62 8.65 -0.46	89.27 10.96 -0.05	112.80 13.35 -4.12	94.94 11.58 -0.05	90.39 10.27 -3.46	75.75 8.18 0.00	67.78 7.79 -0.05	61.41 6.08 -0.04	59.24 6.35 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	57.43 4.45 0.00	54.30 3.69 0.00	52.72 3.54 0.00	53.32 3.44 0.00	54.48 3.90 0.00	57.96 4.44 0.00	79.08 4.41 0.00	93.14 5.11 0.00	67.20 5.26 0.00	61.72 6.22 -0.01	56.17 4.80 -3.89	56.52 4.64 -5.03	56.51 4.52 -5.90	55.83 4.62 -4.05	58.03 4.74 -3.39	66.62 6.05 -0.06	86.58 8.30 -0.02	106.06 9.72 -1.01	91.90 8.58 -0.02	84.56 7.05 -0.85	73.79 6.22 0.00	65.41 5.45 -0.01	59.61 4.31 0.00	58.13 5.24 0.00
BRISTLHL_115KV_TB1 79998	51.81 -1.17 0.00	49.49 -1.11 0.00	48.05 -1.13 0.00	48.78 -1.10 0.00	49.37 -1.21 0.00	52.18 -1.34 0.00	72.80 -1.87 0.00	85.92 -2.11 0.00	60.33 -1.61 0.00	54.06 -1.44 0.00	46.20 -1.28 0.00	45.53 -1.31 0.00	44.84 -1.24 0.00	45.88 -1.27 0.00	48.51 -1.40 0.00	58.88 -1.63 0.00	76.15 -2.11 0.00	92.85 -2.48 0.00	81.14 -2.17 0.00	74.67 -1.99 0.00	65.89 -1.69 0.00	58.33 -1.62 0.00	53.74 -1.55 0.00	51.36 -1.53 0.00
BROOKHAVEN___DRP 24191	57.27 4.29 0.00	54.10 3.49 0.00	52.57 3.39 0.00	53.12 3.24 0.00	54.28 3.69 0.00	57.80 4.28 0.00	78.55 3.88 0.00	92.43 4.40 0.00	66.96 5.02 0.00	61.56 6.05 -0.01	60.86 5.41 -7.96	60.82 5.20 -8.77	60.86 5.12 -9.66	56.41 5.14 -4.11	64.01 5.34 -8.77	67.69 6.72 -0.46	86.69 8.37 -0.05	109.66 10.20 -4.13	92.27 8.91 -0.05	87.80 7.67 -3.47	73.73 6.15 0.00	65.93 5.93 -0.05	60.03 4.70 -0.04	58.03 5.13 0.00
BROOKLYN_NAVY_YARD 23515	55.04 2.06 0.00	52.43 1.82 0.00	51.05 1.87 0.00	51.82 1.94 0.00	52.61 2.03 0.00	56.09 2.57 0.00	78.48 3.81 0.00	92.60 4.57 0.00	65.85 3.90 -0.01	65.12 4.05 -5.57	60.09 3.80 -8.80	59.19 3.66 -8.68	57.02 3.55 -7.38	55.16 3.58 -4.42	58.51 3.64 -4.97	64.70 4.17 -0.02	83.43 5.16 0.00	101.52 6.19 0.00	88.64 5.34 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.42 3.48 0.00	58.39 3.09 0.00	55.43 2.54 0.00
BROOKLYN___ARMY_DRP 323595	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.63 2.74 -0.01	53.58 2.98 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	64.53 3.39 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.66 3.18 -7.39	54.74 3.16 -4.43	58.12 3.24 -4.97	64.94 4.42 -0.02	83.35 5.09 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.66 3.72 0.00	58.94 3.65 0.00	56.50 3.60 -0.01
BROOME_2_LFGE 323671	53.77 0.80 0.00	51.41 0.81 0.00	49.96 0.78 0.00	50.72 0.85 0.00	51.29 0.71 0.00	54.17 0.64 0.00	75.72 1.04 0.00	89.09 1.06 0.00	62.50 0.56 0.00	55.94 0.44 0.00	47.91 0.43 0.00	47.18 0.33 0.00	46.46 0.37 0.00	47.49 0.33 0.00	50.10 0.20 0.00	60.69 0.18 0.00	78.50 0.24 0.00	95.71 0.38 0.00	83.64 0.33 0.00	76.97 0.31 0.00	68.25 0.68 0.00	60.37 0.42 0.00	55.68 0.39 0.00	53.42 0.53 0.00
BROOME___LFGE 323600	53.77 0.80 0.00	51.41 0.81 0.00	49.96 0.78 0.00	50.72 0.85 0.00	51.29 0.71 0.00	54.17 0.64 0.00	75.72 1.04 0.00	89.09 1.06 0.00	62.50 0.56 0.00	55.94 0.44 0.00	47.91 0.43 0.00	47.18 0.33 0.00	46.46 0.37 0.00	47.49 0.33 0.00	50.10 0.20 0.00	60.69 0.18 0.00	78.50 0.24 0.00	95.71 0.38 0.00	83.64 0.33 0.00	76.97 0.31 0.00	68.25 0.68 0.00	60.37 0.42 0.00	55.68 0.39 0.00	53.42 0.53 0.00
BROWNFLS_115KV_TB_3_5 80003	53.35 0.37 0.00	50.96 0.35 0.00	49.57 0.39 0.00	50.12 0.25 0.00	51.14 0.56 0.00	53.90 0.37 0.00	74.67 0.00 0.00	88.29 0.26 0.00	61.75 -0.19 0.00	55.06 -0.44 0.00	46.82 -0.66 0.00	46.14 -0.70 0.00	45.21 -0.88 0.00	46.73 -0.42 0.00	49.55 -0.35 0.00	59.54 -0.97 0.00	76.77 -1.49 0.00	93.90 -1.43 0.00	82.14 -1.17 0.00	76.20 -0.46 0.00	67.64 0.07 0.00	60.42 0.48 0.00	56.18 0.88 0.00	53.64 0.74 0.00
BROWNSV1_27_KV_LOAD 356125	55.57 2.60 0.00	52.93 2.33 0.00	51.54 2.36 0.00	52.27 2.39 0.00	53.22 2.63 0.00	56.57 3.05 0.00	79.23 4.55 0.00	93.49 5.46 0.00	66.40 4.46 0.00	65.51 4.44 -5.57	60.47 4.18 -8.80	59.56 4.03 -8.68	57.44 3.96 -7.38	55.54 3.96 -4.42	58.91 4.04 -4.97	65.31 4.78 -0.02	84.13 5.87 0.00	102.38 7.05 0.00	89.39 6.08 0.00	81.95 5.29 0.00	71.56 3.99 0.00	63.96 4.02 0.00	58.83 3.54 0.00	56.23 3.33 0.00
BURROWS___LYONSDAL 23803	54.19 1.22 0.00	51.72 1.11 0.00	50.31 1.13 0.00	50.97 1.10 0.00	51.70 1.11 0.00	54.81 1.28 0.00	76.69 2.02 0.00	90.49 2.46 0.00	63.12 1.18 0.00	56.17 0.67 0.00	47.77 0.28 0.00	47.08 0.23 0.00	46.23 0.14 0.00	47.44 0.28 0.00	50.30 0.40 0.00	61.24 0.73 0.00	79.36 1.10 0.00	97.24 1.91 0.00	85.05 1.75 0.00	78.50 1.84 0.00	69.33 1.76 0.00	61.56 1.62 0.00	56.67 1.38 0.00	54.06 1.16 0.00
CAITHNESS_CC_1 323624	57.05 4.08 0.00	53.89 3.29 0.00	52.37 3.19 0.00	52.97 3.09 0.00	54.03 3.44 0.00	57.59 4.07 0.00	78.25 3.58 0.00	92.08 4.05 0.00	66.46 4.52 0.00	61.39 5.88 -0.01	60.63 5.18 -7.97	60.64 5.01 -8.78	60.59 4.84 -9.66	56.22 4.95 -4.12	63.77 5.09 -8.78	67.32 6.35 -0.46	86.22 7.90 -0.05	109.10 9.62 -4.15	91.77 8.41 -0.05	87.35 7.20 -3.48	73.32 5.74 0.00	65.63 5.63 -0.05	59.92 4.59 -0.04	56.28 3.39 0.00
CALPINE BETH_PAGE_GT4 24209	56.47 3.50 0.00	53.44 2.83 0.00	51.93 2.75 0.00	52.57 2.69 0.00	53.67 3.09 0.00	56.84 3.32 0.00	77.88 3.21 0.00	91.82 3.79 0.00	66.09 4.15 0.00	60.50 5.00 -0.01	55.04 4.32 -3.24	55.54 4.36 -4.34	55.52 4.29 -5.15	55.21 4.29 -3.77	56.99 4.44 -2.65	66.03 5.51 -0.01	85.16 6.89 -0.01	103.64 8.29 -0.01	90.57 7.25 -0.01	82.81 6.13 -0.01	72.44 4.87 0.00	64.75 4.80 -0.01	59.16 3.87 0.00	57.18 4.28 0.00
CALPINE_BETH_PAGE_GT_4 323586	56.47 3.50 0.00	53.44 2.83 0.00	51.93 2.75 0.00	52.57 2.69 0.00	53.57 2.98 0.00	56.84 3.32 0.00	77.88 3.21 0.00	91.81 3.78 0.00	65.91 3.97 0.00	60.50 5.00 -0.01	55.04 4.32 -3.24	55.54 4.36 -4.34	55.47 4.24 -5.15	55.21 4.29 -3.77	56.99 4.44 -2.65	65.97 5.45 -0.01	85.16 6.89 -0.01	103.74 8.39 -0.01	90.56 7.24 -0.01	82.81 6.14 -0.01	72.44 4.87 0.00	64.75 4.80 -0.01	59.33 4.03 0.00	55.85 2.96 0.00
CALPINE_BP_GT1 23823	56.47 3.50 0.00	53.44 2.83 0.00	51.93 2.75 0.00	52.57 2.69 0.00	53.57 2.98 0.00	56.84 3.32 0.00	77.88 3.21 0.00	91.81 3.78 0.00	65.91 3.97 0.00	60.50 5.00 -0.01	55.04 4.32 -3.24	55.54 4.36 -4.34	55.47 4.24 -5.15	55.21 4.29 -3.77	56.99 4.44 -2.65	65.97 5.45 -0.01	85.16 6.89 -0.01	103.74 8.39 -0.01	90.56 7.24 -0.01	82.81 6.14 -0.01	72.44 4.87 0.00	64.75 4.80 -0.01	59.33 4.03 0.00	55.85 2.96 0.00
CALSPAN___DRP 24200	53.40 0.42 0.00	51.26 0.66 0.00	49.87 0.69 0.00	50.82 0.95 0.00	50.58 0.00 0.00	52.18 -1.34 0.00	71.91 -2.76 0.00	83.63 -4.40 0.00	58.22 -3.72 0.00	53.45 -2.05 0.00	45.96 -1.52 0.00	45.30 -1.55 0.00	44.75 -1.34 0.00	45.60 -1.56 0.00	47.21 -2.69 0.00	56.76 -3.75 0.00	73.24 -5.01 0.02	89.51 -5.82 0.01	78.21 -5.08 0.01	71.82 -4.83 0.02	64.27 -3.31 0.00	55.87 -4.08 0.00	52.09 -3.21 0.00	50.30 -2.59 0.00

CALVERTON___SOLAR 323806	57.48 4.50 0.00	54.30 3.69 0.00	52.77 3.59 0.00	53.36 3.49 0.00	54.43 3.84 0.00	58.02 4.50 0.00	78.92 4.25 0.00	92.87 4.84 0.00	67.02 5.08 0.00	61.83 6.32 -0.01	61.10 5.65 -7.96	61.10 5.48 -8.77	61.04 5.30 -9.66	56.65 5.37 -4.11	64.26 5.59 -8.77	67.99 7.02 -0.46	87.16 8.84 -0.05	110.32 10.86 -4.13	92.77 9.41 -0.05	88.34 8.21 -3.47	74.06 6.49 0.00	66.34 6.35 -0.05	60.42 5.08 -0.04	56.75 3.86 0.00
CANDIGU_WT_PWR 323617	53.66 0.69 0.00	51.57 0.96 0.00	50.11 0.93 0.00	51.07 1.20 0.00	51.24 0.66 0.00	52.99 -0.54 0.00	73.70 -0.97 0.00	85.57 -2.46 0.00	59.34 -2.60 0.00	54.00 -1.50 0.00	46.53 -0.95 0.00	45.68 -1.17 0.00	45.07 -1.01 0.00	45.93 -1.23 0.00	47.81 -2.09 0.00	57.67 -2.84 0.00	74.56 -3.68 0.03	91.31 -4.00 0.02	79.71 -3.58 0.02	73.18 -3.45 0.03	65.28 -2.30 0.00	56.89 -3.05 0.00	52.92 -2.38 0.00	52.26 -0.63 0.00
CARR STREET_E_SYR 24060	52.39 -0.58 0.00	50.05 -0.56 0.00	48.64 -0.54 0.00	49.38 -0.50 0.00	49.98 -0.60 0.00	52.66 -0.86 0.00	73.47 -1.20 0.00	86.62 -1.41 0.00	60.83 -1.11 0.00	54.56 -0.94 0.00	46.77 -0.71 0.00	46.09 -0.75 0.00	45.40 -0.69 0.00	46.45 -0.71 0.00	49.10 -0.80 0.00	59.42 -1.09 0.00	76.77 -1.49 0.00	93.52 -1.81 0.00	81.72 -1.59 0.00	75.20 -1.46 0.00	66.43 -1.15 0.00	58.75 -1.20 0.00	54.19 -1.11 0.00	51.89 -1.01 0.00
CARTHAGE___PAPER 23857	53.82 0.84 0.00	51.31 0.71 0.00	49.96 0.78 0.00	50.52 0.65 0.00	51.34 0.76 0.00	54.37 0.85 0.00	76.16 1.49 0.00	90.14 2.11 0.00	62.31 0.37 0.00	55.05 -0.45 0.00	46.96 -0.52 0.00	46.24 -0.61 0.00	45.35 -0.74 0.00	46.69 -0.47 0.00	49.56 -0.35 0.00	60.09 -0.42 0.00	78.18 -0.08 0.00	96.09 0.76 0.00	84.14 0.83 0.00	78.04 1.38 0.00	69.06 1.48 0.00	61.21 1.26 0.00	56.29 1.00 0.00	53.79 0.90 0.00
CASSADAGA_WT_PWR 323784	54.62 1.64 0.00	52.43 1.82 0.00	50.95 1.77 0.00	51.87 2.00 0.00	52.05 1.47 0.00	53.47 -0.05 0.00	75.05 0.38 0.00	87.06 -0.97 0.00	60.27 -1.67 0.00	55.45 -0.06 0.00	47.91 0.43 0.00	46.94 0.09 0.00	46.27 0.19 0.00	47.06 -0.09 0.00	48.66 -1.25 0.00	58.63 -1.88 0.00	75.58 -2.66 0.02	92.94 -2.38 0.01	81.13 -2.17 0.01	74.19 -2.46 0.02	66.49 -1.08 0.00	57.67 -2.28 0.00	53.69 -1.61 0.00	53.32 0.42 0.00
CE_DUNWOOD___DRP 24194	55.04 2.07 0.00	52.43 1.82 0.00	51.05 1.87 0.00	51.72 1.85 0.00	52.66 2.07 0.00	55.93 2.41 0.00	78.33 3.66 0.00	92.34 4.31 0.00	65.47 3.53 0.00	59.05 3.55 0.00	50.86 3.37 0.00	50.13 3.28 0.00	49.32 3.23 0.00	50.36 3.21 0.00	53.15 3.24 0.00	64.32 3.81 0.00	82.96 4.70 0.00	100.95 5.62 0.00	88.22 4.91 0.00	80.88 4.22 0.00	70.75 3.18 0.00	63.18 3.24 0.00	58.06 2.76 0.00	55.54 2.64 0.00
CE_MILLWOOD___DRP 24193	54.99 2.01 0.00	52.38 1.77 0.00	50.95 1.77 0.00	51.67 1.80 0.00	52.56 1.97 0.00	55.88 2.35 0.00	78.18 3.51 0.00	92.17 4.14 0.00	65.35 3.41 0.00	58.89 3.39 0.00	50.71 3.23 0.00	49.98 3.14 0.00	49.13 3.04 0.00	50.22 3.07 0.00	53.00 3.09 0.00	64.20 3.69 0.00	82.80 4.54 0.00	100.76 5.43 0.00	87.97 4.67 0.00	80.72 4.06 0.00	70.62 3.04 0.00	63.06 3.12 0.00	57.95 2.65 0.00	55.43 2.54 0.00
CE_NYC2_DRP 24202	55.25 2.28 0.00	52.63 2.02 0.00	51.55 2.36 -0.01	52.28 2.39 -0.01	53.22 2.63 -0.01	56.58 3.05 -0.01	78.63 3.96 0.00	92.70 4.67 0.00	65.90 3.96 0.00	64.92 3.77 -5.64	60.07 3.66 -8.93	59.21 3.56 -8.81	57.08 3.50 -7.49	55.13 3.49 -4.48	58.48 3.54 -5.04	64.88 4.36 -0.02	83.35 5.09 0.00	101.53 6.20 0.00	88.55 5.25 0.00	81.11 4.45 0.00	70.82 3.24 0.00	63.60 3.66 0.00	58.67 3.37 0.00	56.18 3.28 -0.01
CE_NYC_DRP 24195	55.20 2.22 0.00	52.58 1.97 0.00	51.20 2.02 0.00	51.92 2.04 0.00	52.86 2.28 0.00	56.20 2.68 0.00	78.70 4.03 0.00	92.87 4.84 0.00	65.97 4.03 0.00	65.09 4.05 -5.54	60.10 3.85 -8.77	59.24 3.75 -8.65	57.13 3.69 -7.35	55.19 3.63 -4.40	58.59 3.74 -4.95	64.88 4.36 -0.02	83.58 5.32 0.00	101.72 6.39 0.00	88.80 5.50 0.00	81.34 4.68 0.00	71.02 3.45 0.00	63.54 3.60 0.00	58.44 3.15 0.00	55.86 2.96 0.00
CHAFFEE___LFGE 323603	53.45 0.48 0.00	51.31 0.71 0.00	49.92 0.74 0.00	50.87 1.00 0.00	51.04 0.45 0.00	52.24 -1.29 0.00	72.13 -2.54 0.00	83.98 -4.05 0.00	58.41 -3.53 0.00	53.61 -1.89 0.00	46.34 -1.14 0.00	45.44 -1.40 0.00	44.85 -1.24 0.00	45.69 -1.46 0.00	47.26 -2.65 0.00	57.06 -3.45 0.00	73.47 -4.78 0.02	90.27 -5.06 0.01	78.71 -4.58 0.01	72.05 -4.60 0.02	64.60 -2.97 0.00	56.23 -3.72 0.00	52.25 -3.04 0.00	52.05 -0.85 0.00
CHATEAUG_35_KV_LOAD 355732	52.71 -0.26 0.00	50.51 -0.10 0.00	49.13 -0.05 0.00	49.72 -0.15 0.00	50.94 0.35 0.00	53.25 -0.27 0.00	73.40 -1.27 0.00	86.80 -1.23 0.00	61.26 -0.68 0.00	55.17 -0.33 0.00	46.77 -0.71 0.00	46.19 -0.66 0.00	45.12 -0.97 0.00	46.83 -0.33 0.00	49.85 -0.05 0.00	59.24 -1.27 0.00	76.62 -1.64 0.00	93.52 -1.81 0.00	81.64 -1.67 0.00	75.74 -0.92 0.00	67.10 -0.47 0.00	59.65 -0.30 0.00	56.01 0.72 0.00	53.69 0.79 0.00
CHATEAUG_WT_PWR 323614	52.61 -0.37 0.00	50.35 -0.25 0.00	48.98 -0.20 0.00	49.58 -0.30 0.00	50.74 0.15 0.00	53.04 -0.48 0.00	73.03 -1.64 0.00	86.35 -1.68 0.00	60.95 -0.99 0.00	54.23 -1.27 0.00	46.68 -0.81 0.00	46.09 -0.75 0.00	45.12 -0.97 0.00	46.73 -0.43 0.00	49.75 -0.15 0.00	59.12 -1.39 0.00	76.46 -1.80 0.00	93.04 -2.29 0.00	80.89 -2.42 0.00	75.43 -1.23 0.00	66.83 -0.74 0.00	58.98 -0.96 0.00	55.13 -0.17 0.00	53.53 0.64 0.00
CHAT_HIGH_FALL_HYD 323578	52.71 -0.26 0.00	50.51 -0.10 0.00	49.13 -0.05 0.00	49.72 -0.15 0.00	50.94 0.35 0.00	53.25 -0.27 0.00	73.40 -1.27 0.00	86.80 -1.23 0.00	61.26 -0.68 0.00	55.17 -0.33 0.00	46.77 -0.71 0.00	46.19 -0.66 0.00	45.12 -0.97 0.00	46.83 -0.33 0.00	49.85 -0.05 0.00	59.24 -1.27 0.00	76.62 -1.64 0.00	93.52 -1.81 0.00	81.64 -1.67 0.00	75.74 -0.92 0.00	67.10 -0.47 0.00	59.65 -0.30 0.00	56.01 0.72 0.00	53.69 0.79 0.00
CHAUTAUQUA___LFGE 323629	54.03 1.06 0.00	51.92 1.31 0.00	50.46 1.28 0.00	51.37 1.49 0.00	51.54 0.96 0.00	52.88 -0.64 0.00	74.07 -0.60 0.00	85.83 -2.20 0.00	59.59 -2.35 0.00	54.72 -0.78 0.00	47.30 -0.19 0.00	46.38 -0.47 0.00	45.77 -0.32 0.00	46.54 -0.61 0.00	48.15 -1.75 0.00	57.91 -2.60 0.00	74.72 -3.52 0.02	91.80 -3.53 0.01	80.13 -3.17 0.01	73.27 -3.37 0.02	65.68 -1.89 0.00	57.13 -2.82 0.00	53.14 -2.16 0.00	52.84 -0.05 0.00
CHERRYST_13_KV_LD 356241	55.31 2.33 0.00	52.68 2.07 0.00	51.34 2.16 0.00	52.07 2.19 0.00	53.01 2.43 0.00	56.36 2.84 0.00	78.93 4.26 0.00	93.14 5.11 0.00	66.21 4.27 0.00	65.32 4.27 -5.54	60.29 4.04 -8.77	59.38 3.89 -8.65	57.27 3.83 -7.35	55.38 3.82 -4.40	58.74 3.89 -4.95	65.12 4.60 -0.02	83.82 5.56 0.00	102.00 6.67 0.00	89.05 5.75 0.00	81.57 4.91 0.00	71.23 3.65 0.00	63.66 3.72 0.00	58.55 3.26 0.00	55.96 3.07 0.00

CHESTROR_138KV_BK263 355645	54.72 1.75 0.00	52.18 1.57 0.00	50.75 1.57 0.00	51.42 1.55 0.00	52.30 1.72 0.00	55.55 2.03 0.00	77.81 3.14 0.00	91.64 3.61 0.00	64.79 2.85 0.00	58.33 2.83 0.00	50.14 2.66 0.00	49.38 2.53 0.00	48.58 2.49 0.00	49.61 2.45 0.00	52.45 2.55 0.00	63.53 3.03 0.00	82.02 3.76 0.00	99.81 4.48 0.00	87.22 3.92 0.00	80.03 3.37 0.00	70.14 2.57 0.00	62.52 2.58 0.00	57.61 2.32 0.00	55.06 2.17 0.00
CH_MIDHUDSON___DRP 24192	54.88 1.91 0.00	52.33 1.72 0.00	50.90 1.72 0.00	51.57 1.70 0.00	52.51 1.92 0.00	55.77 2.25 0.00	78.11 3.43 0.00	92.08 4.05 0.00	65.10 3.16 0.00	58.55 3.05 0.00	50.29 2.80 0.00	49.56 2.72 0.00	48.72 2.63 0.00	49.75 2.59 0.00	52.60 2.69 0.00	63.84 3.33 0.00	82.41 4.15 0.00	100.29 4.96 0.00	87.64 4.33 0.00	80.42 3.76 0.00	70.48 2.91 0.00	62.82 2.88 0.00	57.89 2.60 0.00	55.33 2.43 0.00
CH_MISC_IPPS 23765	55.25 2.28 0.00	52.63 2.03 0.00	51.20 2.02 0.00	51.87 2.00 0.00	52.71 2.12 0.00	56.14 2.62 0.00	78.63 3.95 0.00	92.69 4.66 0.00	65.53 3.59 0.00	58.94 3.44 0.00	50.48 2.99 0.00	49.75 2.91 0.00	48.85 2.77 0.00	49.94 2.78 0.00	52.80 2.89 0.00	64.08 3.57 0.00	82.96 4.70 0.00	100.86 5.53 0.00	88.13 4.83 0.00	80.87 4.21 0.00	70.82 3.24 0.00	63.18 3.23 0.00	58.28 2.98 0.00	55.38 2.49 0.00
CH_RES_BVR_FALLS 23983	52.76 -0.21 0.00	50.46 -0.15 0.00	49.03 -0.15 0.00	49.68 -0.20 0.00	50.58 0.00 0.00	53.31 -0.21 0.00	73.92 -0.75 0.00	87.32 -0.71 0.00	61.51 -0.43 0.00	54.84 -0.66 0.00	47.01 -0.47 0.00	46.42 -0.42 0.00	45.54 -0.55 0.00	46.88 -0.28 0.00	49.75 -0.15 0.00	59.84 -0.66 0.00	77.33 -0.94 0.00	94.19 -1.14 0.00	82.14 -1.17 0.00	76.04 -0.62 0.00	67.24 -0.34 0.00	59.46 -0.48 0.00	55.13 -0.17 0.00	53.11 0.21 0.00
CH_RES_NIAGARA 23895	52.23 -0.74 0.00	50.20 -0.40 0.00	48.88 -0.30 0.00	49.77 -0.10 0.00	49.62 -0.96 0.00	50.31 -3.21 0.00	68.77 -5.90 0.00	79.93 -8.10 0.00	55.93 -6.01 0.00	51.34 -4.16 0.00	44.11 -3.37 0.00	43.57 -3.28 0.00	43.05 -3.04 0.00	43.90 -3.25 0.00	45.41 -4.49 0.00	54.52 -5.99 0.00	69.95 -8.30 0.01	85.79 -9.53 0.01	74.88 -8.41 0.01	68.60 -8.05 0.01	61.83 -5.74 0.00	53.83 -6.11 0.00	50.21 -5.09 0.00	48.56 -4.34 0.00
CH_RES_SYRACUSE 23985	52.76 -0.21 0.00	50.40 -0.20 0.00	48.93 -0.24 0.00	49.68 -0.20 0.00	50.28 -0.30 0.00	53.09 -0.43 0.00	74.15 -0.52 0.00	87.42 -0.61 0.00	61.38 -0.56 0.00	55.00 -0.50 0.00	47.06 -0.43 0.00	46.33 -0.51 0.00	45.63 -0.46 0.00	46.69 -0.47 0.00	49.35 -0.55 0.00	59.90 -0.61 0.00	77.40 -0.86 0.00	94.38 -0.95 0.00	82.47 -0.83 0.00	75.89 -0.77 0.00	67.03 -0.54 0.00	59.29 -0.66 0.00	54.69 -0.61 0.00	52.37 -0.53 0.00
CLINTON_WT_PWR 323605	52.61 -0.37 0.00	50.35 -0.25 0.00	48.98 -0.20 0.00	49.58 -0.30 0.00	50.74 0.15 0.00	53.04 -0.48 0.00	73.03 -1.64 0.00	86.35 -1.68 0.00	60.95 -0.99 0.00	54.23 -1.27 0.00	46.68 -0.81 0.00	46.09 -0.75 0.00	45.12 -0.97 0.00	46.73 -0.43 0.00	49.75 -0.15 0.00	59.12 -1.39 0.00	76.46 -1.80 0.00	93.04 -2.29 0.00	80.89 -2.42 0.00	75.43 -1.23 0.00	66.83 -0.74 0.00	58.98 -0.96 0.00	55.13 -0.17 0.00	53.53 0.64 0.00
CLINTON___LFGE 323618	53.13 0.16 0.00	50.91 0.31 0.00	49.53 0.35 0.00	50.07 0.20 0.00	51.34 0.76 0.00	53.47 -0.05 0.00	73.47 -1.20 0.00	86.98 -1.05 0.00	61.32 -0.62 0.00	54.56 -0.94 0.00	46.96 -0.52 0.00	46.38 -0.47 0.00	45.35 -0.74 0.00	47.06 -0.09 0.00	50.15 0.25 0.00	59.42 -1.09 0.00	77.01 -1.26 0.00	93.80 -1.53 0.00	81.55 -1.75 0.00	76.13 -0.53 0.00	67.37 -0.20 0.00	59.29 -0.66 0.00	55.51 0.22 0.00	54.11 1.22 0.00
COBBLENY_34_KV_TB1 80064	53.45 0.48 0.00	51.31 0.71 0.00	49.92 0.74 0.00	50.87 1.00 0.00	50.64 0.05 0.00	52.24 -1.28 0.00	72.13 -2.54 0.00	83.98 -4.05 0.00	58.35 -3.59 0.00	53.56 -1.94 0.00	46.06 -1.42 0.00	45.39 -1.45 0.00	44.84 -1.24 0.00	45.70 -1.46 0.00	47.26 -2.64 0.00	56.88 -3.63 0.00	73.47 -4.77 0.02	89.79 -5.53 0.01	78.46 -4.83 0.01	72.04 -4.60 0.02	64.47 -3.11 0.00	55.99 -3.96 0.00	52.20 -3.10 0.00	50.36 -2.54 0.00
COFFEEN___115KV_TB3 355620	54.09 1.11 0.00	51.57 0.96 0.00	50.16 0.98 0.00	50.77 0.90 0.00	51.44 0.86 0.00	54.59 1.07 0.00	76.76 2.09 0.00	90.93 2.90 0.00	62.93 0.99 0.00	55.56 0.06 0.00	46.96 -0.52 0.00	46.10 -0.75 0.00	45.31 -0.78 0.00	46.50 -0.66 0.00	49.30 -0.60 0.00	60.45 -0.06 0.00	78.73 0.47 0.00	97.05 1.72 0.00	85.14 1.83 0.00	78.81 2.15 0.00	69.60 2.03 0.00	61.74 1.80 0.00	56.62 1.33 0.00	53.79 0.90 0.00
COLDSPRG_115KV_BK1 355956	54.72 1.75 0.00	52.53 1.92 0.00	51.05 1.87 0.00	52.02 2.14 0.00	51.75 1.16 0.00	53.68 0.16 0.00	75.34 0.67 0.00	87.41 -0.62 0.00	60.39 -1.55 0.00	55.56 0.06 0.00	47.82 0.33 0.00	46.99 0.14 0.00	46.41 0.32 0.00	47.20 0.05 0.00	48.75 -1.15 0.00	58.57 -1.94 0.00	75.97 -2.27 0.02	92.56 -2.76 0.01	81.04 -2.25 0.01	74.50 -2.15 0.02	66.43 -1.15 0.00	57.55 -2.40 0.00	53.63 -1.66 0.00	51.78 -1.11 0.00
COLONIE_LFGE___ 323577	54.46 1.48 0.00	52.12 1.52 0.00	50.61 1.43 0.00	51.27 1.39 0.00	52.10 1.52 0.00	55.23 1.71 0.00	77.06 2.39 0.00	90.85 2.82 0.00	63.86 1.92 0.00	56.83 1.33 0.00	48.29 0.81 0.00	47.83 0.99 0.00	47.10 1.01 0.00	48.15 0.99 0.00	51.25 1.35 0.00	62.32 1.81 0.00	80.92 2.66 0.00	98.57 3.24 0.00	86.22 2.91 0.00	79.42 2.76 0.00	69.94 2.36 0.00	62.04 2.10 0.00	57.17 1.88 0.00	54.59 1.69 0.00
COOPERNY_115KV_TB1 80082	54.41 1.43 0.00	51.87 1.27 0.00	50.46 1.28 0.00	51.17 1.30 0.00	51.95 1.37 0.00	55.13 1.61 0.00	77.13 2.46 0.00	90.93 2.90 0.00	64.17 2.23 0.00	57.72 2.22 0.00	49.53 2.04 0.00	48.81 1.97 0.00	47.98 1.89 0.00	49.04 1.89 0.00	51.85 1.95 0.00	62.87 2.36 0.00	81.24 2.97 0.00	98.86 3.53 0.00	86.39 3.08 0.00	79.34 2.68 0.00	69.67 2.09 0.00	61.98 2.04 0.00	57.12 1.82 0.00	54.59 1.69 0.00
COPENHAGEN_WT_PWR 323753	53.61 0.64 0.00	51.11 0.51 0.00	49.72 0.54 0.00	50.32 0.45 0.00	51.04 0.45 0.00	54.11 0.59 0.00	75.94 1.27 0.00	89.88 1.85 0.00	62.43 0.49 0.00	55.11 -0.39 0.00	46.77 -0.71 0.00	45.95 -0.89 0.00	45.17 -0.92 0.00	46.36 -0.80 0.00	49.16 -0.75 0.00	60.15 -0.36 0.00	78.10 -0.16 0.00	96.00 0.67 0.00	84.14 0.83 0.00	77.88 1.22 0.00	68.86 1.28 0.00	60.96 1.02 0.00	55.96 0.67 0.00	53.48 0.58 0.00
CORNELL_____ 23752	54.25 1.27 0.00	51.92 1.32 0.00	50.41 1.23 0.00	51.22 1.35 0.00	51.70 1.11 0.00	54.65 1.12 0.00	76.46 1.79 0.00	90.14 2.11 0.00	62.99 1.05 0.00	56.39 0.89 0.00	48.10 0.62 0.00	47.36 0.52 0.00	46.64 0.55 0.00	47.72 0.57 0.00	50.45 0.55 0.00	61.36 0.85 0.00	79.62 1.33 -0.03	97.16 1.81 -0.02	85.07 1.75 -0.02	78.38 1.69 -0.03	69.00 1.42 0.00	60.90 0.96 0.00	56.12 0.83 0.00	53.58 0.69 0.00

CORONA__69_KV_TB1 355595	56.42 3.44 0.00	53.49 2.88 0.00	51.98 2.80 0.00	52.62 2.74 0.00	53.67 3.09 0.00	57.05 3.53 0.00	78.33 3.66 0.00	92.26 4.23 0.00	66.27 4.34 0.00	60.56 5.05 -0.01	54.87 4.32 -3.06	55.16 4.22 -4.10	55.10 4.15 -4.87	54.87 4.15 -3.56	56.65 4.24 -2.51	66.03 5.51 -0.01	85.08 6.81 -0.01	103.64 8.29 -0.01	90.56 7.25 -0.01	82.81 6.13 -0.01	72.58 5.00 0.00	64.87 4.92 -0.01	59.11 3.82 0.00	57.07 4.18 0.00
CORTLAND__115KV_TB3 80093	53.72 0.74 0.00	51.37 0.76 0.00	49.87 0.69 0.00	50.62 0.75 0.00	51.24 0.66 0.00	54.22 0.70 0.00	75.79 1.12 0.00	89.44 1.41 0.00	62.62 0.68 0.00	56.06 0.56 0.00	47.86 0.38 0.00	47.17 0.33 0.00	46.46 0.37 0.00	47.53 0.38 0.00	50.25 0.35 0.00	60.99 0.48 0.00	79.05 0.78 -0.01	96.38 1.05 -0.01	84.23 0.92 -0.01	77.59 0.92 -0.01	68.45 0.88 0.00	60.54 0.60 0.00	55.79 0.50 0.00	53.26 0.37 0.00
COXSACKIE__GT 23611	55.83 2.86 0.00	53.34 2.73 0.00	51.78 2.60 0.00	52.52 2.64 0.00	53.42 2.83 0.00	56.79 3.27 0.00	79.75 5.08 0.00	94.19 6.16 0.00	65.28 3.34 0.00	57.61 2.11 0.00	48.53 1.04 0.00	47.78 0.94 0.00	46.87 0.78 0.00	47.96 0.80 0.00	51.10 1.20 0.00	62.99 2.48 0.00	82.48 4.22 0.00	100.76 5.43 0.00	88.39 5.08 0.00	81.18 4.52 0.00	71.43 3.85 0.00	63.42 3.48 0.00	58.72 3.43 0.00	55.96 3.07 0.00
CPV__VALLEY__CC1 323721	54.56 1.59 0.00	52.02 1.41 0.00	50.61 1.43 0.00	51.32 1.45 0.00	52.05 1.47 0.00	55.39 1.87 0.00	77.51 2.84 0.00	91.29 3.26 0.00	64.54 2.60 0.00	58.16 2.66 0.00	49.95 2.47 0.00	49.23 2.39 0.00	48.39 2.30 0.00	49.47 2.31 0.00	52.25 2.35 0.00	63.29 2.78 0.00	81.79 3.52 0.00	99.52 4.19 0.00	86.97 3.66 0.00	79.81 3.14 0.00	69.94 2.36 0.00	62.35 2.40 0.00	57.45 2.15 0.00	54.69 1.80 0.00
CPV__VALLEY__CC2 323722	54.56 1.59 0.00	52.02 1.41 0.00	50.61 1.43 0.00	51.32 1.45 0.00	52.05 1.47 0.00	55.39 1.87 0.00	77.51 2.84 0.00	91.29 3.26 0.00	64.54 2.60 0.00	58.16 2.66 0.00	49.95 2.47 0.00	49.23 2.39 0.00	48.39 2.30 0.00	49.47 2.31 0.00	52.25 2.35 0.00	63.29 2.78 0.00	81.79 3.52 0.00	99.52 4.19 0.00	86.97 3.66 0.00	79.81 3.14 0.00	69.94 2.36 0.00	62.35 2.40 0.00	57.45 2.15 0.00	54.69 1.80 0.00
CRESCENT__HYD 24018	54.46 1.48 0.00	52.12 1.52 0.00	50.61 1.43 0.00	51.27 1.39 0.00	52.10 1.52 0.00	55.23 1.71 0.00	77.06 2.39 0.00	90.85 2.82 0.00	63.86 1.92 0.00	56.83 1.33 0.00	48.29 0.81 0.00	47.83 0.99 0.00	47.10 1.01 0.00	48.15 0.99 0.00	51.25 1.35 0.00	62.32 1.81 0.00	80.92 2.66 0.00	98.57 3.24 0.00	86.22 2.91 0.00	79.42 2.76 0.00	69.94 2.36 0.00	62.04 2.10 0.00	57.17 1.88 0.00	54.59 1.69 0.00
CRICKET__VALLEY_CC1 323756	54.19 1.22 0.00	51.62 1.01 0.00	50.26 1.08 0.00	50.92 1.05 0.00	51.75 1.16 0.00	55.07 1.55 0.00	76.99 2.32 0.00	90.85 2.82 0.00	64.29 2.35 0.00	57.94 2.44 0.00	49.76 2.28 0.00	49.09 2.25 0.00	48.26 2.17 0.00	49.33 2.17 0.00	52.15 2.25 0.00	63.05 2.54 0.00	81.47 3.21 0.00	99.15 3.82 0.00	86.55 3.25 0.00	79.42 2.76 0.00	69.54 1.96 0.00	62.10 2.15 0.00	57.17 1.88 0.00	54.37 1.48 0.00
CRICKET__VALLEY_CC2 323757	54.19 1.22 0.00	51.62 1.01 0.00	50.26 1.08 0.00	50.92 1.05 0.00	51.75 1.16 0.00	55.07 1.55 0.00	76.99 2.32 0.00	90.85 2.82 0.00	64.29 2.35 0.00	57.94 2.44 0.00	49.76 2.28 0.00	49.09 2.25 0.00	48.26 2.17 0.00	49.33 2.17 0.00	52.15 2.25 0.00	63.05 2.54 0.00	81.47 3.21 0.00	99.15 3.82 0.00	86.55 3.25 0.00	79.42 2.76 0.00	69.54 1.96 0.00	62.10 2.15 0.00	57.17 1.88 0.00	54.37 1.48 0.00
CRICKET__VALLEY_CC3 323758	54.19 1.22 0.00	51.62 1.01 0.00	50.26 1.08 0.00	50.92 1.05 0.00	51.75 1.16 0.00	55.07 1.55 0.00	76.99 2.32 0.00	90.85 2.82 0.00	64.29 2.35 0.00	57.94 2.44 0.00	49.76 2.28 0.00	49.09 2.25 0.00	48.26 2.17 0.00	49.33 2.17 0.00	52.15 2.25 0.00	63.05 2.54 0.00	81.47 3.21 0.00	99.15 3.82 0.00	86.55 3.25 0.00	79.42 2.76 0.00	69.54 1.96 0.00	62.10 2.15 0.00	57.17 1.88 0.00	54.37 1.48 0.00
CRUCIBLE__METL_DRP 24180	52.76 -0.21 0.00	50.40 -0.20 0.00	48.93 -0.25 0.00	49.68 -0.20 0.00	50.23 -0.35 0.00	53.09 -0.43 0.00	74.15 -0.52 0.00	87.41 -0.62 0.00	61.38 -0.56 0.00	54.95 -0.56 0.00	47.01 -0.47 0.00	46.33 -0.52 0.00	45.63 -0.46 0.00	46.69 -0.47 0.00	49.35 -0.55 0.00	59.84 -0.67 0.00	77.40 -0.86 0.00	94.38 -0.95 0.00	82.47 -0.83 0.00	75.89 -0.77 0.00	67.04 -0.54 0.00	59.29 -0.66 0.00	54.68 -0.61 0.00	52.21 -0.69 0.00
DAHOWA__HYDRO 323763	55.78 2.81 0.00	53.44 2.83 0.00	51.88 2.70 0.00	52.57 2.69 0.00	53.37 2.78 0.00	56.73 3.21 0.00	79.30 4.63 0.00	93.67 5.64 0.00	65.22 3.28 0.00	57.83 2.33 0.00	49.10 1.62 0.00	48.53 1.68 0.00	47.75 1.66 0.00	48.76 1.60 0.00	51.90 2.00 0.00	63.53 3.02 0.00	82.72 4.46 0.00	101.05 5.72 0.00	88.30 5.00 0.00	81.49 4.83 0.00	71.84 4.26 0.00	63.60 3.66 0.00	58.50 3.21 0.00	55.96 3.07 0.00
DANC__LFGE 323619	52.76 -0.21 0.00	50.35 -0.25 0.00	48.98 -0.20 0.00	49.63 -0.25 0.00	50.28 -0.30 0.00	53.25 -0.27 0.00	74.60 -0.07 0.00	88.21 0.18 0.00	61.44 -0.50 0.00	54.56 -0.94 0.00	46.39 -1.09 0.00	45.63 -1.22 0.00	44.89 -1.20 0.00	46.02 -1.13 0.00	48.76 -1.15 0.00	59.48 -1.03 0.00	77.17 -1.10 0.00	94.56 -0.77 0.00	82.81 -0.50 0.00	76.51 -0.15 0.00	67.58 0.00 0.00	59.83 -0.12 0.00	55.02 -0.28 0.00	52.58 -0.32 0.00
DANSKAMMER__1 23586	55.25 2.28 0.00	52.63 2.03 0.00	51.20 2.02 0.00	51.87 2.00 0.00	52.71 2.12 0.00	56.14 2.62 0.00	78.63 3.95 0.00	92.69 4.66 0.00	65.53 3.59 0.00	58.94 3.44 0.00	50.48 2.99 0.00	49.75 2.91 0.00	48.85 2.77 0.00	49.94 2.78 0.00	52.80 2.89 0.00	64.08 3.57 0.00	82.96 4.70 0.00	100.86 5.53 0.00	88.13 4.83 0.00	80.87 4.21 0.00	70.82 3.24 0.00	63.18 3.23 0.00	58.28 2.98 0.00	55.38 2.49 0.00
DANSKAMMER__2 23589	55.25 2.28 0.00	52.63 2.03 0.00	51.20 2.02 0.00	51.87 2.00 0.00	52.71 2.12 0.00	56.14 2.62 0.00	78.63 3.95 0.00	92.69 4.66 0.00	65.53 3.59 0.00	58.94 3.44 0.00	50.48 2.99 0.00	49.75 2.91 0.00	48.85 2.77 0.00	49.94 2.78 0.00	52.80 2.89 0.00	64.08 3.57 0.00	82.96 4.70 0.00	100.86 5.53 0.00	88.13 4.83 0.00	80.87 4.21 0.00	70.82 3.24 0.00	63.18 3.23 0.00	58.28 2.98 0.00	55.38 2.49 0.00
DANSKAMMER__3 23590	55.25 2.28 0.00	52.63 2.03 0.00	51.20 2.02 0.00	51.87 2.00 0.00	52.71 2.12 0.00	56.14 2.62 0.00	78.63 3.95 0.00	92.69 4.66 0.00	65.53 3.59 0.00	58.94 3.44 0.00	50.48 2.99 0.00	49.75 2.91 0.00	48.85 2.77 0.00	49.94 2.78 0.00	52.80 2.89 0.00	64.08 3.57 0.00	82.96 4.70 0.00	100.86 5.53 0.00	88.13 4.83 0.00	80.87 4.21 0.00	70.82 3.24 0.00	63.18 3.23 0.00	58.28 2.98 0.00	55.38 2.49 0.00

DANSKAMMER___4 23591	55.25 2.28 0.00	52.63 2.03 0.00	51.20 2.02 0.00	51.87 2.00 0.00	52.71 2.12 0.00	56.14 2.62 0.00	78.63 3.95 0.00	92.69 4.66 0.00	65.53 3.59 0.00	58.94 3.44 0.00	50.48 2.99 0.00	49.75 2.91 0.00	48.85 2.77 0.00	49.94 2.78 0.00	52.80 2.89 0.00	64.08 3.57 0.00	82.96 4.70 0.00	100.86 5.53 0.00	88.13 4.83 0.00	80.87 4.21 0.00	70.82 3.24 0.00	63.18 3.23 0.00	58.28 2.98 0.00	55.38 2.49 0.00
DANSKAMMER___DIESEL 23592	55.25 2.28 0.00	52.63 2.02 0.00	51.20 2.02 0.00	51.87 1.99 0.00	52.76 2.18 0.00	56.14 2.62 0.00	78.63 3.96 0.00	92.70 4.67 0.00	65.53 3.59 0.00	58.89 3.39 0.00	50.52 3.04 0.00	49.75 2.90 0.00	48.90 2.81 0.00	49.94 2.78 0.00	52.80 2.89 0.00	64.14 3.63 0.00	82.88 4.62 0.00	100.86 5.53 0.00	88.14 4.83 0.00	80.88 4.22 0.00	70.82 3.24 0.00	63.18 3.24 0.00	58.22 2.93 0.00	55.65 2.75 0.00
DARBY___SOLAR 323810	55.47 2.49 0.00	53.14 2.53 0.00	51.59 2.41 0.00	52.27 2.39 0.00	53.11 2.53 0.00	56.36 2.83 0.00	78.77 4.10 0.00	92.96 4.93 0.00	64.85 2.91 0.00	57.56 2.05 0.00	48.91 1.42 0.00	48.30 1.45 0.00	47.56 1.47 0.00	48.57 1.41 0.00	51.75 1.85 0.00	63.23 2.73 0.00	82.33 4.07 0.00	100.47 5.14 0.00	87.88 4.58 0.00	81.03 4.37 0.00	71.43 3.85 0.00	63.24 3.29 0.00	58.22 2.93 0.00	55.70 2.80 0.00
DASHVILLE___HYD 23610	54.67 1.70 0.00	52.07 1.47 0.00	50.65 1.48 0.00	51.32 1.45 0.00	52.25 1.67 0.00	55.55 2.03 0.00	77.81 3.14 0.00	91.73 3.70 0.00	64.73 2.79 0.00	58.16 2.66 0.00	49.81 2.33 0.00	49.05 2.20 0.00	48.21 2.12 0.00	49.28 2.12 0.00	52.10 2.20 0.00	63.29 2.78 0.00	81.86 3.60 0.00	99.62 4.29 0.00	87.05 3.75 0.00	79.88 3.22 0.00	70.01 2.43 0.00	62.46 2.52 0.00	57.61 2.32 0.00	55.06 2.17 0.00
DELAWARE___LFGE 323621	54.19 1.22 0.00	51.72 1.11 0.00	50.31 1.13 0.00	50.97 1.10 0.00	51.75 1.16 0.00	54.86 1.34 0.00	76.76 2.09 0.00	90.41 2.38 0.00	63.49 1.55 0.00	56.83 1.33 0.00	48.58 1.09 0.00	47.92 1.08 0.00	47.10 1.01 0.00	48.19 1.04 0.00	50.95 1.05 0.00	62.08 1.57 0.00	80.46 2.19 0.00	97.91 2.57 0.00	85.55 2.25 0.00	78.73 2.07 0.00	69.40 1.82 0.00	61.62 1.68 0.00	56.67 1.38 0.00	54.16 1.27 0.00
DERFIELD_115KV_TB7 355931	53.19 0.21 0.00	50.81 0.20 0.00	49.38 0.20 0.00	50.07 0.20 0.00	50.79 0.20 0.00	53.79 0.27 0.00	75.04 0.37 0.00	88.47 0.44 0.00	62.19 0.25 0.00	55.72 0.22 0.00	47.67 0.19 0.00	47.03 0.19 0.00	46.27 0.18 0.00	47.35 0.19 0.00	50.10 0.20 0.00	60.81 0.30 0.00	78.65 0.39 0.00	95.81 0.48 0.00	83.72 0.42 0.00	77.04 0.38 0.00	67.91 0.34 0.00	60.24 0.30 0.00	55.57 0.28 0.00	53.16 0.26 0.00
DOGLEVILLE___HYD 23807	57.95 4.98 0.00	55.36 4.76 0.00	53.80 4.62 0.00	54.51 4.64 0.00	55.24 4.65 0.00	58.45 4.92 0.00	81.69 7.02 0.00	96.13 8.10 0.00	67.39 5.45 0.00	60.44 4.94 0.00	51.66 4.18 0.00	50.97 4.12 0.00	50.10 4.01 0.00	51.21 4.06 0.00	54.19 4.29 0.00	65.83 5.32 0.00	85.30 7.04 0.00	103.91 8.58 0.00	90.88 7.58 0.00	83.64 6.98 0.00	73.73 6.15 0.00	65.46 5.51 0.00	60.32 5.03 0.00	57.76 4.87 0.00
DUNKIRK___115KV_TB_200 55889	53.98 1.01 0.00	51.82 1.21 0.00	50.41 1.23 0.00	51.32 1.45 0.00	51.09 0.51 0.00	52.83 -0.70 0.00	73.92 -0.75 0.00	85.65 -2.38 0.00	59.40 -2.54 0.00	54.61 -0.89 0.00	47.01 -0.47 0.00	46.24 -0.61 0.00	45.67 -0.41 0.00	46.50 -0.66 0.00	48.06 -1.85 0.00	57.73 -2.78 0.00	74.57 -3.68 0.02	91.13 -4.19 0.01	79.80 -3.50 0.01	73.12 -3.53 0.02	65.48 -2.09 0.00	56.83 -3.12 0.00	52.92 -2.38 0.00	51.20 -1.69 0.00
DUNKIRK___1 23563	53.98 1.01 0.00	51.82 1.21 0.00	50.41 1.23 0.00	51.32 1.45 0.00	51.09 0.51 0.00	52.83 -0.70 0.00	73.92 -0.75 0.00	85.65 -2.38 0.00	59.40 -2.54 0.00	54.61 -0.89 0.00	47.01 -0.47 0.00	46.24 -0.61 0.00	45.67 -0.41 0.00	46.50 -0.66 0.00	48.06 -1.85 0.00	57.73 -2.78 0.00	74.57 -3.68 0.02	91.13 -4.19 0.01	79.80 -3.50 0.01	73.12 -3.53 0.02	65.48 -2.09 0.00	56.83 -3.12 0.00	52.92 -2.38 0.00	51.20 -1.69 0.00
DUNKIRK___2 23564	53.98 1.01 0.00	51.82 1.21 0.00	50.41 1.23 0.00	51.32 1.45 0.00	51.09 0.51 0.00	52.83 -0.70 0.00	73.92 -0.75 0.00	85.65 -2.38 0.00	59.40 -2.54 0.00	54.61 -0.89 0.00	47.01 -0.47 0.00	46.24 -0.61 0.00	45.67 -0.41 0.00	46.50 -0.66 0.00	48.06 -1.85 0.00	57.73 -2.78 0.00	74.57 -3.68 0.02	91.13 -4.19 0.01	79.80 -3.50 0.01	73.12 -3.53 0.02	65.48 -2.09 0.00	56.83 -3.12 0.00	52.92 -2.38 0.00	51.20 -1.69 0.00
DUNKIRK___3 23565	53.61 0.64 0.00	51.52 0.91 0.00	50.11 0.93 0.00	51.02 1.15 0.00	50.79 0.20 0.00	52.50 -1.02 0.00	73.33 -1.34 0.00	85.04 -2.99 0.00	58.97 -2.97 0.00	54.22 -1.28 0.00	46.63 -0.85 0.00	45.91 -0.94 0.00	45.35 -0.74 0.00	46.17 -0.99 0.00	47.76 -2.15 0.00	57.36 -3.15 0.00	74.10 -4.15 0.02	90.55 -4.77 0.01	79.21 -4.08 0.01	72.66 -3.99 0.02	65.08 -2.50 0.00	56.47 -3.48 0.00	52.64 -2.65 0.00	50.88 -2.01 0.00
DUNKIRK___4 23566	53.61 0.64 0.00	51.52 0.91 0.00	50.11 0.93 0.00	51.02 1.15 0.00	50.79 0.20 0.00	52.50 -1.02 0.00	73.33 -1.34 0.00	85.04 -2.99 0.00	58.97 -2.97 0.00	54.22 -1.28 0.00	46.63 -0.85 0.00	45.91 -0.94 0.00	45.35 -0.74 0.00	46.17 -0.99 0.00	47.76 -2.15 0.00	57.36 -3.15 0.00	74.10 -4.15 0.02	90.55 -4.77 0.01	79.21 -4.08 0.01	72.66 -3.99 0.02	65.08 -2.50 0.00	56.47 -3.48 0.00	52.64 -2.65 0.00	50.88 -2.01 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	55.15 2.17 0.00	52.53 1.92 0.00	51.10 1.92 0.00	51.82 1.95 0.00	52.71 2.12 0.00	56.04 2.52 0.00	78.40 3.73 0.00	92.43 4.40 0.00	65.59 3.65 0.00	59.16 3.66 0.00	51.00 3.51 0.00	50.22 3.37 0.00	49.41 3.32 0.00	50.46 3.30 0.00	53.30 3.39 0.00	64.50 3.99 0.00	83.11 4.85 0.00	101.24 5.91 0.00	88.39 5.08 0.00	81.03 4.37 0.00	70.89 3.31 0.00	63.30 3.36 0.00	58.17 2.88 0.00	55.65 2.75 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	54.99 2.01 0.00	52.38 1.77 0.00	50.95 1.77 0.00	51.67 1.80 0.00	52.56 1.97 0.00	55.82 2.30 0.00	78.18 3.51 0.00	92.17 4.14 0.00	65.16 3.22 0.00	58.66 3.16 0.00	50.33 2.85 0.00	49.56 2.72 0.00	48.76 2.67 0.00	49.80 2.64 0.00	52.65 2.74 0.00	63.84 3.33 0.00	82.49 4.23 0.00	100.38 5.05 0.00	87.72 4.42 0.00	80.42 3.76 0.00	70.48 2.91 0.00	62.88 2.94 0.00	57.89 2.60 0.00	55.38 2.49 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	55.31 2.33 0.00	52.73 2.13 0.00	51.60 2.41 -0.01	52.28 2.39 -0.01	53.17 2.58 -0.01	56.58 3.05 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.53 3.59 0.00	64.64 3.50 -5.64	59.67 3.37 -8.81	58.86 3.33 -8.69	56.74 3.27 -7.38	54.82 3.25 -4.41	58.17 3.29 -4.97	64.58 4.05 -0.02	82.96 4.70 0.00	101.05 5.72 0.00	88.14 4.83 0.00	80.72 4.06 0.00	70.48 2.91 0.00	63.30 3.36 0.00	58.55 3.26 0.00	56.08 3.17 -0.01

E179THST_13_KV_LOAD 356214	55.52 2.54 0.00	52.93 2.33 0.00	51.74 2.56 -0.01	52.48 2.59 -0.01	53.37 2.78 -0.01	56.79 3.26 -0.01	78.85 4.18 0.00	92.96 4.93 0.00	65.84 3.90 0.00	64.92 3.77 -5.64	59.91 3.61 -8.81	59.05 3.51 -8.69	56.97 3.50 -7.38	55.06 3.49 -4.41	58.42 3.54 -4.97	64.88 4.36 -0.02	83.35 5.09 0.00	101.53 6.20 0.00	88.55 5.25 0.00	81.11 4.45 0.00	70.82 3.24 0.00	63.60 3.66 0.00	58.78 3.48 0.00	56.29 3.39 -0.01
EAST HAMPTON___GT 23717	59.12 6.14 0.00	55.87 5.26 0.00	54.29 5.11 0.00	54.86 4.99 0.00	55.94 5.36 0.00	59.62 6.10 0.00	81.54 6.87 0.00	95.96 7.93 0.00	69.00 7.06 0.00	63.61 8.10 -0.01	62.80 7.36 -7.96	62.83 7.21 -8.77	62.74 7.00 -9.65	58.34 7.07 -4.11	66.10 7.44 -8.76	70.41 9.44 -0.46	90.45 12.13 -0.05	114.23 14.78 -4.12	96.18 12.82 -0.05	91.46 11.34 -3.46	76.57 8.99 0.00	68.56 8.57 -0.05	62.19 6.85 -0.04	58.34 5.45 0.00
EAST RIVER___6 23660	54.99 2.01 0.00	52.38 1.77 0.00	51.00 1.82 0.00	51.72 1.85 0.00	52.56 1.97 0.00	56.04 2.52 0.00	78.48 3.81 0.00	92.69 4.66 0.00	65.91 3.97 -0.01	65.09 4.05 -5.54	60.05 3.80 -8.77	59.19 3.70 -8.65	57.04 3.60 -7.35	55.14 3.58 -4.40	58.54 3.69 -4.95	64.88 4.36 -0.02	83.59 5.32 0.00	101.72 6.39 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.89 3.31 0.00	63.42 3.48 0.00	58.33 3.04 0.00	55.38 2.49 0.00
EAST RIVER___7 23524	54.99 2.01 0.00	52.38 1.77 0.00	51.00 1.82 0.00	51.72 1.85 0.00	52.56 1.97 0.00	56.04 2.52 0.00	78.48 3.81 0.00	92.69 4.66 0.00	65.91 3.97 -0.01	65.09 4.05 -5.54	60.05 3.80 -8.77	59.19 3.70 -8.65	57.04 3.60 -7.35	55.14 3.58 -4.40	58.54 3.69 -4.95	64.88 4.36 -0.02	83.59 5.32 0.00	101.72 6.39 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.89 3.31 0.00	63.42 3.48 0.00	58.33 3.04 0.00	55.38 2.49 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	55.04 2.07 0.00	52.43 1.82 0.00	51.05 1.87 0.00	51.72 1.85 0.00	52.66 2.07 0.00	55.93 2.41 0.00	78.33 3.66 0.00	92.34 4.31 0.00	65.47 3.53 0.00	59.05 3.55 0.00	50.86 3.37 0.00	50.13 3.28 0.00	49.32 3.23 0.00	50.36 3.21 0.00	53.15 3.24 0.00	64.32 3.81 0.00	82.96 4.70 0.00	100.95 5.62 0.00	88.22 4.91 0.00	80.88 4.22 0.00	70.75 3.18 0.00	63.18 3.24 0.00	58.06 2.76 0.00	55.54 2.64 0.00
EAST_HAMPTON___DIESEL 23722	59.12 6.14 0.00	55.87 5.26 0.00	54.29 5.11 0.00	54.91 5.04 0.00	55.94 5.36 0.00	59.62 6.10 0.00	81.54 6.87 0.00	95.96 7.93 0.00	69.00 7.06 0.00	63.61 8.10 -0.01	62.85 7.40 -7.96	62.83 7.21 -8.77	62.74 7.00 -9.65	58.34 7.07 -4.11	66.10 7.44 -8.76	70.41 9.44 -0.46	90.45 12.13 -0.05	114.23 14.78 -4.12	96.18 12.82 -0.05	91.46 11.34 -3.46	76.63 9.06 0.00	68.56 8.57 -0.05	62.19 6.85 -0.04	58.34 5.45 0.00
EAST_POINT___SOLAR 323840	53.98 1.00 0.00	51.67 1.06 0.00	50.16 0.98 0.00	50.87 1.00 0.00	51.65 1.06 0.00	54.65 1.13 0.00	76.84 2.17 0.00	89.96 1.93 0.00	60.58 -1.36 0.00	52.67 -2.83 0.00	44.78 -2.70 0.00	44.41 -2.44 0.00	43.64 -2.44 0.00	44.47 -2.69 0.00	47.46 -2.44 0.00	59.66 -0.85 0.00	79.91 1.65 0.00	97.71 2.38 0.00	85.47 2.16 0.00	78.96 2.30 0.00	69.47 1.89 0.00	61.62 1.68 0.00	56.40 1.11 0.00	53.85 0.95 0.00
EAST_PULASKI___ESR 323781	52.13 -0.85 0.00	49.79 -0.81 0.00	48.34 -0.84 0.00	49.07 -0.80 0.00	49.72 -0.86 0.00	52.56 -0.96 0.00	73.47 -1.20 0.00	86.80 -1.23 0.00	60.70 -1.24 0.00	54.17 -1.33 0.00	46.20 -1.28 0.00	45.49 -1.36 0.00	44.80 -1.29 0.00	45.84 -1.32 0.00	48.51 -1.40 0.00	59.06 -1.45 0.00	76.46 -1.80 0.00	93.42 -1.91 0.00	81.81 -1.50 0.00	75.36 -1.30 0.00	66.56 -1.01 0.00	58.87 -1.08 0.00	54.24 -1.05 0.00	51.89 -1.01 0.00
EAST_RIVER___1 323558	55.20 2.22 0.00	52.58 1.97 0.00	51.20 2.02 0.00	51.92 2.05 0.00	52.76 2.17 0.00	56.20 2.67 0.00	78.70 4.03 0.00	92.87 4.84 0.00	65.97 4.02 -0.01	65.15 4.11 -5.54	60.10 3.84 -8.77	59.24 3.75 -8.65	57.08 3.64 -7.35	55.19 3.63 -4.40	58.59 3.74 -4.95	64.88 4.36 -0.02	83.59 5.32 0.00	101.72 6.39 0.00	88.80 5.50 0.00	81.34 4.68 0.00	71.02 3.44 0.00	63.54 3.60 0.00	58.50 3.21 0.00	55.54 2.64 0.00
EAST_RIVER___2 323559	54.99 2.01 0.00	52.38 1.77 0.00	51.00 1.82 0.00	51.72 1.85 0.00	52.56 1.97 0.00	56.04 2.52 0.00	78.48 3.81 0.00	92.69 4.66 0.00	65.91 3.97 -0.01	65.09 4.05 -5.54	60.05 3.80 -8.77	59.19 3.70 -8.65	57.04 3.60 -7.35	55.14 3.58 -4.40	58.54 3.69 -4.95	64.88 4.36 -0.02	83.59 5.32 0.00	101.72 6.39 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.89 3.31 0.00	63.42 3.48 0.00	58.33 3.04 0.00	55.38 2.49 0.00
EAST___DELAWARE_HYD 23607	54.88 1.90 0.00	52.27 1.67 0.00	50.85 1.67 0.00	51.52 1.64 0.00	52.35 1.77 0.00	55.72 2.20 0.00	78.18 3.51 0.00	92.17 4.14 0.00	64.97 3.03 0.00	58.33 2.83 0.00	49.86 2.37 0.00	49.05 2.20 0.00	48.16 2.08 0.00	49.28 2.12 0.00	52.15 2.25 0.00	63.41 2.90 0.00	82.17 3.91 0.00	100.00 4.67 0.00	87.47 4.16 0.00	80.19 3.53 0.00	70.35 2.77 0.00	62.70 2.76 0.00	57.89 2.60 0.00	55.01 2.12 0.00
EIGHT_POINT___WT_PWR 323820	54.51 1.54 0.00	52.43 1.82 0.00	50.95 1.77 0.00	51.92 2.05 0.00	52.10 1.52 0.00	53.90 0.38 0.00	75.05 0.38 0.00	87.24 -0.79 0.00	60.33 -1.61 0.00	54.78 -0.72 0.00	47.15 -0.33 0.00	46.24 -0.61 0.00	45.63 -0.46 0.00	46.50 -0.66 0.00	48.41 -1.50 0.00	58.51 -2.00 0.00	75.57 -2.66 0.03	92.64 -2.67 0.02	80.95 -2.33 0.02	74.48 -2.15 0.03	66.36 -1.21 0.00	57.73 -2.22 0.00	53.74 -1.55 0.00	53.05 0.16 0.00
ELBRIDGE_115KV_TB2 80188	52.50 -0.48 0.00	50.15 -0.46 0.00	48.69 -0.49 0.00	49.48 -0.40 0.00	49.98 -0.61 0.00	52.83 -0.70 0.00	73.70 -0.97 0.00	86.89 -1.14 0.00	61.01 -0.93 0.00	54.61 -0.89 0.00	46.72 -0.76 0.00	46.05 -0.80 0.00	45.35 -0.74 0.00	46.40 -0.75 0.00	49.05 -0.85 0.00	59.48 -1.03 0.00	76.93 -1.33 0.00	93.81 -1.53 0.00	81.97 -1.33 0.00	75.43 -1.23 0.00	66.63 -0.95 0.00	58.93 -1.02 0.00	54.35 -0.94 0.00	51.94 -0.95 0.00
ELEC_TRO_TEK 24086	56.21 3.23 0.00	53.29 2.68 0.00	51.79 2.61 0.00	52.42 2.54 0.00	53.47 2.88 0.00	56.84 3.32 0.00	78.03 3.36 0.00	91.99 3.96 0.00	66.09 4.15 0.00	60.39 4.88 -0.01	54.56 4.18 -2.90	54.81 4.08 -3.89	54.67 3.96 -4.61	54.49 3.96 -3.38	56.37 4.09 -2.38	65.79 5.26 -0.01	84.85 6.57 -0.01	103.26 7.91 -0.01	90.23 6.91 -0.01	82.50 5.83 -0.01	72.31 4.73 0.00	64.63 4.68 -0.01	58.94 3.65 0.00	56.86 3.97 0.00
ELLENBURG_WT_PWR 323604	52.61 -0.37 0.00	50.35 -0.25 0.00	48.98 -0.20 0.00	49.58 -0.30 0.00	50.74 0.15 0.00	53.04 -0.48 0.00	73.03 -1.64 0.00	86.35 -1.68 0.00	60.95 -0.99 0.00	54.23 -1.27 0.00	46.68 -0.81 0.00	46.09 -0.75 0.00	45.12 -0.97 0.00	46.73 -0.43 0.00	49.75 -0.15 0.00	59.12 -1.39 0.00	76.46 -1.80 0.00	93.04 -2.29 0.00	80.89 -2.42 0.00	75.43 -1.23 0.00	66.83 -0.74 0.00	58.98 -0.96 0.00	55.13 -0.17 0.00	53.53 0.64 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	53.08 0.11 0.00	50.96 0.35 0.00	49.62 0.44 0.00	50.52 0.65 0.00	50.33 -0.25 0.00	51.81 -1.71 0.00	71.31 -3.36 0.00	82.92 -5.11 0.00	57.85 -4.09 0.00	53.06 -2.44 0.00	45.63 -1.85 0.00	44.97 -1.87 0.00	44.43 -1.66 0.00	45.27 -1.89 0.00	46.91 -2.99 0.00	56.33 -4.18 0.00	72.61 -5.63 0.01	88.84 -6.48 0.01	77.63 -5.66 0.01	71.13 -5.52 0.01	63.86 -3.72 0.00	55.51 -4.44 0.00	51.75 -3.54 0.00	49.99 -2.91 0.00
EMPIRE_CC_1 323656	53.56 0.58 0.00	51.22 0.61 0.00	49.72 0.54 0.00	50.42 0.55 0.00	51.24 0.66 0.00	54.27 0.75 0.00	75.57 0.90 0.00	89.09 1.06 0.00	62.81 0.87 0.00	55.94 0.44 0.00	47.58 0.10 0.00	47.13 0.28 0.00	46.46 0.37 0.00	47.49 0.33 0.00	50.50 0.60 0.00	61.29 0.78 0.00	79.44 1.18 0.00	96.57 1.24 0.00	84.56 1.25 0.00	77.96 1.30 0.00	68.59 1.02 0.00	60.96 1.02 0.00	56.17 0.88 0.00	53.58 0.69 0.00
EMPIRE_CC_2 323658	53.56 0.58 0.00	51.22 0.61 0.00	49.72 0.54 0.00	50.42 0.55 0.00	51.24 0.66 0.00	54.27 0.75 0.00	75.57 0.90 0.00	89.09 1.06 0.00	62.81 0.87 0.00	55.94 0.44 0.00	47.58 0.10 0.00	47.13 0.28 0.00	46.46 0.37 0.00	47.49 0.33 0.00	50.50 0.60 0.00	61.29 0.78 0.00	79.44 1.18 0.00	96.57 1.24 0.00	84.56 1.25 0.00	77.96 1.30 0.00	68.59 1.02 0.00	60.96 1.02 0.00	56.17 0.88 0.00	53.58 0.69 0.00
ENORWICH_115KV_TB1 80156	57.32 4.34 0.00	54.71 4.10 0.00	53.16 3.98 0.00	53.96 4.09 0.00	54.48 3.90 0.00	57.80 4.28 0.00	81.54 6.87 0.00	96.30 8.27 0.00	66.65 4.71 0.00	59.05 3.55 0.00	50.00 2.52 0.00	49.09 2.25 0.00	48.30 2.21 0.00	49.47 2.31 0.00	52.40 2.50 0.00	64.44 3.93 0.00	84.22 5.95 -0.01	103.15 7.82 -0.01	90.31 7.00 -0.01	83.19 6.52 -0.01	73.25 5.68 0.00	64.62 4.68 0.00	59.27 3.98 0.00	56.44 3.54 0.00
ERIE_ST__34_KV_TB1-2 80199	53.50 0.53 0.00	51.37 0.76 0.00	49.97 0.79 0.00	50.92 1.05 0.00	50.69 0.10 0.00	52.40 -1.12 0.00	72.51 -2.17 0.00	84.42 -3.61 0.00	58.66 -3.28 0.00	53.84 -1.67 0.00	46.34 -1.14 0.00	45.67 -1.17 0.00	45.12 -0.97 0.00	45.93 -1.23 0.00	47.51 -2.40 0.00	57.18 -3.33 0.00	74.10 -4.15 0.02	90.17 -5.15 0.01	78.88 -4.42 0.01	72.66 -3.99 0.02	64.74 -2.84 0.00	56.23 -3.72 0.00	52.36 -2.93 0.00	50.51 -2.38 0.00
ERIE_WT_PWR 323693	53.40 0.42 0.00	51.31 0.71 0.00	49.92 0.74 0.00	50.82 0.95 0.00	51.04 0.45 0.00	52.19 -1.34 0.00	71.99 -2.69 0.00	83.72 -4.31 0.00	58.34 -3.59 0.00	53.50 -2.00 0.00	46.25 -1.23 0.00	45.39 -1.45 0.00	44.75 -1.34 0.00	45.65 -1.51 0.00	47.21 -2.70 0.00	56.94 -3.57 0.00	73.32 -4.93 0.02	89.99 -5.34 0.01	78.55 -4.74 0.01	71.82 -4.83 0.02	64.40 -3.17 0.00	56.17 -3.77 0.00	52.20 -3.10 0.00	52.00 -0.90 0.00
ESPRGFLD_115KV_TB1 80157	53.08 0.11 0.00	50.66 0.05 0.00	49.23 0.05 0.00	49.92 0.05 0.00	50.64 0.05 0.00	53.63 0.11 0.00	75.42 0.75 0.00	88.73 0.70 0.00	61.26 -0.68 0.00	54.22 -1.28 0.00	46.20 -1.28 0.00	45.53 -1.31 0.00	44.75 -1.34 0.00	45.79 -1.37 0.00	48.65 -1.25 0.00	60.03 -0.48 0.00	78.65 0.39 0.00	96.09 0.76 0.00	83.97 0.67 0.00	77.43 0.77 0.00	68.05 0.47 0.00	60.48 0.54 0.00	55.40 0.11 0.00	52.89 0.00 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	54.19 1.22 0.00	51.82 1.21 0.00	50.31 1.13 0.00	51.12 1.25 0.00	51.65 1.06 0.00	54.59 1.07 0.00	76.39 1.72 0.00	89.97 1.94 0.00	62.93 0.99 0.00	56.28 0.78 0.00	48.05 0.57 0.00	47.27 0.42 0.00	46.60 0.51 0.00	47.68 0.52 0.00	50.40 0.50 0.00	61.30 0.79 0.00	79.54 1.25 -0.03	97.06 1.72 -0.01	84.90 1.58 -0.01	78.22 1.53 -0.03	68.93 1.35 0.00	60.84 0.90 0.00	56.07 0.77 0.00	53.53 0.63 0.00
ETNA____115KV_TB2 80207	54.19 1.22 0.00	51.82 1.21 0.00	50.31 1.13 0.00	51.12 1.25 0.00	51.65 1.06 0.00	54.59 1.07 0.00	76.39 1.72 0.00	89.97 1.94 0.00	62.93 0.99 0.00	56.28 0.78 0.00	48.05 0.57 0.00	47.27 0.42 0.00	46.60 0.51 0.00	47.68 0.52 0.00	50.40 0.50 0.00	61.30 0.79 0.00	79.54 1.25 -0.03	97.06 1.72 -0.01	84.90 1.58 -0.01	78.22 1.53 -0.03	68.93 1.35 0.00	60.84 0.90 0.00	56.07 0.77 0.00	53.53 0.63 0.00
EUCLID___115KV_TB2 356179	52.13 -0.85 0.00	49.85 -0.76 0.00	48.39 -0.79 0.00	49.13 -0.75 0.00	49.67 -0.91 0.00	52.45 -1.07 0.00	73.18 -1.49 0.00	86.27 -1.76 0.00	60.64 -1.30 0.00	54.33 -1.17 0.00	46.49 -1.00 0.00	45.86 -0.98 0.00	45.17 -0.92 0.00	46.17 -0.99 0.00	48.80 -1.10 0.00	59.12 -1.39 0.00	76.46 -1.80 0.00	93.23 -2.10 0.00	81.47 -1.83 0.00	74.90 -1.76 0.00	66.16 -1.42 0.00	58.57 -1.38 0.00	54.02 -1.27 0.00	51.68 -1.22 0.00
E_CANADA_CAP_HY 24051	52.39 -0.58 0.00	50.10 -0.51 0.00	48.64 -0.54 0.00	49.33 -0.55 0.00	50.13 -0.46 0.00	52.99 -0.54 0.00	74.37 -0.30 0.00	87.42 -0.61 0.00	59.59 -2.35 0.00	52.23 -3.27 0.00	44.30 -3.18 0.00	43.80 -3.04 0.00	43.05 -3.04 0.00	44.04 -3.11 0.00	47.01 -2.90 0.00	58.51 -2.00 0.00	77.40 -0.86 0.00	94.76 -0.57 0.00	82.89 -0.41 0.00	76.51 -0.15 0.00	67.24 -0.34 0.00	59.88 -0.06 0.00	54.79 -0.50 0.00	52.26 -0.63 0.00
E_CANADA_MHWK_HY 24050	57.95 4.98 0.00	55.36 4.76 0.00	53.80 4.62 0.00	54.51 4.64 0.00	55.29 4.71 0.00	58.44 4.92 0.00	81.69 7.02 0.00	96.12 8.09 0.00	67.45 5.51 0.00	60.44 4.94 0.00	51.71 4.22 0.00	50.97 4.12 0.00	50.10 4.01 0.00	51.21 4.06 0.00	54.19 4.29 0.00	65.84 5.33 0.00	85.31 7.05 0.00	103.91 8.58 0.00	90.88 7.58 0.00	83.64 6.98 0.00	73.79 6.21 0.00	65.46 5.51 0.00	60.38 5.08 0.00	57.87 4.97 0.00
E_FISHKILL___LBMP 23776	54.67 1.70 0.00	52.12 1.52 0.00	50.70 1.52 0.00	51.42 1.55 0.00	52.30 1.72 0.00	55.55 2.03 0.00	77.73 3.06 0.00	91.64 3.61 0.00	64.91 2.97 0.00	58.44 2.94 0.00	50.29 2.80 0.00	49.56 2.72 0.00	48.72 2.63 0.00	49.80 2.64 0.00	52.60 2.69 0.00	63.72 3.21 0.00	82.17 3.91 0.00	100.00 4.67 0.00	87.39 4.08 0.00	80.19 3.53 0.00	70.21 2.64 0.00	62.64 2.70 0.00	57.61 2.32 0.00	55.12 2.22 0.00
FALCON___SEABRD_CC1 323796	52.92 -0.05 0.00	50.71 0.10 0.00	49.33 0.15 0.00	49.87 0.00 0.00	51.09 0.51 0.00	53.04 -0.48 0.00	72.66 -2.01 0.00	86.01 -2.02 0.00	60.70 -1.24 0.00	54.23 -1.27 0.00	46.68 -0.81 0.00	46.09 -0.75 0.00	45.12 -0.97 0.00	46.78 -0.38 0.00	49.80 -0.10 0.00	58.82 -1.69 0.00	76.15 -2.11 0.00	92.76 -2.57 0.00	80.56 -2.75 0.00	75.20 -1.46 0.00	66.56 -1.01 0.00	58.68 -1.26 0.00	55.13 -0.17 0.00	53.95 1.06 0.00
FALCON___SEABRD_CC2 323797	52.92 -0.05 0.00	50.71 0.10 0.00	49.33 0.15 0.00	49.87 0.00 0.00	51.09 0.51 0.00	53.04 -0.48 0.00	72.66 -2.01 0.00	86.01 -2.02 0.00	60.70 -1.24 0.00	54.23 -1.27 0.00	46.68 -0.81 0.00	46.09 -0.75 0.00	45.12 -0.97 0.00	46.78 -0.38 0.00	49.80 -0.10 0.00	58.82 -1.69 0.00	76.15 -2.11 0.00	92.76 -2.57 0.00	80.56 -2.75 0.00	75.20 -1.46 0.00	66.56 -1.01 0.00	58.68 -1.26 0.00	55.13 -0.17 0.00	53.95 1.06 0.00

FAR ROCKAWAY___4 23548	56.95 3.97 0.00	54.00 3.39 0.00	52.47 3.30 0.00	53.07 3.19 0.00	54.13 3.54 0.00	57.54 4.01 0.00	79.00 4.33 0.00	93.14 5.11 0.00	66.83 4.89 0.00	61.11 5.61 -0.01	55.55 4.89 -3.18	55.89 4.78 -4.26	55.80 4.65 -5.06	55.53 4.67 -3.70	57.35 4.84 -2.60	66.82 6.29 -0.01	86.18 7.90 -0.01	104.88 9.53 -0.01	91.65 8.33 -0.01	83.80 7.13 -0.01	73.39 5.81 0.00	65.59 5.63 -0.01	59.66 4.37 0.00	57.60 4.71 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	55.25 2.28 0.00	52.63 2.02 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.70 4.03 0.00	92.87 4.84 0.00	66.03 4.09 0.00	65.12 4.05 -5.57	60.14 3.85 -8.80	59.28 3.75 -8.68	57.16 3.69 -7.38	55.26 3.68 -4.42	58.61 3.74 -4.97	64.88 4.36 -0.02	83.58 5.32 0.00	101.72 6.39 0.00	88.80 5.50 0.00	81.34 4.68 0.00	71.02 3.45 0.00	63.54 3.60 0.00	58.50 3.21 0.00	55.91 3.01 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	55.25 2.28 0.00	52.63 2.02 0.00	51.29 2.11 0.00	52.02 2.14 0.00	52.91 2.33 0.00	56.30 2.78 0.00	78.70 4.03 0.00	92.87 4.84 0.00	66.03 4.09 0.00	65.17 4.11 -5.57	60.14 3.85 -8.80	59.28 3.75 -8.68	57.16 3.69 -7.38	55.26 3.68 -4.42	58.61 3.74 -4.97	64.94 4.42 -0.02	83.58 5.32 0.00	101.72 6.39 0.00	88.80 5.50 0.00	81.41 4.75 0.00	71.09 3.51 0.00	63.60 3.66 0.00	58.50 3.21 0.00	55.91 3.01 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	55.25 2.28 0.00	52.58 1.97 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.70 4.03 0.00	92.87 4.84 0.00	65.97 4.03 0.00	65.12 4.05 -5.57	60.14 3.85 -8.80	59.28 3.75 -8.68	57.11 3.64 -7.38	55.21 3.63 -4.42	58.56 3.69 -4.97	64.88 4.36 -0.02	83.50 5.24 0.00	101.72 6.39 0.00	88.72 5.41 0.00	81.34 4.68 0.00	71.02 3.45 0.00	63.54 3.60 0.00	58.44 3.15 0.00	55.86 2.96 0.00
FARRAGUT___LBMP 323566	55.20 2.22 0.00	52.58 1.97 0.00	51.20 2.02 0.00	51.92 2.04 0.00	52.86 2.28 0.00	56.20 2.68 0.00	78.63 3.96 0.00	92.78 4.75 0.00	65.90 3.96 0.00	65.06 4.00 -5.57	60.09 3.80 -8.80	59.23 3.70 -8.68	57.11 3.64 -7.38	55.16 3.58 -4.42	58.56 3.69 -4.97	64.82 4.30 -0.02	83.43 5.17 0.00	101.62 6.29 0.00	88.64 5.33 0.00	81.26 4.60 0.00	70.96 3.38 0.00	63.48 3.54 0.00	58.39 3.10 0.00	55.86 2.96 0.00
FENNER___WINDPWR 24204	54.19 1.22 0.00	51.77 1.16 0.00	50.31 1.13 0.00	51.02 1.15 0.00	51.70 1.11 0.00	54.75 1.23 0.00	76.61 1.94 0.00	90.49 2.46 0.00	63.30 1.36 0.00	56.55 1.05 0.00	48.24 0.76 0.00	47.50 0.66 0.00	46.73 0.64 0.00	47.87 0.71 0.00	50.65 0.75 0.00	61.66 1.15 0.00	79.91 1.65 -0.01	97.43 2.09 0.00	85.14 1.83 0.00	78.43 1.76 -0.01	69.13 1.56 0.00	61.26 1.32 0.00	56.40 1.11 0.00	53.90 1.00 0.00
FIBERTEK___ENERGY 23856	52.76 -0.21 0.00	50.40 -0.20 0.00	48.93 -0.25 0.00	49.68 -0.20 0.00	50.23 -0.35 0.00	53.09 -0.43 0.00	74.15 -0.52 0.00	87.41 -0.62 0.00	61.38 -0.56 0.00	54.95 -0.56 0.00	47.01 -0.47 0.00	46.33 -0.52 0.00	45.63 -0.46 0.00	46.69 -0.47 0.00	49.35 -0.55 0.00	59.84 -0.67 0.00	77.40 -0.86 0.00	94.38 -0.95 0.00	82.47 -0.83 0.00	75.89 -0.77 0.00	67.04 -0.54 0.00	59.29 -0.66 0.00	54.68 -0.61 0.00	52.21 -0.69 0.00
FITZPATRICK___ 23598	51.33 -1.64 0.00	49.04 -1.57 0.00	47.65 -1.52 0.00	48.33 -1.55 0.00	48.96 -1.62 0.00	51.70 -1.82 0.00	72.06 -2.62 0.00	84.95 -3.08 0.00	59.71 -2.23 0.00	53.50 -2.00 0.00	45.78 -1.71 0.00	45.11 -1.73 0.00	44.43 -1.66 0.00	45.46 -1.70 0.00	48.06 -1.85 0.00	58.27 -2.24 0.00	75.29 -2.97 0.00	91.80 -3.53 0.00	80.22 -3.08 0.00	73.83 -2.83 0.00	65.21 -2.37 0.00	57.73 -2.22 0.00	53.25 -2.04 0.00	51.04 -1.85 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	55.31 2.33 0.00	52.68 2.07 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.86 2.28 0.00	56.20 2.68 0.00	78.78 4.11 0.00	92.87 4.84 0.00	65.66 3.72 0.00	59.00 3.50 0.00	50.57 3.09 0.00	49.80 2.95 0.00	48.95 2.86 0.00	50.03 2.88 0.00	52.90 2.99 0.00	64.26 3.75 0.00	83.04 4.77 0.00	101.05 5.72 0.00	88.30 5.00 0.00	80.95 4.29 0.00	70.96 3.38 0.00	63.30 3.36 0.00	58.33 3.04 0.00	55.75 2.86 0.00
FORT ORANGE___ 23900	53.29 0.32 0.00	50.91 0.31 0.00	49.48 0.30 0.00	50.13 0.25 0.00	50.94 0.36 0.00	53.95 0.43 0.00	75.27 0.59 0.00	88.73 0.70 0.00	62.43 0.49 0.00	55.72 0.22 0.00	47.63 0.14 0.00	47.13 0.28 0.00	46.41 0.32 0.00	47.44 0.28 0.00	50.30 0.40 0.00	61.05 0.54 0.00	79.12 0.86 0.00	96.38 1.05 0.00	84.31 1.00 0.00	77.65 0.99 0.00	68.32 0.74 0.00	60.67 0.72 0.00	55.85 0.55 0.00	53.27 0.37 0.00
FORT_DRUM_COGEN 23780	53.82 0.85 0.00	51.31 0.71 0.00	49.92 0.74 0.00	50.52 0.65 0.00	51.24 0.66 0.00	54.32 0.80 0.00	76.31 1.64 0.00	90.32 2.29 0.00	62.68 0.74 0.00	55.39 -0.11 0.00	46.87 -0.62 0.00	46.05 -0.80 0.00	45.26 -0.83 0.00	46.45 -0.71 0.00	49.30 -0.60 0.00	60.27 -0.24 0.00	78.34 0.08 0.00	96.38 1.05 0.00	84.55 1.25 0.00	78.19 1.53 0.00	69.13 1.55 0.00	61.32 1.38 0.00	56.34 1.05 0.00	53.58 0.69 0.00
FOX_HILLS___ESR 323835	55.79 2.81 -0.01	53.20 2.58 -0.01	52.04 2.85 -0.01	52.78 2.89 -0.01	53.68 3.09 -0.01	56.90 3.37 -0.01	78.48 3.81 0.00	92.43 4.40 0.00	65.59 3.65 0.00	64.13 3.05 -5.57	59.34 3.04 -8.81	58.49 2.95 -8.69	56.38 2.90 -7.39	54.46 2.88 -4.43	57.82 2.94 -4.97	64.70 4.18 -0.02	83.11 4.85 0.00	101.34 6.01 0.00	88.47 5.16 0.00	81.03 4.37 0.00	70.62 3.04 0.00	63.48 3.54 0.00	58.94 3.65 0.00	56.61 3.70 -0.01
FPL_FAR_ROCK_GT1 24212	56.95 3.98 0.00	54.00 3.39 0.00	52.47 3.30 0.00	53.07 3.19 0.00	54.03 3.44 0.00	57.54 4.02 0.00	79.00 4.33 0.00	93.13 5.10 0.00	66.64 4.71 0.00	61.17 5.66 -0.01	55.51 4.85 -3.18	55.89 4.78 -4.26	55.80 4.65 -5.06	55.53 4.67 -3.70	57.34 4.84 -2.60	66.76 6.23 -0.01	86.18 7.90 -0.01	104.88 9.53 -0.01	91.65 8.33 -0.01	83.81 7.13 -0.01	73.39 5.81 0.00	65.59 5.63 -0.01	59.83 4.53 0.00	56.38 3.49 0.00
FPL_FAR_ROCK_GT2 23815	56.95 3.98 0.00	54.00 3.39 0.00	52.47 3.30 0.00	53.07 3.19 0.00	54.03 3.44 0.00	57.54 4.02 0.00	79.00 4.33 0.00	93.13 5.10 0.00	66.64 4.71 0.00	61.17 5.66 -0.01	55.51 4.85 -3.18	55.89 4.78 -4.26	55.80 4.65 -5.06	55.53 4.67 -3.70	57.34 4.84 -2.60	66.76 6.23 -0.01	86.18 7.90 -0.01	104.88 9.53 -0.01	91.65 8.33 -0.01	83.81 7.13 -0.01	73.39 5.81 0.00	65.59 5.63 -0.01	59.83 4.53 0.00	56.38 3.49 0.00
FRANKLIN_FALL_HYD 24054	53.40 0.42 0.00	51.16 0.56 0.00	49.72 0.54 0.00	50.32 0.45 0.00	51.60 1.01 0.00	54.00 0.48 0.00	74.45 -0.22 0.00	88.12 0.09 0.00	62.12 0.19 0.00	55.94 0.44 0.00	47.34 -0.14 0.00	46.75 -0.09 0.00	45.67 -0.41 0.00	47.44 0.28 0.00	50.50 0.60 0.00	59.96 -0.54 0.00	77.56 -0.70 0.00	94.66 -0.67 0.00	82.55 -0.75 0.00	76.74 0.08 0.00	67.98 0.41 0.00	60.36 0.42 0.00	56.62 1.33 0.00	54.27 1.38 0.00



FREEPORT_EQUS_GT1 23764	56.63 3.65 0.00	53.59 2.99 0.00	52.08 2.90 0.00	52.72 2.84 0.00	53.72 3.14 0.00	57.16 3.64 0.00	78.40 3.73 0.00	92.43 4.40 0.00	66.21 4.27 0.00	60.78 5.28 -0.01	55.14 4.51 -3.14	55.51 4.45 -4.21	55.41 4.33 -4.99	55.20 4.39 -3.65	57.01 4.54 -2.57	66.27 5.75 -0.01	85.63 7.35 -0.01	104.21 8.87 -0.01	91.07 7.75 -0.01	83.34 6.67 -0.01	72.91 5.34 0.00	65.16 5.21 -0.01	59.49 4.20 0.00	56.01 3.12 0.00
FREEPORT___CT2 23818	56.63 3.65 0.00	53.59 2.99 0.00	52.08 2.90 0.00	52.72 2.84 0.00	53.72 3.14 0.00	57.16 3.64 0.00	78.40 3.73 0.00	92.43 4.40 0.00	66.21 4.27 0.00	60.78 5.28 -0.01	55.14 4.51 -3.14	55.51 4.45 -4.21	55.41 4.33 -4.99	55.20 4.39 -3.65	57.01 4.54 -2.57	66.27 5.75 -0.01	85.63 7.35 -0.01	104.21 8.87 -0.01	91.07 7.75 -0.01	83.34 6.67 -0.01	72.91 5.34 0.00	65.16 5.21 -0.01	59.49 4.20 0.00	56.01 3.12 0.00
FRESHKLS_33_KV_LOAD 356253	56.06 3.07 -0.01	53.40 2.78 -0.01	52.29 3.10 -0.01	53.02 3.14 -0.01	53.93 3.34 -0.01	57.12 3.59 -0.01	78.48 3.81 0.00	92.43 4.40 0.00	65.53 3.59 0.00	64.02 2.94 -5.57	59.24 2.94 -8.81	58.39 2.86 -8.69	56.29 2.81 -7.39	54.37 2.78 -4.43	57.72 2.84 -4.97	64.64 4.11 -0.02	83.11 4.85 0.00	101.34 6.01 0.00	88.47 5.16 0.00	81.03 4.37 0.00	70.62 3.04 0.00	63.48 3.54 0.00	59.05 3.76 0.00	56.76 3.86 -0.01
FULTON COGEN____ 23766	51.81 -1.17 0.00	49.49 -1.11 0.00	48.05 -1.13 0.00	48.78 -1.10 0.00	49.37 -1.21 0.00	52.18 -1.34 0.00	72.80 -1.87 0.00	85.92 -2.11 0.00	60.33 -1.61 0.00	54.06 -1.44 0.00	46.20 -1.28 0.00	45.53 -1.31 0.00	44.84 -1.24 0.00	45.88 -1.27 0.00	48.51 -1.40 0.00	58.88 -1.63 0.00	76.15 -2.11 0.00	92.85 -2.48 0.00	81.14 -2.17 0.00	74.67 -1.99 0.00	65.89 -1.69 0.00	58.33 -1.62 0.00	53.74 -1.55 0.00	51.36 -1.53 0.00
FULTON___LFGE 323630	53.98 1.00 0.00	51.67 1.06 0.00	50.16 0.98 0.00	50.87 1.00 0.00	51.65 1.06 0.00	54.75 1.23 0.00	76.91 2.24 0.00	90.41 2.38 0.00	61.75 -0.19 0.00	54.06 -1.44 0.00	45.82 -1.66 0.00	45.21 -1.64 0.00	44.47 -1.61 0.00	45.55 -1.60 0.00	48.76 -1.15 0.00	60.63 0.12 0.00	80.06 1.80 0.00	97.91 2.57 0.00	85.63 2.33 0.00	79.04 2.38 0.00	69.54 1.96 0.00	61.74 1.80 0.00	56.57 1.27 0.00	54.01 1.11 0.00
G.F.CEMENT___DRP 24184	56.31 3.34 0.00	54.00 3.39 0.00	52.38 3.20 0.00	53.07 3.19 0.00	53.92 3.34 0.00	57.32 3.80 0.00	80.27 5.60 0.00	94.81 6.78 0.00	65.84 3.90 0.00	58.33 2.83 0.00	49.62 2.14 0.00	48.95 2.11 0.00	48.12 2.03 0.00	49.14 1.98 0.00	52.30 2.40 0.00	64.08 3.57 0.00	83.50 5.24 0.00	102.00 6.67 0.00	89.14 5.83 0.00	82.26 5.60 0.00	72.64 5.07 0.00	64.26 4.32 0.00	59.05 3.76 0.00	56.60 3.70 0.00
GARDENVILLE___LBMP 24039	53.29 0.32 0.00	51.16 0.56 0.00	49.77 0.59 0.00	50.72 0.85 0.00	50.53 -0.05 0.00	52.08 -1.45 0.00	71.76 -2.91 0.00	83.45 -4.58 0.00	58.10 -3.84 0.00	53.28 -2.22 0.00	45.77 -1.71 0.00	45.16 -1.69 0.00	44.61 -1.47 0.00	45.46 -1.70 0.00	47.06 -2.84 0.00	56.58 -3.93 0.00	73.00 -5.24 0.02	89.32 -6.01 0.01	78.05 -5.25 0.01	71.58 -5.06 0.02	64.13 -3.45 0.00	55.75 -4.20 0.00	51.98 -3.32 0.00	50.14 -2.75 0.00
GARDNVLA_35_KV_LD 355827	53.56 0.58 0.00	51.42 0.81 0.00	50.02 0.84 0.00	50.97 1.10 0.00	50.74 0.15 0.00	52.34 -1.18 0.00	72.13 -2.54 0.00	83.98 -4.05 0.00	58.47 -3.47 0.00	53.67 -1.83 0.00	46.15 -1.33 0.00	45.49 -1.36 0.00	44.94 -1.15 0.00	45.79 -1.37 0.00	47.36 -2.55 0.00	57.00 -3.51 0.00	73.55 -4.70 0.02	89.89 -5.43 0.01	78.55 -4.75 0.01	72.05 -4.60 0.02	64.54 -3.04 0.00	56.11 -3.84 0.00	52.31 -2.99 0.00	50.46 -2.43 0.00
GELCKHM___115KV_LOAD 80723	52.34 -0.64 0.00	50.05 -0.56 0.00	48.59 -0.59 0.00	49.33 -0.55 0.00	49.88 -0.71 0.00	52.72 -0.80 0.00	73.55 -1.12 0.00	86.71 -1.32 0.00	60.89 -1.05 0.00	54.56 -0.94 0.00	46.68 -0.81 0.00	46.05 -0.80 0.00	45.35 -0.74 0.00	46.36 -0.80 0.00	49.00 -0.90 0.00	59.42 -1.09 0.00	76.85 -1.41 0.00	93.71 -1.62 0.00	81.80 -1.50 0.00	75.28 -1.38 0.00	66.50 -1.08 0.00	58.81 -1.14 0.00	54.24 -1.05 0.00	51.89 -1.01 0.00
GENERAL___MILLS 23808	53.40 0.42 0.00	51.26 0.66 0.00	49.87 0.69 0.00	50.82 0.95 0.00	50.58 0.00 0.00	52.18 -1.34 0.00	71.91 -2.76 0.00	83.63 -4.40 0.00	58.22 -3.72 0.00	53.45 -2.05 0.00	45.96 -1.52 0.00	45.30 -1.55 0.00	44.75 -1.34 0.00	45.60 -1.56 0.00	47.21 -2.69 0.00	56.76 -3.75 0.00	73.24 -5.01 0.02	89.51 -5.82 0.01	78.21 -5.08 0.01	71.82 -4.83 0.02	64.27 -3.31 0.00	55.87 -4.08 0.00	52.09 -3.21 0.00	50.30 -2.59 0.00
GE_PLASTICS___DRP 24183	53.45 0.48 0.00	51.06 0.46 0.00	49.62 0.44 0.00	50.32 0.45 0.00	51.14 0.56 0.00	54.16 0.64 0.00	75.49 0.82 0.00	89.09 1.06 0.00	62.68 0.74 0.00	56.00 0.50 0.00	47.91 0.43 0.00	47.36 0.52 0.00	46.60 0.51 0.00	47.68 0.52 0.00	50.50 0.60 0.00	61.30 0.79 0.00	79.36 1.10 0.00	96.57 1.24 0.00	84.47 1.17 0.00	77.73 1.07 0.00	68.45 0.88 0.00	60.78 0.84 0.00	56.01 0.72 0.00	53.64 0.74 0.00
GILBOA___1 23756	53.87 0.90 0.00	51.47 0.86 0.00	50.01 0.84 0.00	50.72 0.85 0.00	51.44 0.86 0.00	54.59 1.07 0.00	76.24 1.57 0.00	89.88 1.85 0.00	63.36 1.43 0.00	56.83 1.33 0.00	48.62 1.14 0.00	47.97 1.12 0.00	47.19 1.10 0.00	48.29 1.13 0.00	51.10 1.20 0.00	61.96 1.45 0.00	80.06 1.80 0.00	97.24 1.91 0.00	84.97 1.67 0.00	78.27 1.61 0.00	69.00 1.42 0.00	61.32 1.38 0.00	56.51 1.21 0.00	53.90 1.00 0.00
GILBOA___2 23757	53.87 0.90 0.00	51.47 0.86 0.00	50.01 0.84 0.00	50.72 0.85 0.00	51.44 0.86 0.00	54.59 1.07 0.00	76.24 1.57 0.00	89.88 1.85 0.00	63.36 1.43 0.00	56.83 1.33 0.00	48.62 1.14 0.00	47.97 1.12 0.00	47.19 1.10 0.00	48.29 1.13 0.00	51.10 1.20 0.00	61.96 1.45 0.00	80.06 1.80 0.00	97.24 1.91 0.00	84.97 1.67 0.00	78.27 1.61 0.00	69.00 1.42 0.00	61.32 1.38 0.00	56.51 1.21 0.00	53.90 1.00 0.00
GILBOA___3 23758	53.87 0.90 0.00	51.47 0.86 0.00	50.01 0.84 0.00	50.72 0.85 0.00	51.44 0.86 0.00	54.59 1.07 0.00	76.24 1.57 0.00	89.88 1.85 0.00	63.36 1.43 0.00	56.83 1.33 0.00	48.62 1.14 0.00	47.97 1.12 0.00	47.19 1.10 0.00	48.29 1.13 0.00	51.10 1.20 0.00	61.96 1.45 0.00	80.06 1.80 0.00	97.24 1.91 0.00	84.97 1.67 0.00	78.27 1.61 0.00	69.00 1.42 0.00	61.32 1.38 0.00	56.51 1.21 0.00	53.90 1.00 0.00
GILBOA___4 23759	53.87 0.90 0.00	51.47 0.86 0.00	50.01 0.84 0.00	50.72 0.85 0.00	51.44 0.86 0.00	54.59 1.07 0.00	76.24 1.57 0.00	89.88 1.85 0.00	63.36 1.43 0.00	56.83 1.33 0.00	48.62 1.14 0.00	47.97 1.12 0.00	47.19 1.10 0.00	48.29 1.13 0.00	51.10 1.20 0.00	61.96 1.45 0.00	80.06 1.80 0.00	97.24 1.91 0.00	84.97 1.67 0.00	78.27 1.61 0.00	69.00 1.42 0.00	61.32 1.38 0.00	56.51 1.21 0.00	53.90 1.00 0.00

GILBOA____ 23599	53.88 0.90 0.00	51.47 0.86 0.00	50.02 0.84 0.00	50.72 0.85 0.00	51.50 0.91 0.00	54.59 1.07 0.00	76.24 1.57 0.00	89.88 1.85 0.00	63.36 1.42 0.00	56.78 1.28 0.00	48.62 1.14 0.00	48.02 1.17 0.00	47.20 1.11 0.00	48.29 1.13 0.00	51.10 1.20 0.00	61.96 1.45 0.00	80.06 1.80 0.00	97.14 1.81 0.00	84.97 1.67 0.00	78.27 1.61 0.00	69.00 1.42 0.00	61.32 1.38 0.00	56.51 1.22 0.00	54.06 1.16 0.00
GINNA____ 23603	50.43 -2.54 0.00	48.28 -2.33 0.00	46.92 -2.26 0.00	47.73 -2.14 0.00	48.16 -2.43 0.00	50.25 -3.27 0.00	69.82 -4.85 0.00	82.04 -5.99 0.00	57.60 -4.34 0.00	51.84 -3.66 0.00	44.44 -3.04 0.00	43.71 -3.14 0.00	43.00 -3.09 0.00	43.95 -3.21 0.00	46.21 -3.69 0.00	56.09 -4.41 0.00	72.38 -5.87 0.01	88.75 -6.58 0.00	77.30 -6.00 0.00	70.75 -5.90 0.01	63.19 -4.39 0.00	55.45 -4.50 0.00	51.20 -4.09 0.00	49.77 -3.12 0.00
GLEN PARK____ 23778	53.98 1.00 0.00	51.41 0.81 0.00	50.07 0.89 0.00	50.62 0.75 0.00	51.34 0.76 0.00	54.49 0.96 0.00	76.61 1.94 0.00	90.67 2.64 0.00	62.81 0.87 0.00	55.33 -0.17 0.00	46.87 -0.62 0.00	46.05 -0.80 0.00	45.21 -0.88 0.00	46.45 -0.71 0.00	49.25 -0.65 0.00	60.33 -0.18 0.00	78.58 0.31 0.00	96.76 1.43 0.00	84.81 1.50 0.00	78.58 1.92 0.00	69.47 1.89 0.00	61.50 1.56 0.00	56.40 1.11 0.00	53.79 0.90 0.00
GLENDALE_27_KV_LOAD 356172	55.46 2.49 0.00	52.83 2.23 0.00	51.70 2.51 -0.01	52.43 2.54 -0.01	53.37 2.78 -0.01	56.74 3.21 -0.01	78.93 4.26 0.00	93.14 5.11 0.00	66.15 4.21 0.00	65.19 4.05 -5.64	60.31 3.89 -8.93	59.40 3.75 -8.81	57.31 3.73 -7.49	55.37 3.73 -4.48	58.73 3.79 -5.04	65.18 4.66 -0.02	83.74 5.48 0.00	102.00 6.67 0.00	88.97 5.66 0.00	81.49 4.83 0.00	71.16 3.58 0.00	63.84 3.90 0.00	58.89 3.59 0.00	56.34 3.44 -0.01
GLENWOOD_IC_1_G5 23712	55.89 2.91 0.00	53.09 2.48 0.00	51.64 2.46 0.00	52.27 2.39 0.00	53.27 2.68 0.00	56.63 3.10 0.00	78.48 3.81 0.00	92.52 4.49 0.00	66.09 4.15 0.00	60.00 4.50 -0.01	54.14 4.08 -2.57	54.27 3.98 -3.44	54.09 3.92 -4.09	54.06 3.91 -2.99	56.05 4.04 -2.10	65.54 5.02 -0.01	84.46 6.18 -0.01	102.78 7.44 -0.01	89.81 6.50 -0.01	82.27 5.60 -0.01	71.90 4.32 0.00	64.27 4.32 -0.01	58.78 3.48 0.00	56.49 3.60 0.00
GLENWOOD_IC_2_G1 23688	55.47 2.49 0.00	52.73 2.13 0.00	51.34 2.16 0.00	52.02 2.14 0.00	52.86 2.28 0.00	56.30 2.78 0.00	78.33 3.66 0.00	92.34 4.31 0.00	65.72 3.78 0.00	59.55 4.05 0.00	51.19 3.71 0.00	50.45 3.61 0.00	49.59 3.50 0.00	50.70 3.54 0.00	53.54 3.64 0.00	64.87 4.36 0.00	83.66 5.40 0.00	101.90 6.57 0.00	88.97 5.67 0.00	81.49 4.83 0.00	71.29 3.71 0.00	63.66 3.72 0.00	58.50 3.21 0.00	55.49 2.59 0.00
GLENWOOD_IC_3_G1 23689	55.47 2.49 0.00	52.73 2.13 0.00	51.34 2.16 0.00	52.02 2.14 0.00	52.86 2.28 0.00	56.30 2.78 0.00	78.33 3.66 0.00	92.34 4.31 0.00	65.72 3.78 0.00	59.55 4.05 0.00	51.19 3.71 0.00	50.45 3.61 0.00	49.59 3.50 0.00	50.70 3.54 0.00	53.54 3.64 0.00	64.87 4.36 0.00	83.66 5.40 0.00	101.90 6.57 0.00	88.97 5.67 0.00	81.49 4.83 0.00	71.29 3.71 0.00	63.66 3.72 0.00	58.50 3.21 0.00	55.49 2.59 0.00
GLENWOOD____4 23550	55.89 2.91 0.00	53.09 2.48 0.00	51.64 2.46 0.00	52.27 2.39 0.00	53.27 2.68 0.00	56.63 3.10 0.00	78.48 3.81 0.00	92.52 4.49 0.00	66.09 4.15 0.00	60.00 4.50 -0.01	54.14 4.08 -2.57	54.27 3.98 -3.44	54.09 3.92 -4.09	54.06 3.91 -2.99	56.05 4.04 -2.10	65.54 5.02 -0.01	84.46 6.18 -0.01	102.78 7.44 -0.01	89.81 6.50 -0.01	82.27 5.60 -0.01	71.90 4.32 0.00	64.27 4.32 -0.01	58.78 3.48 0.00	56.49 3.60 0.00
GLENWOOD____5 23614	55.89 2.91 0.00	53.09 2.48 0.00	51.64 2.46 0.00	52.27 2.39 0.00	53.27 2.68 0.00	56.63 3.10 0.00	78.48 3.81 0.00	92.52 4.49 0.00	66.09 4.15 0.00	60.00 4.50 -0.01	54.14 4.08 -2.57	54.27 3.98 -3.44	54.09 3.92 -4.09	54.06 3.91 -2.99	56.05 4.04 -2.10	65.54 5.02 -0.01	84.46 6.18 -0.01	102.78 7.44 -0.01	89.81 6.50 -0.01	82.27 5.60 -0.01	71.90 4.32 0.00	64.27 4.32 -0.01	58.78 3.48 0.00	56.49 3.60 0.00
GLOBAL GREEN_PORT_GT1 23814	59.01 6.04 0.00	55.72 5.11 0.00	54.14 4.97 0.00	54.77 4.89 0.00	55.80 5.21 0.00	59.51 5.99 0.00	81.39 6.72 0.00	95.78 7.75 0.00	68.87 6.94 0.00	63.50 7.99 -0.01	62.71 7.27 -7.96	62.69 7.07 -8.77	62.61 6.87 -9.65	58.21 6.93 -4.11	66.00 7.34 -8.76	70.23 9.26 -0.46	90.21 11.89 -0.05	114.03 14.59 -4.12	96.02 12.66 -0.05	91.31 11.19 -3.46	76.43 8.85 0.00	68.45 8.45 -0.05	62.08 6.74 -0.04	58.23 5.34 0.00
GLOBE____DSASP 323697	52.18 -0.79 0.00	50.10 -0.51 0.00	48.83 -0.34 0.00	49.72 -0.15 0.00	49.52 -1.06 0.00	50.15 -3.37 0.00	68.55 -6.12 0.00	79.75 -8.27 0.00	55.81 -6.13 0.00	51.23 -4.27 0.00	44.02 -3.47 0.00	43.43 -3.42 0.00	42.95 -3.13 0.00	43.76 -3.40 0.00	45.31 -4.59 0.00	54.40 -6.11 0.00	69.80 -8.45 0.01	85.60 -9.72 0.01	74.72 -8.58 0.01	68.44 -8.20 0.01	61.63 -5.95 0.00	53.65 -6.29 0.00	50.10 -5.20 0.00	48.45 -4.44 0.00
GOETHSLN____LBMP 323567	54.99 2.01 0.00	52.33 1.72 0.00	51.00 1.82 0.00	51.72 1.85 0.00	52.61 2.02 0.00	55.98 2.46 0.00	78.33 3.66 0.00	92.43 4.40 0.00	65.66 3.72 0.00	64.90 3.83 -5.57	59.99 3.70 -8.80	59.14 3.61 -8.68	57.02 3.55 -7.38	55.11 3.54 -4.42	58.46 3.59 -4.97	64.58 4.05 -0.02	83.11 4.85 0.00	101.15 5.82 0.00	88.30 5.00 0.00	80.95 4.29 0.00	70.68 3.11 0.00	63.24 3.30 0.00	58.17 2.88 0.00	55.59 2.70 0.00
GOLAH____69_KV_TB 1_2 80279	53.29 0.32 0.00	51.06 0.46 0.00	49.67 0.49 0.00	50.52 0.65 0.00	50.58 0.00 0.00	52.72 -0.80 0.00	72.88 -1.79 0.00	85.21 -2.82 0.00	59.71 -2.23 0.00	54.00 -1.50 0.00	46.20 -1.28 0.00	45.58 -1.26 0.00	44.89 -1.20 0.00	45.88 -1.27 0.00	47.96 -1.95 0.00	57.97 -2.54 0.00	74.73 -3.52 0.01	91.70 -3.62 0.00	80.05 -3.25 0.00	73.36 -3.30 0.01	65.68 -1.89 0.00	57.43 -2.52 0.00	53.25 -2.05 0.00	51.25 -1.64 0.00
GOODYEAR_LAKE_HYD 323669	54.19 1.22 0.00	51.67 1.06 0.00	50.26 1.08 0.00	50.97 1.10 0.00	51.70 1.11 0.00	54.81 1.28 0.00	76.91 2.24 0.00	90.58 2.55 0.00	63.30 1.36 0.00	56.50 1.00 0.00	48.24 0.76 0.00	47.55 0.70 0.00	46.78 0.69 0.00	47.86 0.71 0.00	50.65 0.75 0.00	61.96 1.45 0.00	80.45 2.19 0.00	98.00 2.67 0.00	85.64 2.33 0.00	78.89 2.22 0.00	69.47 1.89 0.00	61.68 1.74 0.00	56.62 1.33 0.00	54.06 1.16 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	53.93 0.95 0.00	51.57 0.96 0.00	50.11 0.93 0.00	50.87 1.00 0.00	51.39 0.81 0.00	54.32 0.80 0.00	75.87 1.19 0.00	89.26 1.23 0.00	62.62 0.68 0.00	56.06 0.56 0.00	48.01 0.52 0.00	47.27 0.42 0.00	46.55 0.46 0.00	47.63 0.47 0.00	50.20 0.30 0.00	60.81 0.30 0.00	78.73 0.47 0.00	95.81 0.48 0.00	83.81 0.50 0.00	77.12 0.46 0.00	68.39 0.81 0.00	60.48 0.54 0.00	55.79 0.50 0.00	53.37 0.48 0.00

GOUDEY___7 23579	53.93 0.95 0.00	51.57 0.96 0.00	50.11 0.93 0.00	50.87 1.00 0.00	51.39 0.81 0.00	54.32 0.80 0.00	75.87 1.19 0.00	89.26 1.23 0.00	62.62 0.68 0.00	56.06 0.56 0.00	48.01 0.52 0.00	47.27 0.42 0.00	46.55 0.46 0.00	47.63 0.47 0.00	50.20 0.30 0.00	60.81 0.30 0.00	78.73 0.47 0.00	95.81 0.48 0.00	83.81 0.50 0.00	77.12 0.46 0.00	68.39 0.81 0.00	60.48 0.54 0.00	55.79 0.50 0.00	53.37 0.48 0.00
GOUDEY___8 23580	53.93 0.95 0.00	51.57 0.96 0.00	50.11 0.93 0.00	50.87 1.00 0.00	51.39 0.81 0.00	54.32 0.80 0.00	75.87 1.19 0.00	89.26 1.23 0.00	62.62 0.68 0.00	56.06 0.56 0.00	48.01 0.52 0.00	47.27 0.42 0.00	46.55 0.46 0.00	47.63 0.47 0.00	50.20 0.30 0.00	60.81 0.30 0.00	78.73 0.47 0.00	95.81 0.48 0.00	83.81 0.50 0.00	77.12 0.46 0.00	68.39 0.81 0.00	60.48 0.54 0.00	55.79 0.50 0.00	53.37 0.48 0.00
GOWANUS_GT1_1 24077	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.63 2.74 -0.01	53.58 2.98 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	64.53 3.39 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.66 3.18 -7.39	54.74 3.16 -4.43	58.12 3.24 -4.97	64.94 4.42 -0.02	83.35 5.09 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.66 3.72 0.00	58.94 3.65 0.00	56.50 3.60 -0.01
GOWANUS_GT1_2 24078	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.63 2.74 -0.01	53.58 2.98 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	64.53 3.39 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.66 3.18 -7.39	54.74 3.16 -4.43	58.12 3.24 -4.97	64.94 4.42 -0.02	83.35 5.09 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.66 3.72 0.00	58.94 3.65 0.00	56.50 3.60 -0.01
GOWANUS_GT1_3 24079	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.63 2.74 -0.01	53.58 2.98 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	64.53 3.39 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.66 3.18 -7.39	54.74 3.16 -4.43	58.12 3.24 -4.97	64.94 4.42 -0.02	83.35 5.09 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.66 3.72 0.00	58.94 3.65 0.00	56.50 3.60 -0.01
GOWANUS_GT1_4 24080	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.63 2.74 -0.01	53.58 2.98 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	64.53 3.39 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.66 3.18 -7.39	54.74 3.16 -4.43	58.12 3.24 -4.97	64.94 4.42 -0.02	83.35 5.09 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.66 3.72 0.00	58.94 3.65 0.00	56.50 3.60 -0.01
GOWANUS_GT1_5 24084	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.63 2.74 -0.01	53.58 2.98 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	64.53 3.39 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.66 3.18 -7.39	54.74 3.16 -4.43	58.12 3.24 -4.97	64.94 4.42 -0.02	83.35 5.09 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.66 3.72 0.00	58.94 3.65 0.00	56.50 3.60 -0.01
GOWANUS_GT1_6 24111	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.63 2.74 -0.01	53.58 2.98 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	64.53 3.39 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.66 3.18 -7.39	54.74 3.16 -4.43	58.12 3.24 -4.97	64.94 4.42 -0.02	83.35 5.09 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.66 3.72 0.00	58.94 3.65 0.00	56.50 3.60 -0.01
GOWANUS_GT1_7 24112	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.63 2.74 -0.01	53.58 2.98 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	64.53 3.39 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.66 3.18 -7.39	54.74 3.16 -4.43	58.12 3.24 -4.97	64.94 4.42 -0.02	83.35 5.09 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.66 3.72 0.00	58.94 3.65 0.00	56.50 3.60 -0.01
GOWANUS_GT1_8 24113	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.63 2.74 -0.01	53.58 2.98 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	64.53 3.39 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.66 3.18 -7.39	54.74 3.16 -4.43	58.12 3.24 -4.97	64.94 4.42 -0.02	83.35 5.09 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.66 3.72 0.00	58.94 3.65 0.00	56.50 3.60 -0.01
GOWANUS_GT2_1 24114	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
GOWANUS_GT2_2 24115	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
GOWANUS_GT2_3 24116	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
GOWANUS_GT2_4 24117	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
GOWANUS_GT2_5 24118	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01

GOWANUS_GT2_6 24119	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
GOWANUS_GT2_7 24120	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
GOWANUS_GT2_8 24121	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
GOWANUS_GT3_1 24122	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
GOWANUS_GT3_2 24123	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
GOWANUS_GT3_3 24124	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
GOWANUS_GT3_4 24125	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
GOWANUS_GT3_5 24126	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.8																			

GOWANUS_GT4_5 24134	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.63 2.74 -0.01	53.58 2.98 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	64.53 3.39 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.66 3.18 -7.39	54.74 3.16 -4.43	58.12 3.24 -4.97	64.94 4.42 -0.02	83.35 5.09 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.66 3.72 0.00	58.94 3.65 0.00	56.50 3.60 -0.01
GOWANUS_GT4_6 24135	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.63 2.74 -0.01	53.58 2.98 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	64.53 3.39 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.66 3.18 -7.39	54.74 3.16 -4.43	58.12 3.24 -4.97	64.94 4.42 -0.02	83.35 5.09 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.66 3.72 0.00	58.94 3.65 0.00	56.50 3.60 -0.01
GOWANUS_GT4_7 24136	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.63 2.74 -0.01	53.58 2.98 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	64.53 3.39 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.66 3.18 -7.39	54.74 3.16 -4.43	58.12 3.24 -4.97	64.94 4.42 -0.02	83.35 5.09 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.66 3.72 0.00	58.94 3.65 0.00	56.50 3.60 -0.01
GOWANUS_GT4_8 24137	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.63 2.74 -0.01	53.58 2.98 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	64.53 3.39 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.66 3.18 -7.39	54.74 3.16 -4.43	58.12 3.24 -4.97	64.94 4.42 -0.02	83.35 5.09 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.66 3.72 0.00	58.94 3.65 0.00	56.50 3.60 -0.01
GREATVR_69_KV_BK1 356245	57.85 4.87 0.00	54.65 4.05 0.00	53.11 3.93 0.00	53.66 3.79 0.00	54.83 4.25 0.00	58.34 4.82 0.00	79.75 5.08 0.00	93.84 5.81 0.00	67.70 5.76 0.00	62.11 6.60 -0.01	58.09 5.13 -5.48	58.30 4.97 -6.48	58.28 4.84 -7.35	56.16 4.95 -4.05	60.49 5.09 -5.50	67.26 6.53 -0.22	87.45 9.16 -0.03	108.12 10.68 -2.11	92.83 9.50 -0.03	86.25 7.82 -1.77	74.54 6.96 0.00	65.96 5.99 -0.03	60.07 4.76 -0.02	58.55 5.66 0.00
GREENBSH_115KV_TB3 55895	53.19 0.21 0.00	50.86 0.25 0.00	49.42 0.25 0.00	50.07 0.20 0.00	50.89 0.30 0.00	53.90 0.37 0.00	75.12 0.45 0.00	88.65 0.62 0.00	62.37 0.43 0.00	55.67 0.17 0.00	47.67 0.19 0.00	47.17 0.33 0.00	46.41 0.32 0.00	47.44 0.28 0.00	50.30 0.40 0.00	61.05 0.54 0.00	79.04 0.78 0.00	96.19 0.86 0.00	84.14 0.83 0.00	77.43 0.77 0.00	68.18 0.61 0.00	60.54 0.60 0.00	55.73 0.44 0.00	53.42 0.53 0.00
GREENDGE_115KV_TB5 80291	53.93 0.95 0.00	52.68 2.07 0.00	51.15 1.97 0.00	52.17 2.29 0.00	52.15 1.57 0.00	53.84 0.32 0.00	74.82 0.15 0.00	86.45 -1.58 0.00	60.89 -1.05 0.00	55.06 -0.44 0.00	47.82 0.33 0.00	46.85 0.00 0.00	46.27 0.18 0.00	47.25 0.09 0.00	49.50 -0.40 0.00	58.81 -1.69 0.00	75.31 -2.90 0.06	92.06 -3.24 0.03	80.77 -2.50 0.03	74.46 -2.15 0.06	66.43 -1.15 0.00	58.39 -1.56 0.00	54.02 -1.27 0.00	51.84 -1.06 0.00
GREENIDGE___3 23582	53.93 0.95 0.00	52.68 2.07 0.00	51.15 1.97 0.00	52.17 2.29 0.00	52.15 1.57 0.00	53.84 0.32 0.00	74.82 0.15 0.00	86.45 -1.58 0.00	60.89 -1.05 0.00	55.06 -0.44 0.00	47.82 0.33 0.00	46.85 0.00 0.00	46.27 0.18 0.00	47.25 0.09 0.00	49.50 -0.40 0.00	58.81 -1.69 0.00	75.31 -2.90 0.06	92.06 -3.24 0.03	80.77 -2.50 0.03	74.46 -2.15 0.06	66.43 -1.15 0.00	58.39 -1.56 0.00	54.02 -1.27 0.00	51.84 -1.06 0.00
GREENIDGE___4 23583	53.93 0.95 0.00	52.68 2.08 0.00	51.15 1.97 0.00	52.17 2.30 0.00	52.40 1.82 0.00	53.84 0.32 0.00	74.82 0.15 0.00	86.45 -1.58 0.00	60.95 -0.99 0.00	55.11 -0.39 0.00	47.91 0.43 0.00	46.89 0.05 0.00	46.27 0.19 0.00	47.20 0.05 0.00	49.50 -0.40 0.00	58.94 -1.57 0.00	75.23 -2.97 0.06	90.63 -4.67 0.03	79.36 -3.91 0.03	74.46 -2.15 0.06	66.49 -1.08 0.00	58.45 -1.50 0.00	54.08 -1.22 0.00	53.74 0.84 0.00
GREENLWN_69_KV_BK 3 55738	56.37 3.39 0.00	53.34 2.73 0.00	51.83 2.66 0.00	52.42 2.54 0.00	53.57 2.98 0.00	56.95 3.43 0.00	77.28 2.61 0.00	91.02 2.99 0.00	65.90 3.96 0.00	60.61 5.11 -0.01	54.86 4.46 -2.92	55.26 4.26 -4.15	55.30 4.19 -5.01	55.39 4.20 -4.04	56.30 4.29 -2.11	65.79 5.32 0.04	84.77 6.50 -0.01	102.08 7.82 1.07	90.15 6.83 -0.01	81.59 5.83 0.89	72.10 4.53 0.00	64.56 4.62 0.00	58.83 3.54 0.00	57.07 4.18 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.63 2.74 -0.01	53.58 2.98 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	64.53 3.39 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.66 3.18 -7.39	54.74 3.16 -4.43	58.12 3.24 -4.97	64.94 4.42 -0.02	83.35 5.09 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.66 3.72 0.00	58.94 3.65 0.00	56.50 3.60 -0.01
GRISSOM___SOLAR 323813	54.30 1.32 0.00	51.97 1.37 0.00	50.41 1.23 0.00	51.12 1.25 0.00	51.90 1.31 0.00	55.07 1.55 0.00	77.28 2.61 0.00	90.85 2.82 0.00	62.19 0.25 0.00	54.50 -1.00 0.00	46.16 -1.33 0.00	45.49 -1.36 0.00	44.80 -1.29 0.00	45.93 -1.23 0.00	49.20 -0.70 0.00	61.11 0.61 0.00	80.53 2.27 0.00	98.38 3.05 0.00	86.05 2.74 0.00	79.42 2.76 0.00	69.88 2.30 0.00	62.04 2.10 0.00	56.90 1.60 0.00	54.32 1.43 0.00
GROVEVILLE___HYD 323602	55.31 2.33 0.00	52.68 2.07 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.86 2.28 0.00	56.20 2.68 0.00	78.78 4.11 0.00	92.87 4.84 0.00	65.66 3.72 0.00	59.00 3.50 0.00	50.57 3.09 0.00	49.80 2.95 0.00	48.95 2.86 0.00	50.03 2.88 0.00	52.90 2.99 0.00	64.26 3.75 0.00	83.04 4.77 0.00	101.05 5.72 0.00	88.30 5.00 0.00	80.95 4.29 0.00	70.96 3.38 0.00	63.30 3.36 0.00	58.33 3.04 0.00	55.75 2.86 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	52.76 -0.21 0.00	50.40 -0.20 0.00	48.93 -0.25 0.00	49.68 -0.20 0.00	50.23 -0.35 0.00	53.09 -0.43 0.00	74.15 -0.52 0.00	87.41 -0.62 0.00	61.38 -0.56 0.00	54.95 -0.56 0.00	47.01 -0.47 0.00	46.33 -0.52 0.00	45.63 -0.46 0.00	46.69 -0.47 0.00	49.35 -0.55 0.00	59.84 -0.67 0.00	77.40 -0.86 0.00	94.38 -0.95 0.00	82.47 -0.83 0.00	75.89 -0.77 0.00	67.04 -0.54 0.00	59.29 -0.66 0.00	54.68 -0.61 0.00	52.21 -0.69 0.00
HAMLTNNY_34_KV_TB 80303	52.92 -0.05 0.00	50.61 0.00 0.00	49.13 -0.05 0.00	49.87 0.00 0.00	50.38 -0.20 0.00	53.25 -0.27 0.00	74.30 -0.37 0.00	87.59 -0.44 0.00	61.44 -0.50 0.00	55.06 -0.44 0.00	47.06 -0.43 0.00	46.38 -0.47 0.00	45.67 -0.41 0.00	46.69 -0.47 0.00	49.35 -0.55 0.00	59.90 -0.61 0.00	77.48 -0.78 0.00	94.57 -0.76 0.00	82.55 -0.75 0.00	75.97 -0.69 0.00	67.17 -0.41 0.00	59.35 -0.60 0.00	54.74 -0.55 0.00	52.31 -0.58 0.00

HAMPSHIRE___PAPER_HYD 323593	53.35 0.37 0.00	50.96 0.36 0.00	49.57 0.39 0.00	50.13 0.25 0.00	51.14 0.56 0.00	53.90 0.38 0.00	74.67 0.00 0.00	88.29 0.26 0.00	61.75 -0.19 0.00	54.56 -0.94 0.00	46.82 -0.66 0.00	46.14 -0.70 0.00	45.21 -0.88 0.00	46.73 -0.43 0.00	49.56 -0.35 0.00	59.54 -0.97 0.00	76.77 -1.49 0.00	93.80 -1.53 0.00	81.89 -1.42 0.00	76.20 -0.46 0.00	67.64 0.07 0.00	60.19 0.24 0.00	55.79 0.50 0.00	53.63 0.74 0.00
HARDSCRABBLE_WT_PWR 323673	57.00 4.02 0.00	54.40 3.80 0.00	52.87 3.69 0.00	53.62 3.74 0.00	54.33 3.74 0.00	57.48 3.96 0.00	80.34 5.67 0.00	94.54 6.51 0.00	66.34 4.40 0.00	59.44 3.94 0.00	50.86 3.37 0.00	50.12 3.28 0.00	49.27 3.18 0.00	50.41 3.25 0.00	53.30 3.40 0.00	64.81 4.30 0.00	83.90 5.64 0.00	102.29 6.96 0.00	89.47 6.16 0.00	82.33 5.67 0.00	72.58 5.00 0.00	64.38 4.44 0.00	59.38 4.09 0.00	56.91 4.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	55.09 2.12 0.00	52.48 1.87 0.00	51.05 1.87 0.00	51.77 1.90 0.00	52.61 2.02 0.00	55.98 2.46 0.00	78.40 3.73 0.00	92.43 4.40 0.00	65.35 3.41 0.00	58.89 3.39 0.00	50.52 3.04 0.00	49.75 2.90 0.00	48.95 2.86 0.00	49.99 2.83 0.00	52.85 2.94 0.00	64.08 3.57 0.00	82.80 4.54 0.00	100.67 5.34 0.00	87.97 4.67 0.00	80.65 3.99 0.00	70.68 3.11 0.00	63.00 3.06 0.00	58.06 2.76 0.00	55.49 2.59 0.00
HARSNRAD_115KV_TB1 81005	52.60 -0.37 0.00	50.51 -0.10 0.00	49.23 0.05 0.00	50.12 0.25 0.00	49.93 -0.66 0.00	51.33 -2.19 0.00	70.41 -4.26 0.00	81.96 -6.07 0.00	57.23 -4.71 0.00	52.39 -3.11 0.00	45.02 -2.47 0.00	44.41 -2.44 0.00	43.88 -2.21 0.00	44.71 -2.45 0.00	46.31 -3.59 0.00	55.67 -4.84 0.00	71.67 -6.57 0.01	87.89 -7.44 0.01	76.80 -6.50 0.01	70.28 -6.36 0.01	63.25 -4.32 0.00	55.03 -4.92 0.00	51.26 -4.04 0.00	49.51 -3.39 0.00
HARZA MOOSE___RIVER 24016	54.19 1.22 0.00	51.72 1.11 0.00	50.31 1.13 0.00	50.97 1.10 0.00	51.70 1.11 0.00	54.81 1.28 0.00	76.69 2.02 0.00	90.49 2.46 0.00	63.12 1.18 0.00	56.17 0.67 0.00	47.77 0.28 0.00	47.08 0.23 0.00	46.23 0.14 0.00	47.44 0.28 0.00	50.30 0.40 0.00	61.24 0.73 0.00	79.36 1.10 0.00	97.24 1.91 0.00	85.05 1.75 0.00	78.50 1.84 0.00	69.33 1.76 0.00	61.56 1.62 0.00	56.67 1.38 0.00	54.06 1.16 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	52.34 -0.64 0.00	50.05 -0.56 0.00	48.59 -0.59 0.00	49.33 -0.55 0.00	49.88 -0.71 0.00	52.66 -0.86 0.00	73.55 -1.12 0.00	86.71 -1.32 0.00	60.89 -1.05 0.00	54.56 -0.94 0.00	46.72 -0.76 0.00	46.10 -0.75 0.00	45.40 -0.69 0.00	46.40 -0.75 0.00	49.05 -0.85 0.00	59.42 -1.09 0.00	76.85 -1.41 0.00	93.61 -1.72 0.00	81.80 -1.50 0.00	75.28 -1.38 0.00	66.50 -1.08 0.00	58.81 -1.14 0.00	54.24 -1.05 0.00	51.89 -1.01 0.00
HELLGATE_13_KV_LD 55870	55.46 2.49 0.00	52.83 2.23 0.00	51.79 2.61 -0.01	52.53 2.64 -0.01	53.43 2.83 -0.01	56.79 3.26 -0.01	78.93 4.26 0.00	93.14 5.11 0.00	66.15 4.21 0.00	65.19 4.05 -5.64	60.31 3.89 -8.93	59.45 3.79 -8.81	57.31 3.73 -7.49	55.37 3.73 -4.48	58.73 3.79 -5.04	65.18 4.66 -0.02	83.74 5.48 0.00	102.00 6.67 0.00	88.97 5.66 0.00	81.49 4.83 0.00	71.16 3.58 0.00	63.84 3.90 0.00	58.94 3.65 0.00	56.39 3.49 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	55.46 2.49 0.00	52.83 2.23 0.00	51.79 2.61 -0.01	52.53 2.64 -0.01	53.43 2.83 -0.01	56.79 3.26 -0.01	78.93 4.26 0.00	93.14 5.11 0.00	66.15 4.21 0.00	65.19 4.05 -5.64	60.31 3.89 -8.93	59.45 3.79 -8.81	57.31 3.73 -7.49	55.37 3.73 -4.48	58.73 3.79 -5.04	65.18 4.66 -0.02	83.74 5.48 0.00	102.00 6.67 0.00	88.97 5.66 0.00	81.49 4.83 0.00	71.16 3.58 0.00	63.84 3.90 0.00	58.94 3.65 0.00	56.39 3.49 -0.01
HEMPSTEAD____ 23647	56.05 3.07 0.00	53.14 2.53 0.00	51.64 2.46 0.00	52.27 2.39 0.00	53.21 2.63 0.00	56.68 3.16 0.00	77.95 3.28 0.00	91.90 3.87 0.00	65.78 3.84 0.00	60.22 4.71 -0.01	54.55 4.13 -2.94	54.86 4.07 -3.94	54.68 3.92 -4.68	54.54 3.96 -3.42	56.40 4.09 -2.41	65.66 5.14 -0.01	84.77 6.49 -0.01	103.16 7.82 -0.01	90.15 6.83 -0.01	82.43 5.75 -0.01	72.10 4.53 0.00	64.50 4.55 -0.01	58.94 3.65 0.00	55.59 2.70 0.00
HICKLING___1 23621	53.82 0.85 0.00	51.77 1.16 0.00	50.26 1.08 0.00	51.22 1.35 0.00	51.04 0.46 0.00	53.31 -0.21 0.00	74.30 -0.37 0.00	86.18 -1.85 0.00	59.77 -2.17 0.00	54.61 -0.89 0.00	46.96 -0.52 0.00	46.14 -0.70 0.00	45.63 -0.46 0.00	46.50 -0.66 0.00	48.46 -1.45 0.00	58.15 -2.36 0.00	75.40 -2.82 0.04	91.88 -3.43 0.02	80.45 -2.83 0.02	74.01 -2.61 0.04	65.62 -1.96 0.00	57.19 -2.76 0.00	53.14 -2.16 0.00	51.25 -1.64 0.00
HICKLING___2 23622	53.82 0.85 0.00	51.77 1.16 0.00	50.26 1.08 0.00	51.22 1.35 0.00	51.04 0.46 0.00	53.31 -0.21 0.00	74.30 -0.37 0.00	86.18 -1.85 0.00	59.77 -2.17 0.00	54.61 -0.89 0.00	46.96 -0.52 0.00	46.14 -0.70 0.00	45.63 -0.46 0.00	46.50 -0.66 0.00	48.46 -1.45 0.00	58.15 -2.36 0.00	75.40 -2.82 0.04	91.88 -3.43 0.02	80.45 -2.83 0.02	74.01 -2.61 0.04	65.62 -1.96 0.00	57.19 -2.76 0.00	53.14 -2.16 0.00	51.25 -1.64 0.00
HIGH FALLS___HY 23754	55.52 2.54 0.00	52.83 2.23 0.00	51.39 2.21 0.00	52.12 2.24 0.00	53.01 2.43 0.00	56.41 2.89 0.00	79.15 4.48 0.00	93.31 5.28 0.00	65.90 3.96 0.00	59.27 3.77 0.00	50.71 3.23 0.00	49.89 3.04 0.00	49.04 2.95 0.00	50.08 2.92 0.00	52.95 3.04 0.00	64.38 3.87 0.00	83.27 5.01 0.00	101.34 6.01 0.00	88.64 5.33 0.00	81.26 4.60 0.00	71.16 3.58 0.00	63.48 3.54 0.00	58.55 3.26 0.00	55.86 2.96 0.00
HIGH_RIVER___SOLAR 323847	54.09 1.11 0.00	51.77 1.16 0.00	50.26 1.08 0.00	50.97 1.10 0.00	51.75 1.16 0.00	55.39 1.87 0.00	77.58 2.91 0.00	91.02 2.99 0.00	62.43 0.49 0.00	55.17 -0.33 0.00	46.87 -0.62 0.00	46.24 -0.61 0.00	45.49 -0.60 0.00	46.54 -0.61 0.00	49.60 -0.30 0.00	61.29 0.78 0.00	80.84 2.58 0.00	98.86 3.53 0.00	86.47 3.16 0.00	79.81 3.14 0.00	70.21 2.63 0.00	62.28 2.34 0.00	57.17 1.88 0.00	54.64 1.74 0.00
HILLBURN___GT 23639	54.99 2.01 0.00	52.38 1.77 0.00	50.95 1.77 0.00	51.67 1.79 0.00	52.46 1.87 0.00	55.87 2.35 0.00	78.25 3.58 0.00	92.17 4.14 0.00	65.28 3.34 0.00	58.94 3.44 0.00	50.67 3.18 0.00	49.94 3.09 0.00	49.08 2.99 0.00	50.18 3.02 0.00	52.95 3.04 0.00	64.08 3.57 0.00	82.72 4.46 0.00	100.67 5.34 0.00	87.97 4.66 0.00	80.57 3.91 0.00	70.55 2.97 0.00	62.94 3.00 0.00	58.00 2.71 0.00	55.12 2.22 0.00
HILLSIDE_115KV_TB1 80332	52.98 0.00 0.00	50.86 0.25 0.00	49.42 0.25 0.00	50.37 0.50 0.00	50.23 -0.35 0.00	52.40 -1.12 0.00	73.10 -1.57 0.00	84.60 -3.43 0.00	58.78 -3.16 0.00	53.84 -1.67 0.00	46.34 -1.14 0.00	45.53 -1.31 0.00	44.98 -1.11 0.00	45.88 -1.27 0.00	47.76 -2.15 0.00	57.30 -3.21 0.00	74.31 -3.91 0.04	90.45 -4.86 0.02	79.20 -4.08 0.02	72.86 -3.76 0.04	64.54 -3.04 0.00	56.23 -3.72 0.00	52.25 -3.04 0.00	50.46 -2.43 0.00

HISHELDN_WT_PWR 323625	53.29 0.32 0.00	51.22 0.61 0.00	49.82 0.64 0.00	50.72 0.85 0.00	50.94 0.36 0.00	52.24 -1.29 0.00	72.13 -2.54 0.00	83.81 -4.22 0.00	58.28 -3.65 0.00	53.28 -2.22 0.00	46.01 -1.47 0.00	45.16 -1.68 0.00	44.57 -1.52 0.00	45.41 -1.74 0.00	47.11 -2.79 0.00	56.82 -3.69 0.00	73.23 -5.01 0.02	89.89 -5.43 0.01	78.46 -4.83 0.01	71.81 -4.83 0.02	64.33 -3.24 0.00	56.05 -3.90 0.00	52.14 -3.15 0.00	51.84 -1.06 0.00
HOLTSVILLE_IC_1 23690	56.95 3.98 0.00	53.80 3.19 0.00	52.28 3.10 0.00	52.87 2.99 0.00	53.92 3.34 0.00	57.48 3.96 0.00	78.03 3.36 0.00	91.81 3.78 0.00	66.34 4.40 0.00	61.23 5.72 -0.01	60.45 4.98 -7.98	60.50 4.87 -8.79	60.46 4.70 -9.67	56.03 4.76 -4.12	63.58 4.89 -8.79	67.08 6.11 -0.46	85.91 7.59 -0.05	108.75 9.24 -4.17	91.36 8.00 -0.05	87.07 6.90 -3.50	73.05 5.47 0.00	65.39 5.40 -0.05	59.76 4.43 -0.04	56.18 3.28 0.00
HOLTSVILLE_IC_10 23699	57.26 4.29 0.00	54.10 3.49 0.00	52.57 3.39 0.00	53.11 3.24 0.00	54.23 3.64 0.00	57.80 4.28 0.00	78.55 3.88 0.00	92.34 4.31 0.00	66.77 4.83 0.00	61.61 6.11 -0.01	60.60 5.32 -7.80	60.62 5.15 -8.62	60.61 5.02 -9.50	56.36 5.09 -4.10	63.69 5.24 -8.55	67.49 6.54 -0.45	86.53 8.22 -0.05	109.24 10.01 -3.90	92.02 8.66 -0.05	87.37 7.43 -3.27	73.59 6.01 0.00	65.87 5.88 -0.05	60.14 4.81 -0.04	56.49 3.60 0.00
HOLTSVILLE_IC_2 23691	56.95 3.98 0.00	53.80 3.19 0.00	52.28 3.10 0.00	52.87 2.99 0.00	53.92 3.34 0.00	57.48 3.96 0.00	78.03 3.36 0.00	91.81 3.78 0.00	66.34 4.40 0.00	61.23 5.72 -0.01	60.45 4.98 -7.98	60.50 4.87 -8.79	60.46 4.70 -9.67	56.03 4.76 -4.12	63.58 4.89 -8.79	67.08 6.11 -0.46	85.91 7.59 -0.05	108.75 9.24 -4.17	91.36 8.00 -0.05	87.07 6.90 -3.50	73.05 5.47 0.00	65.39 5.40 -0.05	59.76 4.43 -0.04	56.18 3.28 0.00
HOLTSVILLE_IC_3 23692	56.95 3.98 0.00	53.80 3.19 0.00	52.28 3.10 0.00	52.87 2.99 0.00	53.92 3.34 0.00	57.48 3.96 0.00	78.03 3.36 0.00	91.81 3.78 0.00	66.34 4.40 0.00	61.23 5.72 -0.01	60.45 4.98 -7.98	60.50 4.87 -8.79	60.46 4.70 -9.67	56.03 4.76 -4.12	63.58 4.89 -8.79	67.08 6.11 -0.46	85.91 7.59 -0.05	108.75 9.24 -4.17	91.36 8.00 -0.05	87.07 6.90 -3.50	73.05 5.47 0.00	65.39 5.40 -0.05	59.76 4.43 -0.04	56.18 3.28 0.00
HOLTSVILLE_IC_4 23693	56.95 3.98 0.00	53.80 3.19 0.00	52.28 3.10 0.00	52.87 2.99 0.00	53.92 3.34 0.00	57.48 3.96 0.00	78.03 3.36 0.00	91.81 3.78 0.00	66.34 4.40 0.00	61.23 5.72 -0.01	60.45 4.98 -7.98	60.50 4.87 -8.79	60.46 4.70 -9.67	56.03 4.76 -4.12	63.58 4.89 -8.79	67.08 6.11 -0.46	85.91 7.59 -0.05	108.75 9.24 -4.17	91.36 8.00 -0.05	87.07 6.90 -3.50	73.05 5.47 0.00	65.39 5.40 -0.05	59.76 4.43 -0.04	56.18 3.28 0.00
HOLTSVILLE_IC_5 23694	56.95 3.98 0.00	53.80 3.19 0.00	52.28 3.10 0.00	52.87 2.99 0.00	53.92 3.34 0.00	57.48 3.96 0.00	78.03 3.36 0.00	91.81 3.78 0.00	66.34 4.40 0.00	61.23 5.72 -0.01	60.45 4.98 -7.98	60.50 4.87 -8.79	60.46 4.70 -9.67	56.03 4.76 -4.12	63.58 4.89 -8.79	67.08 6.11 -0.46	85.91 7.59 -0.05	108.75 9.24 -4.17	91.36 8.00 -0.05	87.07 6.90 -3.50	73.05 5.47 0.00	65.39 5.40 -0.05	59.76 4.43 -0.04	56.18 3.28 0.00
HOLTSVILLE_IC_6 23695	57.26 4.29 0.00	54.10 3.49 0.00	52.57 3.39 0.00	53.11 3.24 0.00	54.23 3.64 0.00	57.80 4.28 0.00	78.55 3.88 0.00	92.34 4.31 0.00	66.77 4.83 0.00	61.61 6.11 -0.01	60.60 5.32 -7.80	60.62 5.15 -8.62	60.61 5.02 -9.50	56.36 5.09 -4.10	63.69 5.24 -8.55	67.49 6.54 -0.45	86.53 8.22 -0.05	109.24 10.01 -3.90	92.02 8.66 -0.05	87.37 7.43 -3.27	73.59 6.01 0.00	65.87 5.88 -0.05	60.14 4.81 -0.04	56.49 3.60 0.00
HOLTSVILLE_IC_7 23696	57.26 4.29 0.00	54.10 3.49 0.00	52.57 3.39 0.00	53.11 3.24 0.00	54.23 3.64 0.00	57.80 4.28 0.00	78.55 3.88 0.00	92.34 4.31 0.00	66.77 4.83 0.00	61.61 6.11 -0.01	60.60 5.32 -7.80	60.62 5.15 -8.62	60.61 5.02 -9.50	56.36 5.09 -4.10	63.69 5.24 -8.55	67.49 6.54 -0.45	86.53 8.22 -0.05	109.24 10.01 -3.90	92.02 8.66 -0.05	87.37 7.43 -3.27	73.59 6.01 0.00	65.87 5.88 -0.05	60.14 4.81 -0.04	56.49 3.60 0.00
HOLTSVILLE_IC_8 23697	57.26 4.29 0.00	54.10 3.49 0.00	52.57 3.39 0.00	53.11 3.24 0.00	54.23 3.64 0.00	57.80 4.28 0.00	78.55 3.88 0.00	92.34 4.31 0.00	66.77 4.83 0.00	61.61 6.11 -0.01	60.60 5.32 -7.80	60.62 5.15 -8.62	60.61 5.02 -9.50	56.36 5.09 -4.10	63.69 5.24 -8.55	67.49 6.54 -0.45	86.53 8.22 -0.05	109.24 10.01 -3.90	92.02 8.66 -0.05	87.37 7.43 -3.27	73.59 6.01 0.00	65.87 5.88 -0.05	60.14 4.81 -0.04	56.49 3.60 0.00
HOLTSVILLE_IC_9 23698	57.26 4.29 0.00	54.10 3.49 0.00	52.57 3.39 0.00	53.11 3.24 0.00	54.23 3.64 0.00	57.80 4.28 0.00	78.55 3.88 0.00	92.34 4.31 0.00	66.77 4.83 0.00	61.61 6.11 -0.01	60.60 5.32 -7.80	60.62 5.15 -8.62	60.61 5.02 -9.50	56.36 5.09 -4.10	63.69 5.24 -8.55	67.49 6.54 -0.45	86.53 8.22 -0.05	109.24 10.01 -3.90	92.02 8.66 -0.05	87.37 7.43 -3.27	73.59 6.01 0.00	65.87 5.88 -0.05	60.14 4.81 -0.04	56.49 3.60 0.00
HOMER_HL_115KV_TB2 355744	53.45 0.48 0.00	51.31 0.71 0.00	49.87 0.69 0.00	50.82 0.95 0.00	50.53 -0.05 0.00	52.50 -1.02 0.00	73.33 -1.34 0.00	84.95 -3.08 0.00	58.78 -3.16 0.00	54.06 -1.44 0.00	46.58 -0.90 0.00	45.77 -1.08 0.00	45.21 -0.88 0.00	46.03 -1.13 0.00	47.61 -2.30 0.00	57.00 -3.51 0.00	74.33 -3.91 0.02	90.08 -5.24 0.01	78.88 -4.42 0.01	72.81 -3.83 0.02	64.67 -2.91 0.00	56.11 -3.84 0.00	52.25 -3.04 0.00	50.51 -2.38 0.00
HOWARD_WT_PWR 323690	54.56 1.59 0.00	52.43 1.82 0.00	50.95 1.77 0.00	51.92 2.05 0.00	52.10 1.52 0.00	53.90 0.38 0.00	75.05 0.38 0.00	87.24 -0.79 0.00	60.39 -1.55 0.00	54.84 -0.66 0.00	47.20 -0.28 0.00	46.24 -0.61 0.00	45.67 -0.42 0.00	46.54 -0.61 0.00	48.45 -1.45 0.00	58.51 -2.00 0.00	75.56 -2.66 0.04	92.74 -2.57 0.02	81.04 -2.25 0.02	74.48 -2.15 0.04	66.43 -1.15 0.00	57.79 -2.16 0.00	53.80 -1.49 0.00	53.11 0.21 0.00
HQ_GEN_CEDARS 23644	53.50 0.53 0.00	51.21 0.61 0.00	49.82 0.64 0.00	50.37 0.50 0.00	51.55 0.96 0.00	54.00 0.48 0.00	74.45 -0.22 0.00	87.94 -0.09 0.00	62.00 0.06 0.00	55.72 0.22 0.00	47.25 -0.24 0.00	46.66 -0.19 0.00	45.63 -0.46 0.00	47.35 0.19 0.00	50.35 0.45 0.00	59.90 -0.61 0.00	77.40 -0.86 0.00	94.38 -0.95 0.00	82.30 -1.00 0.00	76.43 -0.23 0.00	67.85 0.27 0.00	60.30 0.36 0.00	56.51 1.22 0.00	54.16 1.27 0.00
HQ_GEN_CEDARS_PROXY 323590	53.50 0.53 0.00	51.22 0.61 0.00	49.82 0.64 0.00	50.37 0.50 0.00	51.54 0.96 0.00	54.00 0.48 0.00	74.55 -0.22 -0.10	87.84 -0.09 0.10	62.00 0.06 0.00	54.89 -0.61 0.00	47.25 -0.24 0.00	46.66 -0.19 0.00	45.63 -0.46 0.00	47.35 0.19 0.00	50.35 0.45 0.00	59.90 -0.61 0.00	77.40 -0.86 0.00	94.19 -1.14 0.00	81.89 -1.42 0.00	76.43 -0.23 0.00	67.85 0.27 0.00	59.94 0.00 0.00	55.90 0.61 0.00	54.16 1.27 0.00

HQ_GEN_IMPORT 323601	52.98 0.00 0.00	50.61 0.00 0.00	49.18 0.00 0.00	49.87 0.00 0.00	50.58 0.00 0.00	53.52 0.00 0.00	74.78 0.00 -0.10	87.93 0.00 0.10	61.94 0.00 0.00	55.50 0.00 0.00	47.48 0.00 0.00	46.85 0.00 0.00	46.09 0.00 0.00	47.16 0.00 0.00	49.90 0.00 0.00	60.51 0.00 0.00	78.26 0.00 0.00	95.33 0.00 0.00	83.30 0.00 0.00	76.66 0.00 0.00	67.58 0.00 0.00	59.94 0.00 0.00	55.29 0.00 0.00	52.89 0.00 0.00
HQ_GEN_WHEEL 23651	52.98 0.00 0.00	50.61 0.00 0.00	49.18 0.00 0.00	49.87 0.00 0.00	50.58 0.00 0.00	53.52 0.00 0.00	74.78 0.00 -0.10	87.93 0.00 0.10	61.94 0.00 0.00	55.50 0.00 0.00	47.48 0.00 0.00	46.85 0.00 0.00	46.09 0.00 0.00	47.16 0.00 0.00	49.90 0.00 0.00	60.51 0.00 0.00	78.26 0.00 0.00	95.33 0.00 0.00	83.30 0.00 0.00	76.66 0.00 0.00	67.58 0.00 0.00	59.94 0.00 0.00	55.29 0.00 0.00	52.89 0.00 0.00
HUDSON AVE_GT_3 23810	55.25 2.28 0.00	52.63 2.02 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.70 4.03 0.00	92.87 4.84 0.00	66.03 4.09 0.00	65.17 4.11 -5.57	60.18 3.89 -8.80	59.28 3.75 -8.68	57.16 3.69 -7.38	55.26 3.68 -4.42	58.61 3.74 -4.97	64.94 4.42 -0.02	83.58 5.32 0.00	101.72 6.39 0.00	88.80 5.50 0.00	81.41 4.75 0.00	71.09 3.51 0.00	63.60 3.66 0.00	58.50 3.21 0.00	55.91 3.01 0.00
HUDSON AVE_GT_4 23540	55.25 2.28 0.00	52.63 2.02 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.70 4.03 0.00	92.87 4.84 0.00	66.03 4.09 0.00	65.17 4.11 -5.57	60.18 3.89 -8.80	59.28 3.75 -8.68	57.16 3.69 -7.38	55.26 3.68 -4.42	58.61 3.74 -4.97	64.94 4.42 -0.02	83.58 5.32 0.00	101.72 6.39 0.00	88.80 5.50 0.00	81.41 4.75 0.00	71.09 3.51 0.00	63.60 3.66 0.00	58.50 3.21 0.00	55.91 3.01 0.00
HUDSON AVE_GT_5 23657	55.25 2.28 0.00	52.63 2.02 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.70 4.03 0.00	92.87 4.84 0.00	66.03 4.09 0.00	65.17 4.11 -5.57	60.18 3.89 -8.80	59.28 3.75 -8.68	57.16 3.69 -7.38	55.26 3.68 -4.42	58.61 3.74 -4.97	64.94 4.42 -0.02	83.58 5.32 0.00	101.72 6.39 0.00	88.80 5.50 0.00	81.41 4.75 0.00	71.09 3.51 0.00	63.60 3.66 0.00	58.50 3.21 0.00	55.91 3.01 0.00
HUDSON_AVE_10 24168	55.04 2.07 0.00	52.43 1.82 0.00	51.05 1.87 0.00	51.82 1.95 0.00	52.76 2.18 0.00	56.09 2.57 0.00	78.48 3.81 0.00	92.61 4.58 0.00	65.84 3.90 0.00	65.12 4.05 -5.57	60.09 3.80 -8.80	59.18 3.65 -8.68	57.07 3.59 -7.38	55.16 3.58 -4.42	58.51 3.64 -4.97	64.70 4.18 -0.02	83.35 5.09 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.42 3.48 0.00	58.33 3.04 0.00	55.75 2.86 0.00
HUDSON___115KV_TB 4 355613	55.36 2.38 0.00	52.93 2.33 0.00	51.39 2.21 0.00	52.12 2.24 0.00	52.96 2.38 0.00	56.25 2.73 0.00	78.78 4.11 0.00	93.05 5.02 0.00	64.66 2.73 0.00	57.28 1.78 0.00	48.62 1.14 0.00	47.88 1.03 0.00	47.01 0.92 0.00	48.05 0.90 0.00	51.15 1.25 0.00	62.81 2.30 0.00	81.94 3.68 0.00	100.10 4.77 0.00	87.72 4.42 0.00	80.72 4.06 0.00	71.02 3.45 0.00	63.00 3.06 0.00	58.17 2.88 0.00	55.65 2.75 0.00
HUNTER MOUNT___DRP 323613	55.04 2.07 0.00	52.58 1.97 0.00	51.10 1.92 0.00	51.77 1.90 0.00	52.66 2.07 0.00	55.93 2.41 0.00	78.33 3.66 0.00	92.43 4.40 0.00	64.35 2.42 0.00	56.94 1.44 0.00	48.29 0.81 0.00	47.55 0.70 0.00	46.69 0.60 0.00	47.77 0.61 0.00	50.85 0.95 0.00	62.38 1.88 0.00	81.39 3.13 0.00	99.33 4.00 0.00	87.05 3.75 0.00	80.11 3.45 0.00	70.48 2.91 0.00	62.58 2.64 0.00	57.84 2.54 0.00	55.33 2.43 0.00
HUNTINGTON_RES_REC 323705	56.74 3.76 0.00	53.64 3.04 0.00	52.08 2.90 0.00	52.67 2.79 0.00	53.77 3.19 0.00	57.27 3.75 0.00	77.73 3.06 0.00	91.46 3.43 0.00	66.09 4.15 0.00	61.06 5.55 -0.01	53.85 4.79 -1.57	54.41 4.64 -2.92	54.40 4.52 -3.79	55.77 4.57 -4.04	54.91 4.69 -0.32	66.14 5.81 0.18	85.45 7.20 0.00	102.50 8.76 1.59	90.96 7.66 0.00	81.84 6.51 1.33	72.78 5.20 0.00	65.09 5.16 0.01	59.42 4.15 0.02	55.85 2.96 0.00
HUNTLEY___63 23557	53.19 0.21 0.00	51.06 0.46 0.00	49.72 0.54 0.00	50.62 0.75 0.00	50.43 -0.15 0.00	51.59 -1.93 0.00	70.86 -3.81 0.00	82.48 -5.55 0.00	57.54 -4.40 0.00	52.78 -2.72 0.00	45.39 -2.09 0.00	44.74 -2.11 0.00	44.20 -1.89 0.00	45.08 -2.07 0.00	46.61 -3.29 0.00	56.09 -4.42 0.00	72.14 -6.10 0.01	88.46 -6.86 0.01	77.22 -6.08 0.01	70.74 -5.90 0.01	63.59 -3.99 0.00	55.33 -4.62 0.00	51.59 -3.70 0.00	49.83 -3.07 0.00
HUNTLEY___64 23558	53.19 0.21 0.00	51.06 0.46 0.00	49.72 0.54 0.00	50.62 0.75 0.00	50.43 -0.15 0.00	51.59 -1.93 0.00	70.86 -3.81 0.00	82.48 -5.55 0.00	57.54 -4.40 0.00	52.78 -2.72 0.00	45.39 -2.09 0.00	44.74 -2.11 0.00	44.20 -1.89 0.00	45.08 -2.07 0.00	46.61 -3.29 0.00	56.09 -4.42 0.00	72.14 -6.10 0.01	88.46 -6.86 0.01	77.22 -6.08 0.01	70.74 -5.90 0.01	63.59 -3.99 0.00	55.33 -4.62 0.00	51.59 -3.70 0.00	49.83 -3.07 0.00
HUNTLEY___65 23559	53.19 0.21 0.00	51.06 0.46 0.00	49.72 0.54 0.00	50.62 0.75 0.00	50.43 -0.15 0.00	51.59 -1.93 0.00	70.86 -3.81 0.00	82.48 -5.55 0.00	57.54 -4.40 0.00	52.78 -2.72 0.00	45.39 -2.09 0.00	44.74 -2.11 0.00	44.20 -1.89 0.00	45.08 -2.07 0.00	46.61 -3.29 0.00	56.09 -4.42 0.00	72.14 -6.10 0.01	88.46 -6.86 0.01	77.22 -6.08 0.01	70.74 -5.90 0.01	63.59 -3.99 0.00	55.33 -4.62 0.00	51.59 -3.70 0.00	49.83 -3.07 0.00
HUNTLEY___66 23560	53.19 0.21 0.00	51.06 0.46 0.00	49.72 0.54 0.00	50.62 0.75 0.00	50.43 -0.15 0.00	51.59 -1.93 0.00	70.86 -3.81 0.00	82.48 -5.55 0.00	57.54 -4.40 0.00	52.78 -2.72 0.00	45.39 -2.09 0.00	44.74 -2.11 0.00	44.20 -1.89 0.00	45.08 -2.07 0.00	46.61 -3.29 0.00	56.09 -4.42 0.00	72.14 -6.10 0.01	88.46 -6.86 0.01	77.22 -6.08 0.01	70.74 -5.90 0.01	63.59 -3.99 0.00	55.33 -4.62 0.00	51.59 -3.70 0.00	49.83 -3.07 0.00
HUNTLEY___67 23561	52.76 -0.21 0.00	50.66 0.05 0.00	49.33 0.15 0.00	50.22 0.35 0.00	50.08 -0.51 0.00	51.49 -2.03 0.00	70.71 -3.96 0.00	82.22 -5.81 0.00	57.42 -4.52 0.00	52.67 -2.83 0.00	45.25 -2.23 0.00	44.64 -2.20 0.00	44.11 -1.98 0.00	44.99 -2.17 0.00	46.56 -3.34 0.00	55.91 -4.60 0.00	71.99 -6.26 0.01	88.17 -7.15 0.01	77.05 -6.25 0.01	70.59 -6.06 0.01	63.39 -4.19 0.00	55.15 -4.80 0.00	51.42 -3.87 0.00	49.67 -3.23 0.00
HUNTLEY___68 23562	52.76 -0.21 0.00	50.66 0.05 0.00	49.33 0.15 0.00	50.22 0.35 0.00	50.08 -0.51 0.00	51.49 -2.03 0.00	70.71 -3.96 0.00	82.22 -5.81 0.00	57.42 -4.52 0.00	52.67 -2.83 0.00	45.25 -2.23 0.00	44.64 -2.20 0.00	44.11 -1.98 0.00	44.99 -2.17 0.00	46.56 -3.34 0.00	55.91 -4.60 0.00	71.99 -6.26 0.01	88.17 -7.15 0.01	77.05 -6.25 0.01	70.59 -6.06 0.01	63.39 -4.19 0.00	55.15 -4.80 0.00	51.42 -3.87 0.00	49.67 -3.23 0.00



HYLAND___LFGE 323620	56.05 3.07 0.00	53.75 3.14 0.00	52.18 3.00 0.00	53.27 3.39 0.00	53.47 2.88 0.00	55.72 2.20 0.00	77.81 3.14 0.00	90.93 2.90 0.00	62.74 0.80 0.00	55.89 0.39 0.00	47.44 -0.05 0.00	46.33 -0.51 0.00	45.67 -0.42 0.00	46.83 -0.33 0.00	49.16 -0.75 0.00	59.90 -0.61 0.00	75.35 -2.89 0.02	93.51 -1.81 0.01	82.13 -1.17 0.01	75.34 -1.30 0.02	67.51 -0.07 0.00	58.68 -1.26 0.00	56.07 0.77 0.00	54.85 1.96 0.00
INDECK___CORINTH 23802	56.21 3.23 0.00	53.85 3.24 0.00	52.23 3.05 0.00	52.97 3.09 0.00	53.77 3.19 0.00	57.16 3.64 0.00	80.05 5.38 0.00	94.54 6.51 0.00	65.72 3.78 0.00	58.27 2.77 0.00	49.57 2.09 0.00	48.91 2.06 0.00	48.11 2.03 0.00	49.05 1.89 0.00	52.20 2.30 0.00	63.96 3.45 0.00	83.27 5.01 0.00	101.72 6.39 0.00	88.89 5.58 0.00	82.03 5.36 0.00	72.44 4.87 0.00	64.08 4.13 0.00	58.94 3.65 0.00	56.44 3.54 0.00
INDECK___ILION 23567	55.20 2.22 0.00	52.73 2.13 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.66 2.07 0.00	55.77 2.25 0.00	77.88 3.21 0.00	91.73 3.70 0.00	64.42 2.48 0.00	57.72 2.22 0.00	49.34 1.85 0.00	48.67 1.83 0.00	47.89 1.80 0.00	49.00 1.84 0.00	51.80 1.90 0.00	62.93 2.42 0.00	81.55 3.29 0.00	99.33 4.00 0.00	86.80 3.50 0.00	79.96 3.30 0.00	70.41 2.84 0.00	62.46 2.52 0.00	57.61 2.32 0.00	55.12 2.22 0.00
INDECK___OLEAN 23982	53.45 0.48 0.00	51.31 0.71 0.00	49.87 0.69 0.00	50.82 0.95 0.00	50.89 0.31 0.00	52.50 -1.02 0.00	73.33 -1.34 0.00	84.95 -3.08 0.00	58.84 -3.10 0.00	54.06 -1.44 0.00	46.72 -0.76 0.00	45.86 -0.99 0.00	45.21 -0.88 0.00	45.98 -1.18 0.00	47.61 -2.29 0.00	57.12 -3.39 0.00	74.33 -3.91 0.02	90.94 -4.38 0.01	79.13 -4.16 0.01	72.81 -3.83 0.02	64.74 -2.84 0.00	56.23 -3.72 0.00	52.36 -2.93 0.00	51.89 -1.01 0.00
INDECK___OSWEGO 23783	51.60 -1.38 0.00	49.29 -1.32 0.00	47.90 -1.28 0.00	48.58 -1.30 0.00	49.22 -1.36 0.00	52.02 -1.50 0.00	72.58 -2.09 0.00	85.66 -2.37 0.00	60.08 -1.86 0.00	53.84 -1.66 0.00	46.01 -1.47 0.00	45.35 -1.50 0.00	44.61 -1.48 0.00	45.65 -1.51 0.00	48.30 -1.60 0.00	58.63 -1.88 0.00	75.75 -2.51 0.00	92.47 -2.86 0.00	80.81 -2.50 0.00	74.36 -2.30 0.00	65.68 -1.89 0.00	58.15 -1.80 0.00	53.64 -1.66 0.00	51.31 -1.59 0.00
INDECK___YERKES 23781	53.24 0.27 0.00	51.11 0.51 0.00	49.77 0.59 0.00	50.67 0.80 0.00	50.89 0.31 0.00	51.65 -1.87 0.00	70.94 -3.73 0.00	82.57 -5.46 0.00	57.67 -4.27 0.00	52.89 -2.61 0.00	45.73 -1.76 0.00	44.83 -2.01 0.00	44.24 -1.84 0.00	45.13 -2.03 0.00	46.66 -3.24 0.00	56.33 -4.17 0.00	72.22 -6.02 0.01	88.75 -6.58 0.01	77.55 -5.75 0.01	70.82 -5.83 0.01	63.73 -3.85 0.00	55.63 -4.32 0.00	51.70 -3.59 0.00	51.62 -1.27 0.00
INDIAN POINT_GT_1 24139	54.94 1.96 0.00	52.33 1.72 0.00	50.95 1.77 0.00	51.62 1.75 0.00	52.51 1.92 0.00	55.82 2.30 0.00	78.18 3.51 0.00	92.08 4.05 0.00	65.28 3.34 0.00	58.83 3.33 0.00	50.67 3.18 0.00	49.94 3.09 0.00	49.08 3.00 0.00	50.18 3.02 0.00	52.95 3.04 0.00	64.14 3.63 0.00	82.72 4.46 0.00	100.67 5.34 0.00	87.97 4.67 0.00	80.65 3.99 0.00	70.55 2.97 0.00	63.00 3.06 0.00	57.95 2.65 0.00	55.43 2.54 0.00
INDIAN POINT_GT_2 23659	54.94 1.96 0.00	52.33 1.72 0.00	50.95 1.77 0.00	51.62 1.75 0.00	52.51 1.92 0.00	55.82 2.30 0.00	78.18 3.51 0.00	92.08 4.05 0.00	65.28 3.34 0.00	58.83 3.33 0.00	50.67 3.18 0.00	49.94 3.09 0.00	49.08 3.00 0.00	50.18 3.02 0.00	52.95 3.04 0.00	64.14 3.63 0.00	82.72 4.46 0.00	100.67 5.34 0.00	87.97 4.67 0.00	80.65 3.99 0.00	70.55 2.97 0.00	63.00 3.06 0.00	57.95 2.65 0.00	55.43 2.54 0.00
INDIAN POINT_GT_3 24019	54.94 1.96 0.00	52.33 1.72 0.00	50.95 1.77 0.00	51.62 1.75 0.00	52.51 1.92 0.00	55.82 2.30 0.00	78.18 3.51 0.00	92.08 4.05 0.00	65.28 3.34 0.00	58.83 3.33 0.00	50.67 3.18 0.00	49.94 3.09 0.00	49.08 3.00 0.00	50.18 3.02 0.00	52.95 3.04 0.00	64.14 3.63 0.00	82.72 4.46 0.00	100.67 5.34 0.00	87.97 4.67 0.00	80.65 3.99 0.00	70.55 2.97 0.00	63.00 3.06 0.00	57.95 2.65 0.00	55.43 2.54 0.00
INDIAN POINT___2 23530	54.88 1.90 0.00	52.27 1.67 0.00	50.90 1.72 0.00	51.62 1.74 0.00	52.40 1.82 0.00	55.77 2.25 0.00	78.11 3.44 0.00	91.99 3.96 0.00	65.22 3.28 0.00	58.83 3.33 0.00	50.62 3.13 0.00	49.94 3.09 0.00	49.04 2.95 0.00	50.13 2.97 0.00	52.95 3.04 0.00	64.02 3.51 0.00	82.64 4.38 0.00	100.57 5.24 0.00	87.88 4.58 0.00	80.57 3.91 0.00	70.48 2.90 0.00	62.94 3.00 0.00	57.95 2.65 0.00	55.06 2.17 0.00
INDIAN POINT___3 23531	54.88 1.91 0.00	52.28 1.67 0.00	50.90 1.72 0.00	51.57 1.70 0.00	52.46 1.87 0.00	55.77 2.25 0.00	78.11 3.43 0.00	91.99 3.96 0.00	65.22 3.28 0.00	58.78 3.27 0.00	50.62 3.13 0.00	49.89 3.04 0.00	49.08 3.00 0.00	50.13 2.97 0.00	52.95 3.04 0.00	64.08 3.57 0.00	82.64 4.38 0.00	100.57 5.24 0.00	87.80 4.50 0.00	80.57 3.91 0.00	70.48 2.91 0.00	62.94 3.00 0.00	57.89 2.60 0.00	55.38 2.49 0.00
INGHAM_C_115KV_TB7 356103	57.95 4.98 0.00	55.36 4.76 0.00	53.80 4.62 0.00	54.51 4.64 0.00	55.24 4.65 0.00	58.45 4.92 0.00	81.69 7.02 0.00	96.13 8.10 0.00	67.39 5.45 0.00	60.44 4.94 0.00	51.66 4.18 0.00	50.97 4.12 0.00	50.10 4.01 0.00	51.21 4.06 0.00	54.19 4.29 0.00	65.83 5.32 0.00	85.30 7.04 0.00	103.91 8.58 0.00	90.88 7.58 0.00	83.64 6.98 0.00	73.73 6.15 0.00	65.46 5.51 0.00	60.32 5.03 0.00	57.76 4.87 0.00
IP CORINTH___1 23988	56.21 3.23 0.00	53.85 3.24 0.00	52.23 3.05 0.00	52.97 3.09 0.00	53.77 3.19 0.00	57.16 3.64 0.00	80.05 5.38 0.00	94.54 6.51 0.00	65.72 3.78 0.00	58.28 2.78 0.00	49.62 2.14 0.00	48.91 2.06 0.00	48.12 2.03 0.00	49.04 1.89 0.00	52.20 2.30 0.00	63.96 3.45 0.00	83.27 5.01 0.00	101.62 6.29 0.00	88.89 5.58 0.00	82.03 5.37 0.00	72.44 4.87 0.00	64.08 4.14 0.00	58.89 3.59 0.00	56.44 3.54 0.00
IP___TICONDEROGA 23804	58.48 5.51 0.00	56.12 5.52 0.00	54.39 5.21 0.00	55.16 5.29 0.00	56.00 5.41 0.00	59.68 6.15 0.00	83.78 9.11 0.00	99.12 11.09 0.00	68.07 6.13 0.00	60.00 4.50 0.00	51.00 3.51 0.00	50.22 3.37 0.00	49.32 3.23 0.00	50.27 3.11 0.00	53.60 3.69 0.00	66.20 5.69 0.00	86.64 8.37 0.00	106.10 10.77 0.00	92.80 9.50 0.00	85.86 9.20 0.00	75.82 8.24 0.00	66.84 6.89 0.00	61.21 5.92 0.00	58.77 5.87 0.00
ISLIP_RES_REC 323679	57.48 4.50 0.00	54.35 3.74 0.00	52.77 3.59 0.00	53.36 3.49 0.00	54.43 3.84 0.00	58.02 4.50 0.00	79.00 4.33 0.00	92.87 4.84 0.00	67.08 5.14 0.00	61.89 6.38 -0.01	60.35 5.55 -7.31	60.41 5.39 -8.17	60.39 5.25 -9.05	56.58 5.33 -4.09	63.36 5.54 -7.92	67.80 6.90 -0.40	87.07 8.76 -0.05	109.53 10.67 -3.52	92.60 9.25 -0.05	87.59 7.97 -2.96	74.06 6.49 0.00	66.16 6.18 -0.04	60.36 5.03 -0.03	56.75 3.86 0.00

JAMAICA__27_KV_LOAD 355505	54.99 2.01 0.00	52.33 1.72 0.00	50.90 1.72 0.00	51.77 1.90 0.00	52.71 2.12 0.00	56.14 2.62 0.00	78.55 3.88 0.00	92.96 4.93 0.00	66.15 4.21 0.00	65.90 4.77 -5.63	60.61 4.32 -8.80	59.60 4.08 -8.68	57.34 3.87 -7.38	55.44 3.87 -4.42	58.86 3.99 -4.97	64.76 4.24 -0.02	83.90 5.63 0.00	102.29 6.96 0.00	89.30 6.00 0.00	81.80 5.14 0.00	71.29 3.72 0.00	63.60 3.66 0.00	58.61 3.32 0.00	55.86 2.96 0.00
JANIS__SOLAR 323808	55.78 2.81 0.00	53.34 2.73 0.00	51.78 2.60 0.00	52.62 2.74 0.00	53.16 2.58 0.00	56.25 2.73 0.00	79.08 4.40 0.00	93.22 5.19 0.00	64.60 2.66 0.00	57.33 1.83 0.00	48.62 1.14 0.00	47.73 0.89 0.00	46.96 0.87 0.00	48.15 0.99 0.00	51.00 1.10 0.00	62.44 1.94 0.00	81.57 3.29 -0.02	100.01 4.67 -0.01	87.56 4.25 -0.01	80.74 4.06 -0.02	71.16 3.58 0.00	62.76 2.82 0.00	57.72 2.43 0.00	55.28 2.38 0.00
JARVIS____ 23743	53.19 0.21 0.00	50.81 0.20 0.00	49.38 0.20 0.00	50.07 0.20 0.00	50.79 0.20 0.00	53.79 0.27 0.00	75.05 0.38 0.00	88.47 0.44 0.00	62.19 0.25 0.00	55.72 0.22 0.00	47.67 0.19 0.00	47.03 0.19 0.00	46.27 0.19 0.00	47.35 0.19 0.00	50.10 0.20 0.00	60.81 0.30 0.00	78.65 0.39 0.00	95.81 0.48 0.00	83.72 0.42 0.00	77.05 0.39 0.00	67.92 0.34 0.00	60.25 0.30 0.00	55.57 0.28 0.00	53.16 0.27 0.00
JENNISON____1 23625	55.99 3.02 0.00	53.44 2.83 0.00	51.93 2.75 0.00	52.67 2.79 0.00	53.27 2.68 0.00	56.46 2.94 0.00	79.45 4.78 0.00	93.66 5.63 0.00	65.28 3.34 0.00	58.11 2.61 0.00	49.38 1.90 0.00	48.58 1.73 0.00	47.84 1.75 0.00	48.90 1.74 0.00	51.75 1.85 0.00	63.29 2.78 0.00	82.42 4.15 -0.01	100.67 5.34 0.00	87.97 4.67 0.00	81.04 4.37 -0.01	71.50 3.92 0.00	63.18 3.24 0.00	58.06 2.76 0.00	55.38 2.49 0.00
JENNISON____2 23626	55.99 3.02 0.00	53.44 2.83 0.00	51.93 2.75 0.00	52.67 2.79 0.00	53.27 2.68 0.00	56.46 2.94 0.00	79.45 4.78 0.00	93.66 5.63 0.00	65.28 3.34 0.00	58.11 2.61 0.00	49.38 1.90 0.00	48.58 1.73 0.00	47.84 1.75 0.00	48.90 1.74 0.00	51.75 1.85 0.00	63.29 2.78 0.00	82.42 4.15 -0.01	100.67 5.34 0.00	87.97 4.67 0.00	81.04 4.37 -0.01	71.50 3.92 0.00	63.18 3.24 0.00	58.06 2.76 0.00	55.38 2.49 0.00
JERICOHO_RISE_WT_PWR 323719	52.61 -0.37 0.00	50.40 -0.20 0.00	49.03 -0.15 0.00	49.58 -0.30 0.00	50.79 0.20 0.00	53.09 -0.43 0.00	73.18 -1.49 0.00	86.62 -1.41 0.00	61.13 -0.81 0.00	54.28 -1.22 0.00	46.72 -0.76 0.00	46.14 -0.70 0.00	45.17 -0.92 0.00	46.83 -0.33 0.00	49.85 -0.05 0.00	59.24 -1.27 0.00	76.46 -1.80 0.00	93.14 -2.19 0.00	80.97 -2.33 0.00	75.51 -1.15 0.00	66.90 -0.68 0.00	58.98 -0.96 0.00	55.13 -0.17 0.00	53.53 0.64 0.00
KATONAH__115KV_46KV_TB4 355592	55.20 2.22 0.00	52.63 2.02 0.00	51.20 2.02 0.00	51.87 1.99 0.00	52.81 2.23 0.00	56.14 2.62 0.00	78.63 3.96 0.00	92.70 4.67 0.00	65.66 3.72 0.00	59.11 3.61 0.00	50.90 3.42 0.00	50.13 3.28 0.00	49.22 3.13 0.00	50.32 3.16 0.00	53.10 3.19 0.00	64.44 3.93 0.00	83.11 4.85 0.00	101.24 5.91 0.00	88.47 5.16 0.00	81.18 4.52 0.00	71.02 3.45 0.00	63.36 3.42 0.00	58.22 2.93 0.00	55.70 2.80 0.00
KCE_NY_1 323755	55.47 2.49 0.00	53.14 2.53 0.00	51.59 2.41 0.00	52.27 2.39 0.00	53.06 2.48 0.00	56.36 2.83 0.00	78.77 4.10 0.00	92.96 4.93 0.00	64.91 2.97 0.00	57.66 2.16 0.00	49.05 1.56 0.00	48.44 1.59 0.00	47.66 1.57 0.00	48.71 1.55 0.00	51.85 1.94 0.00	63.29 2.78 0.00	82.33 4.07 0.00	100.47 5.14 0.00	87.80 4.50 0.00	80.95 4.29 0.00	71.36 3.78 0.00	63.24 3.29 0.00	58.17 2.87 0.00	55.64 2.75 0.00
KCE_NY_6_ESR 323823	53.40 0.42 0.00	51.31 0.71 0.00	49.92 0.74 0.00	50.82 0.95 0.00	51.04 0.45 0.00	52.19 -1.34 0.00	71.99 -2.69 0.00	83.72 -4.31 0.00	58.34 -3.59 0.00	53.50 -2.00 0.00	46.25 -1.23 0.00	45.39 -1.45 0.00	44.75 -1.34 0.00	45.65 -1.51 0.00	47.21 -2.70 0.00	56.94 -3.57 0.00	73.32 -4.93 0.02	89.99 -5.34 0.01	78.55 -4.74 0.01	71.82 -4.83 0.02	64.40 -3.17 0.00	56.17 -3.77 0.00	52.20 -3.10 0.00	52.00 -0.90 0.00
KEDC PORT_JEFF_GT2 24210	57.11 4.13 0.00	53.95 3.34 0.00	52.42 3.25 0.00	52.97 3.09 0.00	54.03 3.44 0.00	57.59 4.07 0.00	78.11 3.44 0.00	91.55 3.52 0.00	66.52 4.58 0.00	61.45 5.94 -0.01	60.94 5.18 -8.28	60.92 5.01 -9.06	60.92 4.88 -9.94	56.22 4.95 -4.11	64.13 5.04 -9.19	67.24 6.23 -0.49	85.83 7.51 -0.06	108.71 9.15 -4.22	91.36 8.00 -0.06	87.03 6.82 -3.55	73.18 5.61 0.00	65.57 5.58 -0.05	59.98 4.65 -0.04	56.33 3.44 0.00
KEDC PORT_JEFF_GT3 24211	57.11 4.13 0.00	53.95 3.34 0.00	52.42 3.25 0.00	52.97 3.09 0.00	54.03 3.44 0.00	57.59 4.07 0.00	78.11 3.44 0.00	91.55 3.52 0.00	66.52 4.58 0.00	61.45 5.94 -0.01	60.94 5.18 -8.28	60.92 5.01 -9.06	60.92 4.88 -9.94	56.22 4.95 -4.11	64.13 5.04 -9.19	67.24 6.23 -0.49	85.83 7.51 -0.06	108.71 9.15 -4.22	91.36 8.00 -0.06	87.03 6.82 -3.55	73.18 5.61 0.00	65.57 5.58 -0.05	59.98 4.65 -0.04	56.33 3.44 0.00
KEDC_GLWD_GT4 24219	55.89 2.91 0.00	53.09 2.48 0.00	51.64 2.46 0.00	52.27 2.39 0.00	53.16 2.58 0.00	56.62 3.10 0.00	78.48 3.81 0.00	92.52 4.49 0.00	65.96 4.02 0.00	60.06 4.55 -0.01	54.14 4.08 -2.57	54.32 4.03 -3.44	54.09 3.92 -4.09	54.06 3.91 -2.99	56.05 4.04 -2.10	65.48 4.96 -0.01	84.54 6.26 -0.01	102.87 7.53 -0.01	89.82 6.50 -0.01	82.27 5.59 -0.01	71.91 4.33 0.00	64.27 4.32 -0.01	58.88 3.59 0.00	55.70 2.80 0.00
KEDC_GLWD_GT5 24220	55.89 2.91 0.00	53.09 2.48 0.00	51.64 2.46 0.00	52.27 2.39 0.00	53.16 2.58 0.00	56.62 3.10 0.00	78.48 3.81 0.00	92.52 4.49 0.00	65.96 4.02 0.00	60.06 4.55 -0.01	54.14 4.08 -2.57	54.32 4.03 -3.44	54.09 3.92 -4.09	54.06 3.91 -2.99	56.05 4.04 -2.10	65.48 4.96 -0.01	84.54 6.26 -0.01	102.87 7.53 -0.01	89.82 6.50 -0.01	82.27 5.59 -0.01	71.91 4.33 0.00	64.27 4.32 -0.01	58.88 3.59 0.00	55.70 2.80 0.00
KENSICO____ 23655	55.04 2.07 0.00	52.43 1.82 0.00	51.05 1.87 0.00	51.72 1.85 0.00	52.66 2.07 0.00	55.93 2.41 0.00	78.33 3.66 0.00	92.34 4.31 0.00	65.47 3.53 0.00	59.05 3.55 0.00	50.86 3.37 0.00	50.13 3.28 0.00	49.32 3.23 0.00	50.36 3.21 0.00	53.15 3.24 0.00	64.32 3.81 0.00	82.96 4.70 0.00	100.95 5.62 0.00	88.22 4.91 0.00	80.88 4.22 0.00	70.75 3.18 0.00	63.18 3.24 0.00	58.06 2.76 0.00	55.54 2.64 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	55.41 2.44 0.00	52.73 2.13 0.00	51.29 2.11 0.00	52.02 2.14 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.93 4.26 0.00	93.05 5.02 0.00	65.66 3.72 0.00	59.00 3.50 0.00	50.43 2.94 0.00	49.61 2.76 0.00	48.76 2.67 0.00	49.85 2.69 0.00	52.70 2.79 0.00	64.14 3.63 0.00	82.96 4.70 0.00	101.05 5.72 0.00	88.39 5.08 0.00	81.03 4.37 0.00	71.02 3.45 0.00	63.30 3.36 0.00	58.39 3.10 0.00	55.75 2.86 0.00

KLAC_JFK_GT1 23816	54.62 1.64 0.00	52.02 1.42 0.00	50.65 1.48 0.00	51.47 1.60 0.00	52.41 1.82 0.00	55.82 2.30 0.00	77.73 3.06 0.00	91.99 3.96 0.00	65.53 3.59 0.00	65.35 4.22 -5.63	60.33 4.04 -8.80	59.32 3.79 -8.68	57.11 3.64 -7.38	55.16 3.58 -4.42	58.61 3.74 -4.97	64.16 3.63 -0.02	83.04 4.77 0.00	101.24 5.91 0.00	88.39 5.08 0.00	81.03 4.37 0.00	70.55 2.97 0.00	63.00 3.06 0.00	58.28 2.99 0.00	55.54 2.64 0.00
KIAC_JFK_GT2 23817	54.62 1.64 0.00	52.02 1.42 0.00	50.65 1.48 0.00	51.47 1.60 0.00	52.41 1.82 0.00	55.82 2.30 0.00	77.73 3.06 0.00	91.99 3.96 0.00	65.53 3.59 0.00	65.35 4.22 -5.63	60.33 4.04 -8.80	59.32 3.79 -8.68	57.11 3.64 -7.38	55.16 3.58 -4.42	58.61 3.74 -4.97	64.16 3.63 -0.02	83.04 4.77 0.00	101.24 5.91 0.00	88.39 5.08 0.00	81.03 4.37 0.00	70.55 2.97 0.00	63.00 3.06 0.00	58.28 2.99 0.00	55.54 2.64 0.00
KIAC_JFK____ 323774	54.62 1.64 0.00	52.02 1.41 0.00	50.65 1.47 0.00	51.47 1.60 0.00	52.25 1.67 0.00	55.82 2.30 0.00	77.73 3.06 0.00	91.99 3.96 0.00	65.54 3.59 -0.01	65.34 4.22 -5.63	60.32 4.03 -8.80	59.32 3.79 -8.68	57.07 3.60 -7.38	55.16 3.58 -4.42	58.61 3.74 -4.97	64.16 3.63 -0.02	83.12 4.85 0.00	101.24 5.91 0.00	88.39 5.08 0.00	81.03 4.37 0.00	70.55 2.97 0.00	63.00 3.06 0.00	58.33 3.04 0.00	55.22 2.32 0.00
KINTIGH__24_KV_GSU 356498	52.39 -0.58 0.00	50.25 -0.35 0.00	48.93 -0.24 0.00	49.77 -0.10 0.00	50.08 -0.51 0.00	51.38 -2.14 0.00	70.71 -3.96 0.00	82.39 -5.64 0.00	57.73 -4.21 0.00	52.67 -2.83 0.00	45.40 -2.09 0.00	44.60 -2.25 0.00	44.02 -2.07 0.00	44.89 -2.26 0.00	46.71 -3.19 0.00	56.27 -4.24 0.00	72.23 -6.02 0.01	88.65 -6.68 0.01	77.55 -5.75 0.01	70.75 -5.90 0.01	63.66 -3.92 0.00	55.75 -4.20 0.00	51.70 -3.59 0.00	51.25 -1.64 0.00
KINTIGH____ 23543	52.39 -0.58 0.00	50.25 -0.35 0.00	48.93 -0.25 0.00	49.77 -0.10 0.00	49.72 -0.86 0.00	51.38 -2.14 0.00	70.71 -3.96 0.00	82.40 -5.63 0.00	57.67 -4.27 0.00	52.61 -2.89 0.00	45.16 -2.33 0.00	44.55 -2.30 0.00	44.01 -2.07 0.00	44.89 -2.26 0.00	46.71 -3.19 0.00	56.15 -4.36 0.00	72.15 -6.10 0.01	88.65 -6.67 0.01	77.38 -5.91 0.01	70.75 -5.90 0.01	63.59 -3.99 0.00	55.51 -4.44 0.00	51.64 -3.65 0.00	49.83 -3.07 0.00
KNFTRNC_46_KV_46KV_LOAD 80397	53.13 0.16 0.00	50.91 0.30 0.00	49.52 0.34 0.00	50.07 0.20 0.00	51.34 0.76 0.00	53.47 -0.05 0.00	73.48 -1.19 0.00	86.97 -1.06 0.00	61.32 -0.62 0.00	55.44 -0.06 0.00	46.96 -0.52 0.00	46.38 -0.47 0.00	45.35 -0.74 0.00	47.06 -0.09 0.00	50.15 0.25 0.00	59.42 -1.09 0.00	77.01 -1.25 0.00	94.00 -1.33 0.00	81.97 -1.33 0.00	76.12 -0.54 0.00	67.37 -0.20 0.00	59.88 -0.06 0.00	56.45 1.16 0.00	54.11 1.22 0.00
LACHUTE__HYDRO 323717	58.48 5.51 0.00	56.12 5.52 0.00	54.39 5.21 0.00	55.16 5.28 0.00	56.00 5.42 0.00	59.67 6.15 0.00	83.78 9.11 0.00	99.12 11.09 0.00	68.07 6.13 0.00	60.05 4.55 0.00	50.95 3.46 0.00	50.22 3.37 0.00	49.31 3.23 0.00	50.27 3.11 0.00	53.60 3.69 0.00	66.20 5.69 0.00	86.64 8.38 0.00	106.19 10.86 0.00	92.80 9.49 0.00	85.86 9.20 0.00	75.82 8.24 0.00	66.84 6.89 0.00	61.27 5.97 0.00	58.82 5.92 0.00
LAWRNCV_115KV_TB1 80681	53.45 0.48 0.00	51.16 0.56 0.00	49.77 0.59 0.00	50.32 0.45 0.00	51.50 0.91 0.00	54.00 0.48 0.00	74.37 -0.30 0.00	87.94 -0.09 0.00	62.00 0.06 0.00	55.61 0.11 0.00	47.10 -0.38 0.00	46.52 -0.33 0.00	45.49 -0.60 0.00	47.20 0.05 0.00	50.10 0.20 0.00	59.48 -1.03 0.00	76.70 -1.57 0.00	93.52 -1.81 0.00	81.64 -1.67 0.00	76.05 -0.61 0.00	67.58 0.00 0.00	60.30 0.36 0.00	56.51 1.22 0.00	54.11 1.22 0.00
LEDERLE____ 23769	55.15 2.17 0.00	52.53 1.92 0.00	51.15 1.97 0.00	51.82 1.95 0.00	52.71 2.12 0.00	56.04 2.52 0.00	78.55 3.88 0.00	92.52 4.49 0.00	65.53 3.59 0.00	59.11 3.61 0.00	50.86 3.37 0.00	50.08 3.23 0.00	49.27 3.18 0.00	50.32 3.16 0.00	53.15 3.24 0.00	64.32 3.81 0.00	83.04 4.77 0.00	101.05 5.72 0.00	88.30 5.00 0.00	80.88 4.22 0.00	70.82 3.24 0.00	63.18 3.24 0.00	58.17 2.88 0.00	55.59 2.70 0.00
LIGHTHSE_115KV_TB6 355974	52.18 -0.79 0.00	49.85 -0.76 0.00	48.44 -0.74 0.00	49.13 -0.75 0.00	49.72 -0.86 0.00	52.66 -0.86 0.00	73.63 -1.05 0.00	86.97 -1.06 0.00	60.82 -1.11 0.00	54.22 -1.28 0.00	46.20 -1.28 0.00	45.49 -1.36 0.00	44.75 -1.34 0.00	45.84 -1.32 0.00	48.51 -1.40 0.00	59.00 -1.51 0.00	76.54 -1.72 0.00	93.61 -1.72 0.00	81.89 -1.42 0.00	75.51 -1.15 0.00	66.70 -0.88 0.00	58.99 -0.96 0.00	54.35 -0.94 0.00	51.84 -1.06 0.00
LINDEN COGEN____ 23786	54.94 1.96 0.00	52.33 1.72 0.00	50.95 1.77 0.00	51.67 1.79 0.00	52.51 1.92 0.00	55.93 2.41 0.00	78.25 3.58 0.00	92.34 4.31 0.00	65.66 3.72 -0.01	64.95 3.88 -5.57	60.00 3.71 -8.80	59.14 3.61 -8.68	56.97 3.50 -7.38	55.12 3.54 -4.42	58.46 3.60 -4.97	64.52 3.99 -0.02	83.12 4.85 0.00	101.15 5.82 0.00	88.30 5.00 0.00	80.87 4.21 0.00	70.62 3.04 0.00	63.24 3.29 0.00	58.22 2.93 0.00	55.28 2.38 0.00
LINDHRST_69_KV_BK1 356055	57.21 4.24 0.00	54.10 3.49 0.00	52.57 3.39 0.00	53.17 3.29 0.00	54.28 3.69 0.00	57.75 4.23 0.00	78.93 4.26 0.00	92.96 4.93 0.00	67.02 5.08 0.00	61.45 5.94 -0.01	56.08 4.99 -3.61	56.45 4.87 -4.73	56.46 4.79 -5.58	55.89 4.81 -3.92	57.97 4.99 -3.07	66.90 6.35 -0.04	86.57 8.30 -0.02	105.67 9.91 -0.42	92.07 8.75 -0.02	84.45 7.44 -0.36	73.73 6.15 0.00	65.71 5.75 -0.01	59.77 4.48 0.00	57.92 5.02 0.00
LIPA_MISC_IPP 23656	57.27 4.29 0.00	54.10 3.49 0.00	52.57 3.39 0.00	53.12 3.24 0.00	54.28 3.69 0.00	57.80 4.28 0.00	78.55 3.88 0.00	92.43 4.40 0.00	66.96 5.02 0.00	61.56 6.05 -0.01	60.86 5.41 -7.96	60.82 5.20 -8.77	60.86 5.12 -9.66	56.41 5.14 -4.11	64.01 5.34 -8.77	67.69 6.72 -0.46	86.69 8.37 -0.05	109.66 10.20 -4.13	92.27 8.91 -0.05	87.80 7.67 -3.47	73.73 6.15 0.00	65.93 5.93 -0.05	60.03 4.70 -0.04	58.03 5.13 0.00
LISF__SOLAR 323691	57.37 4.39 0.00	54.20 3.59 0.00	52.67 3.49 0.00	53.22 3.34 0.00	54.28 3.69 0.00	57.91 4.39 0.00	78.77 4.10 0.00	92.69 4.66 0.00	66.83 4.89 0.00	61.72 6.21 -0.01	60.92 5.51 -7.93	60.93 5.34 -8.74	60.92 5.21 -9.62	56.55 5.28 -4.11	64.07 5.44 -8.73	67.80 6.84 -0.46	86.92 8.61 -0.05	109.90 10.49 -4.08	92.52 9.16 -0.05	88.06 7.97 -3.43	73.86 6.29 0.00	66.17 6.18 -0.05	60.31 4.98 -0.04	56.60 3.70 0.00
LITTLE FALLS__HYD 24013	57.95 4.98 0.00	55.36 4.76 0.00	53.80 4.62 0.00	54.51 4.64 0.00	55.24 4.65 0.00	58.45 4.92 0.00	81.69 7.02 0.00	96.13 8.10 0.00	67.39 5.45 0.00	60.44 4.94 0.00	51.66 4.18 0.00	50.97 4.12 0.00	50.10 4.01 0.00	51.21 4.06 0.00	54.19 4.29 0.00	65.83 5.32 0.00	85.30 7.04 0.00	103.91 8.58 0.00	90.88 7.58 0.00	83.64 6.98 0.00	73.73 6.15 0.00	65.46 5.51 0.00	60.32 5.03 0.00	57.76 4.87 0.00

LITTLRIV_115KV_TB1 356100	54.19 1.22 0.00	51.82 1.21 0.00	50.41 1.23 0.00	50.97 1.10 0.00	52.15 1.57 0.00	54.75 1.23 0.00	75.57 0.90 0.00	89.35 1.32 0.00	62.62 0.68 0.00	56.00 0.50 0.00	47.34 -0.14 0.00	46.71 -0.14 0.00	45.67 -0.41 0.00	47.39 0.24 0.00	50.35 0.45 0.00	59.90 -0.61 0.00	77.56 -0.70 0.00	94.85 -0.48 0.00	82.89 -0.42 0.00	77.27 0.61 0.00	68.59 1.01 0.00	61.20 1.26 0.00	57.28 1.99 0.00	54.80 1.90 0.00
LI_NEWBRDGE___DRP 323616	56.21 3.23 0.00	53.19 2.58 0.00	51.69 2.51 0.00	52.32 2.44 0.00	53.42 2.83 0.00	56.79 3.26 0.00	77.58 2.91 0.00	91.46 3.43 0.00	65.90 3.96 0.00	60.39 4.88 -0.01	55.19 4.13 -3.58	55.62 3.98 -4.79	55.69 3.92 -5.69	55.23 3.91 -4.16	56.87 4.04 -2.93	65.73 5.20 -0.02	84.69 6.42 -0.02	103.07 7.72 -0.02	90.07 6.75 -0.02	82.35 5.67 -0.02	72.17 4.60 0.00	64.51 4.56 -0.01	58.83 3.54 0.00	56.91 4.02 0.00
LOCKPORT_115KV_TB60_63_64 80432	52.60 -0.37 0.00	50.51 -0.10 0.00	49.18 0.00 0.00	50.07 0.20 0.00	49.88 -0.71 0.00	51.27 -2.25 0.00	70.41 -4.26 0.00	81.96 -6.07 0.00	57.23 -4.71 0.00	52.39 -3.11 0.00	44.97 -2.52 0.00	44.36 -2.48 0.00	43.83 -2.26 0.00	44.71 -2.45 0.00	46.31 -3.59 0.00	55.67 -4.84 0.00	71.67 -6.57 0.01	87.98 -7.34 0.01	76.80 -6.50 0.01	70.29 -6.36 0.01	63.25 -4.32 0.00	55.03 -4.92 0.00	51.26 -4.04 0.00	49.51 -3.39 0.00
LOCKPORT___CC1 323769	52.61 -0.37 0.00	50.51 -0.10 0.00	49.23 0.05 0.00	50.13 0.25 0.00	50.33 -0.25 0.00	51.32 -2.20 0.00	70.42 -4.25 0.00	81.96 -6.07 0.00	57.29 -4.65 0.00	52.45 -3.05 0.00	45.30 -2.18 0.00	44.46 -2.39 0.00	43.88 -2.21 0.00	44.70 -2.45 0.00	46.31 -3.59 0.00	55.85 -4.66 0.00	71.67 -6.57 0.01	88.17 -7.15 0.01	77.05 -6.25 0.01	70.29 -6.36 0.01	63.32 -4.26 0.00	55.27 -4.68 0.00	51.37 -3.92 0.00	51.31 -1.59 0.00
LOCKPORT___CC2 323770	52.61 -0.37 0.00	50.51 -0.10 0.00	49.23 0.05 0.00	50.13 0.25 0.00	50.33 -0.25 0.00	51.32 -2.20 0.00	70.42 -4.25 0.00	81.96 -6.07 0.00	57.29 -4.65 0.00	52.45 -3.05 0.00	45.30 -2.18 0.00	44.46 -2.39 0.00	43.88 -2.21 0.00	44.70 -2.45 0.00	46.31 -3.59 0.00	55.85 -4.66 0.00	71.67 -6.57 0.01	88.17 -7.15 0.01	77.05 -6.25 0.01	70.29 -6.36 0.01	63.32 -4.26 0.00	55.27 -4.68 0.00	51.37 -3.92 0.00	51.31 -1.59 0.00
LOCKPORT___CC3 323771	52.61 -0.37 0.00	50.51 -0.10 0.00	49.23 0.05 0.00	50.13 0.25 0.00	50.33 -0.25 0.00	51.32 -2.20 0.00	70.42 -4.25 0.00	81.96 -6.07 0.00	57.29 -4.65 0.00	52.45 -3.05 0.00	45.30 -2.18 0.00	44.46 -2.39 0.00	43.88 -2.21 0.00	44.70 -2.45 0.00	46.31 -3.59 0.00	55.85 -4.66 0.00	71.67 -6.57 0.01	88.17 -7.15 0.01	77.05 -6.25 0.01	70.29 -6.36 0.01	63.32 -4.26 0.00	55.27 -4.68 0.00	51.37 -3.92 0.00	51.31 -1.59 0.00
LOCUSVLY_69_KV_BK2 55797	56.31 3.34 0.00	53.39 2.78 0.00	51.93 2.75 0.00	52.52 2.64 0.00	53.62 3.04 0.00	56.95 3.43 0.00	78.48 3.81 0.00	92.52 4.49 0.00	66.34 4.40 0.00	60.50 5.00 -0.01	54.77 4.46 -2.82	54.99 4.36 -3.79	54.87 4.29 -4.49	54.74 4.29 -3.29	56.66 4.44 -2.31	66.03 5.51 -0.01	85.16 6.89 -0.01	103.48 8.29 0.14	90.48 7.16 -0.01	82.75 6.21 0.12	72.44 4.87 0.00	64.75 4.80 -0.01	59.11 3.82 0.00	56.97 4.07 0.00
LONG_LAKE_PHOENIX 24014	51.81 -1.17 0.00	49.49 -1.11 0.00	48.05 -1.13 0.00	48.78 -1.10 0.00	49.37 -1.21 0.00	52.18 -1.34 0.00	72.80 -1.87 0.00	85.92 -2.11 0.00	60.33 -1.61 0.00	54.06 -1.44 0.00	46.20 -1.28 0.00	45.53 -1.31 0.00	44.84 -1.24 0.00	45.88 -1.27 0.00	48.51 -1.40 0.00	58.88 -1.63 0.00	76.15 -2.11 0.00	92.85 -2.48 0.00	81.14 -2.17 0.00	74.67 -1.99 0.00	65.89 -1.69 0.00	58.33 -1.62 0.00	53.74 -1.55 0.00	51.36 -1.53 0.00
LOVETT___3 23632	54.88 1.91 0.00	52.28 1.67 0.00	50.90 1.72 0.00	51.57 1.70 0.00	52.46 1.87 0.00	55.77 2.25 0.00	78.11 3.43 0.00	91.99 3.96 0.00	65.22 3.28 0.00	58.83 3.33 0.00	50.62 3.13 0.00	49.89 3.04 0.00	49.08 3.00 0.00	50.13 2.97 0.00	52.90 2.99 0.00	64.02 3.51 0.00	82.64 4.38 0.00	100.57 5.24 0.00	87.80 4.50 0.00	80.49 3.83 0.00	70.48 2.91 0.00	62.88 2.94 0.00	57.84 2.54 0.00	55.33 2.43 0.00
LOVETT___4 23642	54.88 1.91 0.00	52.28 1.67 0.00	50.90 1.72 0.00	51.57 1.70 0.00	52.46 1.87 0.00	55.77 2.25 0.00	78.11 3.43 0.00	91.99 3.96 0.00	65.22 3.28 0.00	58.83 3.33 0.00	50.62 3.13 0.00	49.89 3.04 0.00	49.08 3.00 0.00	50.13 2.97 0.00	52.90 2.99 0.00	64.02 3.51 0.00	82.64 4.38 0.00	100.57 5.24 0.00	87.80 4.50 0.00	80.49 3.83 0.00	70.48 2.91 0.00	62.88 2.94 0.00	57.84 2.54 0.00	55.33 2.43 0.00
LOVETT___5 23593	54.88 1.91 0.00	52.28 1.67 0.00	50.90 1.72 0.00	51.57 1.70 0.00	52.46 1.87 0.00	55.77 2.25 0.00	78.11 3.43 0.00	91.99 3.96 0.00	65.22 3.28 0.00	58.83 3.33 0.00	50.62 3.13 0.00	49.89 3.04 0.00	49.08 3.00 0.00	50.13 2.97 0.00	52.90 2.99 0.00	64.02 3.51 0.00	82.64 4.38 0.00	100.57 5.24 0.00	87.80 4.50 0.00	80.49 3.83 0.00	70.48 2.91 0.00	62.88 2.94 0.00	57.84 2.54 0.00	55.33 2.43 0.00
LOWER RAQUET___HYD 24057	53.50 0.53 0.00	51.16 0.56 0.00	49.77 0.59 0.00	50.32 0.45 0.00	51.50 0.91 0.00	54.00 0.48 0.00	74.37 -0.30 0.00	88.03 0.00 0.00	62.00 0.06 0.00	54.72 -0.78 0.00	47.06 -0.43 0.00	46.42 -0.42 0.00	45.44 -0.65 0.00	47.11 -0.05 0.00	50.00 0.10 0.00	59.36 -1.15 0.00	76.54 -1.72 0.00	93.14 -2.19 0.00	81.06 -2.25 0.00	75.89 -0.77 0.00	67.51 -0.07 0.00	59.94 0.00 0.00	55.96 0.67 0.00	54.11 1.22 0.00
LOWER___HUDSON 24059	54.46 1.48 0.00	52.12 1.52 0.00	50.61 1.43 0.00	51.27 1.39 0.00	52.10 1.52 0.00	55.23 1.71 0.00	77.06 2.39 0.00	90.85 2.82 0.00	63.86 1.92 0.00	56.83 1.33 0.00	48.29 0.81 0.00	47.83 0.99 0.00	47.10 1.01 0.00	48.15 0.99 0.00	51.25 1.35 0.00	62.32 1.81 0.00	80.92 2.66 0.00	98.57 3.24 0.00	86.22 2.91 0.00	79.42 2.76 0.00	69.94 2.36 0.00	62.04 2.10 0.00	57.17 1.88 0.00	54.59 1.69 0.00
LOWVILLE_115KV_TB2 356335	54.14 1.17 0.00	51.67 1.06 0.00	50.26 1.08 0.00	50.87 1.00 0.00	51.65 1.06 0.00	54.75 1.23 0.00	76.54 1.87 0.00	90.41 2.38 0.00	62.93 0.99 0.00	55.94 0.44 0.00	47.53 0.05 0.00	46.75 -0.09 0.00	45.90 -0.18 0.00	47.20 0.05 0.00	50.05 0.15 0.00	60.87 0.36 0.00	78.89 0.63 0.00	96.76 1.43 0.00	84.72 1.42 0.00	78.27 1.61 0.00	69.27 1.69 0.00	61.50 1.56 0.00	56.67 1.38 0.00	54.01 1.11 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	55.46 2.49 0.00	53.09 2.48 0.00	51.54 2.36 0.00	52.27 2.39 0.00	53.06 2.48 0.00	56.30 2.78 0.00	78.70 4.03 0.00	92.87 4.84 0.00	64.85 2.91 0.00	57.61 2.11 0.00	49.05 1.57 0.00	48.44 1.59 0.00	47.66 1.57 0.00	48.71 1.56 0.00	51.80 1.90 0.00	63.29 2.78 0.00	82.33 4.07 0.00	100.38 5.05 0.00	87.72 4.42 0.00	80.88 4.22 0.00	71.29 3.72 0.00	63.18 3.24 0.00	58.11 2.82 0.00	55.70 2.80 0.00

LUTHERNY_35_KV_BK2 355980	55.46 2.49 0.00	53.14 2.53 0.00	51.59 2.41 0.00	52.27 2.39 0.00	53.06 2.48 0.00	56.36 2.84 0.00	78.78 4.11 0.00	92.96 4.93 0.00	64.91 2.97 0.00	57.61 2.11 0.00	49.10 1.61 0.00	48.44 1.59 0.00	47.66 1.57 0.00	48.71 1.56 0.00	51.85 1.95 0.00	63.35 2.84 0.00	82.33 4.07 0.00	100.38 5.05 0.00	87.80 4.50 0.00	80.95 4.29 0.00	71.36 3.78 0.00	63.24 3.30 0.00	58.17 2.88 0.00	55.75 2.86 0.00
LWR___OSWEGATCHIE_HYD 23850	53.35 0.37 0.00	50.96 0.35 0.00	49.57 0.39 0.00	50.12 0.25 0.00	51.14 0.56 0.00	53.90 0.37 0.00	74.67 0.00 0.00	88.29 0.26 0.00	61.75 -0.19 0.00	55.06 -0.44 0.00	46.82 -0.66 0.00	46.14 -0.70 0.00	45.21 -0.88 0.00	46.73 -0.42 0.00	49.55 -0.35 0.00	59.54 -0.97 0.00	76.77 -1.49 0.00	93.90 -1.43 0.00	82.14 -1.17 0.00	76.20 -0.46 0.00	67.64 0.07 0.00	60.42 0.48 0.00	56.18 0.88 0.00	53.64 0.74 0.00
LYONS_FALL_HYD 23570	54.19 1.22 0.00	51.72 1.11 0.00	50.31 1.13 0.00	50.97 1.10 0.00	51.70 1.11 0.00	54.80 1.28 0.00	76.69 2.02 0.00	90.49 2.46 0.00	63.11 1.17 0.00	56.06 0.55 0.00	47.77 0.29 0.00	47.08 0.24 0.00	46.23 0.14 0.00	47.44 0.28 0.00	50.30 0.40 0.00	61.24 0.73 0.00	79.36 1.10 0.00	97.24 1.91 0.00	84.97 1.67 0.00	78.50 1.84 0.00	69.33 1.75 0.00	61.50 1.56 0.00	56.57 1.27 0.00	54.11 1.22 0.00
MADISON___COUNTY_LFGE 323628	54.56 1.59 0.00	52.07 1.47 0.00	50.65 1.48 0.00	51.37 1.50 0.00	52.00 1.42 0.00	55.13 1.61 0.00	77.28 2.61 0.00	91.29 3.26 0.00	63.80 1.86 0.00	56.89 1.39 0.00	48.48 1.00 0.00	47.74 0.89 0.00	46.96 0.88 0.00	48.10 0.94 0.00	50.95 1.05 0.00	62.08 1.57 0.00	80.53 2.27 0.00	98.09 2.76 0.00	85.80 2.50 0.00	79.04 2.38 0.00	69.67 2.09 0.00	61.68 1.74 0.00	56.79 1.49 0.00	54.16 1.27 0.00
MALONE___115KV_TB1 356076	53.40 0.42 0.00	51.16 0.56 0.00	49.72 0.54 0.00	50.32 0.45 0.00	51.60 1.01 0.00	54.00 0.48 0.00	74.45 -0.22 0.00	88.12 0.09 0.00	62.12 0.19 0.00	55.94 0.44 0.00	47.34 -0.14 0.00	46.75 -0.09 0.00	45.67 -0.41 0.00	47.44 0.28 0.00	50.50 0.60 0.00	59.96 -0.54 0.00	77.56 -0.70 0.00	94.66 -0.67 0.00	82.55 -0.75 0.00	76.74 0.08 0.00	67.98 0.41 0.00	60.36 0.42 0.00	56.62 1.33 0.00	54.27 1.38 0.00
MAPLEWOD_115KV_TB3 80458	54.35 1.38 0.00	52.02 1.42 0.00	50.51 1.33 0.00	51.17 1.30 0.00	52.00 1.42 0.00	55.13 1.61 0.00	76.99 2.31 0.00	90.85 2.82 0.00	63.74 1.80 0.00	56.72 1.22 0.00	48.43 0.95 0.00	47.88 1.03 0.00	47.10 1.01 0.00	48.19 1.04 0.00	51.20 1.30 0.00	62.26 1.75 0.00	80.84 2.58 0.00	98.48 3.15 0.00	86.05 2.75 0.00	79.34 2.68 0.00	69.87 2.30 0.00	61.98 2.04 0.00	57.01 1.71 0.00	54.59 1.69 0.00
MAPLE_RIDGE_WT_1 323574	52.82 -0.16 0.00	50.51 -0.10 0.00	49.08 -0.10 0.00	49.73 -0.15 0.00	50.64 0.05 0.00	53.36 -0.16 0.00	74.15 -0.52 0.00	87.50 -0.53 0.00	61.63 -0.31 0.00	55.00 -0.50 0.00	47.15 -0.33 0.00	46.52 -0.33 0.00	45.67 -0.42 0.00	46.97 -0.19 0.00	49.80 -0.10 0.00	60.02 -0.49 0.00	77.56 -0.71 0.00	94.47 -0.86 0.00	82.39 -0.91 0.00	76.20 -0.46 0.00	67.31 -0.27 0.00	59.65 -0.30 0.00	55.24 -0.06 0.00	53.05 0.16 0.00
MAPLE_RIDGE_WT_2 323611	52.82 -0.16 0.00	50.51 -0.10 0.00	49.08 -0.10 0.00	49.73 -0.15 0.00	50.64 0.05 0.00	53.36 -0.16 0.00	74.15 -0.52 0.00	87.50 -0.53 0.00	61.63 -0.31 0.00	55.00 -0.50 0.00	47.15 -0.33 0.00	46.52 -0.33 0.00	45.67 -0.42 0.00	46.97 -0.19 0.00	49.80 -0.10 0.00	60.02 -0.49 0.00	77.56 -0.71 0.00	94.47 -0.86 0.00	82.39 -0.91 0.00	76.20 -0.46 0.00	67.31 -0.27 0.00	59.65 -0.30 0.00	55.24 -0.06 0.00	53.05 0.16 0.00
MARBLE_RIVER_WT_PWR 323696	52.61 -0.37 0.00	50.35 -0.25 0.00	48.98 -0.20 0.00	49.58 -0.30 0.00	50.74 0.15 0.00	53.04 -0.48 0.00	73.03 -1.64 0.00	86.35 -1.68 0.00	60.95 -0.99 0.00	54.23 -1.27 0.00	46.68 -0.81 0.00	46.09 -0.75 0.00	45.12 -0.97 0.00	46.73 -0.43 0.00	49.75 -0.15 0.00	59.12 -1.39 0.00	76.46 -1.80 0.00	93.04 -2.29 0.00	80.89 -2.42 0.00	75.43 -1.23 0.00	66.83 -0.74 0.00	58.93 -1.02 0.00	55.13 -0.17 0.00	53.53 0.64 0.00
MARSHVLE_115KV_TB1 80742	52.82 -0.16 0.00	50.51 -0.10 0.00	49.03 -0.15 0.00	49.72 -0.15 0.00	50.53 -0.05 0.00	53.36 -0.16 0.00	74.97 0.30 0.00	88.03 0.00 0.00	59.96 -1.98 0.00	52.45 -3.05 0.00	44.54 -2.94 0.00	44.04 -2.81 0.00	43.28 -2.81 0.00	44.28 -2.88 0.00	47.26 -2.64 0.00	58.88 -1.63 0.00	78.03 -0.23 0.00	95.43 0.10 0.00	83.47 0.17 0.00	77.12 0.46 0.00	67.78 0.20 0.00	60.24 0.30 0.00	55.13 -0.17 0.00	52.68 -0.21 0.00
MARSH_HILL_WT_PWR 323713	54.51 1.54 0.00	52.43 1.82 0.00	50.95 1.77 0.00	51.92 2.05 0.00	52.10 1.52 0.00	53.90 0.38 0.00	75.05 0.38 0.00	87.24 -0.79 0.00	60.33 -1.61 0.00	54.78 -0.72 0.00	47.15 -0.33 0.00	46.24 -0.61 0.00	45.63 -0.46 0.00	46.50 -0.66 0.00	48.41 -1.50 0.00	58.51 -2.00 0.00	75.57 -2.66 0.03	92.64 -2.67 0.02	80.95 -2.33 0.02	74.48 -2.15 0.03	66.36 -1.21 0.00	57.73 -2.22 0.00	53.74 -1.55 0.00	53.05 0.16 0.00
MCINTYRE_115KV_TB2 80467	54.51 1.54 0.00	52.12 1.52 0.00	50.70 1.52 0.00	51.27 1.40 0.00	52.46 1.87 0.00	55.02 1.50 0.00	76.09 1.42 0.00	89.88 1.85 0.00	62.87 0.93 0.00	56.11 0.61 0.00	47.39 -0.09 0.00	46.75 -0.09 0.00	45.72 -0.37 0.00	47.49 0.33 0.00	50.50 0.60 0.00	60.15 -0.36 0.00	78.10 -0.16 0.00	95.71 0.38 0.00	83.72 0.42 0.00	77.96 1.30 0.00	69.20 1.62 0.00	61.62 1.68 0.00	57.61 2.32 0.00	55.12 2.22 0.00
MECO_____69_KV_BK1 80468	54.67 1.70 0.00	52.33 1.72 0.00	50.75 1.57 0.00	51.47 1.60 0.00	52.30 1.72 0.00	55.88 2.35 0.00	78.48 3.81 0.00	92.17 4.14 0.00	62.87 0.93 0.00	55.00 -0.50 0.00	46.63 -0.85 0.00	45.86 -0.98 0.00	45.12 -0.97 0.00	46.31 -0.85 0.00	49.55 -0.35 0.00	61.72 1.21 0.00	81.47 3.21 0.00	99.81 4.48 0.00	87.30 4.00 0.00	80.65 3.99 0.00	70.96 3.38 0.00	62.88 2.94 0.00	57.56 2.27 0.00	55.06 2.17 0.00
MENANDS___115KV_TB5 355628	53.45 0.48 0.00	51.11 0.51 0.00	49.67 0.49 0.00	50.27 0.40 0.00	51.14 0.56 0.00	54.16 0.64 0.00	75.49 0.82 0.00	89.09 1.06 0.00	62.68 0.74 0.00	55.89 0.39 0.00	47.91 0.43 0.00	47.36 0.52 0.00	46.64 0.55 0.00	47.68 0.52 0.00	50.55 0.65 0.00	61.36 0.85 0.00	79.51 1.25 0.00	96.76 1.43 0.00	84.55 1.25 0.00	77.89 1.23 0.00	68.52 0.95 0.00	60.84 0.90 0.00	56.01 0.72 0.00	53.69 0.79 0.00
MG INDUSTRY___DRP 24185	54.09 1.11 0.00	51.72 1.11 0.00	50.21 1.03 0.00	50.92 1.05 0.00	51.70 1.11 0.00	54.75 1.23 0.00	76.39 1.72 0.00	90.05 2.02 0.00	63.12 1.18 0.00	56.22 0.72 0.00	48.01 0.52 0.00	47.41 0.56 0.00	46.64 0.55 0.00	47.72 0.57 0.00	50.65 0.75 0.00	61.72 1.21 0.00	80.06 1.80 0.00	97.52 2.19 0.00	85.30 2.00 0.00	78.58 1.92 0.00	69.20 1.62 0.00	61.44 1.50 0.00	56.62 1.33 0.00	54.27 1.38 0.00

MID___OSWEGATCHIE_HYD 23849	53.35 0.37 0.00	50.96 0.35 0.00	49.57 0.39 0.00	50.12 0.25 0.00	51.14 0.56 0.00	53.90 0.37 0.00	74.67 0.00 0.00	88.29 0.26 0.00	61.75 -0.19 0.00	55.06 -0.44 0.00	46.82 -0.66 0.00	46.14 -0.70 0.00	45.21 -0.88 0.00	46.73 -0.42 0.00	49.55 -0.35 0.00	59.54 -0.97 0.00	76.77 -1.49 0.00	93.90 -1.43 0.00	82.14 -1.17 0.00	76.20 -0.46 0.00	67.64 0.07 0.00	60.42 0.48 0.00	56.18 0.88 0.00	53.64 0.74 0.00
MID___RAQUETTE_HYD 23851	53.50 0.53 0.00	51.16 0.56 0.00	49.77 0.59 0.00	50.32 0.45 0.00	51.50 0.91 0.00	54.00 0.48 0.00	74.37 -0.30 0.00	88.03 0.00 0.00	62.00 0.06 0.00	55.56 0.06 0.00	47.06 -0.43 0.00	46.42 -0.42 0.00	45.44 -0.65 0.00	47.11 -0.05 0.00	50.00 0.10 0.00	59.36 -1.15 0.00	76.54 -1.72 0.00	93.33 -2.00 0.00	81.47 -1.83 0.00	75.89 -0.77 0.00	67.51 -0.07 0.00	60.30 0.36 0.00	56.51 1.22 0.00	54.11 1.22 0.00
MILLIKEN___1 23584	54.14 1.17 0.00	51.82 1.21 0.00	50.31 1.13 0.00	51.12 1.25 0.00	51.60 1.01 0.00	54.54 1.02 0.00	76.31 1.64 0.00	89.97 1.94 0.00	62.87 0.93 0.00	56.28 0.78 0.00	48.01 0.52 0.00	47.27 0.42 0.00	46.55 0.46 0.00	47.63 0.47 0.00	50.35 0.45 0.00	61.24 0.73 0.00	79.46 1.17 -0.02	96.96 1.62 -0.01	84.82 1.50 -0.01	78.14 1.46 -0.02	68.86 1.28 0.00	60.78 0.84 0.00	56.07 0.77 0.00	53.48 0.58 0.00
MILLIKEN___2 23585	54.14 1.17 0.00	51.82 1.21 0.00	50.31 1.13 0.00	51.12 1.25 0.00	51.60 1.01 0.00	54.54 1.02 0.00	76.31 1.64 0.00	89.97 1.94 0.00	62.87 0.93 0.00	56.28 0.78 0.00	48.01 0.52 0.00	47.27 0.42 0.00	46.55 0.46 0.00	47.63 0.47 0.00	50.35 0.45 0.00	61.24 0.73 0.00	79.46 1.17 -0.02	96.96 1.62 -0.01	84.82 1.50 -0.01	78.14 1.46 -0.02	68.86 1.28 0.00	60.78 0.84 0.00	56.07 0.77 0.00	53.48 0.58 0.00
MILLIKEN___DIESEL 23629	54.14 1.17 0.00	51.82 1.21 0.00	50.31 1.13 0.00	51.12 1.25 0.00	51.60 1.01 0.00	54.54 1.02 0.00	76.31 1.64 0.00	89.97 1.94 0.00	62.87 0.93 0.00	56.28 0.78 0.00	48.01 0.52 0.00	47.27 0.42 0.00	46.55 0.46 0.00	47.63 0.47 0.00	50.35 0.45 0.00	61.24 0.73 0.00	79.46 1.17 -0.02	96.96 1.62 -0.01	84.82 1.50 -0.01	78.14 1.46 -0.02	68.86 1.28 0.00	60.78 0.84 0.00	56.07 0.77 0.00	53.48 0.58 0.00
MILLSEAT___LFGE 323607	53.45 0.48 0.00	51.31 0.71 0.00	49.92 0.74 0.00	50.87 1.00 0.00	51.09 0.51 0.00	52.34 -1.18 0.00	72.21 -2.46 0.00	84.34 -3.69 0.00	58.91 -3.03 0.00	53.50 -2.00 0.00	46.06 -1.42 0.00	45.21 -1.64 0.00	44.52 -1.57 0.00	45.46 -1.70 0.00	47.21 -2.70 0.00	57.12 -3.39 0.00	73.56 -4.69 0.01	90.65 -4.67 0.01	79.13 -4.16 0.01	72.28 -4.37 0.01	65.08 -2.50 0.00	56.71 -3.24 0.00	52.53 -2.76 0.00	52.21 -0.69 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	54.99 2.01 0.00	52.38 1.77 0.00	50.95 1.77 0.00	51.67 1.80 0.00	52.56 1.97 0.00	55.88 2.35 0.00	78.18 3.51 0.00	92.17 4.14 0.00	65.35 3.41 0.00	58.89 3.39 0.00	50.71 3.23 0.00	49.98 3.14 0.00	49.13 3.04 0.00	50.22 3.07 0.00	53.00 3.09 0.00	64.20 3.69 0.00	82.80 4.54 0.00	100.76 5.43 0.00	87.97 4.67 0.00	80.72 4.06 0.00	70.62 3.04 0.00	63.06 3.12 0.00	57.95 2.65 0.00	55.43 2.54 0.00
MILLWOOD_13_KV_LOAD 356217	55.09 2.12 0.00	52.48 1.87 0.00	51.10 1.92 0.00	51.77 1.90 0.00	52.66 2.07 0.00	55.98 2.46 0.00	78.40 3.73 0.00	92.43 4.40 0.00	65.47 3.53 0.00	59.00 3.50 0.00	50.86 3.37 0.00	50.08 3.23 0.00	49.22 3.13 0.00	50.27 3.11 0.00	53.10 3.19 0.00	64.32 3.81 0.00	82.96 4.70 0.00	101.05 5.72 0.00	88.22 4.91 0.00	80.95 4.29 0.00	70.82 3.24 0.00	63.18 3.24 0.00	58.11 2.82 0.00	55.59 2.70 0.00
MODEL_CITY_ENERGY 24167	52.02 -0.95 0.00	50.00 -0.61 0.00	48.69 -0.49 0.00	49.58 -0.30 0.00	49.83 -0.76 0.00	50.74 -2.79 0.00	69.59 -5.08 0.00	80.90 -7.13 0.00	56.61 -5.33 0.00	51.84 -3.66 0.00	44.83 -2.66 0.00	43.94 -2.90 0.00	43.37 -2.72 0.00	44.23 -2.92 0.00	45.81 -4.09 0.00	55.18 -5.33 0.00	70.81 -7.44 0.01	87.03 -8.29 0.01	76.13 -7.16 0.01	69.44 -7.21 0.01	62.58 -5.00 0.00	54.67 -5.28 0.00	50.76 -4.53 0.00	50.72 -2.17 0.00
MODERN_LFGE___ 323580	52.02 -0.95 0.00	50.00 -0.61 0.00	48.69 -0.49 0.00	49.58 -0.30 0.00	49.83 -0.76 0.00	50.74 -2.79 0.00	69.59 -5.08 0.00	80.90 -7.13 0.00	56.61 -5.33 0.00	51.84 -3.66 0.00	44.83 -2.66 0.00	43.94 -2.90 0.00	43.37 -2.72 0.00	44.23 -2.92 0.00	45.81 -4.09 0.00	55.18 -5.33 0.00	70.81 -7.44 0.01	87.03 -8.29 0.01	76.13 -7.16 0.01	69.44 -7.21 0.01	62.58 -5.00 0.00	54.67 -5.28 0.00	50.76 -4.53 0.00	50.72 -2.17 0.00
MOHAWK_PAPER___DRP 24187	54.35 1.38 0.00	52.02 1.42 0.00	50.51 1.33 0.00	51.17 1.30 0.00	52.00 1.42 0.00	55.13 1.61 0.00	76.99 2.31 0.00	90.85 2.82 0.00	63.74 1.80 0.00	56.72 1.22 0.00	48.43 0.95 0.00	47.88 1.03 0.00	47.10 1.01 0.00	48.19 1.04 0.00	51.20 1.30 0.00	62.26 1.75 0.00	80.84 2.58 0.00	98.48 3.15 0.00	86.05 2.75 0.00	79.34 2.68 0.00	69.87 2.30 0.00	61.98 2.04 0.00	57.01 1.71 0.00	54.59 1.69 0.00
MOHICAN___35_KV_115KV_LD 80490	56.31 3.34 0.00	54.00 3.39 0.00	52.38 3.20 0.00	53.07 3.19 0.00	53.92 3.34 0.00	57.32 3.80 0.00	80.27 5.60 0.00	94.81 6.78 0.00	65.84 3.90 0.00	58.33 2.83 0.00	49.62 2.14 0.00	48.95 2.11 0.00	48.12 2.03 0.00	49.14 1.98 0.00	52.30 2.40 0.00	64.08 3.57 0.00	83.50 5.24 0.00	102.00 6.67 0.00	89.14 5.83 0.00	82.26 5.60 0.00	72.64 5.07 0.00	64.26 4.32 0.00	59.05 3.76 0.00	56.60 3.70 0.00
MONGAUP___HYD 23641	55.20 2.22 0.00	52.58 1.97 0.00	51.10 1.92 0.00	51.82 1.94 0.00	52.61 2.03 0.00	56.04 2.52 0.00	78.55 3.88 0.00	92.52 4.49 0.00	65.10 3.16 0.00	58.38 2.88 0.00	49.90 2.42 0.00	49.14 2.29 0.00	48.26 2.17 0.00	49.37 2.22 0.00	52.20 2.30 0.00	63.47 2.96 0.00	82.33 4.07 0.00	100.38 5.05 0.00	87.88 4.58 0.00	80.57 3.91 0.00	70.69 3.11 0.00	62.94 3.00 0.00	58.17 2.87 0.00	55.28 2.38 0.00
MONTAUK___DIESEL 23721	59.12 6.15 0.00	55.87 5.26 0.00	54.29 5.11 0.00	54.86 4.99 0.00	56.00 5.41 0.00	59.62 6.10 0.00	81.54 6.87 0.00	95.95 7.92 0.00	69.25 7.31 0.00	63.56 8.05 -0.01	62.85 7.41 -7.96	62.78 7.17 -8.77	62.79 7.05 -9.65	58.34 7.07 -4.11	66.10 7.44 -8.76	70.41 9.44 -0.46	90.37 12.05 -0.05	114.13 14.68 -4.12	96.19 12.83 -0.05	91.47 11.35 -3.46	76.63 9.06 0.00	68.56 8.57 -0.05	62.02 6.69 -0.04	59.82 6.93 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	54.62 1.64 0.00	52.43 1.82 0.00	50.95 1.77 0.00	51.87 1.99 0.00	51.65 1.06 0.00	53.47 -0.05 0.00	75.04 0.37 0.00	87.06 -0.97 0.00	60.20 -1.73 0.00	55.39 -0.11 0.00	47.67 0.19 0.00	46.89 0.05 0.00	46.27 0.18 0.00	47.11 -0.05 0.00	48.65 -1.25 0.00	58.45 -2.06 0.00	75.58 -2.66 0.02	92.37 -2.96 0.01	80.88 -2.42 0.01	74.19 -2.45 0.02	66.36 -1.22 0.00	57.49 -2.46 0.00	53.58 -1.71 0.00	51.78 -1.11 0.00

MORRIS_RIDGE___SOLAR 323848	53.66 0.69 0.00	51.52 0.91 0.00	50.11 0.93 0.00	51.02 1.15 0.00	51.24 0.66 0.00	52.82 -0.70 0.00	73.25 -1.42 0.00	85.13 -2.90 0.00	58.91 -3.03 0.00	53.61 -1.89 0.00	46.25 -1.23 0.00	45.44 -1.40 0.00	44.85 -1.24 0.00	45.69 -1.46 0.00	47.46 -2.44 0.00	57.36 -3.15 0.00	74.16 -4.07 0.02	90.93 -4.38 0.01	79.38 -3.91 0.01	72.81 -3.83 0.02	65.08 -2.50 0.00	56.65 -3.30 0.00	52.75 -2.54 0.00	52.21 -0.69 0.00
MORTIMER_115KV_TB3 55949	53.03 0.05 0.00	50.81 0.20 0.00	49.38 0.20 0.00	50.27 0.40 0.00	50.38 -0.20 0.00	52.56 -0.96 0.00	72.80 -1.87 0.00	85.39 -2.64 0.00	59.90 -2.04 0.00	54.06 -1.44 0.00	46.30 -1.19 0.00	45.67 -1.17 0.00	44.98 -1.11 0.00	45.98 -1.18 0.00	48.16 -1.75 0.00	58.15 -2.36 0.00	75.04 -3.21 0.01	92.18 -3.15 0.00	80.30 -3.00 0.00	73.59 -3.07 0.01	65.75 -1.82 0.00	57.61 -2.34 0.00	53.30 -1.99 0.00	51.15 -1.75 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	55.20 2.22 0.00	52.58 1.97 0.00	51.20 2.02 0.00	51.92 2.04 0.00	52.86 2.28 0.00	56.20 2.68 0.00	78.55 3.88 0.00	92.61 4.58 0.00	65.78 3.84 0.00	59.12 3.83 0.21	50.80 3.66 0.34	50.03 3.51 0.33	49.26 3.46 0.28	50.43 3.44 0.17	53.25 3.54 0.19	64.68 4.18 0.00	83.35 5.09 0.00	101.43 6.10 0.00	88.55 5.25 0.00	81.18 4.52 0.00	70.96 3.38 0.00	63.42 3.48 0.00	58.33 3.04 0.00	55.80 2.91 0.00
MUNSVILLE_WIND_PWR 323609	57.69 4.71 0.00	55.06 4.45 0.00	53.51 4.33 0.00	54.31 4.44 0.00	54.94 4.35 0.00	58.23 4.71 0.00	82.14 7.47 0.00	97.10 9.07 0.00	67.14 5.20 0.00	59.50 4.00 0.00	50.33 2.85 0.00	49.42 2.57 0.00	48.58 2.49 0.00	49.75 2.59 0.00	52.70 2.79 0.00	64.87 4.36 0.00	84.85 6.57 -0.01	104.01 8.67 -0.01	90.97 7.66 -0.01	83.80 7.13 -0.01	73.79 6.21 0.00	65.10 5.16 0.00	59.72 4.43 0.00	57.07 4.18 0.00
N SALMON___HYD 24042	53.40 0.42 0.00	51.16 0.56 0.00	49.72 0.54 0.00	50.32 0.45 0.00	51.60 1.01 0.00	54.00 0.48 0.00	74.45 -0.22 0.00	88.12 0.09 0.00	62.13 0.19 0.00	55.00 -0.50 0.00	47.34 -0.14 0.00	46.75 -0.09 0.00	45.67 -0.42 0.00	47.44 0.28 0.00	50.50 0.60 0.00	59.96 -0.55 0.00	77.56 -0.71 0.00	94.47 -0.86 0.00	82.14 -1.17 0.00	76.74 0.08 0.00	67.98 0.41 0.00	59.88 -0.06 0.00	55.90 0.61 0.00	54.27 1.37 0.00
N.AKRON__115KV_KNAPP 355671	53.35 0.37 0.00	51.21 0.61 0.00	49.87 0.69 0.00	50.77 0.90 0.00	50.64 0.05 0.00	52.24 -1.28 0.00	71.98 -2.69 0.00	84.07 -3.96 0.00	58.66 -3.28 0.00	53.39 -2.11 0.00	45.73 -1.76 0.00	45.07 -1.78 0.00	44.48 -1.61 0.00	45.37 -1.79 0.00	47.11 -2.79 0.00	56.82 -3.69 0.00	73.32 -4.93 0.01	90.18 -5.15 0.01	78.72 -4.58 0.01	72.05 -4.60 0.01	64.81 -2.77 0.00	56.35 -3.60 0.00	52.36 -2.93 0.00	50.41 -2.49 0.00
N.E_GEN_SANDY PD 24062	54.30 1.32 0.00	51.97 1.37 0.00	50.46 1.28 0.00	51.12 1.25 0.00	51.95 1.37 0.00	55.02 1.50 0.00	76.79 2.02 -0.10	90.30 2.38 0.10	63.74 1.80 0.00	56.78 1.28 0.00	48.10 0.62 0.00	47.73 0.89 0.00	47.01 0.92 0.00	48.10 0.94 0.00	51.25 1.35 0.00	62.14 1.63 0.00	80.76 2.50 0.00	98.29 2.96 0.00	86.05 2.74 0.00	79.27 2.61 0.00	70.00 2.23 -0.20	61.92 1.98 0.00	61.99 1.82 -4.88	54.48 1.59 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	54.99 2.01 0.00	52.38 1.77 0.00	50.95 1.77 0.00	51.67 1.80 0.00	52.51 1.92 0.00	55.88 2.35 0.00	78.25 3.58 0.00	92.17 4.14 0.00	65.22 3.28 0.00	58.83 3.33 0.00	50.62 3.13 0.00	49.89 3.04 0.00	49.08 3.00 0.00	50.13 2.97 0.00	52.90 2.99 0.00	64.08 3.57 0.00	82.72 4.46 0.00	100.67 5.34 0.00	87.89 4.58 0.00	80.57 3.91 0.00	70.55 2.97 0.00	62.94 3.00 0.00	57.95 2.65 0.00	55.43 2.54 0.00
N.QUEENS_27_KV_LOAD 356247	55.46 2.49 0.00	52.88 2.28 0.00	51.65 2.46 -0.01	52.33 2.44 -0.01	53.27 2.68 -0.01	56.69 3.16 -0.01	78.63 3.96 0.00	92.70 4.67 0.00	65.59 3.65 0.00	64.75 3.61 -5.64	60.00 3.70 -8.81	59.14 3.61 -8.69	57.06 3.59 -7.38	55.11 3.54 -4.41	58.52 3.64 -4.97	64.82 4.30 -0.02	83.04 4.77 0.00	101.24 5.91 0.00	88.30 5.00 0.00	80.88 4.22 0.00	70.62 3.04 0.00	63.42 3.48 0.00	58.67 3.37 0.00	56.18 3.28 -0.01
N.TROY___115KV_TB1 355778	54.46 1.48 0.00	52.12 1.52 0.00	50.61 1.43 0.00	51.27 1.40 0.00	52.10 1.52 0.00	55.23 1.71 0.00	77.06 2.39 0.00	90.85 2.82 0.00	63.86 1.92 0.00	56.78 1.28 0.00	48.39 0.90 0.00	47.83 0.98 0.00	47.06 0.97 0.00	48.15 0.99 0.00	51.25 1.35 0.00	62.32 1.82 0.00	80.92 2.66 0.00	98.57 3.24 0.00	86.22 2.92 0.00	79.42 2.76 0.00	69.94 2.37 0.00	62.04 2.10 0.00	57.12 1.82 0.00	54.69 1.80 0.00
NARROWS_GT1_1 24228	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
NARROWS_GT1_2 24229	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
NARROWS_GT1_3 24230	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
NARROWS_GT1_4 24231	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
NARROWS_GT1_5 24232	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01

NARROWS_GT1_6 24233	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
NARROWS_GT1_7 24234	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
NARROWS_GT1_8 24235	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
NARROWS_GT2_1 24236	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
NARROWS_GT2_2 24237	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
NARROWS_GT2_3 24238	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
NARROWS_GT2_4 24239	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
NARROWS_GT2_5 24240	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
NARROWS_GT2_6 24241	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
NARROWS_GT2_7 24242	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
NARROWS_GT2_8 24243	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.62 2.74 -0.01	53.42 2.83 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.85 3.90 -0.01	64.59 3.44 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.62 3.14 -7.39	54.75 3.16 -4.43	58.12 3.24 -4.97	64.88 4.36 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.72 3.78 0.00	59.05 3.76 0.00	56.24 3.33 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	55.04 2.07 0.00	52.58 1.97 0.00	51.10 1.92 0.00	51.77 1.90 0.00	52.66 2.07 0.00	55.93 2.41 0.00	78.33 3.66 0.00	92.43 4.40 0.00	64.35 2.42 0.00	56.94 1.44 0.00	48.29 0.81 0.00	47.55 0.70 0.00	46.69 0.60 0.00	47.77 0.61 0.00	50.85 0.95 0.00	62.38 1.88 0.00	81.39 3.13 0.00	99.33 4.00 0.00	87.05 3.75 0.00	80.11 3.45 0.00	70.48 2.91 0.00	62.58 2.64 0.00	57.84 2.54 0.00	55.33 2.43 0.00
NCHELSEA_115KV_TR2 355582	55.25 2.28 0.00	52.63 2.02 0.00	51.20 2.02 0.00	51.92 2.04 0.00	52.81 2.23 0.00	56.14 2.62 0.00	78.63 3.96 0.00	92.70 4.67 0.00	65.53 3.59 0.00	58.94 3.44 0.00	50.52 3.04 0.00	49.75 2.90 0.00	48.90 2.81 0.00	49.99 2.83 0.00	52.85 2.94 0.00	64.20 3.69 0.00	82.96 4.70 0.00	100.95 5.62 0.00	88.22 4.91 0.00	80.88 4.22 0.00	70.89 3.31 0.00	63.18 3.24 0.00	58.28 2.99 0.00	55.65 2.75 0.00
NEG CAPITAL____MECHNVIL 23645	55.41 2.44 0.00	53.09 2.48 0.00	51.54 2.36 0.00	52.22 2.34 0.00	53.01 2.43 0.00	56.30 2.78 0.00	78.70 4.03 0.00	92.87 4.84 0.00	64.85 2.91 0.00	57.66 2.16 0.00	49.05 1.56 0.00	48.44 1.59 0.00	47.70 1.61 0.00	48.76 1.60 0.00	51.85 1.94 0.00	63.35 2.84 0.00	82.41 4.15 0.00	100.47 5.14 0.00	87.88 4.58 0.00	80.95 4.29 0.00	71.36 3.78 0.00	63.18 3.23 0.00	58.17 2.87 0.00	55.64 2.75 0.00
NEG CENTRAL_HIGH_ACRES 23767	51.86 -1.11 0.00	49.70 -0.91 0.00	48.30 -0.88 0.00	49.13 -0.75 0.00	49.57 -1.01 0.00	51.70 -1.82 0.00	71.83 -2.84 0.00	84.34 -3.69 0.00	59.22 -2.72 0.00	53.34 -2.17 0.00	45.73 -1.76 0.00	44.97 -1.88 0.00	44.29 -1.80 0.00	45.27 -1.89 0.00	47.56 -2.34 0.00	57.67 -2.84 0.00	74.35 -3.91 0.00	91.14 -4.19 0.00	79.47 -3.83 0.00	72.83 -3.83 0.00	64.94 -2.64 0.00	57.07 -2.88 0.00	52.64 -2.65 0.00	51.20 -1.69 0.00



NEG CENTRAL___DRP 24199	52.98 0.00 0.00	50.66 0.05 0.00	49.18 0.00 0.00	49.97 0.10 0.00	50.43 -0.15 0.00	53.20 -0.32 0.00	74.15 -0.52 0.00	87.33 -0.70 0.00	61.20 -0.74 0.00	54.89 -0.61 0.00	46.91 -0.57 0.00	46.24 -0.61 0.00	45.54 -0.55 0.00	46.54 -0.61 0.00	49.10 -0.80 0.00	59.54 -0.97 0.00	77.09 -1.17 0.00	94.19 -1.14 0.00	82.22 -1.08 0.00	75.66 -1.00 0.00	66.97 -0.61 0.00	58.99 -0.96 0.00	54.46 -0.83 0.00	52.05 -0.85 0.00
NEG CENTRAL___INDECK 23768	55.25 2.28 0.00	52.99 2.38 0.00	51.49 2.31 0.00	52.52 2.64 0.00	52.76 2.17 0.00	54.86 1.34 0.00	76.39 1.72 0.00	89.35 1.32 0.00	61.94 0.00 0.00	55.67 0.17 0.00	47.53 0.05 0.00	46.57 -0.28 0.00	45.91 -0.18 0.00	46.97 -0.19 0.00	49.16 -0.75 0.00	59.72 -0.79 0.00	74.80 -3.44 0.02	92.18 -3.14 0.01	80.62 -2.67 0.01	73.96 -2.69 0.02	66.23 -1.35 0.00	57.67 -2.28 0.00	55.24 -0.06 0.00	54.11 1.22 0.00
NEG CENTRAL___SENECA 23627	52.98 0.00 0.00	50.71 0.10 0.00	49.28 0.10 0.00	50.07 0.20 0.00	50.43 -0.15 0.00	53.09 -0.43 0.00	73.92 -0.75 0.00	87.06 -0.97 0.00	61.01 -0.93 0.00	54.72 -0.78 0.00	46.77 -0.71 0.00	46.10 -0.75 0.00	45.40 -0.69 0.00	46.45 -0.71 0.00	48.90 -1.00 0.00	59.30 -1.21 0.00	76.77 -1.49 0.00	93.90 -1.43 0.00	81.89 -1.42 0.00	75.20 -1.46 0.00	66.83 -0.74 0.00	58.69 -1.26 0.00	54.19 -1.11 0.00	51.84 -1.06 0.00
NEG CENTRAL___STATE_STREET 24147	53.13 0.16 0.00	50.81 0.20 0.00	49.33 0.15 0.00	50.12 0.25 0.00	50.64 0.05 0.00	53.47 -0.05 0.00	74.75 0.07 0.00	88.12 0.09 0.00	61.69 -0.25 0.00	55.17 -0.33 0.00	47.15 -0.33 0.00	46.47 -0.37 0.00	45.72 -0.37 0.00	46.78 -0.38 0.00	49.45 -0.45 0.00	60.03 -0.48 0.00	77.79 -0.47 0.00	94.95 -0.38 0.00	82.97 -0.33 0.00	76.43 -0.23 0.00	67.51 -0.07 0.00	59.59 -0.36 0.00	54.91 -0.39 0.00	52.42 -0.48 0.00
NEG MILLWOOD___DRP 24198	55.46 2.49 0.00	52.83 2.23 0.00	51.39 2.21 0.00	52.07 2.19 0.00	53.01 2.43 0.00	56.36 2.84 0.00	79.00 4.33 0.00	93.14 5.11 0.00	65.90 3.96 0.00	59.22 3.72 0.00	50.90 3.42 0.00	50.08 3.23 0.00	49.18 3.09 0.00	50.27 3.11 0.00	53.10 3.19 0.00	64.50 3.99 0.00	83.35 5.09 0.00	101.53 6.20 0.00	88.80 5.50 0.00	81.41 4.75 0.00	71.23 3.65 0.00	63.60 3.66 0.00	58.44 3.15 0.00	55.91 3.01 0.00
NEG NORTH_FLCN_SEA 23793	52.92 -0.05 0.00	50.71 0.10 0.00	49.33 0.15 0.00	49.87 0.00 0.00	51.09 0.51 0.00	53.04 -0.48 0.00	72.65 -2.02 0.00	86.01 -2.02 0.00	60.70 -1.24 0.00	55.06 -0.44 0.00	46.68 -0.81 0.00	46.10 -0.75 0.00	45.12 -0.97 0.00	46.78 -0.38 0.00	49.80 -0.10 0.00	58.88 -1.63 0.00	76.15 -2.11 0.00	92.95 -2.38 0.00	81.05 -2.25 0.00	75.20 -1.46 0.00	66.56 -1.01 0.00	59.41 -0.54 0.00	56.23 0.94 0.00	53.90 1.00 0.00
NEG NORTH_KES_CHATEGAY 23792	52.71 -0.26 0.00	50.51 -0.10 0.00	49.13 -0.05 0.00	49.72 -0.15 0.00	50.94 0.35 0.00	53.25 -0.27 0.00	73.40 -1.27 0.00	86.80 -1.23 0.00	61.26 -0.68 0.00	55.17 -0.33 0.00	46.77 -0.71 0.00	46.19 -0.66 0.00	45.12 -0.97 0.00	46.83 -0.33 0.00	49.85 -0.05 0.00	59.24 -1.27 0.00	76.62 -1.64 0.00	93.52 -1.81 0.00	81.64 -1.67 0.00	75.74 -0.92 0.00	67.10 -0.47 0.00	59.65 -0.30 0.00	56.01 0.72 0.00	53.69 0.79 0.00
NEG NORTH___ALICE_FALLS 23915	53.13 0.16 0.00	50.91 0.30 0.00	49.52 0.34 0.00	50.07 0.20 0.00	51.34 0.76 0.00	53.47 -0.05 0.00	73.48 -1.19 0.00	86.97 -1.06 0.00	61.32 -0.62 0.00	55.44 -0.06 0.00	46.96 -0.52 0.00	46.38 -0.47 0.00	45.35 -0.74 0.00	47.06 -0.09 0.00	50.15 0.25 0.00	59.42 -1.09 0.00	77.01 -1.25 0.00	94.00 -1.33 0.00	81.97 -1.33 0.00	76.12 -0.54 0.00	67.37 -0.20 0.00	59.88 -0.06 0.00	56.45 1.16 0.00	54.11 1.22 0.00
NEG NORTH___LWR_SARANAC 23913	53.13 0.16 0.00	50.91 0.30 0.00	49.52 0.34 0.00	50.07 0.20 0.00	51.34 0.76 0.00	53.47 -0.05 0.00	73.48 -1.19 0.00	86.97 -1.06 0.00	61.32 -0.62 0.00	55.44 -0.06 0.00	46.96 -0.52 0.00	46.38 -0.47 0.00	45.35 -0.74 0.00	47.06 -0.09 0.00	50.15 0.25 0.00	59.42 -1.09 0.00	77.01 -1.25 0.00	94.00 -1.33 0.00	81.97 -1.33 0.00	76.12 -0.54 0.00	67.37 -0.20 0.00	59.88 -0.06 0.00	56.45 1.16 0.00	54.11 1.22 0.00
NEG NORTH___PLATTSBURG 23628	53.13 0.16 0.00	50.91 0.31 0.00	49.53 0.35 0.00	50.07 0.20 0.00	51.34 0.76 0.00	53.47 -0.05 0.00	73.47 -1.20 0.00	86.98 -1.05 0.00	61.32 -0.62 0.00	54.56 -0.94 0.00	46.96 -0.52 0.00	46.38 -0.47 0.00	45.35 -0.74 0.00	47.06 -0.09 0.00	50.15 0.25 0.00	59.42 -1.09 0.00	77.01 -1.26 0.00	93.80 -1.53 0.00	81.55 -1.75 0.00	76.13 -0.53 0.00	67.37 -0.20 0.00	59.29 -0.66 0.00	55.51 0.22 0.00	54.11 1.22 0.00
NEG WEST_LEA_LOCKPORT 23791	52.60 -0.37 0.00	50.51 -0.10 0.00	49.23 0.05 0.00	50.12 0.25 0.00	49.93 -0.66 0.00	51.33 -2.19 0.00	70.41 -4.26 0.00	81.96 -6.07 0.00	57.23 -4.71 0.00	52.39 -3.11 0.00	45.02 -2.47 0.00	44.41 -2.44 0.00	43.88 -2.21 0.00	44.71 -2.45 0.00	46.31 -3.59 0.00	55.67 -4.84 0.00	71.67 -6.57 0.01	87.89 -7.44 0.01	76.80 -6.50 0.01	70.28 -6.36 0.01	63.25 -4.32 0.00	55.03 -4.92 0.00	51.26 -4.04 0.00	49.51 -3.39 0.00
NEG WEST___LANCASTR 23811	53.24 0.26 0.00	51.11 0.51 0.00	49.72 0.54 0.00	50.67 0.80 0.00	50.43 -0.15 0.00	52.18 -1.34 0.00	72.43 -2.24 0.00	84.24 -3.79 0.00	58.47 -3.47 0.00	53.72 -1.78 0.00	46.25 -1.23 0.00	45.53 -1.31 0.00	44.98 -1.11 0.00	45.79 -1.37 0.00	47.41 -2.50 0.00	56.94 -3.57 0.00	74.25 -3.99 0.02	89.79 -5.53 0.01	78.55 -4.75 0.01	72.66 -3.99 0.02	64.47 -3.11 0.00	55.99 -3.96 0.00	52.20 -3.10 0.00	50.30 -2.59 0.00
NEG_PENN_ALLEGHNY 23528	53.87 0.90 0.00	51.52 0.91 0.00	50.01 0.84 0.00	50.82 0.95 0.00	51.39 0.81 0.00	54.27 0.75 0.00	75.86 1.19 0.00	89.35 1.32 0.00	62.68 0.75 0.00	56.11 0.61 0.00	48.01 0.52 0.00	47.27 0.42 0.00	46.55 0.46 0.00	47.58 0.42 0.00	50.20 0.30 0.00	60.87 0.37 0.00	78.74 0.47 0.00	95.91 0.58 0.00	83.81 0.50 0.00	77.13 0.46 0.00	68.39 0.81 0.00	60.48 0.54 0.00	55.79 0.50 0.00	53.53 0.64 0.00
NEG___GEN_MONROE 24207	53.29 0.32 0.00	51.06 0.46 0.00	49.67 0.49 0.00	50.52 0.65 0.00	50.58 0.00 0.00	52.72 -0.80 0.00	72.88 -1.79 0.00	85.21 -2.82 0.00	59.71 -2.23 0.00	54.00 -1.50 0.00	46.20 -1.28 0.00	45.58 -1.26 0.00	44.89 -1.20 0.00	45.88 -1.27 0.00	47.96 -1.95 0.00	57.97 -2.54 0.00	74.73 -3.52 0.01	91.70 -3.62 0.00	80.05 -3.25 0.00	73.36 -3.30 0.01	65.68 -1.89 0.00	57.43 -2.52 0.00	53.25 -2.05 0.00	51.25 -1.64 0.00
NEPA___ENERGY 23901	53.56 0.58 0.00	51.42 0.81 0.00	50.02 0.84 0.00	50.92 1.05 0.00	50.64 0.05 0.00	52.50 -1.02 0.00	73.40 -1.27 0.00	84.86 -3.17 0.00	58.84 -3.10 0.00	54.11 -1.39 0.00	46.58 -0.90 0.00	45.86 -0.98 0.00	45.31 -0.78 0.00	46.12 -1.04 0.00	47.71 -2.20 0.00	57.18 -3.33 0.00	74.02 -4.23 0.02	90.27 -5.05 0.01	78.96 -4.33 0.01	72.50 -4.14 0.02	64.87 -2.70 0.00	56.29 -3.66 0.00	52.42 -2.88 0.00	50.78 -2.12 0.00

NEVERSINK___HYD 23608	55.04 2.06 0.00	52.43 1.82 0.00	51.00 1.82 0.00	51.67 1.79 0.00	52.51 1.92 0.00	55.87 2.35 0.00	78.40 3.73 0.00	92.43 4.40 0.00	65.16 3.22 0.00	58.50 2.99 0.00	49.95 2.47 0.00	49.19 2.34 0.00	48.30 2.21 0.00	49.42 2.26 0.00	52.25 2.35 0.00	63.59 3.08 0.00	82.41 4.15 0.00	100.28 4.95 0.00	87.72 4.41 0.00	80.42 3.76 0.00	70.48 2.90 0.00	62.82 2.88 0.00	58.06 2.76 0.00	55.17 2.27 0.00
NEWKRMKL_115KV_TB1 55635	53.24 0.26 0.00	50.91 0.30 0.00	49.47 0.30 0.00	50.07 0.20 0.00	50.94 0.35 0.00	53.95 0.43 0.00	75.19 0.52 0.00	88.73 0.70 0.00	62.43 0.50 0.00	55.67 0.17 0.00	47.77 0.28 0.00	47.27 0.42 0.00	46.50 0.41 0.00	47.53 0.38 0.00	50.40 0.50 0.00	61.17 0.67 0.00	79.20 0.94 0.00	96.38 1.05 0.00	84.22 0.92 0.00	77.58 0.92 0.00	68.25 0.68 0.00	60.60 0.66 0.00	55.79 0.50 0.00	53.48 0.58 0.00
NEWTON___FALLS_HYD 23847	53.35 0.37 0.00	50.96 0.35 0.00	49.57 0.39 0.00	50.12 0.25 0.00	51.14 0.56 0.00	53.90 0.37 0.00	74.67 0.00 0.00	88.29 0.26 0.00	61.75 -0.19 0.00	55.06 -0.44 0.00	46.82 -0.66 0.00	46.14 -0.70 0.00	45.21 -0.88 0.00	46.73 -0.42 0.00	49.55 -0.35 0.00	59.54 -0.97 0.00	76.77 -1.49 0.00	93.90 -1.43 0.00	82.14 -1.17 0.00	76.20 -0.46 0.00	67.64 0.07 0.00	60.42 0.48 0.00	56.18 0.88 0.00	53.64 0.74 0.00
NGRID_A1_DSASP 323792	52.23 -0.74 0.00	50.20 -0.40 0.00	48.88 -0.30 0.00	49.77 -0.10 0.00	49.62 -0.96 0.00	50.31 -3.21 0.00	68.77 -5.90 0.00	79.93 -8.10 0.00	55.93 -6.01 0.00	51.34 -4.16 0.00	44.11 -3.37 0.00	43.57 -3.28 0.00	43.05 -3.04 0.00	43.90 -3.25 0.00	45.41 -4.49 0.00	54.52 -5.99 0.00	69.95 -8.30 0.01	85.79 -9.53 0.01	74.88 -8.41 0.01	68.60 -8.05 0.01	61.83 -5.74 0.00	53.83 -6.11 0.00	50.21 -5.09 0.00	48.56 -4.34 0.00
NGRID_A2_DSASP 323793	52.23 -0.74 0.00	50.20 -0.40 0.00	48.88 -0.30 0.00	49.77 -0.10 0.00	49.62 -0.96 0.00	50.31 -3.21 0.00	68.77 -5.90 0.00	79.93 -8.10 0.00	55.93 -6.01 0.00	51.34 -4.16 0.00	44.11 -3.37 0.00	43.57 -3.28 0.00	43.05 -3.04 0.00	43.90 -3.25 0.00	45.41 -4.49 0.00	54.52 -5.99 0.00	69.95 -8.30 0.01	85.79 -9.53 0.01	74.88 -8.41 0.01	68.60 -8.05 0.01	61.83 -5.74 0.00	53.83 -6.11 0.00	50.21 -5.09 0.00	48.56 -4.34 0.00
NGRID_A4_DSASP 323807	52.23 -0.74 0.00	50.20 -0.40 0.00	48.88 -0.30 0.00	49.77 -0.10 0.00	49.62 -0.96 0.00	50.31 -3.21 0.00	68.77 -5.90 0.00	79.93 -8.10 0.00	55.93 -6.01 0.00	51.34 -4.16 0.00	44.11 -3.37 0.00	43.57 -3.28 0.00	43.05 -3.04 0.00	43.90 -3.25 0.00	45.41 -4.49 0.00	54.52 -5.99 0.00	69.95 -8.30 0.01	85.79 -9.53 0.01	74.88 -8.41 0.01	68.60 -8.05 0.01	61.83 -5.74 0.00	53.83 -6.11 0.00	50.21 -5.09 0.00	48.56 -4.34 0.00
NIAGARA_115E_LBMP 323715	51.76 -1.22 0.00	49.70 -0.91 0.00	48.44 -0.74 0.00	49.33 -0.55 0.00	49.52 -1.06 0.00	50.42 -3.11 0.00	69.07 -5.60 0.00	80.28 -7.75 0.00	56.18 -5.76 0.00	51.50 -4.00 0.00	44.54 -2.94 0.00	43.71 -3.14 0.00	43.14 -2.95 0.00	44.00 -3.16 0.00	45.56 -4.34 0.00	54.82 -5.69 0.00	70.26 -7.98 0.01	86.46 -8.86 0.01	75.55 -7.74 0.01	68.91 -7.74 0.01	62.17 -5.41 0.00	54.31 -5.64 0.00	50.43 -4.87 0.00	50.46 -2.43 0.00
NIAGARA_115W_LBMP 323714	52.18 -0.79 0.00	50.10 -0.51 0.00	48.84 -0.34 0.00	49.73 -0.15 0.00	49.93 -0.66 0.00	50.15 -3.37 0.00	68.55 -6.12 0.00	79.75 -8.28 0.00	55.87 -6.07 0.00	51.23 -4.27 0.00	44.30 -3.18 0.00	43.47 -3.37 0.00	42.95 -3.14 0.00	43.76 -3.40 0.00	45.31 -4.59 0.00	54.52 -5.99 0.00	69.79 -8.45 0.01	85.70 -9.62 0.01	74.97 -8.33 0.01	68.45 -8.20 0.01	61.76 -5.81 0.00	53.95 -5.99 0.00	50.15 -5.14 0.00	50.20 -2.70 0.00
NIAGARA_230_LBMP 323716	52.23 -0.74 0.00	50.15 -0.46 0.00	48.89 -0.29 0.00	49.77 -0.10 0.00	50.03 -0.56 0.00	50.90 -2.62 0.00	69.74 -4.93 0.00	81.07 -6.96 0.00	56.80 -5.14 0.00	52.06 -3.44 0.00	45.01 -2.47 0.00	44.18 -2.67 0.00	43.60 -2.49 0.00	44.47 -2.69 0.00	46.06 -3.84 0.00	55.43 -5.08 0.00	71.05 -7.20 0.01	87.22 -8.10 0.01	76.30 -7.00 0.01	69.60 -7.05 0.01	62.71 -4.87 0.00	54.85 -5.10 0.00	50.92 -4.37 0.00	50.94 -1.96 0.00
NIAGARA___115KV_198_GIBSON 55903	52.18 -0.79 0.00	50.10 -0.51 0.00	48.83 -0.34 0.00	49.72 -0.15 0.00	49.52 -1.06 0.00	50.15 -3.37 0.00	68.55 -6.12 0.00	79.75 -8.27 0.00	55.81 -6.13 0.00	51.23 -4.27 0.00	44.02 -3.47 0.00	43.43 -3.42 0.00	42.95 -3.13 0.00	43.76 -3.40 0.00	45.31 -4.59 0.00	54.40 -6.11 0.00	69.80 -8.45 0.01	85.60 -9.72 0.01	74.72 -8.58 0.01	68.44 -8.20 0.01	61.63 -5.95 0.00	53.65 -6.29 0.00	50.10 -5.20 0.00	48.45 -4.44 0.00
NIAGARA____ 23760	52.23 -0.74 0.00	50.15 -0.46 0.00	48.89 -0.29 0.00	49.77 -0.10 0.00	50.03 -0.56 0.00	50.90 -2.62 0.00	69.74 -4.93 0.00	81.07 -6.96 0.00	56.80 -5.14 0.00	52.06 -3.44 0.00	45.01 -2.47 0.00	44.18 -2.67 0.00	43.60 -2.49 0.00	44.47 -2.69 0.00	46.06 -3.84 0.00	55.43 -5.08 0.00	71.05 -7.20 0.01	87.22 -8.10 0.01	76.30 -7.00 0.01	69.60 -7.05 0.01	62.71 -4.87 0.00	54.85 -5.10 0.00	50.92 -4.37 0.00	50.94 -1.96 0.00
NINE_MILE_1 23575	51.33 -1.64 0.00	49.04 -1.57 0.00	47.65 -1.52 0.00	48.33 -1.55 0.00	48.96 -1.62 0.00	51.70 -1.82 0.00	72.06 -2.62 0.00	84.95 -3.08 0.00	59.71 -2.23 0.00	53.50 -2.00 0.00	45.78 -1.71 0.00	45.11 -1.73 0.00	44.43 -1.66 0.00	45.46 -1.70 0.00	48.06 -1.85 0.00	58.27 -2.24 0.00	75.29 -2.97 0.00	91.80 -3.53 0.00	80.22 -3.08 0.00	73.83 -2.83 0.00	65.21 -2.37 0.00	57.73 -2.22 0.00	53.25 -2.04 0.00	51.04 -1.85 0.00
NINE_MILE_2 23744	51.33 -1.64 0.00	49.04 -1.57 0.00	47.65 -1.52 0.00	48.33 -1.55 0.00	48.96 -1.62 0.00	51.70 -1.82 0.00	72.06 -2.62 0.00	84.95 -3.08 0.00	59.71 -2.23 0.00	53.50 -2.00 0.00	45.78 -1.71 0.00	45.11 -1.73 0.00	44.43 -1.66 0.00	45.46 -1.70 0.00	48.06 -1.85 0.00	58.27 -2.24 0.00	75.29 -2.97 0.00	91.80 -3.53 0.00	80.22 -3.08 0.00	73.83 -2.83 0.00	65.21 -2.37 0.00	57.73 -2.22 0.00	53.25 -2.04 0.00	51.04 -1.85 0.00
NM_CAPITAL___DRP 24208	53.40 0.42 0.00	51.01 0.40 0.00	49.57 0.39 0.00	50.22 0.35 0.00	51.09 0.51 0.00	54.11 0.59 0.00	75.42 0.75 0.00	89.00 0.97 0.00	62.62 0.68 0.00	55.83 0.33 0.00	47.82 0.33 0.00	47.31 0.47 0.00	46.55 0.46 0.00	47.58 0.42 0.00	50.50 0.60 0.00	61.30 0.79 0.00	79.44 1.17 0.00	96.57 1.24 0.00	84.47 1.17 0.00	77.81 1.15 0.00	68.45 0.88 0.00	60.78 0.84 0.00	55.96 0.66 0.00	53.64 0.74 0.00
NM_CENTRAL___DRP 24181	52.45 -0.53 0.00	50.10 -0.51 0.00	48.69 -0.49 0.00	49.43 -0.45 0.00	49.98 -0.61 0.00	52.77 -0.75 0.00	73.63 -1.05 0.00	86.89 -1.14 0.00	61.01 -0.93 0.00	54.67 -0.83 0.00	46.82 -0.66 0.00	46.14 -0.70 0.00	45.44 -0.65 0.00	46.50 -0.66 0.00	49.10 -0.80 0.00	59.54 -0.97 0.00	76.93 -1.33 0.00	93.81 -1.53 0.00	81.89 -1.42 0.00	75.36 -1.30 0.00	66.56 -1.01 0.00	58.87 -1.08 0.00	54.30 -1.00 0.00	51.94 -0.95 0.00

NM_FRONTIER___DRP 24179	52.18 -0.79 0.00	50.10 -0.51 0.00	48.83 -0.34 0.00	49.72 -0.15 0.00	49.52 -1.06 0.00	50.15 -3.37 0.00	68.55 -6.12 0.00	79.75 -8.27 0.00	55.81 -6.13 0.00	51.23 -4.27 0.00	44.02 -3.47 0.00	43.43 -3.42 0.00	42.95 -3.13 0.00	43.76 -3.40 0.00	45.31 -4.59 0.00	54.40 -6.11 0.00	69.80 -8.45 0.01	85.60 -9.72 0.01	74.72 -8.58 0.01	68.44 -8.20 0.01	61.63 -5.95 0.00	53.65 -6.29 0.00	50.10 -5.20 0.00	48.45 -4.44 0.00
NM_ST_REGIS___HYD 24053	53.50 0.53 0.00	51.16 0.56 0.00	49.77 0.59 0.00	50.32 0.45 0.00	51.55 0.96 0.00	54.06 0.54 0.00	74.45 -0.22 0.00	88.03 0.00 0.00	62.06 0.12 0.00	55.67 0.17 0.00	47.15 -0.33 0.00	46.52 -0.33 0.00	45.49 -0.60 0.00	47.25 0.09 0.00	50.15 0.25 0.00	59.48 -1.03 0.00	76.77 -1.49 0.00	93.61 -1.72 0.00	81.72 -1.58 0.00	76.12 -0.54 0.00	67.64 0.07 0.00	60.36 0.42 0.00	56.56 1.27 0.00	54.16 1.27 0.00
NORTHPORT___1 23551	56.58 3.60 0.00	53.49 2.88 0.00	51.98 2.80 0.00	52.57 2.69 0.00	53.67 3.09 0.00	57.16 3.64 0.00	77.35 2.68 0.00	91.11 3.08 0.00	65.78 3.84 0.00	60.84 5.33 -0.01	55.55 4.56 -3.51	55.91 4.36 -4.71	55.91 4.24 -5.58	55.53 4.29 -4.09	57.12 4.34 -2.88	65.85 5.33 -0.02	84.85 6.57 -0.02	99.33 8.01 4.00	90.23 6.91 -0.02	79.21 5.90 3.35	72.17 4.60 0.00	64.57 4.62 -0.01	59.05 3.76 0.00	55.59 2.70 0.00
NORTHPORT___2 23552	56.58 3.60 0.00	53.49 2.88 0.00	51.98 2.80 0.00	52.57 2.69 0.00	53.67 3.09 0.00	57.16 3.64 0.00	77.35 2.68 0.00	91.11 3.08 0.00	65.78 3.84 0.00	60.84 5.33 -0.01	55.55 4.56 -3.51	55.91 4.36 -4.71	55.91 4.24 -5.58	55.53 4.29 -4.09	57.12 4.34 -2.88	65.85 5.33 -0.02	84.85 6.57 -0.02	99.33 8.01 4.00	90.23 6.91 -0.02	79.21 5.90 3.35	72.17 4.60 0.00	64.57 4.62 -0.01	59.05 3.76 0.00	55.59 2.70 0.00
NORTHPORT___3 23553	56.42 3.44 0.00	53.39 2.78 0.00	51.83 2.65 0.00	52.42 2.54 0.00	53.52 2.93 0.00	57.00 3.48 0.00	77.13 2.46 0.00	90.85 2.82 0.00	65.59 3.65 0.00	60.72 5.22 -0.01	55.29 4.42 -3.39	55.66 4.22 -4.59	55.66 4.10 -5.47	55.43 4.20 -4.08	56.86 4.24 -2.72	65.65 5.14 0.00	84.61 6.34 -0.01	100.62 7.72 2.43	89.99 6.67 -0.01	80.30 5.67 2.03	71.97 4.39 0.00	64.39 4.44 -0.01	58.94 3.65 0.00	55.43 2.54 0.00
NORTHPORT___4 23650	56.42 3.44 0.00	53.39 2.78 0.00	51.83 2.65 0.00	52.42 2.54 0.00	53.52 2.93 0.00	57.00 3.48 0.00	77.13 2.46 0.00	90.85 2.82 0.00	65.59 3.65 0.00	60.72 5.22 -0.01	55.29 4.42 -3.39	55.66 4.22 -4.59	55.66 4.10 -5.47	55.43 4.20 -4.08	56.86 4.24 -2.72	65.65 5.14 0.00	84.61 6.34 -0.01	100.62 7.72 2.43	89.99 6.67 -0.01	80.30 5.67 2.03	71.97 4.39 0.00	64.39 4.44 -0.01	58.94 3.65 0.00	55.43 2.54 0.00
NORTHPORT___IC 23718	56.58 3.60 0.00	53.49 2.88 0.00	51.98 2.80 0.00	52.57 2.69 0.00	53.77 3.19 0.00	57.16 3.64 0.00	77.36 2.69 0.00	91.11 3.08 0.00	66.03 4.09 0.00	60.84 5.33 -0.01	55.55 4.56 -3.51	55.91 4.36 -4.71	55.96 4.29 -5.58	55.54 4.29 -4.09	57.12 4.34 -2.88	65.85 5.32 -0.02	84.85 6.57 -0.02	99.24 7.91 4.00	90.23 6.91 -0.02	79.21 5.90 3.35	72.17 4.60 0.00	64.57 4.62 -0.01	58.89 3.59 0.00	57.28 4.39 0.00
NORTH___COUNTRY_ESR 323785	52.61 -0.37 0.00	50.40 -0.20 0.00	49.03 -0.15 0.00	49.58 -0.30 0.00	50.79 0.20 0.00	53.09 -0.43 0.00	73.18 -1.49 0.00	86.62 -1.41 0.00	61.13 -0.81 0.00	54.28 -1.22 0.00	46.72 -0.76 0.00	46.14 -0.70 0.00	45.17 -0.92 0.00	46.83 -0.33 0.00	49.85 -0.05 0.00	59.24 -1.27 0.00	76.46 -1.80 0.00	93.14 -2.19 0.00	80.97 -2.33 0.00	75.51 -1.15 0.00	66.90 -0.68 0.00	58.98 -0.96 0.00	55.13 -0.17 0.00	53.53 0.64 0.00
NPX_GEN_1385_PROXY 323591	56.63 3.65 0.00	53.39 2.78 0.00	51.88 2.70 0.00	52.47 2.59 0.00	54.12 3.54 0.00	75.00 4.12 -17.36	92.31 3.36 -14.28	105.60 3.87 -13.70	83.40 4.33 -17.13	60.89 5.38 -0.01	55.27 4.28 -3.51	52.67 3.94 -1.89	51.85 3.82 -1.94	55.30 4.06 -4.09	57.22 4.44 -2.88	69.25 5.81 -2.93	93.20 7.20 -7.74	100.00 8.67 4.00	95.68 7.66 -4.72	82.67 6.51 0.50	92.79 5.20 -20.01	74.30 5.16 -9.20	59.55 4.26 0.00	55.90 2.85 -0.15
NPX_GEN_CSC 323557	57.58 4.61 0.00	54.40 3.80 0.00	52.82 3.64 0.00	53.42 3.54 0.00	54.48 3.90 0.00	58.07 4.55 0.00	79.18 4.40 -0.10	92.94 5.02 0.10	67.08 5.14 0.00	61.94 6.44 -0.01	61.20 5.74 -7.97	61.20 5.57 -8.78	61.14 5.39 -9.66	56.74 5.47 -4.11	64.37 5.69 -8.78	68.17 7.20 -0.46	87.39 9.07 -0.05	110.52 11.05 -4.13	93.02 9.66 -0.05	88.56 8.43 -3.47	74.27 6.69 0.00	66.47 6.48 -0.05	60.53 5.20 -0.04	56.81 3.91 0.00
NSINS_S_GLNS_FALLS 23858	56.31 3.34 0.00	54.00 3.39 0.00	52.38 3.20 0.00	53.12 3.24 0.00	53.92 3.34 0.00	57.32 3.80 0.00	80.27 5.60 0.00	94.81 6.78 0.00	65.90 3.96 0.00	58.33 2.83 0.00	49.67 2.18 0.00	49.00 2.15 0.00	48.16 2.07 0.00	49.14 1.98 0.00	52.30 2.40 0.00	64.14 3.63 0.00	83.50 5.24 0.00	102.00 6.67 0.00	89.14 5.83 0.00	82.26 5.60 0.00	72.64 5.07 0.00	64.26 4.32 0.00	59.05 3.76 0.00	56.60 3.70 0.00
NUCOR_STEEL___DRP 24197	53.24 0.26 0.00	50.96 0.35 0.00	49.42 0.25 0.00	50.27 0.40 0.00	50.74 0.15 0.00	53.57 0.05 0.00	74.75 0.07 0.00	88.12 0.09 0.00	61.69 -0.25 0.00	55.22 -0.28 0.00	47.20 -0.28 0.00	46.52 -0.33 0.00	45.81 -0.28 0.00	46.87 -0.28 0.00	49.50 -0.40 0.00	60.15 -0.36 0.00	77.87 -0.39 0.00	94.95 -0.38 0.00	82.97 -0.33 0.00	76.43 -0.23 0.00	67.58 0.00 0.00	59.65 -0.30 0.00	55.02 -0.28 0.00	52.58 -0.32 0.00
NUMBER_THREE_WT_PWR 323818	54.09 1.11 0.00	51.62 1.01 0.00	50.21 1.03 0.00	50.82 0.95 0.00	51.60 1.01 0.00	54.65 1.13 0.00	76.46 1.79 0.00	90.31 2.28 0.00	62.81 0.87 0.00	55.61 0.11 0.00	47.44 -0.05 0.00	46.71 -0.14 0.00	45.86 -0.23 0.00	47.16 0.00 0.00	50.00 0.10 0.00	60.75 0.24 0.00	78.73 0.47 0.00	96.57 1.24 0.00	84.47 1.17 0.00	78.19 1.53 0.00	69.20 1.62 0.00	61.38 1.44 0.00	56.51 1.21 0.00	54.01 1.11 0.00
NYISO_LBMP_REFERENCE 24008	52.98 0.00 0.00	50.61 0.00 0.00	49.18 0.00 0.00	49.87 0.00 0.00	50.58 0.00 0.00	53.52 0.00 0.00	74.67 0.00 0.00	88.03 0.00 0.00	61.94 0.00 0.00	55.50 0.00 0.00	47.48 0.00 0.00	46.85 0.00 0.00	46.09 0.00 0.00	47.16 0.00 0.00	49.90 0.00 0.00	60.51 0.00 0.00	78.26 0.00 0.00	95.33 0.00 0.00	83.30 0.00 0.00	76.66 0.00 0.00	67.58 0.00 0.00	59.94 0.00 0.00	55.29 0.00 0.00	52.89 0.00 0.00
NYPA_BRENTWD____GT 24164	57.43 4.45 0.00	54.30 3.69 0.00	52.72 3.54 0.00	53.31 3.44 0.00	54.43 3.84 0.00	57.96 4.44 0.00	79.08 4.40 0.00	93.13 5.10 0.00	66.95 5.01 0.00	61.72 6.21 -0.01	56.16 4.79 -3.89	56.52 4.64 -5.03	56.51 4.52 -5.90	55.83 4.62 -4.05	58.03 4.74 -3.39	66.56 5.99 -0.06	86.57 8.29 -0.02	106.07 9.73 -1.01	91.99 8.66 -0.02	84.56 7.05 -0.85	73.73 6.15 0.00	65.41 5.45 -0.01	59.77 4.48 0.00	56.60 3.70 0.00

NYPA_GOWANUS____GT5 24156	55.68	53.04	51.89	52.62	53.42	56.85	78.70	92.78	65.85	64.59	59.62	58.77	56.62	54.75	58.12	64.88	83.43	101.62	88.72	81.18	70.82	63.72	59.05	56.24
	2.70	2.43	2.70	2.74	2.83	3.32	4.03	4.75	3.90	3.44	3.32	3.23	3.14	3.16	3.24	4.36	5.16	6.29	5.41	4.52	3.24	3.78	3.76	3.33
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-5.64	-8.81	-8.69	-7.39	-4.43	-4.97	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA_GOWANUS____GT6 24157	55.68	53.04	51.89	52.62	53.42	56.85	78.70	92.78	65.85	64.59	59.62	58.77	56.62	54.75	58.12	64.88	83.43	101.62	88.72	81.18	70.82	63.72	59.05	56.24
	2.70	2.43	2.70	2.74	2.83	3.32	4.03	4.75	3.90	3.44	3.32	3.23	3.14	3.16	3.24	4.36	5.16	6.29	5.41	4.52	3.24	3.78	3.76	3.33
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-5.64	-8.81	-8.69	-7.39	-4.43	-4.97	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA_HARLEM__RVR__GT1 24160	55.36	52.78	51.60	52.28	53.07	56.58	78.48	92.52	65.54	64.69	59.81	59.00	56.83	54.97	58.32	64.63	82.95	101.04	88.13	80.71	70.47	63.30	58.61	55.76
	2.39	2.17	2.41	2.39	2.48	3.05	3.81	4.49	3.59	3.56	3.51	3.47	3.36	3.40	3.44	4.12	4.70	5.72	4.83	4.06	2.90	3.35	3.32	2.85
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-5.63	-8.81	-8.69	-7.38	-4.41	-4.97	-0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00	-0.01
NYPA_HARLEM__RVR__GT2 24161	55.36	52.78	51.60	52.28	53.07	56.58	78.48	92.52	65.54	64.69	59.81	59.00	56.83	54.97	58.32	64.63	82.95	101.04	88.13	80.71	70.47	63.30	58.61	55.76
	2.39	2.17	2.41	2.39	2.48	3.05	3.81	4.49	3.59	3.56	3.51	3.47	3.36	3.40	3.44	4.12	4.70	5.72	4.83	4.06	2.90	3.35	3.32	2.85
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-5.63	-8.81	-8.69	-7.38	-4.41	-4.97	-0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00	-0.01
NYPA_KENT____GT 24152	55.47	52.89	51.74	52.47	53.27	56.69	78.63	92.78	65.85	64.75	59.95	59.14	56.95	55.02	58.37	64.88	83.35	101.52	88.64	81.18	70.82	63.66	58.88	56.08
	2.49	2.28	2.56	2.59	2.68	3.16	3.95	4.75	3.90	3.61	3.46	3.42	3.32	3.35	3.40	4.36	5.08	6.19	5.34	4.52	3.24	3.72	3.59	3.17
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-5.64	-9.00	-8.87	-7.55	-4.52	-5.07	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA_POUCH1____GT 24155	55.79	53.19	52.04	52.77	53.58	56.90	78.48	92.43	65.60	64.12	59.29	58.49	56.39	54.46	57.82	64.64	83.12	101.34	88.47	81.03	70.62	63.54	59.00	56.29
	2.81	2.58	2.85	2.89	2.98	3.37	3.81	4.40	3.65	3.05	2.99	2.95	2.91	2.88	2.94	4.12	4.85	6.01	5.17	4.37	3.04	3.60	3.71	3.39
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-5.57	-8.81	-8.69	-7.39	-4.43	-4.97	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA_VERNON____GT2 24162	55.30	52.68	51.55	52.28	53.12	56.58	78.63	92.69	65.91	64.97	60.09	59.28	57.09	55.19	58.54	64.88	83.43	101.52	88.64	81.18	70.82	63.60	58.78	55.86
	2.33	2.08	2.36	2.39	2.53	3.05	3.95	4.66	3.97	3.83	3.66	3.61	3.50	3.54	3.60	4.36	5.16	6.19	5.34	4.52	3.24	3.66	3.49	2.96
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-5.64	-8.95	-8.82	-7.50	-4.49	-5.05	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA_VERNON____GT3 24163	55.30	52.68	51.55	52.28	53.12	56.58	78.63	92.69	65.91	64.97	60.09	59.28	57.09	55.19	58.54	64.88	83.43	101.52	88.64	81.18	70.82	63.60	58.78	55.86
	2.33	2.08	2.36	2.39	2.53	3.05	3.95	4.66	3.97	3.83	3.66	3.61	3.50	3.54	3.60	4.36	5.16	6.19	5.34	4.52	3.24	3.66	3.49	2.96
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-5.64	-8.95	-8.82	-7.50	-4.49	-5.05	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA____ASTORIA_CC1 323568	55.20	52.63	51.55	52.28	53.12	56.58	78.55	92.69	65.85	64.97	60.02	59.21	57.04	55.13	58.48	64.82	83.35	101.52	88.56	81.11	70.75	63.60	58.78	55.86
	2.22	2.03	2.36	2.39	2.53	3.05	3.88	4.66	3.90	3.83	3.61	3.56	3.46	3.49	3.54	4.30	5.08	6.19	5.25	4.44	3.18	3.66	3.49	2.96
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-5.64	-8.93	-8.81	-7.49	-4.48	-5.04	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA____ASTORIA_CC2 323569	55.20	52.63	51.55	52.28	53.12	56.58	78.55	92.69	65.85	64.97	60.02	59.21	57.04	55.13	58.48	64.82	83.35	101.52	88.56	81.11	70.75	63.60	58.78	55.86
	2.22	2.03	2.36	2.39	2.53	3.05	3.88	4.66	3.90	3.83	3.61	3.56	3.46	3.49	3.54	4.30	5.08	6.19	5.25	4.44	3.18	3.66	3.49	2.96
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-5.64	-8.93	-8.81	-7.49	-4.48	-5.04	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NYPA____HOLTSVILL 23794	56.95	53.80	52.28	52.87	53.92	57.48	78.03	91.81	66.34	61.23	60.45	60.50	60.46	56.03	63.58	67.08	85.91	108.75	91.36	87.07	73.05	65.39	59.76	56.18
	3.98	3.19	3.10	2.99	3.34	3.96	3.36	3.78	4.40	5.72	4.98	4.87	4.70	4.76	4.89	6.11	7.59	9.24	8.00	6.90	5.47	5.40	4.43	3.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-7.98	-8.79	-9.67	-4.12	-8.79	-0.46	-0.05	-4.17	-0.05	-3.50	0.00	-0.05	-0.04	0.00
NYPA____HELLGATE_GT1 24158	55.36	52.78	51.60	52.28	53.07	56.58	78.40	92.43	65.41	64.58	59.81	59.00	56.83	54.97	58.32	64.57	82.87	100.95	88.05	80.64	70.34	63.24	58.61	55.76
	2.39	2.17	2.41	2.39	2.48	3.05	3.73	4.40	3.47	3.44	3.51	3.47	3.36	3.40	3.44	4.05	4.62	5.62	4.75	3.98	2.77	3.29	3.32	2.85
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-5.63	-8.81	-8.69	-7.38	-4.41	-4.97	-0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00	-0.01
NYPA____HELLGATE_GT2 24159	55.36	52.78	51.60	52.28	53.07	56.58	78.40	92.43	65.41	64.58	59.81	59.00	56.83	54.97	58.32	64.57	82.87	100.95	88.05	80.64	70.34	63.24	58.61	55.76
	2.39	2.17	2.41	2.39	2.48	3.05	3.73	4.40	3.47	3.44	3.51	3.47	3.36	3.40	3.44	4.05	4.62	5.62	4.75	3.98	2.77	3.29	3.32	2.85
	0.00	0.00	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-5.63	-8.81	-8.69	-7.38	-4.41	-4.97	-0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00	-0.01
NYS_BARGE____HYD 23848	52.61	50.51	49.18	50.07	50.33	51.32	70.42	81.96	57.29	52.45	45.30	44.41	43.83	44.70	46.31	55.85	71.67	88.17	77.05	70.29	63.39	55.27	51.37	51.25
	-0.37	-0.10	0.00	0.20	-0.25	-2.20	-4.25	-6.07	-4.65	-3.05	-2.18	-2.44	-2.26	-2.45	-3.59	-4.66	-6.57	-7.15	-6.25	-6.36	-4.19	-4.68	-3.92	-1.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	53.03	50.81	49.38	50.27	50.64	52.56	72.81	85.39	59.90	54.12	46.48	45.68	44.98	45.98	48.15	58.33	75.12	92.18	80.47	73.58	65.82	57.73	53.36	52.21
	0.05	0.20	0.20	0.40	0.05	-0.96	-1.86	-2.64	-2.04	-1.39	-1.00	-1.17	-1.11	-1.18	-1.75	-2.18	-3.13	-3.14	-2.83	-3.07	-1.76	-2.22	-1.94	-0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00

OAKDALE___35_KV_LOAD 356122	53.72 0.74 0.00	51.37 0.76 0.00	49.87 0.69 0.00	50.67 0.80 0.00	51.19 0.61 0.00	54.11 0.59 0.00	75.57 0.90 0.00	88.91 0.88 0.00	62.37 0.43 0.00	55.83 0.33 0.00	47.82 0.33 0.00	47.08 0.23 0.00	46.41 0.32 0.00	47.44 0.28 0.00	50.00 0.10 0.00	60.57 0.06 0.00	78.34 0.08 0.00	95.43 0.10 0.00	83.39 0.08 0.00	76.74 0.08 0.00	68.12 0.54 0.00	60.24 0.30 0.00	55.57 0.28 0.00	53.16 0.26 0.00
OCC_CHEM___DRP 24175	52.23 -0.74 0.00	50.20 -0.40 0.00	48.88 -0.30 0.00	49.77 -0.10 0.00	49.62 -0.96 0.00	50.31 -3.21 0.00	68.77 -5.90 0.00	79.93 -8.10 0.00	55.93 -6.01 0.00	51.34 -4.16 0.00	44.11 -3.37 0.00	43.57 -3.28 0.00	43.05 -3.04 0.00	43.90 -3.25 0.00	45.41 -4.49 0.00	54.52 -5.99 0.00	69.95 -8.30 0.01	85.79 -9.53 0.01	74.88 -8.41 0.01	68.60 -8.05 0.01	61.83 -5.74 0.00	53.83 -6.11 0.00	50.21 -5.09 0.00	48.56 -4.34 0.00
OH_GEN_PROXY 24063	52.23 -0.74 0.00	50.15 -0.46 0.00	48.89 -0.29 0.00	49.77 -0.10 0.00	49.98 -0.60 0.00	51.01 -2.51 0.00	69.99 -4.78 -0.10	81.15 -6.78 0.10	56.92 -5.02 0.00	52.17 -3.33 0.00	45.06 -2.42 0.00	44.27 -2.58 0.00	43.69 -2.40 0.00	44.56 -2.59 0.00	46.16 -3.74 0.00	55.55 -4.96 0.00	71.28 -6.97 0.01	87.51 -7.82 0.01	76.47 -6.83 0.01	69.82 -6.82 0.01	62.91 -4.66 0.00	54.97 -4.97 0.00	51.04 -4.26 0.00	50.99 -1.90 0.00
OLIN_CORP_DRP 24177	51.86 -1.11 0.00	49.80 -0.81 0.00	48.54 -0.64 0.00	49.43 -0.45 0.00	49.22 -1.37 0.00	50.52 -3.00 0.00	69.22 -5.45 0.00	80.46 -7.57 0.00	56.24 -5.70 0.00	51.62 -3.89 0.00	44.35 -3.13 0.00	43.75 -3.09 0.00	43.23 -2.86 0.00	44.09 -3.07 0.00	45.66 -4.24 0.00	54.82 -5.69 0.00	70.42 -7.83 0.01	86.46 -8.87 0.01	75.47 -7.83 0.01	69.13 -7.51 0.01	62.17 -5.41 0.00	54.13 -5.81 0.00	50.48 -4.81 0.00	48.82 -4.07 0.00
OLIN_CORP_DSASP 323712	52.23 -0.74 0.00	50.20 -0.40 0.00	48.88 -0.30 0.00	49.77 -0.10 0.00	49.62 -0.96 0.00	50.31 -3.21 0.00	68.77 -5.90 0.00	79.93 -8.10 0.00	55.93 -6.01 0.00	51.34 -4.16 0.00	44.11 -3.37 0.00	43.57 -3.28 0.00	43.05 -3.04 0.00	43.90 -3.25 0.00	45.41 -4.49 0.00	54.52 -5.99 0.00	69.95 -8.30 0.01	85.79 -9.53 0.01	74.88 -8.41 0.01	68.60 -8.05 0.01	61.83 -5.74 0.00	53.83 -6.11 0.00	50.21 -5.09 0.00	48.56 -4.34 0.00
ONEIDA_HERK_LFGE 323681	54.30 1.32 0.00	51.82 1.21 0.00	50.41 1.23 0.00	51.07 1.20 0.00	51.80 1.21 0.00	54.86 1.34 0.00	76.84 2.17 0.00	90.58 2.55 0.00	63.30 1.36 0.00	56.28 0.78 0.00	48.01 0.52 0.00	47.31 0.47 0.00	46.46 0.37 0.00	47.68 0.52 0.00	50.50 0.60 0.00	61.47 0.97 0.00	79.74 1.48 0.00	97.61 2.28 0.00	85.30 2.00 0.00	78.73 2.07 0.00	69.47 1.89 0.00	61.56 1.62 0.00	56.68 1.38 0.00	54.16 1.27 0.00
ONEIDA___115KV_TB4 55905	54.56 1.59 0.00	52.07 1.47 0.00	50.65 1.48 0.00	51.37 1.50 0.00	52.00 1.42 0.00	55.13 1.61 0.00	77.28 2.61 0.00	91.29 3.26 0.00	63.80 1.86 0.00	56.89 1.39 0.00	48.48 1.00 0.00	47.74 0.89 0.00	46.96 0.88 0.00	48.10 0.94 0.00	50.95 1.05 0.00	62.08 1.57 0.00	80.53 2.27 0.00	98.09 2.76 0.00	85.80 2.50 0.00	79.04 2.38 0.00	69.67 2.09 0.00	61.68 1.74 0.00	56.79 1.49 0.00	54.16 1.27 0.00
ONONDAGA_REF_OCCRA 23987	52.71 -0.26 0.00	50.40 -0.20 0.00	48.93 -0.25 0.00	49.68 -0.20 0.00	50.23 -0.35 0.00	53.09 -0.43 0.00	74.15 -0.52 0.00	87.50 -0.53 0.00	61.38 -0.56 0.00	55.00 -0.50 0.00	47.06 -0.43 0.00	46.38 -0.47 0.00	45.67 -0.41 0.00	46.73 -0.42 0.00	49.40 -0.50 0.00	59.90 -0.61 0.00	77.48 -0.78 0.00	94.47 -0.86 0.00	82.56 -0.75 0.00	75.97 -0.69 0.00	67.04 -0.54 0.00	59.29 -0.66 0.00	54.68 -0.61 0.00	52.26 -0.63 0.00
ONONDAGA___COGEN 23986	52.76 -0.21 0.00	50.40 -0.20 0.00	48.93 -0.25 0.00	49.68 -0.20 0.00	50.23 -0.35 0.00	53.09 -0.43 0.00	74.15 -0.52 0.00	87.41 -0.62 0.00	61.38 -0.56 0.00	54.95 -0.56 0.00	47.01 -0.47 0.00	46.33 -0.52 0.00	45.63 -0.46 0.00	46.69 -0.47 0.00	49.35 -0.55 0.00	59.84 -0.67 0.00	77.40 -0.86 0.00	94.38 -0.95 0.00	82.47 -0.83 0.00	75.89 -0.77 0.00	67.04 -0.54 0.00	59.29 -0.66 0.00	54.68 -0.61 0.00	52.21 -0.69 0.00
ONTARIO___LFGE 23819	52.98 0.00 0.00	50.71 0.10 0.00	49.28 0.10 0.00	50.07 0.20 0.00	50.58 0.00 0.00	53.09 -0.43 0.00	73.92 -0.75 0.00	87.06 -0.97 0.00	61.01 -0.93 0.00	54.78 -0.72 0.00	46.87 -0.62 0.00	46.09 -0.75 0.00	45.40 -0.69 0.00	46.45 -0.71 0.00	48.90 -1.00 0.00	59.36 -1.15 0.00	76.69 -1.56 0.00	93.90 -1.43 0.00	81.97 -1.34 0.00	75.20 -1.46 0.00	66.83 -0.74 0.00	58.80 -1.14 0.00	54.24 -1.05 0.00	52.42 -0.48 0.00
ORANGEVILLE_WT_PWR 323706	53.40 0.42 0.00	51.26 0.66 0.00	49.87 0.69 0.00	50.82 0.95 0.00	51.04 0.45 0.00	52.39 -1.13 0.00	72.43 -2.24 0.00	84.16 -3.87 0.00	58.47 -3.47 0.00	53.34 -2.17 0.00	46.06 -1.42 0.00	45.25 -1.59 0.00	44.61 -1.48 0.00	45.51 -1.65 0.00	47.21 -2.70 0.00	57.00 -3.51 0.00	73.46 -4.78 0.02	90.17 -5.15 0.01	78.71 -4.58 0.01	72.12 -4.52 0.02	64.54 -3.04 0.00	56.23 -3.72 0.00	52.31 -2.99 0.00	51.94 -0.95 0.00
ORANGEVILLE___ESR 323794	53.40 0.42 0.00	51.26 0.66 0.00	49.87 0.69 0.00	50.82 0.95 0.00	51.04 0.45 0.00	52.39 -1.13 0.00	72.43 -2.24 0.00	84.16 -3.87 0.00	58.47 -3.47 0.00	53.34 -2.17 0.00	46.06 -1.42 0.00	45.25 -1.59 0.00	44.61 -1.48 0.00	45.51 -1.65 0.00	47.21 -2.70 0.00	57.00 -3.51 0.00	73.46 -4.78 0.02	90.17 -5.15 0.01	78.71 -4.58 0.01	72.12 -4.52 0.02	64.54 -3.04 0.00	56.23 -3.72 0.00	52.31 -2.99 0.00	51.94 -0.95 0.00
OSWEGATCHIE___HYD 24044	53.35 0.37 0.00	50.96 0.36 0.00	49.57 0.39 0.00	50.13 0.25 0.00	51.14 0.56 0.00	53.90 0.38 0.00	74.67 0.00 0.00	88.29 0.26 0.00	61.75 -0.19 0.00	54.56 -0.94 0.00	46.82 -0.66 0.00	46.14 -0.70 0.00	45.21 -0.88 0.00	46.73 -0.43 0.00	49.56 -0.35 0.00	59.54 -0.97 0.00	76.77 -1.49 0.00	93.80 -1.53 0.00	81.89 -1.42 0.00	76.20 -0.46 0.00	67.64 0.07 0.00	60.19 0.24 0.00	55.79 0.50 0.00	53.63 0.74 0.00
OSWEGO___5 23606	51.76 -1.22 0.00	49.44 -1.16 0.00	48.05 -1.13 0.00	48.78 -1.10 0.00	49.37 -1.21 0.00	52.13 -1.39 0.00	72.66 -2.01 0.00	85.66 -2.37 0.00	60.21 -1.73 0.00	53.95 -1.55 0.00	46.16 -1.33 0.00	45.49 -1.36 0.00	44.80 -1.29 0.00	45.84 -1.32 0.00	48.45 -1.45 0.00	58.75 -1.76 0.00	75.92 -2.35 0.00	92.56 -2.77 0.00	80.89 -2.42 0.00	74.44 -2.23 0.00	65.75 -1.82 0.00	58.20 -1.74 0.00	53.69 -1.61 0.00	51.47 -1.43 0.00
OSWEGO___6 23613	51.76 -1.22 0.00	49.44 -1.16 0.00	48.05 -1.13 0.00	48.78 -1.10 0.00	49.37 -1.21 0.00	52.13 -1.39 0.00	72.66 -2.01 0.00	85.66 -2.37 0.00	60.21 -1.73 0.00	53.95 -1.55 0.00	46.16 -1.33 0.00	45.49 -1.36 0.00	44.80 -1.29 0.00	45.84 -1.32 0.00	48.45 -1.45 0.00	58.75 -1.76 0.00	75.92 -2.35 0.00	92.56 -2.77 0.00	80.89 -2.42 0.00	74.44 -2.23 0.00	65.75 -1.82 0.00	58.20 -1.74 0.00	53.69 -1.61 0.00	51.47 -1.43 0.00

OUTOKUMPU-AB___DRP 24206	53.19 0.21 0.00	51.06 0.46 0.00	49.72 0.54 0.00	50.62 0.75 0.00	50.43 -0.15 0.00	51.59 -1.93 0.00	70.86 -3.81 0.00	82.48 -5.55 0.00	57.54 -4.40 0.00	52.78 -2.72 0.00	45.39 -2.09 0.00	44.74 -2.11 0.00	44.20 -1.89 0.00	45.08 -2.07 0.00	46.61 -3.29 0.00	56.09 -4.42 0.00	72.14 -6.10 0.01	88.46 -6.86 0.01	77.22 -6.08 0.01	70.74 -5.90 0.01	63.59 -3.99 0.00	55.33 -4.62 0.00	51.59 -3.70 0.00	49.83 -3.07 0.00
OXBOW___BTM 323836	52.76 -0.21 0.00	50.71 0.10 0.00	49.38 0.20 0.00	50.27 0.40 0.00	50.53 -0.05 0.00	51.01 -2.51 0.00	69.97 -4.70 0.00	81.43 -6.60 0.00	56.92 -5.02 0.00	52.17 -3.33 0.00	45.11 -2.37 0.00	44.27 -2.58 0.00	43.69 -2.40 0.00	44.56 -2.59 0.00	46.11 -3.79 0.00	55.55 -4.96 0.00	71.20 -7.04 0.01	87.51 -7.82 0.01	76.47 -6.83 0.01	69.82 -6.82 0.01	62.91 -4.66 0.00	54.91 -5.04 0.00	51.04 -4.26 0.00	51.04 -1.85 0.00
OXBOW___ 24026	52.76 -0.21 0.00	50.71 0.10 0.00	49.38 0.20 0.00	50.27 0.40 0.00	50.08 -0.51 0.00	51.01 -2.52 0.00	69.97 -4.70 0.00	81.43 -6.60 0.00	56.86 -5.08 0.00	52.17 -3.33 0.00	44.83 -2.66 0.00	44.22 -2.62 0.00	43.69 -2.40 0.00	44.56 -2.59 0.00	46.11 -3.79 0.00	55.43 -5.08 0.00	71.20 -7.04 0.01	87.32 -8.01 0.01	76.22 -7.08 0.01	69.82 -6.82 0.01	62.85 -4.73 0.00	54.67 -5.28 0.00	50.98 -4.31 0.00	49.24 -3.65 0.00
OXY_CHEM_DSASP 323612	52.23 -0.74 0.00	50.20 -0.40 0.00	48.88 -0.30 0.00	49.77 -0.10 0.00	49.62 -0.96 0.00	50.31 -3.21 0.00	68.77 -5.90 0.00	79.93 -8.10 0.00	55.93 -6.01 0.00	51.34 -4.16 0.00	44.11 -3.37 0.00	43.57 -3.28 0.00	43.05 -3.04 0.00	43.90 -3.25 0.00	45.41 -4.49 0.00	54.52 -5.99 0.00	69.95 -8.30 0.01	85.79 -9.53 0.01	74.88 -8.41 0.01	68.60 -8.05 0.01	61.83 -5.74 0.00	53.83 -6.11 0.00	50.21 -5.09 0.00	48.56 -4.34 0.00
OZONE_PARK_ESR 323760	55.57 2.60 0.00	52.93 2.33 0.00	51.54 2.36 0.00	52.27 2.39 0.00	53.22 2.63 0.00	56.57 3.05 0.00	79.23 4.55 0.00	93.49 5.46 0.00	66.40 4.46 0.00	65.51 4.44 -5.57	60.47 4.18 -8.80	59.56 4.03 -8.68	57.44 3.96 -7.38	55.54 3.96 -4.42	58.91 4.04 -4.97	65.31 4.78 -0.02	84.13 5.87 0.00	102.38 7.05 0.00	89.47 6.16 0.00	81.95 5.29 0.00	71.56 3.99 0.00	63.96 4.02 0.00	58.83 3.54 0.00	56.23 3.33 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	52.23 -0.74 0.00	50.20 -0.40 0.00	48.88 -0.30 0.00	49.77 -0.10 0.00	49.62 -0.96 0.00	50.31 -3.21 0.00	68.77 -5.90 0.00	79.93 -8.10 0.00	55.93 -6.01 0.00	51.34 -4.16 0.00	44.11 -3.37 0.00	43.57 -3.28 0.00	43.05 -3.04 0.00	43.90 -3.25 0.00	45.41 -4.49 0.00	54.52 -5.99 0.00	69.95 -8.30 0.01	85.79 -9.53 0.01	74.88 -8.41 0.01	68.60 -8.05 0.01	61.83 -5.74 0.00	53.83 -6.11 0.00	50.21 -5.09 0.00	48.56 -4.34 0.00
PACKARD___115KV_DUPONT_184 80571	52.23 -0.74 0.00	50.20 -0.41 0.00	48.89 -0.29 0.00	49.77 -0.10 0.00	50.03 -0.56 0.00	50.31 -3.21 0.00	68.77 -5.90 0.00	79.93 -8.10 0.00	55.99 -5.95 0.00	51.39 -4.11 0.00	44.44 -3.04 0.00	43.61 -3.23 0.00	43.05 -3.04 0.00	43.90 -3.25 0.00	45.41 -4.49 0.00	54.64 -5.87 0.00	70.03 -8.22 0.01	85.88 -9.44 0.01	75.14 -8.16 0.01	68.60 -8.05 0.01	61.90 -5.68 0.00	54.13 -5.81 0.00	50.26 -5.03 0.00	50.36 -2.54 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	55.31 2.33 0.00	52.73 2.13 0.00	51.55 2.36 -0.01	52.23 2.34 -0.01	53.17 2.58 -0.01	56.53 3.00 -0.01	78.48 3.81 0.00	92.52 4.49 0.00	65.47 3.53 0.00	64.58 3.44 -5.64	59.67 3.37 -8.81	58.82 3.28 -8.69	56.69 3.23 -7.38	54.78 3.21 -4.41	58.12 3.24 -4.97	64.52 3.99 -0.02	82.88 4.62 0.00	100.95 5.62 0.00	88.05 4.75 0.00	80.65 3.99 0.00	70.41 2.84 0.00	63.24 3.30 0.00	58.50 3.21 0.00	56.02 3.12 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	55.99 3.02 0.00	53.39 2.78 0.00	52.19 3.00 -0.01	52.92 3.04 -0.01	53.83 3.24 -0.01	57.28 3.75 -0.01	79.52 4.85 0.00	93.66 5.63 0.00	66.27 4.34 0.00	65.25 4.11 -5.64	60.19 3.89 -8.81	59.33 3.79 -8.69	57.20 3.73 -7.38	55.29 3.73 -4.41	58.67 3.79 -4.97	65.25 4.72 -0.02	83.82 5.56 0.00	102.10 6.77 0.00	89.05 5.75 0.00	81.57 4.91 0.00	71.23 3.65 0.00	63.96 4.02 0.00	59.16 3.87 0.00	56.66 3.76 -0.01
PATROON___115KV_TB1 80586	53.40 0.42 0.00	51.01 0.40 0.00	49.57 0.39 0.00	50.22 0.35 0.00	51.04 0.46 0.00	54.11 0.59 0.00	75.42 0.75 0.00	89.00 0.97 0.00	62.62 0.68 0.00	55.83 0.33 0.00	47.86 0.38 0.00	47.36 0.52 0.00	46.60 0.51 0.00	47.63 0.47 0.00	50.50 0.60 0.00	61.36 0.85 0.00	79.44 1.17 0.00	96.66 1.33 0.00	84.47 1.17 0.00	77.81 1.15 0.00	68.45 0.88 0.00	60.78 0.84 0.00	55.96 0.66 0.00	53.64 0.74 0.00
PATTRSNVILLE___SOLAR 323815	54.19 1.22 0.00	51.82 1.21 0.00	50.31 1.13 0.00	51.02 1.15 0.00	51.80 1.21 0.00	55.23 1.71 0.00	77.28 2.61 0.00	90.85 2.82 0.00	63.06 1.12 0.00	55.94 0.44 0.00	47.63 0.14 0.00	46.99 0.14 0.00	46.23 0.14 0.00	47.30 0.14 0.00	50.35 0.45 0.00	61.72 1.21 0.00	80.69 2.43 0.00	98.47 3.14 0.00	86.14 2.83 0.00	79.42 2.76 0.00	69.94 2.36 0.00	62.04 2.10 0.00	57.06 1.77 0.00	54.54 1.64 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	53.40 0.42 0.00	51.26 0.66 0.00	49.87 0.69 0.00	50.77 0.90 0.00	50.58 0.00 0.00	52.24 -1.28 0.00	72.36 -2.31 0.00	84.24 -3.79 0.00	58.47 -3.47 0.00	53.72 -1.78 0.00	46.20 -1.28 0.00	45.53 -1.31 0.00	44.98 -1.11 0.00	45.84 -1.32 0.00	47.41 -2.50 0.00	57.00 -3.51 0.00	74.02 -4.23 0.02	89.98 -5.34 0.01	78.63 -4.67 0.01	72.50 -4.14 0.02	64.54 -3.04 0.00	56.05 -3.90 0.00	52.25 -3.04 0.00	50.36 -2.54 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	55.46 2.49 0.00	52.83 2.23 0.00	51.39 2.21 0.00	52.07 2.19 0.00	53.01 2.43 0.00	56.36 2.84 0.00	79.00 4.33 0.00	93.14 5.11 0.00	65.90 3.96 0.00	59.22 3.72 0.00	50.90 3.42 0.00	50.08 3.23 0.00	49.18 3.09 0.00	50.27 3.11 0.00	53.10 3.19 0.00	64.50 3.99 0.00	83.35 5.09 0.00	101.53 6.20 0.00	88.80 5.50 0.00	81.41 4.75 0.00	71.23 3.65 0.00	63.60 3.66 0.00	58.44 3.15 0.00	55.91 3.01 0.00
PEEKSKILL___ 23653	54.94 1.96 0.00	52.33 1.72 0.00	50.95 1.77 0.00	51.62 1.74 0.00	52.40 1.82 0.00	55.82 2.30 0.00	78.18 3.51 0.00	92.08 4.05 0.00	65.28 3.34 0.00	58.89 3.39 0.00	50.67 3.18 0.00	49.94 3.09 0.00	49.08 2.99 0.00	50.18 3.02 0.00	52.95 3.04 0.00	64.08 3.57 0.00	82.72 4.46 0.00	100.67 5.34 0.00	87.97 4.66 0.00	80.64 3.98 0.00	70.55 2.97 0.00	63.00 3.06 0.00	58.00 2.71 0.00	55.12 2.22 0.00
PGE MADISON___WINDPWR 24146	57.69 4.71 0.00	55.06 4.45 0.00	53.51 4.33 0.00	54.31 4.44 0.00	54.83 4.25 0.00	58.23 4.71 0.00	82.14 7.47 0.00	97.10 9.07 0.00	67.14 5.20 0.00	59.44 3.94 0.00	50.29 2.80 0.00	49.38 2.53 0.00	48.58 2.49 0.00	49.75 2.59 0.00	52.70 2.79 0.00	64.87 4.36 0.00	84.85 6.57 -0.01	103.92 8.58 -0.01	90.98 7.66 -0.01	83.80 7.13 -0.01	73.79 6.22 0.00	65.10 5.16 0.00	59.66 4.37 0.00	56.76 3.86 0.00

PIERCEFIELD___HYD 23852	53.50 0.53 0.00	51.16 0.56 0.00	49.77 0.59 0.00	50.32 0.45 0.00	51.50 0.91 0.00	54.00 0.48 0.00	74.37 -0.30 0.00	88.03 0.00 0.00	62.00 0.06 0.00	55.56 0.06 0.00	47.06 -0.43 0.00	46.42 -0.42 0.00	45.44 -0.65 0.00	47.11 -0.05 0.00	50.00 0.10 0.00	59.36 -1.15 0.00	76.54 -1.72 0.00	93.33 -2.00 0.00	81.47 -1.83 0.00	75.89 -0.77 0.00	67.51 -0.07 0.00	60.30 0.36 0.00	56.51 1.22 0.00	54.11 1.22 0.00
PINELAWN_CC_1 323563	56.90 3.92 0.00	53.80 3.19 0.00	52.28 3.10 0.00	52.87 2.99 0.00	53.92 3.34 0.00	57.43 3.90 0.00	78.40 3.73 0.00	92.43 4.40 0.00	66.40 4.46 0.00	61.11 5.60 -0.01	55.75 4.70 -3.57	56.14 4.59 -4.70	56.06 4.43 -5.55	55.63 4.53 -3.94	57.60 4.69 -3.01	66.48 5.93 -0.03	85.95 7.67 -0.02	104.90 9.24 -0.32	91.49 8.17 -0.02	83.84 6.90 -0.27	73.18 5.61 0.00	65.29 5.33 -0.01	59.61 4.32 0.00	56.18 3.28 0.00
PJM_GEN_HTTP_PROXY 323702	55.15 2.17 0.00	52.48 1.87 0.00	51.15 1.97 0.00	51.82 1.94 0.00	52.66 2.07 0.00	56.09 2.57 0.00	78.58 3.81 -0.10	92.41 4.49 0.10	65.72 3.78 0.00	59.65 3.88 -0.27	51.57 3.66 -0.43	50.83 3.56 -0.43	49.91 3.46 -0.36	50.86 3.49 -0.22	53.69 3.54 -0.24	64.63 4.12 0.00	83.27 5.01 0.00	101.44 6.11 0.00	88.47 5.17 0.00	81.11 4.44 0.00	70.82 3.24 0.00	63.36 3.42 0.00	58.33 3.04 0.00	55.38 2.49 0.00
PJM_GEN_KEystone 24065	53.61 0.64 0.00	51.26 0.66 0.00	49.87 0.69 0.00	50.67 0.80 0.00	51.14 0.56 0.00	53.68 0.16 0.00	75.00 0.22 -0.10	87.40 -0.53 0.10	61.51 -0.43 0.00	56.33 0.44 -0.39	48.81 0.71 -0.62	48.06 0.61 -0.61	47.20 0.60 -0.52	47.99 0.52 -0.31	50.30 0.05 -0.35	60.15 -0.36 0.00	77.71 -0.54 0.01	94.76 -0.57 0.01	82.72 -0.58 0.01	75.81 -0.84 0.01	66.97 -0.61 0.00	59.16 -0.78 0.00	54.74 -0.55 0.00	53.05 0.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	56.15 3.18 0.00	53.19 2.58 0.00	51.69 2.51 0.00	52.27 2.39 0.00	53.26 2.68 0.00	56.73 3.21 0.00	77.68 2.91 -0.10	91.27 3.34 0.10	65.66 3.72 0.00	60.39 4.89 -0.01	54.45 4.08 -2.88	54.69 3.98 -3.87	54.55 3.87 -4.59	54.38 3.87 -3.36	56.26 3.99 -2.36	65.67 5.14 -0.02	84.70 6.42 -0.02	103.06 7.72 -0.02	90.06 6.74 -0.02	82.35 5.67 -0.02	72.10 4.53 0.00	64.50 4.55 -0.01	58.94 3.65 0.00	55.49 2.59 0.00
PJM_GEN_VFT_PROXY 323633	54.94 1.96 0.00	52.33 1.72 0.00	50.95 1.77 0.00	51.67 1.79 0.00	52.51 1.92 0.00	55.93 2.41 0.00	78.36 3.58 -0.10	92.24 4.31 0.10	65.66 3.72 -0.01	64.95 3.88 -5.57	60.00 3.71 -8.80	59.14 3.61 -8.68	56.97 3.50 -7.38	55.12 3.54 -4.42	58.46 3.60 -4.97	64.52 3.99 -0.02	83.12 4.85 0.00	101.15 5.82 0.00	88.30 5.00 0.00	80.87 4.21 0.00	70.62 3.04 0.00	63.24 3.29 0.00	58.22 2.93 0.00	55.28 2.38 0.00
PLATSBURG_115KV_PMLD1 355749	52.87 -0.11 0.00	50.66 0.05 0.00	49.28 0.10 0.00	49.87 0.00 0.00	51.09 0.51 0.00	53.15 -0.37 0.00	72.88 -1.79 0.00	86.27 -1.76 0.00	60.89 -1.05 0.00	55.11 -0.39 0.00	46.77 -0.71 0.00	46.19 -0.66 0.00	45.17 -0.92 0.00	46.87 -0.28 0.00	49.90 0.00 0.00	59.00 -1.51 0.00	76.38 -1.88 0.00	93.23 -2.10 0.00	81.30 -2.00 0.00	75.43 -1.23 0.00	66.77 -0.81 0.00	59.53 -0.42 0.00	56.23 0.94 0.00	53.90 1.00 0.00
PLEASANTVLY___LBMP 24000	54.62 1.64 0.00	52.02 1.42 0.00	50.65 1.48 0.00	51.32 1.45 0.00	52.20 1.62 0.00	55.50 1.98 0.00	77.58 2.91 0.00	91.46 3.43 0.00	64.79 2.85 0.00	58.33 2.83 0.00	50.19 2.71 0.00	49.47 2.62 0.00	48.62 2.53 0.00	49.70 2.55 0.00	52.50 2.59 0.00	63.60 3.09 0.00	82.10 3.83 0.00	99.91 4.58 0.00	87.22 3.92 0.00	80.03 3.37 0.00	70.14 2.57 0.00	62.58 2.64 0.00	57.56 2.27 0.00	55.06 2.17 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	55.09 2.12 0.00	52.48 1.87 0.00	51.05 1.87 0.00	51.77 1.90 0.00	52.66 2.07 0.00	55.98 2.46 0.00	78.33 3.66 0.00	92.34 4.31 0.00	65.47 3.53 0.00	59.05 3.55 0.00	50.81 3.32 0.00	50.08 3.23 0.00	49.27 3.18 0.00	50.32 3.16 0.00	53.10 3.19 0.00	64.32 3.81 0.00	82.96 4.70 0.00	101.05 5.72 0.00	88.22 4.91 0.00	80.95 4.29 0.00	70.82 3.24 0.00	63.18 3.24 0.00	58.11 2.82 0.00	55.54 2.64 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	55.09 2.12 0.00	52.48 1.87 0.00	51.05 1.87 0.00	51.77 1.90 0.00	52.66 2.07 0.00	55.98 2.46 0.00	78.33 3.66 0.00	92.34 4.31 0.00	65.47 3.53 0.00	59.05 3.55 0.00	50.81 3.32 0.00	50.08 3.23 0.00	49.27 3.18 0.00	50.32 3.16 0.00	53.10 3.19 0.00	64.32 3.81 0.00	82.96 4.70 0.00	101.05 5.72 0.00	88.22 4.91 0.00	80.95 4.29 0.00	70.82 3.24 0.00	63.18 3.24 0.00	58.11 2.82 0.00	55.54 2.64 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	54.99 2.01 0.00	52.43 1.82 0.00	51.00 1.82 0.00	51.67 1.80 0.00	52.61 2.02 0.00	55.88 2.35 0.00	78.25 3.58 0.00	92.26 4.23 0.00	65.28 3.34 0.00	58.66 3.16 0.00	50.33 2.85 0.00	49.56 2.72 0.00	48.72 2.63 0.00	49.80 2.64 0.00	52.65 2.74 0.00	63.90 3.39 0.00	82.64 4.38 0.00	100.48 5.15 0.00	87.80 4.50 0.00	80.57 3.91 0.00	70.62 3.04 0.00	62.94 3.00 0.00	58.00 2.71 0.00	55.43 2.54 0.00
POLETTI____ 23519	54.72 1.75 0.00	52.18 1.57 0.00	51.01 1.82 -0.01	51.68 1.80 -0.01	52.57 1.97 -0.01	55.99 2.46 -0.01	77.58 2.91 0.00	91.55 3.52 0.00	64.79 2.85 0.00	64.03 2.89 -5.64	59.34 3.04 -8.81	58.53 3.00 -8.69	56.41 2.95 -7.38	54.49 2.92 -4.41	57.82 2.94 -4.97	64.04 3.51 -0.02	82.02 3.76 0.00	99.91 4.58 0.00	87.22 3.92 0.00	79.88 3.22 0.00	69.67 2.09 0.00	62.64 2.70 0.00	57.95 2.65 0.00	55.49 2.59 -0.01
POMONA___ESR 323819	54.99 2.01 0.00	52.38 1.77 0.00	50.95 1.77 0.00	51.67 1.79 0.00	52.46 1.87 0.00	55.87 2.35 0.00	78.25 3.58 0.00	92.17 4.14 0.00	65.22 3.28 0.00	58.83 3.33 0.00	50.62 3.13 0.00	49.89 3.04 0.00	49.04 2.95 0.00	50.13 2.97 0.00	52.90 2.99 0.00	64.02 3.51 0.00	82.72 4.46 0.00	100.67 5.34 0.00	87.97 4.66 0.00	80.57 3.91 0.00	70.55 2.97 0.00	62.94 3.00 0.00	58.00 2.71 0.00	55.12 2.22 0.00
PORT_JEFF_3 23555	57.00 4.02 0.00	53.85 3.24 0.00	52.33 3.15 0.00	52.92 3.04 0.00	53.97 3.39 0.00	57.54 4.02 0.00	77.88 3.21 0.00	91.46 3.43 0.00	66.40 4.46 0.00	61.33 5.83 -0.01	60.61 5.08 -8.04	60.61 4.92 -8.85	60.61 4.79 -9.73	56.13 4.86 -4.12	63.67 4.89 -8.87	66.97 5.99 -0.47	85.60 7.28 -0.06	108.37 8.87 -4.18	91.11 7.75 -0.06	86.76 6.59 -3.51	72.91 5.34 0.00	65.33 5.33 -0.05	59.81 4.48 -0.04	56.23 3.33 0.00
PORT_JEFF_4 23616	57.00 4.02 0.00	53.85 3.24 0.00	52.33 3.15 0.00	52.92 3.04 0.00	53.97 3.39 0.00	57.54 4.02 0.00	77.88 3.21 0.00	91.46 3.43 0.00	66.40 4.46 0.00	61.33 5.83 -0.01	60.61 5.08 -8.04	60.61 4.92 -8.85	60.61 4.79 -9.73	56.13 4.86 -4.12	63.67 4.89 -8.87	66.97 5.99 -0.47	85.60 7.28 -0.06	108.37 8.87 -4.18	91.11 7.75 -0.06	86.76 6.59 -3.51	72.91 5.34 0.00	65.33 5.33 -0.05	59.81 4.48 -0.04	56.23 3.33 0.00

PORT_JEFF_IC 23713	57.11 4.13 0.00	53.95 3.34 0.00	52.42 3.25 0.00	52.97 3.09 0.00	54.13 3.54 0.00	57.59 4.07 0.00	78.11 3.43 0.00	91.55 3.52 0.00	66.77 4.83 0.00	61.39 5.88 -0.01	60.99 5.22 -8.28	60.92 5.01 -9.06	60.96 4.93 -9.94	56.22 4.95 -4.11	64.14 5.04 -9.19	67.24 6.23 -0.49	85.83 7.51 -0.06	108.61 9.06 -4.22	91.28 7.91 -0.06	87.03 6.82 -3.55	73.19 5.61 0.00	65.57 5.57 -0.05	59.81 4.48 -0.04	57.87 4.97 0.00
PPL PILGRIM_ST_GT1 24216	57.43 4.45 0.00	54.30 3.69 0.00	52.72 3.54 0.00	53.31 3.44 0.00	54.43 3.84 0.00	57.96 4.44 0.00	79.08 4.40 0.00	93.13 5.10 0.00	66.95 5.01 0.00	61.72 6.21 -0.01	56.16 4.79 -3.89	56.52 4.64 -5.03	56.51 4.52 -5.90	55.83 4.62 -4.05	58.03 4.74 -3.39	66.56 5.99 -0.06	86.57 8.29 -0.02	106.07 9.73 -1.01	91.99 8.66 -0.02	84.56 7.05 -0.85	73.73 6.15 0.00	65.41 5.45 -0.01	59.77 4.48 0.00	56.60 3.70 0.00
PPL PILGRIM_ST_GT2 24217	57.43 4.45 0.00	54.30 3.69 0.00	52.72 3.54 0.00	53.31 3.44 0.00	54.43 3.84 0.00	57.96 4.44 0.00	79.08 4.40 0.00	93.13 5.10 0.00	66.95 5.01 0.00	61.72 6.21 -0.01	56.16 4.79 -3.89	56.52 4.64 -5.03	56.51 4.52 -5.90	55.83 4.62 -4.05	58.03 4.74 -3.39	66.56 5.99 -0.06	86.57 8.29 -0.02	106.07 9.73 -1.01	91.99 8.66 -0.02	84.56 7.05 -0.85	73.73 6.15 0.00	65.41 5.45 -0.01	59.77 4.48 0.00	56.60 3.70 0.00
PPL_SHRM_GT3 24213	57.58 4.61 0.00	54.40 3.80 0.00	52.82 3.64 0.00	53.42 3.54 0.00	54.48 3.90 0.00	58.07 4.55 0.00	79.00 4.33 0.00	93.04 5.02 0.00	67.08 5.14 0.00	61.89 6.38 -0.01	61.19 5.70 -8.01	61.19 5.53 -8.81	61.17 5.39 -9.70	56.74 5.47 -4.11	64.42 5.69 -8.83	68.11 7.14 -0.47	87.31 9.00 -0.06	110.50 11.05 -4.12	93.02 9.66 -0.06	88.55 8.43 -3.46	74.20 6.63 0.00	66.47 6.48 -0.05	60.53 5.20 -0.04	56.81 3.91 0.00
PPL_SHRM_GT4 24214	57.58 4.61 0.00	54.40 3.80 0.00	52.82 3.64 0.00	53.42 3.54 0.00	54.48 3.90 0.00	58.07 4.55 0.00	79.00 4.33 0.00	93.04 5.02 0.00	67.08 5.14 0.00	61.89 6.38 -0.01	61.19 5.70 -8.01	61.19 5.53 -8.81	61.17 5.39 -9.70	56.74 5.47 -4.11	64.42 5.69 -8.83	68.11 7.14 -0.47	87.31 9.00 -0.06	110.50 11.05 -4.12	93.02 9.66 -0.06	88.55 8.43 -3.46	74.20 6.63 0.00	66.47 6.48 -0.05	60.53 5.20 -0.04	56.81 3.91 0.00
PROJECT___ORANGE 1 24174	52.45 -0.53 0.00	50.15 -0.46 0.00	48.69 -0.49 0.00	49.43 -0.45 0.00	49.98 -0.61 0.00	52.77 -0.75 0.00	73.63 -1.05 0.00	86.89 -1.14 0.00	61.01 -0.93 0.00	54.67 -0.83 0.00	46.82 -0.66 0.00	46.19 -0.66 0.00	45.49 -0.60 0.00	46.50 -0.66 0.00	49.15 -0.75 0.00	59.54 -0.97 0.00	77.01 -1.25 0.00	93.81 -1.53 0.00	81.97 -1.33 0.00	75.43 -1.23 0.00	66.63 -0.95 0.00	58.93 -1.02 0.00	54.35 -0.94 0.00	52.00 -0.90 0.00
PROJECT___ORANGE 2 24166	52.45 -0.53 0.00	50.15 -0.46 0.00	48.69 -0.49 0.00	49.43 -0.45 0.00	49.98 -0.61 0.00	52.77 -0.75 0.00	73.63 -1.05 0.00	86.89 -1.14 0.00	61.01 -0.93 0.00	54.67 -0.83 0.00	46.82 -0.66 0.00	46.19 -0.66 0.00	45.49 -0.60 0.00	46.50 -0.66 0.00	49.15 -0.75 0.00	59.54 -0.97 0.00	77.01 -1.25 0.00	93.81 -1.53 0.00	81.97 -1.33 0.00	75.43 -1.23 0.00	66.63 -0.95 0.00	58.93 -1.02 0.00	54.35 -0.94 0.00	52.00 -0.90 0.00
PUCKETT___SOLAR 323809	54.67 1.69 0.00	52.23 1.62 0.00	50.75 1.57 0.00	51.52 1.64 0.00	52.15 1.57 0.00	55.13 1.60 0.00	77.21 2.54 0.00	90.93 2.90 0.00	63.49 1.55 0.00	56.61 1.11 0.00	48.29 0.81 0.00	47.50 0.66 0.00	46.78 0.69 0.00	47.87 0.71 0.00	50.55 0.65 0.00	61.60 1.09 0.00	79.98 1.72 0.00	97.62 2.28 0.00	85.30 2.00 0.00	78.58 1.92 0.00	69.54 1.96 0.00	61.50 1.56 0.00	56.62 1.32 0.00	54.27 1.37 0.00
PYRITES___HYD 24023	54.46 1.48 0.00	52.07 1.47 0.00	50.65 1.48 0.00	51.17 1.30 0.00	52.41 1.82 0.00	55.02 1.50 0.00	76.01 1.34 0.00	89.88 1.85 0.00	62.87 0.93 0.00	56.17 0.67 0.00	47.44 -0.05 0.00	46.80 -0.05 0.00	45.77 -0.32 0.00	47.49 0.33 0.00	50.50 0.60 0.00	60.09 -0.42 0.00	77.87 -0.39 0.00	95.33 0.00 0.00	83.39 0.08 0.00	77.73 1.07 0.00	69.00 1.42 0.00	61.50 1.56 0.00	57.56 2.27 0.00	55.01 2.12 0.00
QUAKERRD_115KV_BK1 80622	51.65 -1.32 0.00	49.44 -1.16 0.00	48.05 -1.13 0.00	48.88 -1.00 0.00	49.12 -1.47 0.00	51.43 -2.09 0.00	71.31 -3.36 0.00	83.80 -4.23 0.00	58.78 -3.16 0.00	53.00 -2.50 0.00	45.35 -2.14 0.00	44.69 -2.15 0.00	44.06 -2.03 0.00	45.04 -2.12 0.00	47.26 -2.64 0.00	57.18 -3.33 0.00	73.87 -4.38 0.01	90.56 -4.77 0.00	78.89 -4.42 0.00	72.29 -4.37 0.01	64.47 -3.11 0.00	56.59 -3.36 0.00	52.31 -2.99 0.00	50.14 -2.75 0.00
QUENSBRY_115KV_TB8 356137	56.42 3.44 0.00	54.10 3.49 0.00	52.47 3.30 0.00	53.22 3.34 0.00	54.02 3.44 0.00	57.43 3.91 0.00	80.49 5.82 0.00	95.07 7.04 0.00	66.03 4.09 0.00	58.50 3.00 0.00	49.81 2.33 0.00	49.09 2.25 0.00	48.26 2.17 0.00	49.23 2.07 0.00	52.40 2.50 0.00	64.26 3.75 0.00	83.74 5.48 0.00	102.19 6.86 0.00	89.39 6.08 0.00	82.49 5.83 0.00	72.85 5.27 0.00	64.38 4.44 0.00	59.16 3.87 0.00	56.70 3.81 0.00
RAMAPO___LBMP 323565	54.78 1.80 0.00	52.18 1.57 0.00	50.80 1.62 0.00	51.47 1.60 0.00	52.36 1.77 0.00	55.66 2.14 0.00	77.96 3.29 0.00	91.82 3.79 0.00	65.04 3.10 0.00	58.66 3.16 0.00	50.48 2.99 0.00	49.75 2.90 0.00	48.95 2.86 0.00	49.99 2.83 0.00	52.75 2.84 0.00	63.84 3.33 0.00	82.41 4.15 0.00	100.29 4.96 0.00	87.55 4.25 0.00	80.26 3.60 0.00	70.28 2.70 0.00	62.70 2.76 0.00	57.73 2.43 0.00	55.22 2.33 0.00
RANKINE____ 23646	53.40 0.42 0.00	51.26 0.66 0.00	49.87 0.69 0.00	50.82 0.95 0.00	50.58 0.00 0.00	52.18 -1.34 0.00	71.91 -2.76 0.00	83.63 -4.40 0.00	58.22 -3.72 0.00	53.45 -2.05 0.00	45.96 -1.52 0.00	45.30 -1.55 0.00	44.75 -1.34 0.00	45.60 -1.56 0.00	47.21 -2.69 0.00	56.76 -3.75 0.00	73.24 -5.01 0.02	89.51 -5.82 0.01	78.21 -5.08 0.01	71.82 -4.83 0.02	64.27 -3.31 0.00	55.87 -4.08 0.00	52.09 -3.21 0.00	50.30 -2.59 0.00
RAVENSWOOD_GT2_1 24244	55.20 2.22 0.00	52.58 1.97 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.55 3.88 0.00	92.70 4.67 0.00	65.84 3.90 0.00	65.03 3.89 -5.64	60.12 3.70 -8.93	59.26 3.61 -8.81	57.13 3.55 -7.49	55.18 3.54 -4.48	58.53 3.59 -5.04	64.76 4.24 -0.02	83.43 5.17 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.18 4.52 0.00	70.96 3.38 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.86 2.96 0.00
RAVENSWOOD_GT2_2 24245	55.20 2.22 0.00	52.58 1.97 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.55 3.88 0.00	92.70 4.67 0.00	65.84 3.90 0.00	65.03 3.89 -5.64	60.12 3.70 -8.93	59.26 3.61 -8.81	57.13 3.55 -7.49	55.18 3.54 -4.48	58.53 3.59 -5.04	64.76 4.24 -0.02	83.43 5.17 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.18 4.52 0.00	70.96 3.38 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.86 2.96 0.00



RAVENSWOOD_GT2_3 24246	55.20 2.22 0.00	52.58 1.97 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.63 3.96 0.00	92.78 4.75 0.00	65.90 3.96 0.00	65.08 3.94 -5.64	60.17 3.75 -8.93	59.26 3.61 -8.81	57.13 3.55 -7.49	55.18 3.54 -4.48	58.53 3.59 -5.04	64.82 4.30 -0.02	83.43 5.17 0.00	101.62 6.29 0.00	88.64 5.33 0.00	81.26 4.60 0.00	70.96 3.38 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.86 2.96 0.00
RAVENSWOOD_GT2_4 24247	55.20 2.22 0.00	52.58 1.97 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.63 3.96 0.00	92.78 4.75 0.00	65.90 3.96 0.00	65.08 3.94 -5.64	60.17 3.75 -8.93	59.26 3.61 -8.81	57.13 3.55 -7.49	55.18 3.54 -4.48	58.53 3.59 -5.04	64.82 4.30 -0.02	83.43 5.17 0.00	101.62 6.29 0.00	88.64 5.33 0.00	81.26 4.60 0.00	70.96 3.38 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.86 2.96 0.00
RAVENSWOOD_GT3_1 24248	55.20 2.22 0.00	52.58 1.97 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.63 3.96 0.00	92.70 4.67 0.00	65.84 3.90 0.00	65.08 3.94 -5.64	60.12 3.70 -8.93	59.26 3.61 -8.81	57.13 3.55 -7.49	55.18 3.54 -4.48	58.53 3.59 -5.04	64.82 4.30 -0.02	83.43 5.17 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.26 4.60 0.00	70.96 3.38 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.86 2.96 0.00
RAVENSWOOD_GT3_2 24249	55.20 2.22 0.00	52.58 1.97 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.63 3.96 0.00	92.70 4.67 0.00	65.84 3.90 0.00	65.08 3.94 -5.64	60.12 3.70 -8.93	59.26 3.61 -8.81	57.13 3.55 -7.49	55.18 3.54 -4.48	58.53 3.59 -5.04	64.82 4.30 -0.02	83.43 5.17 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.26 4.60 0.00	70.96 3.38 0.00	63.48 3.54 0.00	58.44 3.15 0.00	55.86 2.96 0.00
RAVENSWOOD_GT3_3 24250	55.25 2.28 0.00	52.63 2.02 0.00	51.29 2.11 0.00	52.02 2.14 0.00	52.96 2.38 0.00	56.30 2.78 0.00	78.70 4.03 0.00	92.87 4.84 0.00	65.97 4.03 0.00	65.14 4.00 -5.64	60.21 3.80 -8.93	59.31 3.65 -8.81	57.17 3.59 -7.49	55.22 3.58 -4.48	58.58 3.64 -5.04	64.88 4.36 -0.02	83.50 5.24 0.00	101.72 6.39 0.00	88.72 5.41 0.00	81.34 4.68 0.00	71.02 3.45 0.00	63.54 3.60 0.00	58.50 3.21 0.00	55.91 3.01 0.00
RAVENSWOOD_GT3_4 24251	55.25 2.28 0.00	52.63 2.02 0.00	51.29 2.11 0.00	52.02 2.14 0.00	52.96 2.38 0.00	56.30 2.78 0.00	78.70 4.03 0.00	92.87 4.84 0.00	65.97 4.03 0.00	65.14 4.00 -5.64	60.21 3.80 -8.93	59.31 3.65 -8.81	57.17 3.59 -7.49	55.22 3.58 -4.48	58.58 3.64 -5.04	64.88 4.36 -0.02	83.50 5.24 0.00	101.72 6.39 0.00	88.72 5.41 0.00	81.34 4.68 0.00	71.02 3.45 0.00	63.54 3.60 0.00	58.50 3.21 0.00	55.91 3.01 0.00
RAVENSWOOD_GT_1 23729	55.31 2.33 0.00	52.68 2.07 0.00	51.55 2.36 -0.01	52.28 2.39 -0.01	53.22 2.63 -0.01	56.58 3.05 -0.01	78.63 3.96 0.00	92.70 4.67 0.00	65.90 3.96 0.00	64.97 3.83 -5.64	60.14 3.70 -8.95	59.28 3.61 -8.82	57.14 3.55 -7.50	55.19 3.54 -4.49	58.54 3.59 -5.05	64.94 4.42 -0.02	83.35 5.09 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.60 3.66 0.00	58.72 3.43 0.00	56.18 3.28 -0.01
RAVENSWOOD_GT_10 24258	55.20 2.22 0.00	52.58 1.97 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.63 3.96 0.00	92.70 4.67 0.00	65.90 3.96 0.00	65.08 3.94 -5.64	60.12 3.70 -8.93	59.26 3.61 -8.81	57.13 3.55 -7.49	55.18 3.54 -4.48	58.53 3.59 -5.04	64.76 4.24 -0.02	83.43 5.17 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.26 4.60 0.00	70.96 3.38 0.00	63.48 3.54 0.00	58.39 3.10 0.00	55.86 2.96 0.00
RAVENSWOOD_GT_11 24259	55.20 2.22 0.00	52.58 1.97 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.63 3.96 0.00	92.70 4.67 0.00	65.90 3.96 0.00	65.08 3.94 -5.64	60.12 3.70 -8.93	59.26 3.61 -8.81	57.13 3.55 -7.49	55.18 3.54 -4.48	58.53 3.59 -5.04	64.76 4.24 -0.02	83.43 5.17 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.26 4.60 0.00	70.96 3.38 0.00	63.48 3.54 0.00	58.39 3.10 0.00	55.86 2.96 0.00
RAVENSWOOD_GT_4 24252	55.20 2.22 0.00	52.58 1.97 0.00	51.35 2.16 -0.01	52.08 2.19 -0.01	53.02 2.43 -0.01	56.31 2.78 -0.01	78.55 3.88 0.00	92.70 4.67 0.00	65.84 3.90 0.00	65.03 3.89 -5.64	60.10 3.70 -8.91	59.19 3.56 -8.79	57.06 3.50 -7.47	55.12 3.49 -4.47	58.52 3.59 -5.03	64.82 4.30 -0.02	83.35 5.09 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.48 3.54 0.00	58.50 3.21 0.00	55.97 3.07 -0.01
RAVENSWOOD_GT_5 24254	55.20 2.22 0.00	52.58 1.97 0.00	51.35 2.16 -0.01	52.08 2.19 -0.01	53.02 2.43 -0.01	56.31 2.78 -0.01	78.55 3.88 0.00	92.70 4.67 0.00	65.84 3.90 0.00	65.03 3.89 -5.64	60.10 3.70 -8.91	59.19 3.56 -8.79	57.06 3.50 -7.47	55.12 3.49 -4.47	58.52 3.59 -5.03	64.82 4.30 -0.02	83.35 5.09 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.48 3.54 0.00	58.50 3.21 0.00	55.97 3.07 -0.01
RAVENSWOOD_GT_6 24253	55.20 2.22 0.00	52.58 1.97 0.00	51.35 2.16 -0.01	52.08 2.19 -0.01	53.02 2.43 -0.01	56.31 2.78 -0.01	78.55 3.88 0.00	92.70 4.67 0.00	65.84 3.90 0.00	65.03 3.89 -5.64	60.10 3.70 -8.91	59.19 3.56 -8.79	57.06 3.50 -7.47	55.12 3.49 -4.47	58.52 3.59 -5.03	64.82 4.30 -0.02	83.35 5.09 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.48 3.54 0.00	58.50 3.21 0.00	55.97 3.07 -0.01
RAVENSWOOD_GT_7 24255	55.20 2.22 0.00	52.58 1.97 0.00	51.35 2.16 -0.01	52.08 2.19 -0.01	53.02 2.43 -0.01	56.31 2.78 -0.01	78.55 3.88 0.00	92.70 4.67 0.00	65.84 3.90 0.00	65.03 3.89 -5.64	60.10 3.70 -8.91	59.19 3.56 -8.79	57.06 3.50 -7.47	55.12 3.49 -4.47	58.52 3.59 -5.03	64.82 4.30 -0.02	83.35 5.09 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.18 4.52 0.00	70.89 3.31 0.00	63.48 3.54 0.00	58.50 3.21 0.00	55.97 3.07 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	55.20 2.22 0.00	52.58 1.97 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.63 3.96 0.00	92.70 4.67 0.00	65.90 3.96 0.00	65.08 3.94 -5.64	60.12 3.70 -8.93	59.26 3.61 -8.81	57.13 3.55 -7.49	55.18 3.54 -4.48	58.53 3.59 -5.04	64.76 4.24 -0.02	83.43 5.17 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.26 4.60 0.00	70.96 3.38 0.00	63.48 3.54 0.00	58.39 3.10 0.00	55.86 2.96 0.00
RAVENSWOOD_GT_9 24257	55.20 2.22 0.00	52.58 1.97 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.91 2.33 0.00	56.25 2.73 0.00	78.63 3.96 0.00	92.70 4.67 0.00	65.90 3.96 0.00	65.08 3.94 -5.64	60.12 3.70 -8.93	59.26 3.61 -8.81	57.13 3.55 -7.49	55.18 3.54 -4.48	58.53 3.59 -5.04	64.76 4.24 -0.02	83.43 5.17 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.26 4.60 0.00	70.96 3.38 0.00	63.48 3.54 0.00	58.39 3.10 0.00	55.86 2.96 0.00

RAVENSWOOD___1 23533	55.25 2.28 0.00	52.68 2.08 0.00	51.55 2.36 -0.01	52.28 2.39 -0.01	53.07 2.48 -0.01	56.52 3.00 -0.01	78.55 3.88 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	64.97 3.83 -5.64	60.07 3.66 -8.93	59.21 3.56 -8.81	57.04 3.46 -7.49	55.13 3.49 -4.48	58.48 3.54 -5.04	64.88 4.36 -0.02	83.35 5.08 0.00	101.52 6.19 0.00	88.56 5.25 0.00	81.11 4.44 0.00	70.82 3.24 0.00	63.60 3.66 0.00	58.78 3.49 0.00	55.86 2.96 -0.01
RAVENSWOOD___2 23534	55.25 2.28 0.00	52.63 2.03 0.00	51.55 2.36 -0.01	52.28 2.39 -0.01	53.07 2.48 -0.01	56.52 3.00 -0.01	78.55 3.88 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	64.97 3.83 -5.64	60.02 3.61 -8.93	59.21 3.56 -8.81	57.04 3.46 -7.49	55.13 3.49 -4.48	58.48 3.54 -5.04	64.82 4.30 -0.02	83.35 5.08 0.00	101.52 6.19 0.00	88.56 5.25 0.00	81.11 4.44 0.00	70.82 3.24 0.00	63.54 3.60 0.00	58.72 3.43 0.00	55.81 2.91 -0.01
RAVENSWOOD___3 23535	55.20 2.22 0.00	52.58 1.97 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.81 2.22 0.00	56.25 2.73 0.00	78.63 3.95 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	65.08 3.94 -5.64	60.12 3.71 -8.93	59.26 3.61 -8.81	57.08 3.50 -7.49	55.18 3.54 -4.48	58.53 3.60 -5.04	64.76 4.23 -0.02	83.43 5.16 0.00	101.62 6.29 0.00	88.64 5.34 0.00	81.26 4.60 0.00	70.95 3.38 0.00	63.48 3.54 0.00	58.50 3.21 0.00	55.54 2.64 0.00
RAVENSWOOD___4 23820	55.25 2.28 0.00	52.63 2.03 0.00	51.50 2.31 -0.01	52.23 2.34 -0.01	53.07 2.48 -0.01	56.52 3.00 -0.01	78.55 3.88 0.00	92.69 4.66 0.00	65.85 3.90 -0.01	64.92 3.78 -5.64	60.00 3.61 -8.91	59.19 3.56 -8.79	57.02 3.46 -7.47	55.07 3.44 -4.48	58.47 3.54 -5.03	64.82 4.30 -0.02	83.35 5.08 0.00	101.52 6.19 0.00	88.56 5.25 0.00	81.11 4.44 0.00	70.82 3.24 0.00	63.54 3.60 0.00	58.72 3.43 0.00	55.81 2.91 -0.01
RCPL_TRUST___DRP 24196	55.20 2.22 0.00	52.58 1.97 0.00	51.20 2.02 0.00	51.87 1.99 0.00	52.81 2.23 0.00	56.14 2.62 0.00	78.63 3.96 0.00	92.70 4.67 0.00	65.90 3.96 0.00	59.76 4.00 -0.27	51.72 3.80 -0.43	50.93 3.65 -0.43	50.05 3.59 -0.36	50.96 3.58 -0.22	53.79 3.64 -0.24	64.81 4.30 0.00	83.43 5.17 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.26 4.60 0.00	70.96 3.38 0.00	63.42 3.48 0.00	58.33 3.04 0.00	55.75 2.86 0.00
RED___ROCHESTER 323720	53.35 0.37 0.00	51.11 0.51 0.00	49.67 0.49 0.00	50.57 0.70 0.00	50.94 0.36 0.00	52.93 -0.59 0.00	73.40 -1.27 0.00	86.09 -1.94 0.00	60.39 -1.55 0.00	54.50 -1.00 0.00	46.82 -0.66 0.00	46.00 -0.84 0.00	45.31 -0.78 0.00	46.31 -0.85 0.00	48.51 -1.40 0.00	58.82 -1.69 0.00	75.75 -2.51 0.01	93.04 -2.29 0.00	81.13 -2.17 0.00	74.20 -2.46 0.01	66.43 -1.15 0.00	58.15 -1.80 0.00	53.74 -1.55 0.00	52.58 -0.32 0.00
REGAN___SOLAR 323812	54.62 1.64 0.00	52.27 1.67 0.00	50.75 1.57 0.00	51.47 1.60 0.00	52.25 1.67 0.00	55.72 2.20 0.00	78.18 3.51 0.00	91.90 3.87 0.00	62.68 0.75 0.00	54.78 -0.72 0.00	46.30 -1.19 0.00	45.58 -1.26 0.00	44.89 -1.20 0.00	46.07 -1.08 0.00	49.45 -0.45 0.00	61.66 1.15 0.00	81.31 3.05 0.00	99.52 4.19 0.00	87.06 3.75 0.00	80.42 3.76 0.00	70.75 3.18 0.00	62.70 2.76 0.00	57.45 2.15 0.00	54.90 2.01 0.00
RENSSELAER___COGEN 23796	53.19 0.21 0.00	50.86 0.25 0.00	49.43 0.25 0.00	50.07 0.20 0.00	50.84 0.25 0.00	53.90 0.38 0.00	75.12 0.45 0.00	88.65 0.62 0.00	62.38 0.44 0.00	55.67 0.17 0.00	47.63 0.14 0.00	47.13 0.28 0.00	46.41 0.32 0.00	47.44 0.28 0.00	50.30 0.40 0.00	60.99 0.48 0.00	79.04 0.78 0.00	96.19 0.86 0.00	84.14 0.83 0.00	77.43 0.77 0.00	68.18 0.61 0.00	60.54 0.60 0.00	55.79 0.50 0.00	53.21 0.32 0.00
REPUBLIC_115KV_BARTNBK 55605	58.96 5.99 0.00	56.63 6.02 0.00	54.88 5.70 0.00	55.66 5.79 0.00	56.45 5.87 0.00	60.21 6.69 0.00	84.60 9.93 0.00	100.09 12.06 0.00	68.69 6.75 0.00	60.50 5.00 0.00	51.43 3.94 0.00	50.59 3.75 0.00	49.68 3.59 0.00	50.65 3.49 0.00	53.99 4.09 0.00	66.74 6.23 0.00	87.42 9.16 0.00	107.15 11.82 0.00	93.63 10.33 0.00	86.70 10.04 0.00	76.50 8.92 0.00	67.44 7.49 0.00	61.71 6.41 0.00	59.29 6.40 0.00
REVERE_CPPR_DRP 24186	55.04 2.07 0.00	52.53 1.92 0.00	51.10 1.92 0.00	51.77 1.90 0.00	52.46 1.87 0.00	55.61 2.09 0.00	78.03 3.36 0.00	92.34 4.31 0.00	64.42 2.48 0.00	57.39 1.89 0.00	48.81 1.33 0.00	48.06 1.22 0.00	47.29 1.20 0.00	48.43 1.27 0.00	51.30 1.40 0.00	62.63 2.12 0.00	81.39 3.13 0.00	99.14 3.81 0.00	86.64 3.33 0.00	79.80 3.14 0.00	70.41 2.84 0.00	62.40 2.46 0.00	57.34 2.05 0.00	54.69 1.80 0.00
REYNLDPA_13_KV_LD 356490	53.13 0.16 0.00	50.86 0.25 0.00	49.48 0.30 0.00	50.02 0.15 0.00	51.19 0.61 0.00	53.63 0.11 0.00	73.92 -0.75 0.00	87.42 -0.61 0.00	61.63 -0.31 0.00	54.61 -0.89 0.00	47.01 -0.47 0.00	46.42 -0.42 0.00	45.44 -0.65 0.00	47.11 -0.05 0.00	50.15 0.25 0.00	59.66 -0.85 0.00	77.17 -1.10 0.00	93.90 -1.43 0.00	81.55 -1.75 0.00	76.13 -0.53 0.00	67.51 -0.07 0.00	59.53 -0.42 0.00	55.51 0.22 0.00	53.85 0.95 0.00
REYNOLDS_115KV_TB3 80639	53.66 0.69 0.00	51.31 0.71 0.00	49.82 0.64 0.00	50.47 0.60 0.00	51.34 0.76 0.00	54.38 0.86 0.00	75.79 1.12 0.00	89.35 1.32 0.00	62.93 0.99 0.00	56.11 0.61 0.00	47.91 0.43 0.00	47.41 0.56 0.00	46.69 0.60 0.00	47.72 0.57 0.00	50.70 0.80 0.00	61.54 1.03 0.00	79.75 1.49 0.00	96.95 1.62 0.00	84.80 1.50 0.00	78.19 1.53 0.00	68.79 1.22 0.00	61.08 1.14 0.00	56.29 1.00 0.00	53.90 1.00 0.00
RIVERBAY____ 323610	55.99 3.02 0.00	53.39 2.78 0.00	52.19 3.00 -0.01	52.92 3.04 -0.01	53.83 3.24 -0.01	57.28 3.75 -0.01	79.52 4.85 0.00	93.66 5.63 0.00	66.27 4.34 0.00	65.25 4.11 -5.64	60.19 3.89 -8.81	59.33 3.79 -8.69	57.20 3.73 -7.38	55.29 3.73 -4.41	58.67 3.79 -4.97	65.25 4.72 -0.02	83.82 5.56 0.00	102.10 6.77 0.00	89.05 5.75 0.00	81.57 4.91 0.00	71.23 3.65 0.00	63.96 4.02 0.00	59.16 3.87 0.00	56.66 3.76 -0.01
RIVERSDE_115KV_TB3 55908	53.40 0.42 0.00	51.01 0.40 0.00	49.57 0.39 0.00	50.22 0.35 0.00	51.09 0.51 0.00	54.11 0.59 0.00	75.42 0.75 0.00	89.00 0.97 0.00	62.62 0.68 0.00	55.83 0.33 0.00	47.82 0.33 0.00	47.31 0.47 0.00	46.55 0.46 0.00	47.58 0.42 0.00	50.50 0.60 0.00	61.30 0.79 0.00	79.44 1.17 0.00	96.57 1.24 0.00	84.47 1.17 0.00	77.81 1.15 0.00	68.45 0.88 0.00	60.78 0.84 0.00	55.96 0.66 0.00	53.64 0.74 0.00
ROARING___BROOK_WT_PWR 323790	52.82 -0.16 0.00	50.51 -0.10 0.00	49.08 -0.10 0.00	49.73 -0.15 0.00	50.64 0.05 0.00	53.36 -0.16 0.00	74.15 -0.52 0.00	87.50 -0.53 0.00	61.63 -0.31 0.00	55.00 -0.50 0.00	47.15 -0.33 0.00	46.52 -0.33 0.00	45.67 -0.42 0.00	46.97 -0.19 0.00	49.80 -0.10 0.00	60.02 -0.49 0.00	77.56 -0.71 0.00	94.47 -0.86 0.00	82.39 -0.91 0.00	76.20 -0.46 0.00	67.31 -0.27 0.00	59.65 -0.30 0.00	55.24 -0.06 0.00	53.05 0.16 0.00

ROCHESRG_115KV_T4 355643	52.76 -0.21 0.00	50.56 -0.05 0.00	49.18 0.00 0.00	50.02 0.15 0.00	50.13 -0.46 0.00	52.29 -1.23 0.00	72.43 -2.24 0.00	84.86 -3.17 0.00	59.52 -2.42 0.00	53.78 -1.72 0.00	46.06 -1.42 0.00	45.44 -1.41 0.00	44.80 -1.29 0.00	45.74 -1.41 0.00	47.91 -2.00 0.00	57.85 -2.66 0.00	74.65 -3.60 0.01	91.61 -3.72 0.00	79.80 -3.50 0.00	73.13 -3.53 0.01	65.41 -2.16 0.00	57.25 -2.70 0.00	53.03 -2.27 0.00	50.94 -1.96 0.00
ROCHESTER_9_IC 23652	53.13 0.16 0.00	50.91 0.30 0.00	49.47 0.30 0.00	50.37 0.50 0.00	50.48 -0.10 0.00	52.72 -0.80 0.00	73.03 -1.64 0.00	85.65 -2.38 0.00	60.08 -1.86 0.00	54.22 -1.28 0.00	46.39 -1.09 0.00	45.77 -1.08 0.00	45.12 -0.97 0.00	46.12 -1.04 0.00	48.26 -1.65 0.00	58.33 -2.18 0.00	75.36 -2.90 0.01	92.47 -2.86 0.00	80.55 -2.75 0.00	73.82 -2.84 0.01	66.02 -1.55 0.00	57.79 -2.16 0.00	53.47 -1.82 0.00	51.25 -1.64 0.00
ROCKVIEW_13_KV_LD 356306	55.31 2.33 0.00	52.63 2.02 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.86 2.28 0.00	56.20 2.68 0.00	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	59.39 3.89 0.00	51.14 3.66 0.00	50.41 3.56 0.00	49.59 3.50 0.00	50.65 3.49 0.00	53.45 3.54 0.00	64.68 4.18 0.00	83.43 5.17 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.34 4.68 0.00	71.16 3.58 0.00	63.48 3.54 0.00	58.39 3.10 0.00	55.80 2.91 0.00
ROME____115KV_TB2 80656	55.04 2.07 0.00	52.53 1.92 0.00	51.10 1.92 0.00	51.77 1.90 0.00	52.46 1.87 0.00	55.61 2.09 0.00	78.03 3.36 0.00	92.34 4.31 0.00	64.42 2.48 0.00	57.39 1.89 0.00	48.81 1.33 0.00	48.06 1.22 0.00	47.29 1.20 0.00	48.43 1.27 0.00	51.30 1.40 0.00	62.63 2.12 0.00	81.39 3.13 0.00	99.14 3.81 0.00	86.64 3.33 0.00	79.80 3.14 0.00	70.41 2.84 0.00	62.40 2.46 0.00	57.34 2.05 0.00	54.69 1.80 0.00
ROSETON___1 23587	54.67 1.69 0.00	52.07 1.47 0.00	50.65 1.47 0.00	51.37 1.49 0.00	52.15 1.57 0.00	55.50 1.98 0.00	77.66 2.99 0.00	91.55 3.52 0.00	64.79 2.85 0.00	58.38 2.88 0.00	50.14 2.66 0.00	49.42 2.57 0.00	48.58 2.49 0.00	49.65 2.50 0.00	52.50 2.59 0.00	63.53 3.02 0.00	82.09 3.83 0.00	99.91 4.58 0.00	87.22 3.92 0.00	80.03 3.37 0.00	70.14 2.57 0.00	62.58 2.63 0.00	57.61 2.32 0.00	54.80 1.90 0.00
ROSETON___2 23588	54.67 1.69 0.00	52.07 1.47 0.00	50.65 1.47 0.00	51.37 1.49 0.00	52.15 1.57 0.00	55.50 1.98 0.00	77.66 2.99 0.00	91.55 3.52 0.00	64.79 2.85 0.00	58.38 2.88 0.00	50.14 2.66 0.00	49.42 2.57 0.00	48.58 2.49 0.00	49.65 2.50 0.00	52.50 2.59 0.00	63.53 3.02 0.00	82.09 3.83 0.00	99.91 4.58 0.00	87.22 3.92 0.00	80.03 3.37 0.00	70.14 2.57 0.00	62.58 2.63 0.00	57.61 2.32 0.00	54.80 1.90 0.00
ROTRDAM_115KV_TB3 80664	54.25 1.27 0.00	51.87 1.27 0.00	50.41 1.23 0.00	51.12 1.25 0.00	51.90 1.32 0.00	55.02 1.50 0.00	76.84 2.17 0.00	90.67 2.64 0.00	63.55 1.61 0.00	56.72 1.22 0.00	48.43 0.95 0.00	47.78 0.94 0.00	47.01 0.92 0.00	48.05 0.90 0.00	51.00 1.10 0.00	62.08 1.57 0.00	80.61 2.35 0.00	98.19 2.86 0.00	85.80 2.50 0.00	79.04 2.38 0.00	69.67 2.09 0.00	61.80 1.86 0.00	56.90 1.60 0.00	54.48 1.59 0.00
RUSSELL___1 23602	53.35 0.37 0.00	51.11 0.51 0.00	49.67 0.49 0.00	50.57 0.70 0.00	50.69 0.10 0.00	52.93 -0.59 0.00	73.40 -1.27 0.00	86.09 -1.94 0.00	60.39 -1.55 0.00	54.50 -1.00 0.00	46.63 -0.85 0.00	46.00 -0.84 0.00	45.31 -0.78 0.00	46.31 -0.85 0.00	48.51 -1.40 0.00	58.63 -1.88 0.00	75.75 -2.50 0.01	93.04 -2.29 0.00	81.05 -2.25 0.00	74.20 -2.45 0.01	66.36 -1.22 0.00	58.09 -1.86 0.00	53.69 -1.60 0.00	51.47 -1.43 0.00
RUSSELL___2 23532	53.35 0.37 0.00	51.11 0.51 0.00	49.67 0.49 0.00	50.57 0.70 0.00	50.69 0.10 0.00	52.93 -0.59 0.00	73.40 -1.27 0.00	86.09 -1.94 0.00	60.39 -1.55 0.00	54.50 -1.00 0.00	46.63 -0.85 0.00	46.00 -0.84 0.00	45.31 -0.78 0.00	46.31 -0.85 0.00	48.51 -1.40 0.00	58.63 -1.88 0.00	75.75 -2.50 0.01	93.04 -2.29 0.00	81.05 -2.25 0.00	74.20 -2.45 0.01	66.36 -1.22 0.00	58.09 -1.86 0.00	53.69 -1.60 0.00	51.47 -1.43 0.00
RUSSELL___3 23549	53.35 0.37 0.00	51.11 0.51 0.00	49.67 0.49 0.00	50.57 0.70 0.00	50.69 0.10 0.00	52.93 -0.59 0.00	73.40 -1.27 0.00	86.09 -1.94 0.00	60.39 -1.55 0.00	54.50 -1.00 0.00	46.63 -0.85 0.00	46.00 -0.84 0.00	45.31 -0.78 0.00	46.31 -0.85 0.00	48.51 -1.40 0.00	58.63 -1.88 0.00	75.75 -2.50 0.01	93.04 -2.29 0.00	81.05 -2.25 0.00	74.20 -2.45 0.01	66.36 -1.22 0.00	58.09 -1.86 0.00	53.69 -1.60 0.00	51.47 -1.43 0.00
RUSSELL___4 23556	53.35 0.37 0.00	51.11 0.51 0.00	49.67 0.49 0.00	50.57 0.70 0.00	50.69 0.10 0.00	52.93 -0.59 0.00	73.40 -1.27 0.00	86.09 -1.94 0.00	60.39 -1.55 0.00	54.50 -1.00 0.00	46.63 -0.85 0.00	46.00 -0.84 0.00	45.31 -0.78 0.00	46.31 -0.85 0.00	48.51 -1.40 0.00	58.63 -1.88 0.00	75.75 -2.50 0.01	93.04 -2.29 0.00	81.05 -2.25 0.00	74.20 -2.45 0.01	66.36 -1.22 0.00	58.09 -1.86 0.00	53.69 -1.60 0.00	51.47 -1.43 0.00
RUSSELL___STATION 23914	53.35 0.37 0.00	51.11 0.51 0.00	49.67 0.49 0.00	50.57 0.70 0.00	50.69 0.10 0.00	52.93 -0.59 0.00	73.40 -1.27 0.00	86.09 -1.94 0.00	60.39 -1.55 0.00	54.50 -1.00 0.00	46.63 -0.85 0.00	46.00 -0.84 0.00	45.31 -0.78 0.00	46.31 -0.85 0.00	48.51 -1.40 0.00	58.63 -1.88 0.00	75.75 -2.50 0.01	93.04 -2.29 0.00	81.05 -2.25 0.00	74.20 -2.45 0.01	66.36 -1.22 0.00	58.09 -1.86 0.00	53.69 -1.60 0.00	51.47 -1.43 0.00
S SALMON___HYD 24043	52.18 -0.79 0.00	49.85 -0.76 0.00	48.44 -0.74 0.00	49.13 -0.75 0.00	49.77 -0.81 0.00	52.66 -0.86 0.00	73.63 -1.05 0.00	86.98 -1.05 0.00	60.83 -1.11 0.00	54.17 -1.33 0.00	46.20 -1.28 0.00	45.49 -1.36 0.00	44.75 -1.34 0.00	45.84 -1.32 0.00	48.51 -1.40 0.00	59.06 -1.45 0.00	76.46 -1.80 0.00	93.62 -1.71 0.00	81.89 -1.42 0.00	75.51 -1.15 0.00	66.70 -0.88 0.00	58.98 -0.96 0.00	54.30 -0.99 0.00	51.94 -0.95 0.00
S.PERRY__115KV_TB1 80734	55.25 2.28 0.00	52.98 2.38 0.00	51.49 2.31 0.00	52.52 2.64 0.00	52.41 1.82 0.00	54.86 1.34 0.00	76.39 1.72 0.00	89.35 1.32 0.00	61.94 0.00 0.00	55.61 0.11 0.00	47.34 -0.14 0.00	46.52 -0.33 0.00	45.90 -0.18 0.00	46.97 -0.19 0.00	49.15 -0.75 0.00	57.48 -3.03 0.00	74.80 -3.44 0.02	92.08 -3.24 0.01	80.54 -2.75 0.01	73.96 -2.68 0.02	66.16 -1.42 0.00	59.65 -0.30 0.00	55.13 -0.17 0.00	52.84 -0.05 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	52.87 -0.11 0.00	50.76 0.15 0.00	49.42 0.25 0.00	50.32 0.45 0.00	50.18 -0.40 0.00	51.59 -1.93 0.00	70.86 -3.81 0.00	82.48 -5.55 0.00	57.54 -4.40 0.00	52.78 -2.72 0.00	45.39 -2.09 0.00	44.78 -2.06 0.00	44.25 -1.84 0.00	45.08 -2.07 0.00	46.66 -3.24 0.00	56.09 -4.42 0.00	72.22 -6.03 0.01	88.46 -6.86 0.01	77.22 -6.08 0.01	70.74 -5.90 0.01	63.59 -3.99 0.00	55.33 -4.62 0.00	51.53 -3.76 0.00	49.83 -3.07 0.00

SAWYER___23_KV_LOAD 55526	52.87 -0.11 0.00	50.76 0.15 0.00	49.42 0.25 0.00	50.32 0.45 0.00	50.18 -0.40 0.00	51.59 -1.93 0.00	70.86 -3.81 0.00	82.48 -5.55 0.00	57.54 -4.40 0.00	52.78 -2.72 0.00	45.39 -2.09 0.00	44.78 -2.06 0.00	44.25 -1.84 0.00	45.08 -2.07 0.00	46.66 -3.24 0.00	56.09 -4.42 0.00	72.22 -6.03 0.01	88.46 -6.86 0.01	77.22 -6.08 0.01	70.74 -5.90 0.01	63.59 -3.99 0.00	55.33 -4.62 0.00	51.53 -3.76 0.00	49.83 -3.07 0.00
SELKIRK___I 23801	54.09 1.11 0.00	51.72 1.11 0.00	50.21 1.03 0.00	50.92 1.05 0.00	51.70 1.11 0.00	54.75 1.23 0.00	76.39 1.72 0.00	90.06 2.03 0.00	63.11 1.17 0.00	56.22 0.72 0.00	47.96 0.47 0.00	47.36 0.52 0.00	46.64 0.56 0.00	47.73 0.57 0.00	50.65 0.75 0.00	61.72 1.21 0.00	80.06 1.80 0.00	97.52 2.19 0.00	85.30 2.00 0.00	78.58 1.92 0.00	69.20 1.62 0.00	61.44 1.50 0.00	56.68 1.38 0.00	54.11 1.22 0.00
SELKIRK___II 23799	53.45 0.48 0.00	51.06 0.45 0.00	49.62 0.44 0.00	50.32 0.45 0.00	51.09 0.51 0.00	54.17 0.64 0.00	75.49 0.82 0.00	89.09 1.06 0.00	62.68 0.75 0.00	56.00 0.50 0.00	47.91 0.43 0.00	47.36 0.52 0.00	46.64 0.56 0.00	47.68 0.52 0.00	50.50 0.60 0.00	61.29 0.78 0.00	79.36 1.10 0.00	96.57 1.24 0.00	84.47 1.17 0.00	77.73 1.07 0.00	68.45 0.88 0.00	60.78 0.84 0.00	56.01 0.72 0.00	53.48 0.58 0.00
SENECA OSWGO___HYD 24041	51.81 -1.17 0.00	49.49 -1.11 0.00	48.05 -1.13 0.00	48.78 -1.10 0.00	49.42 -1.16 0.00	52.19 -1.34 0.00	72.81 -1.86 0.00	85.92 -2.11 0.00	60.33 -1.61 0.00	54.06 -1.44 0.00	46.25 -1.23 0.00	45.53 -1.31 0.00	44.85 -1.24 0.00	45.89 -1.27 0.00	48.51 -1.40 0.00	58.88 -1.63 0.00	76.07 -2.19 0.00	92.85 -2.48 0.00	81.14 -2.17 0.00	74.67 -1.99 0.00	65.95 -1.62 0.00	58.33 -1.62 0.00	53.80 -1.49 0.00	51.52 -1.38 0.00
SENECA___115KV_TB3 355854	53.45 0.48 0.00	51.31 0.71 0.00	49.96 0.78 0.00	50.87 1.00 0.00	51.09 0.51 0.00	52.24 -1.29 0.00	72.06 -2.62 0.00	83.81 -4.22 0.00	58.41 -3.53 0.00	53.56 -1.94 0.00	46.30 -1.19 0.00	45.44 -1.40 0.00	44.80 -1.29 0.00	45.69 -1.46 0.00	47.26 -2.65 0.00	57.00 -3.51 0.00	73.32 -4.93 0.02	90.08 -5.24 0.01	78.63 -4.66 0.01	71.89 -4.75 0.02	64.47 -3.11 0.00	56.23 -3.72 0.00	52.25 -3.04 0.00	52.05 -0.85 0.00
SENECA___ENERGY 23797	52.76 -0.21 0.00	50.40 -0.20 0.00	48.98 -0.20 0.00	49.77 -0.10 0.00	50.33 -0.25 0.00	52.99 -0.54 0.00	73.85 -0.82 0.00	87.06 -0.97 0.00	61.01 -0.93 0.00	54.72 -0.78 0.00	46.82 -0.66 0.00	46.09 -0.75 0.00	45.35 -0.74 0.00	46.40 -0.76 0.00	48.95 -0.95 0.00	59.42 -1.09 0.00	76.85 -1.41 0.00	93.90 -1.43 0.00	82.06 -1.25 0.00	75.36 -1.30 0.00	66.77 -0.81 0.00	58.80 -1.14 0.00	54.24 -1.05 0.00	52.26 -0.63 0.00
SHOEMAKER___GT 23640	54.67 1.69 0.00	52.12 1.52 0.00	50.71 1.53 0.00	51.37 1.49 0.00	52.15 1.57 0.00	55.50 1.98 0.00	77.66 2.99 0.00	91.55 3.52 0.00	64.66 2.72 0.00	58.16 2.66 0.00	49.86 2.37 0.00	49.14 2.29 0.00	48.30 2.21 0.00	49.37 2.22 0.00	52.20 2.30 0.00	63.29 2.78 0.00	81.79 3.52 0.00	99.62 4.29 0.00	87.06 3.75 0.00	79.88 3.22 0.00	70.08 2.50 0.00	62.40 2.46 0.00	57.56 2.27 0.00	54.80 1.90 0.00
SHOEMAKR_138KV_BK 111 55601	54.67 1.70 0.00	52.07 1.47 0.00	50.65 1.48 0.00	51.37 1.50 0.00	52.20 1.62 0.00	55.45 1.93 0.00	77.66 2.99 0.00	91.46 3.43 0.00	64.66 2.73 0.00	58.11 2.61 0.00	49.91 2.42 0.00	49.19 2.34 0.00	48.35 2.26 0.00	49.42 2.26 0.00	52.25 2.35 0.00	63.29 2.78 0.00	81.78 3.52 0.00	99.52 4.19 0.00	87.05 3.75 0.00	79.88 3.22 0.00	70.01 2.43 0.00	62.40 2.46 0.00	57.50 2.21 0.00	54.96 2.06 0.00
SHOREHAM_IC_1 23715	57.58 4.61 0.00	54.40 3.80 0.00	52.82 3.64 0.00	53.42 3.54 0.00	54.48 3.90 0.00	58.07 4.55 0.00	79.00 4.33 0.00	93.04 5.02 0.00	67.08 5.14 0.00	61.89 6.38 -0.01	61.19 5.70 -8.01	61.19 5.53 -8.81	61.17 5.39 -9.70	56.74 5.47 -4.11	64.42 5.69 -8.83	68.11 7.14 -0.47	87.31 9.00 -0.06	110.50 11.05 -4.12	93.02 9.66 -0.06	88.55 8.43 -3.46	74.20 6.63 0.00	66.47 6.48 -0.05	60.53 5.20 -0.04	56.81 3.91 0.00
SHOREHAM_IC_2 23716	57.58 4.61 0.00	54.40 3.80 0.00	52.82 3.64 0.00	53.42 3.54 0.00	54.53 3.95 0.00	58.07 4.55 0.00	79.08 4.41 0.00	93.05 5.02 0.00	67.27 5.33 0.00	61.89 6.38 -0.01	61.19 5.70 -8.01	61.19 5.53 -8.81	61.18 5.39 -9.70	56.74 5.47 -4.11	64.42 5.69 -8.83	68.12 7.14 -0.47	87.32 9.00 -0.06	110.41 10.96 -4.12	92.94 9.58 -0.06	88.55 8.43 -3.46	74.20 6.62 0.00	66.47 6.47 -0.05	60.36 5.03 -0.04	58.34 5.45 0.00
SISSONVILLE____ 23735	53.50 0.53 0.00	51.16 0.56 0.00	49.77 0.59 0.00	50.32 0.45 0.00	51.50 0.91 0.00	54.00 0.48 0.00	74.37 -0.30 0.00	88.03 0.00 0.00	62.00 0.06 0.00	55.56 0.06 0.00	47.06 -0.43 0.00	46.42 -0.42 0.00	45.44 -0.65 0.00	47.11 -0.05 0.00	50.00 0.10 0.00	59.36 -1.15 0.00	76.54 -1.72 0.00	93.33 -2.00 0.00	81.47 -1.83 0.00	75.89 -0.77 0.00	67.51 -0.07 0.00	60.30 0.36 0.00	56.51 1.22 0.00	54.11 1.22 0.00
SITHE_IND_GS1 24169	51.28 -1.70 0.00	48.98 -1.62 0.00	47.60 -1.58 0.00	48.28 -1.60 0.00	48.92 -1.67 0.00	51.65 -1.87 0.00	71.99 -2.69 0.00	84.86 -3.17 0.00	59.65 -2.29 0.00	53.45 -2.05 0.00	45.73 -1.76 0.00	45.11 -1.73 0.00	44.38 -1.70 0.00	45.41 -1.74 0.00	48.01 -1.90 0.00	58.21 -2.30 0.00	75.21 -3.05 0.00	91.71 -3.62 0.00	80.14 -3.17 0.00	73.75 -2.91 0.00	65.15 -2.43 0.00	57.67 -2.28 0.00	53.19 -2.10 0.00	50.99 -1.90 0.00
SITHE_IND_GS2 24170	51.28 -1.70 0.00	48.98 -1.62 0.00	47.60 -1.58 0.00	48.28 -1.60 0.00	48.92 -1.67 0.00	51.65 -1.87 0.00	71.99 -2.69 0.00	84.86 -3.17 0.00	59.65 -2.29 0.00	53.45 -2.05 0.00	45.73 -1.76 0.00	45.11 -1.73 0.00	44.38 -1.70 0.00	45.41 -1.74 0.00	48.01 -1.90 0.00	58.21 -2.30 0.00	75.21 -3.05 0.00	91.71 -3.62 0.00	80.14 -3.17 0.00	73.75 -2.91 0.00	65.15 -2.43 0.00	57.67 -2.28 0.00	53.19 -2.10 0.00	50.99 -1.90 0.00
SITHE_IND_GS3 24171	51.28 -1.70 0.00	48.98 -1.62 0.00	47.60 -1.58 0.00	48.28 -1.60 0.00	48.92 -1.67 0.00	51.65 -1.87 0.00	71.99 -2.69 0.00	84.86 -3.17 0.00	59.65 -2.29 0.00	53.45 -2.05 0.00	45.73 -1.76 0.00	45.11 -1.73 0.00	44.38 -1.70 0.00	45.41 -1.74 0.00	48.01 -1.90 0.00	58.21 -2.30 0.00	75.21 -3.05 0.00	91.71 -3.62 0.00	80.14 -3.17 0.00	73.75 -2.91 0.00	65.15 -2.43 0.00	57.67 -2.28 0.00	53.19 -2.10 0.00	50.99 -1.90 0.00
SITHE_IND_GS4 24172	51.28 -1.70 0.00	48.98 -1.62 0.00	47.60 -1.58 0.00	48.28 -1.60 0.00	48.92 -1.67 0.00	51.65 -1.87 0.00	71.99 -2.69 0.00	84.86 -3.17 0.00	59.65 -2.29 0.00	53.45 -2.05 0.00	45.73 -1.76 0.00	45.11 -1.73 0.00	44.38 -1.70 0.00	45.41 -1.74 0.00	48.01 -1.90 0.00	58.21 -2.30 0.00	75.21 -3.05 0.00	91.71 -3.62 0.00	80.14 -3.17 0.00	73.75 -2.91 0.00	65.15 -2.43 0.00	57.67 -2.28 0.00	53.19 -2.10 0.00	50.99 -1.90 0.00

SITHE___BATAVIA 24024	53.82 0.84 0.00	51.67 1.06 0.00	50.26 1.08 0.00	51.22 1.35 0.00	51.44 0.86 0.00	52.88 -0.64 0.00	73.03 -1.64 0.00	85.39 -2.64 0.00	59.65 -2.29 0.00	54.00 -1.50 0.00	46.44 -1.04 0.00	45.58 -1.26 0.00	44.89 -1.20 0.00	45.84 -1.32 0.00	47.71 -2.19 0.00	57.79 -2.72 0.00	74.49 -3.76 0.01	91.80 -3.53 0.01	80.22 -3.08 0.01	73.20 -3.45 0.01	65.89 -1.69 0.00	57.43 -2.52 0.00	53.14 -2.16 0.00	52.63 -0.26 0.00
SITHE___INDEPEND 23800	51.28 -1.70 0.00	48.99 -1.62 0.00	47.61 -1.57 0.00	48.28 -1.60 0.00	48.86 -1.72 0.00	51.65 -1.87 0.00	71.98 -2.69 0.00	84.86 -3.17 0.00	59.65 -2.29 0.00	53.45 -2.05 0.00	45.73 -1.76 0.00	45.11 -1.73 0.00	44.38 -1.71 0.00	45.41 -1.74 0.00	48.01 -1.90 0.00	58.21 -2.30 0.00	75.21 -3.05 0.00	91.71 -3.62 0.00	80.14 -3.17 0.00	73.75 -2.91 0.00	65.14 -2.43 0.00	57.67 -2.28 0.00	53.19 -2.10 0.00	50.88 -2.01 0.00
SITHE___MASSENA 23902	53.35 0.37 0.00	51.11 0.51 0.00	49.67 0.49 0.00	50.23 0.35 0.00	51.39 0.81 0.00	53.84 0.32 0.00	74.23 -0.45 0.00	87.77 -0.26 0.00	61.88 -0.06 0.00	54.78 -0.72 0.00	47.15 -0.33 0.00	46.57 -0.28 0.00	45.54 -0.55 0.00	47.25 0.09 0.00	50.25 0.35 0.00	59.79 -0.72 0.00	77.33 -0.94 0.00	94.09 -1.24 0.00	81.81 -1.50 0.00	76.36 -0.31 0.00	67.71 0.14 0.00	59.77 -0.18 0.00	55.79 0.50 0.00	54.06 1.16 0.00
SITHE___OGDNSBRG 24021	54.35 1.38 0.00	51.97 1.37 0.00	50.56 1.38 0.00	51.12 1.25 0.00	52.30 1.72 0.00	54.86 1.34 0.00	75.79 1.12 0.00	89.61 1.58 0.00	62.74 0.81 0.00	56.06 0.56 0.00	47.34 -0.14 0.00	46.71 -0.14 0.00	45.67 -0.41 0.00	47.44 0.28 0.00	50.45 0.55 0.00	60.15 -0.36 0.00	77.95 -0.31 0.00	95.52 0.19 0.00	83.55 0.25 0.00	77.73 1.07 0.00	69.00 1.42 0.00	61.38 1.44 0.00	57.45 2.16 0.00	54.96 2.06 0.00
SITHE___STERLING 23777	54.56 1.59 0.00	52.07 1.47 0.00	50.65 1.47 0.00	51.37 1.49 0.00	52.05 1.47 0.00	55.13 1.60 0.00	77.28 2.61 0.00	91.29 3.26 0.00	63.80 1.86 0.00	56.89 1.39 0.00	48.48 1.00 0.00	47.73 0.89 0.00	46.96 0.87 0.00	48.10 0.94 0.00	50.95 1.05 0.00	62.08 1.57 0.00	80.53 2.27 0.00	98.10 2.77 0.00	85.80 2.50 0.00	79.04 2.38 0.00	69.67 2.10 0.00	61.68 1.74 0.00	56.79 1.49 0.00	54.27 1.37 0.00
SLEIGHT__34_KV_TB1 80719	52.66 -0.32 0.00	50.40 -0.20 0.00	48.93 -0.25 0.00	49.77 -0.10 0.00	50.08 -0.51 0.00	52.61 -0.91 0.00	73.18 -1.49 0.00	86.09 -1.94 0.00	60.33 -1.61 0.00	54.28 -1.22 0.00	46.39 -1.09 0.00	45.72 -1.12 0.00	45.03 -1.06 0.00	46.03 -1.13 0.00	48.41 -1.50 0.00	58.69 -1.82 0.00	75.83 -2.43 0.00	92.85 -2.48 0.00	80.97 -2.33 0.00	74.36 -2.30 0.00	66.09 -1.49 0.00	58.03 -1.92 0.00	53.63 -1.66 0.00	51.31 -1.59 0.00
SMITHTWN_69_KV_BK 1 55830	57.16 4.19 0.00	54.00 3.39 0.00	52.47 3.30 0.00	53.02 3.14 0.00	54.18 3.59 0.00	57.64 4.12 0.00	78.33 3.66 0.00	92.08 4.05 0.00	66.83 4.89 0.00	61.45 5.94 -0.01	62.12 5.27 -9.36	61.95 5.06 -10.05	62.00 4.98 -10.93	56.27 5.00 -4.12	65.67 5.14 -10.62	67.52 6.41 -0.60	86.23 7.90 -0.07	109.70 9.63 -4.75	91.79 8.41 -0.07	87.93 7.28 -3.99	73.46 5.88 0.00	65.70 5.69 -0.06	59.88 4.53 -0.05	57.92 5.02 0.00
SOUTH CAIRO___GT 23612	55.52 2.54 0.00	53.04 2.43 0.00	51.54 2.36 0.00	52.22 2.34 0.00	53.11 2.53 0.00	56.46 2.94 0.00	79.15 4.48 0.00	93.49 5.46 0.00	64.91 2.97 0.00	57.33 1.83 0.00	48.48 1.00 0.00	47.69 0.84 0.00	46.83 0.74 0.00	47.91 0.75 0.00	51.00 1.10 0.00	62.75 2.24 0.00	82.02 3.76 0.00	100.19 4.86 0.00	87.89 4.58 0.00	80.80 4.14 0.00	71.09 3.51 0.00	63.06 3.12 0.00	58.39 3.10 0.00	55.80 2.91 0.00
SOUTH HAMPTN___IC 23720	58.17 5.19 0.00	54.96 4.35 0.00	53.36 4.18 0.00	53.97 4.09 0.00	55.04 4.45 0.00	58.66 5.14 0.00	79.97 5.30 0.00	94.10 6.07 0.00	67.83 5.89 0.00	62.56 7.05 -0.01	61.81 6.36 -7.96	61.80 6.18 -8.77	61.78 6.04 -9.65	57.36 6.09 -4.11	65.06 6.39 -8.76	69.02 8.05 -0.46	88.49 10.17 -0.05	111.94 12.49 -4.12	94.18 10.82 -0.05	89.62 9.50 -3.46	75.08 7.50 0.00	67.24 7.25 -0.05	61.14 5.80 -0.04	57.39 4.49 0.00
SOUTHDOW_115KV_TB1 355954	54.99 2.01 0.00	52.83 2.23 0.00	51.29 2.11 0.00	52.27 2.39 0.00	52.05 1.47 0.00	53.95 0.43 0.00	75.72 1.05 0.00	87.94 -0.09 0.00	60.70 -1.24 0.00	55.83 0.33 0.00	48.10 0.62 0.00	47.27 0.42 0.00	46.69 0.60 0.00	47.44 0.28 0.00	49.00 -0.90 0.00	58.94 -1.57 0.00	76.29 -1.96 0.02	93.13 -2.19 0.01	81.54 -1.75 0.01	74.80 -1.84 0.02	66.83 -0.74 0.00	57.91 -2.04 0.00	53.91 -1.38 0.00	52.10 -0.79 0.00
SOUTHOLD_69_KV_BK 2 55809	59.01 6.04 0.00	55.72 5.11 0.00	54.15 4.97 0.00	54.76 4.89 0.00	55.90 5.31 0.00	59.52 5.99 0.00	81.39 6.72 0.00	95.78 7.75 0.00	69.06 7.12 0.00	63.44 7.94 -0.01	62.71 7.27 -7.96	62.69 7.07 -8.77	62.65 6.91 -9.65	58.20 6.93 -4.11	66.00 7.34 -8.76	70.29 9.32 -0.46	90.21 11.90 -0.05	113.94 14.49 -4.12	95.94 12.58 -0.05	91.31 11.19 -3.46	76.50 8.92 0.00	68.38 8.39 -0.05	61.91 6.58 -0.04	59.72 6.82 0.00
SOUTHOLD___IC 23719	59.01 6.04 0.00	55.72 5.11 0.00	54.14 4.97 0.00	54.77 4.89 0.00	55.80 5.21 0.00	59.51 5.99 0.00	81.39 6.72 0.00	95.78 7.75 0.00	68.87 6.94 0.00	63.50 7.99 -0.01	62.71 7.27 -7.96	62.69 7.07 -8.77	62.61 6.87 -9.65	58.21 6.93 -4.11	66.00 7.34 -8.76	70.23 9.26 -0.46	90.21 11.89 -0.05	114.03 14.59 -4.12	96.02 12.66 -0.05	91.31 11.19 -3.46	76.43 8.85 0.00	68.45 8.45 -0.05	62.08 6.74 -0.04	58.23 5.34 0.00
SOUTH_FORK_WT_PWR 323839	59.12 6.14 0.00	55.87 5.26 0.00	54.29 5.11 0.00	54.91 5.04 0.00	55.94 5.36 0.00	59.62 6.10 0.00	81.54 6.87 0.00	95.96 7.93 0.00	69.00 7.06 0.00	63.61 8.10 -0.01	62.85 7.40 -7.96	62.83 7.21 -8.77	62.74 7.00 -9.65	58.34 7.07 -4.11	66.10 7.44 -8.76	70.41 9.44 -0.46	90.45 12.13 -0.05	114.23 14.78 -4.12	96.18 12.82 -0.05	91.46 11.34 -3.46	76.63 9.06 0.00	68.56 8.57 -0.05	62.19 6.85 -0.04	58.34 5.45 0.00
SPIERFLS_115KV_TB 1 80737	56.21 3.23 0.00	53.85 3.24 0.00	52.23 3.05 0.00	52.97 3.09 0.00	53.77 3.19 0.00	57.16 3.64 0.00	80.05 5.38 0.00	94.54 6.51 0.00	65.72 3.78 0.00	58.28 2.78 0.00	49.62 2.14 0.00	48.91 2.06 0.00	48.12 2.03 0.00	49.04 1.89 0.00	52.20 2.30 0.00	63.96 3.45 0.00	83.27 5.01 0.00	101.62 6.29 0.00	88.89 5.58 0.00	82.03 5.37 0.00	72.44 4.87 0.00	64.08 4.14 0.00	58.89 3.59 0.00	56.44 3.54 0.00
ST LAWRENCE____ 23600	52.50 -0.48 0.00	50.25 -0.35 0.00	48.89 -0.29 0.00	49.42 -0.45 0.00	50.58 0.00 0.00	52.99 -0.54 0.00	73.10 -1.57 0.00	86.45 -1.58 0.00	60.95 -0.99 0.00	54.06 -1.44 0.00	46.53 -0.95 0.00	45.95 -0.89 0.00	44.98 -1.11 0.00	46.59 -0.56 0.00	49.56 -0.35 0.00	59.06 -1.45 0.00	76.31 -1.95 0.00	92.85 -2.48 0.00	80.81 -2.50 0.00	75.28 -1.38 0.00	66.77 -0.81 0.00	58.93 -1.02 0.00	54.91 -0.38 0.00	53.21 0.32 0.00

STATE_CA_115KV_115_LB 55624	53.40 0.42 0.00	51.01 0.40 0.00	49.57 0.39 0.00	50.22 0.35 0.00	51.04 0.46 0.00	54.11 0.59 0.00	75.42 0.75 0.00	89.00 0.97 0.00	62.62 0.68 0.00	55.83 0.33 0.00	47.86 0.38 0.00	47.36 0.52 0.00	46.64 0.55 0.00	47.63 0.47 0.00	50.50 0.60 0.00	61.36 0.85 0.00	79.44 1.17 0.00	96.66 1.33 0.00	84.47 1.17 0.00	77.81 1.15 0.00	68.45 0.88 0.00	60.78 0.84 0.00	55.96 0.66 0.00	53.64 0.74 0.00
STATE_ST_34_KV_LOAD 55959	53.13 0.16 0.00	50.81 0.20 0.00	49.33 0.15 0.00	50.12 0.25 0.00	50.64 0.05 0.00	53.47 -0.05 0.00	74.75 0.07 0.00	88.12 0.09 0.00	61.69 -0.25 0.00	55.17 -0.33 0.00	47.15 -0.33 0.00	46.47 -0.37 0.00	45.72 -0.37 0.00	46.78 -0.38 0.00	49.45 -0.45 0.00	60.03 -0.48 0.00	77.79 -0.47 0.00	94.95 -0.38 0.00	82.97 -0.33 0.00	76.43 -0.23 0.00	67.51 -0.07 0.00	59.59 -0.36 0.00	54.91 -0.39 0.00	52.42 -0.48 0.00
STATION_5_MISC_HYD 23604	53.13 0.16 0.00	50.91 0.31 0.00	49.48 0.30 0.00	50.37 0.50 0.00	50.74 0.15 0.00	52.72 -0.80 0.00	73.03 -1.64 0.00	85.66 -2.37 0.00	60.08 -1.86 0.00	54.28 -1.22 0.00	46.58 -0.90 0.00	45.82 -1.03 0.00	45.12 -0.97 0.00	46.12 -1.04 0.00	48.26 -1.65 0.00	58.51 -2.00 0.00	75.36 -2.89 0.01	92.47 -2.86 0.00	80.72 -2.58 0.00	73.82 -2.83 0.01	66.02 -1.55 0.00	57.85 -2.10 0.00	53.47 -1.82 0.00	52.37 -0.53 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	52.82 -0.16 0.00	50.56 -0.05 0.00	49.13 -0.05 0.00	49.97 0.10 0.00	50.28 -0.30 0.00	52.77 -0.75 0.00	73.40 -1.27 0.00	86.36 -1.67 0.00	60.58 -1.36 0.00	54.45 -1.05 0.00	46.53 -0.95 0.00	45.86 -0.98 0.00	45.17 -0.92 0.00	46.17 -0.99 0.00	48.55 -1.35 0.00	58.88 -1.63 0.00	76.14 -2.11 0.00	93.23 -2.10 0.00	81.22 -2.08 0.00	74.51 -2.15 0.00	66.36 -1.22 0.00	58.27 -1.68 0.00	53.80 -1.49 0.00	51.47 -1.43 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	52.66 -0.32 0.00	50.45 -0.15 0.00	49.03 -0.15 0.00	49.92 0.05 0.00	50.08 -0.51 0.00	52.29 -1.23 0.00	72.51 -2.17 0.00	85.04 -2.99 0.00	59.65 -2.29 0.00	53.89 -1.61 0.00	46.11 -1.38 0.00	45.49 -1.36 0.00	44.80 -1.29 0.00	45.79 -1.37 0.00	48.01 -1.90 0.00	58.03 -2.48 0.00	74.89 -3.37 0.01	91.89 -3.43 0.00	80.05 -3.25 0.00	73.36 -3.30 0.01	65.55 -2.03 0.00	57.43 -2.52 0.00	53.14 -2.16 0.00	50.94 -1.96 0.00
STA_56___34_KV_BUS2 355983	52.66 -0.32 0.00	50.45 -0.15 0.00	49.03 -0.15 0.00	49.92 0.05 0.00	50.08 -0.51 0.00	52.29 -1.23 0.00	72.51 -2.17 0.00	85.04 -2.99 0.00	59.65 -2.29 0.00	53.89 -1.61 0.00	46.11 -1.38 0.00	45.49 -1.36 0.00	44.80 -1.29 0.00	45.79 -1.37 0.00	48.01 -1.90 0.00	58.03 -2.48 0.00	74.89 -3.37 0.01	91.89 -3.43 0.00	80.05 -3.25 0.00	73.36 -3.30 0.01	65.55 -2.03 0.00	57.43 -2.52 0.00	53.14 -2.16 0.00	50.94 -1.96 0.00
STA_67___115KV_BK2 355882	53.03 0.05 0.00	50.81 0.20 0.00	49.42 0.25 0.00	50.27 0.40 0.00	50.38 -0.20 0.00	52.61 -0.91 0.00	72.88 -1.79 0.00	85.39 -2.64 0.00	59.90 -2.04 0.00	54.11 -1.39 0.00	46.30 -1.19 0.00	45.67 -1.17 0.00	45.03 -1.06 0.00	46.03 -1.13 0.00	48.16 -1.75 0.00	58.21 -2.30 0.00	75.12 -3.13 0.01	92.28 -3.05 0.00	80.38 -2.92 0.00	73.59 -3.07 0.01	65.82 -1.76 0.00	57.61 -2.34 0.00	53.36 -1.94 0.00	51.20 -1.69 0.00
STA_7___115KV_9TRANS 80674	53.35 0.37 0.00	51.11 0.51 0.00	49.67 0.49 0.00	50.57 0.70 0.00	50.69 0.10 0.00	52.93 -0.59 0.00	73.40 -1.27 0.00	86.09 -1.94 0.00	60.39 -1.55 0.00	54.50 -1.00 0.00	46.63 -0.85 0.00	46.00 -0.84 0.00	45.31 -0.78 0.00	46.31 -0.85 0.00	48.51 -1.40 0.00	58.63 -1.88 0.00	75.75 -2.50 0.01	93.04 -2.29 0.00	81.05 -2.25 0.00	74.20 -2.45 0.01	66.36 -1.22 0.00	58.09 -1.86 0.00	53.69 -1.60 0.00	51.47 -1.43 0.00
STA_82___115KV_TB1 80780	53.03 0.05 0.00	50.76 0.15 0.00	49.38 0.20 0.00	50.22 0.35 0.00	50.38 -0.20 0.00	52.56 -0.96 0.00	72.80 -1.87 0.00	85.30 -2.73 0.00	59.83 -2.11 0.00	54.06 -1.44 0.00	46.30 -1.19 0.00	45.63 -1.22 0.00	44.98 -1.11 0.00	45.98 -1.18 0.00	48.16 -1.75 0.00	58.15 -2.36 0.00	75.04 -3.21 0.01	92.18 -3.15 0.00	80.30 -3.00 0.00	73.51 -3.14 0.01	65.75 -1.82 0.00	57.61 -2.34 0.00	53.30 -1.99 0.00	51.15 -1.75 0.00
STEEL___WIND 323596	53.40 0.42 0.00	51.31 0.71 0.00	49.92 0.74 0.00	50.82 0.95 0.00	51.04 0.45 0.00	52.19 -1.34 0.00	71.99 -2.69 0.00	83.72 -4.31 0.00	58.34 -3.59 0.00	53.50 -2.00 0.00	46.25 -1.23 0.00	45.39 -1.45 0.00	44.75 -1.34 0.00	45.65 -1.51 0.00	47.21 -2.70 0.00	56.94 -3.57 0.00	73.32 -4.93 0.02	89.99 -5.34 0.01	78.55 -4.74 0.01	71.82 -4.83 0.02	64.40 -3.17 0.00	56.17 -3.77 0.00	52.20 -3.10 0.00	52.00 -0.90 0.00
STEPHTWN_115KV_BK_2 55603	53.82 0.85 0.00	51.47 0.86 0.00	49.97 0.79 0.00	50.62 0.75 0.00	51.50 0.91 0.00	54.59 1.07 0.00	76.16 1.49 0.00	89.97 1.94 0.00	63.12 1.18 0.00	56.22 0.72 0.00	48.15 0.66 0.00	47.64 0.80 0.00	46.87 0.78 0.00	47.86 0.71 0.00	50.80 0.90 0.00	61.78 1.27 0.00	80.14 1.88 0.00	97.52 2.19 0.00	85.22 1.92 0.00	78.58 1.92 0.00	69.13 1.55 0.00	61.32 1.38 0.00	56.40 1.11 0.00	54.06 1.16 0.00
STEUBEN_REC_LFGE 323667	54.62 1.64 0.00	52.58 1.97 0.00	51.05 1.87 0.00	52.07 2.19 0.00	51.85 1.26 0.00	53.95 0.43 0.00	75.19 0.52 0.00	87.41 -0.62 0.00	60.45 -1.49 0.00	54.95 -0.56 0.00	47.15 -0.33 0.00	46.33 -0.52 0.00	45.81 -0.28 0.00	46.69 -0.47 0.00	48.60 -1.30 0.00	58.33 -2.18 0.00	75.79 -2.43 0.04	92.73 -2.57 0.02	81.11 -2.17 0.02	74.70 -1.92 0.04	66.50 -1.08 0.00	57.97 -1.98 0.00	53.74 -1.55 0.00	51.68 -1.22 0.00
STILLWATER___SOLAR 323814	55.41 2.44 0.00	53.04 2.43 0.00	51.49 2.31 0.00	52.17 2.30 0.00	53.01 2.43 0.00	56.25 2.73 0.00	78.63 3.95 0.00	92.78 4.75 0.00	64.79 2.85 0.00	57.56 2.05 0.00	48.91 1.42 0.00	48.34 1.50 0.00	47.56 1.47 0.00	48.62 1.46 0.00	51.75 1.85 0.00	63.17 2.66 0.00	82.25 3.99 0.00	100.28 4.95 0.00	87.63 4.33 0.00	80.80 4.14 0.00	71.22 3.65 0.00	63.12 3.17 0.00	58.11 2.82 0.00	55.59 2.70 0.00
STONY___BROOK 24151	57.11 4.13 0.00	54.00 3.39 0.00	52.42 3.25 0.00	53.02 3.14 0.00	54.07 3.49 0.00	57.64 4.12 0.00	78.25 3.58 0.00	91.81 3.78 0.00	66.59 4.65 0.00	61.50 6.00 -0.01	61.23 5.22 -8.52	61.19 5.06 -9.28	61.19 4.93 -10.16	56.27 5.00 -4.11	64.55 5.14 -9.51	67.38 6.35 -0.52	86.07 7.75 -0.06	109.10 9.44 -4.33	91.61 8.25 -0.06	87.35 7.05 -3.64	73.32 5.74 0.00	65.69 5.70 -0.05	59.98 4.65 -0.04	56.33 3.44 0.00
STURGEON_POOL_HYD 23609	54.88 1.91 0.00	52.28 1.67 0.00	50.85 1.67 0.00	51.57 1.70 0.00	52.46 1.87 0.00	55.77 2.25 0.00	78.11 3.43 0.00	92.08 4.05 0.00	65.16 3.22 0.00	58.61 3.11 0.00	50.24 2.75 0.00	49.42 2.58 0.00	48.58 2.49 0.00	49.66 2.50 0.00	52.50 2.59 0.00	63.72 3.21 0.00	82.33 4.07 0.00	100.19 4.86 0.00	87.55 4.25 0.00	80.26 3.60 0.00	70.35 2.77 0.00	62.76 2.82 0.00	57.89 2.60 0.00	55.27 2.38 0.00

ST_LAW_115_BK7_LBMP 345037	52.50 -0.48 0.00	50.30 -0.30 0.00	48.89 -0.29 0.00	49.47 -0.40 0.00	50.58 0.00 0.00	53.04 -0.48 0.00	73.10 -1.57 0.00	86.45 -1.58 0.00	60.95 -0.99 0.00	54.06 -1.44 0.00	46.53 -0.95 0.00	45.95 -0.89 0.00	44.98 -1.11 0.00	46.64 -0.52 0.00	49.60 -0.30 0.00	59.06 -1.45 0.00	76.31 -1.95 0.00	92.85 -2.48 0.00	80.72 -2.58 0.00	75.28 -1.38 0.00	66.77 -0.81 0.00	58.93 -1.02 0.00	54.96 -0.33 0.00	53.27 0.37 0.00
ST_LAW_115_BK8_LBMP 345038	52.50 -0.48 0.00	50.30 -0.30 0.00	48.89 -0.29 0.00	49.47 -0.40 0.00	50.58 0.00 0.00	53.04 -0.48 0.00	73.10 -1.57 0.00	86.45 -1.58 0.00	60.95 -0.99 0.00	54.06 -1.44 0.00	46.53 -0.95 0.00	45.95 -0.89 0.00	44.98 -1.11 0.00	46.64 -0.52 0.00	49.60 -0.30 0.00	59.06 -1.45 0.00	76.31 -1.95 0.00	92.85 -2.48 0.00	80.72 -2.58 0.00	75.28 -1.38 0.00	66.77 -0.81 0.00	58.93 -1.02 0.00	54.96 -0.33 0.00	53.27 0.37 0.00
ST_LAW_230_BK5_LBMP 345035	52.50 -0.48 0.00	50.25 -0.35 0.00	48.89 -0.29 0.00	49.42 -0.45 0.00	50.58 0.00 0.00	52.99 -0.54 0.00	73.10 -1.57 0.00	86.45 -1.58 0.00	60.95 -0.99 0.00	54.06 -1.44 0.00	46.53 -0.95 0.00	45.95 -0.89 0.00	44.98 -1.11 0.00	46.59 -0.56 0.00	49.56 -0.35 0.00	59.06 -1.45 0.00	76.31 -1.95 0.00	92.85 -2.48 0.00	80.81 -2.50 0.00	75.28 -1.38 0.00	66.77 -0.81 0.00	58.93 -1.02 0.00	54.91 -0.38 0.00	53.21 0.32 0.00
ST_LAW_230_BK6_LBMP 345036	52.50 -0.48 0.00	50.25 -0.35 0.00	48.89 -0.29 0.00	49.42 -0.45 0.00	50.58 0.00 0.00	52.99 -0.54 0.00	73.10 -1.57 0.00	86.45 -1.58 0.00	60.95 -0.99 0.00	54.06 -1.44 0.00	46.53 -0.95 0.00	45.95 -0.89 0.00	44.98 -1.11 0.00	46.59 -0.56 0.00	49.56 -0.35 0.00	59.06 -1.45 0.00	76.31 -1.95 0.00	92.85 -2.48 0.00	80.81 -2.50 0.00	75.28 -1.38 0.00	66.77 -0.81 0.00	58.93 -1.02 0.00	54.91 -0.38 0.00	53.21 0.32 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	54.78 1.80 0.00	52.18 1.57 0.00	50.80 1.62 0.00	51.47 1.60 0.00	52.36 1.77 0.00	55.61 2.09 0.00	77.88 3.21 0.00	91.82 3.79 0.00	64.91 2.97 0.00	58.44 2.94 0.00	50.24 2.75 0.00	49.52 2.67 0.00	48.67 2.58 0.00	49.70 2.55 0.00	52.55 2.64 0.00	63.66 3.15 0.00	82.17 3.91 0.00	100.00 4.67 0.00	87.39 4.08 0.00	80.19 3.53 0.00	70.28 2.70 0.00	62.64 2.70 0.00	57.67 2.38 0.00	55.17 2.27 0.00
SWANROAD_115KV_TB1 355699	51.92 -1.06 0.00	49.85 -0.76 0.00	48.59 -0.59 0.00	49.48 -0.40 0.00	49.27 -1.32 0.00	50.63 -2.89 0.00	69.37 -5.30 0.00	80.64 -7.39 0.00	56.36 -5.57 0.00	51.67 -3.83 0.00	44.40 -3.09 0.00	43.80 -3.04 0.00	43.28 -2.81 0.00	44.14 -3.02 0.00	45.66 -4.24 0.00	54.88 -5.63 0.00	70.58 -7.67 0.01	86.55 -8.77 0.01	75.63 -7.66 0.01	69.21 -7.44 0.01	62.31 -5.27 0.00	54.19 -5.75 0.00	50.54 -4.76 0.00	48.87 -4.02 0.00
SYNERGY___BIOGAS 323694	53.82 0.85 0.00	51.67 1.06 0.00	50.26 1.08 0.00	51.22 1.35 0.00	51.09 0.51 0.00	52.88 -0.64 0.00	73.03 -1.64 0.00	85.39 -2.64 0.00	59.59 -2.35 0.00	54.00 -1.50 0.00	46.20 -1.28 0.00	45.53 -1.31 0.00	44.89 -1.20 0.00	45.84 -1.32 0.00	47.71 -2.20 0.00	57.60 -2.90 0.00	74.41 -3.83 0.01	91.70 -3.62 0.01	79.97 -3.33 0.01	73.20 -3.45 0.01	65.82 -1.76 0.00	57.19 -2.76 0.00	53.08 -2.21 0.00	51.04 -1.85 0.00
SYRACUSE___ENERGY_ST1 323597	52.76 -0.21 0.00	50.40 -0.20 0.00	48.93 -0.25 0.00	49.68 -0.20 0.00	50.23 -0.35 0.00	53.09 -0.43 0.00	74.15 -0.52 0.00	87.41 -0.62 0.00	61.38 -0.56 0.00	54.95 -0.56 0.00	47.01 -0.47 0.00	46.33 -0.52 0.00	45.63 -0.46 0.00	46.69 -0.47 0.00	49.35 -0.55 0.00	59.84 -0.67 0.00	77.40 -0.86 0.00	94.38 -0.95 0.00	82.47 -0.83 0.00	75.89 -0.77 0.00	67.04 -0.54 0.00	59.29 -0.66 0.00	54.68 -0.61 0.00	52.21 -0.69 0.00
SYRACUSE___ENERGY_ST2 323598	52.76 -0.21 0.00	50.40 -0.20 0.00	48.93 -0.25 0.00	49.68 -0.20 0.00	50.23 -0.35 0.00	53.09 -0.43 0.00	74.15 -0.52 0.00	87.41 -0.62 0.00	61.38 -0.56 0.00	54.95 -0.56 0.00	47.01 -0.47 0.00	46.33 -0.52 0.00	45.63 -0.46 0.00	46.69 -0.47 0.00	49.35 -0.55 0.00	59.84 -0.67 0.00	77.40 -0.86 0.00	94.38 -0.95 0.00	82.47 -0.83 0.00	75.89 -0.77 0.00	67.04 -0.54 0.00	59.29 -0.66 0.00	54.68 -0.61 0.00	52.21 -0.69 0.00
SYRACUSE___POWER 24017	52.66 -0.32 0.00	50.35 -0.25 0.00	48.88 -0.30 0.00	49.63 -0.25 0.00	50.18 -0.40 0.00	53.04 -0.48 0.00	74.07 -0.60 0.00	87.41 -0.62 0.00	61.32 -0.62 0.00	54.95 -0.56 0.00	47.01 -0.47 0.00	46.33 -0.52 0.00	45.63 -0.46 0.00	46.69 -0.47 0.00	49.35 -0.55 0.00	59.84 -0.67 0.00	77.40 -0.86 0.00	94.38 -0.95 0.00	82.39 -0.92 0.00	75.90 -0.77 0.00	66.97 -0.61 0.00	59.23 -0.72 0.00	54.63 -0.66 0.00	52.21 -0.69 0.00
TALLMAN__138KV_BK151 55660	54.94 1.96 0.00	52.33 1.72 0.00	50.90 1.72 0.00	51.62 1.75 0.00	52.46 1.87 0.00	55.82 2.30 0.00	78.18 3.51 0.00	92.08 4.05 0.00	65.22 3.28 0.00	58.83 3.33 0.00	50.67 3.18 0.00	49.89 3.04 0.00	49.08 3.00 0.00	50.13 2.97 0.00	52.95 3.04 0.00	64.08 3.57 0.00	82.64 4.38 0.00	100.57 5.24 0.00	87.80 4.50 0.00	80.49 3.83 0.00	70.48 2.91 0.00	62.88 2.94 0.00	57.89 2.60 0.00	55.33 2.43 0.00
TEALLAVE_115KV_TB7 355573	52.45 -0.53 0.00	50.10 -0.51 0.00	48.69 -0.49 0.00	49.43 -0.45 0.00	49.98 -0.61 0.00	52.77 -0.75 0.00	73.63 -1.05 0.00	86.89 -1.14 0.00	61.01 -0.93 0.00	54.67 -0.83 0.00	46.82 -0.66 0.00	46.14 -0.70 0.00	45.44 -0.65 0.00	46.50 -0.66 0.00	49.10 -0.80 0.00	59.54 -0.97 0.00	76.93 -1.33 0.00	93.81 -1.53 0.00	81.89 -1.42 0.00	75.36 -1.30 0.00	66.56 -1.01 0.00	58.87 -1.08 0.00	54.30 -1.00 0.00	51.94 -0.95 0.00
TELGRAPH_34_KV_EAST 80808	53.08 0.11 0.00	50.91 0.30 0.00	49.57 0.39 0.00	50.52 0.65 0.00	50.33 -0.25 0.00	51.92 -1.61 0.00	71.46 -3.21 0.00	83.36 -4.67 0.00	58.22 -3.72 0.00	53.06 -2.44 0.00	45.49 -1.99 0.00	44.88 -1.97 0.00	44.29 -1.80 0.00	45.18 -1.98 0.00	46.91 -2.99 0.00	56.52 -3.99 0.00	72.85 -5.40 0.01	89.51 -5.82 0.01	78.13 -5.16 0.01	71.51 -5.14 0.01	64.33 -3.24 0.00	55.93 -4.02 0.00	52.03 -3.26 0.00	50.14 -2.75 0.00
TEMPLE___115KV_TB 2 55572	52.45 -0.53 0.00	50.15 -0.46 0.00	48.69 -0.49 0.00	49.43 -0.45 0.00	49.98 -0.61 0.00	52.77 -0.75 0.00	73.63 -1.05 0.00	86.89 -1.14 0.00	61.01 -0.93 0.00	54.67 -0.83 0.00	46.82 -0.66 0.00	46.19 -0.66 0.00	45.49 -0.60 0.00	46.50 -0.66 0.00	49.15 -0.75 0.00	59.54 -0.97 0.00	77.01 -1.25 0.00	93.81 -1.53 0.00	81.97 -1.33 0.00	75.43 -1.23 0.00	66.63 -0.95 0.00	58.93 -1.02 0.00	54.35 -0.94 0.00	52.00 -0.90 0.00
TIANA____69_KV_BK 1 55817	57.95 4.98 0.00	54.76 4.15 0.00	53.21 4.03 0.00	53.76 3.89 0.00	54.94 4.35 0.00	58.45 4.92 0.00	79.67 5.00 0.00	93.75 5.72 0.00	67.82 5.88 0.00	62.33 6.83 -0.01	61.61 6.17 -7.96	61.56 5.95 -8.77	61.59 5.85 -9.65	57.17 5.89 -4.11	64.80 6.14 -8.76	68.78 7.81 -0.46	88.10 9.78 -0.05	111.37 11.92 -4.12	93.77 10.41 -0.05	89.24 9.12 -3.46	74.87 7.30 0.00	66.95 6.95 -0.05	60.81 5.47 -0.04	58.71 5.82 0.00

TILDEN___115KV_TB1 80814	52.66 -0.32 0.00	50.35 -0.25 0.00	48.88 -0.30 0.00	49.63 -0.25 0.00	50.18 -0.40 0.00	53.04 -0.48 0.00	74.07 -0.60 0.00	87.41 -0.62 0.00	61.32 -0.62 0.00	54.95 -0.56 0.00	47.01 -0.47 0.00	46.33 -0.52 0.00	45.63 -0.46 0.00	46.69 -0.47 0.00	49.35 -0.55 0.00	59.84 -0.67 0.00	77.40 -0.86 0.00	94.38 -0.95 0.00	82.39 -0.92 0.00	75.90 -0.77 0.00	66.97 -0.61 0.00	59.23 -0.72 0.00	54.63 -0.66 0.00	52.21 -0.69 0.00
TRIGEN___CC 323695	56.21 3.23 0.00	53.29 2.68 0.00	51.79 2.61 0.00	52.42 2.54 0.00	53.47 2.88 0.00	56.84 3.32 0.00	78.03 3.36 0.00	91.99 3.96 0.00	66.09 4.15 0.00	60.39 4.88 -0.01	54.56 4.18 -2.90	54.81 4.08 -3.89	54.67 3.96 -4.61	54.49 3.96 -3.38	56.37 4.09 -2.38	65.79 5.26 -0.01	84.85 6.57 -0.01	103.26 7.91 -0.01	90.23 6.91 -0.01	82.50 5.83 -0.01	72.31 4.73 0.00	64.63 4.68 -0.01	58.94 3.65 0.00	56.86 3.97 0.00
TRINITY__115KV__4 BK 55933	53.29 0.32 0.00	50.91 0.30 0.00	49.47 0.30 0.00	50.12 0.25 0.00	50.94 0.35 0.00	53.95 0.43 0.00	75.19 0.52 0.00	88.73 0.70 0.00	62.43 0.50 0.00	55.72 0.22 0.00	47.72 0.24 0.00	47.22 0.37 0.00	46.46 0.37 0.00	47.49 0.33 0.00	50.40 0.50 0.00	61.11 0.61 0.00	79.20 0.94 0.00	96.38 1.05 0.00	84.22 0.92 0.00	77.58 0.92 0.00	68.25 0.68 0.00	60.60 0.66 0.00	55.85 0.55 0.00	53.48 0.58 0.00
UNION___PROCESSING_DRP 323587	53.03 0.05 0.00	50.81 0.20 0.00	49.38 0.20 0.00	50.27 0.40 0.00	50.38 -0.20 0.00	52.56 -0.96 0.00	72.80 -1.87 0.00	85.39 -2.64 0.00	59.90 -2.04 0.00	54.06 -1.44 0.00	46.30 -1.19 0.00	45.67 -1.17 0.00	44.98 -1.11 0.00	45.98 -1.18 0.00	48.16 -1.75 0.00	58.15 -2.36 0.00	75.04 -3.21 0.01	92.18 -3.15 0.00	80.30 -3.00 0.00	73.59 -3.07 0.01	65.75 -1.82 0.00	57.61 -2.34 0.00	53.30 -1.99 0.00	51.15 -1.75 0.00
UPPER HUDSON___HYD 24058	56.21 3.23 0.00	53.85 3.24 0.00	52.23 3.05 0.00	52.97 3.09 0.00	53.77 3.19 0.00	57.16 3.64 0.00	80.05 5.38 0.00	94.54 6.51 0.00	65.72 3.78 0.00	58.27 2.77 0.00	49.57 2.09 0.00	48.91 2.06 0.00	48.11 2.03 0.00	49.05 1.89 0.00	52.20 2.30 0.00	63.96 3.45 0.00	83.27 5.01 0.00	101.72 6.39 0.00	88.89 5.58 0.00	82.03 5.36 0.00	72.44 4.87 0.00	64.08 4.13 0.00	58.94 3.65 0.00	56.44 3.54 0.00
UPPER RAQUET___HYD 24056	53.50 0.53 0.00	51.16 0.56 0.00	49.77 0.59 0.00	50.32 0.45 0.00	51.50 0.91 0.00	54.00 0.48 0.00	74.37 -0.30 0.00	88.03 0.00 0.00	62.00 0.06 0.00	54.72 -0.78 0.00	47.06 -0.43 0.00	46.42 -0.42 0.00	45.44 -0.65 0.00	47.11 -0.05 0.00	50.00 0.10 0.00	59.36 -1.15 0.00	76.54 -1.72 0.00	93.14 -2.19 0.00	81.06 -2.25 0.00	75.89 -0.77 0.00	67.51 -0.07 0.00	59.94 0.00 0.00	55.96 0.67 0.00	54.11 1.22 0.00
VALLEY44_115KV_TB2 355964	53.35 0.37 0.00	51.26 0.66 0.00	49.82 0.64 0.00	50.77 0.90 0.00	50.48 -0.10 0.00	52.40 -1.12 0.00	73.03 -1.64 0.00	84.60 -3.43 0.00	58.59 -3.34 0.00	53.89 -1.61 0.00	46.44 -1.04 0.00	45.67 -1.17 0.00	45.12 -0.97 0.00	45.93 -1.23 0.00	47.51 -2.40 0.00	56.94 -3.57 0.00	74.17 -4.07 0.02	89.89 -5.43 0.01	78.63 -4.67 0.01	72.58 -4.06 0.02	64.54 -3.04 0.00	55.99 -3.96 0.00	52.14 -3.15 0.00	50.41 -2.49 0.00
VALLEY___115KV_TB 1-4 80826	56.21 3.23 0.00	53.69 3.09 0.00	52.18 3.00 0.00	52.87 2.99 0.00	53.62 3.04 0.00	56.73 3.21 0.00	79.30 4.63 0.00	93.40 5.37 0.00	65.53 3.59 0.00	58.72 3.22 0.00	50.19 2.71 0.00	49.52 2.67 0.00	48.67 2.58 0.00	49.80 2.64 0.00	52.65 2.74 0.00	64.02 3.51 0.00	82.88 4.62 0.00	100.95 5.62 0.00	88.30 5.00 0.00	81.34 4.68 0.00	71.63 4.05 0.00	63.60 3.66 0.00	58.61 3.32 0.00	56.07 3.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	55.15 2.17 0.00	52.58 1.97 0.00	51.15 1.97 0.00	51.82 1.95 0.00	52.56 1.97 0.00	55.72 2.19 0.00	78.18 3.51 0.00	92.17 4.14 0.00	64.60 2.66 0.00	57.78 2.28 0.00	49.29 1.80 0.00	48.58 1.73 0.00	47.75 1.66 0.00	48.85 1.70 0.00	51.65 1.75 0.00	63.11 2.60 0.00	81.86 3.60 0.00	99.72 4.39 0.00	87.05 3.75 0.00	80.19 3.53 0.00	70.62 3.04 0.00	62.70 2.76 0.00	57.61 2.32 0.00	55.01 2.12 0.00
VISCHER___FERRY HYD 24020	54.46 1.48 0.00	52.12 1.52 0.00	50.61 1.43 0.00	51.27 1.39 0.00	52.10 1.52 0.00	55.23 1.71 0.00	77.06 2.39 0.00	90.85 2.82 0.00	63.86 1.92 0.00	56.83 1.33 0.00	48.29 0.81 0.00	47.83 0.99 0.00	47.10 1.01 0.00	48.15 0.99 0.00	51.25 1.35 0.00	62.32 1.81 0.00	80.92 2.66 0.00	98.57 3.24 0.00	86.22 2.91 0.00	79.42 2.76 0.00	69.94 2.36 0.00	62.04 2.10 0.00	57.17 1.88 0.00	54.59 1.69 0.00
V_A_10_SYNC_DSASP 323832	52.39 -0.58 0.00	50.25 -0.35 0.00	48.93 -0.25 0.00	49.77 -0.10 0.00	49.72 -0.86 0.00	51.38 -2.14 0.00	70.71 -3.96 0.00	82.40 -5.63 0.00	57.67 -4.27 0.00	52.61 -2.89 0.00	45.16 -2.33 0.00	44.55 -2.30 0.00	44.01 -2.07 0.00	44.89 -2.26 0.00	46.71 -3.19 0.00	56.15 -4.36 0.00	72.15 -6.10 0.01	88.65 -6.67 0.01	77.38 -5.91 0.01	70.75 -5.90 0.01	63.59 -3.99 0.00	55.51 -4.44 0.00	51.64 -3.65 0.00	49.83 -3.07 0.00
V_CMM_10_SYNC_DSASP 323787	52.82 -0.16 0.00	50.56 -0.05 0.00	49.18 0.00 0.00	49.72 -0.15 0.00	50.89 0.30 0.00	53.31 -0.21 0.00	73.55 -1.12 0.00	86.89 -1.14 0.00	61.32 -0.62 0.00	55.17 -0.33 0.00	46.82 -0.66 0.00	46.19 -0.66 0.00	45.21 -0.88 0.00	46.87 -0.28 0.00	49.85 -0.05 0.00	59.36 -1.15 0.00	76.70 -1.57 0.00	93.61 -1.72 0.00	81.64 -1.67 0.00	75.66 -1.00 0.00	67.17 -0.41 0.00	59.65 -0.30 0.00	55.85 0.55 0.00	53.53 0.63 0.00
V_CMP_10_SYNC_DSASP 323788	52.87 -0.11 0.00	50.66 0.05 0.00	49.28 0.10 0.00	49.87 0.00 0.00	51.09 0.51 0.00	53.15 -0.37 0.00	72.88 -1.79 0.00	86.27 -1.76 0.00	60.89 -1.05 0.00	55.11 -0.39 0.00	46.77 -0.71 0.00	46.19 -0.66 0.00	45.17 -0.92 0.00	46.87 -0.28 0.00	49.90 0.00 0.00	59.00 -1.51 0.00	76.38 -1.88 0.00	93.23 -2.10 0.00	81.30 -2.00 0.00	75.43 -1.23 0.00	66.77 -0.81 0.00	59.53 -0.42 0.00	56.23 0.94 0.00	53.90 1.00 0.00
V_D_10_SYNC_DSASP 323841	53.35 0.37 0.00	51.06 0.46 0.00	49.67 0.49 0.00	50.22 0.35 0.00	51.39 0.81 0.00	53.84 0.32 0.00	74.22 -0.45 0.00	87.77 -0.26 0.00	61.88 -0.06 0.00	55.61 0.11 0.00	47.15 -0.33 0.00	46.57 -0.28 0.00	45.54 -0.55 0.00	47.25 0.09 0.00	50.25 0.35 0.00	59.78 -0.73 0.00	77.32 -0.94 0.00	94.28 -1.05 0.00	82.22 -1.08 0.00	76.35 -0.31 0.00	67.71 0.14 0.00	60.18 0.24 0.00	56.34 1.05 0.00	54.01 1.11 0.00
V_E_10_SYNC_DSASP 323830	57.69 4.71 0.00	55.06 4.45 0.00	53.51 4.33 0.00	54.31 4.44 0.00	54.83 4.25 0.00	58.23 4.71 0.00	82.14 7.47 0.00	97.10 9.07 0.00	67.14 5.20 0.00	59.44 3.94 0.00	50.29 2.80 0.00	49.38 2.53 0.00	48.58 2.49 0.00	49.75 2.59 0.00	52.70 2.79 0.00	64.87 4.36 0.00	84.85 6.57 -0.01	103.92 8.58 -0.01	90.98 7.66 -0.01	83.80 7.13 -0.01	73.79 6.22 0.00	65.10 5.16 0.00	59.66 4.37 0.00	56.76 3.86 0.00



V_F_30_NSYNC___DSASP 323816	55.46 2.49 0.00	53.09 2.48 0.00	51.54 2.36 0.00	52.27 2.39 0.00	53.06 2.48 0.00	56.30 2.78 0.00	78.70 4.03 0.00	92.87 4.84 0.00	64.85 2.91 0.00	57.61 2.11 0.00	49.05 1.57 0.00	48.44 1.59 0.00	47.66 1.57 0.00	48.71 1.56 0.00	51.80 1.90 0.00	63.29 2.78 0.00	82.33 4.07 0.00	100.38 5.05 0.00	87.72 4.42 0.00	80.88 4.22 0.00	71.29 3.72 0.00	63.18 3.24 0.00	58.11 2.82 0.00	55.70 2.80 0.00
V_F_30_SYNC_DSASP 323786	53.40 0.42 0.00	51.01 0.40 0.00	49.57 0.39 0.00	50.22 0.35 0.00	51.04 0.46 0.00	54.11 0.59 0.00	75.42 0.75 0.00	89.00 0.97 0.00	62.62 0.68 0.00	55.83 0.33 0.00	47.86 0.38 0.00	47.36 0.52 0.00	46.60 0.51 0.00	47.63 0.47 0.00	50.50 0.60 0.00	61.36 0.85 0.00	79.44 1.17 0.00	96.66 1.33 0.00	84.47 1.17 0.00	77.81 1.15 0.00	68.45 0.88 0.00	60.78 0.84 0.00	55.96 0.66 0.00	53.64 0.74 0.00
V_XM_10_SYNC_DSASP 323789	52.87 -0.11 0.00	50.66 0.05 0.00	49.28 0.10 0.00	49.87 0.00 0.00	51.09 0.51 0.00	53.15 -0.37 0.00	72.88 -1.79 0.00	86.27 -1.76 0.00	60.89 -1.05 0.00	55.11 -0.39 0.00	46.77 -0.71 0.00	46.19 -0.66 0.00	45.17 -0.92 0.00	46.87 -0.28 0.00	49.90 0.00 0.00	59.00 -1.51 0.00	76.38 -1.88 0.00	93.23 -2.10 0.00	81.30 -2.00 0.00	75.43 -1.23 0.00	66.77 -0.81 0.00	59.53 -0.42 0.00	56.23 0.94 0.00	53.90 1.00 0.00
W.BABYLN_69_KV_BK1 56697	57.48 4.50 0.00	54.35 3.74 0.00	52.77 3.59 0.00	53.37 3.49 0.00	54.53 3.95 0.00	57.96 4.44 0.00	79.23 4.55 0.00	93.31 5.28 0.00	67.27 5.33 0.00	61.72 6.22 -0.01	56.34 5.13 -3.72	56.66 4.97 -4.85	56.67 4.89 -5.69	56.00 4.90 -3.94	58.21 5.09 -3.22	67.09 6.53 -0.05	86.89 8.61 -0.02	106.15 10.30 -0.52	92.40 9.08 -0.02	84.77 7.67 -0.44	74.06 6.49 0.00	65.89 5.93 -0.01	59.94 4.64 0.00	58.18 5.29 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	55.15 2.17 0.00	52.53 1.92 0.00	51.10 1.92 0.00	51.82 1.95 0.00	52.71 2.12 0.00	56.04 2.52 0.00	78.48 3.81 0.00	92.52 4.49 0.00	65.53 3.59 0.00	59.11 3.61 0.00	50.86 3.37 0.00	50.08 3.23 0.00	49.22 3.13 0.00	50.27 3.11 0.00	53.10 3.19 0.00	64.32 3.81 0.00	83.04 4.77 0.00	101.05 5.72 0.00	88.22 4.91 0.00	80.88 4.22 0.00	70.82 3.24 0.00	63.18 3.24 0.00	58.17 2.88 0.00	55.59 2.70 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	55.20 2.22 0.00	52.58 1.97 0.00	51.20 2.02 0.00	51.87 1.99 0.00	52.81 2.23 0.00	56.14 2.62 0.00	78.63 3.96 0.00	92.70 4.67 0.00	65.90 3.96 0.00	59.76 4.00 -0.27	51.72 3.80 -0.43	50.93 3.65 -0.43	50.05 3.59 -0.36	50.96 3.58 -0.22	53.79 3.64 -0.24	64.81 4.30 0.00	83.43 5.17 0.00	101.53 6.20 0.00	88.64 5.33 0.00	81.26 4.60 0.00	70.96 3.38 0.00	63.42 3.48 0.00	58.33 3.04 0.00	55.75 2.86 0.00
W50THST__13_KV_LOAD 356117	55.36 2.38 0.00	52.73 2.13 0.00	51.34 2.16 0.00	52.07 2.19 0.00	53.01 2.43 0.00	56.36 2.84 0.00	78.93 4.26 0.00	93.14 5.11 0.00	66.27 4.34 0.00	60.15 4.38 -0.27	52.05 4.13 -0.43	51.25 3.98 -0.43	50.37 3.92 -0.36	51.29 3.91 -0.22	54.14 3.99 -0.24	65.23 4.72 0.00	83.90 5.63 0.00	102.10 6.77 0.00	89.05 5.75 0.00	81.57 4.91 0.00	71.23 3.65 0.00	63.66 3.72 0.00	58.55 3.26 0.00	55.96 3.07 0.00
WADING RIVER_IC_1 23522	57.58 4.61 0.00	54.40 3.80 0.00	52.87 3.69 0.00	53.42 3.54 0.00	54.48 3.90 0.00	58.12 4.60 0.00	79.15 4.48 0.00	93.13 5.10 0.00	67.14 5.20 0.00	61.94 6.44 -0.01	61.20 5.74 -7.97	61.20 5.57 -8.78	61.19 5.44 -9.66	56.79 5.51 -4.11	64.42 5.74 -8.78	68.17 7.20 -0.46	87.47 9.15 -0.05	110.61 11.15 -4.13	93.10 9.74 -0.05	88.56 8.43 -3.47	74.33 6.76 0.00	66.53 6.53 -0.05	60.59 5.26 -0.04	56.86 3.97 0.00
WADING RIVER_IC_2 23547	57.58 4.61 0.00	54.40 3.80 0.00	52.87 3.69 0.00	53.42 3.54 0.00	54.48 3.90 0.00	58.12 4.60 0.00	79.15 4.48 0.00	93.13 5.10 0.00	67.14 5.20 0.00	61.94 6.44 -0.01	61.20 5.74 -7.97	61.20 5.57 -8.78	61.19 5.44 -9.66	56.79 5.51 -4.11	64.42 5.74 -8.78	68.17 7.20 -0.46	87.47 9.15 -0.05	110.61 11.15 -4.13	93.10 9.74 -0.05	88.56 8.43 -3.47	74.33 6.76 0.00	66.53 6.53 -0.05	60.59 5.26 -0.04	56.86 3.97 0.00
WADING RIVER_IC_3 23601	57.58 4.61 0.00	54.40 3.80 0.00	52.87 3.69 0.00	53.42 3.54 0.00	54.48 3.90 0.00	58.12 4.60 0.00	79.15 4.48 0.00	93.13 5.10 0.00	67.14 5.20 0.00	61.94 6.44 -0.01	61.20 5.74 -7.97	61.20 5.57 -8.78	61.19 5.44 -9.66	56.79 5.51 -4.11	64.42 5.74 -8.78	68.17 7.20 -0.46	87.47 9.15 -0.05	110.61 11.15 -4.13	93.10 9.74 -0.05	88.56 8.43 -3.47	74.33 6.76 0.00	66.53 6.53 -0.05	60.59 5.26 -0.04	56.86 3.97 0.00
WALDENNY_12_KV_BK2 80841	53.40 0.42 0.00	51.26 0.66 0.00	49.92 0.74 0.00	50.82 0.95 0.00	50.64 0.05 0.00	52.18 -1.34 0.00	71.91 -2.76 0.00	83.63 -4.40 0.00	58.22 -3.72 0.00	53.45 -2.05 0.00	45.96 -1.52 0.00	45.30 -1.55 0.00	44.75 -1.34 0.00	45.60 -1.56 0.00	47.21 -2.69 0.00	56.82 -3.69 0.00	73.24 -5.01 0.02	89.60 -5.72 0.01	78.21 -5.08 0.01	71.74 -4.91 0.02	64.33 -3.24 0.00	55.87 -4.08 0.00	52.09 -3.21 0.00	50.30 -2.59 0.00
WALDEN___HYDRO 24148	54.99 2.01 0.00	52.38 1.77 0.00	51.00 1.82 0.00	51.67 1.80 0.00	52.56 1.97 0.00	55.88 2.35 0.00	78.25 3.58 0.00	92.26 4.23 0.00	65.22 3.28 0.00	58.66 3.16 0.00	50.33 2.85 0.00	49.56 2.72 0.00	48.76 2.67 0.00	49.80 2.64 0.00	52.65 2.74 0.00	63.84 3.33 0.00	82.49 4.23 0.00	100.38 5.05 0.00	87.72 4.42 0.00	80.49 3.83 0.00	70.55 2.97 0.00	62.88 2.94 0.00	57.95 2.65 0.00	55.38 2.49 0.00
WARRENSBURG____ 23737	56.21 3.23 0.00	53.85 3.24 0.00	52.23 3.05 0.00	52.97 3.09 0.00	53.77 3.19 0.00	57.16 3.64 0.00	80.05 5.38 0.00	94.54 6.51 0.00	65.72 3.78 0.00	58.28 2.78 0.00	49.62 2.14 0.00	48.91 2.06 0.00	48.12 2.03 0.00	49.04 1.89 0.00	52.20 2.30 0.00	63.96 3.45 0.00	83.27 5.01 0.00	101.62 6.29 0.00	88.89 5.58 0.00	82.03 5.37 0.00	72.44 4.87 0.00	64.08 4.14 0.00	58.89 3.59 0.00	56.44 3.54 0.00
WATERSIDE___6 8 9 23538	55.25 2.28 0.00	52.63 2.02 0.00	51.50 2.31 -0.01	52.23 2.34 -0.01	53.17 2.58 -0.01	56.53 3.00 -0.01	78.55 3.88 0.00	92.70 4.67 0.00	65.84 3.90 0.00	64.92 3.77 -5.64	60.01 3.61 -8.91	59.15 3.51 -8.79	57.07 3.50 -7.47	55.12 3.49 -4.48	58.47 3.54 -5.03	64.88 4.36 -0.02	83.35 5.09 0.00	101.53 6.20 0.00	88.55 5.25 0.00	81.11 4.45 0.00	70.82 3.24 0.00	63.54 3.60 0.00	58.67 3.37 0.00	56.13 3.23 -0.01
WATKINRD_115KV_LN8_ILLION 55919	55.20 2.22 0.00	52.73 2.13 0.00	51.24 2.07 0.00	51.97 2.09 0.00	52.66 2.07 0.00	55.77 2.25 0.00	77.88 3.21 0.00	91.73 3.70 0.00	64.42 2.48 0.00	57.72 2.22 0.00	49.34 1.85 0.00	48.67 1.83 0.00	47.89 1.80 0.00	49.00 1.84 0.00	51.80 1.90 0.00	62.93 2.42 0.00	81.55 3.29 0.00	99.33 4.00 0.00	86.80 3.50 0.00	79.96 3.30 0.00	70.41 2.84 0.00	62.46 2.52 0.00	57.61 2.32 0.00	55.12 2.22 0.00

WDELAWARE___HYD 323627	54.88 1.90 0.00	52.27 1.67 0.00	50.80 1.62 0.00	51.52 1.64 0.00	52.31 1.72 0.00	55.72 2.20 0.00	78.18 3.51 0.00	92.17 4.14 0.00	64.97 3.03 0.00	58.33 2.83 0.00	49.81 2.33 0.00	49.05 2.20 0.00	48.16 2.08 0.00	49.28 2.12 0.00	52.10 2.19 0.00	63.41 2.90 0.00	82.17 3.91 0.00	100.00 4.67 0.00	87.47 4.16 0.00	80.19 3.53 0.00	70.28 2.71 0.00	62.70 2.76 0.00	57.89 2.60 0.00	55.01 2.12 0.00
WEST BABYLON___IC 23714	57.48 4.50 0.00	54.35 3.74 0.00	52.77 3.59 0.00	53.37 3.49 0.00	54.53 3.95 0.00	57.96 4.44 0.00	79.23 4.55 0.00	93.31 5.28 0.00	67.27 5.33 0.00	61.72 6.22 -0.01	56.34 5.13 -3.72	56.66 4.97 -4.85	56.67 4.89 -5.69	56.00 4.90 -3.94	58.21 5.09 -3.22	67.09 6.53 -0.05	86.89 8.61 -0.02	106.15 10.30 -0.52	92.40 9.08 -0.02	84.77 7.67 -0.44	74.06 6.49 0.00	65.89 5.93 -0.01	59.94 4.64 0.00	58.18 5.29 0.00
WEST CANADA___HYD 24049	53.19 0.21 0.00	50.81 0.20 0.00	49.38 0.20 0.00	50.07 0.20 0.00	50.79 0.20 0.00	53.79 0.27 0.00	75.05 0.38 0.00	88.47 0.44 0.00	62.19 0.25 0.00	55.72 0.22 0.00	47.67 0.19 0.00	47.03 0.19 0.00	46.27 0.19 0.00	47.35 0.19 0.00	50.10 0.20 0.00	60.81 0.30 0.00	78.65 0.39 0.00	95.81 0.48 0.00	83.72 0.42 0.00	77.05 0.39 0.00	67.92 0.34 0.00	60.25 0.30 0.00	55.57 0.28 0.00	53.16 0.27 0.00
WESTERN_NY_WIND 24143	53.77 0.79 0.00	51.62 1.01 0.00	50.21 1.03 0.00	51.17 1.30 0.00	50.99 0.40 0.00	52.77 -0.75 0.00	72.88 -1.79 0.00	85.21 -2.82 0.00	59.46 -2.48 0.00	53.89 -1.61 0.00	46.11 -1.38 0.00	45.44 -1.41 0.00	44.84 -1.24 0.00	45.74 -1.41 0.00	47.61 -2.30 0.00	57.48 -3.03 0.00	74.26 -3.99 0.01	91.42 -3.91 0.01	79.80 -3.50 0.01	73.05 -3.60 0.01	65.68 -1.89 0.00	57.07 -2.88 0.00	52.97 -2.32 0.00	50.94 -1.96 0.00
WESTOVER___LESR 323668	53.93 0.95 0.00	51.57 0.96 0.00	50.11 0.93 0.00	50.87 1.00 0.00	51.39 0.81 0.00	54.32 0.80 0.00	75.87 1.19 0.00	89.26 1.23 0.00	62.62 0.68 0.00	56.06 0.56 0.00	48.01 0.52 0.00	47.27 0.42 0.00	46.55 0.46 0.00	47.63 0.47 0.00	50.20 0.30 0.00	60.81 0.30 0.00	78.73 0.47 0.00	95.81 0.48 0.00	83.81 0.50 0.00	77.12 0.46 0.00	68.39 0.81 0.00	60.48 0.54 0.00	55.79 0.50 0.00	53.37 0.48 0.00
WETHRSFD_WT_PWR 323626	53.40 0.42 0.00	51.31 0.71 0.00	49.92 0.74 0.00	50.82 0.95 0.00	51.04 0.45 0.00	52.45 -1.07 0.00	72.50 -2.17 0.00	84.25 -3.78 0.00	58.53 -3.41 0.00	53.39 -2.11 0.00	46.11 -1.38 0.00	45.25 -1.59 0.00	44.66 -1.43 0.00	45.51 -1.65 0.00	47.21 -2.70 0.00	57.00 -3.51 0.00	73.55 -4.69 0.02	90.26 -5.06 0.01	78.79 -4.50 0.01	72.12 -4.52 0.02	64.60 -2.97 0.00	56.29 -3.66 0.00	52.36 -2.93 0.00	51.94 -0.95 0.00
WHAVSTOR_138KV_BK127 55557	54.88 1.91 0.00	52.28 1.67 0.00	50.85 1.67 0.00	51.57 1.70 0.00	52.46 1.87 0.00	55.77 2.25 0.00	78.11 3.43 0.00	91.99 3.96 0.00	65.16 3.22 0.00	58.78 3.27 0.00	50.62 3.13 0.00	49.84 3.00 0.00	49.04 2.95 0.00	50.08 2.92 0.00	52.90 2.99 0.00	64.02 3.51 0.00	82.57 4.30 0.00	100.48 5.15 0.00	87.80 4.50 0.00	80.49 3.83 0.00	70.48 2.91 0.00	62.88 2.94 0.00	57.84 2.54 0.00	55.33 2.43 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	54.88 1.91 0.00	52.28 1.67 0.00	50.85 1.67 0.00	51.57 1.70 0.00	52.46 1.87 0.00	55.77 2.25 0.00	78.11 3.43 0.00	91.99 3.96 0.00	65.16 3.22 0.00	58.78 3.27 0.00	50.62 3.13 0.00	49.84 3.00 0.00	49.04 2.95 0.00	50.08 2.92 0.00	52.90 2.99 0.00	64.02 3.51 0.00	82.57 4.30 0.00	100.48 5.15 0.00	87.80 4.50 0.00	80.49 3.83 0.00	70.48 2.91 0.00	62.88 2.94 0.00	57.84 2.54 0.00	55.33 2.43 0.00
WHITEHAL_115KV_TB1 80871	57.16 4.19 0.00	54.81 4.20 0.00	53.16 3.98 0.00	53.86 3.99 0.00	54.68 4.10 0.00	58.23 4.71 0.00	81.69 7.02 0.00	96.57 8.54 0.00	66.71 4.77 0.00	58.94 3.44 0.00	50.14 2.66 0.00	49.42 2.58 0.00	48.53 2.44 0.00	49.52 2.36 0.00	52.75 2.84 0.00	64.87 4.36 0.00	84.68 6.42 0.00	103.62 8.29 0.00	90.63 7.33 0.00	83.71 7.05 0.00	73.93 6.35 0.00	65.28 5.34 0.00	59.88 4.59 0.00	57.44 4.55 0.00
WHITEPLN_13_KV_LOAD 356215	55.57 2.60 0.00	52.88 2.28 0.00	51.49 2.31 0.00	52.22 2.34 0.00	53.11 2.53 0.00	56.41 2.89 0.00	79.15 4.48 0.00	93.40 5.37 0.00	66.21 4.27 0.00	59.77 4.27 0.00	51.43 3.94 0.00	50.64 3.79 0.00	49.82 3.73 0.00	50.88 3.73 0.00	53.69 3.79 0.00	65.05 4.54 0.00	83.97 5.71 0.00	102.29 6.96 0.00	89.22 5.91 0.00	81.80 5.14 0.00	71.56 3.99 0.00	63.78 3.84 0.00	58.61 3.32 0.00	56.02 3.12 0.00
WM_FLOYD_69_KV_BK2 356380	57.43 4.45 0.00	54.30 3.69 0.00	52.72 3.54 0.00	53.32 3.44 0.00	54.43 3.84 0.00	57.96 4.44 0.00	78.85 4.18 0.00	92.78 4.75 0.00	67.20 5.26 0.00	61.78 6.27 -0.01	61.00 5.60 -7.91	61.00 5.43 -8.72	60.99 5.30 -9.60	56.60 5.33 -4.11	64.14 5.54 -8.70	67.98 7.02 -0.46	87.08 8.77 -0.05	110.06 10.68 -4.05	92.69 9.33 -0.05	88.19 8.13 -3.40	74.06 6.49 0.00	66.29 6.29 -0.05	60.25 4.92 -0.04	58.24 5.34 0.00
WOODARD___115KV_TB2 355635	52.34 -0.64 0.00	50.00 -0.61 0.00	48.59 -0.59 0.00	49.33 -0.55 0.00	49.88 -0.71 0.00	52.72 -0.80 0.00	73.55 -1.12 0.00	86.71 -1.32 0.00	60.89 -1.05 0.00	54.56 -0.94 0.00	46.72 -0.76 0.00	46.05 -0.80 0.00	45.35 -0.74 0.00	46.40 -0.75 0.00	49.05 -0.85 0.00	59.42 -1.09 0.00	76.85 -1.41 0.00	93.71 -1.62 0.00	81.80 -1.50 0.00	75.28 -1.38 0.00	66.50 -1.08 0.00	58.81 -1.14 0.00	54.24 -1.05 0.00	51.89 -1.01 0.00
WOODMERE_69_KV_BK1 55827	56.84 3.87 0.00	53.85 3.24 0.00	52.33 3.15 0.00	52.97 3.09 0.00	54.02 3.44 0.00	57.43 3.91 0.00	78.78 4.11 0.00	92.87 4.84 0.00	66.71 4.77 0.00	61.00 5.49 -0.01	55.41 4.75 -3.18	55.75 4.64 -4.26	55.71 4.56 -5.06	55.38 4.53 -3.70	57.20 4.69 -2.60	66.63 6.11 -0.01	85.94 7.67 -0.01	104.59 9.25 -0.01	91.40 8.08 -0.01	83.57 6.90 -0.01	73.19 5.61 0.00	65.41 5.45 -0.01	59.55 4.26 0.00	57.50 4.60 0.00
YORK___WARBASSE 23770	55.68 2.70 -0.01	53.04 2.43 -0.01	51.89 2.70 -0.01	52.63 2.74 -0.01	53.58 2.98 -0.01	56.85 3.32 -0.01	78.70 4.03 0.00	92.78 4.75 0.00	65.84 3.90 0.00	64.53 3.39 -5.64	59.62 3.32 -8.81	58.77 3.23 -8.69	56.66 3.18 -7.39	54.74 3.16 -4.43	58.12 3.24 -4.97	64.94 4.42 -0.02	83.35 5.09 0.00	101.62 6.29 0.00	88.72 5.41 0.00	81.26 4.60 0.00	70.82 3.24 0.00	63.66 3.72 0.00	58.94 3.65 0.00	56.50 3.60 -0.01