

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		11/10/2025																										
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	46.08	41.90	40.85	39.16	40.15	46.87	61.08	71.63	65.69	63.47	62.53	61.98	61.98	64.22	63.32	71.21	89.38	111.71	99.37	86.57	71.27	64.57	55.48	52.60			
		2.19	1.96	1.72	1.61	1.80	2.44	3.29	4.18	3.78	3.82	3.93	3.89	4.00	4.03	3.92	4.22	5.38	6.72	6.06	5.28	4.10	4.00	3.63	3.26			
		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			
74TH STREET_GT_1 24260	EST	46.17	42.02	40.93	39.28	40.22	46.96	61.14	71.63	65.76	63.53	62.53	62.04	62.03	64.28	63.38	71.28	89.38	111.71	99.46	86.66	71.33	64.63	55.59	52.75			
		2.28	2.08	1.80	1.73	1.88	2.53	3.35	4.18	3.84	3.88	3.93	3.95	4.06	4.09	3.98	4.29	5.38	6.72	6.16	5.37	4.16	4.06	3.73	3.40			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EST	46.17	42.02	40.93	39.28	40.22	46.96	61.14	71.63	65.76	63.53	62.53	62.04	62.03	64.28	63.38	71.28	89.38	111.71	99.46	86.66	71.33	64.63	55.59	52.75			
		2.28	2.08	1.80	1.73	1.88	2.53	3.35	4.18	3.84	3.88	3.93	3.95	4.06	4.09	3.98	4.29	5.38	6.72	6.16	5.37	4.16	4.06	3.73	3.40			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EST	45.95	41.90	41.05	39.43	40.38	46.96	60.04	70.22	64.21	61.62	60.72	59.89	60.00	62.12	61.36	69.34	87.28	108.88	96.85	84.22	69.79	63.06	55.12	52.20			
		2.06	1.96	1.92	1.88	2.03	2.53	2.25	2.77	2.29	1.97	2.11	1.80	2.03	1.93	1.96	2.34	3.28	3.88	3.55	2.93	2.62	2.48	3.27	2.86			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EST	46.12	42.06	41.20	39.58	40.53	47.22	61.60	70.62	64.46	61.80	60.95	60.12	60.18	62.24	61.47	69.54	87.37	109.40	97.41	84.62	69.99	63.30	55.38	52.45			
		2.24	2.12	2.07	2.03	2.18	2.80	3.81	3.17	2.54	2.14	2.35	2.03	2.20	2.05	2.08	2.55	3.36	4.41	4.10	3.33	2.82	2.73	3.53	3.11			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	45.95	41.90	41.05	39.43	40.38	46.96	60.04	70.22	64.21	61.62	60.72	59.89	60.00	62.12	61.36	69.34	87.28	108.88	96.85	84.22	69.79	63.06	55.12	52.20			
		2.06	1.96	1.92	1.88	2.03	2.53	2.25	2.77	2.29	1.97	2.11	1.80	2.03	1.93	1.96	2.34	3.28	3.88	3.55	2.93	2.62	2.48	3.27	2.86			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527	EST	44.98	41.03	40.22	38.68	39.57	45.93	59.98	69.95	63.59	61.32	60.43	59.59	59.48	61.94	61.53	69.74	86.45	107.62	96.01	83.65	69.38	62.15	53.46	50.82			
		1.10	1.08	1.09	1.13	1.23	1.51	2.20	2.50	1.67	1.67	1.82	1.51	1.50	1.75	2.14	2.75	2.44	2.63	2.71	2.36	2.21	1.57	1.61	1.48			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	44.06	40.19	39.36	37.81	38.69	44.82	58.19	68.06	62.23	59.95	59.08	58.38	58.38	60.67	59.93	67.73	84.93	105.41	93.87	81.78	67.77	61.06	52.37	49.74			
		0.18	0.24	0.23	0.26	0.35	0.40	0.40	0.61	0.31	0.30	0.47	0.29	0.41	0.48	0.53	0.74	0.92	0.42	0.56	0.49	0.60	0.48	0.52	0.39			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	44.67	40.63	39.83	38.19	38.84	44.91	58.54	67.92	62.60	60.37	59.08	58.55	58.50	60.67	59.93	67.53	84.51	105.83	93.68	81.62	67.44	60.88	52.01	49.54			
		0.79	0.68	0.70	0.64	0.50	0.49	0.75	0.47	0.68	0.72	0.47	0.46	0.52	0.48	0.53	0.54	0.50	0.84	0.37	0.33	0.27	0.30	0.16	0.20			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	44.76	40.87	39.99	38.45	39.30	45.62	59.29	69.27	63.34	60.85	59.89	59.19	59.13	61.46	60.76	68.73	86.19	107.62	95.83	83.40	68.91	62.27	53.36	50.72			
		0.88	0.92	0.86	0.90	0.96	1.20	1.50	1.82	1.43	1.19	1.29	1.10	1.16	1.27	1.37	1.74	2.18	2.63	2.52	2.11	1.74	1.69	1.50	1.38			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	44.76	40.83	39.99	38.45	39.30	45.58	59.23	69.27	63.34	60.85	59.84	59.19	59.13	61.46	60.76	68.73	86.19	107.51	95.83	83.40	68.91	62.27	53.36	50.67			
		0.88	0.88	0.86	0.90	0.96	1.15	1.45	1.82	1.43	1.19	1.23	1.10	1.16	1.27	1.37	1.74	2.18	2.52	2.52	2.11	1.74	1.69	1.50	1.33			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	44.06	40.19	39.36	37.81	38.69	44.82	58.19	68.06	62.23	59.95	59.08	58.38	58.38	60.67	59.93	67.73	84.93	105.41	93.87	81.78	67.77	61.06	52.37	49.74			
		0.18	0.24	0.23	0.26	0.35	0.40	0.40	0.61	0.31	0.30	0.47	0.29	0.41	0.48	0.53	0.74	0.92	0.42	0.56	0.49	0.60	0.48	0.52	0.39			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	44.06 0.18 0.00	40.19 0.24 0.00	39.36 0.23 0.00	37.81 0.26 0.00	38.69 0.35 0.00	44.82 0.40 0.00	58.19 0.40 0.00	68.06 0.61 0.00	62.23 0.31 0.00	59.95 0.30 0.00	59.08 0.47 0.00	58.38 0.29 0.00	58.38 0.41 0.00	60.67 0.48 0.00	59.93 0.53 0.00	67.73 0.74 0.00	84.93 0.92 0.00	105.41 0.42 0.00	93.87 0.56 0.00	81.78 0.49 0.00	67.77 0.60 0.00	61.06 0.48 0.00	52.37 0.52 0.00	49.74 0.39 0.00
ALBANY___3 23573	44.06 0.18 0.00	40.19 0.24 0.00	39.36 0.23 0.00	37.81 0.26 0.00	38.69 0.35 0.00	44.82 0.40 0.00	58.19 0.40 0.00	68.06 0.61 0.00	62.23 0.31 0.00	59.95 0.30 0.00	59.08 0.47 0.00	58.38 0.29 0.00	58.38 0.41 0.00	60.67 0.48 0.00	59.93 0.53 0.00	67.73 0.74 0.00	84.93 0.92 0.00	105.41 0.42 0.00	93.87 0.56 0.00	81.78 0.49 0.00	67.77 0.60 0.00	61.06 0.48 0.00	52.37 0.52 0.00	49.74 0.39 0.00
ALBANY___4 23574	44.06 0.18 0.00	40.19 0.24 0.00	39.36 0.23 0.00	37.81 0.26 0.00	38.69 0.35 0.00	44.82 0.40 0.00	58.19 0.40 0.00	68.06 0.61 0.00	62.23 0.31 0.00	59.95 0.30 0.00	59.08 0.47 0.00	58.38 0.29 0.00	58.38 0.41 0.00	60.67 0.48 0.00	59.93 0.53 0.00	67.73 0.74 0.00	84.93 0.92 0.00	105.41 0.42 0.00	93.87 0.56 0.00	81.78 0.49 0.00	67.77 0.60 0.00	61.06 0.48 0.00	52.37 0.52 0.00	49.74 0.39 0.00
ALBANY___LFGE 323615	44.37 0.48 0.00	40.47 0.52 0.00	39.68 0.55 0.00	38.11 0.56 0.00	38.95 0.61 0.00	45.22 0.80 0.00	58.71 0.92 0.00	68.67 1.22 0.00	62.85 0.93 0.00	60.49 0.83 0.00	59.60 1.00 0.00	58.96 0.87 0.00	58.96 0.98 0.00	61.21 1.02 0.00	60.52 1.13 0.00	68.40 1.41 0.00	85.60 1.59 0.00	106.67 1.67 0.00	94.99 1.68 0.00	82.59 1.30 0.00	68.31 1.14 0.00	61.67 1.09 0.00	52.84 0.98 0.00	50.18 0.84 0.00
ALCOA_PA_115KV_PL-6C 55860	45.03 1.14 0.00	40.99 1.04 0.00	40.19 1.06 0.00	38.53 0.98 0.00	39.15 0.81 0.00	45.31 0.89 0.00	59.06 1.27 0.00	68.53 1.08 0.00	63.09 1.18 0.00	60.85 1.19 0.00	59.54 0.94 0.00	59.07 0.99 0.00	59.02 1.04 0.00	61.15 0.96 0.00	60.35 0.95 0.00	67.93 0.94 0.00	85.02 1.01 0.00	106.46 1.47 0.00	94.24 0.93 0.00	82.18 0.89 0.00	67.91 0.74 0.00	61.36 0.79 0.00	52.42 0.57 0.00	49.93 0.59 0.00
ALCOA_RYNLDS___DRP 24188	45.03 1.14 0.00	40.99 1.04 0.00	40.19 1.06 0.00	38.53 0.98 0.00	39.15 0.81 0.00	45.31 0.89 0.00	59.06 1.27 0.00	68.53 1.08 0.00	63.09 1.18 0.00	60.85 1.19 0.00	59.54 0.94 0.00	59.07 0.99 0.00	59.02 1.04 0.00	61.15 0.96 0.00	60.35 0.95 0.00	67.93 0.94 0.00	85.02 1.01 0.00	106.46 1.47 0.00	94.24 0.93 0.00	82.18 0.89 0.00	67.91 0.74 0.00	61.36 0.79 0.00	52.42 0.57 0.00	49.93 0.59 0.00
ALCOA___DSASP 323711	45.03 1.14 0.00	40.99 1.04 0.00	40.19 1.06 0.00	38.53 0.98 0.00	39.15 0.81 0.00	45.31 0.89 0.00	59.06 1.27 0.00	68.53 1.08 0.00	63.09 1.18 0.00	60.85 1.19 0.00	59.54 0.94 0.00	59.07 0.99 0.00	59.02 1.04 0.00	61.15 0.96 0.00	60.35 0.95 0.00	67.93 0.94 0.00	85.02 1.01 0.00	106.46 1.47 0.00	94.24 0.93 0.00	82.18 0.89 0.00	67.91 0.74 0.00	61.36 0.79 0.00	52.42 0.57 0.00	49.93 0.59 0.00
ALLEGHENY___COGEN 23514	45.33 1.45 0.00	40.83 0.88 0.00	40.22 1.09 0.00	38.49 0.94 0.00	39.53 1.19 0.00	45.49 1.06 0.00	58.83 1.04 0.00	68.80 1.35 0.00	62.47 0.56 0.00	59.96 0.30 0.00	57.91 -0.70 0.00	57.33 -0.76 0.00	56.75 -1.22 0.00	58.75 -1.45 0.00	58.03 -1.36 0.00	62.57 -4.42 0.00	79.31 -4.70 0.00	102.58 -2.41 0.00	90.51 -2.80 0.00	79.34 -1.95 0.00	65.36 -1.81 0.00	61.18 0.61 0.00	52.17 0.31 0.00	50.28 0.94 0.00
ALTAMONT_115KV_TB 2 55880	44.32 0.44 0.00	40.39 0.44 0.00	39.56 0.43 0.00	37.96 0.41 0.00	38.84 0.50 0.00	45.04 0.62 0.00	58.59 0.81 0.00	68.53 1.08 0.00	62.66 0.74 0.00	60.37 0.72 0.00	59.43 0.82 0.00	58.78 0.70 0.00	58.79 0.81 0.00	61.03 0.84 0.00	60.29 0.89 0.00	68.06 1.07 0.00	85.35 1.34 0.00	106.15 1.15 0.00	94.52 1.21 0.00	82.35 1.06 0.00	68.18 1.01 0.00	61.54 0.97 0.00	52.73 0.88 0.00	50.13 0.79 0.00
ALTONA_WT_PWR 323606	44.72 0.83 0.00	40.70 0.76 0.00	39.91 0.78 0.00	38.19 0.64 0.00	38.77 0.42 0.00	44.20 -0.22 0.00	57.03 -0.75 0.00	66.30 -1.15 0.00	61.18 -0.74 0.00	59.06 -0.60 0.00	57.84 -0.76 0.00	57.33 -0.76 0.00	57.28 -0.69 0.00	59.35 -0.84 0.00	58.56 -0.83 0.00	65.99 -1.00 0.00	82.58 -1.43 0.00	102.90 -2.10 0.00	91.16 -2.14 0.00	79.26 -2.03 0.00	65.36 -1.81 0.00	58.70 -1.88 0.00	50.46 -1.40 0.00	48.26 -1.09 0.00
AMERICAN_REF_FUEL 24010	42.61 -1.27 0.00	38.31 -1.64 0.00	37.72 -1.41 0.00	36.12 -1.43 0.00	37.11 -1.23 0.00	41.98 -2.44 0.00	53.28 -4.51 0.00	61.65 -5.80 0.00	56.59 -5.33 0.00	55.24 -4.41 0.00	53.68 -4.92 0.00	53.44 -4.65 0.00	53.28 -4.69 0.00	54.89 -5.30 0.00	54.23 -5.17 0.00	59.89 -7.10 0.00	75.02 -8.99 0.00	95.86 -9.14 0.00	84.07 -9.24 0.00	73.57 -7.72 0.00	60.92 -6.24 0.00	55.36 -5.21 0.00	47.55 -4.30 0.00	46.43 -2.91 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.67 -0.22 0.00	39.35 -0.60 0.00	38.82 -0.31 0.00	37.14 -0.41 0.00	38.19 -0.15 0.00	43.53 -0.89 0.00	55.76 -2.02 0.00	64.68 -2.77 0.00	59.50 -2.42 0.00	57.87 -1.79 0.00	56.09 -2.52 0.00	55.94 -2.15 0.00	55.65 -2.32 0.00	57.24 -2.95 0.00	56.55 -2.85 0.00	62.43 -4.56 0.00	78.12 -5.88 0.00	100.38 -4.62 0.00	87.99 -5.31 0.00	76.66 -4.63 0.00	63.27 -3.90 0.00	57.49 -3.09 0.00	49.31 -2.54 0.00	47.86 -1.48 0.00
ARTHUR KILL_GT_1 23520	46.57 2.68 -0.01	42.35 2.40 -0.01	41.29 2.15 -0.01	39.62 2.07 -0.01	40.57 2.22 -0.01	47.36 2.93 -0.01	60.73 2.95 0.00	70.62 3.17 0.00	64.95 3.03 0.00	62.82 3.16 0.00	61.65 3.05 0.00	61.11 3.02 0.00	61.11 3.13 0.00	63.38 3.19 0.00	62.49 3.09 0.00	70.34 3.35 0.00	88.21 4.20 0.00	110.35 5.35 0.00	98.25 4.95 0.00	85.84 4.55 0.00	70.66 3.49 0.00	64.21 3.63 0.00	55.79 3.94 0.00	53.10 3.75 -0.01
ARTHUR_KILL_2 23512	46.44 2.54 -0.01	42.27 2.32 -0.01	41.21 2.07 -0.01	39.51 1.95 -0.01	40.46 2.11 -0.01	47.32 2.89 -0.01	60.50 2.72 0.00	70.42 2.96 0.00	64.77 2.85 0.00	62.64 2.98 0.00	61.48 2.87 0.00	60.99 2.90 0.00	60.93 2.96 0.00	63.20 3.01 0.00	62.31 2.91 0.00	70.27 3.28 0.00	88.46 4.45 0.00	110.24 5.25 0.00	98.53 5.22 0.00	85.84 4.55 0.00	70.53 3.36 0.00	64.27 3.70 0.00	55.69 3.84 0.00	52.90 3.55 -0.01
ARTHUR_KILL_3 23513	45.81 1.93 0.00	41.66 1.72 0.00	40.58 1.45 0.00	38.94 1.39 0.00	39.88 1.54 0.00	46.60 2.18 0.00	60.62 2.83 0.00	71.16 3.71 0.00	65.20 3.28 0.00	62.99 3.34 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.74 3.55 0.00	62.84 3.44 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.19 6.19 0.00	99.19 5.88 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.39 3.82 0.00	55.17 3.32 0.00	52.30 2.96 0.00

ARTHUR_KILL_COGEN 323718	46.57 2.68 -0.01	42.35 2.40 -0.01	41.29 2.15 -0.01	39.62 2.06 -0.01	40.57 2.22 -0.01	47.45 3.02 -0.01	60.67 2.89 0.00	70.62 3.17 0.00	64.95 3.03 0.00	62.82 3.16 0.00	61.65 3.05 0.00	61.16 3.08 0.00	61.10 3.13 0.00	63.38 3.19 0.00	62.48 3.09 0.00	70.47 3.48 0.00	88.71 4.70 0.00	110.56 5.56 0.00	98.90 5.60 0.00	86.08 4.79 0.00	70.79 3.62 0.00	64.45 3.88 0.00	55.85 3.99 0.00	53.05 3.70 -0.01
ASHOKAN____ 23654	44.63 0.75 0.00	40.70 0.76 0.00	39.72 0.59 0.00	38.34 0.79 0.00	39.07 0.73 0.00	45.49 1.06 0.00	59.40 1.62 0.00	69.61 2.16 0.00	63.52 1.61 0.00	60.73 1.07 0.00	59.54 0.93 0.00	58.96 0.87 0.00	58.85 0.87 0.00	61.28 1.08 0.00	60.41 1.01 0.00	68.53 1.54 0.00	86.53 2.52 0.00	108.67 3.67 0.00	97.32 4.01 0.00	84.62 3.33 0.00	68.91 1.74 0.00	62.88 2.30 0.00	53.77 1.92 0.00	50.97 1.63 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.19 2.76 -0.01	60.85 3.06 0.00	70.75 3.30 0.01	65.13 3.22 0.01	62.99 3.34 0.01	62.00 3.40 0.01	61.50 3.43 0.01	61.45 3.48 0.01	63.67 3.49 0.01	62.77 3.38 0.01	70.67 3.68 0.01	88.87 4.87 0.01	110.76 5.77 0.01	98.90 5.60 0.01	86.16 4.88 0.01	70.79 3.62 0.01	64.32 3.76 0.01	55.64 3.78 0.00	52.90 3.55 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	46.39 2.50 -0.01	42.19 2.24 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.19 2.76 -0.01	60.79 3.00 0.00	70.75 3.30 0.01	65.06 3.16 0.01	62.93 3.28 0.01	62.00 3.40 0.01	61.50 3.43 0.01	61.39 3.42 0.01	63.67 3.49 0.01	62.71 3.32 0.01	70.67 3.68 0.01	88.79 4.79 0.01	110.65 5.67 0.01	98.90 5.60 0.01	86.08 4.79 0.01	70.72 3.56 0.01	64.26 3.70 0.01	55.64 3.78 0.00	52.90 3.55 -0.01
ASTORIA_GT2_1 24094	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.42 2.07 -0.01	47.14 2.71 -0.01	60.91 3.12 0.00	70.76 3.31 0.00	65.07 3.16 0.00	63.00 3.34 0.00	62.01 3.40 0.00	61.51 3.43 0.00	61.45 3.48 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.54 3.55 0.00	88.38 4.37 0.00	110.45 5.46 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.66 3.49 0.00	64.03 3.45 0.00	55.59 3.73 0.00	52.85 3.50 -0.01
ASTORIA_GT2_2 24095	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.42 2.07 -0.01	47.14 2.71 -0.01	60.91 3.12 0.00	70.76 3.31 0.00	65.07 3.16 0.00	63.00 3.34 0.00	62.01 3.40 0.00	61.51 3.43 0.00	61.45 3.48 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.54 3.55 0.00	88.38 4.37 0.00	110.45 5.46 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.66 3.49 0.00	64.03 3.45 0.00	55.59 3.73 0.00	52.85 3.50 -0.01
ASTORIA_GT2_3 24096	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.42 2.07 -0.01	47.14 2.71 -0.01	60.91 3.12 0.00	70.76 3.31 0.00	65.07 3.16 0.00	63.00 3.34 0.00	62.01 3.40 0.00	61.51 3.43 0.00	61.45 3.48 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.54 3.55 0.00	88.38 4.37 0.00	110.45 5.46 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.66 3.49 0.00	64.03 3.45 0.00	55.59 3.73 0.00	52.85 3.50 -0.01
ASTORIA_GT2_4 24097	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.42 2.07 -0.01	47.14 2.71 -0.01	60.91 3.12 0.00	70.76 3.31 0.00	65.07 3.16 0.00	63.00 3.34 0.00	62.01 3.40 0.00	61.51 3.43 0.00	61.45 3.48 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.54 3.55 0.00	88.38 4.37 0.00	110.45 5.46 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.66 3.49 0.00	64.03 3.45 0.00	55.59 3.73 0.00	52.85 3.50 -0.01
ASTORIA_GT3_1 24098	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.42 2.07 -0.01	47.14 2.71 -0.01	60.91 3.12 0.00	70.76 3.31 0.00	65.07 3.16 0.00	63.00 3.34 0.00	62.01 3.40 0.00	61.51 3.43 0.00	61.45 3.48 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.54 3.55 0.00	88.38 4.37 0.00	110.45 5.46 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.66 3.49 0.00	64.03 3.45 0.00	55.59 3.73 0.00	52.85 3.50 -0.01
ASTORIA_GT3_2 24099	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.42 2.07 -0.01	47.14 2.71 -0.01	60.91 3.12 0.00	70.76 3.31 0.00	65.07 3.16 0.00	63.00 3.34 0.00	62.01 3.40 0.00	61.51 3.43 0.00	61.45 3.48 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.54 3.55 0.00	88.38 4.37 0.00	110.45 5.46 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.66 3.49 0.00	64.03 3.45 0.00	55.59 3.73 0.00	52.85 3.50 -0.01
ASTORIA_GT3_3 24100	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.42 2.07 -0.01	47.14 2.71 -0.01	60.91 3.12 0.00	70.76 3.31 0.00	65.07 3.16 0.00	63.00 3.34 0.00	62.01 3.40 0.00	61.51 3.43 0.00	61.45 3.48 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.54 3.55 0.00	88.38 4.37 0.00	110.45 5.46 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.66 3.49 0.00	64.03 3.45 0.00	55.59 3.73 0.00	52.85 3.50 -0.01
ASTORIA_GT3_4 24101	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.42 2.07 -0.01	47.14 2.71 -0.01	60.91 3.12 0.00	70.76 3.31 0.00	65.07 3.16 0.00	63.00 3.34 0.00	62.01 3.40 0.00	61.51 3.43 0.00	61.45 3.48 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.54 3.55 0.00	88.38 4.37 0.00	110.45 5.46 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.66 3.49 0.00	64.03 3.45 0.00	55.59 3.73 0.00	52.85 3.50 -0.01
ASTORIA_GT4_1 24102	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.42 2.07 -0.01	47.14 2.71 -0.01	60.91 3.12 0.00	70.76 3.31 0.00	65.07 3.16 0.00	63.00 3.34 0.00	62.01 3.40 0.00	61.51 3.43 0.00	61.45 3.48 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.54 3.55 0.00	88.38 4.37 0.00	110.45 5.46 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.66 3.49 0.00	64.03 3.45 0.00	55.59 3.73 0.00	52.85 3.50 -0.01
ASTORIA_GT4_2 24103	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.42 2.07 -0.01	47.14 2.71 -0.01	60.91 3.12 0.00	70.76 3.31 0.00	65.07 3.16 0.00	63.00 3.34 0.00	62.01 3.40 0.00	61.51 3.43 0.00	61.45 3.48 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.54 3.55 0.00	88.38 4.37 0.00	110.45 5.46 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.66 3.49 0.00	64.03 3.45 0.00	55.59 3.73 0.00	52.85 3.50 -0.01
ASTORIA_GT4_3 24104	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.42 2.07 -0.01	47.14 2.71 -0.01	60.91 3.12 0.00	70.76 3.31 0.00	65.07 3.16 0.00	63.00 3.34 0.00	62.01 3.40 0.00	61.51 3.43 0.00	61.45 3.48 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.54 3.55 0.00	88.38 4.37 0.00	110.45 5.46 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.66 3.49 0.00	64.03 3.45 0.00	55.59 3.73 0.00	52.85 3.50 -0.01

ASTORIA_GT4_4 24105	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.42 2.07 -0.01	47.14 2.71 -0.01	60.91 3.12 0.00	70.76 3.31 0.00	65.07 3.16 0.00	63.00 3.34 0.00	62.01 3.40 0.00	61.51 3.43 0.00	61.45 3.48 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.54 3.55 0.00	88.38 4.37 0.00	110.45 5.46 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.66 3.49 0.00	64.03 3.45 0.00	55.59 3.73 0.00	52.85 3.50 -0.01
ASTORIA_GT_1 23523	46.48 2.59 -0.01	42.27 2.32 -0.01	41.21 2.07 -0.01	39.55 1.99 -0.01	40.50 2.15 -0.01	47.19 2.75 -0.01	60.96 3.18 0.00	70.89 3.44 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.12 3.52 0.00	61.63 3.54 0.00	61.57 3.59 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.68 3.68 0.00	88.54 4.54 0.00	110.66 5.67 0.00	98.53 5.23 0.00	85.84 4.55 0.00	70.80 3.63 0.00	64.15 3.57 0.00	55.69 3.84 0.00	52.95 3.60 -0.01
ASTORIA_GT_10 24110	46.26 2.37 -0.01	42.11 2.16 -0.01	41.02 1.88 -0.01	39.36 1.80 -0.01	40.31 1.96 -0.01	47.01 2.58 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.26 3.34 0.00	63.18 3.52 0.00	62.18 3.57 0.00	61.63 3.54 0.00	61.63 3.65 0.00	63.86 3.67 0.00	62.96 3.56 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.53 5.23 0.00	85.92 4.63 0.00	70.86 3.69 0.00	64.27 3.70 0.00	55.53 3.68 0.00	52.80 3.45 -0.01
ASTORIA_GT_11 24225	46.26 2.37 -0.01	42.11 2.16 -0.01	41.02 1.88 -0.01	39.36 1.80 -0.01	40.31 1.96 -0.01	47.01 2.58 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.26 3.34 0.00	63.18 3.52 0.00	62.18 3.57 0.00	61.63 3.54 0.00	61.63 3.65 0.00	63.86 3.67 0.00	62.96 3.56 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.53 5.23 0.00	85.92 4.63 0.00	70.86 3.69 0.00	64.27 3.70 0.00	55.53 3.68 0.00	52.80 3.45 -0.01
ASTORIA_GT_12 24226	46.26 2.37 -0.01	42.11 2.16 -0.01	41.02 1.88 -0.01	39.36 1.80 -0.01	40.31 1.96 -0.01	47.01 2.58 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.26 3.34 0.00	63.18 3.52 0.00	62.18 3.57 0.00	61.63 3.54 0.00	61.63 3.65 0.00	63.86 3.67 0.00	62.96 3.56 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.53 5.23 0.00	85.92 4.63 0.00	70.86 3.69 0.00	64.27 3.70 0.00	55.53 3.68 0.00	52.80 3.45 -0.01
ASTORIA_GT_13 24227	46.26 2.37 -0.01	42.11 2.16 -0.01	41.02 1.88 -0.01	39.36 1.80 -0.01	40.31 1.96 -0.01	47.01 2.58 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.26 3.34 0.00	63.18 3.52 0.00	62.18 3.57 0.00	61.63 3.54 0.00	61.63 3.65 0.00	63.86 3.67 0.00	62.96 3.56 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.53 5.23 0.00	85.92 4.63 0.00	70.86 3.69 0.00	64.27 3.70 0.00	55.53 3.68 0.00	52.80 3.45 -0.01
ASTORIA_GT_5 24106	46.48 2.59 -0.01	42.27 2.32 -0.01	41.21 2.07 -0.01	39.55 1.99 -0.01	40.50 2.15 -0.01	47.19 2.75 -0.01	60.96 3.18 0.00	70.89 3.44 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.12 3.52 0.00	61.63 3.54 0.00	61.57 3.59 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.68 3.68 0.00	88.54 4.54 0.00	110.66 5.67 0.00	98.53 5.23 0.00	85.84 4.55 0.00	70.80 3.63 0.00	64.15 3.57 0.00	55.69 3.84 0.00	52.95 3.60 -0.01
ASTORIA_GT_7 24107	46.48 2.59 -0.01	42.27 2.32 -0.01	41.21 2.07 -0.01	39.55 1.99 -0.01	40.50 2.15 -0.01	47.19 2.75 -0.01	60.96 3.18 0.00	70.89 3.44 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.12 3.52 0.00	61.63 3.54 0.00	61.57 3.59 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.68 3.68 0.00	88.54 4.54 0.00	110.66 5.67 0.00	98.53 5.23 0.00	85.84 4.55 0.00	70.80 3.63 0.00	64.15 3.57 0.00	55.69 3.84 0.00	52.95 3.60 -0.01
ASTORIA_GT_8 24108	46.48 2.59 -0.01	42.27 2.32 -0.01	41.21 2.07 -0.01	39.55 1.99 -0.01	40.50 2.15 -0.01	47.19 2.75 -0.01	60.96 3.18 0.00	70.89 3.44 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.12 3.52 0.00	61.63 3.54 0.00	61.57 3.59 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.68 3.68 0.00	88.54 4.54 0.00	110.66 5.67 0.00	98.53 5.23 0.00	85.84 4.55 0.00	70.80 3.63 0.00	64.15 3.57 0.00	55.69 3.84 0.00	52.95 3.60 -0.01
ASTORIA___2 24149	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.19 2.76 -0.01	60.85 3.06 0.00	70.75 3.30 0.01	65.13 3.22 0.01	62.99 3.34 0.01	62.00 3.40 0.01	61.50 3.43 0.01	61.45 3.48 0.01	63.67 3.49 0.01	62.77 3.38 0.01	70.67 3.68 0.01	88.87 4.87 0.01	110.76 5.77 0.01	98.90 5.60 0.01	86.16 4.88 0.01	70.79 3.62 0.01	64.32 3.76 0.01	55.64 3.78 0.00	52.90 3.55 -0.01
ASTORIA___3 23516	46.26 2.37 -0.01	42.07 2.12 -0.01	41.02 1.88 -0.01	39.32 1.77 -0.01	40.31 1.95 -0.01	47.10 2.67 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.17 3.52 0.00	62.18 3.58 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.86 3.67 0.00	62.96 3.56 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.19 5.88 0.00	86.33 5.04 0.00	70.93 3.76 0.00	64.51 3.94 0.00	55.59 3.74 0.00	52.80 3.45 -0.01
ASTORIA___4 23517	46.26 2.37 -0.01	42.11 2.16 -0.01	41.02 1.88 -0.01	39.36 1.80 -0.01	40.31 1.96 -0.01	47.01 2.58 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.26 3.34 0.00	63.18 3.52 0.00	62.18 3.57 0.00	61.63 3.54 0.00	61.63 3.65 0.00	63.86 3.67 0.00	62.96 3.56 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.53 5.23 0.00	85.92 4.63 0.00	70.86 3.69 0.00	64.27 3.70 0.00	55.53 3.68 0.00	52.80 3.45 -0.01
ASTORIA___5 23518	46.26 2.37 -0.01	42.07 2.12 -0.01	41.02 1.88 -0.01	39.32 1.77 -0.01	40.31 1.95 -0.01	47.10 2.67 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.17 3.52 0.00	62.18 3.58 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.86 3.67 0.00	62.96 3.56 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.19 5.88 0.00	86.33 5.04 0.00	70.93 3.76 0.00	64.51 3.94 0.00	55.59 3.74 0.00	52.80 3.45 -0.01
AST_ENERGY_2_CC3 323677	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.19 2.76 -0.01	60.85 3.06 0.00	70.75 3.30 0.01	65.13 3.22 0.01	62.99 3.34 0.01	62.00 3.40 0.01	61.50 3.43 0.01	61.45 3.48 0.01	63.67 3.49 0.01	62.77 3.38 0.01	70.67 3.68 0.01	88.87 4.87 0.01	110.76 5.77 0.01	98.90 5.60 0.01	86.16 4.88 0.01	70.79 3.62 0.01	64.32 3.76 0.01	55.64 3.78 0.00	52.90 3.55 -0.01
AST_ENERGY_2_CC4 323678	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.19 2.76 -0.01	60.85 3.06 0.00	70.75 3.30 0.01	65.13 3.22 0.01	62.99 3.34 0.01	62.00 3.40 0.01	61.50 3.43 0.01	61.45 3.48 0.01	63.67 3.49 0.01	62.77 3.38 0.01	70.67 3.68 0.01	88.87 4.87 0.01	110.76 5.77 0.01	98.90 5.60 0.01	86.16 4.88 0.01	70.79 3.62 0.01	64.32 3.76 0.01	55.64 3.78 0.00	52.90 3.55 -0.01

ATHENS_STG_1 23668	44.68 0.79 0.00	40.67 0.72 0.00	39.75 0.62 0.00	38.19 0.64 0.00	39.07 0.73 0.00	45.45 1.02 0.00	59.06 1.27 0.00	69.14 1.69 0.00	63.34 1.43 0.00	61.03 1.37 0.00	60.13 1.52 0.00	59.59 1.51 0.00	59.48 1.50 0.00	61.75 1.56 0.00	60.94 1.54 0.00	68.80 1.81 0.00	86.36 2.35 0.00	107.62 2.63 0.00	95.83 2.52 0.00	83.49 2.20 0.00	68.91 1.74 0.00	62.33 1.76 0.00	53.41 1.55 0.00	50.72 1.38 0.00
ATHENS_STG_2 23670	44.68 0.79 0.00	40.67 0.72 0.00	39.75 0.62 0.00	38.19 0.64 0.00	39.07 0.73 0.00	45.45 1.02 0.00	59.06 1.27 0.00	69.14 1.69 0.00	63.34 1.43 0.00	61.03 1.37 0.00	60.13 1.52 0.00	59.59 1.51 0.00	59.48 1.50 0.00	61.75 1.56 0.00	60.94 1.54 0.00	68.80 1.81 0.00	86.36 2.35 0.00	107.62 2.63 0.00	95.83 2.52 0.00	83.49 2.20 0.00	68.91 1.74 0.00	62.33 1.76 0.00	53.41 1.55 0.00	50.72 1.38 0.00
ATHENS_STG_3 23677	44.68 0.79 0.00	40.67 0.72 0.00	39.75 0.62 0.00	38.19 0.64 0.00	39.07 0.73 0.00	45.45 1.02 0.00	59.06 1.27 0.00	69.14 1.69 0.00	63.34 1.43 0.00	61.03 1.37 0.00	60.13 1.52 0.00	59.59 1.51 0.00	59.48 1.50 0.00	61.75 1.56 0.00	60.94 1.54 0.00	68.80 1.81 0.00	86.36 2.35 0.00	107.62 2.63 0.00	95.83 2.52 0.00	83.49 2.20 0.00	68.91 1.74 0.00	62.33 1.76 0.00	53.41 1.55 0.00	50.72 1.38 0.00
AUBURN___LFGE 323710	43.53 -0.35 0.00	39.51 -0.44 0.00	38.82 -0.31 0.00	37.21 -0.34 0.00	38.11 -0.23 0.00	44.20 -0.22 0.00	57.44 -0.35 0.00	67.32 -0.13 0.00	61.79 -0.12 0.00	59.42 -0.24 0.00	58.43 -0.18 0.00	58.03 -0.06 0.00	57.80 -0.17 0.00	59.95 -0.24 0.00	59.04 -0.36 0.00	66.66 -0.33 0.00	83.67 -0.34 0.00	105.52 0.52 0.00	93.77 0.47 0.00	81.53 0.24 0.00	67.24 0.07 0.00	60.45 -0.12 0.00	51.70 -0.16 0.00	49.19 -0.15 0.00
BABYLON_RES_REC 323704	46.16 2.28 0.00	41.94 2.00 0.00	40.70 1.57 0.00	39.05 1.50 0.00	40.15 1.80 0.00	46.82 2.40 0.00	59.63 1.85 0.00	70.63 2.96 -0.22	64.21 2.29 0.00	62.05 2.39 0.00	62.12 3.52 0.00	61.75 3.66 0.00	61.92 3.94 0.00	64.01 3.73 -0.09	63.10 3.68 -0.02	71.41 4.42 0.00	90.56 6.56 0.00	113.22 8.19 -0.03	101.05 7.74 0.00	88.36 7.07 0.00	72.07 4.90 0.00	65.24 4.66 0.00	56.73 4.87 0.00	53.49 4.15 0.00
BALL_HILL_WT_PWR 323825	43.62 -0.26 0.00	39.27 -0.68 0.00	38.70 -0.43 0.00	37.02 -0.53 0.00	38.04 -0.31 0.00	43.27 -1.16 0.00	55.30 -2.48 0.00	64.15 -3.30 0.00	58.88 -3.03 0.00	57.27 -2.39 0.00	55.56 -3.05 0.00	55.36 -2.73 0.00	55.14 -2.84 0.00	56.76 -3.43 0.00	56.07 -3.33 0.00	61.97 -5.03 0.00	77.54 -5.46 0.00	99.53 -5.46 0.00	87.33 -5.97 0.00	76.25 -5.04 0.00	63.07 -4.10 0.00	57.24 -3.33 0.00	49.10 -2.75 0.00	47.76 -1.58 0.00
BARON_WINDS___WT_PWR 323822	43.62 -0.26 0.00	39.39 -0.56 0.00	38.82 -0.31 0.00	37.10 -0.45 0.00	38.04 -0.31 0.00	43.71 -0.71 0.00	56.05 -1.73 0.00	65.43 -2.02 0.00	59.75 -2.17 0.00	57.69 -1.97 0.00	56.03 -2.58 0.00	55.82 -2.27 0.00	55.48 -2.49 0.00	57.18 -3.01 0.00	56.37 -3.03 0.00	62.43 -4.56 0.00	78.21 -5.80 0.00	100.27 -4.72 0.00	88.17 -5.13 0.00	76.98 -4.31 0.00	63.75 -3.42 0.00	57.85 -2.72 0.00	49.52 -2.33 0.00	47.86 -1.48 0.00
BARRETT_IC_1 23704	45.95 2.06 0.00	41.75 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.60 2.18 0.00	59.35 1.56 0.00	69.95 2.50 0.00	63.90 1.98 0.00	61.74 2.09 0.00	61.65 3.05 0.00	61.28 3.19 0.00	61.39 3.42 0.00	63.38 3.19 0.00	62.48 3.09 0.00	70.67 3.68 0.00	89.47 5.46 0.00	111.40 6.41 0.00	99.56 6.25 0.00	87.15 5.86 0.00	71.20 4.03 0.00	64.57 4.00 0.00	56.11 4.25 0.00	53.04 3.70 0.00
BARRETT_IC_10 23701	45.95 2.06 0.00	41.75 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.60 2.18 0.00	59.35 1.56 0.00	69.95 2.50 0.00	63.90 1.98 0.00	61.74 2.09 0.00	61.65 3.05 0.00	61.28 3.19 0.00	61.39 3.42 0.00	63.38 3.19 0.00	62.48 3.09 0.00	70.67 3.68 0.00	89.47 5.46 0.00	111.40 6.41 0.00	99.56 6.25 0.00	87.15 5.86 0.00	71.20 4.03 0.00	64.57 4.00 0.00	56.11 4.25 0.00	53.04 3.70 0.00
BARRETT_IC_11 23702	45.95 2.06 0.00	41.75 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.60 2.18 0.00	59.35 1.56 0.00	69.95 2.50 0.00	63.90 1.98 0.00	61.74 2.09 0.00	61.65 3.05 0.00	61.28 3.19 0.00	61.39 3.42 0.00	63.38 3.19 0.00	62.48 3.09 0.00	70.67 3.68 0.00	89.47 5.46 0.00	111.40 6.41 0.00	99.56 6.25 0.00	87.15 5.86 0.00	71.20 4.03 0.00	64.57 4.00 0.00	56.11 4.25 0.00	53.04 3.70 0.00
BARRETT_IC_12 23703	45.95 2.06 0.00	41.75 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.60 2.18 0.00	59.35 1.56 0.00	69.95 2.50 0.00	63.90 1.98 0.00	61.74 2.09 0.00	61.65 3.05 0.00	61.28 3.19 0.00	61.39 3.42 0.00	63.38 3.19 0.00	62.48 3.09 0.00	70.67 3.68 0.00	89.47 5.46 0.00	111.40 6.41 0.00	99.56 6.25 0.00	87.15 5.86 0.00	71.20 4.03 0.00	64.57 4.00 0.00	56.11 4.25 0.00	53.04 3.70 0.00
BARRETT_IC_2 23705	45.95 2.06 0.00	41.75 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.60 2.18 0.00	59.35 1.56 0.00	69.95 2.50 0.00	63.90 1.98 0.00	61.74 2.09 0.00	61.65 3.05 0.00	61.28 3.19 0.00	61.39 3.42 0.00	63.38 3.19 0.00	62.48 3.09 0.00	70.67 3.68 0.00	89.47 5.46 0.00	111.40 6.41 0.00	99.56 6.25 0.00	87.15 5.86 0.00	71.20 4.03 0.00	64.57 4.00 0.00	56.11 4.25 0.00	53.04 3.70 0.00
BARRETT_IC_3 23706	45.95 2.06 0.00	41.75 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.60 2.18 0.00	59.35 1.56 0.00	69.95 2.50 0.00	63.90 1.98 0.00	61.74 2.09 0.00	61.65 3.05 0.00	61.28 3.19 0.00	61.39 3.42 0.00	63.38 3.19 0.00	62.48 3.09 0.00	70.67 3.68 0.00	89.47 5.46 0.00	111.40 6.41 0.00	99.56 6.25 0.00	87.15 5.86 0.00	71.20 4.03 0.00	64.57 4.00 0.00	56.11 4.25 0.00	53.04 3.70 0.00
BARRETT_IC_4 23707	45.95 2.06 0.00	41.75 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.60 2.18 0.00	59.35 1.56 0.00	69.95 2.50 0.00	63.90 1.98 0.00	61.74 2.09 0.00	61.65 3.05 0.00	61.28 3.19 0.00	61.39 3.42 0.00	63.38 3.19 0.00	62.48 3.09 0.00	70.67 3.68 0.00	89.47 5.46 0.00	111.40 6.41 0.00	99.56 6.25 0.00	87.15 5.86 0.00	71.20 4.03 0.00	64.57 4.00 0.00	56.11 4.25 0.00	53.04 3.70 0.00
BARRETT_IC_5 23708	45.95 2.06 0.00	41.75 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.60 2.18 0.00	59.35 1.56 0.00	69.95 2.50 0.00	63.90 1.98 0.00	61.74 2.09 0.00	61.65 3.05 0.00	61.28 3.19 0.00	61.39 3.42 0.00	63.38 3.19 0.00	62.48 3.09 0.00	70.67 3.68 0.00	89.47 5.46 0.00	111.40 6.41 0.00	99.56 6.25 0.00	87.15 5.86 0.00	71.20 4.03 0.00	64.57 4.00 0.00	56.11 4.25 0.00	53.04 3.70 0.00

BARRETT_IC_6 23709	45.95 2.06 0.00	41.75 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.60 2.18 0.00	59.35 1.56 0.00	69.95 2.50 0.00	63.90 1.98 0.00	61.74 2.09 0.00	61.65 3.05 0.00	61.28 3.19 0.00	61.39 3.42 0.00	63.38 3.19 0.00	62.48 3.09 0.00	70.67 3.68 0.00	89.47 5.46 0.00	111.40 6.41 0.00	99.56 6.25 0.00	87.15 5.86 0.00	71.20 4.03 0.00	64.57 4.00 0.00	56.11 4.25 0.00	53.04 3.70 0.00
BARRETT_IC_7 23710	45.95 2.06 0.00	41.74 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.56 2.13 0.00	59.40 1.62 0.00	69.95 2.50 0.00	63.90 1.98 0.00	61.74 2.09 0.00	61.65 3.05 0.00	61.16 3.08 0.00	61.40 3.42 0.00	63.38 3.19 0.00	62.49 3.09 0.00	70.14 3.15 0.00	87.37 3.36 0.00	108.88 3.88 0.00	97.13 3.83 0.00	85.11 3.82 0.00	69.86 2.69 0.00	63.72 3.15 0.00	55.85 3.99 0.00	52.85 3.50 0.00
BARRETT_IC_8 23711	45.95 2.06 0.00	41.75 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.60 2.18 0.00	59.35 1.56 0.00	69.95 2.50 0.00	63.90 1.98 0.00	61.74 2.09 0.00	61.65 3.05 0.00	61.28 3.19 0.00	61.39 3.42 0.00	63.38 3.19 0.00	62.48 3.09 0.00	70.67 3.68 0.00	89.47 5.46 0.00	111.40 6.41 0.00	99.56 6.25 0.00	87.15 5.86 0.00	71.20 4.03 0.00	64.57 4.00 0.00	56.11 4.25 0.00	53.04 3.70 0.00
BARRETT_IC_9 23700	45.95 2.06 0.00	41.75 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.60 2.18 0.00	59.35 1.56 0.00	69.95 2.50 0.00	63.90 1.98 0.00	61.74 2.09 0.00	61.65 3.05 0.00	61.28 3.19 0.00	61.39 3.42 0.00	63.38 3.19 0.00	62.48 3.09 0.00	70.67 3.68 0.00	89.47 5.46 0.00	111.40 6.41 0.00	99.56 6.25 0.00	87.15 5.86 0.00	71.20 4.03 0.00	64.57 4.00 0.00	56.11 4.25 0.00	53.04 3.70 0.00
BARRETT___1 23545	45.95 2.06 0.00	41.75 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.60 2.18 0.00	59.35 1.56 0.00	69.95 2.50 0.00	63.90 1.98 0.00	61.74 2.09 0.00	61.65 3.05 0.00	61.28 3.19 0.00	61.39 3.42 0.00	63.38 3.19 0.00	62.48 3.09 0.00	70.67 3.68 0.00	89.47 5.46 0.00	111.40 6.41 0.00	99.56 6.25 0.00	87.15 5.86 0.00	71.20 4.03 0.00	64.57 4.00 0.00	56.11 4.25 0.00	53.04 3.70 0.00
BARRETT___2 23546	45.95 2.06 0.00	41.75 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.60 2.18 0.00	59.35 1.56 0.00	69.95 2.50 0.00	63.90 1.98 0.00	61.74 2.09 0.00	61.65 3.05 0.00	61.28 3.19 0.00	61.39 3.42 0.00	63.38 3.19 0.00	62.48 3.09 0.00	70.67 3.68 0.00	89.47 5.46 0.00	111.40 6.41 0.00	99.56 6.25 0.00	87.15 5.86 0.00	71.20 4.03 0.00	64.57 4.00 0.00	56.11 4.25 0.00	53.04 3.70 0.00
BATAVIA__115KV_TB1 55881	44.02 0.13 0.00	39.67 -0.28 0.00	38.97 -0.16 0.00	37.32 -0.23 0.00	38.38 0.04 0.00	43.62 -0.80 0.00	55.94 -1.85 0.00	64.96 -2.50 0.00	59.50 -2.41 0.00	57.99 -1.67 0.00	56.38 -2.23 0.00	56.46 -1.63 0.00	55.95 -2.03 0.00	57.48 -2.71 0.00	56.72 -2.67 0.00	63.51 -3.48 0.00	79.47 -4.54 0.00	101.85 -3.15 0.00	90.23 -3.08 0.00	78.44 -2.85 0.00	64.55 -2.62 0.00	58.27 -2.30 0.00	49.88 -1.97 0.00	48.45 -0.89 0.00
BAYONEEC___CTG1 323682	45.95 2.06 0.00	41.79 1.84 0.00	40.70 1.57 0.00	39.05 1.50 0.00	39.99 1.65 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.29 3.84 0.00	65.38 3.47 0.00	63.17 3.52 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	71.08 4.09 0.00	89.39 5.38 0.00	111.51 6.51 0.00	99.46 6.16 0.00	86.65 5.36 0.00	71.20 4.03 0.00	64.57 4.00 0.00	55.33 3.47 0.00	52.45 3.11 0.00
BAYONEEC___CTG10 323750	45.95 2.06 0.00	41.79 1.84 0.00	40.70 1.57 0.00	39.05 1.50 0.00	39.99 1.65 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.29 3.84 0.00	65.38 3.47 0.00	63.17 3.52 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	71.08 4.09 0.00	89.39 5.38 0.00	111.51 6.51 0.00	99.46 6.16 0.00	86.65 5.36 0.00	71.20 4.03 0.00	64.57 4.00 0.00	55.33 3.47 0.00	52.45 3.11 0.00
BAYONEEC___CTG2 323683	45.95 2.06 0.00	41.79 1.84 0.00	40.70 1.57 0.00	39.05 1.50 0.00	39.99 1.65 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.29 3.84 0.00	65.38 3.47 0.00	63.17 3.52 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	71.08 4.09 0.00	89.39 5.38 0.00	111.51 6.51 0.00	99.46 6.16 0.00	86.65 5.36 0.00	71.20 4.03 0.00	64.57 4.00 0.00	55.33 3.47 0.00	52.45 3.11 0.00
BAYONEEC___CTG3 323684	45.95 2.06 0.00	41.79 1.84 0.00	40.70 1.57 0.00	39.05 1.50 0.00	39.99 1.65 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.29 3.84 0.00	65.38 3.47 0.00	63.17 3.52 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	71.08 4.09 0.00	89.39 5.38 0.00	111.51 6.51 0.00	99.46 6.16 0.00	86.65 5.36 0.00	71.20 4.03 0.00	64.57 4.00 0.00	55.33 3.47 0.00	52.45 3.11 0.00
BAYONEEC___CTG4 323685	45.95 2.06 0.00	41.79 1.84 0.00	40.70 1.57 0.00	39.05 1.50 0.00	39.99 1.65 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.29 3.84 0.00	65.38 3.47 0.00	63.17 3.52 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	71.08 4.09 0.00	89.39 5.38 0.00	111.51 6.51 0.00	99.46 6.16 0.00	86.65 5.36 0.00	71.20 4.03 0.00	64.57 4.00 0.00	55.33 3.47 0.00	52.45 3.11 0.00
BAYONEEC___CTG5 323686	45.95 2.06 0.00	41.79 1.84 0.00	40.70 1.57 0.00	39.05 1.50 0.00	39.99 1.65 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.29 3.84 0.00	65.38 3.47 0.00	63.17 3.52 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	71.08 4.09 0.00	89.39 5.38 0.00	111.51 6.51 0.00	99.46 6.16 0.00	86.65 5.36 0.00	71.20 4.03 0.00	64.57 4.00 0.00	55.33 3.47 0.00	52.45 3.11 0.00
BAYONEEC___CTG6 323687	45.95 2.06 0.00	41.79 1.84 0.00	40.70 1.57 0.00	39.05 1.50 0.00	39.99 1.65 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.29 3.84 0.00	65.38 3.47 0.00	63.17 3.52 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	71.08 4.09 0.00	89.39 5.38 0.00	111.51 6.51 0.00	99.46 6.16 0.00	86.65 5.36 0.00	71.20 4.03 0.00	64.57 4.00 0.00	55.33 3.47 0.00	52.45 3.11 0.00
BAYONEEC___CTG7 323688	45.95 2.06 0.00	41.79 1.84 0.00	40.70 1.57 0.00	39.05 1.50 0.00	39.99 1.65 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.29 3.84 0.00	65.38 3.47 0.00	63.17 3.52 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	71.08 4.09 0.00	89.39 5.38 0.00	111.51 6.51 0.00	99.46 6.16 0.00	86.65 5.36 0.00	71.20 4.03 0.00	64.57 4.00 0.00	55.33 3.47 0.00	52.45 3.11 0.00

BAYONEEC___CTG8 323689	45.95 2.06 0.00	41.79 1.84 0.00	40.70 1.57 0.00	39.05 1.50 0.00	39.99 1.65 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.29 3.84 0.00	65.38 3.47 0.00	63.17 3.52 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	71.08 4.09 0.00	89.39 5.38 0.00	111.51 6.51 0.00	99.46 6.16 0.00	86.65 5.36 0.00	71.20 4.03 0.00	64.57 4.00 0.00	55.33 3.47 0.00	52.45 3.11 0.00
BAYONEEC___CTG9 323749	45.95 2.06 0.00	41.79 1.84 0.00	40.70 1.57 0.00	39.05 1.50 0.00	39.99 1.65 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.29 3.84 0.00	65.38 3.47 0.00	63.17 3.52 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	71.08 4.09 0.00	89.39 5.38 0.00	111.51 6.51 0.00	99.46 6.16 0.00	86.65 5.36 0.00	71.20 4.03 0.00	64.57 4.00 0.00	55.33 3.47 0.00	52.45 3.11 0.00
BEACON___LESR 323632	44.54 0.66 0.00	40.63 0.68 0.00	39.79 0.66 0.00	38.23 0.68 0.00	39.11 0.77 0.00	45.40 0.98 0.00	59.00 1.22 0.00	69.07 1.62 0.00	63.15 1.24 0.00	60.79 1.13 0.00	59.89 1.29 0.00	59.19 1.10 0.00	59.13 1.16 0.00	61.46 1.27 0.00	60.70 1.31 0.00	68.67 1.68 0.00	86.02 2.01 0.00	107.30 2.31 0.00	95.54 2.24 0.00	83.16 1.87 0.00	68.72 1.55 0.00	62.03 1.45 0.00	53.10 1.24 0.00	50.43 1.08 0.00
BEAVER RIVER___HYD 24048	44.19 0.31 0.00	40.27 0.32 0.00	39.44 0.31 0.00	37.81 0.26 0.00	38.77 0.42 0.00	44.96 0.54 0.00	58.77 0.98 0.00	68.80 1.35 0.00	62.97 1.05 0.00	60.02 0.36 0.00	59.25 0.65 0.00	58.73 0.64 0.00	58.44 0.46 0.00	60.55 0.36 0.00	59.64 0.24 0.00	66.73 -0.27 0.00	84.18 0.17 0.00	106.26 1.26 0.00	94.14 0.84 0.00	82.10 0.81 0.00	67.64 0.47 0.00	61.18 0.61 0.00	52.11 0.26 0.00	49.59 0.25 0.00
BEEBEE_GT_13 23619	43.58 -0.31 0.00	39.39 -0.56 0.00	38.66 -0.47 0.00	37.02 -0.53 0.00	38.04 -0.31 0.00	43.53 -0.89 0.00	56.11 -1.68 0.00	65.50 -1.96 0.00	60.12 -1.80 0.00	58.40 -1.25 0.00	57.14 -1.47 0.00	57.10 -0.99 0.00	56.70 -1.28 0.00	58.45 -1.75 0.00	57.67 -1.72 0.00	64.65 -2.34 0.00	81.07 -2.94 0.00	102.79 -2.20 0.00	91.16 -2.15 0.00	79.26 -2.03 0.00	65.22 -1.95 0.00	58.88 -1.70 0.00	50.35 -1.50 0.00	48.55 -0.79 0.00
BENSHRST_27_KV_BENSHRST_1 355998	46.57 2.68 -0.01	42.35 2.40 -0.01	41.25 2.11 -0.01	39.59 2.03 -0.01	40.54 2.19 -0.01	47.32 2.89 -0.01	61.14 3.35 0.00	71.23 3.78 0.00	65.45 3.53 0.00	63.35 3.70 0.00	62.30 3.69 0.00	61.80 3.72 0.00	61.74 3.77 0.00	64.04 3.85 0.00	63.14 3.74 0.00	71.01 4.02 0.00	88.96 4.96 0.00	111.29 6.30 0.00	99.09 5.78 0.00	86.41 5.12 0.00	71.20 4.03 0.00	64.63 4.06 0.00	55.95 4.10 0.00	53.20 3.85 -0.01
BETHLEHEM___GRP 23843	44.06 0.18 0.00	40.19 0.24 0.00	39.36 0.23 0.00	37.81 0.26 0.00	38.69 0.35 0.00	44.82 0.40 0.00	58.19 0.40 0.00	68.06 0.61 0.00	62.23 0.31 0.00	59.95 0.30 0.00	59.08 0.47 0.00	58.38 0.29 0.00	58.38 0.41 0.00	60.67 0.48 0.00	59.93 0.53 0.00	67.73 0.74 0.00	84.93 0.92 0.00	105.41 0.42 0.00	93.87 0.56 0.00	81.78 0.49 0.00	67.77 0.60 0.00	61.06 0.48 0.00	52.37 0.52 0.00	49.74 0.39 0.00
BETHLEHEM___GS1 323560	44.06 0.18 0.00	40.19 0.24 0.00	39.37 0.24 0.00	37.81 0.26 0.00	38.69 0.34 0.00	44.87 0.44 0.00	58.19 0.41 0.00	68.06 0.61 0.00	62.23 0.31 0.00	59.96 0.30 0.00	59.07 0.47 0.00	58.44 0.35 0.00	58.38 0.41 0.00	60.67 0.48 0.00	59.93 0.53 0.00	67.80 0.81 0.00	84.76 0.75 0.00	105.63 0.63 0.00	94.05 0.74 0.00	81.86 0.57 0.00	67.70 0.53 0.00	61.12 0.54 0.00	52.37 0.52 0.00	49.74 0.39 0.00
BETHLEHEM___GS2 323561	44.06 0.18 0.00	40.19 0.24 0.00	39.37 0.24 0.00	37.81 0.26 0.00	38.69 0.34 0.00	44.87 0.44 0.00	58.19 0.41 0.00	68.06 0.61 0.00	62.23 0.31 0.00	59.96 0.30 0.00	59.07 0.47 0.00	58.44 0.35 0.00	58.38 0.41 0.00	60.67 0.48 0.00	59.93 0.53 0.00	67.80 0.81 0.00	84.76 0.75 0.00	105.63 0.63 0.00	94.05 0.74 0.00	81.86 0.57 0.00	67.70 0.53 0.00	61.12 0.54 0.00	52.37 0.52 0.00	49.74 0.39 0.00
BETHLEHEM___GS3 323562	44.06 0.18 0.00	40.19 0.24 0.00	39.37 0.24 0.00	37.81 0.26 0.00	38.69 0.34 0.00	44.87 0.44 0.00	58.19 0.41 0.00	68.06 0.61 0.00	62.23 0.31 0.00	59.96 0.30 0.00	59.07 0.47 0.00	58.44 0.35 0.00	58.38 0.41 0.00	60.67 0.48 0.00	59.93 0.53 0.00	67.80 0.81 0.00	84.76 0.75 0.00	105.63 0.63 0.00	94.05 0.74 0.00	81.86 0.57 0.00	67.70 0.53 0.00	61.12 0.54 0.00	52.37 0.52 0.00	49.74 0.39 0.00
BETHLEHEM___STEEL 23779	43.62 -0.26 0.00	39.31 -0.64 0.00	38.66 -0.47 0.00	36.99 -0.56 0.00	38.00 -0.35 0.00	43.13 -1.29 0.00	55.01 -2.77 0.00	63.74 -3.71 0.00	58.57 -3.34 0.00	57.03 -2.62 0.00	55.38 -3.22 0.00	55.53 -2.56 0.00	54.96 -3.01 0.00	56.58 -3.61 0.00	55.89 -3.50 0.00	62.44 -4.56 0.00	77.62 -6.38 0.00	99.54 -5.46 0.00	88.27 -5.04 0.00	76.58 -4.71 0.00	63.14 -4.03 0.00	57.00 -3.57 0.00	49.05 -2.80 0.00	47.66 -1.68 0.00
BETHLHEM_115KV_TB1 79974	44.10 0.22 0.00	40.23 0.28 0.00	39.44 0.31 0.00	37.85 0.30 0.00	38.73 0.38 0.00	44.91 0.49 0.00	58.31 0.52 0.00	68.19 0.74 0.00	62.35 0.43 0.00	60.07 0.42 0.00	59.19 0.59 0.00	58.49 0.41 0.00	58.50 0.52 0.00	60.73 0.54 0.00	60.05 0.65 0.00	67.80 0.80 0.00	85.10 1.09 0.00	105.62 0.63 0.00	94.05 0.75 0.00	81.94 0.65 0.00	67.91 0.74 0.00	61.18 0.61 0.00	52.48 0.62 0.00	49.84 0.49 0.00
BETHPAGE_CC_5 323564	46.12 2.24 0.00	41.90 1.96 0.00	40.62 1.49 0.00	39.01 1.46 0.00	40.11 1.76 0.00	46.73 2.31 0.00	59.63 1.85 0.00	70.48 2.90 -0.13	64.27 2.35 0.00	62.10 2.45 0.00	62.12 3.52 0.00	61.75 3.66 0.00	61.92 3.94 0.00	63.98 3.73 -0.05	63.03 3.62 -0.01	71.34 4.35 0.00	90.31 6.30 0.00	112.87 7.88 0.00	100.68 7.37 0.00	88.03 6.74 0.00	71.87 4.70 0.00	65.12 4.55 0.00	56.52 4.67 0.00	53.34 3.99 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.62 -0.26 0.00	39.35 -0.60 0.00	38.70 -0.43 0.00	37.02 -0.53 0.00	38.04 -0.31 0.00	43.18 -1.24 0.00	55.19 -2.60 0.00	63.94 -3.51 0.00	58.76 -3.16 0.00	57.15 -2.51 0.00	55.50 -3.11 0.00	55.65 -2.44 0.00	55.08 -2.90 0.00	56.70 -3.49 0.00	56.01 -3.39 0.00	62.57 -4.42 0.00	77.79 -6.22 0.00	99.85 -5.14 0.00	88.55 -4.76 0.00	76.74 -4.55 0.00	63.27 -3.90 0.00	57.12 -3.45 0.00	49.10 -2.75 0.00	47.76 -1.58 0.00
BINGHAMTON___COGEN 23790	44.02 0.13 0.00	39.99 0.04 0.00	39.25 0.12 0.00	37.59 0.04 0.00	38.50 0.15 0.00	44.65 0.22 0.00	57.90 0.12 0.00	67.92 0.47 0.00	62.23 0.31 0.00	59.95 0.30 0.00	58.84 0.23 0.00	58.49 0.41 0.00	58.21 0.23 0.00	60.31 0.12 0.00	59.46 0.06 0.00	66.99 0.00 0.00	84.01 0.00 0.00	105.73 0.73 0.00	93.96 0.65 0.00	81.78 0.49 0.00	67.51 0.34 0.00	60.82 0.24 0.00	52.06 0.21 0.00	49.64 0.30 0.00

BIXINCNT_115KV_LOAD 355685	43.62 -0.26 0.00	39.43 -0.52 0.00	38.78 -0.35 0.00	37.10 -0.45 0.00	38.07 -0.27 0.00	43.45 -0.98 0.00	55.88 -1.91 0.00	64.69 -2.77 0.00	59.56 -2.35 0.00	57.87 -1.79 0.00	56.03 -2.58 0.00	56.11 -1.97 0.00	55.42 -2.55 0.00	56.94 -3.25 0.00	56.07 -3.33 0.00	62.64 -4.35 0.00	77.96 -6.05 0.00	100.48 -4.51 0.00	89.01 -4.29 0.00	76.90 -4.39 0.00	63.21 -3.96 0.00	57.00 -3.57 0.00	49.05 -2.80 0.00	47.62 -1.73 0.00
BLACK RIVER___HYD 24047	43.84 -0.04 0.00	39.95 0.00 0.00	39.13 0.00 0.00	37.51 -0.04 0.00	38.54 0.19 0.00	44.82 0.40 0.00	58.65 0.87 0.00	68.80 1.35 0.00	62.90 0.99 0.00	59.78 0.12 0.00	59.07 0.47 0.00	58.44 0.35 0.00	58.09 0.12 0.00	60.19 0.00 0.00	59.22 -0.18 0.00	66.59 -0.40 0.00	84.26 0.25 0.00	106.98 1.99 0.00	94.71 1.40 0.00	82.59 1.30 0.00	67.91 0.74 0.00	61.42 0.85 0.00	52.17 0.31 0.00	49.69 0.35 0.00
BLACKRVR_115KV_TB2 79977	43.84 -0.04 0.00	39.95 0.00 0.00	39.13 0.00 0.00	37.51 -0.04 0.00	38.53 0.19 0.00	44.87 0.44 0.00	58.65 0.87 0.00	68.80 1.35 0.00	62.91 0.99 0.00	59.78 0.12 0.00	59.08 0.47 0.00	58.49 0.41 0.00	58.09 0.12 0.00	60.19 0.00 0.00	59.22 -0.18 0.00	66.66 -0.33 0.00	84.34 0.34 0.00	107.09 2.10 0.00	94.89 1.59 0.00	82.67 1.38 0.00	67.98 0.81 0.00	61.42 0.85 0.00	52.16 0.31 0.00	49.69 0.35 0.00
BLDWN_LI_69_KV_BK4 356085	46.17 2.28 0.00	41.94 2.00 0.00	40.70 1.57 0.00	39.09 1.54 0.00	40.15 1.80 0.00	46.78 2.35 0.00	59.87 2.08 0.00	70.49 3.04 0.00	64.39 2.48 0.00	62.22 2.57 0.00	62.12 3.52 0.00	61.63 3.54 0.00	61.92 3.94 0.00	63.98 3.79 0.00	63.08 3.68 0.00	70.74 3.75 0.00	88.04 4.03 0.00	110.03 5.04 0.00	98.07 4.76 0.00	85.84 4.55 0.00	70.59 3.43 0.00	64.39 3.82 0.00	56.26 4.41 0.00	53.14 3.80 0.00
BLISS_WT_PWR 323608	43.58 -0.31 0.00	39.35 -0.60 0.00	38.74 -0.39 0.00	37.10 -0.45 0.00	38.08 -0.27 0.00	43.45 -0.98 0.00	55.88 -1.91 0.00	64.75 -2.70 0.00	59.56 -2.35 0.00	57.87 -1.79 0.00	56.03 -2.58 0.00	55.82 -2.27 0.00	55.37 -2.61 0.00	56.88 -3.31 0.00	55.95 -3.45 0.00	61.70 -5.29 0.00	77.28 -6.72 0.00	99.64 -5.35 0.00	87.24 -6.06 0.00	75.84 -5.45 0.00	62.47 -4.70 0.00	56.88 -3.70 0.00	48.84 -3.01 0.00	47.47 -1.87 0.00
BLUESTONE___WT_PWR 323821	45.42 1.54 0.00	41.31 1.36 0.00	40.50 1.37 0.00	38.83 1.28 0.00	39.92 1.57 0.00	46.51 2.09 0.00	60.67 2.89 0.00	71.29 3.84 0.00	65.44 3.53 0.00	62.58 2.92 0.00	61.71 3.10 0.00	61.16 3.08 0.00	60.64 2.67 0.00	62.78 2.59 0.00	61.71 2.31 0.00	69.47 2.48 0.00	87.70 3.69 0.00	112.14 7.14 0.00	98.81 5.50 0.00	86.08 4.79 0.00	70.86 3.69 0.00	63.30 2.73 0.00	53.87 2.02 0.00	51.37 2.02 0.00
BLUE_CIRC_CHEM_DRP 24182	44.54 0.66 0.00	40.63 0.68 0.00	39.80 0.67 0.00	38.23 0.68 0.00	39.07 0.73 0.00	45.31 0.89 0.00	58.94 1.16 0.00	68.87 1.42 0.00	62.97 1.05 0.00	60.61 0.95 0.00	59.66 1.05 0.00	58.96 0.87 0.00	58.96 0.99 0.00	61.21 1.02 0.00	60.53 1.13 0.00	68.33 1.34 0.00	85.86 1.85 0.00	106.78 1.78 0.00	94.99 1.68 0.00	82.83 1.54 0.00	68.58 1.41 0.00	61.85 1.27 0.00	53.05 1.19 0.00	50.43 1.09 0.00
BOC_GAS_DRP 24189	44.28 0.39 0.00	40.35 0.40 0.00	39.52 0.39 0.00	37.93 0.38 0.00	38.80 0.46 0.00	45.00 0.58 0.00	58.54 0.75 0.00	68.46 1.01 0.00	62.60 0.68 0.00	60.37 0.72 0.00	59.43 0.82 0.00	58.78 0.70 0.00	58.73 0.75 0.00	61.03 0.84 0.00	60.29 0.89 0.00	68.00 1.00 0.00	85.27 1.26 0.00	106.04 1.05 0.00	94.33 1.03 0.00	82.27 0.98 0.00	68.11 0.94 0.00	61.42 0.85 0.00	52.68 0.83 0.00	50.08 0.74 0.00
BOONVILLE_115KV_TB1 79983	44.50 0.61 0.00	40.55 0.60 0.00	39.72 0.59 0.00	38.11 0.56 0.00	39.07 0.73 0.00	45.40 0.98 0.00	59.29 1.50 0.00	69.41 1.96 0.00	63.77 1.86 0.00	61.03 1.37 0.00	60.19 1.58 0.00	59.54 1.45 0.00	59.25 1.28 0.00	61.45 1.26 0.00	60.53 1.13 0.00	68.06 1.07 0.00	85.69 1.68 0.00	107.83 2.83 0.00	95.55 2.24 0.00	83.24 1.95 0.00	68.58 1.41 0.00	61.97 1.39 0.00	52.79 0.93 0.00	50.28 0.94 0.00
BORALEX_4TH_BRANCH 23824	44.98 1.10 0.00	41.03 1.08 0.00	40.23 1.10 0.00	38.68 1.13 0.00	39.57 1.23 0.00	45.89 1.47 0.00	59.87 2.08 0.00	69.95 2.50 0.00	63.59 1.67 0.00	61.33 1.67 0.00	60.36 1.76 0.00	59.48 1.39 0.00	59.48 1.51 0.00	61.94 1.75 0.00	61.53 2.14 0.00	69.60 2.61 0.00	87.20 3.19 0.00	107.51 2.52 0.00	95.92 2.61 0.00	83.48 2.19 0.00	69.65 2.49 0.00	62.27 1.70 0.00	53.51 1.66 0.00	50.82 1.48 0.00
BOWLINE___1 23526	45.38 1.49 0.00	41.31 1.36 0.00	40.30 1.17 0.00	38.68 1.13 0.00	39.61 1.26 0.00	46.20 1.78 0.00	60.10 2.31 0.00	70.49 3.04 0.00	64.58 2.66 0.00	62.28 2.62 0.00	61.36 2.76 0.00	60.93 2.85 0.00	60.81 2.84 0.00	63.08 2.89 0.00	62.19 2.79 0.00	70.14 3.15 0.00	88.29 4.28 0.00	110.24 5.25 0.00	98.25 4.94 0.00	85.60 4.31 0.00	70.39 3.22 0.00	63.78 3.21 0.00	54.65 2.80 0.00	51.81 2.47 0.00
BOWLINE___2 23595	45.38 1.49 0.00	41.31 1.36 0.00	40.30 1.17 0.00	38.68 1.13 0.00	39.61 1.26 0.00	46.20 1.78 0.00	60.10 2.31 0.00	70.49 3.04 0.00	64.58 2.66 0.00	62.28 2.62 0.00	61.36 2.76 0.00	60.93 2.85 0.00	60.81 2.84 0.00	63.08 2.89 0.00	62.19 2.79 0.00	70.14 3.15 0.00	88.29 4.28 0.00	110.24 5.25 0.00	98.25 4.94 0.00	85.60 4.31 0.00	70.39 3.22 0.00	63.78 3.21 0.00	54.65 2.80 0.00	51.81 2.47 0.00
BRADY___115KV_TB2 356060	45.51 1.62 0.00	41.43 1.48 0.00	40.62 1.49 0.00	38.90 1.35 0.00	39.61 1.27 0.00	45.84 1.42 0.00	59.87 2.08 0.00	69.48 2.02 0.00	63.77 1.86 0.00	61.21 1.55 0.00	59.90 1.29 0.00	59.36 1.28 0.00	59.31 1.33 0.00	61.45 1.26 0.00	60.58 1.19 0.00	68.13 1.14 0.00	85.52 1.51 0.00	107.51 2.52 0.00	95.27 1.96 0.00	83.08 1.79 0.00	68.65 1.48 0.00	62.15 1.57 0.00	52.99 1.14 0.00	50.53 1.18 0.00
BRANSCOMB___SOLAR 323811	45.38 1.49 0.00	41.38 1.44 0.00	40.54 1.41 0.00	38.98 1.43 0.00	39.88 1.54 0.00	46.38 1.95 0.00	60.39 2.60 0.00	70.01 2.56 0.00	63.90 1.98 0.00	61.27 1.61 0.00	60.36 1.76 0.00	59.66 1.57 0.00	59.66 1.68 0.00	61.87 1.68 0.00	61.18 1.78 0.00	69.27 2.28 0.00	86.78 2.77 0.00	108.45 3.46 0.00	96.57 3.26 0.00	83.97 2.68 0.00	69.52 2.35 0.00	62.69 2.12 0.00	54.24 2.39 0.00	51.46 2.12 0.00
BRDGHMPT_69_KV_BK1 55812	46.69 2.81 0.00	42.42 2.48 0.00	41.05 1.92 0.00	39.43 1.88 0.00	40.61 2.26 0.00	47.27 2.84 0.00	60.10 2.31 0.00	71.85 3.57 -0.82	64.47 2.54 -0.01	62.47 2.80 -0.01	62.83 4.22 0.00	61.98 3.89 0.00	62.55 4.58 0.00	64.80 4.27 -0.33	63.56 4.10 -0.07	71.01 4.02 0.00	87.87 3.86 0.00	109.91 4.72 -0.19	97.60 4.29 0.00	85.36 4.06 -0.01	69.65 2.49 0.00	64.15 3.57 0.00	56.31 4.46 0.00	53.39 4.05 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	46.39 2.50 0.00	42.14 2.20 0.00	40.85 1.72 0.00	39.24 1.69 0.00	40.38 2.03 0.00	47.00 2.58 0.00	59.87 2.08 0.00	71.44 3.24 -0.75	64.34 2.41 -0.01	62.17 2.51 -0.01	62.30 3.69 0.00	61.75 3.66 0.00	62.21 4.23 0.00	64.53 4.03 -0.30	63.38 3.92 -0.06	70.88 3.89 0.00	88.04 4.03 0.00	110.20 5.04 -0.17	97.88 4.57 0.00	86.01 4.71 -0.01	70.33 3.16 0.00	64.45 3.88 0.00	56.68 4.82 0.00	53.49 4.14 0.00
BRISTLHL_115KV_TB1 79998	42.48 -1.40 0.00	38.67 -1.28 0.00	37.92 -1.21 0.00	36.39 -1.16 0.00	37.23 -1.11 0.00	43.13 -1.29 0.00	56.05 -1.73 0.00	65.63 -1.82 0.00	60.25 -1.67 0.00	57.99 -1.67 0.00	57.02 -1.58 0.00	56.58 -1.51 0.00	56.41 -1.57 0.00	58.51 -1.69 0.00	57.61 -1.78 0.00	65.05 -1.94 0.00	81.57 -2.44 0.00	102.37 -2.62 0.00	91.07 -2.24 0.00	79.26 -2.03 0.00	65.42 -1.75 0.00	58.94 -1.64 0.00	50.45 -1.40 0.00	47.96 -1.38 0.00
BROOKHAVEN___DRP 24191	46.25 2.37 0.00	41.98 2.04 0.00	40.66 1.53 0.00	39.05 1.50 0.00	40.18 1.84 0.00	46.78 2.35 0.00	59.52 1.73 0.00	71.11 2.83 -0.83	63.72 1.80 -0.01	61.64 1.97 -0.01	61.83 3.22 0.00	61.22 3.14 0.00	61.92 3.94 0.00	64.20 3.67 -0.33	63.03 3.56 -0.07	70.41 3.42 0.00	87.03 3.02 0.00	109.18 3.99 -0.20	97.04 3.73 0.00	84.88 3.58 -0.01	69.45 2.28 0.00	63.97 3.39 0.00	56.31 4.46 0.00	53.14 3.80 0.00
BROOKLYN_NAVY_YARD 23515	45.86 1.98 0.00	41.70 1.76 0.00	40.62 1.49 0.00	38.94 1.39 0.00	39.92 1.57 0.00	46.64 2.22 0.00	60.73 2.95 0.00	71.29 3.84 0.00	65.32 3.40 0.00	63.11 3.46 0.00	62.18 3.58 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.92 3.73 0.00	62.96 3.56 0.00	71.01 4.02 0.00	89.39 5.38 0.00	111.51 6.51 0.00	99.56 6.25 0.00	86.65 5.36 0.00	71.20 4.03 0.00	64.57 4.00 0.00	55.27 3.42 0.00	52.40 3.06 0.00
BROOKLYN___ARMY_DRP 323595	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
BROOME_2_LFGE 323671	44.02 0.13 0.00	39.99 0.04 0.00	39.25 0.12 0.00	37.59 0.04 0.00	38.50 0.15 0.00	44.69 0.27 0.00	57.96 0.17 0.00	67.93 0.48 0.00	62.23 0.31 0.00	59.96 0.30 0.00	58.84 0.24 0.00	58.44 0.35 0.00	58.21 0.23 0.00	60.31 0.12 0.00	59.46 0.06 0.00	66.86 -0.13 0.00	84.01 0.00 0.00	105.74 0.74 0.00	93.68 0.37 0.00	81.62 0.33 0.00	67.44 0.27 0.00	60.88 0.30 0.00	52.06 0.21 0.00	49.64 0.30 0.00
BROOME___LFGE 323600	44.02 0.13 0.00	39.99 0.04 0.00	39.25 0.12 0.00	37.59 0.04 0.00	38.50 0.15 0.00	44.69 0.27 0.00	57.96 0.17 0.00	67.93 0.48 0.00	62.23 0.31 0.00	59.96 0.30 0.00	58.84 0.24 0.00	58.44 0.35 0.00	58.21 0.23 0.00	60.31 0.12 0.00	59.46 0.06 0.00	66.86 -0.13 0.00	84.01 0.00 0.00	105.74 0.74 0.00	93.68 0.37 0.00	81.62 0.33 0.00	67.44 0.27 0.00	60.88 0.30 0.00	52.06 0.21 0.00	49.64 0.30 0.00
BROWNFLS_115KV_TB_3_5 80003	44.41 0.53 0.00	40.47 0.52 0.00	39.64 0.51 0.00	38.00 0.45 0.00	38.76 0.42 0.00	44.96 0.53 0.00	58.71 0.92 0.00	68.46 1.01 0.00	62.78 0.87 0.00	60.07 0.42 0.00	59.08 0.47 0.00	58.55 0.46 0.00	58.38 0.41 0.00	60.49 0.30 0.00	59.52 0.12 0.00	66.59 -0.40 0.00	83.67 -0.34 0.00	105.31 0.31 0.00	93.21 -0.09 0.00	81.37 0.08 0.00	67.17 0.00 0.00	60.94 0.36 0.00	51.96 0.10 0.00	49.49 0.15 0.00
BROWNSV1_27_KV_LOAD 356125	46.25 2.37 0.00	42.06 2.12 0.00	40.97 1.84 0.00	39.28 1.73 0.00	40.26 1.92 0.00	47.00 2.58 0.00	61.25 3.47 0.00	71.84 4.38 0.00	65.88 3.96 0.00	63.65 4.00 0.00	62.65 4.04 0.00	62.15 4.07 0.00	62.09 4.12 0.00	64.40 4.21 0.00	63.49 4.10 0.00	71.41 4.42 0.00	89.64 5.63 0.00	112.03 7.03 0.00	99.74 6.44 0.00	86.90 5.61 0.00	71.54 4.37 0.00	64.81 4.24 0.00	55.69 3.84 0.00	52.80 3.45 0.00
BURROWS___LYONSDAL 23803	44.41 0.53 0.00	40.47 0.52 0.00	39.64 0.51 0.00	38.04 0.49 0.00	38.99 0.65 0.00	45.31 0.89 0.00	59.17 1.39 0.00	69.27 1.82 0.00	63.65 1.73 0.00	60.85 1.19 0.00	60.07 1.47 0.00	59.36 1.28 0.00	59.02 1.04 0.00	61.27 1.08 0.00	60.29 0.89 0.00	67.66 0.67 0.00	85.27 1.26 0.00	107.41 2.41 0.00	95.17 1.87 0.00	82.92 1.63 0.00	68.31 1.14 0.00	61.73 1.15 0.00	52.58 0.73 0.00	50.03 0.69 0.00
CAITHNESS_CC_1 323624	46.12 2.24 0.00	41.90 1.96 0.00	40.58 1.45 0.00	38.98 1.43 0.00	40.11 1.76 0.00	46.73 2.31 0.00	59.23 1.45 0.00	70.92 2.63 -0.84	63.66 1.73 -0.01	61.58 1.91 -0.01	61.77 3.16 0.00	61.40 3.31 0.00	61.80 3.83 0.00	64.08 3.55 -0.34	62.91 3.44 -0.07	71.22 4.22 0.00	90.39 6.38 0.00	113.39 8.19 -0.20	100.86 7.55 0.00	88.29 6.99 -0.01	71.87 4.70 0.00	65.12 4.55 0.00	56.62 4.77 0.00	53.44 4.09 0.00
CALPINE BETH_PAGE_GT4 24209	46.03 2.15 0.00	41.82 1.88 0.00	40.54 1.41 0.00	38.94 1.39 0.00	40.03 1.69 0.00	46.60 2.18 0.00	59.64 1.85 0.00	70.34 2.83 -0.05	64.15 2.23 0.00	62.04 2.39 0.00	62.01 3.40 0.00	61.51 3.43 0.00	61.80 3.83 0.00	63.82 3.61 -0.02	62.91 3.50 0.00	70.61 3.62 0.00	87.87 3.86 0.00	109.93 4.93 0.00	97.88 4.57 0.00	85.68 4.39 0.00	70.26 3.09 0.00	64.15 3.57 0.00	56.16 4.30 0.00	52.99 3.65 0.00
CALPINE_BETH_PAGE_GT_4 323586	46.03 2.15 0.00	41.83 1.88 0.00	40.54 1.41 0.00	38.94 1.39 0.00	40.03 1.69 0.00	46.64 2.22 0.00	59.52 1.73 0.00	70.34 2.83 -0.05	64.14 2.23 0.00	62.05 2.39 0.00	62.00 3.40 0.00	61.69 3.60 0.00	61.80 3.83 0.00	63.82 3.61 -0.02	62.90 3.50 0.00	71.22 4.22 0.00	90.14 6.13 0.00	112.66 7.66 0.00	100.49 7.19 0.00	87.87 6.58 0.00	71.80 4.63 0.00	64.99 4.42 0.00	56.42 4.56 0.00	53.24 3.90 0.00
CALPINE_BP_GT1 23823	46.03 2.15 0.00	41.83 1.88 0.00	40.54 1.41 0.00	38.94 1.39 0.00	40.03 1.69 0.00	46.64 2.22 0.00	59.52 1.73 0.00	70.34 2.83 -0.05	64.14 2.23 0.00	62.05 2.39 0.00	62.00 3.40 0.00	61.69 3.60 0.00	61.80 3.83 0.00	63.82 3.61 -0.02	62.90 3.50 0.00	71.22 4.22 0.00	90.14 6.13 0.00	112.66 7.66 0.00	100.49 7.19 0.00	87.87 6.58 0.00	71.80 4.63 0.00	64.99 4.42 0.00	56.42 4.56 0.00	53.24 3.90 0.00
CALSPAN___DRP 24200	43.62 -0.26 0.00	39.31 -0.64 0.00	38.66 -0.47 0.00	36.99 -0.56 0.00	38.00 -0.35 0.00	43.13 -1.29 0.00	55.01 -2.77 0.00	63.74 -3.71 0.00	58.57 -3.34 0.00	57.03 -2.62 0.00	55.38 -3.22 0.00	55.53 -2.56 0.00	54.96 -3.01 0.00	56.58 -3.61 0.00	55.89 -3.50 0.00	62.44 -4.56 0.00	77.62 -6.38 0.00	99.54 -5.46 0.00	88.27 -5.04 0.00	76.58 -4.71 0.00	63.14 -4.03 0.00	57.00 -3.57 0.00	49.05 -2.80 0.00	47.66 -1.68 0.00

CALVERTON___SOLAR 323806	46.34 2.46 0.00	42.10 2.16 0.00	40.77 1.64 0.00	39.16 1.61 0.00	40.30 1.95 0.00	46.95 2.53 0.00	59.58 1.79 0.00	71.24 2.96 -0.82	63.85 1.92 -0.01	61.75 2.09 -0.01	62.00 3.40 0.00	61.57 3.48 0.00	62.09 4.12 0.00	64.38 3.86 -0.33	63.21 3.74 -0.07	71.61 4.62 0.00	90.98 6.97 0.00	114.11 8.92 -0.20	101.52 8.21 0.00	88.77 7.47 -0.01	72.27 5.10 0.00	65.48 4.90 0.00	56.88 5.03 0.00	53.63 4.29 0.00
CANDIGU_WT_PWR 323617	43.62 -0.26 0.00	39.39 -0.56 0.00	38.82 -0.31 0.00	37.10 -0.45 0.00	38.04 -0.31 0.00	43.71 -0.71 0.00	56.05 -1.73 0.00	65.43 -2.02 0.00	59.75 -2.17 0.00	57.69 -1.97 0.00	56.03 -2.58 0.00	55.82 -2.27 0.00	55.48 -2.49 0.00	57.18 -3.01 0.00	56.37 -3.03 0.00	62.43 -4.56 0.00	78.21 -5.80 0.00	100.27 -4.72 0.00	88.17 -5.13 0.00	76.98 -4.31 0.00	63.75 -3.42 0.00	57.85 -2.72 0.00	49.52 -2.33 0.00	47.86 -1.48 0.00
CARR STREET_E_SYR 24060	43.01 -0.88 0.00	39.11 -0.84 0.00	38.35 -0.78 0.00	36.80 -0.75 0.00	37.65 -0.69 0.00	43.67 -0.76 0.00	56.57 -1.22 0.00	66.24 -1.21 0.00	60.80 -1.11 0.00	58.52 -1.14 0.00	57.61 -1.00 0.00	57.10 -0.99 0.00	56.99 -0.99 0.00	59.11 -1.08 0.00	58.21 -1.19 0.00	65.58 -1.41 0.00	82.33 -1.68 0.00	103.42 -1.57 0.00	91.63 -1.68 0.00	79.91 -1.38 0.00	65.96 -1.21 0.00	59.49 -1.09 0.00	51.02 -0.83 0.00	48.55 -0.79 0.00
CARTHAGE___PAPER 23857	44.10 0.22 0.00	40.19 0.24 0.00	39.37 0.24 0.00	37.74 0.19 0.00	38.69 0.34 0.00	45.00 0.58 0.00	58.83 1.04 0.00	68.93 1.48 0.00	63.03 1.12 0.00	60.02 0.36 0.00	59.19 0.59 0.00	58.61 0.52 0.00	58.32 0.35 0.00	60.43 0.24 0.00	59.46 0.06 0.00	66.73 -0.27 0.00	84.35 0.34 0.00	106.78 1.78 0.00	94.61 1.31 0.00	82.51 1.22 0.00	67.91 0.74 0.00	61.42 0.85 0.00	52.22 0.37 0.00	49.69 0.35 0.00
CASSADAGA_WT_PWR 323784	43.67 -0.22 0.00	39.35 -0.60 0.00	38.86 -0.27 0.00	37.17 -0.38 0.00	38.23 -0.11 0.00	43.62 -0.80 0.00	56.05 -1.73 0.00	65.03 -2.43 0.00	59.88 -2.04 0.00	58.17 -1.49 0.00	56.32 -2.29 0.00	56.17 -1.92 0.00	55.89 -2.08 0.00	57.42 -2.77 0.00	56.78 -2.61 0.00	62.57 -4.42 0.00	78.29 -5.72 0.00	100.79 -4.20 0.00	88.27 -5.04 0.00	76.82 -4.47 0.00	63.41 -3.76 0.00	57.73 -2.85 0.00	49.52 -2.33 0.00	48.06 -1.28 0.00
CE_DUNWOOD___DRP 24194	45.55 1.67 0.00	41.47 1.52 0.00	40.42 1.29 0.00	38.83 1.28 0.00	39.76 1.42 0.00	46.38 1.95 0.00	60.33 2.54 0.00	70.82 3.37 0.00	64.89 2.97 0.00	62.64 2.98 0.00	61.71 3.11 0.00	61.22 3.14 0.00	61.16 3.19 0.00	63.44 3.25 0.00	62.54 3.15 0.00	70.41 3.42 0.00	88.29 4.28 0.00	110.35 5.35 0.00	98.25 4.95 0.00	85.60 4.31 0.00	70.53 3.36 0.00	63.91 3.33 0.00	54.86 3.01 0.00	52.06 2.71 0.00
CE_MILLWOOD___DRP 24193	45.51 1.62 0.00	41.43 1.48 0.00	40.38 1.25 0.00	38.79 1.24 0.00	39.69 1.34 0.00	46.29 1.87 0.00	60.27 2.48 0.00	70.69 3.24 0.00	64.76 2.85 0.00	62.52 2.86 0.00	61.60 2.99 0.00	61.11 3.02 0.00	61.05 3.07 0.00	63.32 3.13 0.00	62.43 3.03 0.00	70.27 3.28 0.00	88.12 4.12 0.00	110.14 5.14 0.00	98.07 4.76 0.00	85.52 4.23 0.00	70.39 3.22 0.00	63.78 3.21 0.00	54.76 2.90 0.00	51.96 2.62 0.00
CE_NYC2_DRP 24202	46.22 2.33 -0.01	42.07 2.12 -0.01	40.98 1.84 -0.01	39.32 1.76 -0.01	40.27 1.92 -0.01	47.01 2.58 -0.01	60.91 3.12 0.00	71.09 3.64 0.00	65.32 3.41 0.00	63.18 3.52 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.81 3.82 0.00	88.71 4.70 0.00	110.87 5.88 0.00	98.62 5.32 0.00	85.92 4.63 0.00	70.86 3.69 0.00	64.33 3.76 0.00	55.53 3.68 0.00	52.75 3.40 -0.01
CE_NYC_DRP 24195	45.99 2.11 0.00	41.86 1.92 0.00	40.77 1.64 0.00	39.09 1.54 0.00	40.07 1.73 0.00	46.73 2.31 0.00	60.91 3.12 0.00	71.43 3.98 0.00	65.51 3.59 0.00	63.29 3.64 0.00	62.36 3.75 0.00	61.80 3.72 0.00	61.80 3.83 0.00	64.04 3.85 0.00	63.14 3.74 0.00	71.01 4.02 0.00	89.13 5.12 0.00	111.40 6.40 0.00	99.09 5.78 0.00	86.33 5.04 0.00	71.07 3.90 0.00	64.39 3.82 0.00	55.38 3.53 0.00	52.50 3.16 0.00
CHAFFEE___LFGE 323603	43.67 -0.22 0.00	39.27 -0.68 0.00	38.70 -0.43 0.00	37.02 -0.53 0.00	38.04 -0.31 0.00	43.23 -1.20 0.00	55.19 -2.60 0.00	63.94 -3.51 0.00	58.82 -3.09 0.00	57.27 -2.39 0.00	55.56 -3.05 0.00	55.36 -2.73 0.00	55.14 -2.84 0.00	56.82 -3.37 0.00	56.07 -3.33 0.00	61.97 -5.03 0.00	77.62 -6.39 0.00	99.64 -5.35 0.00	87.33 -5.97 0.00	76.25 -5.04 0.00	63.07 -4.10 0.00	57.24 -3.33 0.00	49.15 -2.70 0.00	47.76 -1.58 0.00
CHATEAUG_35_KV_LOAD 355732	44.72 0.83 0.00	40.71 0.76 0.00	39.91 0.78 0.00	38.19 0.64 0.00	38.76 0.42 0.00	44.65 0.22 0.00	57.90 0.12 0.00	67.05 -0.40 0.00	61.79 -0.12 0.00	59.60 -0.06 0.00	58.31 -0.29 0.00	57.80 -0.29 0.00	57.74 -0.23 0.00	59.89 -0.30 0.00	59.10 -0.30 0.00	66.59 -0.40 0.00	83.42 -0.59 0.00	104.36 -0.63 0.00	92.28 -1.03 0.00	80.23 -1.06 0.00	66.16 -1.01 0.00	59.61 -0.97 0.00	50.97 -0.88 0.00	48.60 -0.74 0.00
CHATEAUG_WT_PWR 323614	44.54 0.66 0.00	40.55 0.60 0.00	39.75 0.62 0.00	38.08 0.53 0.00	38.65 0.31 0.00	44.29 -0.13 0.00	57.38 -0.40 0.00	66.78 -0.67 0.00	61.55 -0.37 0.00	59.42 -0.24 0.00	58.20 -0.41 0.00	57.68 -0.40 0.00	57.63 -0.35 0.00	59.71 -0.48 0.00	58.92 -0.48 0.00	66.45 -0.54 0.00	83.09 -0.92 0.00	103.63 -1.37 0.00	91.91 -1.40 0.00	79.83 -1.46 0.00	65.89 -1.28 0.00	59.18 -1.39 0.00	50.82 -1.04 0.00	48.50 -0.84 0.00
CHAT_HIGH_FALL_HYD 323578	44.72 0.83 0.00	40.71 0.76 0.00	39.91 0.78 0.00	38.19 0.64 0.00	38.76 0.42 0.00	44.65 0.22 0.00	57.90 0.12 0.00	67.05 -0.40 0.00	61.79 -0.12 0.00	59.60 -0.06 0.00	58.31 -0.29 0.00	57.80 -0.29 0.00	57.74 -0.23 0.00	59.89 -0.30 0.00	59.10 -0.30 0.00	66.59 -0.40 0.00	83.42 -0.59 0.00	104.36 -0.63 0.00	92.28 -1.03 0.00	80.23 -1.06 0.00	66.16 -1.01 0.00	59.61 -0.97 0.00	50.97 -0.88 0.00	48.60 -0.74 0.00
CHAUTAUQUA___LFGE 323629	43.84 -0.04 0.00	39.47 -0.48 0.00	38.94 -0.19 0.00	37.25 -0.30 0.00	38.27 -0.08 0.00	43.62 -0.80 0.00	55.82 -1.96 0.00	64.82 -2.63 0.00	59.50 -2.42 0.00	57.81 -1.85 0.00	56.09 -2.52 0.00	55.88 -2.21 0.00	55.65 -2.32 0.00	57.24 -2.95 0.00	56.55 -2.85 0.00	62.43 -4.56 0.00	78.21 -5.80 0.00	100.59 -4.41 0.00	88.08 -5.22 0.00	76.90 -4.39 0.00	63.54 -3.63 0.00	57.67 -2.91 0.00	49.47 -2.38 0.00	48.06 -1.28 0.00
CHERRYST_13_KV_LD 356241	46.12 2.24 0.00	41.94 2.00 0.00	40.89 1.76 0.00	39.20 1.65 0.00	40.15 1.80 0.00	46.87 2.44 0.00	61.08 3.29 0.00	71.63 4.18 0.00	65.69 3.78 0.00	63.47 3.82 0.00	62.53 3.93 0.00	62.04 3.95 0.00	61.98 4.00 0.00	64.28 4.09 0.00	63.32 3.92 0.00	71.28 4.29 0.00	89.38 5.38 0.00	111.71 6.72 0.00	99.37 6.06 0.00	86.57 5.28 0.00	71.27 4.10 0.00	64.57 4.00 0.00	55.48 3.63 0.00	52.65 3.31 0.00

CHESTROR_138KV_BK263 355645	45.20 1.32 0.00	41.19 1.24 0.00	40.19 1.06 0.00	38.60 1.05 0.00	39.49 1.15 0.00	45.98 1.55 0.00	59.87 2.08 0.00	70.15 2.70 0.00	64.27 2.35 0.00	61.98 2.33 0.00	61.01 2.40 0.00	60.53 2.44 0.00	60.41 2.43 0.00	62.72 2.53 0.00	61.83 2.44 0.00	69.67 2.68 0.00	87.45 3.44 0.00	109.30 4.30 0.00	97.32 4.01 0.00	84.79 3.50 0.00	69.86 2.69 0.00	63.30 2.73 0.00	54.29 2.44 0.00	51.56 2.22 0.00
CH_MIDHUDSON___DRP 24192	45.33 1.45 0.00	41.31 1.36 0.00	40.26 1.13 0.00	38.71 1.16 0.00	39.57 1.23 0.00	46.11 1.69 0.00	60.04 2.25 0.00	70.42 2.97 0.00	64.52 2.60 0.00	62.22 2.57 0.00	61.24 2.64 0.00	60.76 2.67 0.00	60.70 2.72 0.00	63.02 2.83 0.00	62.13 2.73 0.00	69.94 2.95 0.00	87.79 3.78 0.00	109.72 4.72 0.00	97.69 4.39 0.00	85.19 3.90 0.00	70.12 2.96 0.00	63.54 2.97 0.00	54.55 2.70 0.00	51.71 2.37 0.00
CH_MISC_IPPS 23765	45.55 1.67 0.00	41.46 1.52 0.00	40.46 1.33 0.00	38.90 1.35 0.00	39.76 1.42 0.00	46.38 1.95 0.00	60.39 2.60 0.00	70.82 3.37 0.00	64.89 2.97 0.00	62.52 2.86 0.00	61.54 2.93 0.00	61.10 3.02 0.00	60.99 3.01 0.00	63.32 3.13 0.00	62.42 3.03 0.00	70.41 3.41 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.90 5.60 0.00	86.08 4.79 0.00	70.66 3.49 0.00	64.15 3.57 0.00	54.86 3.01 0.00	52.00 2.66 0.00
CH_RES_BVR_FALLS 23983	44.02 0.13 0.00	40.07 0.12 0.00	39.29 0.16 0.00	37.66 0.11 0.00	38.42 0.08 0.00	44.42 0.00 0.00	57.84 0.06 0.00	67.45 0.00 0.00	61.98 0.06 0.00	59.72 0.06 0.00	58.61 0.00 0.00	58.09 0.00 0.00	57.97 0.00 0.00	60.13 -0.06 0.00	59.34 -0.06 0.00	66.93 -0.07 0.00	83.84 -0.17 0.00	104.68 -0.31 0.00	93.03 -0.28 0.00	80.97 -0.32 0.00	66.90 -0.27 0.00	60.27 -0.30 0.00	51.60 -0.26 0.00	49.05 -0.29 0.00
CH_RES_NIAGARA 23895	43.09 -0.79 0.00	38.83 -1.12 0.00	38.15 -0.98 0.00	36.54 -1.01 0.00	37.50 -0.84 0.00	41.76 -2.67 0.00	52.99 -4.80 0.00	61.25 -6.21 0.00	56.28 -5.63 0.00	54.94 -4.71 0.00	53.39 -5.22 0.00	53.50 -4.59 0.00	52.99 -4.99 0.00	54.59 -5.60 0.00	53.99 -5.41 0.00	60.29 -6.70 0.00	74.85 -9.16 0.00	95.44 -9.55 0.00	84.82 -8.49 0.00	73.65 -7.64 0.00	60.92 -6.25 0.00	55.06 -5.51 0.00	47.39 -4.46 0.00	46.23 -3.11 0.00
CH_RES_SYRACUSE 23985	43.23 -0.66 0.00	39.31 -0.64 0.00	38.58 -0.55 0.00	36.99 -0.56 0.00	37.88 -0.46 0.00	43.94 -0.49 0.00	57.03 -0.75 0.00	66.84 -0.61 0.00	61.36 -0.56 0.00	59.06 -0.60 0.00	58.14 -0.47 0.00	57.62 -0.47 0.00	57.51 -0.47 0.00	59.65 -0.54 0.00	58.74 -0.65 0.00	66.26 -0.74 0.00	83.17 -0.84 0.00	104.47 -0.52 0.00	92.56 -0.75 0.00	80.72 -0.57 0.00	66.63 -0.54 0.00	60.03 -0.55 0.00	51.39 -0.47 0.00	48.85 -0.49 0.00
CLINTON_WT_PWR 323605	44.54 0.66 0.00	40.55 0.60 0.00	39.75 0.62 0.00	38.08 0.53 0.00	38.65 0.31 0.00	44.29 -0.13 0.00	57.38 -0.40 0.00	66.78 -0.67 0.00	61.55 -0.37 0.00	59.42 -0.24 0.00	58.20 -0.41 0.00	57.68 -0.40 0.00	57.63 -0.35 0.00	59.71 -0.48 0.00	58.92 -0.48 0.00	66.45 -0.54 0.00	83.09 -0.92 0.00	103.63 -1.37 0.00	91.91 -1.40 0.00	79.83 -1.46 0.00	65.89 -1.28 0.00	59.18 -1.39 0.00	50.82 -1.04 0.00	48.50 -0.84 0.00
CLINTON___LFGE 323618	45.02 1.14 0.00	40.95 1.00 0.00	40.19 1.06 0.00	38.45 0.90 0.00	39.03 0.69 0.00	44.47 0.04 0.00	57.44 -0.34 0.00	66.78 -0.67 0.00	61.49 -0.43 0.00	59.36 -0.30 0.00	58.08 -0.53 0.00	57.56 -0.52 0.00	57.51 -0.47 0.00	59.59 -0.60 0.00	58.80 -0.59 0.00	66.32 -0.67 0.00	83.00 -1.00 0.00	103.63 -1.37 0.00	91.91 -1.40 0.00	79.83 -1.46 0.00	65.89 -1.28 0.00	59.06 -1.51 0.00	50.87 -0.99 0.00	48.65 -0.69 0.00
COBBLENY_34_KV_TB1 80064	43.66 -0.22 0.00	39.35 -0.60 0.00	38.70 -0.43 0.00	37.02 -0.53 0.00	38.04 -0.31 0.00	43.18 -1.24 0.00	55.19 -2.60 0.00	63.94 -3.51 0.00	58.82 -3.10 0.00	57.27 -2.39 0.00	55.62 -2.99 0.00	55.70 -2.38 0.00	55.13 -2.84 0.00	56.82 -3.37 0.00	56.07 -3.33 0.00	62.70 -4.29 0.00	77.96 -6.05 0.00	100.17 -4.83 0.00	88.73 -4.57 0.00	76.98 -4.31 0.00	63.47 -3.69 0.00	57.24 -3.33 0.00	49.21 -2.64 0.00	47.81 -1.53 0.00
COFFEEN___115KV_TB3 355620	43.97 0.09 0.00	40.07 0.12 0.00	39.25 0.12 0.00	37.63 0.08 0.00	38.69 0.35 0.00	45.04 0.62 0.00	58.94 1.16 0.00	69.14 1.69 0.00	63.22 1.30 0.00	60.01 0.36 0.00	59.25 0.64 0.00	58.67 0.58 0.00	58.26 0.29 0.00	60.37 0.18 0.00	59.34 -0.06 0.00	66.86 -0.13 0.00	84.68 0.67 0.00	107.83 2.83 0.00	95.45 2.15 0.00	83.24 1.95 0.00	68.38 1.21 0.00	61.79 1.21 0.00	52.42 0.57 0.00	49.93 0.59 0.00
COLDSPRG_115KV_BK1 355956	44.15 0.26 0.00	39.87 -0.08 0.00	39.25 0.12 0.00	37.55 0.00 0.00	38.61 0.27 0.00	44.07 -0.36 0.00	56.75 -1.04 0.00	65.90 -1.55 0.00	60.62 -1.30 0.00	58.82 -0.84 0.00	57.02 -1.58 0.00	57.16 -0.93 0.00	56.53 -1.45 0.00	58.14 -2.05 0.00	57.38 -2.02 0.00	64.11 -2.88 0.00	79.72 -4.28 0.00	102.90 -2.10 0.00	91.07 -2.24 0.00	78.85 -2.44 0.00	64.95 -2.22 0.00	58.51 -2.06 0.00	50.25 -1.61 0.00	48.70 -0.64 0.00
COLONIE_LFGE___ 323577	44.76 0.88 0.00	40.83 0.88 0.00	39.99 0.86 0.00	38.45 0.90 0.00	39.30 0.96 0.00	45.66 1.24 0.00	59.46 1.68 0.00	69.34 1.89 0.00	63.28 1.36 0.00	60.91 1.25 0.00	60.01 1.40 0.00	59.25 1.16 0.00	59.25 1.27 0.00	61.58 1.39 0.00	60.94 1.54 0.00	68.94 1.94 0.00	86.02 2.01 0.00	107.30 2.31 0.00	95.54 2.24 0.00	83.16 1.87 0.00	68.91 1.74 0.00	62.03 1.45 0.00	53.30 1.45 0.00	50.67 1.33 0.00
COOPERNY_115KV_TB1 80082	44.94 1.05 0.00	40.91 0.96 0.00	39.95 0.82 0.00	38.38 0.83 0.00	39.26 0.92 0.00	45.67 1.24 0.00	59.46 1.68 0.00	69.61 2.16 0.00	63.84 1.92 0.00	61.51 1.85 0.00	60.54 1.93 0.00	60.06 1.97 0.00	59.95 1.97 0.00	62.18 1.99 0.00	61.30 1.90 0.00	69.07 2.08 0.00	86.70 2.69 0.00	108.46 3.46 0.00	96.39 3.08 0.00	84.05 2.76 0.00	69.32 2.15 0.00	62.69 2.12 0.00	53.77 1.92 0.00	51.07 1.73 0.00
COPENHAGEN_WT_PWR 323753	43.71 -0.17 0.00	39.83 -0.12 0.00	38.97 -0.16 0.00	37.40 -0.15 0.00	38.38 0.04 0.00	44.65 0.22 0.00	58.36 0.58 0.00	68.46 1.01 0.00	62.60 0.68 0.00	59.60 -0.06 0.00	58.84 0.24 0.00	58.26 0.17 0.00	57.92 -0.06 0.00	60.01 -0.18 0.00	59.04 -0.35 0.00	66.39 -0.60 0.00	83.92 -0.08 0.00	106.46 1.47 0.00	94.24 0.93 0.00	82.27 0.98 0.00	67.64 0.47 0.00	61.12 0.54 0.00	51.96 0.10 0.00	49.49 0.15 0.00
CORNELL_____ 23752	44.37 0.48 0.00	40.31 0.36 0.00	39.60 0.47 0.00	37.89 0.34 0.00	38.84 0.50 0.00	45.18 0.76 0.00	58.65 0.87 0.00	68.80 1.35 0.00	63.03 1.11 0.00	60.43 0.78 0.00	59.31 0.70 0.00	58.84 0.76 0.00	58.55 0.58 0.00	60.73 0.54 0.00	59.81 0.42 0.00	67.60 0.60 0.00	84.93 0.92 0.00	107.30 2.31 0.00	95.36 2.05 0.00	83.00 1.71 0.00	68.51 1.34 0.00	61.60 1.03 0.00	52.68 0.83 0.00	50.13 0.79 0.00

CORONA__69_KV_TB1 355595	46.17 2.28 0.00	41.94 2.00 0.00	40.73 1.60 0.00	39.13 1.58 0.00	40.15 1.80 0.00	46.78 2.35 0.00	59.92 2.14 0.00	70.55 3.10 0.00	64.46 2.54 0.00	62.34 2.68 0.00	62.12 3.52 0.00	61.63 3.54 0.00	61.92 3.94 0.00	63.98 3.79 0.00	63.02 3.62 0.00	70.74 3.75 0.00	88.29 4.28 0.00	110.24 5.25 0.00	98.25 4.95 0.00	86.00 4.71 0.00	70.53 3.36 0.00	64.33 3.76 0.00	56.16 4.30 0.00	53.09 3.75 0.00
CORTLAND__115KV_TB3 80093	44.02 0.13 0.00	40.03 0.08 0.00	39.25 0.12 0.00	37.63 0.08 0.00	38.53 0.19 0.00	44.78 0.36 0.00	58.19 0.40 0.00	68.26 0.81 0.00	62.54 0.62 0.00	60.07 0.42 0.00	59.08 0.47 0.00	58.61 0.52 0.00	58.38 0.41 0.00	60.55 0.36 0.00	59.69 0.30 0.00	67.33 0.33 0.00	84.60 0.59 0.00	106.46 1.47 0.00	94.61 1.31 0.00	82.35 1.06 0.00	67.91 0.74 0.00	61.18 0.61 0.00	52.32 0.47 0.00	49.74 0.39 0.00
COXSACKIE__GT 23611	45.25 1.36 0.00	41.31 1.36 0.00	40.42 1.29 0.00	38.98 1.43 0.00	39.76 1.42 0.00	46.15 1.73 0.00	60.33 2.54 0.00	70.62 3.17 0.00	64.27 2.35 0.00	61.27 1.61 0.00	60.01 1.40 0.00	59.31 1.22 0.00	59.25 1.27 0.00	61.63 1.44 0.00	61.00 1.60 0.00	69.27 2.28 0.00	87.37 3.36 0.00	109.83 4.83 0.00	98.16 4.85 0.00	85.35 4.06 0.00	69.86 2.69 0.00	63.36 2.79 0.00	54.19 2.34 0.00	51.41 2.07 0.00
CPV_VALLEY__CC1 323721	45.11 1.23 0.00	41.06 1.12 0.00	40.11 0.98 0.00	38.49 0.94 0.00	39.38 1.04 0.00	45.93 1.51 0.00	59.69 1.90 0.00	69.95 2.50 0.00	64.08 2.17 0.00	61.80 2.14 0.00	60.83 2.23 0.00	60.41 2.33 0.00	60.30 2.32 0.00	62.54 2.35 0.00	61.65 2.26 0.00	69.54 2.55 0.00	87.45 3.45 0.00	109.30 4.31 0.00	97.41 4.10 0.00	84.78 3.49 0.00	69.86 2.69 0.00	63.24 2.66 0.00	54.13 2.28 0.00	51.37 2.02 0.00
CPV_VALLEY__CC2 323722	45.11 1.23 0.00	41.06 1.12 0.00	40.11 0.98 0.00	38.49 0.94 0.00	39.38 1.04 0.00	45.93 1.51 0.00	59.69 1.90 0.00	69.95 2.50 0.00	64.08 2.17 0.00	61.80 2.14 0.00	60.83 2.23 0.00	60.41 2.33 0.00	60.30 2.32 0.00	62.54 2.35 0.00	61.65 2.26 0.00	69.54 2.55 0.00	87.45 3.45 0.00	109.30 4.31 0.00	97.41 4.10 0.00	84.78 3.49 0.00	69.86 2.69 0.00	63.24 2.66 0.00	54.13 2.28 0.00	51.37 2.02 0.00
CRESCENT__HYD 24018	44.76 0.88 0.00	40.83 0.88 0.00	39.99 0.86 0.00	38.45 0.90 0.00	39.30 0.96 0.00	45.66 1.24 0.00	59.46 1.68 0.00	69.34 1.89 0.00	63.28 1.36 0.00	60.91 1.25 0.00	60.01 1.40 0.00	59.25 1.16 0.00	59.25 1.27 0.00	61.58 1.39 0.00	60.94 1.54 0.00	68.94 1.94 0.00	86.02 2.01 0.00	107.30 2.31 0.00	95.54 2.24 0.00	83.16 1.87 0.00	68.91 1.74 0.00	62.03 1.45 0.00	53.30 1.45 0.00	50.67 1.33 0.00
CRICKET__VALLEY_CC1 323756	44.85 0.96 0.00	40.83 0.88 0.00	39.84 0.71 0.00	38.26 0.71 0.00	39.15 0.81 0.00	45.66 1.24 0.00	59.35 1.56 0.00	69.54 2.09 0.00	63.77 1.86 0.00	61.51 1.85 0.00	60.66 2.05 0.00	60.17 2.09 0.00	60.06 2.08 0.00	62.35 2.16 0.00	61.47 2.08 0.00	69.34 2.34 0.00	87.12 3.11 0.00	108.67 3.67 0.00	96.94 3.64 0.00	84.46 3.17 0.00	69.45 2.29 0.00	63.00 2.43 0.00	53.98 2.13 0.00	51.17 1.83 0.00
CRICKET__VALLEY_CC2 323757	44.85 0.96 0.00	40.83 0.88 0.00	39.84 0.71 0.00	38.26 0.71 0.00	39.15 0.81 0.00	45.66 1.24 0.00	59.35 1.56 0.00	69.54 2.09 0.00	63.77 1.86 0.00	61.51 1.85 0.00	60.66 2.05 0.00	60.17 2.09 0.00	60.06 2.08 0.00	62.35 2.16 0.00	61.47 2.08 0.00	69.34 2.34 0.00	87.12 3.11 0.00	108.67 3.67 0.00	96.94 3.64 0.00	84.46 3.17 0.00	69.45 2.29 0.00	63.00 2.43 0.00	53.98 2.13 0.00	51.17 1.83 0.00
CRICKET__VALLEY_CC3 323758	44.85 0.96 0.00	40.83 0.88 0.00	39.84 0.71 0.00	38.26 0.71 0.00	39.15 0.81 0.00	45.66 1.24 0.00	59.35 1.56 0.00	69.54 2.09 0.00	63.77 1.86 0.00	61.51 1.85 0.00	60.66 2.05 0.00	60.17 2.09 0.00	60.06 2.08 0.00	62.35 2.16 0.00	61.47 2.08 0.00	69.34 2.34 0.00	87.12 3.11 0.00	108.67 3.67 0.00	96.94 3.64 0.00	84.46 3.17 0.00	69.45 2.29 0.00	63.00 2.43 0.00	53.98 2.13 0.00	51.17 1.83 0.00
CRUCIBLE_METL_DRP 24180	43.23 -0.66 0.00	39.31 -0.64 0.00	38.58 -0.55 0.00	36.99 -0.56 0.00	37.88 -0.46 0.00	43.93 -0.49 0.00	57.03 -0.75 0.00	66.84 -0.61 0.00	61.36 -0.56 0.00	59.06 -0.60 0.00	58.14 -0.47 0.00	57.68 -0.41 0.00	57.51 -0.46 0.00	59.65 -0.54 0.00	58.74 -0.65 0.00	66.32 -0.67 0.00	83.17 -0.84 0.00	104.47 -0.52 0.00	92.84 -0.47 0.00	80.80 -0.49 0.00	66.70 -0.47 0.00	60.03 -0.55 0.00	51.39 -0.47 0.00	48.85 -0.49 0.00
DAHOWA__HYDRO 323763	45.59 1.71 0.00	41.59 1.64 0.00	40.73 1.60 0.00	39.13 1.58 0.00	40.07 1.73 0.00	46.60 2.18 0.00	60.73 2.95 0.00	70.22 2.77 0.00	64.08 2.17 0.00	61.44 1.79 0.00	60.54 1.93 0.00	59.77 1.69 0.00	59.83 1.85 0.00	62.06 1.87 0.00	61.35 1.96 0.00	69.40 2.41 0.00	87.03 3.02 0.00	108.77 3.77 0.00	96.85 3.54 0.00	84.21 2.92 0.00	69.66 2.49 0.00	62.88 2.30 0.00	54.60 2.75 0.00	51.76 2.42 0.00
DANC__LFGE 323619	43.23 -0.66 0.00	39.35 -0.60 0.00	38.50 -0.63 0.00	36.95 -0.60 0.00	37.92 -0.42 0.00	43.98 -0.44 0.00	57.32 -0.46 0.00	67.18 -0.27 0.00	61.55 -0.37 0.00	58.82 -0.84 0.00	58.02 -0.59 0.00	57.51 -0.58 0.00	57.28 -0.69 0.00	59.35 -0.84 0.00	58.39 -1.01 0.00	65.72 -1.27 0.00	82.83 -1.18 0.00	104.68 -0.31 0.00	92.75 -0.56 0.00	80.89 -0.40 0.00	66.63 -0.54 0.00	60.15 -0.42 0.00	51.28 -0.57 0.00	48.85 -0.49 0.00
DANSKAMMER__1 23586	45.55 1.67 0.00	41.46 1.52 0.00	40.46 1.33 0.00	38.90 1.35 0.00	39.76 1.42 0.00	46.38 1.95 0.00	60.39 2.60 0.00	70.82 3.37 0.00	64.89 2.97 0.00	62.52 2.86 0.00	61.54 2.93 0.00	61.10 3.02 0.00	60.99 3.01 0.00	63.32 3.13 0.00	62.42 3.03 0.00	70.41 3.41 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.90 5.60 0.00	86.08 4.79 0.00	70.66 3.49 0.00	64.15 3.57 0.00	54.86 3.01 0.00	52.00 2.66 0.00
DANSKAMMER__2 23589	45.55 1.67 0.00	41.46 1.52 0.00	40.46 1.33 0.00	38.90 1.35 0.00	39.76 1.42 0.00	46.38 1.95 0.00	60.39 2.60 0.00	70.82 3.37 0.00	64.89 2.97 0.00	62.52 2.86 0.00	61.54 2.93 0.00	61.10 3.02 0.00	60.99 3.01 0.00	63.32 3.13 0.00	62.42 3.03 0.00	70.41 3.41 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.90 5.60 0.00	86.08 4.79 0.00	70.66 3.49 0.00	64.15 3.57 0.00	54.86 3.01 0.00	52.00 2.66 0.00
DANSKAMMER__3 23590	45.55 1.67 0.00	41.46 1.52 0.00	40.46 1.33 0.00	38.90 1.35 0.00	39.76 1.42 0.00	46.38 1.95 0.00	60.39 2.60 0.00	70.82 3.37 0.00	64.89 2.97 0.00	62.52 2.86 0.00	61.54 2.93 0.00	61.10 3.02 0.00	60.99 3.01 0.00	63.32 3.13 0.00	62.42 3.03 0.00	70.41 3.41 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.90 5.60 0.00	86.08 4.79 0.00	70.66 3.49 0.00	64.15 3.57 0.00	54.86 3.01 0.00	52.00 2.66 0.00

DANSKAMMER___4 23591	45.55 1.67 0.00	41.46 1.52 0.00	40.46 1.33 0.00	38.90 1.35 0.00	39.76 1.42 0.00	46.38 1.95 0.00	60.39 2.60 0.00	70.82 3.37 0.00	64.89 2.97 0.00	62.52 2.86 0.00	61.54 2.93 0.00	61.10 3.02 0.00	60.99 3.01 0.00	63.32 3.13 0.00	62.42 3.03 0.00	70.41 3.41 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.90 5.60 0.00	86.08 4.79 0.00	70.66 3.49 0.00	64.15 3.57 0.00	54.86 3.01 0.00	52.00 2.66 0.00
DANSKAMMER___DIESEL 23592	45.55 1.67 0.00	41.47 1.52 0.00	40.46 1.33 0.00	38.90 1.35 0.00	39.76 1.42 0.00	46.33 1.91 0.00	60.39 2.60 0.00	70.82 3.37 0.00	64.89 2.97 0.00	62.52 2.86 0.00	61.54 2.93 0.00	61.05 2.96 0.00	60.99 3.01 0.00	63.32 3.13 0.00	62.43 3.03 0.00	70.34 3.35 0.00	88.29 4.28 0.00	110.56 5.56 0.00	98.44 5.13 0.00	85.76 4.47 0.00	70.46 3.29 0.00	63.91 3.33 0.00	54.86 3.01 0.00	52.01 2.66 0.00
DARBY___SOLAR 323810	45.42 1.54 0.00	41.43 1.48 0.00	40.58 1.45 0.00	38.98 1.43 0.00	39.88 1.54 0.00	46.38 1.95 0.00	60.45 2.66 0.00	69.95 2.50 0.00	63.84 1.92 0.00	61.32 1.67 0.00	60.36 1.76 0.00	59.66 1.57 0.00	59.66 1.68 0.00	61.87 1.68 0.00	61.18 1.78 0.00	69.27 2.28 0.00	86.78 2.77 0.00	108.35 3.36 0.00	96.57 3.26 0.00	83.97 2.68 0.00	69.45 2.29 0.00	62.69 2.12 0.00	54.29 2.44 0.00	51.51 2.17 0.00
DASHVILLE___HYD 23610	45.07 1.18 0.00	41.03 1.08 0.00	40.03 0.90 0.00	38.49 0.94 0.00	39.34 1.00 0.00	45.80 1.38 0.00	59.69 1.91 0.00	69.95 2.50 0.00	64.08 2.17 0.00	61.68 2.03 0.00	60.72 2.11 0.00	60.18 2.09 0.00	60.12 2.15 0.00	62.42 2.23 0.00	61.53 2.14 0.00	69.40 2.41 0.00	87.12 3.11 0.00	109.09 4.09 0.00	97.13 3.83 0.00	84.70 3.41 0.00	69.59 2.42 0.00	63.18 2.60 0.00	54.19 2.33 0.00	51.41 2.07 0.00
DELAWARE___LFGE 323621	44.63 0.75 0.00	40.63 0.68 0.00	39.72 0.59 0.00	38.15 0.60 0.00	39.07 0.73 0.00	45.44 1.02 0.00	59.11 1.33 0.00	69.27 1.82 0.00	63.53 1.61 0.00	61.03 1.37 0.00	60.19 1.58 0.00	59.65 1.57 0.00	59.48 1.51 0.00	61.70 1.50 0.00	60.82 1.43 0.00	68.60 1.61 0.00	86.19 2.18 0.00	107.83 2.83 0.00	95.73 2.43 0.00	83.48 2.19 0.00	68.85 1.68 0.00	62.21 1.64 0.00	53.20 1.35 0.00	50.63 1.28 0.00
DERFIELD_115KV_TB7 355931	43.93 0.04 0.00	39.99 0.04 0.00	39.17 0.04 0.00	37.59 0.04 0.00	38.46 0.12 0.00	44.56 0.13 0.00	58.02 0.23 0.00	67.79 0.34 0.00	62.16 0.25 0.00	59.83 0.18 0.00	58.84 0.23 0.00	58.32 0.23 0.00	58.21 0.23 0.00	60.43 0.24 0.00	59.63 0.24 0.00	67.26 0.27 0.00	84.34 0.34 0.00	105.31 0.31 0.00	93.59 0.28 0.00	81.62 0.33 0.00	67.44 0.27 0.00	60.82 0.24 0.00	52.11 0.26 0.00	49.54 0.20 0.00
DOGLEVILLE___HYD 23807	46.34 2.46 0.00	42.18 2.24 0.00	41.32 2.19 0.00	39.62 2.07 0.00	40.57 2.22 0.00	47.00 2.58 0.00	61.20 3.41 0.00	71.57 4.11 0.00	65.57 3.65 0.00	63.12 3.46 0.00	62.36 3.75 0.00	61.75 3.66 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.84 3.44 0.00	70.54 3.55 0.00	88.54 4.54 0.00	110.87 5.88 0.00	98.44 5.13 0.00	85.84 4.55 0.00	70.93 3.76 0.00	64.21 3.63 0.00	54.91 3.06 0.00	52.30 2.96 0.00
DUNKIRK___115KV_TB_200 55889	43.84 -0.04 0.00	39.55 -0.40 0.00	38.93 -0.20 0.00	37.25 -0.30 0.00	38.27 -0.08 0.00	43.53 -0.89 0.00	55.76 -2.02 0.00	64.75 -2.70 0.00	59.44 -2.48 0.00	57.75 -1.91 0.00	56.03 -2.58 0.00	56.17 -1.92 0.00	55.60 -2.38 0.00	57.18 -3.01 0.00	56.49 -2.91 0.00	63.11 -3.89 0.00	78.46 -5.54 0.00	100.90 -4.09 0.00	89.48 -3.83 0.00	77.55 -3.74 0.00	63.95 -3.22 0.00	57.67 -2.91 0.00	49.52 -2.33 0.00	48.11 -1.23 0.00
DUNKIRK___1 23563	43.84 -0.04 0.00	39.55 -0.40 0.00	38.93 -0.20 0.00	37.25 -0.30 0.00	38.27 -0.08 0.00	43.53 -0.89 0.00	55.76 -2.02 0.00	64.75 -2.70 0.00	59.44 -2.48 0.00	57.75 -1.91 0.00	56.03 -2.58 0.00	56.17 -1.92 0.00	55.60 -2.38 0.00	57.18 -3.01 0.00	56.49 -2.91 0.00	63.11 -3.89 0.00	78.46 -5.54 0.00	100.90 -4.09 0.00	89.48 -3.83 0.00	77.55 -3.74 0.00	63.95 -3.22 0.00	57.67 -2.91 0.00	49.52 -2.33 0.00	48.11 -1.23 0.00
DUNKIRK___2 23564	43.84 -0.04 0.00	39.55 -0.40 0.00	38.93 -0.20 0.00	37.25 -0.30 0.00	38.27 -0.08 0.00	43.53 -0.89 0.00	55.76 -2.02 0.00	64.75 -2.70 0.00	59.44 -2.48 0.00	57.75 -1.91 0.00	56.03 -2.58 0.00	56.17 -1.92 0.00	55.60 -2.38 0.00	57.18 -3.01 0.00	56.49 -2.91 0.00	63.11 -3.89 0.00	78.46 -5.54 0.00	100.90 -4.09 0.00	89.48 -3.83 0.00	77.55 -3.74 0.00	63.95 -3.22 0.00	57.67 -2.91 0.00	49.52 -2.33 0.00	48.11 -1.23 0.00
DUNKIRK___3 23565	43.66 -0.22 0.00	39.43 -0.52 0.00	38.78 -0.35 0.00	37.10 -0.45 0.00	38.11 -0.23 0.00	43.36 -1.07 0.00	55.47 -2.31 0.00	64.35 -3.10 0.00	59.07 -2.85 0.00	57.39 -2.27 0.00	55.68 -2.93 0.00	55.88 -2.21 0.00	55.31 -2.67 0.00	56.88 -3.31 0.00	56.19 -3.21 0.00	62.77 -4.22 0.00	78.13 -5.88 0.00	100.38 -4.62 0.00	89.01 -4.29 0.00	77.14 -4.15 0.00	63.61 -3.56 0.00	57.36 -3.21 0.00	49.31 -2.54 0.00	47.91 -1.43 0.00
DUNKIRK___4 23566	43.66 -0.22 0.00	39.43 -0.52 0.00	38.78 -0.35 0.00	37.10 -0.45 0.00	38.11 -0.23 0.00	43.36 -1.07 0.00	55.47 -2.31 0.00	64.35 -3.10 0.00	59.07 -2.85 0.00	57.39 -2.27 0.00	55.68 -2.93 0.00	55.88 -2.21 0.00	55.31 -2.67 0.00	56.88 -3.31 0.00	56.19 -3.21 0.00	62.77 -4.22 0.00	78.13 -5.88 0.00	100.38 -4.62 0.00	89.01 -4.29 0.00	77.14 -4.15 0.00	63.61 -3.56 0.00	57.36 -3.21 0.00	49.31 -2.54 0.00	47.91 -1.43 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.68 1.80 0.00	41.59 1.64 0.00	40.50 1.37 0.00	38.90 1.35 0.00	39.84 1.50 0.00	46.47 2.04 0.00	60.50 2.72 0.00	71.03 3.57 0.00	65.07 3.16 0.00	62.82 3.16 0.00	61.95 3.34 0.00	61.40 3.31 0.00	61.40 3.42 0.00	63.68 3.49 0.00	62.72 3.33 0.00	70.61 3.62 0.00	88.54 4.54 0.00	110.66 5.67 0.00	98.53 5.23 0.00	85.92 4.63 0.00	70.73 3.56 0.00	64.09 3.51 0.00	55.02 3.16 0.00	52.20 2.86 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.38 1.49 0.00	41.35 1.40 0.00	40.30 1.17 0.00	38.75 1.20 0.00	39.61 1.27 0.00	46.16 1.73 0.00	60.16 2.37 0.00	70.49 3.04 0.00	64.64 2.72 0.00	62.28 2.62 0.00	61.30 2.70 0.00	60.82 2.73 0.00	60.70 2.72 0.00	63.02 2.83 0.00	62.13 2.73 0.00	70.01 3.01 0.00	87.87 3.86 0.00	109.93 4.93 0.00	97.88 4.57 0.00	85.35 4.06 0.00	70.19 3.02 0.00	63.66 3.09 0.00	54.60 2.75 0.00	51.81 2.47 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.10 2.67 -0.01	60.91 3.12 0.00	70.76 3.31 0.00	65.01 3.10 0.00	62.94 3.28 0.00	61.95 3.34 0.00	61.40 3.31 0.00	61.40 3.42 0.00	63.62 3.43 0.00	62.72 3.33 0.00	70.48 3.48 0.00	88.29 4.28 0.00	110.35 5.35 0.00	98.16 4.85 0.00	85.60 4.31 0.00	70.59 3.43 0.00	64.03 3.45 0.00	55.59 3.73 0.00	52.85 3.50 -0.01

E179THST_13_KV_LOAD 356214	46.57 2.68 -0.01	42.35 2.40 -0.01	41.29 2.15 -0.01	39.62 2.07 -0.01	40.57 2.22 -0.01	47.27 2.84 -0.01	61.14 3.35 0.00	71.09 3.64 0.00	65.26 3.34 0.00	63.18 3.52 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.86 3.67 0.00	62.96 3.56 0.00	70.74 3.75 0.00	88.71 4.70 0.00	110.87 5.88 0.00	98.62 5.32 0.00	86.00 4.71 0.00	70.86 3.69 0.00	64.33 3.76 0.00	55.85 3.99 0.00	53.05 3.70 -0.01
EAST HAMPTON___GT 23717	46.61 2.72 0.00	42.38 2.44 0.00	40.97 1.84 0.00	39.32 1.77 0.00	40.57 2.22 0.00	47.27 2.85 0.00	59.75 1.97 0.00	71.71 3.44 -0.82	64.47 2.54 -0.01	62.59 2.92 -0.01	63.00 4.40 0.00	62.15 4.06 0.00	62.33 4.35 0.00	64.43 3.91 -0.33	63.15 3.68 -0.07	71.55 4.56 0.00	90.98 6.97 0.00	113.48 8.29 -0.19	100.77 7.47 0.00	88.13 6.83 -0.01	71.47 4.30 0.00	64.70 4.12 0.00	56.00 4.15 0.00	53.34 3.99 0.00
EAST RIVER___6 23660	46.03 2.15 0.00	41.90 1.96 0.00	40.81 1.68 0.00	39.05 1.50 0.00	39.92 1.57 0.00	46.69 2.26 0.00	60.79 3.00 0.00	71.36 3.91 0.00	65.51 3.59 0.00	63.30 3.64 0.00	62.36 3.75 0.00	61.86 3.77 0.00	61.80 3.83 0.00	64.05 3.86 0.00	63.14 3.74 0.00	71.22 4.22 0.00	89.64 5.63 0.00	111.82 6.82 0.00	99.74 6.43 0.00	86.82 5.53 0.00	71.27 4.10 0.00	64.57 4.00 0.00	55.33 3.47 0.00	52.40 3.06 0.00
EAST RIVER___7 23524	46.03 2.15 0.00	41.90 1.96 0.00	40.81 1.68 0.00	39.05 1.50 0.00	39.92 1.57 0.00	46.69 2.26 0.00	60.79 3.00 0.00	71.36 3.91 0.00	65.51 3.59 0.00	63.30 3.64 0.00	62.36 3.75 0.00	61.86 3.77 0.00	61.80 3.83 0.00	64.05 3.86 0.00	63.14 3.74 0.00	71.22 4.22 0.00	89.64 5.63 0.00	111.82 6.82 0.00	99.74 6.43 0.00	86.82 5.53 0.00	71.27 4.10 0.00	64.57 4.00 0.00	55.33 3.47 0.00	52.40 3.06 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.55 1.67 0.00	41.47 1.52 0.00	40.42 1.29 0.00	38.83 1.28 0.00	39.76 1.42 0.00	46.38 1.95 0.00	60.33 2.54 0.00	70.82 3.37 0.00	64.89 2.97 0.00	62.64 2.98 0.00	61.71 3.11 0.00	61.22 3.14 0.00	61.16 3.19 0.00	63.44 3.25 0.00	62.54 3.15 0.00	70.41 3.42 0.00	88.29 4.28 0.00	110.35 5.35 0.00	98.25 4.95 0.00	85.60 4.31 0.00	70.53 3.36 0.00	63.91 3.33 0.00	54.86 3.01 0.00	52.06 2.71 0.00
EAST_HAMPTON___DIESEL 23722	46.52 2.63 0.00	42.34 2.40 0.00	40.93 1.80 0.00	39.28 1.73 0.00	40.53 2.18 0.00	47.22 2.80 0.00	59.69 1.90 0.00	71.57 3.30 -0.82	64.34 2.41 -0.01	62.53 2.86 -0.01	62.94 4.34 0.00	62.04 3.95 0.00	62.20 4.23 0.00	64.32 3.79 -0.33	63.03 3.56 -0.07	71.41 4.42 0.00	90.81 6.80 0.00	113.16 7.98 -0.19	100.59 7.28 0.00	87.88 6.58 -0.01	71.27 4.10 0.00	64.51 3.94 0.00	55.90 4.05 0.00	53.24 3.90 0.00
EAST_POINT___SOLAR 323840	44.68 0.79 0.00	40.79 0.84 0.00	39.91 0.78 0.00	38.34 0.79 0.00	39.34 1.00 0.00	45.98 1.55 0.00	59.69 1.90 0.00	69.75 2.29 0.00	63.09 1.17 0.00	59.54 -0.12 0.00	59.19 0.59 0.00	58.61 0.52 0.00	58.67 0.70 0.00	61.15 0.96 0.00	60.65 1.25 0.00	69.07 2.08 0.00	87.03 3.02 0.00	109.40 4.41 0.00	97.22 3.92 0.00	84.46 3.17 0.00	69.52 2.35 0.00	63.24 2.66 0.00	53.93 2.08 0.00	51.02 1.68 0.00
EAST_PULASKI___ESR 323781	42.74 -1.14 0.00	38.87 -1.08 0.00	38.08 -1.05 0.00	36.54 -1.01 0.00	37.42 -0.92 0.00	43.36 -1.07 0.00	56.40 -1.39 0.00	66.03 -1.42 0.00	60.55 -1.36 0.00	58.17 -1.49 0.00	57.32 -1.29 0.00	56.81 -1.28 0.00	56.64 -1.33 0.00	58.75 -1.45 0.00	57.80 -1.60 0.00	65.05 -1.94 0.00	81.82 -2.18 0.00	103.00 -2.00 0.00	91.34 -1.96 0.00	79.66 -1.63 0.00	65.76 -1.41 0.00	59.24 -1.33 0.00	50.66 -1.19 0.00	48.26 -1.09 0.00
EAST_RIVER___1 323558	45.99 2.11 0.00	41.86 1.92 0.00	40.77 1.64 0.00	39.09 1.54 0.00	40.07 1.73 0.00	46.82 2.40 0.00	60.85 3.06 0.00	71.43 3.98 0.00	65.51 3.59 0.00	63.30 3.64 0.00	62.36 3.75 0.00	61.86 3.77 0.00	61.80 3.83 0.00	64.05 3.86 0.00	63.14 3.74 0.00	71.22 4.22 0.00	89.64 5.63 0.00	111.72 6.73 0.00	99.74 6.43 0.00	86.82 5.53 0.00	71.34 4.17 0.00	64.70 4.12 0.00	55.43 3.58 0.00	52.50 3.16 0.00
EAST_RIVER___2 323559	46.03 2.15 0.00	41.90 1.96 0.00	40.81 1.68 0.00	39.05 1.50 0.00	39.92 1.57 0.00	46.69 2.26 0.00	60.79 3.00 0.00	71.36 3.91 0.00	65.51 3.59 0.00	63.30 3.64 0.00	62.36 3.75 0.00	61.86 3.77 0.00	61.80 3.83 0.00	64.05 3.86 0.00	63.14 3.74 0.00	71.22 4.22 0.00	89.64 5.63 0.00	111.82 6.82 0.00	99.74 6.43 0.00	86.82 5.53 0.00	71.27 4.10 0.00	64.57 4.00 0.00	55.33 3.47 0.00	52.40 3.06 0.00
EAST___DELAWARE_HYD 23607	45.29 1.40 0.00	41.23 1.28 0.00	40.22 1.09 0.00	38.68 1.13 0.00	39.53 1.19 0.00	46.11 1.69 0.00	60.16 2.37 0.00	70.56 3.10 0.00	64.64 2.72 0.00	62.16 2.51 0.00	61.12 2.52 0.00	60.64 2.55 0.00	60.47 2.49 0.00	62.84 2.65 0.00	61.89 2.49 0.00	69.94 2.94 0.00	88.12 4.12 0.00	110.45 5.46 0.00	98.53 5.22 0.00	85.76 4.47 0.00	70.26 3.09 0.00	63.84 3.27 0.00	54.60 2.75 0.00	51.76 2.42 0.00
EIGHT_POINT___WT_PWR 323820	43.97 0.09 0.00	39.67 -0.28 0.00	39.13 0.00 0.00	37.36 -0.19 0.00	38.27 -0.08 0.00	44.11 -0.31 0.00	56.57 -1.22 0.00	66.10 -1.35 0.00	59.93 -1.98 0.00	57.81 -1.85 0.00	55.97 -2.64 0.00	55.70 -2.38 0.00	55.25 -2.72 0.00	56.88 -3.31 0.00	55.95 -3.45 0.00	61.77 -5.23 0.00	77.37 -6.64 0.00	99.43 -5.57 0.00	87.33 -5.97 0.00	76.25 -5.04 0.00	63.14 -4.03 0.00	57.36 -3.21 0.00	49.00 -2.85 0.00	47.42 -1.93 0.00
ELBRIDGE_115KV_TB2 80188	43.05 -0.83 0.00	39.15 -0.80 0.00	38.43 -0.70 0.00	36.84 -0.71 0.00	37.73 -0.61 0.00	43.71 -0.71 0.00	56.75 -1.04 0.00	66.44 -1.01 0.00	60.99 -0.93 0.00	58.70 -0.95 0.00	57.73 -0.88 0.00	57.33 -0.76 0.00	57.11 -0.87 0.00	59.23 -0.96 0.00	58.33 -1.07 0.00	65.85 -1.14 0.00	82.58 -1.43 0.00	103.73 -1.26 0.00	92.28 -1.03 0.00	80.31 -0.98 0.00	66.23 -0.94 0.00	59.67 -0.91 0.00	51.08 -0.78 0.00	48.60 -0.74 0.00
ELEC_TRO_TEK 24086	45.95 2.06 0.00	41.74 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.56 2.13 0.00	59.69 1.91 0.00	70.22 2.77 0.00	64.21 2.29 0.00	62.04 2.39 0.00	61.89 3.28 0.00	61.40 3.31 0.00	61.63 3.65 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.41 3.42 0.00	87.79 3.78 0.00	109.72 4.72 0.00	97.79 4.48 0.00	85.44 4.15 0.00	70.12 2.96 0.00	63.97 3.39 0.00	55.85 3.99 0.00	52.80 3.45 0.00
ELLENBURG_WT_PWR 323604	44.54 0.66 0.00	40.55 0.60 0.00	39.75 0.62 0.00	38.08 0.53 0.00	38.65 0.31 0.00	44.29 -0.13 0.00	57.38 -0.40 0.00	66.78 -0.67 0.00	61.55 -0.37 0.00	59.42 -0.24 0.00	58.20 -0.41 0.00	57.68 -0.40 0.00	57.63 -0.35 0.00	59.71 -0.48 0.00	58.92 -0.48 0.00	66.45 -0.54 0.00	83.09 -0.92 0.00	103.63 -1.37 0.00	91.91 -1.40 0.00	79.83 -1.46 0.00	65.89 -1.28 0.00	59.18 -1.39 0.00	50.82 -1.04 0.00	48.50 -0.84 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.45 -0.44 0.00	39.19 -0.76 0.00	38.50 -0.63 0.00	36.84 -0.71 0.00	37.84 -0.50 0.00	42.91 -1.51 0.00	54.72 -3.06 0.00	63.34 -4.11 0.00	58.20 -3.72 0.00	56.67 -2.98 0.00	55.09 -3.52 0.00	55.18 -2.90 0.00	54.67 -3.30 0.00	56.28 -3.91 0.00	55.60 -3.80 0.00	62.10 -4.89 0.00	77.20 -6.80 0.00	98.91 -6.09 0.00	87.80 -5.51 0.00	76.09 -5.20 0.00	62.80 -4.37 0.00	56.70 -3.88 0.00	48.79 -3.06 0.00	47.47 -1.88 0.00
EMPIRE_CC_1 323656	44.15 0.26 0.00	40.31 0.36 0.00	39.52 0.39 0.00	38.00 0.45 0.00	38.84 0.50 0.00	45.00 0.58 0.00	58.42 0.64 0.00	68.26 0.81 0.00	62.29 0.37 0.00	60.02 0.36 0.00	59.13 0.53 0.00	58.44 0.35 0.00	58.32 0.35 0.00	60.67 0.48 0.00	60.11 0.72 0.00	68.00 1.01 0.00	84.60 0.59 0.00	105.21 0.21 0.00	93.78 0.47 0.00	81.70 0.41 0.00	67.70 0.53 0.00	61.06 0.48 0.00	52.42 0.57 0.00	49.94 0.59 0.00
EMPIRE_CC_2 323658	44.15 0.26 0.00	40.31 0.36 0.00	39.52 0.39 0.00	38.00 0.45 0.00	38.84 0.50 0.00	45.00 0.58 0.00	58.42 0.64 0.00	68.26 0.81 0.00	62.29 0.37 0.00	60.02 0.36 0.00	59.13 0.53 0.00	58.44 0.35 0.00	58.32 0.35 0.00	60.67 0.48 0.00	60.11 0.72 0.00	68.00 1.01 0.00	84.60 0.59 0.00	105.21 0.21 0.00	93.78 0.47 0.00	81.70 0.41 0.00	67.70 0.53 0.00	61.06 0.48 0.00	52.42 0.57 0.00	49.94 0.59 0.00
ENORWICH_115KV_TB1 80156	46.03 2.15 0.00	41.86 1.92 0.00	41.05 1.92 0.00	39.32 1.76 0.00	40.53 2.19 0.00	47.35 2.93 0.00	61.83 4.05 0.00	72.78 5.33 0.00	66.68 4.77 0.00	63.41 3.76 0.00	62.53 3.93 0.00	61.98 3.89 0.00	61.40 3.42 0.00	63.56 3.37 0.00	62.49 3.09 0.00	70.68 3.68 0.00	89.38 5.38 0.00	114.23 9.24 0.00	100.86 7.56 0.00	87.71 6.42 0.00	72.07 4.90 0.00	64.63 4.06 0.00	54.96 3.11 0.00	52.30 2.96 0.00
ERIE_ST__34_KV_TB1-2 80199	43.53 -0.35 0.00	39.31 -0.64 0.00	38.62 -0.51 0.00	36.95 -0.60 0.00	37.96 -0.38 0.00	43.18 -1.24 0.00	55.24 -2.71 0.00	64.08 -3.37 0.00	58.82 -3.10 0.00	57.21 -2.45 0.00	55.56 -3.05 0.00	55.70 -2.38 0.00	55.13 -2.84 0.00	56.76 -3.43 0.00	56.07 -3.33 0.00	62.64 -4.35 0.00	77.96 -6.05 0.00	100.17 -4.83 0.00	88.73 -4.57 0.00	76.90 -4.39 0.00	63.41 -3.76 0.00	57.18 -3.39 0.00	49.16 -2.70 0.00	47.76 -1.58 0.00
ERIE_WT_PWR 323693	43.62 -0.26 0.00	39.27 -0.68 0.00	38.66 -0.47 0.00	37.02 -0.53 0.00	38.00 -0.35 0.00	43.18 -1.24 0.00	55.07 -2.71 0.00	63.81 -3.64 0.00	58.57 -3.34 0.00	57.09 -2.56 0.00	55.38 -3.22 0.00	55.18 -2.90 0.00	54.96 -3.02 0.00	56.64 -3.55 0.00	55.89 -3.50 0.00	61.77 -5.23 0.00	77.37 -6.64 0.00	99.22 -5.77 0.00	86.96 -6.35 0.00	75.92 -5.37 0.00	62.80 -4.36 0.00	57.06 -3.51 0.00	49.00 -2.85 0.00	47.66 -1.68 0.00
ESPRGFLD_115KV_TB1 80157	44.02 0.13 0.00	40.07 0.12 0.00	39.21 0.08 0.00	37.63 0.08 0.00	38.65 0.31 0.00	45.09 0.67 0.00	58.59 0.81 0.00	68.73 1.28 0.00	62.72 0.80 0.00	59.78 0.12 0.00	59.25 0.64 0.00	58.73 0.64 0.00	58.55 0.58 0.00	60.79 0.60 0.00	59.99 0.59 0.00	67.93 0.94 0.00	85.44 1.43 0.00	107.51 2.52 0.00	95.36 2.05 0.00	83.00 1.71 0.00	68.31 1.14 0.00	61.97 1.39 0.00	52.84 0.99 0.00	50.18 0.84 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.28 0.39 0.00	40.27 0.32 0.00	39.52 0.39 0.00	37.85 0.30 0.00	38.76 0.42 0.00	45.09 0.67 0.00	58.54 0.75 0.00	68.73 1.28 0.00	62.91 0.99 0.00	60.37 0.72 0.00	59.25 0.64 0.00	58.84 0.76 0.00	58.55 0.58 0.00	60.67 0.48 0.00	59.81 0.42 0.00	67.53 0.54 0.00	84.85 0.84 0.00	107.20 2.20 0.00	95.27 1.96 0.00	82.92 1.63 0.00	68.45 1.28 0.00	61.54 0.97 0.00	52.63 0.78 0.00	50.03 0.69 0.00
ETNA____115KV_TB2 80207	44.28 0.39 0.00	40.27 0.32 0.00	39.52 0.39 0.00	37.85 0.30 0.00	38.76 0.42 0.00	45.09 0.67 0.00	58.54 0.75 0.00	68.73 1.28 0.00	62.91 0.99 0.00	60.37 0.72 0.00	59.25 0.64 0.00	58.84 0.76 0.00	58.55 0.58 0.00	60.67 0.48 0.00	59.81 0.42 0.00	67.53 0.54 0.00	84.85 0.84 0.00	107.20 2.20 0.00	95.27 1.96 0.00	82.92 1.63 0.00	68.45 1.28 0.00	61.54 0.97 0.00	52.63 0.78 0.00	50.03 0.69 0.00
EUCLID__115KV_TB2 356179	42.87 -1.01 0.00	38.99 -0.96 0.00	38.23 -0.90 0.00	36.65 -0.90 0.00	37.54 -0.81 0.00	43.45 -0.98 0.00	56.40 -1.39 0.00	65.97 -1.48 0.00	60.55 -1.36 0.00	58.34 -1.31 0.00	57.38 -1.23 0.00	56.92 -1.16 0.00	56.76 -1.22 0.00	58.87 -1.32 0.00	58.03 -1.37 0.00	65.45 -1.54 0.00	82.08 -1.93 0.00	103.00 -1.99 0.00	91.53 -1.77 0.00	79.66 -1.63 0.00	65.76 -1.41 0.00	59.24 -1.33 0.00	50.76 -1.09 0.00	48.31 -1.04 0.00
E_CANADA_CAP_HY 24051	43.80 -0.09 0.00	39.95 0.00 0.00	39.05 -0.08 0.00	37.51 -0.04 0.00	38.50 0.15 0.00	44.96 0.54 0.00	58.19 0.41 0.00	68.06 0.61 0.00	61.73 -0.19 0.00	58.52 -1.14 0.00	58.26 -0.35 0.00	57.62 -0.47 0.00	57.63 -0.35 0.00	60.01 -0.18 0.00	59.40 0.00 0.00	67.53 0.53 0.00	84.76 0.75 0.00	106.57 1.58 0.00	94.71 1.40 0.00	82.34 1.05 0.00	67.84 0.67 0.00	61.91 1.33 0.00	52.79 0.93 0.00	49.98 0.64 0.00
E_CANADA_MHWK_HY 24050	46.34 2.46 0.00	42.18 2.24 0.00	41.32 2.19 0.00	39.61 2.06 0.00	40.57 2.22 0.00	47.00 2.58 0.00	61.19 3.41 0.00	71.57 4.12 0.00	65.57 3.65 0.00	63.11 3.46 0.00	62.36 3.75 0.00	61.75 3.66 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.84 3.44 0.00	70.54 3.55 0.00	88.54 4.53 0.00	110.87 5.88 0.00	98.34 5.04 0.00	85.76 4.47 0.00	70.86 3.69 0.00	64.21 3.63 0.00	54.91 3.06 0.00	52.30 2.96 0.00
E_FISHKILL__LBMP 23776	45.29 1.40 0.00	41.23 1.28 0.00	40.19 1.06 0.00	38.60 1.05 0.00	39.49 1.15 0.00	46.07 1.64 0.00	59.92 2.14 0.00	70.22 2.77 0.00	64.33 2.41 0.00	62.10 2.45 0.00	61.19 2.58 0.00	60.64 2.56 0.00	60.58 2.61 0.00	62.90 2.71 0.00	62.01 2.61 0.00	69.81 2.81 0.00	87.54 3.53 0.00	109.30 4.30 0.00	97.32 4.01 0.00	84.79 3.50 0.00	69.92 2.75 0.00	63.36 2.79 0.00	54.39 2.54 0.00	51.61 2.27 0.00
FALCON__SEABRD_CC1 323796	44.85 0.96 0.00	40.83 0.88 0.00	40.03 0.90 0.00	38.30 0.75 0.00	38.92 0.58 0.00	43.98 -0.44 0.00	56.40 -1.39 0.00	65.56 -1.89 0.00	60.50 -1.42 0.00	58.40 -1.26 0.00	57.20 -1.41 0.00	56.64 -1.45 0.00	56.64 -1.33 0.00	58.63 -1.57 0.00	57.91 -1.48 0.00	65.25 -1.74 0.00	81.66 -2.35 0.00	101.74 -3.26 0.00	90.23 -3.08 0.00	78.37 -2.92 0.00	64.62 -2.55 0.00	58.03 -2.54 0.00	50.09 -1.76 0.00	48.11 -1.23 0.00
FALCON__SEABRD_CC2 323797	44.85 0.96 0.00	40.83 0.88 0.00	40.03 0.90 0.00	38.30 0.75 0.00	38.92 0.58 0.00	43.98 -0.44 0.00	56.40 -1.39 0.00	65.56 -1.89 0.00	60.50 -1.42 0.00	58.40 -1.26 0.00	57.20 -1.41 0.00	56.64 -1.45 0.00	56.64 -1.33 0.00	58.63 -1.57 0.00	57.91 -1.48 0.00	65.25 -1.74 0.00	81.66 -2.35 0.00	101.74 -3.26 0.00	90.23 -3.08 0.00	78.37 -2.92 0.00	64.62 -2.55 0.00	58.03 -2.54 0.00	50.09 -1.76 0.00	48.11 -1.23 0.00

FAR ROCKAWAY___4 23548	46.78 2.90 0.00	42.50 2.56 0.00	41.20 2.07 0.00	39.58 2.03 0.00	40.64 2.30 0.00	47.31 2.89 0.00	60.68 2.89 0.00	71.43 3.98 0.00	65.32 3.41 0.00	63.18 3.52 0.00	63.12 4.51 0.00	62.62 4.53 0.00	62.90 4.93 0.00	65.01 4.82 0.00	64.03 4.63 0.00	71.88 4.89 0.00	89.72 5.71 0.00	112.24 7.24 0.00	100.02 6.72 0.00	87.47 6.18 0.00	71.74 4.57 0.00	65.36 4.79 0.00	57.04 5.19 0.00	53.88 4.54 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.99 2.11 0.00	41.82 1.88 0.00	40.77 1.64 0.00	39.09 1.54 0.00	40.07 1.73 0.00	46.78 2.35 0.00	60.91 3.12 0.00	71.43 3.98 0.00	65.45 3.53 0.00	63.24 3.58 0.00	62.30 3.69 0.00	61.80 3.72 0.00	61.74 3.77 0.00	64.04 3.85 0.00	63.08 3.68 0.00	71.01 4.02 0.00	89.05 5.04 0.00	111.29 6.30 0.00	99.00 5.69 0.00	86.25 4.96 0.00	71.07 3.90 0.00	64.39 3.82 0.00	55.38 3.53 0.00	52.50 3.16 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.99 2.11 0.00	41.86 1.92 0.00	40.77 1.64 0.00	39.13 1.58 0.00	40.07 1.73 0.00	46.78 2.35 0.00	60.91 3.12 0.00	71.43 3.98 0.00	65.45 3.53 0.00	63.24 3.58 0.00	62.30 3.69 0.00	61.80 3.72 0.00	61.74 3.77 0.00	64.04 3.85 0.00	63.14 3.74 0.00	71.01 4.02 0.00	89.05 5.04 0.00	111.29 6.30 0.00	99.09 5.78 0.00	86.33 5.04 0.00	71.07 3.90 0.00	64.39 3.82 0.00	55.38 3.53 0.00	52.55 3.21 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.99 2.11 0.00	41.82 1.88 0.00	40.77 1.64 0.00	39.09 1.54 0.00	40.03 1.69 0.00	46.73 2.31 0.00	60.85 3.06 0.00	71.36 3.91 0.00	65.45 3.53 0.00	63.24 3.58 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.74 3.77 0.00	63.98 3.79 0.00	63.08 3.68 0.00	70.94 3.95 0.00	89.05 5.04 0.00	111.19 6.19 0.00	99.00 5.69 0.00	86.25 4.96 0.00	71.00 3.83 0.00	64.39 3.82 0.00	55.33 3.47 0.00	52.50 3.16 0.00
FARRAGUT___LBMP 323566	45.95 2.06 0.00	41.82 1.88 0.00	40.73 1.60 0.00	39.09 1.54 0.00	40.03 1.69 0.00	46.73 2.31 0.00	60.85 3.06 0.00	71.30 3.84 0.00	65.38 3.47 0.00	63.18 3.52 0.00	62.24 3.63 0.00	61.69 3.60 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.88 3.89 0.00	88.96 4.96 0.00	111.08 6.09 0.00	98.90 5.60 0.00	86.17 4.88 0.00	71.00 3.83 0.00	64.33 3.76 0.00	55.33 3.47 0.00	52.45 3.11 0.00
FENNER___WINDPWR 24204	44.32 0.44 0.00	40.35 0.40 0.00	39.60 0.47 0.00	37.96 0.41 0.00	38.92 0.58 0.00	45.26 0.84 0.00	58.88 1.10 0.00	69.00 1.55 0.00	63.34 1.43 0.00	60.73 1.07 0.00	59.84 1.23 0.00	59.25 1.16 0.00	59.02 1.04 0.00	61.28 1.08 0.00	60.34 0.95 0.00	68.06 1.07 0.00	85.60 1.59 0.00	107.62 2.63 0.00	95.36 2.05 0.00	83.08 1.79 0.00	68.51 1.34 0.00	61.79 1.21 0.00	52.73 0.88 0.00	50.23 0.89 0.00
FIBERTEK___ENERGY 23856	43.23 -0.66 0.00	39.31 -0.64 0.00	38.58 -0.55 0.00	36.99 -0.56 0.00	37.88 -0.46 0.00	43.93 -0.49 0.00	57.03 -0.75 0.00	66.84 -0.61 0.00	61.36 -0.56 0.00	59.06 -0.60 0.00	58.14 -0.47 0.00	57.68 -0.41 0.00	57.51 -0.46 0.00	59.65 -0.54 0.00	58.74 -0.65 0.00	66.32 -0.67 0.00	83.17 -0.84 0.00	104.47 -0.52 0.00	92.84 -0.47 0.00	80.80 -0.49 0.00	66.70 -0.47 0.00	60.03 -0.55 0.00	51.39 -0.47 0.00	48.85 -0.49 0.00
FITZPATRICK___ 23598	42.22 -1.67 0.00	38.43 -1.52 0.00	37.68 -1.45 0.00	36.16 -1.39 0.00	37.00 -1.34 0.00	42.83 -1.60 0.00	55.59 -2.20 0.00	64.96 -2.49 0.00	59.63 -2.29 0.00	57.45 -2.21 0.00	56.44 -2.17 0.00	56.00 -2.09 0.00	55.83 -2.14 0.00	57.90 -2.29 0.00	57.08 -2.32 0.00	64.31 -2.68 0.00	80.73 -3.28 0.00	101.22 -3.78 0.00	89.76 -3.55 0.00	78.37 -2.92 0.00	64.69 -2.48 0.00	58.33 -2.24 0.00	49.94 -1.92 0.00	47.57 -1.77 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	45.60 1.71 0.00	41.55 1.60 0.00	40.50 1.37 0.00	38.94 1.39 0.00	39.80 1.46 0.00	46.38 1.95 0.00	60.50 2.72 0.00	70.89 3.44 0.00	65.01 3.10 0.00	62.64 2.98 0.00	61.65 3.05 0.00	61.16 3.08 0.00	61.05 3.07 0.00	63.44 3.25 0.00	62.54 3.15 0.00	70.41 3.42 0.00	88.46 4.45 0.00	110.66 5.67 0.00	98.62 5.32 0.00	85.92 4.63 0.00	70.59 3.43 0.00	64.03 3.45 0.00	54.91 3.06 0.00	52.11 2.76 0.00
FORT ORANGE___ 23900	44.32 0.44 0.00	40.47 0.52 0.00	39.64 0.51 0.00	38.08 0.53 0.00	38.95 0.61 0.00	45.18 0.75 0.00	58.71 0.92 0.00	68.67 1.22 0.00	62.72 0.80 0.00	60.31 0.66 0.00	59.37 0.76 0.00	58.67 0.58 0.00	58.61 0.64 0.00	60.92 0.72 0.00	60.29 0.89 0.00	68.20 1.21 0.00	85.35 1.34 0.00	106.46 1.47 0.00	94.89 1.58 0.00	82.59 1.30 0.00	68.24 1.07 0.00	61.60 1.03 0.00	52.79 0.93 0.00	50.13 0.79 0.00
FORT_DRUM_COGEN 23780	43.84 -0.04 0.00	39.95 0.00 0.00	39.13 0.00 0.00	37.51 -0.04 0.00	38.53 0.19 0.00	44.82 0.40 0.00	58.65 0.87 0.00	68.80 1.35 0.00	62.91 0.99 0.00	59.83 0.18 0.00	59.08 0.47 0.00	58.49 0.41 0.00	58.15 0.17 0.00	60.25 0.06 0.00	59.22 -0.18 0.00	66.59 -0.40 0.00	84.26 0.25 0.00	106.99 1.99 0.00	94.80 1.49 0.00	82.59 1.30 0.00	67.91 0.74 0.00	61.42 0.85 0.00	52.11 0.26 0.00	49.64 0.30 0.00
FOX_HILLS___ESR 323835	46.44 2.55 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.46 2.11 -0.01	47.23 2.80 -0.01	60.73 2.95 0.00	70.76 3.31 0.00	64.95 3.03 0.00	62.88 3.22 0.00	61.77 3.16 0.00	61.22 3.14 0.00	61.22 3.25 0.00	63.50 3.31 0.00	62.60 3.21 0.00	70.41 3.42 0.00	88.29 4.28 0.00	110.45 5.46 0.00	98.25 4.95 0.00	85.84 4.55 0.00	70.66 3.49 0.00	64.21 3.63 0.00	55.69 3.84 0.00	53.00 3.65 -0.01
FPL_FAR_ROCK_GT1 24212	46.78 2.90 0.00	42.51 2.56 0.00	41.20 2.07 0.00	39.58 2.03 0.00	40.64 2.30 0.00	47.35 2.93 0.00	60.62 2.83 0.00	71.43 3.98 0.00	65.32 3.40 0.00	63.17 3.52 0.00	63.12 4.51 0.00	62.79 4.70 0.00	62.90 4.93 0.00	65.01 4.82 0.00	64.03 4.64 0.00	72.42 5.42 0.00	91.73 7.72 0.00	114.65 9.65 0.00	102.35 9.05 0.00	89.50 8.21 0.00	73.01 5.84 0.00	66.14 5.57 0.00	57.25 5.39 0.00	54.08 4.74 0.00
FPL_FAR_ROCK_GT2 23815	46.78 2.90 0.00	42.51 2.56 0.00	41.20 2.07 0.00	39.58 2.03 0.00	40.64 2.30 0.00	47.35 2.93 0.00	60.62 2.83 0.00	71.43 3.98 0.00	65.32 3.40 0.00	63.17 3.52 0.00	63.12 4.51 0.00	62.79 4.70 0.00	62.90 4.93 0.00	65.01 4.82 0.00	64.03 4.64 0.00	72.42 5.42 0.00	91.73 7.72 0.00	114.65 9.65 0.00	102.35 9.05 0.00	89.50 8.21 0.00	73.01 5.84 0.00	66.14 5.57 0.00	57.25 5.39 0.00	54.08 4.74 0.00
FRANKLIN_FALL_HYD 24054	45.20 1.32 0.00	41.15 1.20 0.00	40.34 1.21 0.00	38.60 1.05 0.00	39.22 0.88 0.00	45.27 0.84 0.00	58.94 1.16 0.00	68.33 0.88 0.00	62.97 1.05 0.00	60.79 1.13 0.00	59.43 0.82 0.00	58.90 0.81 0.00	58.90 0.93 0.00	60.91 0.72 0.00	60.05 0.65 0.00	67.53 0.54 0.00	84.43 0.42 0.00	105.94 0.94 0.00	93.49 0.19 0.00	81.45 0.16 0.00	67.24 0.07 0.00	60.76 0.18 0.00	51.85 0.00 0.00	49.39 0.05 0.00

FREEPORT_EQUS_GT1 23764	46.16 2.28 0.00	41.94 2.00 0.00	40.70 1.57 0.00	39.09 1.54 0.00	40.15 1.80 0.00	46.82 2.40 0.00	59.81 2.02 0.00	70.56 3.10 0.00	64.46 2.54 0.00	62.28 2.62 0.00	62.24 3.63 0.00	61.86 3.77 0.00	61.97 4.00 0.00	64.05 3.86 0.00	63.14 3.74 0.00	71.41 4.42 0.00	90.14 6.13 0.00	112.66 7.66 0.00	100.59 7.28 0.00	87.96 6.67 0.00	72.07 4.90 0.00	65.24 4.66 0.00	56.57 4.72 0.00	53.39 4.05 0.00
FREEPORT___CT2 23818	46.16 2.28 0.00	41.94 2.00 0.00	40.70 1.57 0.00	39.09 1.54 0.00	40.15 1.80 0.00	46.82 2.40 0.00	59.81 2.02 0.00	70.56 3.10 0.00	64.46 2.54 0.00	62.28 2.62 0.00	62.24 3.63 0.00	61.86 3.77 0.00	61.97 4.00 0.00	64.05 3.86 0.00	63.14 3.74 0.00	71.41 4.42 0.00	90.14 6.13 0.00	112.66 7.66 0.00	100.59 7.28 0.00	87.96 6.67 0.00	72.07 4.90 0.00	65.24 4.66 0.00	56.57 4.72 0.00	53.39 4.05 0.00
FRESHKLS_33_KV_LOAD 356253	46.57 2.68 -0.01	42.35 2.40 -0.01	41.29 2.15 -0.01	39.62 2.07 -0.01	40.57 2.22 -0.01	47.36 2.93 -0.01	60.73 2.95 0.00	70.62 3.17 0.00	64.95 3.03 0.00	62.82 3.16 0.00	61.65 3.05 0.00	61.11 3.02 0.00	61.11 3.13 0.00	63.38 3.19 0.00	62.49 3.09 0.00	70.34 3.35 0.00	88.21 4.20 0.00	110.35 5.35 0.00	98.25 4.95 0.00	85.84 4.55 0.00	70.66 3.49 0.00	64.21 3.63 0.00	55.79 3.94 0.00	53.10 3.75 -0.01
FULTON COGEN____ 23766	42.48 -1.40 0.00	38.67 -1.28 0.00	37.92 -1.21 0.00	36.39 -1.16 0.00	37.23 -1.11 0.00	43.13 -1.29 0.00	56.05 -1.73 0.00	65.63 -1.82 0.00	60.25 -1.67 0.00	57.99 -1.67 0.00	57.02 -1.58 0.00	56.58 -1.51 0.00	56.41 -1.57 0.00	58.51 -1.69 0.00	57.61 -1.78 0.00	65.05 -1.94 0.00	81.57 -2.44 0.00	102.37 -2.62 0.00	91.07 -2.24 0.00	79.26 -2.03 0.00	65.42 -1.75 0.00	58.94 -1.64 0.00	50.45 -1.40 0.00	47.96 -1.38 0.00
FULTON___LFGE 323630	44.68 0.79 0.00	40.75 0.80 0.00	39.87 0.74 0.00	38.30 0.75 0.00	39.26 0.92 0.00	45.84 1.42 0.00	59.58 1.79 0.00	69.61 2.16 0.00	63.09 1.17 0.00	59.84 0.18 0.00	59.19 0.59 0.00	58.50 0.41 0.00	58.50 0.52 0.00	60.92 0.72 0.00	60.34 0.95 0.00	68.73 1.74 0.00	86.61 2.61 0.00	108.77 3.77 0.00	96.76 3.45 0.00	84.06 2.77 0.00	69.32 2.15 0.00	62.93 2.36 0.00	53.77 1.92 0.00	50.87 1.53 0.00
G.F.CEMENT___DRP 24184	45.95 2.06 0.00	41.90 1.96 0.00	41.05 1.92 0.00	39.43 1.88 0.00	40.38 2.03 0.00	46.96 2.53 0.00	60.04 2.25 0.00	70.22 2.77 0.00	64.21 2.29 0.00	61.62 1.97 0.00	60.72 2.11 0.00	59.89 1.80 0.00	60.00 2.03 0.00	62.12 1.93 0.00	61.36 1.96 0.00	69.34 2.34 0.00	87.28 3.28 0.00	108.88 3.88 0.00	96.85 3.55 0.00	84.22 2.93 0.00	69.79 2.62 0.00	63.06 2.48 0.00	55.12 3.27 0.00	52.20 2.86 0.00
GARDENVILLE___LBMP 24039	43.49 -0.39 0.00	39.23 -0.72 0.00	38.54 -0.59 0.00	36.87 -0.68 0.00	37.88 -0.46 0.00	42.96 -1.47 0.00	54.84 -2.95 0.00	63.61 -3.84 0.00	58.33 -3.59 0.00	56.79 -2.86 0.00	55.09 -3.52 0.00	55.24 -2.85 0.00	54.67 -3.30 0.00	56.28 -3.91 0.00	55.60 -3.80 0.00	62.10 -4.89 0.00	77.20 -6.80 0.00	99.01 -5.98 0.00	87.80 -5.51 0.00	76.17 -5.12 0.00	62.87 -4.30 0.00	56.76 -3.82 0.00	48.79 -3.06 0.00	47.47 -1.88 0.00
GARDNVLA_35_KV_LD 355827	43.75 -0.13 0.00	39.43 -0.52 0.00	38.78 -0.35 0.00	37.10 -0.45 0.00	38.07 -0.27 0.00	43.27 -1.15 0.00	55.24 -2.54 0.00	64.01 -3.44 0.00	58.82 -3.10 0.00	57.27 -2.39 0.00	55.68 -2.93 0.00	55.76 -2.32 0.00	55.25 -2.72 0.00	56.88 -3.31 0.00	56.13 -3.27 0.00	62.77 -4.22 0.00	78.04 -5.96 0.00	100.17 -4.83 0.00	88.73 -4.57 0.00	76.98 -4.31 0.00	63.47 -3.69 0.00	57.24 -3.33 0.00	49.26 -2.59 0.00	47.86 -1.48 0.00
GELCKHM___115KV_LOAD 80723	43.01 -0.88 0.00	39.11 -0.84 0.00	38.35 -0.78 0.00	36.80 -0.75 0.00	37.65 -0.69 0.00	43.62 -0.80 0.00	56.63 -1.16 0.00	66.30 -1.15 0.00	60.86 -1.05 0.00	58.64 -1.01 0.00	57.67 -0.94 0.00	57.22 -0.87 0.00	57.05 -0.93 0.00	59.17 -1.02 0.00	58.33 -1.07 0.00	65.79 -1.21 0.00	82.50 -1.51 0.00	103.52 -1.47 0.00	92.09 -1.21 0.00	80.15 -1.14 0.00	66.09 -1.07 0.00	59.54 -1.03 0.00	50.97 -0.88 0.00	48.50 -0.84 0.00
GENERAL___MILLS 23808	43.62 -0.26 0.00	39.31 -0.64 0.00	38.66 -0.47 0.00	36.99 -0.56 0.00	38.00 -0.35 0.00	43.13 -1.29 0.00	55.01 -2.77 0.00	63.74 -3.71 0.00	58.57 -3.34 0.00	57.03 -2.62 0.00	55.38 -3.22 0.00	55.53 -2.56 0.00	54.96 -3.01 0.00	56.58 -3.61 0.00	55.89 -3.50 0.00	62.44 -4.56 0.00	77.62 -6.38 0.00	99.54 -5.46 0.00	88.27 -5.04 0.00	76.58 -4.71 0.00	63.14 -4.03 0.00	57.00 -3.57 0.00	49.05 -2.80 0.00	47.66 -1.68 0.00
GE_PLASTICS___DRP 24183	44.28 0.39 0.00	40.35 0.40 0.00	39.52 0.39 0.00	37.96 0.41 0.00	38.80 0.46 0.00	45.00 0.58 0.00	58.48 0.69 0.00	68.40 0.94 0.00	62.60 0.68 0.00	60.25 0.60 0.00	59.31 0.70 0.00	58.67 0.58 0.00	58.67 0.70 0.00	60.91 0.72 0.00	60.23 0.83 0.00	68.00 1.00 0.00	85.27 1.26 0.00	105.94 0.94 0.00	94.33 1.03 0.00	82.18 0.89 0.00	68.11 0.94 0.00	61.42 0.85 0.00	52.63 0.78 0.00	50.03 0.69 0.00
GILBOA___1 23756	44.50 0.61 0.00	40.51 0.56 0.00	39.64 0.51 0.00	38.04 0.49 0.00	38.92 0.58 0.00	45.26 0.84 0.00	58.83 1.04 0.00	68.80 1.35 0.00	63.03 1.12 0.00	60.73 1.07 0.00	59.78 1.17 0.00	59.25 1.16 0.00	59.13 1.16 0.00	61.39 1.20 0.00	60.58 1.19 0.00	68.40 1.41 0.00	85.77 1.77 0.00	106.67 1.67 0.00	94.89 1.58 0.00	82.67 1.38 0.00	68.58 1.41 0.00	61.97 1.39 0.00	53.05 1.19 0.00	50.43 1.08 0.00
GILBOA___2 23757	44.50 0.61 0.00	40.51 0.56 0.00	39.64 0.51 0.00	38.04 0.49 0.00	38.92 0.58 0.00	45.26 0.84 0.00	58.83 1.04 0.00	68.80 1.35 0.00	63.03 1.12 0.00	60.73 1.07 0.00	59.78 1.17 0.00	59.25 1.16 0.00	59.13 1.16 0.00	61.39 1.20 0.00	60.58 1.19 0.00	68.40 1.41 0.00	85.77 1.77 0.00	106.67 1.67 0.00	94.89 1.58 0.00	82.67 1.38 0.00	68.58 1.41 0.00	61.97 1.39 0.00	53.05 1.19 0.00	50.43 1.08 0.00
GILBOA___3 23758	44.50 0.61 0.00	40.51 0.56 0.00	39.64 0.51 0.00	38.04 0.49 0.00	38.92 0.58 0.00	45.26 0.84 0.00	58.83 1.04 0.00	68.80 1.35 0.00	63.03 1.12 0.00	60.73 1.07 0.00	59.78 1.17 0.00	59.25 1.16 0.00	59.13 1.16 0.00	61.39 1.20 0.00	60.58 1.19 0.00	68.40 1.41 0.00	85.77 1.77 0.00	106.67 1.67 0.00	94.89 1.58 0.00	82.67 1.38 0.00	68.58 1.41 0.00	61.97 1.39 0.00	53.05 1.19 0.00	50.43 1.08 0.00
GILBOA___4 23759	44.50 0.61 0.00	40.51 0.56 0.00	39.64 0.51 0.00	38.04 0.49 0.00	38.92 0.58 0.00	45.26 0.84 0.00	58.83 1.04 0.00	68.80 1.35 0.00	63.03 1.12 0.00	60.73 1.07 0.00	59.78 1.17 0.00	59.25 1.16 0.00	59.13 1.16 0.00	61.39 1.20 0.00	60.58 1.19 0.00	68.40 1.41 0.00	85.77 1.77 0.00	106.67 1.67 0.00	94.89 1.58 0.00	82.67 1.38 0.00	68.58 1.41 0.00	61.97 1.39 0.00	53.05 1.19 0.00	50.43 1.08 0.00

GILBOA____ 23599	44.50 0.61 0.00	40.51 0.56 0.00	39.64 0.51 0.00	38.04 0.49 0.00	38.92 0.58 0.00	45.22 0.80 0.00	58.83 1.04 0.00	68.80 1.35 0.00	63.03 1.11 0.00	60.73 1.07 0.00	59.78 1.17 0.00	59.19 1.10 0.00	59.13 1.16 0.00	61.39 1.20 0.00	60.58 1.19 0.00	68.33 1.34 0.00	85.69 1.68 0.00	106.46 1.47 0.00	94.71 1.40 0.00	82.67 1.38 0.00	68.51 1.34 0.00	61.85 1.27 0.00	53.05 1.19 0.00	50.43 1.09 0.00
GINNA____ 23603	41.34 -2.55 0.00	37.35 -2.60 0.00	36.70 -2.43 0.00	35.19 -2.36 0.00	36.12 -2.22 0.00	41.49 -2.93 0.00	53.68 -4.10 0.00	62.59 -4.86 0.00	57.40 -4.52 0.00	55.78 -3.88 0.00	54.62 -3.99 0.00	54.37 -3.72 0.00	54.26 -3.71 0.00	55.92 -4.27 0.00	55.12 -4.28 0.00	61.70 -5.29 0.00	77.79 -6.22 0.00	98.38 -6.61 0.00	86.50 -6.81 0.00	75.60 -5.69 0.00	62.27 -4.90 0.00	56.28 -4.30 0.00	48.12 -3.73 0.00	46.24 -3.11 0.00
GLEN PARK____ 23778	43.88 0.00 0.00	39.99 0.04 0.00	39.17 0.04 0.00	37.55 0.00 0.00	38.61 0.27 0.00	44.91 0.49 0.00	58.83 1.04 0.00	69.00 1.55 0.00	63.09 1.17 0.00	59.90 0.24 0.00	59.13 0.53 0.00	58.50 0.41 0.00	58.15 0.17 0.00	60.25 0.06 0.00	59.28 -0.12 0.00	66.66 -0.33 0.00	84.51 0.51 0.00	107.41 2.42 0.00	95.07 1.77 0.00	82.92 1.63 0.00	68.18 1.01 0.00	61.60 1.03 0.00	52.27 0.41 0.00	49.79 0.44 0.00
GLENDALE_27_KV_LOAD 356172	46.39 2.50 -0.01	42.19 2.24 -0.01	41.09 1.96 -0.01	39.44 1.88 -0.01	40.38 2.03 -0.01	47.14 2.71 -0.01	61.14 3.35 0.00	71.36 3.91 0.00	65.57 3.65 0.00	63.47 3.82 0.00	62.47 3.87 0.00	61.92 3.83 0.00	61.92 3.94 0.00	64.16 3.97 0.00	63.26 3.86 0.00	71.08 4.09 0.00	89.05 5.04 0.00	111.40 6.40 0.00	99.09 5.78 0.00	86.33 5.04 0.00	71.20 4.03 0.00	64.57 4.00 0.00	55.74 3.89 0.00	52.95 3.60 -0.01
GLENWOOD_IC_1_G5 23712	45.99 2.11 0.00	41.82 1.88 0.00	40.66 1.53 0.00	39.05 1.50 0.00	40.03 1.69 0.00	46.64 2.22 0.00	60.21 2.43 0.00	70.82 3.37 0.00	64.83 2.91 0.00	62.64 2.98 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.80 3.83 0.00	63.98 3.79 0.00	63.02 3.62 0.00	70.81 3.82 0.00	88.54 4.54 0.00	110.66 5.67 0.00	98.53 5.23 0.00	86.00 4.71 0.00	70.66 3.49 0.00	64.27 3.70 0.00	55.74 3.89 0.00	52.75 3.40 0.00
GLENWOOD_IC_2_G1 23688	45.81 1.93 0.00	41.66 1.72 0.00	40.58 1.45 0.00	38.94 1.39 0.00	39.92 1.57 0.00	46.60 2.18 0.00	60.16 2.37 0.00	70.69 3.24 0.00	64.77 2.85 0.00	62.52 2.86 0.00	61.95 3.34 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.68 3.49 0.00	62.78 3.38 0.00	70.88 3.88 0.00	89.39 5.38 0.00	111.61 6.62 0.00	99.56 6.25 0.00	86.82 5.53 0.00	71.20 4.03 0.00	64.51 3.94 0.00	55.53 3.68 0.00	52.55 3.21 0.00
GLENWOOD_IC_3_G1 23689	45.81 1.93 0.00	41.66 1.72 0.00	40.58 1.45 0.00	38.94 1.39 0.00	39.92 1.57 0.00	46.60 2.18 0.00	60.16 2.37 0.00	70.69 3.24 0.00	64.77 2.85 0.00	62.52 2.86 0.00	61.95 3.34 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.68 3.49 0.00	62.78 3.38 0.00	70.88 3.88 0.00	89.39 5.38 0.00	111.61 6.62 0.00	99.56 6.25 0.00	86.82 5.53 0.00	71.20 4.03 0.00	64.51 3.94 0.00	55.53 3.68 0.00	52.55 3.21 0.00
GLENWOOD____4 23550	45.99 2.11 0.00	41.82 1.88 0.00	40.66 1.53 0.00	39.05 1.50 0.00	40.03 1.69 0.00	46.64 2.22 0.00	60.21 2.43 0.00	70.82 3.37 0.00	64.83 2.91 0.00	62.64 2.98 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.80 3.83 0.00	63.98 3.79 0.00	63.02 3.62 0.00	70.81 3.82 0.00	88.54 4.54 0.00	110.66 5.67 0.00	98.53 5.23 0.00	86.00 4.71 0.00	70.66 3.49 0.00	64.27 3.70 0.00	55.74 3.89 0.00	52.75 3.40 0.00
GLENWOOD____5 23614	45.99 2.11 0.00	41.82 1.88 0.00	40.66 1.53 0.00	39.05 1.50 0.00	40.03 1.69 0.00	46.64 2.22 0.00	60.21 2.43 0.00	70.82 3.37 0.00	64.83 2.91 0.00	62.64 2.98 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.80 3.83 0.00	63.98 3.79 0.00	63.02 3.62 0.00	70.81 3.82 0.00	88.54 4.54 0.00	110.66 5.67 0.00	98.53 5.23 0.00	86.00 4.71 0.00	70.66 3.49 0.00	64.27 3.70 0.00	55.74 3.89 0.00	52.75 3.40 0.00
GLOBAL GREEN_PORT_GT1 23814	46.78 2.90 0.00	42.54 2.60 0.00	41.12 1.99 0.00	39.46 1.91 0.00	40.68 2.34 0.00	47.40 2.98 0.00	60.04 2.25 0.00	71.98 3.71 -0.82	64.65 2.72 -0.01	62.77 3.10 -0.01	63.12 4.51 0.00	62.38 4.30 0.00	62.67 4.69 0.00	64.80 4.27 -0.33	63.56 4.10 -0.07	72.02 5.03 0.00	91.57 7.56 0.00	114.53 9.34 -0.19	101.71 8.40 0.00	88.94 7.64 -0.01	72.14 4.97 0.00	65.30 4.73 0.00	56.57 4.72 0.00	53.73 4.39 0.00
GLOBE____DSASP 323697	43.05 -0.83 0.00	38.79 -1.16 0.00	38.11 -1.02 0.00	36.50 -1.05 0.00	37.46 -0.88 0.00	41.67 -2.75 0.00	52.87 -4.91 0.00	61.11 -6.34 0.00	56.10 -5.82 0.00	54.76 -4.89 0.00	53.27 -5.33 0.00	53.38 -4.70 0.00	52.87 -5.10 0.00	54.47 -5.72 0.00	53.81 -5.58 0.00	60.16 -6.83 0.00	74.60 -9.41 0.00	95.23 -9.76 0.00	84.63 -8.68 0.00	73.49 -7.80 0.00	60.72 -6.45 0.00	54.94 -5.63 0.00	47.29 -4.56 0.00	46.13 -3.21 0.00
GOETHSLN____LBMP 323567	45.77 1.89 0.00	41.67 1.72 0.00	40.58 1.45 0.00	38.94 1.39 0.00	39.88 1.53 0.00	46.56 2.13 0.00	60.62 2.83 0.00	71.16 3.71 0.00	65.20 3.28 0.00	63.00 3.34 0.00	62.01 3.40 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.74 3.55 0.00	62.84 3.44 0.00	70.68 3.68 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	85.92 4.63 0.00	70.80 3.63 0.00	64.15 3.57 0.00	55.12 3.27 0.00	52.30 2.96 0.00
GOLAH____69_KV_TB 1_2 80279	43.75 -0.13 0.00	39.51 -0.44 0.00	38.74 -0.39 0.00	37.14 -0.41 0.00	38.19 -0.15 0.00	43.62 -0.80 0.00	56.05 -1.73 0.00	65.29 -2.16 0.00	59.87 -2.04 0.00	58.22 -1.43 0.00	56.85 -1.76 0.00	56.81 -1.28 0.00	56.35 -1.62 0.00	58.08 -2.11 0.00	57.26 -2.14 0.00	64.11 -2.88 0.00	80.14 -3.86 0.00	101.95 -3.04 0.00	90.51 -2.80 0.00	78.77 -2.52 0.00	64.89 -2.28 0.00	58.58 -2.00 0.00	50.14 -1.71 0.00	48.50 -0.84 0.00
GOODYEAR_LAKE_HYD 323669	44.63 0.75 0.00	40.63 0.68 0.00	39.72 0.59 0.00	38.15 0.60 0.00	39.11 0.77 0.00	45.58 1.15 0.00	59.35 1.56 0.00	69.54 2.09 0.00	63.71 1.80 0.00	61.09 1.43 0.00	60.42 1.82 0.00	59.89 1.80 0.00	59.60 1.62 0.00	61.88 1.69 0.00	60.94 1.54 0.00	68.80 1.81 0.00	86.53 2.52 0.00	108.56 3.57 0.00	96.29 2.99 0.00	83.89 2.60 0.00	69.12 1.95 0.00	62.51 1.94 0.00	53.36 1.50 0.00	50.72 1.38 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	44.06 0.18 0.00	40.03 0.08 0.00	39.25 0.12 0.00	37.63 0.08 0.00	38.53 0.19 0.00	44.65 0.22 0.00	57.90 0.12 0.00	67.79 0.34 0.00	62.10 0.19 0.00	59.78 0.12 0.00	58.67 0.06 0.00	58.32 0.23 0.00	58.03 0.06 0.00	60.13 -0.06 0.00	59.28 -0.12 0.00	66.79 -0.20 0.00	83.76 -0.25 0.00	105.52 0.52 0.00	93.68 0.37 0.00	81.62 0.33 0.00	67.37 0.20 0.00	60.70 0.12 0.00	51.96 0.10 0.00	49.59 0.25 0.00

GOUDEY___7 23579	44.06 0.18 0.00	40.03 0.08 0.00	39.25 0.12 0.00	37.63 0.08 0.00	38.53 0.19 0.00	44.65 0.22 0.00	57.90 0.12 0.00	67.79 0.34 0.00	62.10 0.19 0.00	59.78 0.12 0.00	58.67 0.06 0.00	58.32 0.23 0.00	58.03 0.06 0.00	60.13 -0.06 0.00	59.28 -0.12 0.00	66.79 -0.20 0.00	83.76 -0.25 0.00	105.52 0.52 0.00	93.68 0.37 0.00	81.62 0.33 0.00	67.37 0.20 0.00	60.70 0.12 0.00	51.96 0.10 0.00	49.59 0.25 0.00
GOUDEY___8 23580	44.06 0.18 0.00	40.03 0.08 0.00	39.25 0.12 0.00	37.63 0.08 0.00	38.53 0.19 0.00	44.65 0.22 0.00	57.90 0.12 0.00	67.79 0.34 0.00	62.10 0.19 0.00	59.78 0.12 0.00	58.67 0.06 0.00	58.32 0.23 0.00	58.03 0.06 0.00	60.13 -0.06 0.00	59.28 -0.12 0.00	66.79 -0.20 0.00	83.76 -0.25 0.00	105.52 0.52 0.00	93.68 0.37 0.00	81.62 0.33 0.00	67.37 0.20 0.00	60.70 0.12 0.00	51.96 0.10 0.00	49.59 0.25 0.00
GOWANUS_GT1_1 24077	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GOWANUS_GT1_2 24078	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GOWANUS_GT1_3 24079	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GOWANUS_GT1_4 24080	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GOWANUS_GT1_5 24084	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GOWANUS_GT1_6 24111	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GOWANUS_GT1_7 24112	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GOWANUS_GT1_8 24113	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GOWANUS_GT2_1 24114	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
GOWANUS_GT2_2 24115	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
GOWANUS_GT2_3 24116	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
GOWANUS_GT2_4 24117	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
GOWANUS_GT2_5 24118	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01

GOWANUS_GT2_6 24119	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
GOWANUS_GT2_7 24120	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
GOWANUS_GT2_8 24121	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
GOWANUS_GT3_1 24122	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
GOWANUS_GT3_2 24123	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
GOWANUS_GT3_3 24124	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
GOWANUS_GT3_4 24125	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
GOWANUS_GT3_5 24126	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
GOWANUS_GT3_6 24127	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
GOWANUS_GT3_7 24128	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
GOWANUS_GT3_8 24129	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
GOWANUS_GT4_1 24130	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GOWANUS_GT4_2 24131	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GOWANUS_GT4_3 24132	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GOWANUS_GT4_4 24133	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01

GOWANUS_GT4_5 24134	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GOWANUS_GT4_6 24135	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GOWANUS_GT4_7 24136	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GOWANUS_GT4_8 24137	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GREATVR_69_KV_BK1 356245	46.65 2.76 0.00	42.38 2.44 0.00	41.05 1.92 0.00	39.43 1.88 0.00	40.57 2.22 0.00	47.22 2.80 0.00	60.27 2.48 0.00	71.87 3.78 -0.64	64.77 2.85 -0.01	62.59 2.92 0.00	62.71 4.10 0.00	62.15 4.07 0.00	62.61 4.64 0.00	64.97 4.51 -0.26	63.90 4.45 -0.05	71.35 4.35 0.00	88.63 4.62 0.00	111.23 6.09 -0.14	98.81 5.51 0.00	86.66 5.37 -0.01	70.80 3.63 0.00	64.94 4.36 0.00	57.04 5.19 0.00	53.78 4.44 0.00
GREENBSH_115KV_TB3 55895	44.19 0.31 0.00	40.27 0.32 0.00	39.48 0.35 0.00	37.93 0.38 0.00	38.80 0.46 0.00	44.96 0.53 0.00	58.42 0.64 0.00	68.33 0.88 0.00	62.41 0.50 0.00	60.13 0.48 0.00	59.25 0.64 0.00	58.49 0.41 0.00	58.55 0.58 0.00	60.79 0.60 0.00	60.11 0.71 0.00	67.93 0.94 0.00	85.18 1.18 0.00	105.73 0.73 0.00	94.15 0.84 0.00	82.02 0.73 0.00	67.98 0.81 0.00	61.30 0.73 0.00	52.53 0.67 0.00	49.93 0.59 0.00
GREENDGE_115KV_TB5 80291	44.45 0.57 0.00	40.23 0.28 0.00	39.64 0.51 0.00	37.85 0.30 0.00	38.84 0.50 0.00	45.04 0.62 0.00	57.50 -0.29 0.00	67.52 0.07 0.00	61.55 -0.37 0.00	58.94 -0.72 0.00	57.32 -1.29 0.00	57.22 -0.87 0.00	56.58 -1.39 0.00	58.45 -1.75 0.00	57.56 -1.84 0.00	64.78 -2.21 0.00	80.06 -3.95 0.00	101.43 -3.57 0.00	90.23 -3.08 0.00	79.42 -1.87 0.00	66.50 -0.67 0.00	59.61 -0.97 0.00	51.70 -0.16 0.00	49.49 0.15 0.00
GREENIDGE___3 23582	44.45 0.57 0.00	40.23 0.28 0.00	39.64 0.51 0.00	37.85 0.30 0.00	38.84 0.50 0.00	45.04 0.62 0.00	57.50 -0.29 0.00	67.52 0.07 0.00	61.55 -0.37 0.00	58.94 -0.72 0.00	57.32 -1.29 0.00	57.22 -0.87 0.00	56.58 -1.39 0.00	58.45 -1.75 0.00	57.56 -1.84 0.00	64.78 -2.21 0.00	80.06 -3.95 0.00	101.43 -3.57 0.00	90.23 -3.08 0.00	79.42 -1.87 0.00	66.50 -0.67 0.00	59.61 -0.97 0.00	51.70 -0.16 0.00	49.49 0.15 0.00
GREENIDGE___4 23583	44.45 0.57 0.00	40.19 0.24 0.00	39.64 0.51 0.00	37.85 0.30 0.00	38.84 0.50 0.00	45.09 0.67 0.00	57.50 -0.29 0.00	67.52 0.07 0.00	61.49 -0.43 0.00	58.94 -0.71 0.00	57.32 -1.29 0.00	56.98 -1.11 0.00	56.58 -1.39 0.00	58.44 -1.75 0.00	57.55 -1.84 0.00	64.38 -2.61 0.00	79.89 -4.11 0.00	101.11 -3.88 0.00	89.20 -4.10 0.00	77.80 -3.49 0.00	66.23 -0.94 0.00	59.67 -0.91 0.00	50.87 -0.99 0.00	49.49 0.15 0.00
GREENLWN_69_KV_BK 3 55738	45.82 1.93 0.00	41.63 1.68 0.00	40.38 1.25 0.00	38.79 1.24 0.00	39.84 1.50 0.00	46.42 2.00 0.00	58.88 1.10 0.00	69.00 1.89 0.34	63.27 1.36 0.00	61.20 1.55 0.00	61.36 2.75 0.00	60.87 2.79 0.00	61.28 3.30 0.00	63.00 2.95 0.14	62.22 2.85 0.03	69.74 2.75 0.00	86.61 2.60 0.00	108.08 3.25 0.17	96.48 3.17 0.00	84.37 3.09 0.01	69.18 2.02 0.00	63.36 2.79 0.00	55.90 4.04 0.00	52.75 3.40 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01
GRISSOM___SOLAR 323813	44.81 0.92 0.00	40.87 0.92 0.00	39.99 0.86 0.00	38.41 0.86 0.00	39.38 1.04 0.00	45.93 1.51 0.00	59.75 1.97 0.00	69.75 2.29 0.00	63.22 1.30 0.00	60.02 0.36 0.00	59.25 0.65 0.00	58.55 0.46 0.00	58.61 0.64 0.00	60.97 0.78 0.00	60.47 1.07 0.00	68.94 1.94 0.00	86.78 2.77 0.00	108.88 3.89 0.00	96.94 3.64 0.00	84.21 2.92 0.00	69.45 2.29 0.00	63.00 2.43 0.00	53.87 2.02 0.00	51.02 1.68 0.00
GROVEVILLE___HYD 323602	45.60 1.71 0.00	41.55 1.60 0.00	40.50 1.37 0.00	38.94 1.39 0.00	39.80 1.46 0.00	46.38 1.95 0.00	60.50 2.72 0.00	70.89 3.44 0.00	65.01 3.10 0.00	62.64 2.98 0.00	61.65 3.05 0.00	61.16 3.08 0.00	61.05 3.07 0.00	63.44 3.25 0.00	62.54 3.15 0.00	70.41 3.42 0.00	88.46 4.45 0.00	110.66 5.67 0.00	98.62 5.32 0.00	85.92 4.63 0.00	70.59 3.43 0.00	64.03 3.45 0.00	54.91 3.06 0.00	52.11 2.76 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.23 -0.66 0.00	39.31 -0.64 0.00	38.58 -0.55 0.00	36.99 -0.56 0.00	37.88 -0.46 0.00	43.93 -0.49 0.00	57.03 -0.75 0.00	66.84 -0.61 0.00	61.36 -0.56 0.00	59.06 -0.60 0.00	58.14 -0.47 0.00	57.68 -0.41 0.00	57.51 -0.46 0.00	59.65 -0.54 0.00	58.74 -0.65 0.00	66.32 -0.67 0.00	83.17 -0.84 0.00	104.47 -0.52 0.00	92.84 -0.47 0.00	80.80 -0.49 0.00	66.70 -0.47 0.00	60.03 -0.55 0.00	51.39 -0.47 0.00	48.85 -0.49 0.00
HAMLTNNY_34_KV_TB 80303	43.36 -0.53 0.00	39.39 -0.56 0.00	38.70 -0.43 0.00	37.06 -0.49 0.00	37.96 -0.38 0.00	44.02 -0.40 0.00	57.15 -0.64 0.00	66.98 -0.47 0.00	61.48 -0.43 0.00	59.18 -0.48 0.00	58.20 -0.41 0.00	57.85 -0.23 0.00	57.57 -0.41 0.00	59.71 -0.48 0.00	58.80 -0.59 0.00	66.39 -0.60 0.00	83.25 -0.76 0.00	104.68 -0.31 0.00	93.03 -0.28 0.00	80.96 -0.33 0.00	66.77 -0.40 0.00	60.15 -0.42 0.00	51.44 -0.41 0.00	48.95 -0.39 0.00

HAMPSHIRE___PAPER_HYD 323593	44.41 0.53 0.00	40.47 0.52 0.00	39.64 0.51 0.00	38.00 0.45 0.00	38.77 0.42 0.00	44.91 0.49 0.00	58.65 0.87 0.00	68.46 1.01 0.00	62.78 0.87 0.00	60.08 0.42 0.00	59.07 0.47 0.00	58.55 0.46 0.00	58.38 0.41 0.00	60.49 0.30 0.00	59.52 0.12 0.00	66.59 -0.40 0.00	83.67 -0.33 0.00	105.10 0.11 0.00	93.12 -0.19 0.00	81.37 0.08 0.00	67.17 0.00 0.00	60.82 0.24 0.00	51.96 0.10 0.00	49.49 0.15 0.00
HARDSCRABBLE_WT_PWR 323673	45.73 1.84 0.00	41.62 1.68 0.00	40.77 1.64 0.00	39.13 1.58 0.00	40.03 1.69 0.00	46.42 2.00 0.00	60.45 2.66 0.00	70.69 3.24 0.00	64.83 2.91 0.00	62.34 2.69 0.00	61.59 2.99 0.00	60.99 2.90 0.00	60.76 2.78 0.00	63.02 2.83 0.00	62.07 2.68 0.00	69.74 2.75 0.00	87.54 3.53 0.00	109.51 4.51 0.00	97.22 3.92 0.00	84.78 3.49 0.00	69.99 2.82 0.00	63.42 2.85 0.00	54.24 2.39 0.00	51.66 2.32 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.46 1.58 0.00	41.43 1.48 0.00	40.38 1.25 0.00	38.83 1.28 0.00	39.69 1.34 0.00	46.24 1.82 0.00	60.27 2.48 0.00	70.69 3.24 0.00	64.83 2.91 0.00	62.46 2.80 0.00	61.48 2.87 0.00	60.99 2.90 0.00	60.93 2.96 0.00	63.26 3.07 0.00	62.31 2.91 0.00	70.21 3.22 0.00	88.12 4.12 0.00	110.35 5.35 0.00	98.25 4.95 0.00	85.60 4.31 0.00	70.39 3.22 0.00	63.85 3.27 0.00	54.76 2.90 0.00	51.91 2.57 0.00
HARSNRAD_115KV_TB1 81005	43.18 -0.70 0.00	38.91 -1.04 0.00	38.23 -0.90 0.00	36.57 -0.98 0.00	37.58 -0.77 0.00	42.51 -1.91 0.00	54.15 -3.64 0.00	62.66 -4.79 0.00	57.52 -4.40 0.00	56.08 -3.58 0.00	54.50 -4.10 0.00	54.60 -3.49 0.00	54.09 -3.88 0.00	55.68 -4.51 0.00	55.00 -4.40 0.00	61.43 -5.56 0.00	76.45 -7.56 0.00	97.86 -7.14 0.00	86.87 -6.44 0.00	75.36 -5.93 0.00	62.20 -4.97 0.00	56.21 -4.36 0.00	48.33 -3.53 0.00	47.12 -2.22 0.00
HARZA MOOSE___RIVER 24016	44.41 0.53 0.00	40.47 0.52 0.00	39.64 0.51 0.00	38.04 0.49 0.00	38.99 0.65 0.00	45.31 0.89 0.00	59.17 1.39 0.00	69.27 1.82 0.00	63.65 1.73 0.00	60.85 1.19 0.00	60.07 1.47 0.00	59.36 1.28 0.00	59.02 1.04 0.00	61.27 1.08 0.00	60.29 0.89 0.00	67.66 0.67 0.00	85.27 1.26 0.00	107.41 2.41 0.00	95.17 1.87 0.00	82.92 1.63 0.00	68.31 1.14 0.00	61.73 1.15 0.00	52.58 0.73 0.00	50.03 0.69 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.96 -0.92 0.00	39.07 -0.88 0.00	38.35 -0.78 0.00	36.76 -0.79 0.00	37.65 -0.69 0.00	43.62 -0.80 0.00	56.57 -1.21 0.00	66.30 -1.15 0.00	60.86 -1.05 0.00	58.58 -1.07 0.00	57.67 -0.94 0.00	57.22 -0.87 0.00	56.99 -0.99 0.00	59.17 -1.02 0.00	58.27 -1.13 0.00	65.72 -1.27 0.00	82.41 -1.60 0.00	103.52 -1.47 0.00	92.00 -1.31 0.00	80.07 -1.22 0.00	66.09 -1.07 0.00	59.48 -1.09 0.00	51.02 -0.83 0.00	48.50 -0.84 0.00
HELLGATE_13_KV_LD 55870	46.48 2.59 -0.01	42.27 2.32 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.46 2.11 -0.01	47.19 2.75 -0.01	61.20 3.41 0.00	71.36 3.91 0.00	65.57 3.65 0.00	63.47 3.82 0.00	62.42 3.81 0.00	61.92 3.83 0.00	61.86 3.88 0.00	64.16 3.97 0.00	63.26 3.86 0.00	71.08 4.09 0.00	89.05 5.04 0.00	111.29 6.30 0.00	99.00 5.69 0.00	86.33 5.04 0.00	71.13 3.96 0.00	64.57 4.00 0.00	55.79 3.94 0.00	53.05 3.70 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.48 2.59 -0.01	42.27 2.32 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.46 2.11 -0.01	47.19 2.75 -0.01	61.20 3.41 0.00	71.36 3.91 0.00	65.57 3.65 0.00	63.47 3.82 0.00	62.42 3.81 0.00	61.92 3.83 0.00	61.86 3.88 0.00	64.16 3.97 0.00	63.26 3.86 0.00	71.08 4.09 0.00	89.05 5.04 0.00	111.29 6.30 0.00	99.00 5.69 0.00	86.33 5.04 0.00	71.13 3.96 0.00	64.57 4.00 0.00	55.79 3.94 0.00	53.05 3.70 -0.01
HEMPSTEAD___ 23647	45.86 1.98 0.00	41.66 1.72 0.00	40.46 1.33 0.00	38.83 1.28 0.00	39.88 1.54 0.00	46.51 2.09 0.00	59.58 1.79 0.00	70.22 2.77 0.00	64.21 2.29 0.00	62.04 2.39 0.00	61.89 3.28 0.00	61.51 3.43 0.00	61.57 3.60 0.00	63.68 3.49 0.00	62.78 3.38 0.00	70.94 3.95 0.00	89.72 5.72 0.00	112.03 7.04 0.00	100.03 6.72 0.00	87.31 6.02 0.00	71.40 4.23 0.00	64.75 4.18 0.00	56.00 4.15 0.00	52.90 3.55 0.00
HICKLING___1 23621	43.88 0.00 0.00	39.71 -0.24 0.00	39.13 0.00 0.00	37.36 -0.19 0.00	38.30 -0.04 0.00	44.16 -0.27 0.00	56.80 -0.98 0.00	66.44 -1.01 0.00	60.68 -1.24 0.00	58.52 -1.13 0.00	56.85 -1.76 0.00	56.92 -1.16 0.00	56.29 -1.68 0.00	58.08 -2.11 0.00	57.20 -2.20 0.00	64.04 -2.95 0.00	79.81 -4.20 0.00	102.48 -2.52 0.00	90.88 -2.43 0.00	78.93 -2.36 0.00	65.29 -1.88 0.00	58.76 -1.82 0.00	50.40 -1.45 0.00	48.55 -0.79 0.00
HICKLING___2 23622	43.88 0.00 0.00	39.71 -0.24 0.00	39.13 0.00 0.00	37.36 -0.19 0.00	38.30 -0.04 0.00	44.16 -0.27 0.00	56.80 -0.98 0.00	66.44 -1.01 0.00	60.68 -1.24 0.00	58.52 -1.13 0.00	56.85 -1.76 0.00	56.92 -1.16 0.00	56.29 -1.68 0.00	58.08 -2.11 0.00	57.20 -2.20 0.00	64.04 -2.95 0.00	79.81 -4.20 0.00	102.48 -2.52 0.00	90.88 -2.43 0.00	78.93 -2.36 0.00	65.29 -1.88 0.00	58.76 -1.82 0.00	50.40 -1.45 0.00	48.55 -0.79 0.00
HIGH FALLS___HY 23754	45.68 1.80 0.00	41.63 1.68 0.00	40.54 1.41 0.00	39.01 1.46 0.00	39.88 1.53 0.00	46.51 2.09 0.00	60.73 2.95 0.00	71.23 3.78 0.00	65.26 3.34 0.00	62.76 3.10 0.00	61.71 3.11 0.00	61.22 3.14 0.00	61.05 3.07 0.00	63.44 3.25 0.00	62.54 3.15 0.00	70.48 3.48 0.00	88.63 4.62 0.00	111.29 6.30 0.00	99.09 5.78 0.00	86.41 5.12 0.00	70.80 3.63 0.00	64.33 3.76 0.00	55.12 3.27 0.00	52.30 2.96 0.00
HIGH_RIVER___SOLAR 323847	44.68 0.79 0.00	40.75 0.80 0.00	39.87 0.74 0.00	38.30 0.75 0.00	39.23 0.88 0.00	45.75 1.33 0.00	59.46 1.68 0.00	69.34 1.89 0.00	62.85 0.93 0.00	59.60 -0.06 0.00	58.84 0.24 0.00	58.20 0.12 0.00	58.21 0.23 0.00	60.62 0.42 0.00	60.17 0.77 0.00	68.46 1.47 0.00	86.28 2.27 0.00	108.35 3.36 0.00	96.48 3.17 0.00	83.89 2.60 0.00	69.18 2.01 0.00	62.69 2.12 0.00	53.67 1.81 0.00	50.82 1.48 0.00
HILLBURN___GT 23639	45.46 1.58 0.00	41.38 1.44 0.00	40.38 1.25 0.00	38.75 1.20 0.00	39.68 1.34 0.00	46.33 1.91 0.00	60.27 2.48 0.00	70.76 3.30 0.00	64.83 2.91 0.00	62.52 2.86 0.00	61.54 2.93 0.00	61.10 3.02 0.00	60.99 3.01 0.00	63.26 3.07 0.00	62.37 2.97 0.00	70.34 3.35 0.00	88.54 4.53 0.00	110.66 5.67 0.00	98.62 5.32 0.00	85.92 4.63 0.00	70.59 3.42 0.00	64.03 3.45 0.00	54.81 2.95 0.00	51.96 2.61 0.00
HILLSIDE_115KV_TB1 80332	43.31 -0.57 0.00	39.15 -0.80 0.00	38.54 -0.59 0.00	36.87 -0.68 0.00	37.81 -0.54 0.00	43.53 -0.89 0.00	56.05 -1.73 0.00	65.50 -1.96 0.00	59.69 -2.23 0.00	57.57 -2.09 0.00	55.91 -2.70 0.00	56.05 -2.03 0.00	55.42 -2.55 0.00	57.18 -3.01 0.00	56.37 -3.03 0.00	63.11 -3.89 0.00	78.63 -5.38 0.00	100.90 -4.09 0.00	89.48 -3.83 0.00	77.79 -3.50 0.00	64.35 -2.82 0.00	57.91 -2.67 0.00	49.73 -2.13 0.00	47.91 -1.43 0.00

HISHELDN_WT_PWR 323625	43.36 -0.52 0.00	39.07 -0.88 0.00	38.50 -0.63 0.00	36.84 -0.71 0.00	37.73 -0.61 0.00	43.00 -1.42 0.00	54.84 -2.94 0.00	63.74 -3.71 0.00	58.39 -3.53 0.00	56.67 -2.98 0.00	54.97 -3.63 0.00	54.78 -3.31 0.00	54.50 -3.48 0.00	56.10 -4.09 0.00	55.36 -4.04 0.00	61.16 -5.83 0.00	76.61 -7.39 0.00	98.27 -6.72 0.00	86.21 -7.10 0.00	75.28 -6.01 0.00	62.33 -4.84 0.00	56.64 -3.94 0.00	48.59 -3.27 0.00	47.22 -2.12 0.00
HOLTSVILLE_IC_1 23690	46.12 2.24 0.00	41.90 1.96 0.00	40.58 1.45 0.00	38.98 1.43 0.00	40.11 1.76 0.00	46.73 2.31 0.00	59.29 1.50 0.00	70.87 2.56 -0.85	63.72 1.80 -0.01	61.63 1.97 -0.01	61.83 3.22 0.00	61.45 3.37 0.00	61.80 3.83 0.00	64.09 3.55 -0.35	62.91 3.44 -0.07	71.22 4.22 0.00	90.31 6.30 0.00	113.18 7.98 -0.20	100.77 7.47 0.00	88.13 6.83 -0.01	71.80 4.63 0.00	65.12 4.55 0.00	56.62 4.77 0.00	53.39 4.05 0.00
HOLTSVILLE_IC_10 23699	46.34 2.46 0.00	42.06 2.12 0.00	40.77 1.64 0.00	39.13 1.58 0.00	40.26 1.92 0.00	46.91 2.49 0.00	59.58 1.79 0.00	71.15 2.96 -0.73	64.03 2.11 -0.01	61.93 2.27 -0.01	62.12 3.52 0.00	61.75 3.66 0.00	62.09 4.12 0.00	64.40 3.91 -0.29	63.26 3.80 -0.06	71.61 4.62 0.00	90.98 6.97 0.00	113.98 8.82 -0.17	101.52 8.21 0.00	88.77 7.47 -0.01	72.27 5.10 0.00	65.48 4.90 0.00	56.94 5.08 0.00	53.69 4.34 0.00
HOLTSVILLE_IC_2 23691	46.12 2.24 0.00	41.90 1.96 0.00	40.58 1.45 0.00	38.98 1.43 0.00	40.11 1.76 0.00	46.73 2.31 0.00	59.29 1.50 0.00	70.87 2.56 -0.85	63.72 1.80 -0.01	61.63 1.97 -0.01	61.83 3.22 0.00	61.45 3.37 0.00	61.80 3.83 0.00	64.09 3.55 -0.35	62.91 3.44 -0.07	71.22 4.22 0.00	90.31 6.30 0.00	113.18 7.98 -0.20	100.77 7.47 0.00	88.13 6.83 -0.01	71.80 4.63 0.00	65.12 4.55 0.00	56.62 4.77 0.00	53.39 4.05 0.00
HOLTSVILLE_IC_3 23692	46.12 2.24 0.00	41.90 1.96 0.00	40.58 1.45 0.00	38.98 1.43 0.00	40.11 1.76 0.00	46.73 2.31 0.00	59.29 1.50 0.00	70.87 2.56 -0.85	63.72 1.80 -0.01	61.63 1.97 -0.01	61.83 3.22 0.00	61.45 3.37 0.00	61.80 3.83 0.00	64.09 3.55 -0.35	62.91 3.44 -0.07	71.22 4.22 0.00	90.31 6.30 0.00	113.18 7.98 -0.20	100.77 7.47 0.00	88.13 6.83 -0.01	71.80 4.63 0.00	65.12 4.55 0.00	56.62 4.77 0.00	53.39 4.05 0.00
HOLTSVILLE_IC_4 23693	46.12 2.24 0.00	41.90 1.96 0.00	40.58 1.45 0.00	38.98 1.43 0.00	40.11 1.76 0.00	46.73 2.31 0.00	59.29 1.50 0.00	70.87 2.56 -0.85	63.72 1.80 -0.01	61.63 1.97 -0.01	61.83 3.22 0.00	61.45 3.37 0.00	61.80 3.83 0.00	64.09 3.55 -0.35	62.91 3.44 -0.07	71.22 4.22 0.00	90.31 6.30 0.00	113.18 7.98 -0.20	100.77 7.47 0.00	88.13 6.83 -0.01	71.80 4.63 0.00	65.12 4.55 0.00	56.62 4.77 0.00	53.39 4.05 0.00
HOLTSVILLE_IC_5 23694	46.12 2.24 0.00	41.90 1.96 0.00	40.58 1.45 0.00	38.98 1.43 0.00	40.11 1.76 0.00	46.73 2.31 0.00	59.29 1.50 0.00	70.87 2.56 -0.85	63.72 1.80 -0.01	61.63 1.97 -0.01	61.83 3.22 0.00	61.45 3.37 0.00	61.80 3.83 0.00	64.09 3.55 -0.35	62.91 3.44 -0.07	71.22 4.22 0.00	90.31 6.30 0.00	113.18 7.98 -0.20	100.77 7.47 0.00	88.13 6.83 -0.01	71.80 4.63 0.00	65.12 4.55 0.00	56.62 4.77 0.00	53.39 4.05 0.00
HOLTSVILLE_IC_6 23695	46.34 2.46 0.00	42.06 2.12 0.00	40.77 1.64 0.00	39.13 1.58 0.00	40.26 1.92 0.00	46.91 2.49 0.00	59.58 1.79 0.00	71.15 2.96 -0.73	64.03 2.11 -0.01	61.93 2.27 -0.01	62.12 3.52 0.00	61.75 3.66 0.00	62.09 4.12 0.00	64.40 3.91 -0.29	63.26 3.80 -0.06	71.61 4.62 0.00	90.98 6.97 0.00	113.98 8.82 -0.17	101.52 8.21 0.00	88.77 7.47 -0.01	72.27 5.10 0.00	65.48 4.90 0.00	56.94 5.08 0.00	53.69 4.34 0.00
HOLTSVILLE_IC_7 23696	46.34 2.46 0.00	42.06 2.12 0.00	40.77 1.64 0.00	39.13 1.58 0.00	40.26 1.92 0.00	46.91 2.49 0.00	59.58 1.79 0.00	71.15 2.96 -0.73	64.03 2.11 -0.01	61.93 2.27 -0.01	62.12 3.52 0.00	61.75 3.66 0.00	62.09 4.12 0.00	64.40 3.91 -0.29	63.26 3.80 -0.06	71.61 4.62 0.00	90.98 6.97 0.00	113.98 8.82 -0.17	101.52 8.21 0.00	88.77 7.47 -0.01	72.27 5.10 0.00	65.48 4.90 0.00	56.94 5.08 0.00	53.69 4.34 0.00
HOLTSVILLE_IC_8 23697	46.34 2.46 0.00	42.06 2.12 0.00	40.77 1.64 0.00	39.13 1.58 0.00	40.26 1.92 0.00	46.91 2.49 0.00	59.58 1.79 0.00	71.15 2.96 -0.73	64.03 2.11 -0.01	61.93 2.27 -0.01	62.12 3.52 0.00	61.75 3.66 0.00	62.09 4.12 0.00	64.40 3.91 -0.29	63.26 3.80 -0.06	71.61 4.62 0.00	90.98 6.97 0.00	113.98 8.82 -0.17	101.52 8.21 0.00	88.77 7.47 -0.01	72.27 5.10 0.00	65.48 4.90 0.00	56.94 5.08 0.00	53.69 4.34 0.00
HOLTSVILLE_IC_9 23698	46.34 2.46 0.00	42.06 2.12 0.00	40.77 1.64 0.00	39.13 1.58 0.00	40.26 1.92 0.00	46.91 2.49 0.00	59.58 1.79 0.00	71.15 2.96 -0.73	64.03 2.11 -0.01	61.93 2.27 -0.01	62.12 3.52 0.00	61.75 3.66 0.00	62.09 4.12 0.00	64.40 3.91 -0.29	63.26 3.80 -0.06	71.61 4.62 0.00	90.98 6.97 0.00	113.98 8.82 -0.17	101.52 8.21 0.00	88.77 7.47 -0.01	72.27 5.10 0.00	65.48 4.90 0.00	56.94 5.08 0.00	53.69 4.34 0.00
HOMER_HL_115KV_TB2 355744	43.31 -0.57 0.00	39.11 -0.84 0.00	38.50 -0.63 0.00	36.84 -0.71 0.00	37.84 -0.50 0.00	43.27 -1.15 0.00	55.65 -2.14 0.00	64.69 -2.77 0.00	59.44 -2.48 0.00	57.51 -2.15 0.00	55.68 -2.93 0.00	55.94 -2.15 0.00	55.25 -2.72 0.00	56.88 -3.31 0.00	56.19 -3.21 0.00	62.77 -4.22 0.00	78.21 -5.80 0.00	100.80 -4.20 0.00	89.39 -3.92 0.00	77.47 -3.82 0.00	63.95 -3.22 0.00	57.61 -2.97 0.00	49.52 -2.33 0.00	47.96 -1.38 0.00
HOWARD_WT_PWR 323690	43.97 0.09 0.00	39.67 -0.28 0.00	39.13 0.00 0.00	37.36 -0.19 0.00	38.30 -0.04 0.00	44.11 -0.31 0.00	56.57 -1.22 0.00	66.10 -1.35 0.00	60.00 -1.92 0.00	57.87 -1.79 0.00	56.03 -2.58 0.00	55.76 -2.33 0.00	55.31 -2.67 0.00	56.94 -3.25 0.00	56.01 -3.38 0.00	61.84 -5.16 0.00	77.46 -6.55 0.00	99.43 -5.57 0.00	87.33 -5.97 0.00	76.25 -5.04 0.00	63.14 -4.03 0.00	57.36 -3.21 0.00	49.00 -2.85 0.00	47.42 -1.93 0.00
HQ_GEN_CEDARS 23644	45.16 1.27 0.00	41.11 1.16 0.00	40.30 1.17 0.00	38.64 1.09 0.00	39.26 0.92 0.00	45.44 1.02 0.00	59.23 1.44 0.00	68.73 1.28 0.00	63.28 1.36 0.00	61.03 1.37 0.00	59.72 1.11 0.00	59.19 1.10 0.00	59.13 1.16 0.00	61.27 1.08 0.00	60.47 1.07 0.00	68.00 1.00 0.00	85.10 1.09 0.00	106.57 1.57 0.00	94.33 1.03 0.00	82.27 0.98 0.00	68.04 0.87 0.00	61.54 0.97 0.00	52.58 0.73 0.00	50.08 0.74 0.00
HQ_GEN_CEDARS_PROXY 323590	45.16 1.27 0.00	41.11 1.16 0.00	40.30 1.17 0.00	38.64 1.09 0.00	39.26 0.92 0.00	44.58 0.93 0.78	59.89 1.33 -0.78	69.53 1.28 -0.80	62.48 1.36 0.80	61.03 1.37 0.00	59.72 1.11 0.00	59.19 1.10 0.00	59.13 1.16 0.00	61.28 1.08 0.00	60.47 1.07 0.00	68.00 1.01 0.00	85.10 1.09 0.00	106.26 1.26 0.00	94.33 1.03 0.00	82.19 0.90 0.00	68.71 0.87 -0.67	60.64 0.73 0.67	52.58 0.73 0.00	50.08 0.74 0.00

HQ_GEN_IMPORT 323601	44.28 0.39 0.00	40.31 0.36 0.00	39.48 0.35 0.00	37.85 0.30 0.00	38.54 0.19 0.00	43.78 0.13 0.78	58.80 0.23 -0.78	68.38 0.14 -0.80	61.37 0.25 0.80	59.96 0.30 0.00	58.72 0.12 0.00	58.20 0.12 0.00	58.09 0.12 0.00	60.37 0.18 0.00	59.58 0.18 0.00	67.19 0.20 0.00	84.26 0.25 0.00	105.10 0.11 0.00	93.49 0.19 0.00	81.37 0.08 0.00	67.90 0.07 -0.67	59.91 0.00 0.67	51.80 -0.05 0.00	49.34 0.00 0.00
HQ_GEN_WHEEL 23651	44.28 0.39 0.00	40.31 0.36 0.00	39.48 0.35 0.00	37.85 0.30 0.00	38.54 0.19 0.00	43.78 0.13 0.78	58.80 0.23 -0.78	68.38 0.14 -0.80	61.37 0.25 0.80	59.96 0.30 0.00	58.72 0.12 0.00	58.20 0.12 0.00	58.09 0.12 0.00	60.37 0.18 0.00	59.58 0.18 0.00	67.19 0.20 0.00	84.26 0.25 0.00	105.10 0.11 0.00	93.49 0.19 0.00	81.37 0.08 0.00	67.90 0.07 -0.67	59.91 0.00 0.67	51.80 -0.05 0.00	49.34 0.00 0.00
HUDSON AVE_GT_3 23810	45.99 2.11 0.00	41.86 1.92 0.00	40.77 1.64 0.00	39.09 1.54 0.00	40.07 1.73 0.00	46.78 2.35 0.00	60.91 3.12 0.00	71.43 3.98 0.00	65.51 3.59 0.00	63.29 3.64 0.00	62.30 3.69 0.00	61.80 3.72 0.00	61.74 3.77 0.00	64.04 3.85 0.00	63.14 3.74 0.00	71.01 4.02 0.00	89.05 5.04 0.00	111.29 6.30 0.00	99.09 5.78 0.00	86.33 5.04 0.00	71.07 3.90 0.00	64.39 3.82 0.00	55.38 3.53 0.00	52.55 3.21 0.00
HUDSON AVE_GT_4 23540	45.99 2.11 0.00	41.86 1.92 0.00	40.77 1.64 0.00	39.09 1.54 0.00	40.07 1.73 0.00	46.78 2.35 0.00	60.91 3.12 0.00	71.43 3.98 0.00	65.51 3.59 0.00	63.29 3.64 0.00	62.30 3.69 0.00	61.80 3.72 0.00	61.74 3.77 0.00	64.04 3.85 0.00	63.14 3.74 0.00	71.01 4.02 0.00	89.05 5.04 0.00	111.29 6.30 0.00	99.09 5.78 0.00	86.33 5.04 0.00	71.07 3.90 0.00	64.39 3.82 0.00	55.38 3.53 0.00	52.55 3.21 0.00
HUDSON AVE_GT_5 23657	45.99 2.11 0.00	41.86 1.92 0.00	40.77 1.64 0.00	39.09 1.54 0.00	40.07 1.73 0.00	46.78 2.35 0.00	60.91 3.12 0.00	71.43 3.98 0.00	65.51 3.59 0.00	63.29 3.64 0.00	62.30 3.69 0.00	61.80 3.72 0.00	61.74 3.77 0.00	64.04 3.85 0.00	63.14 3.74 0.00	71.01 4.02 0.00	89.05 5.04 0.00	111.29 6.30 0.00	99.09 5.78 0.00	86.33 5.04 0.00	71.07 3.90 0.00	64.39 3.82 0.00	55.38 3.53 0.00	52.55 3.21 0.00
HUDSON_AVE_10 24168	45.86 1.97 0.00	41.70 1.76 0.00	40.62 1.49 0.00	38.94 1.39 0.00	39.92 1.57 0.00	46.60 2.18 0.00	60.73 2.95 0.00	71.30 3.84 0.00	65.32 3.41 0.00	63.12 3.46 0.00	62.18 3.57 0.00	61.63 3.54 0.00	61.63 3.65 0.00	63.92 3.73 0.00	62.96 3.56 0.00	70.88 3.89 0.00	88.88 4.87 0.00	111.08 6.09 0.00	98.90 5.60 0.00	86.17 4.88 0.00	71.00 3.83 0.00	64.33 3.76 0.00	55.22 3.37 0.00	52.40 3.06 0.00
HUDSON___115KV_TB 4 355613	44.76 0.88 0.00	40.83 0.88 0.00	39.99 0.86 0.00	38.45 0.90 0.00	39.30 0.96 0.00	45.62 1.20 0.00	59.40 1.62 0.00	69.54 2.09 0.00	63.40 1.49 0.00	60.79 1.13 0.00	59.72 1.11 0.00	58.96 0.87 0.00	58.96 0.99 0.00	61.33 1.14 0.00	60.64 1.25 0.00	68.67 1.67 0.00	86.44 2.44 0.00	107.93 2.94 0.00	96.20 2.89 0.00	83.73 2.44 0.00	69.12 1.95 0.00	62.45 1.88 0.00	53.46 1.61 0.00	50.72 1.38 0.00
HUNTER MOUNT___DRP 323613	44.76 0.88 0.00	40.87 0.92 0.00	39.99 0.86 0.00	38.53 0.98 0.00	39.34 1.00 0.00	45.62 1.20 0.00	59.46 1.68 0.00	69.61 2.16 0.00	63.46 1.55 0.00	60.79 1.13 0.00	59.60 1.00 0.00	58.90 0.81 0.00	58.90 0.93 0.00	61.21 1.02 0.00	60.58 1.19 0.00	68.60 1.61 0.00	86.44 2.44 0.00	108.04 3.04 0.00	96.39 3.08 0.00	83.89 2.60 0.00	69.05 1.88 0.00	62.45 1.88 0.00	53.51 1.66 0.00	50.77 1.43 0.00
HUNTINGTON_RES_REC 323705	45.99 2.11 0.00	41.79 1.84 0.00	40.50 1.37 0.00	38.86 1.31 0.00	39.99 1.65 0.00	46.60 2.18 0.00	59.00 1.22 0.00	69.74 2.22 -0.07	63.52 1.61 0.00	61.39 1.73 0.00	61.65 3.05 0.00	61.34 3.25 0.00	61.57 3.60 0.00	63.47 3.25 -0.03	62.61 3.21 -0.01	70.94 3.95 0.00	89.97 5.97 0.00	112.51 7.56 0.05	100.39 7.09 0.00	87.79 6.51 0.00	71.53 4.36 0.00	64.81 4.24 0.00	56.52 4.67 0.00	53.29 3.95 0.00
HUNTLEY___63 23557	43.62 -0.26 0.00	39.35 -0.60 0.00	38.66 -0.47 0.00	36.99 -0.56 0.00	38.00 -0.35 0.00	42.78 -1.64 0.00	54.43 -3.35 0.00	63.00 -4.45 0.00	57.89 -4.02 0.00	56.49 -3.16 0.00	54.91 -3.69 0.00	55.01 -3.08 0.00	54.50 -3.48 0.00	56.10 -4.09 0.00	55.42 -3.98 0.00	61.70 -5.29 0.00	76.62 -7.39 0.00	98.07 -6.93 0.00	86.96 -6.34 0.00	75.52 -5.77 0.00	62.33 -4.84 0.00	56.52 -4.06 0.00	48.64 -3.21 0.00	47.37 -1.97 0.00
HUNTLEY___64 23558	43.62 -0.26 0.00	39.35 -0.60 0.00	38.66 -0.47 0.00	36.99 -0.56 0.00	38.00 -0.35 0.00	42.78 -1.64 0.00	54.43 -3.35 0.00	63.00 -4.45 0.00	57.89 -4.02 0.00	56.49 -3.16 0.00	54.91 -3.69 0.00	55.01 -3.08 0.00	54.50 -3.48 0.00	56.10 -4.09 0.00	55.42 -3.98 0.00	61.70 -5.29 0.00	76.62 -7.39 0.00	98.07 -6.93 0.00	86.96 -6.34 0.00	75.52 -5.77 0.00	62.33 -4.84 0.00	56.52 -4.06 0.00	48.64 -3.21 0.00	47.37 -1.97 0.00
HUNTLEY___65 23559	43.62 -0.26 0.00	39.35 -0.60 0.00	38.66 -0.47 0.00	36.99 -0.56 0.00	38.00 -0.35 0.00	42.78 -1.64 0.00	54.43 -3.35 0.00	63.00 -4.45 0.00	57.89 -4.02 0.00	56.49 -3.16 0.00	54.91 -3.69 0.00	55.01 -3.08 0.00	54.50 -3.48 0.00	56.10 -4.09 0.00	55.42 -3.98 0.00	61.70 -5.29 0.00	76.62 -7.39 0.00	98.07 -6.93 0.00	86.96 -6.34 0.00	75.52 -5.77 0.00	62.33 -4.84 0.00	56.52 -4.06 0.00	48.64 -3.21 0.00	47.37 -1.97 0.00
HUNTLEY___66 23560	43.62 -0.26 0.00	39.35 -0.60 0.00	38.66 -0.47 0.00	36.99 -0.56 0.00	38.00 -0.35 0.00	42.78 -1.64 0.00	54.43 -3.35 0.00	63.00 -4.45 0.00	57.89 -4.02 0.00	56.49 -3.16 0.00	54.91 -3.69 0.00	55.01 -3.08 0.00	54.50 -3.48 0.00	56.10 -4.09 0.00	55.42 -3.98 0.00	61.70 -5.29 0.00	76.62 -7.39 0.00	98.07 -6.93 0.00	86.96 -6.34 0.00	75.52 -5.77 0.00	62.33 -4.84 0.00	56.52 -4.06 0.00	48.64 -3.21 0.00	47.37 -1.97 0.00
HUNTLEY___67 23561	43.27 -0.61 0.00	38.99 -0.96 0.00	38.31 -0.82 0.00	36.69 -0.86 0.00	37.69 -0.65 0.00	42.65 -1.78 0.00	54.32 -3.47 0.00	62.86 -4.59 0.00	57.77 -4.15 0.00	56.32 -3.34 0.00	54.68 -3.93 0.00	54.83 -3.25 0.00	54.26 -3.71 0.00	55.92 -4.27 0.00	55.24 -4.16 0.00	61.77 -5.23 0.00	76.70 -7.31 0.00	98.17 -6.82 0.00	87.15 -6.16 0.00	75.60 -5.69 0.00	62.47 -4.70 0.00	56.39 -4.18 0.00	48.48 -3.37 0.00	47.22 -2.12 0.00
HUNTLEY___68 23562	43.27 -0.61 0.00	38.99 -0.96 0.00	38.31 -0.82 0.00	36.69 -0.86 0.00	37.69 -0.65 0.00	42.65 -1.78 0.00	54.32 -3.47 0.00	62.86 -4.59 0.00	57.77 -4.15 0.00	56.32 -3.34 0.00	54.68 -3.93 0.00	54.83 -3.25 0.00	54.26 -3.71 0.00	55.92 -4.27 0.00	55.24 -4.16 0.00	61.77 -5.23 0.00	76.70 -7.31 0.00	98.17 -6.82 0.00	87.15 -6.16 0.00	75.60 -5.69 0.00	62.47 -4.70 0.00	56.39 -4.18 0.00	48.48 -3.37 0.00	47.22 -2.12 0.00

HYLAND___LFGE 323620	45.55 1.67 0.00	41.03 1.08 0.00	40.42 1.29 0.00	38.64 1.09 0.00	39.72 1.38 0.00	45.71 1.29 0.00	59.17 1.38 0.00	69.20 1.75 0.00	62.72 0.80 0.00	60.08 0.42 0.00	57.84 -0.76 0.00	57.22 -0.87 0.00	56.58 -1.39 0.00	58.63 -1.57 0.00	57.97 -1.43 0.00	62.57 -4.42 0.00	79.55 -4.45 0.00	103.11 -1.89 0.00	91.07 -2.24 0.00	79.91 -1.38 0.00	65.76 -1.41 0.00	61.54 0.97 0.00	52.42 0.57 0.00	50.52 1.18 0.00
INDECK___CORINTH 23802	45.86 1.98 0.00	41.83 1.88 0.00	40.97 1.84 0.00	39.35 1.80 0.00	40.30 1.95 0.00	46.91 2.49 0.00	61.14 3.35 0.00	69.47 2.02 0.00	63.40 1.48 0.00	60.91 1.25 0.00	60.01 1.40 0.00	59.25 1.16 0.00	59.31 1.33 0.00	61.33 1.14 0.00	60.58 1.19 0.00	68.40 1.41 0.00	85.85 1.85 0.00	107.41 2.42 0.00	95.64 2.33 0.00	83.08 1.79 0.00	68.78 1.61 0.00	62.21 1.64 0.00	54.96 3.11 0.00	52.10 2.76 0.00
INDECK___ILION 23567	44.94 1.05 0.00	40.91 0.96 0.00	40.07 0.94 0.00	38.45 0.90 0.00	39.34 1.00 0.00	45.58 1.15 0.00	59.35 1.56 0.00	69.41 1.96 0.00	63.65 1.73 0.00	61.21 1.55 0.00	60.36 1.76 0.00	59.83 1.74 0.00	59.60 1.62 0.00	61.88 1.69 0.00	61.00 1.60 0.00	68.67 1.67 0.00	86.19 2.18 0.00	107.72 2.73 0.00	95.73 2.43 0.00	83.40 2.11 0.00	68.92 1.75 0.00	62.27 1.70 0.00	53.30 1.45 0.00	50.72 1.38 0.00
INDECK___OLEAN 23982	43.31 -0.57 0.00	39.07 -0.88 0.00	38.50 -0.63 0.00	36.84 -0.71 0.00	37.84 -0.50 0.00	43.31 -1.11 0.00	55.71 -2.08 0.00	64.68 -2.77 0.00	59.44 -2.48 0.00	57.51 -2.15 0.00	55.74 -2.87 0.00	55.65 -2.44 0.00	55.25 -2.72 0.00	56.88 -3.31 0.00	56.19 -3.21 0.00	61.50 -5.49 0.00	77.12 -6.89 0.00	99.32 -5.67 0.00	87.24 -6.06 0.00	76.09 -5.20 0.00	62.87 -4.30 0.00	57.73 -2.85 0.00	49.42 -2.44 0.00	47.91 -1.43 0.00
INDECK___OSWEGO 23783	42.04 -1.84 0.00	38.27 -1.68 0.00	37.52 -1.61 0.00	36.01 -1.54 0.00	36.85 -1.50 0.00	42.69 -1.73 0.00	55.47 -2.31 0.00	64.89 -2.56 0.00	59.56 -2.35 0.00	57.27 -2.39 0.00	56.38 -2.23 0.00	55.88 -2.21 0.00	55.77 -2.20 0.00	57.84 -2.35 0.00	56.96 -2.44 0.00	64.24 -2.75 0.00	80.56 -3.45 0.00	101.11 -3.88 0.00	89.67 -3.64 0.00	78.28 -3.01 0.00	64.69 -2.48 0.00	58.27 -2.30 0.00	49.88 -1.97 0.00	47.47 -1.87 0.00
INDECK___YERKES 23781	43.67 -0.22 0.00	39.27 -0.68 0.00	38.70 -0.43 0.00	37.02 -0.53 0.00	38.04 -0.31 0.00	42.87 -1.56 0.00	54.49 -3.29 0.00	63.07 -4.38 0.00	57.95 -3.96 0.00	56.55 -3.10 0.00	54.97 -3.63 0.00	54.72 -3.37 0.00	54.55 -3.42 0.00	56.16 -4.03 0.00	55.47 -3.92 0.00	60.96 -6.03 0.00	76.28 -7.73 0.00	97.64 -7.35 0.00	85.47 -7.84 0.00	74.78 -6.51 0.00	61.93 -5.24 0.00	56.57 -4.00 0.00	48.59 -3.27 0.00	47.37 -1.98 0.00
INDIAN POINT_GT_1 24139	45.42 1.54 0.00	41.39 1.44 0.00	40.34 1.21 0.00	38.71 1.16 0.00	39.65 1.30 0.00	46.24 1.82 0.00	60.21 2.43 0.00	70.62 3.17 0.00	64.70 2.79 0.00	62.40 2.74 0.00	61.48 2.87 0.00	60.99 2.90 0.00	60.93 2.96 0.00	63.26 3.07 0.00	62.37 2.97 0.00	70.14 3.15 0.00	88.04 4.03 0.00	110.03 5.04 0.00	97.97 4.67 0.00	85.35 4.06 0.00	70.33 3.16 0.00	63.72 3.15 0.00	54.70 2.85 0.00	51.86 2.52 0.00
INDIAN POINT_GT_2 23659	45.42 1.54 0.00	41.39 1.44 0.00	40.34 1.21 0.00	38.71 1.16 0.00	39.65 1.30 0.00	46.24 1.82 0.00	60.21 2.43 0.00	70.62 3.17 0.00	64.70 2.79 0.00	62.40 2.74 0.00	61.48 2.87 0.00	60.99 2.90 0.00	60.93 2.96 0.00	63.26 3.07 0.00	62.37 2.97 0.00	70.14 3.15 0.00	88.04 4.03 0.00	110.03 5.04 0.00	97.97 4.67 0.00	85.35 4.06 0.00	70.33 3.16 0.00	63.72 3.15 0.00	54.70 2.85 0.00	51.86 2.52 0.00
INDIAN POINT_GT_3 24019	45.42 1.54 0.00	41.39 1.44 0.00	40.34 1.21 0.00	38.71 1.16 0.00	39.65 1.30 0.00	46.24 1.82 0.00	60.21 2.43 0.00	70.62 3.17 0.00	64.70 2.79 0.00	62.40 2.74 0.00	61.48 2.87 0.00	60.99 2.90 0.00	60.93 2.96 0.00	63.26 3.07 0.00	62.37 2.97 0.00	70.14 3.15 0.00	88.04 4.03 0.00	110.03 5.04 0.00	97.97 4.67 0.00	85.35 4.06 0.00	70.33 3.16 0.00	63.72 3.15 0.00	54.70 2.85 0.00	51.86 2.52 0.00
INDIAN POINT___2 23530	45.38 1.49 0.00	41.34 1.40 0.00	40.30 1.17 0.00	38.68 1.13 0.00	39.61 1.26 0.00	46.24 1.82 0.00	60.10 2.31 0.00	70.56 3.10 0.00	64.64 2.72 0.00	62.34 2.69 0.00	61.42 2.81 0.00	60.99 2.90 0.00	60.87 2.90 0.00	63.14 2.95 0.00	62.25 2.85 0.00	70.21 3.22 0.00	88.29 4.28 0.00	110.35 5.35 0.00	98.34 5.04 0.00	85.68 4.39 0.00	70.46 3.29 0.00	63.84 3.27 0.00	54.65 2.80 0.00	51.86 2.52 0.00
INDIAN POINT___3 23531	45.46 1.58 0.00	41.39 1.44 0.00	40.34 1.21 0.00	38.75 1.20 0.00	39.65 1.30 0.00	46.24 1.82 0.00	60.21 2.43 0.00	70.62 3.17 0.00	64.70 2.79 0.00	62.40 2.74 0.00	61.48 2.87 0.00	60.99 2.90 0.00	60.93 2.96 0.00	63.20 3.01 0.00	62.31 2.91 0.00	70.14 3.15 0.00	88.04 4.03 0.00	110.03 5.04 0.00	97.97 4.67 0.00	85.35 4.06 0.00	70.33 3.16 0.00	63.72 3.15 0.00	54.70 2.85 0.00	51.91 2.57 0.00
INGHAM_C_115KV_TB7 356103	46.34 2.46 0.00	42.18 2.24 0.00	41.32 2.19 0.00	39.62 2.07 0.00	40.57 2.22 0.00	47.00 2.58 0.00	61.20 3.41 0.00	71.57 4.11 0.00	65.57 3.65 0.00	63.12 3.46 0.00	62.36 3.75 0.00	61.75 3.66 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.84 3.44 0.00	70.54 3.55 0.00	88.54 4.54 0.00	110.87 5.88 0.00	98.44 5.13 0.00	85.84 4.55 0.00	70.93 3.76 0.00	64.21 3.63 0.00	54.91 3.06 0.00	52.30 2.96 0.00
IP CORINTH___1 23988	45.86 1.97 0.00	41.82 1.88 0.00	40.97 1.84 0.00	39.35 1.80 0.00	40.30 1.96 0.00	46.87 2.44 0.00	59.58 1.79 0.00	69.68 2.23 0.00	63.77 1.86 0.00	61.21 1.55 0.00	60.36 1.76 0.00	59.54 1.45 0.00	59.60 1.62 0.00	61.64 1.44 0.00	60.88 1.48 0.00	68.73 1.74 0.00	86.53 2.52 0.00	107.83 2.83 0.00	96.01 2.71 0.00	83.48 2.19 0.00	69.25 2.08 0.00	62.57 2.00 0.00	54.96 3.11 0.00	52.11 2.76 0.00
IP___TICONDEROGA 23804	47.26 3.38 0.00	43.18 3.24 0.00	42.26 3.13 0.00	40.63 3.08 0.00	41.60 3.26 0.00	48.51 4.09 0.00	62.06 4.28 0.00	72.65 5.19 0.00	66.31 4.40 0.00	63.41 3.76 0.00	62.59 3.99 0.00	61.63 3.54 0.00	61.74 3.77 0.00	63.80 3.61 0.00	62.96 3.56 0.00	71.21 4.22 0.00	90.14 6.13 0.00	112.97 7.98 0.00	100.68 7.37 0.00	87.39 6.10 0.00	72.27 5.10 0.00	65.36 4.79 0.00	57.09 5.24 0.00	53.98 4.64 0.00
ISLIP_RES_REC 323679	46.47 2.59 0.00	42.22 2.28 0.00	40.89 1.76 0.00	39.24 1.69 0.00	40.37 2.03 0.00	47.09 2.67 0.00	59.81 2.02 0.00	71.47 3.30 -0.71	64.34 2.41 -0.01	62.23 2.56 -0.01	62.47 3.87 0.00	62.04 3.95 0.00	62.44 4.46 0.00	64.69 4.21 -0.29	63.55 4.10 -0.06	72.02 5.03 0.00	91.48 7.47 0.00	114.71 9.55 -0.16	102.07 8.77 0.00	89.35 8.05 -0.01	72.68 5.51 0.00	65.78 5.21 0.00	57.20 5.34 0.00	53.88 4.54 0.00

JAMAICA__27_KV_LOAD 355505	45.90 2.02 0.00	41.70 1.76 0.00	40.62 1.49 0.00	38.94 1.39 0.00	39.92 1.57 0.00	46.64 2.22 0.00	60.96 3.18 0.00	71.57 4.11 0.00	65.63 3.72 0.00	63.41 3.76 0.00	62.42 3.81 0.00	61.86 3.78 0.00	61.86 3.88 0.00	64.10 3.91 0.00	63.20 3.80 0.00	71.15 4.15 0.00	89.38 5.38 0.00	111.82 6.82 0.00	99.56 6.25 0.00	86.74 5.45 0.00	71.40 4.23 0.00	64.63 4.06 0.00	55.43 3.58 0.00	52.55 3.21 0.00
JANIS__SOLAR 323808	45.20 1.32 0.00	41.06 1.12 0.00	40.30 1.17 0.00	38.60 1.05 0.00	39.65 1.30 0.00	46.29 1.87 0.00	60.27 2.48 0.00	70.82 3.37 0.00	64.64 2.72 0.00	61.62 1.97 0.00	60.43 1.82 0.00	59.89 1.80 0.00	59.54 1.57 0.00	61.75 1.56 0.00	60.76 1.37 0.00	68.67 1.68 0.00	86.95 2.94 0.00	110.66 5.67 0.00	97.88 4.57 0.00	85.27 3.98 0.00	70.26 3.09 0.00	63.18 2.60 0.00	53.77 1.92 0.00	51.22 1.87 0.00
JARVIS____ 23743	43.93 0.04 0.00	39.99 0.04 0.00	39.17 0.04 0.00	37.59 0.04 0.00	38.46 0.12 0.00	44.60 0.18 0.00	58.02 0.23 0.00	67.79 0.34 0.00	62.17 0.25 0.00	59.84 0.18 0.00	58.84 0.24 0.00	58.32 0.23 0.00	58.21 0.23 0.00	60.43 0.24 0.00	59.64 0.24 0.00	67.26 0.27 0.00	84.35 0.34 0.00	105.42 0.42 0.00	93.68 0.37 0.00	81.62 0.33 0.00	67.44 0.27 0.00	60.88 0.30 0.00	52.11 0.26 0.00	49.54 0.20 0.00
JENNISON____1 23625	45.33 1.45 0.00	41.23 1.28 0.00	40.38 1.25 0.00	38.71 1.16 0.00	39.80 1.46 0.00	46.38 1.95 0.00	60.44 2.66 0.00	71.03 3.57 0.00	65.14 3.22 0.00	62.28 2.62 0.00	61.42 2.81 0.00	60.93 2.85 0.00	60.41 2.43 0.00	62.60 2.41 0.00	61.59 2.20 0.00	69.47 2.48 0.00	87.54 3.53 0.00	111.40 6.40 0.00	98.53 5.23 0.00	85.76 4.47 0.00	70.53 3.36 0.00	63.24 2.67 0.00	53.88 2.02 0.00	51.37 2.02 0.00
JENNISON____2 23626	45.33 1.45 0.00	41.23 1.28 0.00	40.38 1.25 0.00	38.71 1.16 0.00	39.80 1.46 0.00	46.38 1.95 0.00	60.44 2.66 0.00	71.03 3.57 0.00	65.14 3.22 0.00	62.28 2.62 0.00	61.42 2.81 0.00	60.93 2.85 0.00	60.41 2.43 0.00	62.60 2.41 0.00	61.59 2.20 0.00	69.47 2.48 0.00	87.54 3.53 0.00	111.40 6.40 0.00	98.53 5.23 0.00	85.76 4.47 0.00	70.53 3.36 0.00	63.24 2.67 0.00	53.88 2.02 0.00	51.37 2.02 0.00
JERICOHO_RISE_WT_PWR 323719	44.58 0.70 0.00	40.58 0.64 0.00	39.79 0.66 0.00	38.11 0.56 0.00	38.65 0.31 0.00	44.33 -0.09 0.00	57.50 -0.29 0.00	66.91 -0.54 0.00	61.67 -0.25 0.00	59.54 -0.12 0.00	58.31 -0.29 0.00	57.74 -0.35 0.00	57.69 -0.29 0.00	59.83 -0.36 0.00	59.04 -0.35 0.00	66.59 -0.40 0.00	83.25 -0.76 0.00	103.74 -1.26 0.00	92.00 -1.31 0.00	79.91 -1.38 0.00	65.96 -1.21 0.00	59.24 -1.33 0.00	50.82 -1.04 0.00	48.46 -0.89 0.00
KATONAH__115KV_46KV_TB4 355592	45.55 1.67 0.00	41.55 1.60 0.00	40.50 1.37 0.00	38.90 1.35 0.00	39.76 1.42 0.00	46.42 2.00 0.00	60.44 2.66 0.00	70.96 3.51 0.00	65.14 3.22 0.00	62.76 3.10 0.00	61.89 3.28 0.00	61.40 3.31 0.00	61.34 3.36 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.61 3.62 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.00 4.71 0.00	70.73 3.56 0.00	64.03 3.45 0.00	54.91 3.06 0.00	52.11 2.76 0.00
KCE_NY_1 323755	45.42 1.54 0.00	41.43 1.48 0.00	40.58 1.45 0.00	38.98 1.43 0.00	39.88 1.54 0.00	46.38 1.95 0.00	60.39 2.60 0.00	70.08 2.63 0.00	64.02 2.11 0.00	61.56 1.91 0.00	60.60 1.99 0.00	59.89 1.80 0.00	59.89 1.91 0.00	62.17 1.98 0.00	61.42 2.02 0.00	69.47 2.48 0.00	87.12 3.11 0.00	108.77 3.77 0.00	96.85 3.54 0.00	84.21 2.92 0.00	69.66 2.49 0.00	62.88 2.30 0.00	54.29 2.44 0.00	51.51 2.17 0.00
KCE_NY_6_ESR 323823	43.62 -0.26 0.00	39.27 -0.68 0.00	38.66 -0.47 0.00	37.02 -0.53 0.00	38.00 -0.35 0.00	43.18 -1.24 0.00	55.07 -2.71 0.00	63.81 -3.64 0.00	58.57 -3.34 0.00	57.09 -2.56 0.00	55.38 -3.22 0.00	55.18 -2.90 0.00	54.96 -3.02 0.00	56.64 -3.55 0.00	55.89 -3.50 0.00	61.77 -5.23 0.00	77.37 -6.64 0.00	99.22 -5.77 0.00	86.96 -6.35 0.00	75.92 -5.37 0.00	62.80 -4.36 0.00	57.06 -3.51 0.00	49.00 -2.85 0.00	47.66 -1.68 0.00
KEDC_PORT_JEFF_GT2 24210	46.25 2.37 0.00	41.98 2.04 0.00	40.70 1.57 0.00	39.09 1.54 0.00	40.18 1.84 0.00	46.86 2.44 0.00	59.40 1.62 0.00	70.99 2.83 -0.71	63.91 1.98 -0.01	61.81 2.14 -0.01	62.00 3.40 0.00	61.69 3.60 0.00	61.97 4.00 0.00	64.21 3.73 -0.29	63.14 3.68 -0.06	71.48 4.49 0.00	90.73 6.72 0.00	113.76 8.61 -0.16	101.33 8.03 0.00	88.62 7.32 -0.01	72.14 4.97 0.00	65.36 4.78 0.00	56.83 4.98 0.00	53.59 4.24 0.00
KEDC_PORT_JEFF_GT3 24211	46.25 2.37 0.00	41.98 2.04 0.00	40.70 1.57 0.00	39.09 1.54 0.00	40.18 1.84 0.00	46.86 2.44 0.00	59.40 1.62 0.00	70.99 2.83 -0.71	63.91 1.98 -0.01	61.81 2.14 -0.01	62.00 3.40 0.00	61.69 3.60 0.00	61.97 4.00 0.00	64.21 3.73 -0.29	63.14 3.68 -0.06	71.48 4.49 0.00	90.73 6.72 0.00	113.76 8.61 -0.16	101.33 8.03 0.00	88.62 7.32 -0.01	72.14 4.97 0.00	65.36 4.78 0.00	56.83 4.98 0.00	53.59 4.24 0.00
KEDC_GLWD_GT4 24219	45.99 2.11 0.00	41.83 1.88 0.00	40.65 1.52 0.00	39.01 1.46 0.00	40.03 1.69 0.00	46.73 2.31 0.00	60.16 2.37 0.00	70.82 3.37 0.00	64.83 2.91 0.00	62.64 2.98 0.00	62.18 3.58 0.00	61.81 3.72 0.00	61.80 3.83 0.00	63.99 3.79 0.00	63.02 3.62 0.00	71.22 4.22 0.00	89.89 5.88 0.00	112.23 7.24 0.00	100.11 6.81 0.00	87.39 6.10 0.00	71.53 4.36 0.00	64.88 4.30 0.00	55.90 4.05 0.00	52.85 3.50 0.00
KEDC_GLWD_GT5 24220	45.99 2.11 0.00	41.83 1.88 0.00	40.65 1.52 0.00	39.01 1.46 0.00	40.03 1.69 0.00	46.73 2.31 0.00	60.16 2.37 0.00	70.82 3.37 0.00	64.83 2.91 0.00	62.64 2.98 0.00	62.18 3.58 0.00	61.81 3.72 0.00	61.80 3.83 0.00	63.99 3.79 0.00	63.02 3.62 0.00	71.22 4.22 0.00	89.89 5.88 0.00	112.23 7.24 0.00	100.11 6.81 0.00	87.39 6.10 0.00	71.53 4.36 0.00	64.88 4.30 0.00	55.90 4.05 0.00	52.85 3.50 0.00
KENSICO____ 23655	45.55 1.67 0.00	41.47 1.52 0.00	40.42 1.29 0.00	38.83 1.28 0.00	39.76 1.42 0.00	46.38 1.95 0.00	60.33 2.54 0.00	70.82 3.37 0.00	64.89 2.97 0.00	62.64 2.98 0.00	61.71 3.11 0.00	61.22 3.14 0.00	61.16 3.19 0.00	63.44 3.25 0.00	62.54 3.15 0.00	70.41 3.42 0.00	88.29 4.28 0.00	110.35 5.35 0.00	98.25 4.95 0.00	85.60 4.31 0.00	70.53 3.36 0.00	63.91 3.33 0.00	54.86 3.01 0.00	52.06 2.71 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.60 1.71 0.00	41.55 1.60 0.00	40.50 1.37 0.00	38.94 1.39 0.00	39.80 1.46 0.00	46.42 2.00 0.00	60.56 2.77 0.00	71.03 3.57 0.00	65.07 3.16 0.00	62.58 2.92 0.00	61.48 2.87 0.00	60.99 2.90 0.00	60.87 2.90 0.00	63.26 3.07 0.00	62.37 2.97 0.00	70.27 3.28 0.00	88.38 4.37 0.00	110.98 5.98 0.00	98.81 5.51 0.00	86.17 4.88 0.00	70.66 3.49 0.00	64.15 3.57 0.00	54.96 3.11 0.00	52.15 2.81 0.00

KIAC_JFK_GT1 23816	45.77 1.89 0.00	41.63 1.68 0.00	40.50 1.37 0.00	38.83 1.28 0.00	39.80 1.46 0.00	46.56 2.13 0.00	60.79 3.00 0.00	71.36 3.91 0.00	65.45 3.53 0.00	63.24 3.58 0.00	62.24 3.63 0.00	61.69 3.60 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.94 3.95 0.00	89.13 5.12 0.00	111.50 6.51 0.00	99.28 5.97 0.00	86.49 5.20 0.00	71.13 3.96 0.00	64.45 3.88 0.00	55.28 3.42 0.00	52.40 3.06 0.00
KIAC_JFK_GT2 23817	45.77 1.89 0.00	41.63 1.68 0.00	40.50 1.37 0.00	38.83 1.28 0.00	39.80 1.46 0.00	46.56 2.13 0.00	60.79 3.00 0.00	71.36 3.91 0.00	65.45 3.53 0.00	63.24 3.58 0.00	62.24 3.63 0.00	61.69 3.60 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.94 3.95 0.00	89.13 5.12 0.00	111.50 6.51 0.00	99.28 5.97 0.00	86.49 5.20 0.00	71.13 3.96 0.00	64.45 3.88 0.00	55.28 3.42 0.00	52.40 3.06 0.00
KIAC_JFK____ 323774	45.77 1.89 0.00	41.59 1.64 0.00	40.50 1.37 0.00	38.83 1.28 0.00	39.80 1.46 0.00	46.60 2.18 0.00	60.79 3.00 0.00	71.36 3.91 0.00	65.44 3.53 0.00	63.23 3.58 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	71.08 4.09 0.00	89.64 5.63 0.00	111.82 6.82 0.00	99.84 6.53 0.00	86.98 5.69 0.00	71.34 4.17 0.00	64.70 4.12 0.00	55.33 3.47 0.00	52.40 3.06 0.00
KINTIGH__24_KV_GSU 356498	43.14 -0.75 0.00	38.83 -1.12 0.00	38.23 -0.90 0.00	36.61 -0.94 0.00	37.58 -0.77 0.00	42.73 -1.69 0.00	54.55 -3.23 0.00	63.27 -4.18 0.00	58.08 -3.84 0.00	56.55 -3.10 0.00	55.03 -3.58 0.00	54.78 -3.31 0.00	54.67 -3.30 0.00	56.34 -3.85 0.00	55.66 -3.74 0.00	61.70 -5.29 0.00	77.37 -6.64 0.00	98.49 -6.51 0.00	86.59 -6.72 0.00	75.68 -5.61 0.00	62.67 -4.50 0.00	56.82 -3.76 0.00	48.74 -3.11 0.00	47.32 -2.03 0.00
KINTIGH____ 23543	43.14 -0.75 0.00	38.91 -1.04 0.00	38.23 -0.90 0.00	36.61 -0.94 0.00	37.58 -0.77 0.00	42.69 -1.73 0.00	54.55 -3.24 0.00	63.27 -4.18 0.00	58.08 -3.84 0.00	56.55 -3.10 0.00	55.09 -3.52 0.00	55.12 -2.96 0.00	54.67 -3.30 0.00	56.34 -3.85 0.00	55.65 -3.74 0.00	62.30 -4.69 0.00	77.62 -6.38 0.00	98.80 -6.19 0.00	87.80 -5.51 0.00	76.25 -5.04 0.00	62.94 -4.23 0.00	56.82 -3.76 0.00	48.79 -3.06 0.00	47.37 -1.97 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	45.03 1.14 0.00	40.95 1.00 0.00	40.19 1.06 0.00	38.45 0.90 0.00	39.03 0.69 0.00	44.87 0.44 0.00	57.79 0.00 0.00	66.78 -0.67 0.00	61.48 -0.43 0.00	59.36 -0.30 0.00	58.08 -0.53 0.00	57.56 -0.52 0.00	57.51 -0.46 0.00	59.59 -0.60 0.00	58.80 -0.59 0.00	66.32 -0.67 0.00	83.00 -1.01 0.00	104.05 -0.94 0.00	91.81 -1.49 0.00	79.91 -1.38 0.00	65.83 -1.34 0.00	59.36 -1.21 0.00	50.87 -0.99 0.00	48.65 -0.69 0.00
LACHUTE____HYDRO 323717	47.26 3.38 0.00	43.18 3.23 0.00	42.26 3.13 0.00	40.63 3.08 0.00	41.60 3.26 0.00	48.55 4.13 0.00	63.45 5.67 0.00	72.78 5.33 0.00	66.31 4.40 0.00	63.42 3.76 0.00	62.59 3.99 0.00	61.63 3.54 0.00	61.74 3.77 0.00	63.80 3.61 0.00	62.96 3.56 0.00	71.28 4.29 0.00	89.89 5.88 0.00	113.08 8.09 0.00	100.77 7.47 0.00	87.39 6.10 0.00	72.21 5.04 0.00	65.36 4.78 0.00	57.04 5.18 0.00	53.98 4.64 0.00
LAWRNCALV_115KV_TB1 80681	45.16 1.27 0.00	41.11 1.16 0.00	40.30 1.17 0.00	38.64 1.09 0.00	39.22 0.88 0.00	45.40 0.98 0.00	59.23 1.44 0.00	68.80 1.35 0.00	63.28 1.36 0.00	60.91 1.25 0.00	59.66 1.05 0.00	59.07 0.99 0.00	59.02 1.04 0.00	61.15 0.96 0.00	60.17 0.77 0.00	67.39 0.40 0.00	84.26 0.25 0.00	105.62 0.63 0.00	93.40 0.09 0.00	81.62 0.33 0.00	67.57 0.40 0.00	61.36 0.79 0.00	52.42 0.57 0.00	49.93 0.59 0.00
LEDERLE____ 23769	45.60 1.71 0.00	41.51 1.56 0.00	40.50 1.37 0.00	38.90 1.35 0.00	39.80 1.46 0.00	46.42 2.00 0.00	60.56 2.77 0.00	71.03 3.57 0.00	65.07 3.16 0.00	62.82 3.16 0.00	61.83 3.22 0.00	61.34 3.25 0.00	61.28 3.30 0.00	63.62 3.43 0.00	62.66 3.27 0.00	70.54 3.55 0.00	88.54 4.54 0.00	110.87 5.88 0.00	98.72 5.41 0.00	86.00 4.71 0.00	70.73 3.56 0.00	64.09 3.51 0.00	55.02 3.16 0.00	52.15 2.81 0.00
LIGHTHSE_115KV_TB6 355974	42.87 -1.01 0.00	39.03 -0.92 0.00	38.23 -0.90 0.00	36.65 -0.90 0.00	37.58 -0.77 0.00	43.53 -0.89 0.00	56.57 -1.21 0.00	66.30 -1.15 0.00	60.80 -1.11 0.00	58.28 -1.37 0.00	57.49 -1.11 0.00	57.10 -0.99 0.00	56.82 -1.16 0.00	58.93 -1.26 0.00	57.97 -1.43 0.00	65.32 -1.67 0.00	82.08 -1.93 0.00	103.42 -1.57 0.00	91.91 -1.40 0.00	79.99 -1.30 0.00	65.96 -1.21 0.00	59.42 -1.15 0.00	50.82 -1.04 0.00	48.40 -0.94 0.00
LINDEN COGEN____ 23786	45.77 1.89 0.00	41.62 1.68 0.00	40.58 1.45 0.00	38.90 1.35 0.00	39.88 1.54 0.00	46.60 2.18 0.00	60.56 2.77 0.00	71.09 3.64 0.00	65.20 3.28 0.00	62.93 3.28 0.00	62.00 3.40 0.00	61.51 3.43 0.00	61.45 3.48 0.00	63.74 3.55 0.00	62.78 3.38 0.00	70.81 3.82 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.19 5.88 0.00	86.33 5.04 0.00	70.93 3.76 0.00	64.33 3.76 0.00	55.12 3.27 0.00	52.25 2.91 0.00
LINDHRST_69_KV_BK1 356055	46.56 2.68 0.00	42.26 2.32 0.00	40.97 1.84 0.00	39.35 1.80 0.00	40.45 2.11 0.00	47.09 2.67 0.00	60.27 2.48 0.00	71.32 3.64 -0.23	64.77 2.85 0.00	62.64 2.98 0.00	62.71 4.10 0.00	62.15 4.07 0.00	62.50 4.52 0.00	64.68 4.39 -0.09	63.69 4.28 -0.02	71.41 4.42 0.00	88.88 4.87 0.00	111.33 6.30 -0.04	99.09 5.78 0.00	86.74 5.45 0.00	71.07 3.90 0.00	64.94 4.36 0.00	56.88 5.03 0.00	53.68 4.34 0.00
LIPA_MISC_IPP 23656	46.25 2.37 0.00	41.98 2.04 0.00	40.66 1.53 0.00	39.05 1.50 0.00	40.18 1.84 0.00	46.78 2.35 0.00	59.52 1.73 0.00	71.11 2.83 -0.83	63.72 1.80 -0.01	61.64 1.97 -0.01	61.83 3.22 0.00	61.22 3.14 0.00	61.92 3.94 0.00	64.20 3.67 -0.33	63.03 3.56 -0.07	70.41 3.42 0.00	87.03 3.02 0.00	109.18 3.99 -0.20	97.04 3.73 0.00	84.88 3.58 -0.01	69.45 2.28 0.00	63.97 3.39 0.00	56.31 4.46 0.00	53.14 3.80 0.00
LISF____SOLAR 323691	46.30 2.41 0.00	42.06 2.12 0.00	40.73 1.60 0.00	39.13 1.58 0.00	40.26 1.92 0.00	46.91 2.49 0.00	59.52 1.73 0.00	71.22 2.96 -0.81	63.85 1.92 -0.01	61.75 2.09 -0.01	61.95 3.34 0.00	61.51 3.43 0.00	62.03 4.06 0.00	64.31 3.79 -0.33	63.15 3.68 -0.07	71.55 4.56 0.00	90.90 6.89 0.00	114.01 8.82 -0.19	101.52 8.21 0.00	88.77 7.47 -0.01	72.27 5.10 0.00	65.48 4.90 0.00	56.88 5.03 0.00	53.63 4.29 0.00
LITTLE FALLS____HYD 24013	46.34 2.46 0.00	42.18 2.24 0.00	41.32 2.19 0.00	39.62 2.07 0.00	40.57 2.22 0.00	47.00 2.58 0.00	61.20 3.41 0.00	71.57 4.11 0.00	65.57 3.65 0.00	63.12 3.46 0.00	62.36 3.75 0.00	61.75 3.66 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.84 3.44 0.00	70.54 3.55 0.00	88.54 4.54 0.00	110.87 5.88 0.00	98.44 5.13 0.00	85.84 4.55 0.00	70.93 3.76 0.00	64.21 3.63 0.00	54.91 3.06 0.00	52.30 2.96 0.00

LITTLRIV_115KV_TB1 356100	45.68 1.80 0.00	41.59 1.64 0.00	40.77 1.64 0.00	39.09 1.54 0.00	39.72 1.38 0.00	46.07 1.64 0.00	60.16 2.37 0.00	69.81 2.36 0.00	64.15 2.23 0.00	61.45 1.79 0.00	60.13 1.52 0.00	59.60 1.51 0.00	59.54 1.57 0.00	61.64 1.44 0.00	60.64 1.25 0.00	68.00 1.00 0.00	85.27 1.26 0.00	107.30 2.31 0.00	94.99 1.68 0.00	83.00 1.71 0.00	68.65 1.48 0.00	62.27 1.70 0.00	53.15 1.30 0.00	50.63 1.28 0.00
LI_NEWBRDGE___DRP 323616	45.77 1.89 0.00	41.59 1.64 0.00	40.38 1.25 0.00	38.75 1.20 0.00	39.80 1.46 0.00	46.38 1.95 0.00	59.29 1.50 0.00	69.81 2.36 0.00	63.77 1.86 0.00	61.62 1.97 0.00	61.54 2.93 0.00	61.05 2.96 0.00	61.34 3.36 0.00	63.38 3.19 0.00	62.43 3.03 0.00	70.07 3.08 0.00	87.20 3.19 0.00	108.88 3.88 0.00	97.04 3.73 0.00	84.87 3.58 0.00	69.65 2.49 0.00	63.66 3.09 0.00	55.74 3.89 0.00	52.65 3.31 0.00
LOCKPORT_115KV_TB60_63_64 80432	43.14 -0.75 0.00	38.87 -1.08 0.00	38.19 -0.94 0.00	36.57 -0.98 0.00	37.58 -0.77 0.00	42.51 -1.91 0.00	54.15 -3.64 0.00	62.66 -4.79 0.00	57.52 -4.40 0.00	56.08 -3.58 0.00	54.50 -4.10 0.00	54.66 -3.43 0.00	54.09 -3.88 0.00	55.68 -4.51 0.00	55.00 -4.40 0.00	61.50 -5.49 0.00	76.45 -7.56 0.00	97.86 -7.14 0.00	86.87 -6.44 0.00	75.36 -5.93 0.00	62.20 -4.97 0.00	56.21 -4.36 0.00	48.33 -3.53 0.00	47.12 -2.22 0.00
LOCKPORT___CC1 323769	43.18 -0.70 0.00	38.79 -1.16 0.00	38.23 -0.90 0.00	36.57 -0.98 0.00	37.58 -0.77 0.00	42.56 -1.86 0.00	54.15 -3.64 0.00	62.66 -4.79 0.00	57.46 -4.46 0.00	56.08 -3.58 0.00	54.50 -4.10 0.00	54.25 -3.84 0.00	54.09 -3.88 0.00	55.68 -4.52 0.00	55.00 -4.39 0.00	60.76 -6.23 0.00	76.11 -7.90 0.00	97.43 -7.56 0.00	85.38 -7.93 0.00	74.71 -6.58 0.00	61.86 -5.31 0.00	56.16 -4.42 0.00	48.28 -3.58 0.00	47.07 -2.27 0.00
LOCKPORT___CC2 323770	43.18 -0.70 0.00	38.79 -1.16 0.00	38.23 -0.90 0.00	36.57 -0.98 0.00	37.58 -0.77 0.00	42.56 -1.86 0.00	54.15 -3.64 0.00	62.66 -4.79 0.00	57.46 -4.46 0.00	56.08 -3.58 0.00	54.50 -4.10 0.00	54.25 -3.84 0.00	54.09 -3.88 0.00	55.68 -4.52 0.00	55.00 -4.39 0.00	60.76 -6.23 0.00	76.11 -7.90 0.00	97.43 -7.56 0.00	85.38 -7.93 0.00	74.71 -6.58 0.00	61.86 -5.31 0.00	56.16 -4.42 0.00	48.28 -3.58 0.00	47.07 -2.27 0.00
LOCKPORT___CC3 323771	43.18 -0.70 0.00	38.79 -1.16 0.00	38.23 -0.90 0.00	36.57 -0.98 0.00	37.58 -0.77 0.00	42.56 -1.86 0.00	54.15 -3.64 0.00	62.66 -4.79 0.00	57.46 -4.46 0.00	56.08 -3.58 0.00	54.50 -4.10 0.00	54.25 -3.84 0.00	54.09 -3.88 0.00	55.68 -4.52 0.00	55.00 -4.39 0.00	60.76 -6.23 0.00	76.11 -7.90 0.00	97.43 -7.56 0.00	85.38 -7.93 0.00	74.71 -6.58 0.00	61.86 -5.31 0.00	56.16 -4.42 0.00	48.28 -3.58 0.00	47.07 -2.27 0.00
LOCUSVLY_69_KV_BK2 55797	46.08 2.19 0.00	41.90 1.96 0.00	40.70 1.57 0.00	39.09 1.54 0.00	40.11 1.76 0.00	46.73 2.31 0.00	59.98 2.20 0.00	70.54 3.17 0.08	64.58 2.66 0.00	62.40 2.74 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.92 3.94 0.00	63.95 3.79 0.03	63.07 3.68 0.01	70.81 3.82 0.00	88.38 4.37 0.00	110.41 5.46 0.04	98.34 5.04 0.00	85.92 4.63 0.00	70.53 3.36 0.00	64.33 3.76 0.00	56.05 4.20 0.00	52.99 3.65 0.00
LONG_LAKE_PHOENIX 24014	42.48 -1.40 0.00	38.67 -1.28 0.00	37.92 -1.21 0.00	36.39 -1.16 0.00	37.23 -1.11 0.00	43.13 -1.29 0.00	56.05 -1.73 0.00	65.63 -1.82 0.00	60.25 -1.67 0.00	57.99 -1.67 0.00	57.02 -1.58 0.00	56.58 -1.51 0.00	56.41 -1.57 0.00	58.51 -1.69 0.00	57.61 -1.78 0.00	65.05 -1.94 0.00	81.57 -2.44 0.00	102.37 -2.62 0.00	91.07 -2.24 0.00	79.26 -2.03 0.00	65.42 -1.75 0.00	58.94 -1.64 0.00	50.45 -1.40 0.00	47.96 -1.38 0.00
LOVETT___3 23632	45.42 1.54 0.00	41.39 1.44 0.00	40.34 1.21 0.00	38.75 1.20 0.00	39.65 1.30 0.00	46.24 1.82 0.00	60.27 2.48 0.00	70.76 3.31 0.00	64.83 2.91 0.00	62.52 2.86 0.00	61.60 2.99 0.00	61.11 3.02 0.00	61.05 3.07 0.00	63.32 3.13 0.00	62.43 3.03 0.00	70.27 3.28 0.00	88.21 4.20 0.00	110.24 5.25 0.00	98.16 4.85 0.00	85.52 4.23 0.00	70.46 3.29 0.00	63.85 3.27 0.00	54.81 2.96 0.00	51.96 2.62 0.00
LOVETT___4 23642	45.42 1.54 0.00	41.39 1.44 0.00	40.34 1.21 0.00	38.75 1.20 0.00	39.65 1.30 0.00	46.24 1.82 0.00	60.27 2.48 0.00	70.76 3.31 0.00	64.83 2.91 0.00	62.52 2.86 0.00	61.60 2.99 0.00	61.11 3.02 0.00	61.05 3.07 0.00	63.32 3.13 0.00	62.43 3.03 0.00	70.27 3.28 0.00	88.21 4.20 0.00	110.24 5.25 0.00	98.16 4.85 0.00	85.52 4.23 0.00	70.46 3.29 0.00	63.85 3.27 0.00	54.81 2.96 0.00	51.96 2.62 0.00
LOVETT___5 23593	45.42 1.54 0.00	41.39 1.44 0.00	40.34 1.21 0.00	38.75 1.20 0.00	39.65 1.30 0.00	46.24 1.82 0.00	60.27 2.48 0.00	70.76 3.31 0.00	64.83 2.91 0.00	62.52 2.86 0.00	61.60 2.99 0.00	61.11 3.02 0.00	61.05 3.07 0.00	63.32 3.13 0.00	62.43 3.03 0.00	70.27 3.28 0.00	88.21 4.20 0.00	110.24 5.25 0.00	98.16 4.85 0.00	85.52 4.23 0.00	70.46 3.29 0.00	63.85 3.27 0.00	54.81 2.96 0.00	51.96 2.62 0.00
LOWER RAQUET___HYD 24057	45.20 1.32 0.00	41.11 1.16 0.00	40.34 1.21 0.00	38.64 1.09 0.00	39.23 0.88 0.00	45.31 0.89 0.00	59.17 1.38 0.00	68.80 1.35 0.00	63.28 1.36 0.00	60.85 1.19 0.00	59.60 1.00 0.00	59.07 0.99 0.00	58.96 0.98 0.00	61.09 0.90 0.00	60.05 0.65 0.00	67.26 0.27 0.00	84.09 0.08 0.00	104.99 0.00 0.00	93.12 -0.19 0.00	81.37 0.08 0.00	67.44 0.27 0.00	61.06 0.48 0.00	52.42 0.57 0.00	49.94 0.59 0.00
LOWER___HUDSON 24059	44.76 0.88 0.00	40.83 0.88 0.00	39.99 0.86 0.00	38.45 0.90 0.00	39.30 0.96 0.00	45.66 1.24 0.00	59.46 1.68 0.00	69.34 1.89 0.00	63.28 1.36 0.00	60.91 1.25 0.00	60.01 1.40 0.00	59.25 1.16 0.00	59.25 1.27 0.00	61.58 1.39 0.00	60.94 1.54 0.00	68.94 1.94 0.00	86.02 2.01 0.00	107.30 2.31 0.00	95.54 2.24 0.00	83.16 1.87 0.00	68.91 1.74 0.00	62.03 1.45 0.00	53.30 1.45 0.00	50.67 1.33 0.00
LOWVILLE_115KV_TB2 356335	44.41 0.53 0.00	40.47 0.52 0.00	39.64 0.51 0.00	38.04 0.49 0.00	38.99 0.65 0.00	45.31 0.89 0.00	59.17 1.39 0.00	69.27 1.82 0.00	63.65 1.73 0.00	60.73 1.07 0.00	59.95 1.35 0.00	59.13 1.05 0.00	58.84 0.87 0.00	61.03 0.84 0.00	60.05 0.65 0.00	67.19 0.20 0.00	84.76 0.76 0.00	106.99 1.99 0.00	94.80 1.49 0.00	82.59 1.30 0.00	67.98 0.81 0.00	61.54 0.97 0.00	52.37 0.52 0.00	49.84 0.49 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	45.42 1.54 0.00	41.43 1.48 0.00	40.58 1.45 0.00	38.98 1.43 0.00	39.88 1.53 0.00	46.33 1.91 0.00	59.87 2.08 0.00	70.01 2.56 0.00	64.02 2.11 0.00	61.51 1.85 0.00	60.60 1.99 0.00	59.83 1.74 0.00	59.89 1.91 0.00	62.12 1.93 0.00	61.42 2.02 0.00	69.40 2.41 0.00	87.28 3.28 0.00	108.56 3.57 0.00	96.67 3.36 0.00	84.05 2.76 0.00	69.72 2.55 0.00	62.88 2.30 0.00	54.29 2.44 0.00	51.51 2.17 0.00

LUTHERNY_35_KV_BK2 355980	45.42 1.54 0.00	41.43 1.48 0.00	40.58 1.45 0.00	38.98 1.43 0.00	39.88 1.53 0.00	46.33 1.91 0.00	59.92 2.14 0.00	70.08 2.63 0.00	64.02 2.11 0.00	61.56 1.91 0.00	60.60 1.99 0.00	59.83 1.74 0.00	59.89 1.91 0.00	62.18 1.99 0.00	61.42 2.02 0.00	69.47 2.48 0.00	87.28 3.28 0.00	108.67 3.67 0.00	96.76 3.45 0.00	84.14 2.85 0.00	69.72 2.55 0.00	62.88 2.30 0.00	54.29 2.44 0.00	51.51 2.17 0.00
LWR___OSWEGATCHIE_HYD 23850	44.41 0.53 0.00	40.47 0.52 0.00	39.64 0.51 0.00	38.00 0.45 0.00	38.76 0.42 0.00	44.96 0.53 0.00	58.71 0.92 0.00	68.46 1.01 0.00	62.78 0.87 0.00	60.07 0.42 0.00	59.08 0.47 0.00	58.55 0.46 0.00	58.38 0.41 0.00	60.49 0.30 0.00	59.52 0.12 0.00	66.59 -0.40 0.00	83.67 -0.34 0.00	105.31 0.31 0.00	93.21 -0.09 0.00	81.37 0.08 0.00	67.17 0.00 0.00	60.94 0.36 0.00	51.96 0.10 0.00	49.49 0.15 0.00
LYONS_FALL_HYD 23570	44.41 0.53 0.00	40.47 0.52 0.00	39.64 0.51 0.00	38.04 0.49 0.00	38.99 0.65 0.00	45.31 0.89 0.00	59.17 1.38 0.00	69.27 1.82 0.00	63.65 1.73 0.00	60.85 1.19 0.00	60.07 1.47 0.00	59.31 1.22 0.00	59.02 1.04 0.00	61.28 1.08 0.00	60.29 0.89 0.00	67.66 0.67 0.00	85.27 1.26 0.00	107.41 2.42 0.00	95.07 1.77 0.00	82.92 1.63 0.00	68.31 1.14 0.00	61.72 1.15 0.00	52.58 0.73 0.00	50.03 0.69 0.00
MADISON___COUNTY_LFGE 323628	44.59 0.70 0.00	40.59 0.64 0.00	39.80 0.67 0.00	38.19 0.64 0.00	39.19 0.84 0.00	45.53 1.11 0.00	59.35 1.56 0.00	69.61 2.16 0.00	63.84 1.92 0.00	61.15 1.49 0.00	60.31 1.70 0.00	59.77 1.68 0.00	59.48 1.51 0.00	61.70 1.50 0.00	60.76 1.37 0.00	68.53 1.54 0.00	86.28 2.27 0.00	108.56 3.57 0.00	96.11 2.80 0.00	83.73 2.44 0.00	68.98 1.81 0.00	62.21 1.64 0.00	53.10 1.24 0.00	50.58 1.23 0.00
MALONE___115KV_TB1 356076	45.20 1.32 0.00	41.15 1.20 0.00	40.34 1.21 0.00	38.60 1.05 0.00	39.22 0.88 0.00	45.27 0.84 0.00	58.94 1.16 0.00	68.33 0.88 0.00	62.97 1.05 0.00	60.79 1.13 0.00	59.43 0.82 0.00	58.90 0.81 0.00	58.90 0.93 0.00	60.91 0.72 0.00	60.05 0.65 0.00	67.53 0.54 0.00	84.43 0.42 0.00	105.94 0.94 0.00	93.49 0.19 0.00	81.45 0.16 0.00	67.24 0.07 0.00	60.76 0.18 0.00	51.85 0.00 0.00	49.39 0.05 0.00
MAPLEWOD_115KV_TB3 80458	44.54 0.66 0.00	40.63 0.68 0.00	39.83 0.70 0.00	38.23 0.68 0.00	39.11 0.77 0.00	45.36 0.93 0.00	58.94 1.16 0.00	69.00 1.55 0.00	63.03 1.11 0.00	60.73 1.07 0.00	59.78 1.17 0.00	59.07 0.99 0.00	59.08 1.10 0.00	61.39 1.20 0.00	60.70 1.31 0.00	68.60 1.61 0.00	86.02 2.02 0.00	106.78 1.78 0.00	95.08 1.77 0.00	82.83 1.54 0.00	68.65 1.48 0.00	61.91 1.33 0.00	53.05 1.19 0.00	50.43 1.09 0.00
MAPLE_RIDGE_WT_1 323574	43.93 0.04 0.00	39.99 0.04 0.00	39.21 0.08 0.00	37.63 0.08 0.00	38.38 0.04 0.00	44.42 0.00 0.00	57.84 0.06 0.00	67.45 0.00 0.00	61.98 0.06 0.00	59.72 0.06 0.00	58.67 0.06 0.00	58.09 0.00 0.00	57.97 0.00 0.00	60.13 -0.06 0.00	59.34 -0.06 0.00	66.93 -0.07 0.00	83.84 -0.17 0.00	104.68 -0.31 0.00	93.03 -0.28 0.00	80.97 -0.32 0.00	66.90 -0.27 0.00	60.27 -0.30 0.00	51.60 -0.26 0.00	49.05 -0.29 0.00
MAPLE_RIDGE_WT_2 323611	43.93 0.04 0.00	39.99 0.04 0.00	39.21 0.08 0.00	37.63 0.08 0.00	38.38 0.04 0.00	44.42 0.00 0.00	57.84 0.06 0.00	67.45 0.00 0.00	61.98 0.06 0.00	59.72 0.06 0.00	58.67 0.06 0.00	58.09 0.00 0.00	57.97 0.00 0.00	60.13 -0.06 0.00	59.34 -0.06 0.00	66.93 -0.07 0.00	83.84 -0.17 0.00	104.68 -0.31 0.00	93.03 -0.28 0.00	80.97 -0.32 0.00	66.90 -0.27 0.00	60.27 -0.30 0.00	51.60 -0.26 0.00	49.05 -0.29 0.00
MARBLE_RIVER_WT_PWR 323696	44.54 0.66 0.00	40.58 0.64 0.00	39.79 0.66 0.00	38.08 0.53 0.00	38.65 0.31 0.00	44.25 -0.18 0.00	57.26 -0.52 0.00	66.65 -0.81 0.00	61.42 -0.50 0.00	59.30 -0.36 0.00	58.08 -0.53 0.00	57.56 -0.52 0.00	57.51 -0.47 0.00	59.59 -0.60 0.00	58.80 -0.59 0.00	66.32 -0.67 0.00	82.91 -1.09 0.00	103.31 -1.68 0.00	91.63 -1.68 0.00	79.58 -1.71 0.00	65.69 -1.48 0.00	59.00 -1.58 0.00	50.66 -1.19 0.00	48.36 -0.99 0.00
MARSHVLE_115KV_TB1 80742	44.02 0.13 0.00	40.15 0.20 0.00	39.29 0.16 0.00	37.74 0.19 0.00	38.69 0.35 0.00	45.18 0.76 0.00	58.54 0.75 0.00	68.46 1.01 0.00	62.10 0.19 0.00	58.88 -0.78 0.00	58.55 -0.06 0.00	57.85 -0.23 0.00	57.92 -0.06 0.00	60.25 0.06 0.00	59.69 0.30 0.00	67.86 0.87 0.00	85.35 1.34 0.00	107.20 2.20 0.00	95.36 2.05 0.00	82.83 1.54 0.00	68.24 1.07 0.00	62.15 1.57 0.00	53.10 1.24 0.00	50.23 0.89 0.00
MARSH_HILL_WT_PWR 323713	43.97 0.09 0.00	39.67 -0.28 0.00	39.13 0.00 0.00	37.36 -0.19 0.00	38.27 -0.08 0.00	44.11 -0.31 0.00	56.57 -1.22 0.00	66.10 -1.35 0.00	59.93 -1.98 0.00	57.81 -1.85 0.00	55.97 -2.64 0.00	55.70 -2.38 0.00	55.25 -2.72 0.00	56.88 -3.31 0.00	55.95 -3.45 0.00	61.77 -5.23 0.00	77.37 -6.64 0.00	99.43 -5.57 0.00	87.33 -5.97 0.00	76.25 -5.04 0.00	63.14 -4.03 0.00	57.36 -3.21 0.00	49.00 -2.85 0.00	47.42 -1.93 0.00
MCINTYRE_115KV_TB2 80467	45.90 2.02 0.00	41.82 1.88 0.00	41.01 1.88 0.00	39.28 1.73 0.00	39.99 1.65 0.00	46.33 1.91 0.00	60.62 2.83 0.00	70.28 2.83 0.00	64.46 2.54 0.00	61.62 1.97 0.00	60.25 1.64 0.00	59.71 1.63 0.00	59.66 1.68 0.00	61.82 1.63 0.00	60.88 1.48 0.00	68.47 1.47 0.00	86.02 2.02 0.00	108.56 3.57 0.00	96.11 2.80 0.00	83.89 2.60 0.00	69.32 2.15 0.00	62.82 2.24 0.00	53.51 1.66 0.00	51.02 1.68 0.00
MECO_____69_KV_BK1 80468	45.11 1.23 0.00	41.15 1.20 0.00	40.26 1.13 0.00	38.68 1.13 0.00	39.65 1.30 0.00	46.29 1.87 0.00	60.16 2.37 0.00	70.35 2.90 0.00	63.71 1.80 0.00	60.37 0.72 0.00	59.60 1.00 0.00	58.84 0.76 0.00	58.90 0.93 0.00	61.33 1.14 0.00	60.76 1.37 0.00	69.27 2.28 0.00	87.54 3.53 0.00	110.03 5.04 0.00	97.97 4.67 0.00	85.11 3.82 0.00	70.12 2.96 0.00	63.60 3.03 0.00	54.34 2.49 0.00	51.41 2.07 0.00
MENANDS___115KV_TB5 355628	44.37 0.48 0.00	40.47 0.52 0.00	39.68 0.55 0.00	38.08 0.53 0.00	38.96 0.61 0.00	45.18 0.76 0.00	58.71 0.92 0.00	68.67 1.21 0.00	62.72 0.80 0.00	60.43 0.78 0.00	59.54 0.94 0.00	58.78 0.70 0.00	58.84 0.87 0.00	61.15 0.96 0.00	60.47 1.07 0.00	68.26 1.27 0.00	85.60 1.60 0.00	106.25 1.26 0.00	94.52 1.21 0.00	82.35 1.06 0.00	68.31 1.14 0.00	61.54 0.97 0.00	52.79 0.93 0.00	50.18 0.84 0.00
MG INDUSTRY___DRP 24185	44.54 0.66 0.00	40.63 0.68 0.00	39.80 0.67 0.00	38.23 0.68 0.00	39.07 0.73 0.00	45.31 0.89 0.00	58.94 1.16 0.00	68.87 1.42 0.00	62.97 1.05 0.00	60.61 0.95 0.00	59.66 1.05 0.00	58.96 0.87 0.00	58.96 0.99 0.00	61.21 1.02 0.00	60.53 1.13 0.00	68.33 1.34 0.00	85.86 1.85 0.00	106.78 1.78 0.00	94.99 1.68 0.00	82.83 1.54 0.00	68.58 1.41 0.00	61.85 1.27 0.00	53.05 1.19 0.00	50.43 1.09 0.00

MID___OSWEGATCHIE_HYD 23849	44.41 0.53 0.00	40.47 0.52 0.00	39.64 0.51 0.00	38.00 0.45 0.00	38.76 0.42 0.00	44.96 0.53 0.00	58.71 0.92 0.00	68.46 1.01 0.00	62.78 0.87 0.00	60.07 0.42 0.00	59.08 0.47 0.00	58.55 0.46 0.00	58.38 0.41 0.00	60.49 0.30 0.00	59.52 0.12 0.00	66.59 -0.40 0.00	83.67 -0.34 0.00	105.31 0.31 0.00	93.21 -0.09 0.00	81.37 0.08 0.00	67.17 0.00 0.00	60.94 0.36 0.00	51.96 0.10 0.00	49.49 0.15 0.00
MID___RAQUETTE_HYD 23851	45.20 1.32 0.00	41.11 1.16 0.00	40.34 1.21 0.00	38.64 1.09 0.00	39.22 0.88 0.00	45.44 1.02 0.00	59.29 1.50 0.00	68.80 1.35 0.00	63.28 1.36 0.00	60.85 1.19 0.00	59.60 1.00 0.00	59.07 0.99 0.00	58.96 0.99 0.00	61.09 0.90 0.00	60.05 0.65 0.00	67.19 0.20 0.00	84.01 0.00 0.00	105.31 0.31 0.00	93.12 -0.19 0.00	81.45 0.16 0.00	67.44 0.27 0.00	61.30 0.73 0.00	52.42 0.57 0.00	49.93 0.59 0.00
MILLIKEN___1 23584	44.28 0.39 0.00	40.23 0.28 0.00	39.52 0.39 0.00	37.81 0.26 0.00	38.76 0.42 0.00	45.04 0.62 0.00	58.54 0.75 0.00	68.67 1.21 0.00	62.91 0.99 0.00	60.37 0.72 0.00	59.31 0.70 0.00	58.84 0.76 0.00	58.61 0.64 0.00	60.73 0.54 0.00	59.81 0.42 0.00	67.60 0.60 0.00	84.93 0.92 0.00	107.20 2.20 0.00	95.27 1.96 0.00	82.92 1.63 0.00	68.45 1.28 0.00	61.54 0.97 0.00	52.63 0.78 0.00	50.03 0.69 0.00
MILLIKEN___2 23585	44.28 0.39 0.00	40.23 0.28 0.00	39.52 0.39 0.00	37.81 0.26 0.00	38.76 0.42 0.00	45.04 0.62 0.00	58.54 0.75 0.00	68.67 1.21 0.00	62.91 0.99 0.00	60.37 0.72 0.00	59.31 0.70 0.00	58.84 0.76 0.00	58.61 0.64 0.00	60.73 0.54 0.00	59.81 0.42 0.00	67.60 0.60 0.00	84.93 0.92 0.00	107.20 2.20 0.00	95.27 1.96 0.00	82.92 1.63 0.00	68.45 1.28 0.00	61.54 0.97 0.00	52.63 0.78 0.00	50.03 0.69 0.00
MILLIKEN___DIESEL 23629	44.28 0.39 0.00	40.23 0.28 0.00	39.52 0.39 0.00	37.81 0.26 0.00	38.76 0.42 0.00	45.04 0.62 0.00	58.54 0.75 0.00	68.67 1.21 0.00	62.91 0.99 0.00	60.37 0.72 0.00	59.31 0.70 0.00	58.84 0.76 0.00	58.61 0.64 0.00	60.73 0.54 0.00	59.81 0.42 0.00	67.60 0.60 0.00	84.93 0.92 0.00	107.20 2.20 0.00	95.27 1.96 0.00	82.92 1.63 0.00	68.45 1.28 0.00	61.54 0.97 0.00	52.63 0.78 0.00	50.03 0.69 0.00
MILLSEAT___LFGE 323607	43.75 -0.13 0.00	39.35 -0.60 0.00	38.74 -0.39 0.00	37.10 -0.45 0.00	38.15 -0.19 0.00	43.31 -1.11 0.00	55.41 -2.37 0.00	64.28 -3.17 0.00	58.88 -3.03 0.00	57.45 -2.21 0.00	55.79 -2.81 0.00	55.59 -2.50 0.00	55.43 -2.55 0.00	57.00 -3.19 0.00	56.25 -3.15 0.00	62.24 -4.75 0.00	78.29 -5.72 0.00	100.38 -4.62 0.00	87.89 -5.41 0.00	76.90 -4.39 0.00	63.54 -3.63 0.00	57.67 -2.91 0.00	49.37 -2.49 0.00	48.06 -1.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.51 1.62 0.00	41.43 1.48 0.00	40.38 1.25 0.00	38.79 1.24 0.00	39.69 1.34 0.00	46.29 1.87 0.00	60.27 2.48 0.00	70.69 3.24 0.00	64.76 2.85 0.00	62.52 2.86 0.00	61.60 2.99 0.00	61.11 3.02 0.00	61.05 3.07 0.00	63.32 3.13 0.00	62.43 3.03 0.00	70.27 3.28 0.00	88.12 4.12 0.00	110.14 5.14 0.00	98.07 4.76 0.00	85.52 4.23 0.00	70.39 3.22 0.00	63.78 3.21 0.00	54.76 2.90 0.00	51.96 2.62 0.00
MILLWOOD_13_KV_LOAD 356217	45.55 1.67 0.00	41.51 1.56 0.00	40.46 1.33 0.00	38.83 1.28 0.00	39.72 1.38 0.00	46.38 1.95 0.00	60.39 2.60 0.00	70.82 3.37 0.00	64.95 3.03 0.00	62.64 2.98 0.00	61.71 3.11 0.00	61.22 3.14 0.00	61.16 3.19 0.00	63.50 3.31 0.00	62.60 3.21 0.00	70.48 3.48 0.00	88.38 4.37 0.00	110.45 5.46 0.00	98.34 5.04 0.00	85.76 4.47 0.00	70.59 3.43 0.00	63.91 3.33 0.00	54.86 3.01 0.00	52.06 2.71 0.00
MODEL_CITY_ENERGY 24167	42.74 -1.14 0.00	38.43 -1.52 0.00	37.84 -1.29 0.00	36.23 -1.32 0.00	37.23 -1.11 0.00	42.11 -2.31 0.00	53.51 -4.28 0.00	61.92 -5.53 0.00	56.84 -5.08 0.00	55.48 -4.18 0.00	53.86 -4.75 0.00	53.61 -4.47 0.00	53.51 -4.46 0.00	55.07 -5.12 0.00	54.41 -4.99 0.00	60.09 -6.90 0.00	75.27 -8.74 0.00	96.28 -8.71 0.00	84.44 -8.87 0.00	73.89 -7.40 0.00	61.19 -5.98 0.00	55.55 -5.03 0.00	47.76 -4.10 0.00	46.58 -2.76 0.00
MODERN_LFGE___ 323580	42.74 -1.14 0.00	38.43 -1.52 0.00	37.84 -1.29 0.00	36.23 -1.32 0.00	37.23 -1.11 0.00	42.11 -2.31 0.00	53.51 -4.28 0.00	61.92 -5.53 0.00	56.84 -5.08 0.00	55.48 -4.18 0.00	53.86 -4.75 0.00	53.61 -4.47 0.00	53.51 -4.46 0.00	55.07 -5.12 0.00	54.41 -4.99 0.00	60.09 -6.90 0.00	75.27 -8.74 0.00	96.28 -8.71 0.00	84.44 -8.87 0.00	73.89 -7.40 0.00	61.19 -5.98 0.00	55.55 -5.03 0.00	47.76 -4.10 0.00	46.58 -2.76 0.00
MOHAWK_PAPER___DRP 24187	44.54 0.66 0.00	40.63 0.68 0.00	39.83 0.70 0.00	38.23 0.68 0.00	39.11 0.77 0.00	45.36 0.93 0.00	58.94 1.16 0.00	69.00 1.55 0.00	63.03 1.11 0.00	60.73 1.07 0.00	59.78 1.17 0.00	59.07 0.99 0.00	59.08 1.10 0.00	61.39 1.20 0.00	60.70 1.31 0.00	68.60 1.61 0.00	86.02 2.02 0.00	106.78 1.78 0.00	95.08 1.77 0.00	82.83 1.54 0.00	68.65 1.48 0.00	61.91 1.33 0.00	53.05 1.19 0.00	50.43 1.09 0.00
MOHICAN___35_KV_115KV_LD 80490	45.95 2.06 0.00	41.90 1.96 0.00	41.05 1.92 0.00	39.43 1.88 0.00	40.38 2.03 0.00	46.96 2.53 0.00	60.04 2.25 0.00	70.22 2.77 0.00	64.21 2.29 0.00	61.62 1.97 0.00	60.72 2.11 0.00	59.89 1.80 0.00	60.00 2.03 0.00	62.12 1.93 0.00	61.36 1.96 0.00	69.34 2.34 0.00	87.28 3.28 0.00	108.88 3.88 0.00	96.85 3.55 0.00	84.22 2.93 0.00	69.79 2.62 0.00	63.06 2.48 0.00	55.12 3.27 0.00	52.20 2.86 0.00
MONGAUP___HYD 23641	45.42 1.54 0.00	41.34 1.40 0.00	40.34 1.21 0.00	38.79 1.24 0.00	39.65 1.30 0.00	46.24 1.82 0.00	60.21 2.43 0.00	70.56 3.10 0.00	64.52 2.60 0.00	61.98 2.32 0.00	60.83 2.23 0.00	60.29 2.21 0.00	60.23 2.26 0.00	62.60 2.41 0.00	61.77 2.38 0.00	69.81 2.81 0.00	88.04 4.03 0.00	110.35 5.35 0.00	98.62 5.32 0.00	85.84 4.55 0.00	70.39 3.22 0.00	63.90 3.33 0.00	54.65 2.80 0.00	51.81 2.47 0.00
MONTAUK___DIESEL 23721	46.61 2.72 0.00	42.38 2.44 0.00	40.97 1.84 0.00	39.35 1.80 0.00	40.57 2.22 0.00	47.22 2.80 0.00	59.92 2.14 0.00	71.71 3.44 -0.82	64.47 2.54 -0.01	62.59 2.92 -0.01	63.00 4.40 0.00	61.92 3.83 0.00	62.32 4.35 0.00	64.43 3.91 -0.33	63.15 3.68 -0.07	70.54 3.55 0.00	87.28 3.28 0.00	108.86 3.67 -0.19	96.57 3.27 0.00	84.47 3.17 -0.01	68.78 1.61 0.00	63.30 2.73 0.00	55.59 3.73 0.00	52.89 3.55 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.66 -0.22 0.00	39.47 -0.48 0.00	38.86 -0.27 0.00	37.17 -0.38 0.00	38.23 -0.12 0.00	43.58 -0.84 0.00	55.99 -1.79 0.00	65.02 -2.43 0.00	59.87 -2.04 0.00	58.16 -1.49 0.00	56.38 -2.23 0.00	56.52 -1.57 0.00	55.89 -2.09 0.00	57.42 -2.77 0.00	56.78 -2.61 0.00	63.37 -3.62 0.00	78.80 -5.21 0.00	101.43 -3.57 0.00	89.76 -3.55 0.00	77.63 -3.66 0.00	63.95 -3.22 0.00	57.67 -2.91 0.00	49.57 -2.28 0.00	48.06 -1.28 0.00

MORRIS_RIDGE___SOLAR 323848	43.58 -0.31 0.00	39.31 -0.64 0.00	38.74 -0.39 0.00	37.02 -0.53 0.00	37.92 -0.42 0.00	43.45 -0.98 0.00	55.65 -2.14 0.00	64.82 -2.63 0.00	59.26 -2.66 0.00	57.27 -2.39 0.00	55.56 -3.05 0.00	55.36 -2.73 0.00	55.02 -2.95 0.00	56.70 -3.49 0.00	55.89 -3.50 0.00	61.84 -5.16 0.00	77.54 -6.47 0.00	99.43 -5.57 0.00	87.33 -5.97 0.00	76.25 -5.04 0.00	63.14 -4.03 0.00	57.36 -3.21 0.00	49.10 -2.75 0.00	47.57 -1.77 0.00
MORTIMER_115KV_TB3 55949	43.53 -0.35 0.00	39.31 -0.64 0.00	38.58 -0.55 0.00	36.99 -0.56 0.00	38.00 -0.35 0.00	43.45 -0.98 0.00	55.99 -1.79 0.00	65.36 -2.09 0.00	59.94 -1.98 0.00	58.22 -1.43 0.00	56.97 -1.64 0.00	56.92 -1.16 0.00	56.53 -1.45 0.00	58.26 -1.93 0.00	57.50 -1.90 0.00	64.45 -2.55 0.00	80.73 -3.28 0.00	102.48 -2.52 0.00	90.79 -2.52 0.00	79.01 -2.28 0.00	65.02 -2.15 0.00	58.70 -1.88 0.00	50.25 -1.61 0.00	48.45 -0.89 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.86 1.97 0.00	41.74 1.80 0.00	40.66 1.53 0.00	39.01 1.46 0.00	39.95 1.61 0.00	46.64 2.22 0.00	60.68 2.89 0.00	71.16 3.71 0.00	65.26 3.34 0.00	63.00 3.34 0.00	62.06 3.46 0.00	61.57 3.49 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.71 4.70 0.00	110.87 5.88 0.00	98.72 5.41 0.00	86.00 4.71 0.00	70.86 3.69 0.00	64.21 3.63 0.00	55.22 3.37 0.00	52.40 3.06 0.00
MUNSVILLE_WIND_PWR 323609	46.21 2.32 0.00	42.02 2.08 0.00	41.20 2.07 0.00	39.46 1.91 0.00	40.72 2.38 0.00	47.62 3.20 0.00	62.24 4.45 0.00	73.25 5.80 0.00	67.12 5.20 0.00	63.77 4.11 0.00	62.94 4.34 0.00	62.32 4.24 0.00	61.74 3.77 0.00	63.92 3.73 0.00	62.84 3.44 0.00	70.88 3.88 0.00	89.97 5.97 0.00	114.86 9.87 0.00	101.15 7.84 0.00	88.03 6.74 0.00	72.34 5.17 0.00	65.06 4.48 0.00	55.17 3.32 0.00	52.55 3.21 0.00
N SALMON___HYD 24042	45.20 1.32 0.00	41.14 1.20 0.00	40.34 1.21 0.00	38.60 1.05 0.00	39.23 0.88 0.00	45.09 0.67 0.00	58.77 0.98 0.00	68.33 0.87 0.00	62.97 1.05 0.00	60.79 1.13 0.00	59.43 0.82 0.00	58.90 0.81 0.00	58.90 0.92 0.00	60.92 0.72 0.00	60.05 0.65 0.00	67.53 0.53 0.00	84.43 0.42 0.00	105.52 0.53 0.00	93.49 0.19 0.00	81.37 0.08 0.00	67.24 0.07 0.00	60.45 -0.12 0.00	51.85 0.00 0.00	49.39 0.05 0.00
N.AKRON__115KV_KNAPP 355671	43.71 -0.18 0.00	39.39 -0.56 0.00	38.70 -0.43 0.00	37.06 -0.49 0.00	38.11 -0.23 0.00	43.22 -1.20 0.00	55.30 -2.48 0.00	64.08 -3.37 0.00	58.76 -3.16 0.00	57.33 -2.33 0.00	55.68 -2.93 0.00	55.82 -2.27 0.00	55.25 -2.72 0.00	56.82 -3.37 0.00	56.13 -3.27 0.00	62.77 -4.22 0.00	78.38 -5.63 0.00	100.38 -4.62 0.00	89.01 -4.29 0.00	77.31 -3.98 0.00	63.68 -3.49 0.00	57.49 -3.09 0.00	49.31 -2.54 0.00	47.96 -1.38 0.00
N.E_GEN_SANDY PD 24062	44.58 0.70 0.00	40.67 0.72 0.00	39.87 0.74 0.00	38.34 0.79 0.00	39.23 0.88 0.00	44.71 1.06 0.78	60.06 1.50 -0.78	70.00 1.75 -0.80	62.17 1.05 0.80	60.73 1.07 0.00	59.84 1.23 0.00	59.07 0.99 0.00	59.02 1.04 0.00	61.39 1.20 0.00	60.94 1.54 0.00	69.00 2.01 0.00	85.60 1.59 0.00	106.57 1.58 0.00	95.07 1.77 0.00	82.83 1.54 0.00	69.38 1.55 -0.67	61.00 1.09 0.67	52.99 1.14 0.00	50.38 1.04 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.46 1.58 0.00	41.39 1.44 0.00	40.38 1.25 0.00	38.79 1.24 0.00	39.69 1.34 0.00	46.24 1.82 0.00	60.39 2.60 0.00	70.89 3.44 0.00	64.95 3.03 0.00	62.64 2.98 0.00	61.65 3.05 0.00	61.22 3.14 0.00	61.16 3.19 0.00	63.44 3.25 0.00	62.54 3.15 0.00	70.41 3.42 0.00	88.38 4.37 0.00	110.56 5.56 0.00	98.44 5.13 0.00	85.76 4.47 0.00	70.53 3.36 0.00	63.97 3.39 0.00	54.91 3.06 0.00	52.06 2.71 0.00
N.QUEENS_27_KV_LOAD 356247	46.48 2.59 -0.01	42.27 2.32 -0.01	41.21 2.07 -0.01	39.55 1.99 -0.01	40.50 2.15 -0.01	47.19 2.75 -0.01	60.96 3.18 0.00	70.89 3.44 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.12 3.52 0.00	61.63 3.54 0.00	61.57 3.59 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.68 3.68 0.00	88.54 4.54 0.00	110.66 5.67 0.00	98.53 5.23 0.00	85.84 4.55 0.00	70.80 3.63 0.00	64.15 3.57 0.00	55.69 3.84 0.00	52.95 3.60 -0.01
N.TROY___115KV_TB1 355778	44.76 0.88 0.00	40.83 0.88 0.00	39.99 0.86 0.00	38.41 0.86 0.00	39.30 0.96 0.00	45.62 1.20 0.00	59.29 1.50 0.00	69.34 1.89 0.00	63.22 1.30 0.00	60.91 1.25 0.00	60.01 1.41 0.00	59.19 1.10 0.00	59.25 1.28 0.00	61.58 1.38 0.00	60.94 1.54 0.00	68.87 1.88 0.00	86.44 2.44 0.00	107.20 2.20 0.00	95.45 2.15 0.00	83.08 1.79 0.00	68.98 1.81 0.00	62.03 1.45 0.00	53.36 1.50 0.00	50.67 1.33 0.00
NARROWS_GT1_1 24228	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NARROWS_GT1_2 24229	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NARROWS_GT1_3 24230	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NARROWS_GT1_4 24231	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NARROWS_GT1_5 24232	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01

NARROWS_GT1_6 24233	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NARROWS_GT1_7 24234	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NARROWS_GT1_8 24235	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NARROWS_GT2_1 24236	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NARROWS_GT2_2 24237	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NARROWS_GT2_3 24238	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NARROWS_GT2_4 24239	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NARROWS_GT2_5 24240	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NARROWS_GT2_6 24241	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NARROWS_GT2_7 24242	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NARROWS_GT2_8 24243	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.76 0.88 0.00	40.87 0.92 0.00	39.99 0.86 0.00	38.53 0.98 0.00	39.34 1.00 0.00	45.62 1.20 0.00	59.46 1.68 0.00	69.61 2.16 0.00	63.46 1.55 0.00	60.79 1.13 0.00	59.60 1.00 0.00	58.90 0.81 0.00	58.90 0.93 0.00	61.21 1.02 0.00	60.58 1.19 0.00	68.60 1.61 0.00	86.44 2.44 0.00	108.04 3.04 0.00	96.39 3.08 0.00	83.89 2.60 0.00	69.05 1.88 0.00	62.45 1.88 0.00	53.51 1.66 0.00	50.77 1.43 0.00
NCHELSEA_115KV_TR2 355582	45.55 1.67 0.00	41.51 1.56 0.00	40.46 1.33 0.00	38.90 1.35 0.00	39.76 1.42 0.00	46.38 1.95 0.00	60.39 2.60 0.00	70.82 3.37 0.00	64.95 3.03 0.00	62.58 2.92 0.00	61.60 2.99 0.00	61.11 3.02 0.00	60.99 3.01 0.00	63.38 3.19 0.00	62.49 3.09 0.00	70.34 3.35 0.00	88.38 4.37 0.00	110.56 5.56 0.00	98.44 5.13 0.00	85.84 4.55 0.00	70.53 3.36 0.00	63.97 3.39 0.00	54.86 3.01 0.00	52.06 2.71 0.00
NEG CAPITAL___MECHNVIL 23645	45.38 1.49 0.00	41.43 1.48 0.00	40.54 1.41 0.00	38.98 1.43 0.00	39.88 1.54 0.00	46.33 1.91 0.00	60.39 2.60 0.00	70.22 2.77 0.00	64.14 2.23 0.00	61.62 1.97 0.00	60.71 2.11 0.00	60.00 1.91 0.00	60.00 2.03 0.00	62.24 2.05 0.00	61.53 2.14 0.00	69.67 2.68 0.00	87.20 3.19 0.00	108.98 3.99 0.00	97.04 3.74 0.00	84.38 3.09 0.00	69.79 2.62 0.00	62.93 2.36 0.00	54.24 2.39 0.00	51.46 2.12 0.00
NEG CENTRAL_HIGH_ACRES 23767	42.48 -1.41 0.00	38.39 -1.56 0.00	37.72 -1.41 0.00	36.16 -1.39 0.00	37.11 -1.23 0.00	42.69 -1.73 0.00	55.13 -2.66 0.00	64.35 -3.10 0.00	59.07 -2.85 0.00	57.33 -2.33 0.00	56.15 -2.46 0.00	55.88 -2.21 0.00	55.71 -2.26 0.00	57.48 -2.71 0.00	56.67 -2.73 0.00	63.51 -3.49 0.00	79.89 -4.11 0.00	101.11 -3.88 0.00	89.02 -4.29 0.00	77.72 -3.57 0.00	64.15 -3.02 0.00	57.91 -2.66 0.00	49.52 -2.33 0.00	47.57 -1.77 0.00

NEG CENTRAL___DRP 24199	43.40 -0.48 0.00	39.39 -0.56 0.00	38.66 -0.47 0.00	37.02 -0.53 0.00	37.96 -0.38 0.00	43.93 -0.49 0.00	56.98 -0.81 0.00	66.78 -0.67 0.00	61.30 -0.62 0.00	59.12 -0.54 0.00	58.08 -0.53 0.00	57.74 -0.35 0.00	57.45 -0.52 0.00	59.47 -0.72 0.00	58.56 -0.83 0.00	66.05 -0.94 0.00	82.92 -1.09 0.00	104.57 -0.42 0.00	92.84 -0.47 0.00	80.80 -0.49 0.00	66.56 -0.60 0.00	59.91 -0.67 0.00	51.23 -0.62 0.00	48.85 -0.49 0.00
NEG CENTRAL___INDECK 23768	44.94 1.05 0.00	40.51 0.56 0.00	39.91 0.78 0.00	38.15 0.60 0.00	39.19 0.84 0.00	45.04 0.62 0.00	58.13 0.35 0.00	68.06 0.61 0.00	61.98 0.06 0.00	59.78 0.12 0.00	57.91 -0.70 0.00	57.51 -0.58 0.00	57.11 -0.87 0.00	58.92 -1.27 0.00	58.15 -1.25 0.00	62.50 -4.49 0.00	78.88 -5.13 0.00	101.53 -3.46 0.00	89.39 -3.92 0.00	78.20 -3.09 0.00	64.55 -2.62 0.00	60.51 -0.06 0.00	51.60 -0.26 0.00	49.74 0.39 0.00
NEG CENTRAL___SENECA 23627	43.45 -0.44 0.00	39.35 -0.60 0.00	38.66 -0.47 0.00	37.02 -0.53 0.00	38.00 -0.35 0.00	43.89 -0.53 0.00	56.86 -0.92 0.00	66.51 -0.94 0.00	61.05 -0.87 0.00	59.00 -0.66 0.00	57.96 -0.64 0.00	57.68 -0.41 0.00	57.34 -0.64 0.00	59.35 -0.84 0.00	58.45 -0.95 0.00	65.85 -1.14 0.00	82.58 -1.43 0.00	104.36 -0.63 0.00	92.65 -0.65 0.00	80.56 -0.73 0.00	66.30 -0.87 0.00	59.67 -0.91 0.00	51.02 -0.83 0.00	48.75 -0.59 0.00
NEG CENTRAL___STATE_STREET 24147	43.53 -0.35 0.00	39.51 -0.44 0.00	38.82 -0.31 0.00	37.21 -0.34 0.00	38.11 -0.23 0.00	44.20 -0.22 0.00	57.44 -0.35 0.00	67.32 -0.13 0.00	61.79 -0.12 0.00	59.42 -0.24 0.00	58.43 -0.18 0.00	58.03 -0.06 0.00	57.80 -0.17 0.00	59.95 -0.24 0.00	59.04 -0.36 0.00	66.66 -0.33 0.00	83.67 -0.34 0.00	105.52 0.52 0.00	93.77 0.47 0.00	81.53 0.24 0.00	67.24 0.07 0.00	60.45 -0.12 0.00	51.70 -0.16 0.00	49.19 -0.15 0.00
NEG MILLWOOD___DRP 24198	45.64 1.76 0.00	41.63 1.68 0.00	40.54 1.41 0.00	38.98 1.43 0.00	39.84 1.50 0.00	46.51 2.09 0.00	60.62 2.83 0.00	71.16 3.71 0.00	65.32 3.41 0.00	62.94 3.28 0.00	62.01 3.40 0.00	61.46 3.37 0.00	61.40 3.42 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.81 3.82 0.00	88.88 4.87 0.00	111.19 6.19 0.00	99.00 5.69 0.00	86.33 5.04 0.00	70.86 3.69 0.00	64.21 3.63 0.00	55.02 3.16 0.00	52.25 2.91 0.00
NEG NORTH_FLCN_SEA 23793	44.85 0.97 0.00	40.83 0.88 0.00	40.03 0.90 0.00	38.30 0.75 0.00	38.92 0.58 0.00	44.51 0.09 0.00	56.86 -0.92 0.00	65.56 -1.89 0.00	60.49 -1.42 0.00	58.40 -1.25 0.00	57.20 -1.41 0.00	56.63 -1.45 0.00	56.64 -1.33 0.00	58.63 -1.56 0.00	57.91 -1.48 0.00	65.25 -1.74 0.00	81.57 -2.44 0.00	102.06 -2.94 0.00	90.13 -3.17 0.00	78.36 -2.93 0.00	64.62 -2.55 0.00	58.21 -2.36 0.00	50.09 -1.76 0.00	48.11 -1.23 0.00
NEG NORTH_KES_CHATEGAY 23792	44.72 0.83 0.00	40.71 0.76 0.00	39.91 0.78 0.00	38.19 0.64 0.00	38.76 0.42 0.00	44.65 0.22 0.00	57.90 0.12 0.00	67.05 -0.40 0.00	61.79 -0.12 0.00	59.60 -0.06 0.00	58.31 -0.29 0.00	57.80 -0.29 0.00	57.74 -0.23 0.00	59.89 -0.30 0.00	59.10 -0.30 0.00	66.59 -0.40 0.00	83.42 -0.59 0.00	104.36 -0.63 0.00	92.28 -1.03 0.00	80.23 -1.06 0.00	66.16 -1.01 0.00	59.61 -0.97 0.00	50.97 -0.88 0.00	48.60 -0.74 0.00
NEG NORTH___ALICE_FALLS 23915	45.03 1.14 0.00	40.95 1.00 0.00	40.19 1.06 0.00	38.45 0.90 0.00	39.03 0.69 0.00	44.87 0.44 0.00	57.79 0.00 0.00	66.78 -0.67 0.00	61.48 -0.43 0.00	59.36 -0.30 0.00	58.08 -0.53 0.00	57.56 -0.52 0.00	57.51 -0.46 0.00	59.59 -0.60 0.00	58.80 -0.59 0.00	66.32 -0.67 0.00	83.00 -1.01 0.00	104.05 -0.94 0.00	91.81 -1.49 0.00	79.91 -1.38 0.00	65.83 -1.34 0.00	59.36 -1.21 0.00	50.87 -0.99 0.00	48.65 -0.69 0.00
NEG NORTH___LWR_SARANAC 23913	45.03 1.14 0.00	40.95 1.00 0.00	40.19 1.06 0.00	38.45 0.90 0.00	39.03 0.69 0.00	44.87 0.44 0.00	57.79 0.00 0.00	66.78 -0.67 0.00	61.48 -0.43 0.00	59.36 -0.30 0.00	58.08 -0.53 0.00	57.56 -0.52 0.00	57.51 -0.46 0.00	59.59 -0.60 0.00	58.80 -0.59 0.00	66.32 -0.67 0.00	83.00 -1.01 0.00	104.05 -0.94 0.00	91.81 -1.49 0.00	79.91 -1.38 0.00	65.83 -1.34 0.00	59.36 -1.21 0.00	50.87 -0.99 0.00	48.65 -0.69 0.00
NEG NORTH___PLATTSBURG 23628	45.02 1.14 0.00	40.95 1.00 0.00	40.19 1.06 0.00	38.45 0.90 0.00	39.03 0.69 0.00	44.47 0.04 0.00	57.44 -0.34 0.00	66.78 -0.67 0.00	61.49 -0.43 0.00	59.36 -0.30 0.00	58.08 -0.53 0.00	57.56 -0.52 0.00	57.51 -0.47 0.00	59.59 -0.60 0.00	58.80 -0.59 0.00	66.32 -0.67 0.00	83.00 -1.00 0.00	103.63 -1.37 0.00	91.91 -1.40 0.00	79.83 -1.46 0.00	65.89 -1.28 0.00	59.06 -1.51 0.00	50.87 -0.99 0.00	48.65 -0.69 0.00
NEG WEST_LEA_LOCKPORT 23791	43.18 -0.70 0.00	38.91 -1.04 0.00	38.23 -0.90 0.00	36.57 -0.98 0.00	37.58 -0.77 0.00	42.51 -1.91 0.00	54.15 -3.64 0.00	62.66 -4.79 0.00	57.52 -4.40 0.00	56.08 -3.58 0.00	54.50 -4.10 0.00	54.60 -3.49 0.00	54.09 -3.88 0.00	55.68 -4.51 0.00	55.00 -4.40 0.00	61.43 -5.56 0.00	76.45 -7.56 0.00	97.86 -7.14 0.00	86.87 -6.44 0.00	75.36 -5.93 0.00	62.20 -4.97 0.00	56.21 -4.36 0.00	48.33 -3.53 0.00	47.12 -2.22 0.00
NEG WEST___LANCASTR 23811	43.14 -0.75 0.00	38.95 -1.00 0.00	38.31 -0.82 0.00	36.65 -0.90 0.00	37.65 -0.69 0.00	42.87 -1.55 0.00	54.95 -2.83 0.00	63.74 -3.71 0.00	58.45 -3.47 0.00	56.79 -2.86 0.00	55.09 -3.52 0.00	55.24 -2.85 0.00	54.67 -3.30 0.00	56.28 -3.91 0.00	55.54 -3.86 0.00	62.10 -4.89 0.00	77.29 -6.72 0.00	99.33 -5.67 0.00	88.08 -5.23 0.00	76.33 -4.96 0.00	63.00 -4.16 0.00	56.82 -3.76 0.00	48.85 -3.01 0.00	47.42 -1.92 0.00
NEG_PENN_ALLEGHNY 23528	44.10 0.22 0.00	40.07 0.12 0.00	39.33 0.20 0.00	37.66 0.11 0.00	38.61 0.27 0.00	44.78 0.35 0.00	58.08 0.29 0.00	68.33 0.87 0.00	62.66 0.75 0.00	60.31 0.66 0.00	59.25 0.65 0.00	58.84 0.75 0.00	58.61 0.64 0.00	60.79 0.60 0.00	59.87 0.47 0.00	67.33 0.34 0.00	84.51 0.51 0.00	106.46 1.47 0.00	94.24 0.93 0.00	82.19 0.90 0.00	67.84 0.67 0.00	61.24 0.67 0.00	52.37 0.52 0.00	49.89 0.54 0.00
NEG___GEN_MONROE 24207	43.75 -0.13 0.00	39.51 -0.44 0.00	38.74 -0.39 0.00	37.14 -0.41 0.00	38.19 -0.15 0.00	43.62 -0.80 0.00	56.05 -1.73 0.00	65.29 -2.16 0.00	59.87 -2.04 0.00	58.22 -1.43 0.00	56.85 -1.76 0.00	56.81 -1.28 0.00	56.35 -1.62 0.00	58.08 -2.11 0.00	57.26 -2.14 0.00	64.11 -2.88 0.00	80.14 -3.86 0.00	101.95 -3.04 0.00	90.51 -2.80 0.00	78.77 -2.52 0.00	64.89 -2.28 0.00	58.58 -2.00 0.00	50.14 -1.71 0.00	48.50 -0.84 0.00
NEPA___ENERGY 23901	43.66 -0.22 0.00	39.43 -0.52 0.00	38.78 -0.35 0.00	37.10 -0.45 0.00	38.11 -0.23 0.00	43.45 -0.98 0.00	55.71 -2.08 0.00	64.75 -2.70 0.00	59.32 -2.60 0.00	57.51 -2.15 0.00	55.79 -2.81 0.00	56.00 -2.09 0.00	55.37 -2.61 0.00	57.00 -3.19 0.00	56.31 -3.09 0.00	62.91 -4.09 0.00	78.38 -5.63 0.00	100.69 -4.30 0.00	89.29 -4.01 0.00	77.47 -3.82 0.00	63.95 -3.22 0.00	57.67 -2.91 0.00	49.52 -2.33 0.00	48.01 -1.33 0.00

NEVERSINK___HYD 23608	45.38 1.49 0.00	41.31 1.36 0.00	40.30 1.17 0.00	38.75 1.20 0.00	39.61 1.26 0.00	46.24 1.82 0.00	60.27 2.48 0.00	70.69 3.24 0.00	64.77 2.85 0.00	62.28 2.62 0.00	61.25 2.64 0.00	60.76 2.67 0.00	60.59 2.61 0.00	62.96 2.77 0.00	62.01 2.61 0.00	70.08 3.08 0.00	88.29 4.28 0.00	110.66 5.67 0.00	98.72 5.41 0.00	85.92 4.63 0.00	70.39 3.22 0.00	63.96 3.39 0.00	54.70 2.85 0.00	51.86 2.52 0.00
NEWKRMKL_115KV_TB1 55635	44.28 0.39 0.00	40.39 0.44 0.00	39.60 0.47 0.00	38.00 0.45 0.00	38.88 0.54 0.00	45.09 0.67 0.00	58.54 0.75 0.00	68.46 1.01 0.00	62.66 0.74 0.00	60.31 0.66 0.00	59.43 0.82 0.00	58.73 0.64 0.00	58.79 0.81 0.00	61.03 0.84 0.00	60.35 0.95 0.00	68.13 1.14 0.00	85.52 1.51 0.00	106.15 1.15 0.00	94.52 1.21 0.00	82.35 1.06 0.00	68.18 1.01 0.00	61.48 0.91 0.00	52.68 0.83 0.00	50.03 0.69 0.00
NEWTON___FALLS_HYD 23847	44.41 0.53 0.00	40.47 0.52 0.00	39.64 0.51 0.00	38.00 0.45 0.00	38.76 0.42 0.00	44.96 0.53 0.00	58.71 0.92 0.00	68.46 1.01 0.00	62.78 0.87 0.00	60.07 0.42 0.00	59.08 0.47 0.00	58.55 0.46 0.00	58.38 0.41 0.00	60.49 0.30 0.00	59.52 0.12 0.00	66.59 -0.40 0.00	83.67 -0.34 0.00	105.31 0.31 0.00	93.21 -0.09 0.00	81.37 0.08 0.00	67.17 0.00 0.00	60.94 0.36 0.00	51.96 0.10 0.00	49.49 0.15 0.00
NGRID_A1_DSASP 323792	43.09 -0.79 0.00	38.83 -1.12 0.00	38.15 -0.98 0.00	36.54 -1.01 0.00	37.50 -0.84 0.00	41.76 -2.67 0.00	52.99 -4.80 0.00	61.25 -6.21 0.00	56.28 -5.63 0.00	54.94 -4.71 0.00	53.39 -5.22 0.00	53.50 -4.59 0.00	52.99 -4.99 0.00	54.59 -5.60 0.00	53.99 -5.41 0.00	60.29 -6.70 0.00	74.85 -9.16 0.00	95.44 -9.55 0.00	84.82 -8.49 0.00	73.65 -7.64 0.00	60.92 -6.25 0.00	55.06 -5.51 0.00	47.39 -4.46 0.00	46.23 -3.11 0.00
NGRID_A2_DSASP 323793	43.09 -0.79 0.00	38.83 -1.12 0.00	38.15 -0.98 0.00	36.54 -1.01 0.00	37.50 -0.84 0.00	41.76 -2.67 0.00	52.99 -4.80 0.00	61.25 -6.21 0.00	56.28 -5.63 0.00	54.94 -4.71 0.00	53.39 -5.22 0.00	53.50 -4.59 0.00	52.99 -4.99 0.00	54.59 -5.60 0.00	53.99 -5.41 0.00	60.29 -6.70 0.00	74.85 -9.16 0.00	95.44 -9.55 0.00	84.82 -8.49 0.00	73.65 -7.64 0.00	60.92 -6.25 0.00	55.06 -5.51 0.00	47.39 -4.46 0.00	46.23 -3.11 0.00
NGRID_A4_DSASP 323807	43.09 -0.79 0.00	38.83 -1.12 0.00	38.15 -0.98 0.00	36.54 -1.01 0.00	37.50 -0.84 0.00	41.76 -2.67 0.00	52.99 -4.80 0.00	61.25 -6.21 0.00	56.28 -5.63 0.00	54.94 -4.71 0.00	53.39 -5.22 0.00	53.50 -4.59 0.00	52.99 -4.99 0.00	54.59 -5.60 0.00	53.99 -5.41 0.00	60.29 -6.70 0.00	74.85 -9.16 0.00	95.44 -9.55 0.00	84.82 -8.49 0.00	73.65 -7.64 0.00	60.92 -6.25 0.00	55.06 -5.51 0.00	47.39 -4.46 0.00	46.23 -3.11 0.00
NIAGARA_115E_LBMP 323715	42.52 -1.36 0.00	38.23 -1.72 0.00	37.64 -1.49 0.00	36.05 -1.50 0.00	37.00 -1.34 0.00	41.89 -2.53 0.00	53.16 -4.63 0.00	61.45 -6.00 0.00	56.47 -5.45 0.00	55.12 -4.54 0.00	53.51 -5.10 0.00	53.27 -4.82 0.00	53.16 -4.81 0.00	54.77 -5.42 0.00	54.11 -5.29 0.00	59.76 -7.24 0.00	74.77 -9.24 0.00	95.65 -9.34 0.00	83.79 -9.52 0.00	73.33 -7.96 0.00	60.79 -6.38 0.00	55.18 -5.39 0.00	47.45 -4.41 0.00	46.33 -3.01 0.00
NIAGARA_115W_LBMP 323714	43.05 -0.84 0.00	38.71 -1.24 0.00	38.11 -1.02 0.00	36.50 -1.05 0.00	37.46 -0.88 0.00	41.71 -2.71 0.00	52.82 -4.97 0.00	61.11 -6.34 0.00	56.09 -5.82 0.00	54.77 -4.89 0.00	53.22 -5.39 0.00	52.97 -5.11 0.00	52.87 -5.10 0.00	54.47 -5.72 0.00	53.81 -5.59 0.00	59.42 -7.57 0.00	74.35 -9.66 0.00	94.91 -10.08 0.00	83.23 -10.08 0.00	72.83 -8.46 0.00	60.45 -6.72 0.00	54.88 -5.70 0.00	47.19 -4.67 0.00	46.08 -3.26 0.00
NIAGARA_230_LBMP 323716	42.96 -0.92 0.00	38.63 -1.32 0.00	38.03 -1.10 0.00	36.42 -1.13 0.00	37.39 -0.96 0.00	42.29 -2.13 0.00	53.68 -4.10 0.00	62.12 -5.33 0.00	57.02 -4.89 0.00	55.66 -4.00 0.00	54.09 -4.51 0.00	53.85 -4.24 0.00	53.69 -4.29 0.00	55.32 -4.87 0.00	54.70 -4.69 0.00	60.43 -6.56 0.00	75.61 -8.40 0.00	96.59 -8.40 0.00	84.72 -8.58 0.00	74.14 -7.15 0.00	61.46 -5.71 0.00	55.79 -4.79 0.00	47.96 -3.89 0.00	46.77 -2.57 0.00
NIAGARA___115KV_198_GIBSON 55903	43.05 -0.83 0.00	38.79 -1.16 0.00	38.11 -1.02 0.00	36.50 -1.05 0.00	37.46 -0.88 0.00	41.67 -2.75 0.00	52.87 -4.91 0.00	61.11 -6.34 0.00	56.10 -5.82 0.00	54.76 -4.89 0.00	53.27 -5.33 0.00	53.38 -4.70 0.00	52.87 -5.10 0.00	54.47 -5.72 0.00	53.81 -5.58 0.00	60.16 -6.83 0.00	74.60 -9.41 0.00	95.23 -9.76 0.00	84.63 -8.68 0.00	73.49 -7.80 0.00	60.72 -6.45 0.00	54.94 -5.63 0.00	47.29 -4.56 0.00	46.13 -3.21 0.00
NIAGARA____ 23760	42.96 -0.92 0.00	38.63 -1.32 0.00	38.03 -1.10 0.00	36.42 -1.13 0.00	37.39 -0.96 0.00	42.29 -2.13 0.00	53.68 -4.10 0.00	62.12 -5.33 0.00	57.02 -4.89 0.00	55.66 -4.00 0.00	54.09 -4.51 0.00	53.85 -4.24 0.00	53.69 -4.29 0.00	55.32 -4.87 0.00	54.70 -4.69 0.00	60.43 -6.56 0.00	75.61 -8.40 0.00	96.59 -8.40 0.00	84.72 -8.58 0.00	74.14 -7.15 0.00	61.46 -5.71 0.00	55.79 -4.79 0.00	47.96 -3.89 0.00	46.77 -2.57 0.00
NINE_MILE_1 23575	42.22 -1.67 0.00	38.43 -1.52 0.00	37.68 -1.45 0.00	36.16 -1.39 0.00	37.00 -1.34 0.00	42.78 -1.64 0.00	55.59 -2.20 0.00	64.96 -2.49 0.00	59.63 -2.29 0.00	57.39 -2.27 0.00	56.44 -2.17 0.00	56.00 -2.09 0.00	55.83 -2.14 0.00	57.90 -2.29 0.00	57.08 -2.32 0.00	64.31 -2.68 0.00	80.73 -3.28 0.00	101.22 -3.78 0.00	89.76 -3.55 0.00	78.37 -2.92 0.00	64.69 -2.48 0.00	58.33 -2.24 0.00	49.94 -1.92 0.00	47.57 -1.77 0.00
NINE_MILE_2 23744	42.22 -1.67 0.00	38.43 -1.52 0.00	37.68 -1.45 0.00	36.16 -1.39 0.00	37.00 -1.34 0.00	42.83 -1.60 0.00	55.59 -2.20 0.00	64.96 -2.49 0.00	59.63 -2.29 0.00	57.45 -2.21 0.00	56.44 -2.17 0.00	56.00 -2.09 0.00	55.83 -2.14 0.00	57.90 -2.29 0.00	57.08 -2.32 0.00	64.31 -2.68 0.00	80.73 -3.28 0.00	101.22 -3.78 0.00	89.76 -3.55 0.00	78.37 -2.92 0.00	64.69 -2.48 0.00	58.33 -2.24 0.00	49.94 -1.92 0.00	47.57 -1.77 0.00
NM_CAPITAL___DRP 24208	44.28 0.39 0.00	40.39 0.44 0.00	39.60 0.47 0.00	38.04 0.49 0.00	38.92 0.58 0.00	45.09 0.67 0.00	58.59 0.81 0.00	68.53 1.08 0.00	62.66 0.74 0.00	60.37 0.72 0.00	59.43 0.82 0.00	58.73 0.64 0.00	58.73 0.75 0.00	61.03 0.84 0.00	60.35 0.95 0.00	68.20 1.21 0.00	85.52 1.51 0.00	106.04 1.05 0.00	94.43 1.12 0.00	82.27 0.98 0.00	68.24 1.07 0.00	61.42 0.85 0.00	52.68 0.83 0.00	50.08 0.74 0.00
NM_CENTRAL___DRP 24181	43.05 -0.83 0.00	39.15 -0.80 0.00	38.39 -0.74 0.00	36.84 -0.71 0.00	37.69 -0.65 0.00	43.67 -0.76 0.00	56.69 -1.10 0.00	66.37 -1.08 0.00	60.93 -0.99 0.00	58.70 -0.95 0.00	57.73 -0.88 0.00	57.33 -0.76 0.00	57.11 -0.87 0.00	59.23 -0.96 0.00	58.39 -1.01 0.00	65.85 -1.14 0.00	82.58 -1.43 0.00	103.63 -1.36 0.00	92.09 -1.21 0.00	80.15 -1.14 0.00	66.16 -1.01 0.00	59.61 -0.97 0.00	51.08 -0.78 0.00	48.60 -0.74 0.00

NM_FRONTIER___DRP 24179	43.05 -0.83 0.00	38.79 -1.16 0.00	38.11 -1.02 0.00	36.50 -1.05 0.00	37.46 -0.88 0.00	41.67 -2.75 0.00	52.87 -4.91 0.00	61.11 -6.34 0.00	56.10 -5.82 0.00	54.76 -4.89 0.00	53.27 -5.33 0.00	53.38 -4.70 0.00	52.87 -5.10 0.00	54.47 -5.72 0.00	53.81 -5.58 0.00	60.16 -6.83 0.00	74.60 -9.41 0.00	95.23 -9.76 0.00	84.63 -8.68 0.00	73.49 -7.80 0.00	60.72 -6.45 0.00	54.94 -5.63 0.00	47.29 -4.56 0.00	46.13 -3.21 0.00
NM_ST_REGIS___HYD 24053	45.24 1.36 0.00	41.15 1.20 0.00	40.38 1.25 0.00	38.64 1.09 0.00	39.22 0.88 0.00	45.40 0.98 0.00	59.23 1.44 0.00	68.67 1.21 0.00	63.22 1.30 0.00	60.85 1.19 0.00	59.60 1.00 0.00	59.02 0.93 0.00	58.96 0.99 0.00	61.03 0.84 0.00	60.05 0.65 0.00	67.33 0.33 0.00	84.18 0.17 0.00	105.52 0.52 0.00	93.21 -0.09 0.00	81.45 0.16 0.00	67.37 0.20 0.00	61.18 0.61 0.00	52.27 0.41 0.00	49.79 0.44 0.00
NORTHPORT___1 23551	45.95 2.06 0.00	41.75 1.80 0.00	40.46 1.33 0.00	38.86 1.31 0.00	39.95 1.61 0.00	46.60 2.18 0.00	58.71 0.92 0.00	66.57 1.89 2.77	63.24 1.36 0.04	61.11 1.49 0.04	61.36 2.76 0.00	61.10 3.02 0.00	61.28 3.30 0.00	62.02 2.95 1.12	62.02 2.85 0.23	70.54 3.55 0.00	89.30 5.30 0.00	110.50 6.51 1.00	99.56 6.25 0.00	87.02 5.77 0.05	71.00 3.83 0.00	64.33 3.76 0.00	56.36 4.51 0.00	53.19 3.85 0.00
NORTHPORT___2 23552	45.95 2.06 0.00	41.75 1.80 0.00	40.46 1.33 0.00	38.86 1.31 0.00	39.95 1.61 0.00	46.60 2.18 0.00	58.71 0.92 0.00	66.57 1.89 2.77	63.24 1.36 0.04	61.11 1.49 0.04	61.36 2.76 0.00	61.10 3.02 0.00	61.28 3.30 0.00	62.02 2.95 1.12	62.02 2.85 0.23	70.54 3.55 0.00	89.30 5.30 0.00	110.50 6.51 1.00	99.56 6.25 0.00	87.02 5.77 0.05	71.00 3.83 0.00	64.33 3.76 0.00	56.36 4.51 0.00	53.19 3.85 0.00
NORTHPORT___3 23553	45.81 1.93 0.00	41.62 1.68 0.00	40.38 1.25 0.00	38.79 1.24 0.00	39.88 1.54 0.00	46.47 2.04 0.00	58.59 0.81 0.00	67.60 1.75 1.61	63.13 1.24 0.02	61.01 1.37 0.02	61.25 2.64 0.00	60.99 2.90 0.00	61.16 3.19 0.00	62.37 2.83 0.65	62.00 2.73 0.13	70.34 3.35 0.00	89.05 5.04 0.00	110.70 6.30 0.59	99.28 5.98 0.00	86.79 5.53 0.03	70.79 3.62 0.00	64.21 3.63 0.00	56.26 4.41 0.00	53.04 3.70 0.00
NORTHPORT___4 23650	45.81 1.93 0.00	41.62 1.68 0.00	40.38 1.25 0.00	38.79 1.24 0.00	39.88 1.54 0.00	46.47 2.04 0.00	58.59 0.81 0.00	67.60 1.75 1.61	63.13 1.24 0.02	61.01 1.37 0.02	61.25 2.64 0.00	60.99 2.90 0.00	61.16 3.19 0.00	62.37 2.83 0.65	62.00 2.73 0.13	70.34 3.35 0.00	89.05 5.04 0.00	110.70 6.30 0.59	99.28 5.98 0.00	86.79 5.53 0.03	70.79 3.62 0.00	64.21 3.63 0.00	56.26 4.41 0.00	53.04 3.70 0.00
NORTHPORT___IC 23718	45.95 2.06 0.00	41.74 1.80 0.00	40.46 1.33 0.00	38.86 1.31 0.00	39.95 1.61 0.00	46.51 2.09 0.00	58.88 1.10 0.00	66.57 1.89 2.77	63.18 1.30 0.04	61.11 1.49 0.04	61.36 2.75 0.00	60.87 2.79 0.00	61.28 3.30 0.00	62.02 2.95 1.12	62.02 2.85 0.23	69.74 2.75 0.00	86.53 2.52 0.00	107.04 3.04 1.00	96.29 2.99 0.00	84.17 2.93 0.05	69.05 1.88 0.00	63.36 2.79 0.00	56.05 4.20 0.00	52.89 3.55 0.00
NORTH___COUNTRY_ESR 323785	44.58 0.70 0.00	40.58 0.64 0.00	39.79 0.66 0.00	38.11 0.56 0.00	38.65 0.31 0.00	44.33 -0.09 0.00	57.50 -0.29 0.00	66.91 -0.54 0.00	61.67 -0.25 0.00	59.54 -0.12 0.00	58.31 -0.29 0.00	57.74 -0.35 0.00	57.69 -0.29 0.00	59.83 -0.36 0.00	59.04 -0.35 0.00	66.59 -0.40 0.00	83.25 -0.76 0.00	103.74 -1.26 0.00	92.00 -1.31 0.00	79.91 -1.38 0.00	65.96 -1.21 0.00	59.24 -1.33 0.00	50.82 -1.04 0.00	48.46 -0.89 0.00
NPX_GEN_1385_PROXY 323591	45.68 1.80 0.00	41.50 1.56 0.00	40.38 1.25 0.00	38.75 1.20 0.00	39.95 1.61 0.00	45.69 2.04 0.78	59.20 0.64 -0.78	67.30 1.82 1.97	62.26 1.17 0.83	60.93 1.31 0.04	61.12 2.52 0.00	60.87 2.79 0.00	61.05 3.07 0.00	61.84 2.77 1.12	61.84 2.68 0.23	70.47 3.48 0.00	89.55 5.54 0.00	110.92 6.93 1.00	99.84 6.53 0.00	87.34 6.10 0.05	71.87 4.03 -0.67	63.54 3.63 0.67	56.21 4.36 0.00	53.04 3.70 0.00
NPX_GEN_CSC 323557	46.38 2.50 0.00	42.14 2.20 0.00	40.81 1.68 0.00	39.16 1.61 0.00	40.34 1.99 0.00	46.22 2.58 0.78	60.41 1.85 -0.78	72.18 3.10 -1.62	62.99 1.86 0.79	61.70 2.03 -0.01	61.95 3.34 0.00	61.51 3.43 0.00	62.15 4.18 0.00	64.43 3.91 -0.33	63.27 3.80 -0.07	71.68 4.69 0.00	91.14 7.14 0.00	114.32 9.13 -0.19	101.71 8.40 0.00	88.94 7.64 -0.01	73.01 5.17 -0.67	64.93 5.02 0.67	56.94 5.08 0.00	53.73 4.39 0.00
NSINS_S_GLNS_FALLS 23858	45.95 2.06 0.00	41.90 1.96 0.00	41.05 1.92 0.00	39.43 1.88 0.00	40.38 2.03 0.00	46.96 2.53 0.00	59.92 2.14 0.00	70.08 2.63 0.00	64.15 2.23 0.00	61.56 1.91 0.00	60.66 2.05 0.00	59.83 1.74 0.00	59.95 1.97 0.00	62.00 1.81 0.00	61.24 1.84 0.00	69.20 2.21 0.00	87.12 3.11 0.00	108.56 3.57 0.00	96.67 3.36 0.00	84.05 2.76 0.00	69.65 2.49 0.00	62.94 2.36 0.00	55.12 3.27 0.00	52.20 2.86 0.00
NUCOR_STEEL___DRP 24197	43.62 -0.26 0.00	39.63 -0.32 0.00	38.93 -0.20 0.00	37.29 -0.26 0.00	38.19 -0.15 0.00	44.29 -0.13 0.00	57.50 -0.29 0.00	67.38 -0.07 0.00	61.79 -0.12 0.00	59.48 -0.18 0.00	58.49 -0.12 0.00	58.09 0.00 0.00	57.86 -0.12 0.00	60.01 -0.18 0.00	59.10 -0.30 0.00	66.72 -0.27 0.00	83.67 -0.34 0.00	105.41 0.42 0.00	93.68 0.37 0.00	81.53 0.24 0.00	67.24 0.07 0.00	60.51 -0.06 0.00	51.75 -0.10 0.00	49.24 -0.10 0.00
NUMBER_THREE_WT_PWR 323818	44.37 0.48 0.00	40.43 0.48 0.00	39.60 0.47 0.00	38.00 0.45 0.00	38.95 0.61 0.00	45.22 0.80 0.00	59.12 1.33 0.00	69.20 1.75 0.00	63.59 1.67 0.00	60.67 1.01 0.00	59.89 1.29 0.00	59.07 0.99 0.00	58.79 0.81 0.00	60.97 0.78 0.00	59.99 0.59 0.00	67.06 0.07 0.00	84.60 0.59 0.00	106.78 1.78 0.00	94.52 1.21 0.00	82.43 1.14 0.00	67.84 0.67 0.00	61.36 0.79 0.00	52.27 0.41 0.00	49.74 0.39 0.00
NYISO_LBMP_REFERENCE 24008	43.88 0.00 0.00	39.95 0.00 0.00	39.13 0.00 0.00	37.55 0.00 0.00	38.34 0.00 0.00	44.42 0.00 0.00	57.79 0.00 0.00	67.45 0.00 0.00	61.92 0.00 0.00	59.66 0.00 0.00	58.61 0.00 0.00	58.09 0.00 0.00	57.97 0.00 0.00	60.19 0.00 0.00	59.40 0.00 0.00	66.99 0.00 0.00	84.01 0.00 0.00	104.99 0.00 0.00	93.31 0.00 0.00	81.29 0.00 0.00	67.17 0.00 0.00	60.57 0.00 0.00	51.85 0.00 0.00	49.34 0.00 0.00
NYPA_BRENTWD____GT 24164	46.38 2.50 0.00	42.14 2.20 0.00	40.85 1.72 0.00	39.24 1.69 0.00	40.37 2.03 0.00	47.04 2.62 0.00	59.81 2.02 0.00	71.44 3.24 -0.75	64.34 2.41 -0.01	62.17 2.51 -0.01	62.30 3.69 0.00	61.98 3.89 0.00	62.20 4.23 0.00	64.53 4.03 -0.30	63.38 3.92 -0.06	71.75 4.76 0.00	91.07 7.06 0.00	113.66 8.50 -0.17	101.33 8.03 0.00	88.94 7.64 -0.01	72.41 5.24 0.00	65.48 4.90 0.00	57.04 5.18 0.00	53.78 4.44 0.00

NYPA_GOWANUS____GT5 24156	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.05 5.04 0.00	111.08 6.09 0.00	99.19 5.88 0.00	86.33 5.04 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NYPA_GOWANUS____GT6 24157	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 1.99 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.23 2.80 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.11 3.46 0.00	62.06 3.46 0.00	61.57 3.48 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.88 3.88 0.00	89.05 5.04 0.00	111.08 6.09 0.00	99.19 5.88 0.00	86.33 5.04 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.79 3.94 0.00	52.95 3.60 -0.01
NYPA_HARLEM__RVR__GT1 24160	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.19 2.76 -0.01	60.85 3.06 0.00	70.75 3.30 0.01	65.06 3.16 0.01	62.99 3.34 0.01	62.00 3.40 0.01	61.50 3.43 0.01	61.45 3.48 0.01	63.67 3.49 0.01	62.77 3.38 0.01	70.67 3.68 0.01	88.87 4.87 0.01	110.76 5.77 0.01	98.90 5.60 0.01	86.16 4.88 0.01	70.79 3.62 0.01	64.26 3.70 0.01	55.64 3.78 0.00	52.90 3.55 -0.01
NYPA_HARLEM__RVR__GT2 24161	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.19 2.76 -0.01	60.85 3.06 0.00	70.75 3.30 0.01	65.06 3.16 0.01	62.99 3.34 0.01	62.00 3.40 0.01	61.50 3.43 0.01	61.45 3.48 0.01	63.67 3.49 0.01	62.77 3.38 0.01	70.67 3.68 0.01	88.87 4.87 0.01	110.76 5.77 0.01	98.90 5.60 0.01	86.16 4.88 0.01	70.79 3.62 0.01	64.26 3.70 0.01	55.64 3.78 0.00	52.90 3.55 -0.01
NYPA_KENT____GT 24152	46.35 2.46 -0.01	42.15 2.20 -0.01	41.06 1.92 -0.01	39.40 1.84 -0.01	40.34 1.99 -0.01	47.14 2.71 -0.01	60.85 3.06 0.00	71.09 3.64 0.00	65.32 3.40 0.00	63.17 3.52 0.00	62.18 3.58 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.86 3.67 0.00	62.96 3.56 0.00	70.94 3.95 0.00	89.13 5.13 0.00	111.19 6.19 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.69 3.84 0.00	52.91 3.55 -0.01
NYPA_POUCHI____GT 24155	46.44 2.54 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.46 2.11 -0.01	47.28 2.85 -0.01	60.67 2.89 0.00	70.69 3.24 0.00	65.01 3.09 0.00	62.88 3.22 0.00	61.77 3.16 0.00	61.28 3.19 0.00	61.22 3.24 0.00	63.50 3.31 0.00	62.60 3.21 0.00	70.61 3.62 0.00	88.79 4.79 0.00	110.66 5.67 0.00	98.90 5.60 0.00	86.08 4.79 0.00	70.79 3.62 0.00	64.45 3.88 0.00	55.74 3.89 0.00	52.95 3.60 -0.01
NYPA_VERNON____GT2 24162	46.26 2.37 -0.01	42.07 2.12 -0.01	41.02 1.88 -0.01	39.32 1.77 -0.01	40.27 1.92 -0.01	47.05 2.62 -0.01	60.90 3.12 0.00	71.16 3.71 0.00	65.38 3.47 0.00	63.23 3.58 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.94 3.95 0.00	89.22 5.21 0.00	111.19 6.19 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.64 3.78 0.00	52.80 3.45 -0.01
NYPA_VERNON____GT3 24163	46.26 2.37 -0.01	42.07 2.12 -0.01	41.02 1.88 -0.01	39.32 1.77 -0.01	40.27 1.92 -0.01	47.05 2.62 -0.01	60.90 3.12 0.00	71.16 3.71 0.00	65.38 3.47 0.00	63.23 3.58 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.94 3.95 0.00	89.22 5.21 0.00	111.19 6.19 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.63 4.06 0.00	55.64 3.78 0.00	52.80 3.45 -0.01
NYPA__ASTORIA_CC1 323568	46.26 2.37 -0.01	42.07 2.12 -0.01	41.02 1.88 -0.01	39.32 1.77 -0.01	40.31 1.95 -0.01	47.10 2.67 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.17 3.52 0.00	62.18 3.58 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.86 3.67 0.00	62.96 3.56 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.19 5.88 0.00	86.33 5.04 0.00	70.93 3.76 0.00	64.51 3.94 0.00	55.59 3.74 0.00	52.80 3.45 -0.01
NYPA__ASTORIA_CC2 323569	46.26 2.37 -0.01	42.07 2.12 -0.01	41.02 1.88 -0.01	39.32 1.77 -0.01	40.31 1.95 -0.01	47.10 2.67 -0.01	60.85 3.06 0.00	71.02 3.57 0.00	65.26 3.34 0.00	63.17 3.52 0.00	62.18 3.58 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.86 3.67 0.00	62.96 3.56 0.00	70.88 3.88 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.19 5.88 0.00	86.33 5.04 0.00	70.93 3.76 0.00	64.51 3.94 0.00	55.59 3.74 0.00	52.80 3.45 -0.01
NYPA__HOLTSVILL 23794	46.12 2.24 0.00	41.90 1.96 0.00	40.58 1.45 0.00	38.98 1.43 0.00	40.11 1.76 0.00	46.73 2.31 0.00	59.29 1.50 0.00	70.87 2.56 -0.85	63.72 1.80 -0.01	61.63 1.97 -0.01	61.83 3.22 0.00	61.45 3.37 0.00	61.80 3.83 0.00	64.09 3.55 -0.35	62.91 3.44 -0.07	71.22 4.22 0.00	90.31 6.30 0.00	113.18 7.98 -0.20	100.77 7.47 0.00	88.13 6.83 -0.01	71.80 4.63 0.00	65.12 4.55 0.00	56.62 4.77 0.00	53.39 4.05 0.00
NYPA____HELLGATE_GT1 24158	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.19 2.76 -0.01	60.85 3.06 0.00	70.75 3.30 0.01	65.06 3.16 0.01	62.99 3.34 0.01	62.00 3.40 0.01	61.50 3.43 0.01	61.45 3.48 0.01	63.67 3.49 0.01	62.77 3.38 0.01	70.60 3.62 0.01	88.79 4.79 0.01	110.65 5.67 0.01	98.80 5.50 0.01	85.99 4.71 0.01	70.65 3.49 0.01	64.26 3.70 0.01	55.64 3.78 0.00	52.90 3.55 -0.01
NYPA____HELLGATE_GT2 24159	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.47 1.91 -0.01	40.42 2.07 -0.01	47.19 2.76 -0.01	60.85 3.06 0.00	70.75 3.30 0.01	65.06 3.16 0.01	62.99 3.34 0.01	62.00 3.40 0.01	61.50 3.43 0.01	61.45 3.48 0.01	63.67 3.49 0.01	62.77 3.38 0.01	70.60 3.62 0.01	88.79 4.79 0.01	110.65 5.67 0.01	98.80 5.50 0.01	85.99 4.71 0.01	70.65 3.49 0.01	64.26 3.70 0.01	55.64 3.78 0.00	52.90 3.55 -0.01
NYS_BARGE__HYD 23848	43.14 -0.75 0.00	38.79 -1.16 0.00	38.19 -0.94 0.00	36.57 -0.98 0.00	37.58 -0.77 0.00	42.56 -1.86 0.00	54.15 -3.64 0.00	62.66 -4.79 0.00	57.52 -4.39 0.00	56.08 -3.58 0.00	54.50 -4.10 0.00	54.25 -3.84 0.00	54.09 -3.88 0.00	55.68 -4.52 0.00	55.00 -4.39 0.00	60.76 -6.23 0.00	76.11 -7.90 0.00	97.54 -7.45 0.00	85.47 -7.84 0.00	74.71 -6.58 0.00	61.86 -5.31 0.00	56.21 -4.36 0.00	48.28 -3.58 0.00	47.07 -2.27 0.00
OAK ORCHARD__HYD 24046	43.53 -0.35 0.00	39.27 -0.68 0.00	38.58 -0.55 0.00	36.99 -0.56 0.00	38.00 -0.35 0.00	43.49 -0.93 0.00	55.99 -1.79 0.00	65.36 -2.09 0.00	59.93 -1.98 0.00	58.22 -1.43 0.00	56.90 -1.70 0.00	56.69 -1.39 0.00	56.53 -1.45 0.00	58.26 -1.93 0.00	57.49 -1.90 0.00	64.05 -2.95 0.00	80.56 -3.45 0.00	102.26 -2.73 0.00	89.86 -3.45 0.00	78.61 -2.68 0.00	64.89 -2.28 0.00	58.70 -1.88 0.00	50.19 -1.66 0.00	48.40 -0.94 0.00

OAKDALE___35_KV_LOAD 356122	43.97 0.09 0.00	39.95 0.00 0.00	39.17 0.04 0.00	37.55 0.00 0.00	38.46 0.12 0.00	44.56 0.13 0.00	57.84 0.06 0.00	67.65 0.20 0.00	61.98 0.06 0.00	59.72 0.06 0.00	58.61 0.00 0.00	58.26 0.17 0.00	58.03 0.06 0.00	60.13 -0.06 0.00	59.28 -0.12 0.00	66.79 -0.20 0.00	83.67 -0.34 0.00	105.31 0.31 0.00	93.59 0.28 0.00	81.45 0.16 0.00	67.24 0.07 0.00	60.64 0.06 0.00	51.90 0.05 0.00	49.49 0.15 0.00
OCC_CHEM___DRP 24175	43.09 -0.79 0.00	38.83 -1.12 0.00	38.15 -0.98 0.00	36.54 -1.01 0.00	37.50 -0.84 0.00	41.76 -2.67 0.00	52.99 -4.80 0.00	61.25 -6.21 0.00	56.28 -5.63 0.00	54.94 -4.71 0.00	53.39 -5.22 0.00	53.50 -4.59 0.00	52.99 -4.99 0.00	54.59 -5.60 0.00	53.99 -5.41 0.00	60.29 -6.70 0.00	74.85 -9.16 0.00	95.44 -9.55 0.00	84.82 -8.49 0.00	73.65 -7.64 0.00	60.92 -6.25 0.00	55.06 -5.51 0.00	47.39 -4.46 0.00	46.23 -3.11 0.00
OH_GEN_PROXY 24063	42.96 -0.92 0.00	38.63 -1.32 0.00	37.99 -1.14 0.00	36.42 -1.13 0.00	37.39 -0.96 0.00	41.56 -2.09 0.78	54.63 -3.93 -0.78	63.12 -5.13 -0.80	56.41 -4.71 0.80	55.78 -3.88 0.00	54.21 -4.40 0.00	53.96 -4.12 0.00	53.80 -4.17 0.00	55.43 -4.76 0.00	54.82 -4.57 0.00	60.56 -6.43 0.00	75.86 -8.15 0.00	96.91 -8.08 0.00	85.00 -8.30 0.00	74.38 -6.91 0.00	62.33 -5.51 -0.67	55.30 -4.61 0.67	48.07 -3.78 0.00	46.83 -2.51 0.00
OLIN_CORP_DRP 24177	42.61 -1.27 0.00	38.39 -1.56 0.00	37.72 -1.41 0.00	36.12 -1.43 0.00	37.12 -1.23 0.00	41.98 -2.44 0.00	53.28 -4.51 0.00	61.65 -5.80 0.00	56.59 -5.32 0.00	55.24 -4.41 0.00	53.68 -4.92 0.00	53.79 -4.30 0.00	53.28 -4.70 0.00	54.89 -5.30 0.00	54.23 -5.17 0.00	60.63 -6.36 0.00	75.27 -8.74 0.00	96.28 -8.71 0.00	85.47 -7.84 0.00	74.22 -7.07 0.00	61.26 -5.91 0.00	55.37 -5.21 0.00	47.65 -4.20 0.00	46.48 -2.86 0.00
OLIN_CORP_DSASP 323712	43.09 -0.79 0.00	38.83 -1.12 0.00	38.15 -0.98 0.00	36.54 -1.01 0.00	37.50 -0.84 0.00	41.76 -2.67 0.00	52.99 -4.80 0.00	61.25 -6.21 0.00	56.28 -5.63 0.00	54.94 -4.71 0.00	53.39 -5.22 0.00	53.50 -4.59 0.00	52.99 -4.99 0.00	54.59 -5.60 0.00	53.99 -5.41 0.00	60.29 -6.70 0.00	74.85 -9.16 0.00	95.44 -9.55 0.00	84.82 -8.49 0.00	73.65 -7.64 0.00	60.92 -6.25 0.00	55.06 -5.51 0.00	47.39 -4.46 0.00	46.23 -3.11 0.00
ONEIDA_HERK_LFGE 323681	44.50 0.61 0.00	40.51 0.56 0.00	39.72 0.59 0.00	38.11 0.56 0.00	39.07 0.73 0.00	45.40 0.98 0.00	59.23 1.45 0.00	69.34 1.89 0.00	63.71 1.80 0.00	60.97 1.31 0.00	60.19 1.58 0.00	59.48 1.39 0.00	59.19 1.22 0.00	61.46 1.27 0.00	60.52 1.13 0.00	68.00 1.01 0.00	85.69 1.68 0.00	107.72 2.73 0.00	95.45 2.15 0.00	83.16 1.87 0.00	68.51 1.34 0.00	61.91 1.33 0.00	52.79 0.93 0.00	50.23 0.89 0.00
ONEIDA___115KV_TB4 55905	44.59 0.70 0.00	40.59 0.64 0.00	39.80 0.67 0.00	38.19 0.64 0.00	39.19 0.84 0.00	45.53 1.11 0.00	59.35 1.56 0.00	69.61 2.16 0.00	63.84 1.92 0.00	61.15 1.49 0.00	60.31 1.70 0.00	59.77 1.68 0.00	59.48 1.51 0.00	61.70 1.50 0.00	60.76 1.37 0.00	68.53 1.54 0.00	86.28 2.27 0.00	108.56 3.57 0.00	96.11 2.80 0.00	83.73 2.44 0.00	68.98 1.81 0.00	62.21 1.64 0.00	53.10 1.24 0.00	50.58 1.23 0.00
ONONDAGA_REF_OCCRA 23987	43.23 -0.66 0.00	39.31 -0.64 0.00	38.58 -0.55 0.00	36.99 -0.56 0.00	37.88 -0.46 0.00	43.93 -0.49 0.00	57.03 -0.75 0.00	66.84 -0.61 0.00	61.36 -0.56 0.00	59.00 -0.66 0.00	58.08 -0.53 0.00	57.62 -0.46 0.00	57.40 -0.58 0.00	59.59 -0.60 0.00	58.68 -0.71 0.00	66.26 -0.74 0.00	83.08 -0.92 0.00	104.47 -0.52 0.00	92.84 -0.47 0.00	80.80 -0.49 0.00	66.63 -0.54 0.00	60.03 -0.55 0.00	51.39 -0.47 0.00	48.85 -0.49 0.00
ONONDAGA___COGEN 23986	43.23 -0.66 0.00	39.31 -0.64 0.00	38.58 -0.55 0.00	36.99 -0.56 0.00	37.88 -0.46 0.00	43.93 -0.49 0.00	57.03 -0.75 0.00	66.84 -0.61 0.00	61.36 -0.56 0.00	59.06 -0.60 0.00	58.14 -0.47 0.00	57.68 -0.41 0.00	57.51 -0.46 0.00	59.65 -0.54 0.00	58.74 -0.65 0.00	66.32 -0.67 0.00	83.17 -0.84 0.00	104.47 -0.52 0.00	92.84 -0.47 0.00	80.80 -0.49 0.00	66.70 -0.47 0.00	60.03 -0.55 0.00	51.39 -0.47 0.00	48.85 -0.49 0.00
ONTARIO___LFGE 23819	43.45 -0.44 0.00	39.35 -0.60 0.00	38.66 -0.47 0.00	37.02 -0.53 0.00	38.00 -0.35 0.00	43.89 -0.53 0.00	56.86 -0.93 0.00	66.51 -0.94 0.00	61.05 -0.87 0.00	59.00 -0.65 0.00	57.96 -0.64 0.00	57.56 -0.52 0.00	57.34 -0.64 0.00	59.35 -0.84 0.00	58.44 -0.95 0.00	65.58 -1.41 0.00	82.50 -1.51 0.00	104.27 -0.73 0.00	92.00 -1.31 0.00	80.32 -0.97 0.00	66.23 -0.94 0.00	59.67 -0.91 0.00	50.97 -0.88 0.00	48.75 -0.59 0.00
ORANGEVILLE_WT_PWR 323706	43.40 -0.48 0.00	39.11 -0.84 0.00	38.54 -0.59 0.00	36.84 -0.71 0.00	37.73 -0.61 0.00	43.05 -1.38 0.00	55.01 -2.77 0.00	63.94 -3.51 0.00	58.51 -3.41 0.00	56.73 -2.92 0.00	55.03 -3.58 0.00	54.83 -3.25 0.00	54.50 -3.48 0.00	56.16 -4.03 0.00	55.36 -4.04 0.00	61.23 -5.76 0.00	76.70 -7.31 0.00	98.38 -6.61 0.00	86.31 -7.00 0.00	75.36 -5.93 0.00	62.40 -4.77 0.00	56.70 -3.88 0.00	48.59 -3.27 0.00	47.22 -2.12 0.00
ORANGEVILLE___ESR 323794	43.40 -0.48 0.00	39.11 -0.84 0.00	38.54 -0.59 0.00	36.84 -0.71 0.00	37.73 -0.61 0.00	43.05 -1.38 0.00	55.01 -2.77 0.00	63.94 -3.51 0.00	58.51 -3.41 0.00	56.73 -2.92 0.00	55.03 -3.58 0.00	54.83 -3.25 0.00	54.50 -3.48 0.00	56.16 -4.03 0.00	55.36 -4.04 0.00	61.23 -5.76 0.00	76.70 -7.31 0.00	98.38 -6.61 0.00	86.31 -7.00 0.00	75.36 -5.93 0.00	62.40 -4.77 0.00	56.70 -3.88 0.00	48.59 -3.27 0.00	47.22 -2.12 0.00
OSWEGATCHIE___HYD 24044	44.41 0.53 0.00	40.47 0.52 0.00	39.64 0.51 0.00	38.00 0.45 0.00	38.77 0.42 0.00	44.91 0.49 0.00	58.65 0.87 0.00	68.46 1.01 0.00	62.78 0.87 0.00	60.08 0.42 0.00	59.07 0.47 0.00	58.55 0.46 0.00	58.38 0.41 0.00	60.49 0.30 0.00	59.52 0.12 0.00	66.59 -0.40 0.00	83.67 -0.33 0.00	105.10 0.11 0.00	93.12 -0.19 0.00	81.37 0.08 0.00	67.17 0.00 0.00	60.82 0.24 0.00	51.96 0.10 0.00	49.49 0.15 0.00
OSWEGO___5 23606	42.57 -1.32 0.00	38.71 -1.24 0.00	37.96 -1.17 0.00	36.42 -1.13 0.00	37.31 -1.03 0.00	43.13 -1.29 0.00	56.05 -1.73 0.00	65.49 -1.96 0.00	60.12 -1.80 0.00	57.92 -1.73 0.00	56.90 -1.70 0.00	56.46 -1.63 0.00	56.29 -1.68 0.00	58.39 -1.80 0.00	57.55 -1.84 0.00	64.85 -2.15 0.00	81.40 -2.60 0.00	102.06 -2.94 0.00	90.60 -2.71 0.00	79.01 -2.28 0.00	65.22 -1.95 0.00	58.82 -1.76 0.00	50.35 -1.51 0.00	47.96 -1.38 0.00
OSWEGO___6 23613	42.57 -1.32 0.00	38.71 -1.24 0.00	37.96 -1.17 0.00	36.42 -1.13 0.00	37.31 -1.03 0.00	43.13 -1.29 0.00	56.05 -1.73 0.00	65.49 -1.96 0.00	60.12 -1.80 0.00	57.92 -1.73 0.00	56.90 -1.70 0.00	56.46 -1.63 0.00	56.29 -1.68 0.00	58.39 -1.80 0.00	57.55 -1.84 0.00	64.85 -2.15 0.00	81.40 -2.60 0.00	102.06 -2.94 0.00	90.60 -2.71 0.00	79.01 -2.28 0.00	65.22 -1.95 0.00	58.82 -1.76 0.00	50.35 -1.51 0.00	47.96 -1.38 0.00

OUTOKUMPU-AB___DRP 24206	43.62 -0.26 0.00	39.35 -0.60 0.00	38.66 -0.47 0.00	36.99 -0.56 0.00	38.00 -0.35 0.00	42.78 -1.64 0.00	54.43 -3.35 0.00	63.00 -4.45 0.00	57.89 -4.02 0.00	56.49 -3.16 0.00	54.91 -3.69 0.00	55.01 -3.08 0.00	54.50 -3.48 0.00	56.10 -4.09 0.00	55.42 -3.98 0.00	61.70 -5.29 0.00	76.62 -7.39 0.00	98.07 -6.93 0.00	86.96 -6.34 0.00	75.52 -5.77 0.00	62.33 -4.84 0.00	56.52 -4.06 0.00	48.64 -3.21 0.00	47.37 -1.97 0.00
OXBOW___BTM 323836	43.45 -0.44 0.00	39.07 -0.88 0.00	38.46 -0.67 0.00	36.84 -0.71 0.00	37.81 -0.54 0.00	42.38 -2.04 0.00	53.80 -3.99 0.00	62.26 -5.19 0.00	57.21 -4.71 0.00	55.84 -3.82 0.00	54.21 -4.40 0.00	54.02 -4.07 0.00	53.86 -4.11 0.00	55.50 -4.69 0.00	54.82 -4.57 0.00	60.43 -6.56 0.00	75.61 -8.40 0.00	96.59 -8.40 0.00	84.63 -8.67 0.00	74.05 -7.24 0.00	61.39 -5.78 0.00	55.85 -4.72 0.00	48.02 -3.84 0.00	46.83 -2.51 0.00
OXBOW___ 24026	43.45 -0.44 0.00	39.15 -0.80 0.00	38.46 -0.67 0.00	36.80 -0.75 0.00	37.81 -0.54 0.00	42.34 -2.09 0.00	53.80 -3.99 0.00	62.26 -5.19 0.00	57.21 -4.71 0.00	55.84 -3.82 0.00	54.27 -4.34 0.00	54.37 -3.72 0.00	53.86 -4.12 0.00	55.50 -4.69 0.00	54.82 -4.57 0.00	61.10 -5.90 0.00	75.86 -8.15 0.00	97.02 -7.98 0.00	86.12 -7.18 0.00	74.71 -6.58 0.00	61.73 -5.44 0.00	55.91 -4.66 0.00	48.07 -3.79 0.00	46.88 -2.47 0.00
OXY_CHEM_DSASP 323612	43.09 -0.79 0.00	38.83 -1.12 0.00	38.15 -0.98 0.00	36.54 -1.01 0.00	37.50 -0.84 0.00	41.76 -2.67 0.00	52.99 -4.80 0.00	61.25 -6.21 0.00	56.28 -5.63 0.00	54.94 -4.71 0.00	53.39 -5.22 0.00	53.50 -4.59 0.00	52.99 -4.99 0.00	54.59 -5.60 0.00	53.99 -5.41 0.00	60.29 -6.70 0.00	74.85 -9.16 0.00	95.44 -9.55 0.00	84.82 -8.49 0.00	73.65 -7.64 0.00	60.92 -6.25 0.00	55.06 -5.51 0.00	47.39 -4.46 0.00	46.23 -3.11 0.00
OZONE_PARK_ESR 323760	46.25 2.37 0.00	42.06 2.12 0.00	40.97 1.84 0.00	39.28 1.73 0.00	40.26 1.92 0.00	47.00 2.58 0.00	61.25 3.47 0.00	71.84 4.38 0.00	65.88 3.96 0.00	63.65 4.00 0.00	62.65 4.04 0.00	62.15 4.07 0.00	62.09 4.12 0.00	64.40 4.21 0.00	63.49 4.10 0.00	71.41 4.42 0.00	89.64 5.63 0.00	112.03 7.03 0.00	99.74 6.44 0.00	86.90 5.61 0.00	71.60 4.43 0.00	64.81 4.24 0.00	55.69 3.84 0.00	52.85 3.50 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	43.09 -0.79 0.00	38.83 -1.12 0.00	38.15 -0.98 0.00	36.54 -1.01 0.00	37.50 -0.84 0.00	41.76 -2.67 0.00	52.99 -4.80 0.00	61.25 -6.21 0.00	56.28 -5.63 0.00	54.94 -4.71 0.00	53.39 -5.22 0.00	53.50 -4.59 0.00	52.99 -4.99 0.00	54.59 -5.60 0.00	53.99 -5.41 0.00	60.29 -6.70 0.00	74.85 -9.16 0.00	95.44 -9.55 0.00	84.82 -8.49 0.00	73.65 -7.64 0.00	60.92 -6.25 0.00	55.06 -5.51 0.00	47.39 -4.46 0.00	46.23 -3.11 0.00
PACKARD___115KV_DUPONT_184 80571	43.10 -0.79 0.00	38.75 -1.20 0.00	38.15 -0.98 0.00	36.54 -1.01 0.00	37.50 -0.84 0.00	41.80 -2.62 0.00	52.99 -4.80 0.00	61.25 -6.20 0.00	56.28 -5.63 0.00	54.94 -4.71 0.00	53.39 -5.22 0.00	53.15 -4.94 0.00	52.99 -4.99 0.00	54.59 -5.60 0.00	53.99 -5.40 0.00	59.55 -7.44 0.00	74.51 -9.49 0.00	95.12 -9.87 0.00	83.41 -9.89 0.00	73.00 -8.29 0.00	60.59 -6.58 0.00	55.06 -5.51 0.00	47.34 -4.51 0.00	46.24 -3.11 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.10 2.67 -0.01	60.85 3.06 0.00	70.76 3.31 0.00	64.95 3.03 0.00	62.88 3.22 0.00	61.89 3.28 0.00	61.40 3.31 0.00	61.34 3.36 0.00	63.62 3.43 0.00	62.66 3.27 0.00	70.41 3.42 0.00	88.29 4.28 0.00	110.24 5.25 0.00	98.16 4.85 0.00	85.52 4.23 0.00	70.53 3.36 0.00	64.03 3.45 0.00	55.59 3.73 0.00	52.85 3.50 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.92 3.03 -0.01	42.71 2.76 -0.01	41.64 2.50 -0.01	39.96 2.40 -0.01	40.92 2.57 -0.01	47.63 3.20 -0.01	61.60 3.81 0.00	71.57 4.11 0.00	65.69 3.78 0.00	63.59 3.94 0.00	62.53 3.93 0.00	61.98 3.89 0.00	61.98 4.00 0.00	64.22 4.03 0.00	63.32 3.92 0.00	71.15 4.15 0.00	89.22 5.21 0.00	111.50 6.51 0.00	99.18 5.88 0.00	86.49 5.20 0.00	71.27 4.10 0.00	64.69 4.12 0.00	56.16 4.30 0.00	53.45 4.10 -0.01
PATROON___115KV_TB1 80586	44.37 0.48 0.00	40.47 0.52 0.00	39.68 0.55 0.00	38.11 0.56 0.00	38.96 0.61 0.00	45.18 0.76 0.00	58.71 0.92 0.00	68.67 1.21 0.00	62.85 0.93 0.00	60.49 0.84 0.00	59.60 1.00 0.00	58.90 0.81 0.00	58.96 0.99 0.00	61.21 1.02 0.00	60.53 1.13 0.00	68.33 1.34 0.00	85.77 1.76 0.00	106.46 1.47 0.00	94.80 1.49 0.00	82.51 1.22 0.00	68.38 1.21 0.00	61.66 1.09 0.00	52.84 0.99 0.00	50.18 0.84 0.00
PATTRSNVILLE___SOLAR 323815	44.68 0.79 0.00	40.75 0.80 0.00	39.87 0.74 0.00	38.30 0.75 0.00	39.19 0.84 0.00	45.62 1.20 0.00	59.35 1.56 0.00	69.20 1.75 0.00	62.97 1.05 0.00	60.19 0.54 0.00	59.31 0.71 0.00	58.67 0.58 0.00	58.67 0.70 0.00	60.97 0.78 0.00	60.41 1.01 0.00	68.46 1.47 0.00	86.11 2.10 0.00	107.83 2.84 0.00	95.92 2.61 0.00	83.49 2.20 0.00	68.91 1.74 0.00	62.33 1.76 0.00	53.46 1.61 0.00	50.72 1.38 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	43.40 -0.48 0.00	39.15 -0.80 0.00	38.50 -0.63 0.00	36.84 -0.71 0.00	37.84 -0.50 0.00	43.05 -1.38 0.00	55.07 -2.72 0.00	63.88 -3.57 0.00	58.64 -3.28 0.00	56.97 -2.68 0.00	55.32 -3.28 0.00	55.47 -2.61 0.00	54.90 -3.07 0.00	56.52 -3.67 0.00	55.83 -3.56 0.00	62.37 -4.62 0.00	77.62 -6.38 0.00	99.75 -5.25 0.00	88.36 -4.95 0.00	76.66 -4.63 0.00	63.21 -3.96 0.00	57.00 -3.57 0.00	49.00 -2.85 0.00	47.62 -1.73 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	45.64 1.76 0.00	41.63 1.68 0.00	40.54 1.41 0.00	38.98 1.43 0.00	39.84 1.50 0.00	46.51 2.09 0.00	60.62 2.83 0.00	71.16 3.71 0.00	65.32 3.41 0.00	62.94 3.28 0.00	62.01 3.40 0.00	61.46 3.37 0.00	61.40 3.42 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.81 3.82 0.00	88.88 4.87 0.00	111.19 6.19 0.00	99.00 5.69 0.00	86.33 5.04 0.00	70.86 3.69 0.00	64.21 3.63 0.00	55.02 3.16 0.00	52.25 2.91 0.00
PEEKSKILL___ 23653	45.42 1.54 0.00	41.38 1.44 0.00	40.34 1.21 0.00	38.72 1.17 0.00	39.65 1.30 0.00	46.29 1.87 0.00	60.16 2.37 0.00	70.62 3.17 0.00	64.71 2.79 0.00	62.40 2.75 0.00	61.48 2.87 0.00	61.05 2.96 0.00	60.93 2.96 0.00	63.26 3.07 0.00	62.37 2.97 0.00	70.27 3.28 0.00	88.46 4.45 0.00	110.45 5.46 0.00	98.53 5.22 0.00	85.84 4.55 0.00	70.53 3.36 0.00	63.90 3.33 0.00	54.70 2.85 0.00	51.91 2.56 0.00
PGE MADISON___WINDPWR 24146	46.21 2.33 0.00	42.02 2.08 0.00	41.20 2.07 0.00	39.47 1.92 0.00	40.72 2.38 0.00	47.58 3.15 0.00	62.24 4.45 0.00	73.25 5.80 0.00	67.12 5.20 0.00	63.77 4.12 0.00	62.94 4.34 0.00	62.38 4.30 0.00	61.74 3.77 0.00	63.92 3.73 0.00	62.84 3.44 0.00	71.01 4.02 0.00	89.97 5.96 0.00	114.97 9.97 0.00	101.52 8.21 0.00	88.20 6.91 0.00	72.41 5.24 0.00	65.00 4.42 0.00	55.17 3.32 0.00	52.55 3.21 0.00

PIERCEFIELD___HYD 23852	45.20 1.32 0.00	41.11 1.16 0.00	40.34 1.21 0.00	38.64 1.09 0.00	39.22 0.88 0.00	45.44 1.02 0.00	59.29 1.50 0.00	68.80 1.35 0.00	63.28 1.36 0.00	60.85 1.19 0.00	59.60 1.00 0.00	59.07 0.99 0.00	58.96 0.99 0.00	61.09 0.90 0.00	60.05 0.65 0.00	67.19 0.20 0.00	84.01 0.00 0.00	105.31 0.31 0.00	93.12 -0.19 0.00	81.45 0.16 0.00	67.44 0.27 0.00	61.30 0.73 0.00	52.42 0.57 0.00	49.93 0.59 0.00
PINELAWN_CC_1 323563	46.16 2.28 0.00	41.94 2.00 0.00	40.70 1.57 0.00	39.05 1.50 0.00	40.15 1.80 0.00	46.82 2.40 0.00	59.63 1.85 0.00	70.63 2.96 -0.22	64.21 2.29 0.00	62.05 2.39 0.00	62.12 3.52 0.00	61.75 3.66 0.00	61.92 3.94 0.00	64.01 3.73 -0.09	63.10 3.68 -0.02	71.41 4.42 0.00	90.56 6.56 0.00	113.22 8.19 -0.03	101.05 7.74 0.00	88.36 7.07 0.00	72.07 4.90 0.00	65.24 4.66 0.00	56.73 4.87 0.00	53.49 4.15 0.00
PJM_GEN_HTTP_PROXY 323702	45.86 1.98 0.00	41.75 1.80 0.00	40.65 1.52 0.00	39.01 1.46 0.00	39.95 1.61 0.00	45.95 2.31 0.78	61.51 2.95 -0.78	72.02 3.78 -0.80	64.52 3.40 0.80	63.05 3.40 0.00	62.12 3.52 0.00	61.69 3.60 0.00	61.57 3.60 0.00	63.86 3.67 0.00	62.96 3.56 0.00	70.94 3.95 0.00	89.30 5.30 0.00	111.40 6.41 0.00	99.37 6.06 0.00	86.57 5.28 0.00	71.73 3.89 -0.67	63.84 3.94 0.67	55.27 3.42 0.00	52.35 3.01 0.00
PJM_GEN_KEystone 24065	44.06 0.18 0.00	39.91 -0.04 0.00	39.13 0.00 0.00	37.51 -0.04 0.00	38.46 0.12 0.00	43.65 0.00 0.78	58.10 -0.46 -0.78	67.78 -0.47 -0.80	60.50 -0.62 0.80	59.30 -0.36 0.00	57.96 -0.64 0.00	57.74 -0.35 0.00	57.51 -0.47 0.00	59.47 -0.72 0.00	58.69 -0.71 0.00	65.58 -1.41 0.00	82.33 -1.68 0.00	104.05 -0.95 0.00	92.19 -1.12 0.00	80.40 -0.89 0.00	67.03 -0.80 -0.67	59.55 -0.36 0.67	51.54 -0.31 0.00	49.44 0.10 0.00
PJM_GEN_NEPTUNE_PROXY 323594	45.73 1.84 0.00	41.59 1.64 0.00	40.34 1.21 0.00	38.72 1.17 0.00	39.80 1.46 0.00	45.65 2.00 0.78	59.89 1.33 -0.78	70.54 2.29 -0.80	62.92 1.80 0.80	61.56 1.91 0.00	61.54 2.93 0.00	61.16 3.08 0.00	61.28 3.30 0.00	63.32 3.13 0.00	62.42 3.03 0.00	70.61 3.62 0.00	89.39 5.38 0.00	111.61 6.62 0.00	99.65 6.35 0.00	87.06 5.77 0.00	71.80 3.96 -0.67	63.79 3.88 0.67	56.00 4.15 0.00	52.85 3.50 0.00
PJM_GEN_VFT_PROXY 323633	45.77 1.89 0.00	41.62 1.68 0.00	40.58 1.45 0.00	38.90 1.35 0.00	39.88 1.54 0.00	45.82 2.18 0.78	61.34 2.77 -0.78	71.89 3.64 -0.80	64.40 3.28 0.80	62.93 3.28 0.00	62.00 3.40 0.00	61.51 3.43 0.00	61.45 3.48 0.00	63.74 3.55 0.00	62.78 3.38 0.00	70.81 3.82 0.00	89.13 5.13 0.00	111.08 6.09 0.00	99.19 5.88 0.00	86.33 5.04 0.00	71.59 3.76 -0.67	63.67 3.76 0.67	55.12 3.27 0.00	52.25 2.91 0.00
PLATSBURG_115KV_PMLD1 355749	44.85 0.97 0.00	40.79 0.84 0.00	40.03 0.90 0.00	38.30 0.75 0.00	38.88 0.54 0.00	44.60 0.18 0.00	57.21 -0.58 0.00	66.04 -1.42 0.00	60.93 -0.99 0.00	58.82 -0.84 0.00	57.61 -1.00 0.00	57.04 -1.05 0.00	57.05 -0.93 0.00	58.33 -1.14 0.00	65.72 -1.07 0.00	82.16 -1.27 0.00	102.79 -1.85 0.00	90.79 -2.20 0.00	90.79 -2.52 0.00	78.93 -2.36 0.00	65.09 -2.08 0.00	58.64 -1.94 0.00	50.40 -1.45 0.00	48.26 -1.09 0.00
PLEASANTVLY___LBMP 24000	45.20 1.32 0.00	41.15 1.20 0.00	40.15 1.02 0.00	38.56 1.01 0.00	39.46 1.11 0.00	45.98 1.55 0.00	59.81 2.02 0.00	70.08 2.63 0.00	64.27 2.35 0.00	61.98 2.33 0.00	61.07 2.46 0.00	60.58 2.50 0.00	60.53 2.55 0.00	62.78 2.59 0.00	61.95 2.55 0.00	69.74 2.75 0.00	87.45 3.44 0.00	109.19 4.20 0.00	97.13 3.83 0.00	84.70 3.41 0.00	69.86 2.69 0.00	63.24 2.67 0.00	54.34 2.49 0.00	51.56 2.22 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.60 1.71 0.00	41.51 1.56 0.00	40.46 1.33 0.00	38.86 1.31 0.00	39.76 1.42 0.00	46.38 1.95 0.00	60.39 2.60 0.00	70.82 3.37 0.00	64.95 3.03 0.00	62.64 2.98 0.00	61.77 3.16 0.00	61.22 3.14 0.00	61.22 3.25 0.00	63.50 3.31 0.00	62.60 3.21 0.00	70.41 3.42 0.00	88.38 4.37 0.00	110.35 5.35 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.53 3.36 0.00	63.91 3.33 0.00	54.86 3.01 0.00	52.06 2.71 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	45.60 1.71 0.00	41.51 1.56 0.00	40.46 1.33 0.00	38.86 1.31 0.00	39.76 1.42 0.00	46.38 1.95 0.00	60.39 2.60 0.00	70.82 3.37 0.00	64.95 3.03 0.00	62.64 2.98 0.00	61.77 3.16 0.00	61.22 3.14 0.00	61.22 3.25 0.00	63.50 3.31 0.00	62.60 3.21 0.00	70.41 3.42 0.00	88.38 4.37 0.00	110.35 5.35 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.53 3.36 0.00	63.91 3.33 0.00	54.86 3.01 0.00	52.06 2.71 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.38 1.49 0.00	41.35 1.40 0.00	40.34 1.21 0.00	38.75 1.20 0.00	39.65 1.30 0.00	46.20 1.78 0.00	60.16 2.37 0.00	70.55 3.10 0.00	64.64 2.72 0.00	62.28 2.62 0.00	61.30 2.70 0.00	60.76 2.67 0.00	60.70 2.72 0.00	63.02 2.83 0.00	62.19 2.79 0.00	70.01 3.01 0.00	87.96 3.95 0.00	109.93 4.93 0.00	97.88 4.57 0.00	85.35 4.06 0.00	70.19 3.02 0.00	63.60 3.03 0.00	54.60 2.75 0.00	51.81 2.47 0.00
POLETTI_____ 23519	46.39 2.50 -0.01	42.23 2.28 -0.01	41.17 2.03 -0.01	39.51 1.95 -0.01	40.42 2.07 -0.01	47.14 2.71 -0.01	60.91 3.12 0.00	70.76 3.31 0.00	65.07 3.16 0.00	63.00 3.34 0.00	62.01 3.40 0.00	61.51 3.43 0.00	61.45 3.48 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.54 3.55 0.00	88.38 4.37 0.00	110.45 5.46 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.66 3.49 0.00	64.03 3.45 0.00	55.59 3.73 0.00	52.85 3.50 -0.01
POMONA___ESR 323819	45.46 1.58 0.00	41.38 1.44 0.00	40.38 1.25 0.00	38.75 1.20 0.00	39.68 1.34 0.00	46.33 1.91 0.00	60.39 2.60 0.00	70.82 3.37 0.00	64.95 3.03 0.00	62.64 2.98 0.00	61.65 3.05 0.00	61.28 3.19 0.00	61.16 3.19 0.00	63.44 3.25 0.00	62.54 3.15 0.00	70.54 3.55 0.00	88.79 4.79 0.00	110.87 5.88 0.00	98.90 5.60 0.00	86.17 4.88 0.00	70.79 3.62 0.00	64.21 3.63 0.00	54.91 3.06 0.00	52.05 2.71 0.00
PORT_JEFF_3 23555	46.21 2.32 0.00	41.98 2.04 0.00	40.65 1.52 0.00	39.05 1.50 0.00	40.15 1.80 0.00	46.82 2.40 0.00	59.40 1.62 0.00	71.03 2.77 -0.81	63.91 1.98 -0.01	61.75 2.09 -0.01	61.95 3.34 0.00	61.63 3.54 0.00	61.92 3.94 0.00	64.19 3.67 -0.33	63.03 3.56 -0.07	71.34 4.35 0.00	90.56 6.56 0.00	113.48 8.29 -0.19	101.05 7.74 0.00	88.37 7.07 -0.01	72.01 4.84 0.00	65.24 4.66 0.00	56.78 4.93 0.00	53.53 4.19 0.00
PORT_JEFF_4 23616	46.21 2.32 0.00	41.98 2.04 0.00	40.65 1.52 0.00	39.05 1.50 0.00	40.15 1.80 0.00	46.82 2.40 0.00	59.40 1.62 0.00	71.03 2.77 -0.81	63.91 1.98 -0.01	61.75 2.09 -0.01	61.95 3.34 0.00	61.63 3.54 0.00	61.92 3.94 0.00	64.19 3.67 -0.33	63.03 3.56 -0.07	71.34 4.35 0.00	90.56 6.56 0.00	113.48 8.29 -0.19	101.05 7.74 0.00	88.37 7.07 -0.01	72.01 4.84 0.00	65.24 4.66 0.00	56.78 4.93 0.00	53.53 4.19 0.00

PORT_JEFF_IC 23713	46.25 2.37 0.00	42.02 2.08 0.00	40.70 1.57 0.00	39.09 1.54 0.00	40.18 1.84 0.00	46.78 2.35 0.00	59.58 1.79 0.00	70.99 2.83 -0.71	63.91 1.98 -0.01	61.81 2.15 -0.01	62.01 3.40 0.00	61.46 3.37 0.00	61.98 4.00 0.00	64.21 3.73 -0.29	63.14 3.68 -0.06	70.27 3.28 0.00	86.44 2.44 0.00	108.30 3.15 -0.16	96.29 2.99 0.00	84.31 3.01 -0.01	68.98 1.81 0.00	63.72 3.15 0.00	56.31 4.46 0.00	53.09 3.75 0.00
PPL PILGRIM_ST_GT1 24216	46.38 2.50 0.00	42.14 2.20 0.00	40.85 1.72 0.00	39.24 1.69 0.00	40.37 2.03 0.00	47.04 2.62 0.00	59.81 2.02 0.00	71.44 3.24 -0.75	64.34 2.41 -0.01	62.17 2.51 -0.01	62.30 3.69 0.00	61.98 3.89 0.00	62.20 4.23 0.00	64.53 4.03 -0.30	63.38 3.92 -0.06	71.75 4.76 0.00	91.07 7.06 0.00	113.66 8.50 -0.17	101.33 8.03 0.00	88.94 7.64 -0.01	72.41 5.24 0.00	65.48 4.90 0.00	57.04 5.18 0.00	53.78 4.44 0.00
PPL PILGRIM_ST_GT2 24217	46.38 2.50 0.00	42.14 2.20 0.00	40.85 1.72 0.00	39.24 1.69 0.00	40.37 2.03 0.00	47.04 2.62 0.00	59.81 2.02 0.00	71.44 3.24 -0.75	64.34 2.41 -0.01	62.17 2.51 -0.01	62.30 3.69 0.00	61.98 3.89 0.00	62.20 4.23 0.00	64.53 4.03 -0.30	63.38 3.92 -0.06	71.75 4.76 0.00	91.07 7.06 0.00	113.66 8.50 -0.17	101.33 8.03 0.00	88.94 7.64 -0.01	72.41 5.24 0.00	65.48 4.90 0.00	57.04 5.18 0.00	53.78 4.44 0.00
PPL_SHRM_GT3 24213	46.43 2.54 0.00	42.14 2.20 0.00	40.81 1.68 0.00	39.20 1.65 0.00	40.34 1.99 0.00	47.00 2.58 0.00	59.63 1.85 0.00	71.34 3.10 -0.78	63.78 1.86 -0.01	61.70 2.03 -0.01	61.95 3.34 0.00	61.51 3.43 0.00	62.15 4.18 0.00	64.42 3.91 -0.32	63.27 3.80 -0.06	71.68 4.69 0.00	91.07 7.06 0.00	114.31 9.13 -0.18	101.71 8.40 0.00	89.03 7.73 -0.01	72.41 5.24 0.00	65.60 5.02 0.00	56.94 5.08 0.00	53.73 4.39 0.00
PPL_SHRM_GT4 24214	46.43 2.54 0.00	42.14 2.20 0.00	40.81 1.68 0.00	39.20 1.65 0.00	40.34 1.99 0.00	47.00 2.58 0.00	59.63 1.85 0.00	71.34 3.10 -0.78	63.78 1.86 -0.01	61.70 2.03 -0.01	61.95 3.34 0.00	61.51 3.43 0.00	62.15 4.18 0.00	64.42 3.91 -0.32	63.27 3.80 -0.06	71.68 4.69 0.00	91.07 7.06 0.00	114.31 9.13 -0.18	101.71 8.40 0.00	89.03 7.73 -0.01	72.41 5.24 0.00	65.60 5.02 0.00	56.94 5.08 0.00	53.73 4.39 0.00
PROJECT___ORANGE 1 24174	43.05 -0.83 0.00	39.15 -0.80 0.00	38.43 -0.70 0.00	36.84 -0.71 0.00	37.69 -0.65 0.00	43.71 -0.71 0.00	56.69 -1.10 0.00	66.44 -1.01 0.00	60.99 -0.93 0.00	58.70 -0.95 0.00	57.79 -0.82 0.00	57.33 -0.76 0.00	57.16 -0.81 0.00	59.29 -0.90 0.00	58.45 -0.95 0.00	65.92 -1.07 0.00	82.66 -1.34 0.00	103.73 -1.26 0.00	92.19 -1.12 0.00	80.23 -1.06 0.00	66.23 -0.94 0.00	59.61 -0.97 0.00	51.08 -0.78 0.00	48.60 -0.74 0.00
PROJECT___ORANGE 2 24166	43.05 -0.83 0.00	39.15 -0.80 0.00	38.43 -0.70 0.00	36.84 -0.71 0.00	37.69 -0.65 0.00	43.71 -0.71 0.00	56.69 -1.10 0.00	66.44 -1.01 0.00	60.99 -0.93 0.00	58.70 -0.95 0.00	57.79 -0.82 0.00	57.33 -0.76 0.00	57.16 -0.81 0.00	59.29 -0.90 0.00	58.45 -0.95 0.00	65.92 -1.07 0.00	82.66 -1.34 0.00	103.73 -1.26 0.00	92.19 -1.12 0.00	80.23 -1.06 0.00	66.23 -0.94 0.00	59.61 -0.97 0.00	51.08 -0.78 0.00	48.60 -0.74 0.00
PUCKETT___SOLAR 323809	44.54 0.66 0.00	40.47 0.52 0.00	39.72 0.59 0.00	38.08 0.53 0.00	39.03 0.69 0.00	45.40 0.98 0.00	58.94 1.16 0.00	69.14 1.69 0.00	63.28 1.36 0.00	60.73 1.07 0.00	59.66 1.06 0.00	59.19 1.10 0.00	58.96 0.98 0.00	61.09 0.90 0.00	60.17 0.77 0.00	67.80 0.81 0.00	85.27 1.26 0.00	107.83 2.84 0.00	95.45 2.15 0.00	83.16 1.87 0.00	68.65 1.48 0.00	61.85 1.27 0.00	52.79 0.93 0.00	50.28 0.94 0.00
PYRITES___HYD 24023	45.86 1.97 0.00	41.78 1.84 0.00	40.97 1.84 0.00	39.24 1.69 0.00	39.92 1.57 0.00	46.29 1.87 0.00	60.50 2.72 0.00	70.22 2.77 0.00	64.46 2.54 0.00	61.62 1.97 0.00	60.31 1.70 0.00	59.77 1.68 0.00	59.71 1.74 0.00	61.82 1.63 0.00	60.82 1.43 0.00	68.26 1.27 0.00	85.69 1.68 0.00	108.04 3.04 0.00	95.55 2.24 0.00	83.48 2.19 0.00	69.05 1.88 0.00	62.63 2.06 0.00	53.41 1.56 0.00	50.87 1.53 0.00
QUAKERRD_115KV_BK1 80622	42.35 -1.54 0.00	38.31 -1.64 0.00	37.60 -1.53 0.00	36.05 -1.50 0.00	37.00 -1.34 0.00	42.47 -1.95 0.00	54.84 -2.95 0.00	63.94 -3.51 0.00	58.70 -3.22 0.00	56.97 -2.68 0.00	55.79 -2.81 0.00	55.65 -2.44 0.00	55.37 -2.61 0.00	57.12 -3.07 0.00	56.31 -3.09 0.00	63.37 -3.62 0.00	79.47 -4.54 0.00	100.48 -4.51 0.00	89.11 -4.20 0.00	77.47 -3.82 0.00	63.81 -3.36 0.00	57.55 -3.03 0.00	49.26 -2.59 0.00	47.37 -1.97 0.00
QUENSBRY_115KV_TB8 356137	45.99 2.11 0.00	41.98 2.04 0.00	41.09 1.96 0.00	39.47 1.92 0.00	40.41 2.07 0.00	47.04 2.62 0.00	59.92 2.14 0.00	70.08 2.63 0.00	64.15 2.23 0.00	61.56 1.91 0.00	60.66 2.05 0.00	59.83 1.74 0.00	59.95 1.97 0.00	62.00 1.81 0.00	61.24 1.84 0.00	69.14 2.14 0.00	87.12 3.11 0.00	108.67 3.67 0.00	96.67 3.36 0.00	84.05 2.76 0.00	69.65 2.49 0.00	62.94 2.36 0.00	55.22 3.37 0.00	52.30 2.96 0.00
RAMAPO___LBMP 323565	45.33 1.45 0.00	41.27 1.32 0.00	40.26 1.13 0.00	38.68 1.13 0.00	39.57 1.23 0.00	46.11 1.69 0.00	60.04 2.25 0.00	70.42 2.97 0.00	64.52 2.60 0.00	62.22 2.57 0.00	61.30 2.70 0.00	60.82 2.73 0.00	60.76 2.78 0.00	63.02 2.83 0.00	62.13 2.73 0.00	69.94 2.95 0.00	87.79 3.78 0.00	109.72 4.72 0.00	97.69 4.39 0.00	85.11 3.82 0.00	70.12 2.96 0.00	63.54 2.97 0.00	54.55 2.70 0.00	51.76 2.42 0.00
RANKINE____ 23646	43.62 -0.26 0.00	39.31 -0.64 0.00	38.66 -0.47 0.00	36.99 -0.56 0.00	38.00 -0.35 0.00	43.13 -1.29 0.00	55.01 -2.77 0.00	63.74 -3.71 0.00	58.57 -3.34 0.00	57.03 -2.62 0.00	55.38 -3.22 0.00	55.53 -2.56 0.00	54.96 -3.01 0.00	56.58 -3.61 0.00	55.89 -3.50 0.00	62.44 -4.56 0.00	77.62 -6.38 0.00	99.54 -5.46 0.00	88.27 -5.04 0.00	76.58 -4.71 0.00	63.14 -4.03 0.00	57.00 -3.57 0.00	49.05 -2.80 0.00	47.66 -1.68 0.00
RAVENSWOOD_GT2_1 24244	45.95 2.06 0.00	41.82 1.88 0.00	40.73 1.60 0.00	39.09 1.54 0.00	40.03 1.69 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.23 3.78 0.00	65.32 3.41 0.00	63.12 3.46 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.88 3.89 0.00	88.88 4.87 0.00	111.08 6.09 0.00	98.81 5.51 0.00	86.09 4.80 0.00	70.93 3.76 0.00	64.33 3.76 0.00	55.33 3.47 0.00	52.50 3.16 0.00
RAVENSWOOD_GT2_2 24245	45.95 2.06 0.00	41.82 1.88 0.00	40.73 1.60 0.00	39.09 1.54 0.00	40.03 1.69 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.23 3.78 0.00	65.32 3.41 0.00	63.12 3.46 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.88 3.89 0.00	88.88 4.87 0.00	111.08 6.09 0.00	98.81 5.51 0.00	86.09 4.80 0.00	70.93 3.76 0.00	64.33 3.76 0.00	55.33 3.47 0.00	52.50 3.16 0.00

RAVENSWOOD_GT2_3 24246	45.99 2.11 0.00	41.82 1.88 0.00	40.77 1.64 0.00	39.09 1.54 0.00	40.07 1.73 0.00	46.73 2.31 0.00	60.85 3.06 0.00	71.30 3.84 0.00	65.38 3.47 0.00	63.18 3.52 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.88 3.89 0.00	88.88 4.87 0.00	111.08 6.09 0.00	98.90 5.60 0.00	86.17 4.88 0.00	71.00 3.83 0.00	64.33 3.76 0.00	55.33 3.47 0.00	52.50 3.16 0.00
RAVENSWOOD_GT2_4 24247	45.99 2.11 0.00	41.82 1.88 0.00	40.77 1.64 0.00	39.09 1.54 0.00	40.07 1.73 0.00	46.73 2.31 0.00	60.85 3.06 0.00	71.30 3.84 0.00	65.38 3.47 0.00	63.18 3.52 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.88 3.89 0.00	88.88 4.87 0.00	111.08 6.09 0.00	98.90 5.60 0.00	86.17 4.88 0.00	71.00 3.83 0.00	64.33 3.76 0.00	55.33 3.47 0.00	52.50 3.16 0.00
RAVENSWOOD_GT3_1 24248	45.95 2.06 0.00	41.82 1.88 0.00	40.73 1.60 0.00	39.09 1.54 0.00	40.03 1.69 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.23 3.78 0.00	65.32 3.41 0.00	63.12 3.46 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.88 3.89 0.00	88.88 4.87 0.00	111.08 6.09 0.00	98.81 5.51 0.00	86.09 4.80 0.00	70.93 3.76 0.00	64.33 3.76 0.00	55.33 3.47 0.00	52.50 3.16 0.00
RAVENSWOOD_GT3_2 24249	45.95 2.06 0.00	41.82 1.88 0.00	40.73 1.60 0.00	39.09 1.54 0.00	40.03 1.69 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.23 3.78 0.00	65.32 3.41 0.00	63.12 3.46 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.88 3.89 0.00	88.88 4.87 0.00	111.08 6.09 0.00	98.81 5.51 0.00	86.09 4.80 0.00	70.93 3.76 0.00	64.33 3.76 0.00	55.33 3.47 0.00	52.50 3.16 0.00
RAVENSWOOD_GT3_3 24250	46.03 2.15 0.00	41.86 1.92 0.00	40.77 1.64 0.00	39.13 1.58 0.00	40.07 1.73 0.00	46.78 2.35 0.00	60.91 3.12 0.00	71.36 3.91 0.00	65.45 3.53 0.00	63.24 3.58 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.74 3.77 0.00	63.98 3.79 0.00	63.08 3.68 0.00	70.94 3.95 0.00	88.96 4.96 0.00	111.19 6.19 0.00	99.00 5.69 0.00	86.25 4.96 0.00	71.07 3.90 0.00	64.39 3.82 0.00	55.38 3.53 0.00	52.55 3.21 0.00
RAVENSWOOD_GT3_4 24251	46.03 2.15 0.00	41.86 1.92 0.00	40.77 1.64 0.00	39.13 1.58 0.00	40.07 1.73 0.00	46.78 2.35 0.00	60.91 3.12 0.00	71.36 3.91 0.00	65.45 3.53 0.00	63.24 3.58 0.00	62.24 3.63 0.00	61.75 3.66 0.00	61.74 3.77 0.00	63.98 3.79 0.00	63.08 3.68 0.00	70.94 3.95 0.00	88.96 4.96 0.00	111.19 6.19 0.00	99.00 5.69 0.00	86.25 4.96 0.00	71.07 3.90 0.00	64.39 3.82 0.00	55.38 3.53 0.00	52.55 3.21 0.00
RAVENSWOOD_GT_1 23729	46.26 2.37 -0.01	42.07 2.12 -0.01	41.02 1.88 -0.01	39.32 1.76 -0.01	40.27 1.92 -0.01	47.01 2.58 -0.01	60.96 3.18 0.00	71.16 3.71 0.00	65.32 3.41 0.00	63.24 3.58 0.00	62.24 3.63 0.00	61.69 3.60 0.00	61.69 3.71 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.81 3.82 0.00	88.71 4.70 0.00	110.87 5.88 0.00	98.62 5.32 0.00	86.00 4.71 0.00	70.93 3.76 0.00	64.33 3.76 0.00	55.59 3.73 0.00	52.81 3.45 -0.01
RAVENSWOOD_GT_10 24258	45.95 2.06 0.00	41.82 1.88 0.00	40.73 1.60 0.00	39.09 1.54 0.00	40.03 1.69 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.30 3.84 0.00	65.38 3.47 0.00	63.12 3.46 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.88 3.89 0.00	88.88 4.87 0.00	111.08 6.09 0.00	98.81 5.51 0.00	86.17 4.88 0.00	70.93 3.76 0.00	64.33 3.76 0.00	55.33 3.47 0.00	52.45 3.11 0.00
RAVENSWOOD_GT_11 24259	45.95 2.06 0.00	41.82 1.88 0.00	40.73 1.60 0.00	39.09 1.54 0.00	40.03 1.69 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.30 3.84 0.00	65.38 3.47 0.00	63.12 3.46 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.88 3.89 0.00	88.88 4.87 0.00	111.08 6.09 0.00	98.81 5.51 0.00	86.17 4.88 0.00	70.93 3.76 0.00	64.33 3.76 0.00	55.33 3.47 0.00	52.45 3.11 0.00
RAVENSWOOD_GT_4 24252	46.04 2.15 -0.01	41.91 1.96 -0.01	40.82 1.68 -0.01	39.17 1.61 -0.01	40.11 1.76 -0.01	46.83 2.40 -0.01	60.85 3.06 0.00	71.16 3.71 0.00	65.32 3.41 0.00	63.18 3.52 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.92 3.73 0.00	62.96 3.56 0.00	70.81 3.82 0.00	88.80 4.79 0.00	110.98 5.98 0.00	98.72 5.41 0.00	86.09 4.80 0.00	70.93 3.76 0.00	64.27 3.70 0.00	55.38 3.53 0.00	52.56 3.21 -0.01
RAVENSWOOD_GT_5 24254	46.04 2.15 -0.01	41.91 1.96 -0.01	40.82 1.68 -0.01	39.17 1.61 -0.01	40.11 1.76 -0.01	46.83 2.40 -0.01	60.85 3.06 0.00	71.16 3.71 0.00	65.32 3.41 0.00	63.18 3.52 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.92 3.73 0.00	62.96 3.56 0.00	70.81 3.82 0.00	88.80 4.79 0.00	110.98 5.98 0.00	98.72 5.41 0.00	86.09 4.80 0.00	70.93 3.76 0.00	64.27 3.70 0.00	55.38 3.53 0.00	52.56 3.21 -0.01
RAVENSWOOD_GT_6 24253	46.04 2.15 -0.01	41.91 1.96 -0.01	40.82 1.68 -0.01	39.17 1.61 -0.01	40.11 1.76 -0.01	46.83 2.40 -0.01	60.85 3.06 0.00	71.16 3.71 0.00	65.32 3.41 0.00	63.18 3.52 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.92 3.73 0.00	62.96 3.56 0.00	70.81 3.82 0.00	88.80 4.79 0.00	110.98 5.98 0.00	98.72 5.41 0.00	86.09 4.80 0.00	70.93 3.76 0.00	64.27 3.70 0.00	55.38 3.53 0.00	52.56 3.21 -0.01
RAVENSWOOD_GT_7 24255	46.04 2.15 -0.01	41.91 1.96 -0.01	40.82 1.68 -0.01	39.17 1.61 -0.01	40.11 1.76 -0.01	46.83 2.40 -0.01	60.85 3.06 0.00	71.16 3.71 0.00	65.32 3.41 0.00	63.18 3.52 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.92 3.73 0.00	62.96 3.56 0.00	70.81 3.82 0.00	88.80 4.79 0.00	110.98 5.98 0.00	98.72 5.41 0.00	86.09 4.80 0.00	70.93 3.76 0.00	64.27 3.70 0.00	55.38 3.53 0.00	52.56 3.21 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.95 2.06 0.00	41.82 1.88 0.00	40.73 1.60 0.00	39.09 1.54 0.00	40.03 1.69 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.30 3.84 0.00	65.38 3.47 0.00	63.12 3.46 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.88 3.89 0.00	88.88 4.87 0.00	111.08 6.09 0.00	98.81 5.51 0.00	86.17 4.88 0.00	70.93 3.76 0.00	64.33 3.76 0.00	55.33 3.47 0.00	52.45 3.11 0.00
RAVENSWOOD_GT_9 24257	45.95 2.06 0.00	41.82 1.88 0.00	40.73 1.60 0.00	39.09 1.54 0.00	40.03 1.69 0.00	46.73 2.31 0.00	60.79 3.00 0.00	71.30 3.84 0.00	65.38 3.47 0.00	63.12 3.46 0.00	62.18 3.57 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.88 3.89 0.00	88.88 4.87 0.00	111.08 6.09 0.00	98.81 5.51 0.00	86.17 4.88 0.00	70.93 3.76 0.00	64.33 3.76 0.00	55.33 3.47 0.00	52.45 3.11 0.00

RAVENSWOOD___1 23533	46.22 2.32 -0.01	42.03 2.08 -0.01	40.98 1.84 -0.01	39.29 1.73 -0.01	40.27 1.92 -0.01	47.05 2.62 -0.01	60.85 3.06 0.00	71.09 3.64 0.00	65.32 3.40 0.00	63.17 3.52 0.00	62.18 3.58 0.00	61.75 3.66 0.00	61.63 3.65 0.00	63.92 3.73 0.00	63.02 3.62 0.00	70.94 3.95 0.00	89.22 5.21 0.00	111.19 6.19 0.00	99.28 5.98 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.57 4.00 0.00	55.59 3.74 0.00	52.75 3.40 -0.01
RAVENSWOOD___2 23534	46.22 2.32 -0.01	42.03 2.08 -0.01	40.98 1.84 -0.01	39.29 1.73 -0.01	40.27 1.92 -0.01	47.01 2.58 -0.01	60.85 3.06 0.00	71.09 3.64 0.00	65.32 3.40 0.00	63.17 3.52 0.00	62.18 3.58 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.92 3.73 0.00	62.96 3.56 0.00	70.94 3.95 0.00	89.13 5.13 0.00	111.19 6.19 0.00	99.19 5.88 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.57 4.00 0.00	55.59 3.74 0.00	52.75 3.40 -0.01
RAVENSWOOD___3 23535	45.99 2.11 0.00	41.83 1.88 0.00	40.73 1.60 0.00	39.09 1.54 0.00	40.03 1.69 0.00	46.78 2.35 0.00	60.79 3.00 0.00	71.23 3.78 0.00	65.38 3.47 0.00	63.11 3.46 0.00	62.18 3.58 0.00	61.75 3.66 0.00	61.63 3.65 0.00	63.92 3.73 0.00	63.02 3.62 0.00	71.01 4.02 0.00	89.39 5.38 0.00	111.51 6.51 0.00	99.46 6.16 0.00	86.57 5.28 0.00	71.13 3.96 0.00	64.57 4.00 0.00	55.38 3.53 0.00	52.50 3.16 0.00
RAVENSWOOD___4 23820	46.22 2.32 -0.01	42.03 2.08 -0.01	40.94 1.80 -0.01	39.29 1.73 -0.01	40.23 1.88 -0.01	47.01 2.58 -0.01	60.85 3.06 0.00	71.09 3.64 0.00	65.32 3.40 0.00	63.17 3.52 0.00	62.18 3.58 0.00	61.69 3.60 0.00	61.63 3.65 0.00	63.86 3.67 0.00	62.96 3.56 0.00	70.94 3.95 0.00	89.13 5.13 0.00	111.19 6.19 0.00	99.19 5.88 0.00	86.41 5.12 0.00	71.00 3.83 0.00	64.57 4.00 0.00	55.53 3.68 0.00	52.75 3.40 -0.01
RCPL_TRUST___DRP 24196	45.90 2.02 0.00	41.78 1.84 0.00	40.70 1.57 0.00	39.05 1.50 0.00	39.99 1.65 0.00	46.69 2.27 0.00	60.85 3.06 0.00	71.36 3.91 0.00	65.38 3.47 0.00	63.18 3.52 0.00	62.24 3.63 0.00	61.69 3.60 0.00	61.69 3.71 0.00	63.98 3.79 0.00	63.02 3.62 0.00	70.94 3.95 0.00	88.96 4.96 0.00	111.19 6.19 0.00	98.90 5.60 0.00	86.17 4.88 0.00	71.00 3.83 0.00	64.33 3.76 0.00	55.28 3.42 0.00	52.40 3.06 0.00
RED___ROCHESTER 323720	43.75 -0.13 0.00	39.47 -0.48 0.00	38.78 -0.35 0.00	37.17 -0.38 0.00	38.19 -0.15 0.00	43.71 -0.71 0.00	56.40 -1.39 0.00	65.83 -1.62 0.00	60.37 -1.55 0.00	58.70 -0.96 0.00	57.43 -1.17 0.00	57.22 -0.87 0.00	57.05 -0.93 0.00	58.75 -1.45 0.00	57.97 -1.43 0.00	64.58 -2.41 0.00	81.32 -2.69 0.00	103.21 -1.79 0.00	90.60 -2.71 0.00	79.34 -1.95 0.00	65.42 -1.75 0.00	59.18 -1.39 0.00	50.56 -1.29 0.00	48.75 -0.59 0.00
REGAN___SOLAR 323812	45.07 1.19 0.00	41.11 1.16 0.00	40.22 1.09 0.00	38.64 1.09 0.00	39.61 1.26 0.00	46.24 1.82 0.00	60.10 2.31 0.00	70.22 2.77 0.00	63.52 1.61 0.00	60.19 0.54 0.00	59.31 0.71 0.00	58.61 0.52 0.00	58.67 0.70 0.00	61.09 0.90 0.00	60.58 1.19 0.00	69.20 2.21 0.00	87.37 3.36 0.00	109.72 4.73 0.00	97.69 4.39 0.00	84.86 3.57 0.00	69.92 2.76 0.00	63.48 2.91 0.00	54.24 2.39 0.00	51.32 1.98 0.00
RENSSELAER___COGEN 23796	44.19 0.31 0.00	40.31 0.36 0.00	39.48 0.35 0.00	37.93 0.38 0.00	38.80 0.46 0.00	45.00 0.58 0.00	58.42 0.64 0.00	68.33 0.87 0.00	62.41 0.49 0.00	60.13 0.48 0.00	59.25 0.65 0.00	58.55 0.46 0.00	58.55 0.58 0.00	60.79 0.60 0.00	60.11 0.72 0.00	68.00 1.01 0.00	85.02 1.01 0.00	105.94 0.94 0.00	94.33 1.03 0.00	82.10 0.81 0.00	67.91 0.74 0.00	61.30 0.73 0.00	52.53 0.67 0.00	49.94 0.59 0.00
REPUBLIC_115KV_BARTNBRK 55605	47.57 3.69 0.00	43.46 3.52 0.00	42.57 3.44 0.00	40.89 3.34 0.00	41.91 3.57 0.00	48.87 4.44 0.00	62.58 4.80 0.00	73.25 5.80 0.00	66.87 4.95 0.00	64.01 4.35 0.00	63.12 4.51 0.00	62.15 4.07 0.00	62.27 4.29 0.00	64.34 4.15 0.00	63.44 4.04 0.00	71.82 4.82 0.00	90.98 6.97 0.00	114.02 9.03 0.00	101.61 8.30 0.00	88.12 6.83 0.00	72.88 5.71 0.00	65.91 5.33 0.00	57.50 5.65 0.00	54.38 5.03 0.00
REVERE_CPPR_DRP 24186	44.89 1.01 0.00	40.91 0.96 0.00	40.07 0.94 0.00	38.45 0.90 0.00	39.49 1.15 0.00	45.93 1.51 0.00	59.92 2.14 0.00	70.22 2.77 0.00	64.52 2.60 0.00	61.68 2.03 0.00	60.95 2.34 0.00	60.29 2.21 0.00	59.95 1.97 0.00	62.24 2.05 0.00	61.30 1.90 0.00	69.07 2.08 0.00	87.03 3.02 0.00	109.61 4.62 0.00	97.04 3.73 0.00	84.46 3.17 0.00	69.59 2.42 0.00	62.82 2.24 0.00	53.51 1.66 0.00	50.97 1.63 0.00
REYNLDPA_13_KV_LD 356490	44.85 0.96 0.00	40.79 0.84 0.00	40.03 0.90 0.00	38.34 0.79 0.00	38.99 0.65 0.00	45.04 0.62 0.00	58.71 0.92 0.00	68.19 0.74 0.00	62.85 0.93 0.00	60.61 0.95 0.00	59.37 0.76 0.00	58.84 0.75 0.00	58.79 0.81 0.00	60.92 0.72 0.00	60.17 0.77 0.00	67.80 0.81 0.00	84.76 0.75 0.00	105.83 0.84 0.00	93.96 0.66 0.00	81.86 0.57 0.00	67.70 0.53 0.00	60.94 0.37 0.00	52.22 0.37 0.00	49.74 0.39 0.00
REYNOLDS_115KV_TB3 80639	44.32 0.44 0.00	40.43 0.48 0.00	39.64 0.51 0.00	38.08 0.53 0.00	38.96 0.61 0.00	45.13 0.71 0.00	58.65 0.87 0.00	68.60 1.15 0.00	62.66 0.74 0.00	60.37 0.72 0.00	59.49 0.88 0.00	58.73 0.64 0.00	58.73 0.75 0.00	61.09 0.90 0.00	60.41 1.01 0.00	68.26 1.27 0.00	85.52 1.51 0.00	106.04 1.05 0.00	94.43 1.12 0.00	82.27 0.98 0.00	68.31 1.14 0.00	61.48 0.91 0.00	52.73 0.88 0.00	50.13 0.79 0.00
RIVERBAY____ 323610	46.92 3.03 -0.01	42.71 2.76 -0.01	41.64 2.50 -0.01	39.96 2.40 -0.01	40.92 2.57 -0.01	47.63 3.20 -0.01	61.60 3.81 0.00	71.57 4.11 0.00	65.69 3.78 0.00	63.59 3.94 0.00	62.53 3.93 0.00	61.98 3.89 0.00	61.98 4.00 0.00	64.22 4.03 0.00	63.32 3.92 0.00	71.15 4.15 0.00	89.22 5.21 0.00	111.50 6.51 0.00	99.18 5.88 0.00	86.49 5.20 0.00	71.27 4.10 0.00	64.69 4.12 0.00	56.16 4.30 0.00	53.45 4.10 -0.01
RIVERSDE_115KV_TB3 55908	44.28 0.39 0.00	40.39 0.44 0.00	39.60 0.47 0.00	38.04 0.49 0.00	38.92 0.58 0.00	45.09 0.67 0.00	58.59 0.81 0.00	68.53 1.08 0.00	62.66 0.74 0.00	60.37 0.72 0.00	59.43 0.82 0.00	58.73 0.64 0.00	58.73 0.75 0.00	61.03 0.84 0.00	60.35 0.95 0.00	68.20 1.21 0.00	85.52 1.51 0.00	106.04 1.05 0.00	94.43 1.12 0.00	82.27 0.98 0.00	68.24 1.07 0.00	61.42 0.85 0.00	52.68 0.83 0.00	50.08 0.74 0.00
ROARING___BROOK_WT_PWR 323790	43.93 0.04 0.00	39.99 0.04 0.00	39.21 0.08 0.00	37.63 0.08 0.00	38.38 0.04 0.00	44.42 0.00 0.00	57.84 0.06 0.00	67.45 0.00 0.00	61.98 0.06 0.00	59.72 0.06 0.00	58.67 0.06 0.00	58.09 0.00 0.00	57.97 0.00 0.00	60.13 -0.06 0.00	59.34 -0.06 0.00	66.93 -0.07 0.00	83.84 -0.17 0.00	104.68 -0.31 0.00	93.03 -0.28 0.00	80.97 -0.32 0.00	66.90 -0.27 0.00	60.27 -0.30 0.00	51.60 -0.26 0.00	49.05 -0.29 0.00

ROCHESRG_115KV_T4 355643	43.36 -0.53 0.00	39.19 -0.76 0.00	38.46 -0.67 0.00	36.87 -0.68 0.00	37.84 -0.50 0.00	43.31 -1.11 0.00	55.76 -2.02 0.00	64.96 -2.50 0.00	59.63 -2.29 0.00	57.93 -1.73 0.00	56.61 -1.99 0.00	56.58 -1.51 0.00	56.18 -1.80 0.00	57.96 -2.23 0.00	57.14 -2.26 0.00	64.11 -2.88 0.00	80.31 -3.70 0.00	101.85 -3.15 0.00	90.32 -2.99 0.00	78.53 -2.76 0.00	64.68 -2.49 0.00	58.39 -2.18 0.00	49.99 -1.87 0.00	48.21 -1.13 0.00
ROCHESTER_9_IC 23652	43.58 -0.31 0.00	39.39 -0.56 0.00	38.66 -0.47 0.00	37.02 -0.53 0.00	38.04 -0.31 0.00	43.53 -0.89 0.00	56.11 -1.68 0.00	65.50 -1.96 0.00	60.12 -1.80 0.00	58.40 -1.25 0.00	57.14 -1.47 0.00	57.10 -0.99 0.00	56.70 -1.28 0.00	58.45 -1.75 0.00	57.67 -1.72 0.00	64.65 -2.34 0.00	81.07 -2.94 0.00	102.79 -2.20 0.00	91.16 -2.15 0.00	79.26 -2.03 0.00	65.22 -1.95 0.00	58.88 -1.70 0.00	50.35 -1.50 0.00	48.55 -0.79 0.00
ROCKVIEW_13_KV_LD 356306	45.77 1.89 0.00	41.67 1.72 0.00	40.58 1.45 0.00	38.98 1.43 0.00	39.92 1.57 0.00	46.56 2.13 0.00	60.62 2.83 0.00	71.16 3.71 0.00	65.32 3.41 0.00	63.00 3.34 0.00	62.12 3.52 0.00	61.57 3.49 0.00	61.57 3.59 0.00	63.86 3.67 0.00	62.90 3.50 0.00	70.81 3.82 0.00	88.88 4.87 0.00	111.08 6.09 0.00	98.90 5.60 0.00	86.17 4.88 0.00	70.93 3.76 0.00	64.27 3.70 0.00	55.17 3.32 0.00	52.30 2.96 0.00
ROME____115KV_TB2 80656	44.89 1.01 0.00	40.91 0.96 0.00	40.07 0.94 0.00	38.45 0.90 0.00	39.49 1.15 0.00	45.93 1.51 0.00	59.92 2.14 0.00	70.22 2.77 0.00	64.52 2.60 0.00	61.68 2.03 0.00	60.95 2.34 0.00	60.29 2.21 0.00	59.95 1.97 0.00	62.24 2.05 0.00	61.30 1.90 0.00	69.07 2.08 0.00	87.03 3.02 0.00	109.61 4.62 0.00	97.04 3.73 0.00	84.46 3.17 0.00	69.59 2.42 0.00	62.82 2.24 0.00	53.51 1.66 0.00	50.97 1.63 0.00
ROSETON___1 23587	45.20 1.32 0.00	41.19 1.24 0.00	40.19 1.06 0.00	38.56 1.01 0.00	39.46 1.11 0.00	46.02 1.60 0.00	59.81 2.02 0.00	70.01 2.56 0.00	64.21 2.29 0.00	61.98 2.32 0.00	61.07 2.46 0.00	60.58 2.50 0.00	60.47 2.49 0.00	62.78 2.59 0.00	61.89 2.49 0.00	69.81 2.81 0.00	87.70 3.69 0.00	109.40 4.41 0.00	97.60 4.29 0.00	85.03 3.74 0.00	69.99 2.82 0.00	63.48 2.91 0.00	54.34 2.49 0.00	51.56 2.22 0.00
ROSETON___2 23588	45.20 1.32 0.00	41.19 1.24 0.00	40.19 1.06 0.00	38.56 1.01 0.00	39.46 1.11 0.00	46.02 1.60 0.00	59.81 2.02 0.00	70.01 2.56 0.00	64.21 2.29 0.00	61.98 2.32 0.00	61.07 2.46 0.00	60.58 2.50 0.00	60.47 2.49 0.00	62.78 2.59 0.00	61.89 2.49 0.00	69.81 2.81 0.00	87.70 3.69 0.00	109.40 4.41 0.00	97.60 4.29 0.00	85.03 3.74 0.00	69.99 2.82 0.00	63.48 2.91 0.00	54.34 2.49 0.00	51.56 2.22 0.00
ROTRDAM_115KV_TB3 80664	44.67 0.79 0.00	40.71 0.76 0.00	39.87 0.74 0.00	38.26 0.71 0.00	39.15 0.81 0.00	45.44 1.02 0.00	59.00 1.21 0.00	69.00 1.55 0.00	63.09 1.18 0.00	60.67 1.01 0.00	59.72 1.11 0.00	59.07 0.99 0.00	59.08 1.10 0.00	61.33 1.14 0.00	60.58 1.19 0.00	68.47 1.47 0.00	85.94 1.93 0.00	107.09 2.10 0.00	95.27 1.96 0.00	83.00 1.71 0.00	68.71 1.54 0.00	61.97 1.39 0.00	53.25 1.40 0.00	50.58 1.23 0.00
RUSSELL___1 23602	43.75 -0.13 0.00	39.55 -0.40 0.00	38.78 -0.35 0.00	37.17 -0.38 0.00	38.19 -0.15 0.00	43.71 -0.71 0.00	56.40 -1.39 0.00	65.83 -1.62 0.00	60.37 -1.55 0.00	58.70 -0.95 0.00	57.43 -1.17 0.00	57.45 -0.64 0.00	57.05 -0.93 0.00	58.75 -1.44 0.00	57.97 -1.43 0.00	64.98 -2.01 0.00	81.57 -2.44 0.00	103.42 -1.57 0.00	91.63 -1.68 0.00	79.75 -1.54 0.00	65.62 -1.54 0.00	59.18 -1.39 0.00	50.61 -1.24 0.00	48.75 -0.59 0.00
RUSSELL___2 23532	43.75 -0.13 0.00	39.55 -0.40 0.00	38.78 -0.35 0.00	37.17 -0.38 0.00	38.19 -0.15 0.00	43.71 -0.71 0.00	56.40 -1.39 0.00	65.83 -1.62 0.00	60.37 -1.55 0.00	58.70 -0.95 0.00	57.43 -1.17 0.00	57.45 -0.64 0.00	57.05 -0.93 0.00	58.75 -1.44 0.00	57.97 -1.43 0.00	64.98 -2.01 0.00	81.57 -2.44 0.00	103.42 -1.57 0.00	91.63 -1.68 0.00	79.75 -1.54 0.00	65.62 -1.54 0.00	59.18 -1.39 0.00	50.61 -1.24 0.00	48.75 -0.59 0.00
RUSSELL___3 23549	43.75 -0.13 0.00	39.55 -0.40 0.00	38.78 -0.35 0.00	37.17 -0.38 0.00	38.19 -0.15 0.00	43.71 -0.71 0.00	56.40 -1.39 0.00	65.83 -1.62 0.00	60.37 -1.55 0.00	58.70 -0.95 0.00	57.43 -1.17 0.00	57.45 -0.64 0.00	57.05 -0.93 0.00	58.75 -1.44 0.00	57.97 -1.43 0.00	64.98 -2.01 0.00	81.57 -2.44 0.00	103.42 -1.57 0.00	91.63 -1.68 0.00	79.75 -1.54 0.00	65.62 -1.54 0.00	59.18 -1.39 0.00	50.61 -1.24 0.00	48.75 -0.59 0.00
RUSSELL___4 23556	43.75 -0.13 0.00	39.55 -0.40 0.00	38.78 -0.35 0.00	37.17 -0.38 0.00	38.19 -0.15 0.00	43.71 -0.71 0.00	56.40 -1.39 0.00	65.83 -1.62 0.00	60.37 -1.55 0.00	58.70 -0.95 0.00	57.43 -1.17 0.00	57.45 -0.64 0.00	57.05 -0.93 0.00	58.75 -1.44 0.00	57.97 -1.43 0.00	64.98 -2.01 0.00	81.57 -2.44 0.00	103.42 -1.57 0.00	91.63 -1.68 0.00	79.75 -1.54 0.00	65.62 -1.54 0.00	59.18 -1.39 0.00	50.61 -1.24 0.00	48.75 -0.59 0.00
RUSSELL___STATION 23914	43.75 -0.13 0.00	39.55 -0.40 0.00	38.78 -0.35 0.00	37.17 -0.38 0.00	38.19 -0.15 0.00	43.71 -0.71 0.00	56.40 -1.39 0.00	65.83 -1.62 0.00	60.37 -1.55 0.00	58.70 -0.95 0.00	57.43 -1.17 0.00	57.45 -0.64 0.00	57.05 -0.93 0.00	58.75 -1.44 0.00	57.97 -1.43 0.00	64.98 -2.01 0.00	81.57 -2.44 0.00	103.42 -1.57 0.00	91.63 -1.68 0.00	79.75 -1.54 0.00	65.62 -1.54 0.00	59.18 -1.39 0.00	50.61 -1.24 0.00	48.75 -0.59 0.00
S SALMON___HYD 24043	42.88 -1.01 0.00	39.03 -0.92 0.00	38.23 -0.90 0.00	36.65 -0.90 0.00	37.58 -0.77 0.00	43.53 -0.89 0.00	56.63 -1.16 0.00	66.30 -1.15 0.00	60.80 -1.11 0.00	58.29 -1.37 0.00	57.49 -1.12 0.00	57.04 -1.04 0.00	56.82 -1.16 0.00	58.92 -1.27 0.00	57.97 -1.43 0.00	65.25 -1.74 0.00	82.08 -1.93 0.00	103.42 -1.57 0.00	91.63 -1.68 0.00	79.99 -1.30 0.00	65.89 -1.28 0.00	59.42 -1.15 0.00	50.76 -1.09 0.00	48.40 -0.94 0.00
S.PERRY__115KV_TB1 80734	44.94 1.05 0.00	40.55 0.60 0.00	39.91 0.78 0.00	38.15 0.60 0.00	39.19 0.84 0.00	45.00 0.58 0.00	58.13 0.35 0.00	68.06 0.61 0.00	61.98 0.06 0.00	59.78 0.12 0.00	57.90 -0.70 0.00	57.80 -0.29 0.00	57.11 -0.87 0.00	58.93 -1.26 0.00	58.15 -1.25 0.00	63.04 -3.95 0.00	79.14 -4.87 0.00	101.85 -3.15 0.00	90.51 -2.80 0.00	78.77 -2.52 0.00	64.82 -2.35 0.00	60.45 -0.12 0.00	51.65 -0.21 0.00	49.79 0.44 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.36 -0.53 0.00	39.11 -0.84 0.00	38.43 -0.70 0.00	36.76 -0.79 0.00	37.77 -0.58 0.00	42.73 -1.69 0.00	54.43 -3.35 0.00	63.07 -4.38 0.00	57.89 -4.02 0.00	56.43 -3.22 0.00	54.86 -3.75 0.00	54.95 -3.14 0.00	54.44 -3.54 0.00	56.10 -4.09 0.00	55.42 -3.98 0.00	61.90 -5.09 0.00	76.95 -7.06 0.00	98.49 -6.51 0.00	87.43 -5.88 0.00	75.84 -5.45 0.00	62.60 -4.57 0.00	56.52 -4.06 0.00	48.59 -3.27 0.00	47.32 -2.02 0.00

SAWYER___23_KV_LOAD 55526	43.36 -0.53 0.00	39.11 -0.84 0.00	38.43 -0.70 0.00	36.76 -0.79 0.00	37.77 -0.58 0.00	42.73 -1.69 0.00	54.43 -3.35 0.00	63.07 -4.38 0.00	57.89 -4.02 0.00	56.43 -3.22 0.00	54.86 -3.75 0.00	54.95 -3.14 0.00	54.44 -3.54 0.00	56.10 -4.09 0.00	55.42 -3.98 0.00	61.90 -5.09 0.00	76.95 -7.06 0.00	98.49 -6.51 0.00	87.43 -5.88 0.00	75.84 -5.45 0.00	62.60 -4.57 0.00	56.52 -4.06 0.00	48.59 -3.27 0.00	47.32 -2.02 0.00
SELKIRK___I 23801	44.54 0.66 0.00	40.63 0.68 0.00	39.79 0.66 0.00	38.23 0.68 0.00	39.07 0.73 0.00	45.36 0.93 0.00	58.94 1.16 0.00	68.87 1.42 0.00	62.97 1.05 0.00	60.61 0.95 0.00	59.66 1.06 0.00	59.01 0.93 0.00	58.96 0.98 0.00	61.21 1.02 0.00	60.52 1.13 0.00	68.40 1.41 0.00	85.69 1.68 0.00	106.89 1.89 0.00	95.17 1.87 0.00	82.92 1.63 0.00	68.51 1.34 0.00	61.91 1.33 0.00	53.05 1.19 0.00	50.43 1.08 0.00
SELKIRK___II 23799	44.28 0.39 0.00	40.35 0.40 0.00	39.52 0.39 0.00	37.96 0.41 0.00	38.80 0.46 0.00	45.04 0.62 0.00	58.54 0.75 0.00	68.40 0.94 0.00	62.60 0.68 0.00	60.25 0.60 0.00	59.37 0.76 0.00	58.73 0.64 0.00	58.67 0.70 0.00	60.92 0.72 0.00	60.23 0.83 0.00	68.06 1.07 0.00	85.18 1.18 0.00	106.15 1.16 0.00	94.52 1.21 0.00	82.27 0.98 0.00	68.04 0.87 0.00	61.42 0.85 0.00	52.63 0.78 0.00	50.03 0.69 0.00
SENECA OSWGO___HYD 24041	42.48 -1.41 0.00	38.67 -1.28 0.00	37.92 -1.21 0.00	36.39 -1.16 0.00	37.23 -1.11 0.00	43.13 -1.29 0.00	56.05 -1.73 0.00	65.63 -1.82 0.00	60.25 -1.67 0.00	57.99 -1.67 0.00	57.03 -1.58 0.00	56.52 -1.57 0.00	56.41 -1.56 0.00	58.51 -1.68 0.00	57.62 -1.78 0.00	64.98 -2.01 0.00	81.57 -2.44 0.00	102.37 -2.62 0.00	90.88 -2.43 0.00	79.26 -2.03 0.00	65.42 -1.75 0.00	58.94 -1.63 0.00	50.46 -1.40 0.00	47.96 -1.38 0.00
SENECA___115KV_TB3 355854	43.67 -0.22 0.00	39.31 -0.64 0.00	38.70 -0.43 0.00	37.02 -0.53 0.00	38.04 -0.31 0.00	43.23 -1.20 0.00	55.13 -2.66 0.00	63.87 -3.58 0.00	58.63 -3.28 0.00	57.15 -2.50 0.00	55.44 -3.17 0.00	55.24 -2.84 0.00	55.08 -2.90 0.00	56.70 -3.49 0.00	55.95 -3.45 0.00	61.84 -5.16 0.00	77.46 -6.55 0.00	99.32 -5.67 0.00	87.06 -6.25 0.00	76.01 -5.28 0.00	62.87 -4.30 0.00	57.12 -3.45 0.00	49.05 -2.80 0.00	47.72 -1.63 0.00
SENECA___ENERGY 23797	43.23 -0.66 0.00	39.19 -0.76 0.00	38.50 -0.63 0.00	36.91 -0.64 0.00	37.84 -0.50 0.00	43.80 -0.62 0.00	56.80 -0.98 0.00	66.51 -0.94 0.00	61.05 -0.87 0.00	58.88 -0.78 0.00	57.84 -0.76 0.00	57.39 -0.69 0.00	57.22 -0.76 0.00	59.23 -0.97 0.00	58.33 -1.07 0.00	65.58 -1.41 0.00	82.50 -1.51 0.00	104.05 -0.95 0.00	92.00 -1.31 0.00	80.23 -1.06 0.00	66.16 -1.01 0.00	59.60 -0.97 0.00	50.97 -0.88 0.00	48.65 -0.69 0.00
SHOEMAKER___GT 23640	45.16 1.27 0.00	41.11 1.16 0.00	40.11 0.98 0.00	38.52 0.97 0.00	39.42 1.07 0.00	45.93 1.51 0.00	59.75 1.97 0.00	70.01 2.56 0.00	64.14 2.23 0.00	61.80 2.14 0.00	60.78 2.17 0.00	60.29 2.21 0.00	60.18 2.20 0.00	62.48 2.29 0.00	61.65 2.26 0.00	69.54 2.55 0.00	87.45 3.45 0.00	109.30 4.31 0.00	97.51 4.20 0.00	84.95 3.66 0.00	69.86 2.69 0.00	63.30 2.73 0.00	54.19 2.34 0.00	51.41 2.07 0.00
SHOEMAKR_138KV_BK 111 55601	45.16 1.27 0.00	41.11 1.16 0.00	40.11 0.98 0.00	38.53 0.98 0.00	39.42 1.07 0.00	45.89 1.47 0.00	59.75 1.96 0.00	70.01 2.56 0.00	64.15 2.23 0.00	61.80 2.15 0.00	60.83 2.23 0.00	60.29 2.21 0.00	60.24 2.26 0.00	62.54 2.35 0.00	61.65 2.26 0.00	69.47 2.48 0.00	87.20 3.19 0.00	109.09 4.09 0.00	97.04 3.73 0.00	84.62 3.33 0.00	69.72 2.55 0.00	63.12 2.54 0.00	54.19 2.33 0.00	51.41 2.07 0.00
SHOREHAM_IC_1 23715	46.43 2.54 0.00	42.14 2.20 0.00	40.81 1.68 0.00	39.20 1.65 0.00	40.34 1.99 0.00	47.00 2.58 0.00	59.63 1.85 0.00	71.34 3.10 -0.78	63.78 1.86 -0.01	61.70 2.03 -0.01	61.95 3.34 0.00	61.51 3.43 0.00	62.15 4.18 0.00	64.42 3.91 -0.32	63.27 3.80 -0.06	71.68 4.69 0.00	91.07 7.06 0.00	114.31 9.13 -0.18	101.71 8.40 0.00	89.03 7.73 -0.01	72.41 5.24 0.00	65.60 5.02 0.00	56.94 5.08 0.00	53.73 4.39 0.00
SHOREHAM_IC_2 23716	46.43 2.55 0.00	42.14 2.20 0.00	40.81 1.68 0.00	39.20 1.65 0.00	40.34 1.99 0.00	46.96 2.53 0.00	59.75 1.96 0.00	71.34 3.10 -0.78	63.78 1.86 -0.01	61.69 2.03 -0.01	61.95 3.34 0.00	61.28 3.19 0.00	62.15 4.17 0.00	64.42 3.91 -0.32	63.26 3.80 -0.06	70.61 3.62 0.00	87.37 3.36 0.00	109.59 4.41 -0.18	97.41 4.11 0.00	85.20 3.90 -0.01	69.65 2.49 0.00	64.21 3.63 0.00	56.47 4.61 0.00	53.29 3.95 0.00
SISSONVILLE____ 23735	45.20 1.32 0.00	41.11 1.16 0.00	40.34 1.21 0.00	38.64 1.09 0.00	39.22 0.88 0.00	45.44 1.02 0.00	59.29 1.50 0.00	68.80 1.35 0.00	63.28 1.36 0.00	60.85 1.19 0.00	59.60 1.00 0.00	59.07 0.99 0.00	58.96 0.99 0.00	61.09 0.90 0.00	60.05 0.65 0.00	67.19 0.20 0.00	84.01 0.00 0.00	105.31 0.31 0.00	93.12 -0.19 0.00	81.45 0.16 0.00	67.44 0.27 0.00	61.30 0.73 0.00	52.42 0.57 0.00	49.93 0.59 0.00
SITHE_IND_GS1 24169	42.22 -1.67 0.00	38.39 -1.56 0.00	37.64 -1.49 0.00	36.16 -1.39 0.00	37.00 -1.34 0.00	42.78 -1.64 0.00	55.53 -2.25 0.00	64.89 -2.56 0.00	59.56 -2.35 0.00	57.39 -2.27 0.00	56.38 -2.23 0.00	55.94 -2.15 0.00	55.77 -2.20 0.00	57.84 -2.35 0.00	57.02 -2.38 0.00	64.24 -2.75 0.00	80.64 -3.36 0.00	101.11 -3.88 0.00	89.67 -3.64 0.00	78.28 -3.01 0.00	64.62 -2.55 0.00	58.27 -2.30 0.00	49.88 -1.97 0.00	47.52 -1.82 0.00
SITHE_IND_GS2 24170	42.22 -1.67 0.00	38.39 -1.56 0.00	37.64 -1.49 0.00	36.16 -1.39 0.00	37.00 -1.34 0.00	42.78 -1.64 0.00	55.53 -2.25 0.00	64.89 -2.56 0.00	59.56 -2.35 0.00	57.39 -2.27 0.00	56.38 -2.23 0.00	55.94 -2.15 0.00	55.77 -2.20 0.00	57.84 -2.35 0.00	57.02 -2.38 0.00	64.24 -2.75 0.00	80.64 -3.36 0.00	101.11 -3.88 0.00	89.67 -3.64 0.00	78.28 -3.01 0.00	64.62 -2.55 0.00	58.27 -2.30 0.00	49.88 -1.97 0.00	47.52 -1.82 0.00
SITHE_IND_GS3 24171	42.22 -1.67 0.00	38.39 -1.56 0.00	37.64 -1.49 0.00	36.16 -1.39 0.00	37.00 -1.34 0.00	42.78 -1.64 0.00	55.53 -2.25 0.00	64.89 -2.56 0.00	59.56 -2.35 0.00	57.39 -2.27 0.00	56.38 -2.23 0.00	55.94 -2.15 0.00	55.77 -2.20 0.00	57.84 -2.35 0.00	57.02 -2.38 0.00	64.24 -2.75 0.00	80.64 -3.36 0.00	101.11 -3.88 0.00	89.67 -3.64 0.00	78.28 -3.01 0.00	64.62 -2.55 0.00	58.27 -2.30 0.00	49.88 -1.97 0.00	47.52 -1.82 0.00
SITHE_IND_GS4 24172	42.22 -1.67 0.00	38.39 -1.56 0.00	37.64 -1.49 0.00	36.16 -1.39 0.00	37.00 -1.34 0.00	42.78 -1.64 0.00	55.53 -2.25 0.00	64.89 -2.56 0.00	59.56 -2.35 0.00	57.39 -2.27 0.00	56.38 -2.23 0.00	55.94 -2.15 0.00	55.77 -2.20 0.00	57.84 -2.35 0.00	57.02 -2.38 0.00	64.24 -2.75 0.00	80.64 -3.36 0.00	101.11 -3.88 0.00	89.67 -3.64 0.00	78.28 -3.01 0.00	64.62 -2.55 0.00	58.27 -2.30 0.00	49.88 -1.97 0.00	47.52 -1.82 0.00

SITHE___BATAVIA 24024	44.06 0.18 0.00	39.63 -0.32 0.00	39.01 -0.12 0.00	37.36 -0.19 0.00	38.42 0.08 0.00	43.71 -0.71 0.00	56.05 -1.73 0.00	65.09 -2.36 0.00	59.63 -2.29 0.00	58.10 -1.55 0.00	56.50 -2.11 0.00	56.23 -1.86 0.00	56.06 -1.91 0.00	57.60 -2.59 0.00	56.84 -2.55 0.00	63.04 -3.95 0.00	79.39 -4.62 0.00	101.74 -3.26 0.00	89.11 -4.20 0.00	78.04 -3.25 0.00	64.35 -2.82 0.00	58.33 -2.24 0.00	49.94 -1.92 0.00	48.50 -0.84 0.00
SITHE___INDEPEND 23800	42.22 -1.67 0.00	38.39 -1.56 0.00	37.64 -1.49 0.00	36.16 -1.39 0.00	37.00 -1.34 0.00	42.73 -1.69 0.00	55.53 -2.25 0.00	64.89 -2.56 0.00	59.56 -2.35 0.00	57.39 -2.27 0.00	56.38 -2.23 0.00	55.94 -2.15 0.00	55.77 -2.20 0.00	57.84 -2.35 0.00	57.02 -2.38 0.00	64.31 -2.68 0.00	80.65 -3.36 0.00	101.11 -3.88 0.00	89.95 -3.36 0.00	78.28 -3.01 0.00	64.62 -2.55 0.00	58.27 -2.30 0.00	49.93 -1.92 0.00	47.52 -1.83 0.00
SITHE___MASSENA 23902	45.07 1.19 0.00	40.98 1.04 0.00	40.22 1.09 0.00	38.52 0.97 0.00	39.19 0.84 0.00	45.22 0.80 0.00	59.00 1.22 0.00	68.53 1.08 0.00	63.09 1.17 0.00	60.85 1.19 0.00	59.60 1.00 0.00	59.07 0.99 0.00	59.02 1.04 0.00	61.15 0.96 0.00	60.34 0.95 0.00	67.93 0.94 0.00	85.02 1.01 0.00	106.15 1.16 0.00	94.24 0.93 0.00	82.10 0.81 0.00	67.91 0.74 0.00	61.18 0.61 0.00	52.48 0.62 0.00	49.98 0.64 0.00
SITHE___OGDNSBRG 24021	45.82 1.93 0.00	41.70 1.76 0.00	40.89 1.76 0.00	39.16 1.61 0.00	39.88 1.53 0.00	46.20 1.78 0.00	60.39 2.60 0.00	70.01 2.56 0.00	64.21 2.29 0.00	61.51 1.85 0.00	60.13 1.52 0.00	59.60 1.51 0.00	59.54 1.57 0.00	61.70 1.50 0.00	60.82 1.43 0.00	68.40 1.41 0.00	85.86 1.85 0.00	108.25 3.25 0.00	95.83 2.52 0.00	83.65 2.36 0.00	69.12 1.95 0.00	62.63 2.06 0.00	53.36 1.50 0.00	50.87 1.53 0.00
SITHE___STERLING 23777	44.58 0.70 0.00	40.58 0.64 0.00	39.79 0.66 0.00	38.19 0.64 0.00	39.19 0.84 0.00	45.58 1.15 0.00	59.35 1.56 0.00	69.61 2.16 0.00	63.84 1.92 0.00	61.15 1.49 0.00	60.31 1.70 0.00	59.71 1.62 0.00	59.48 1.50 0.00	61.70 1.51 0.00	60.76 1.37 0.00	68.53 1.54 0.00	86.28 2.27 0.00	108.57 3.57 0.00	96.01 2.71 0.00	83.65 2.36 0.00	68.98 1.81 0.00	62.27 1.69 0.00	53.10 1.24 0.00	50.58 1.23 0.00
SLEIGHT__34_KV_TB1 80719	43.05 -0.83 0.00	38.99 -0.96 0.00	38.31 -0.82 0.00	36.69 -0.86 0.00	37.65 -0.69 0.00	43.40 -1.02 0.00	56.23 -1.56 0.00	65.70 -1.75 0.00	60.31 -1.61 0.00	58.40 -1.25 0.00	57.26 -1.35 0.00	57.10 -0.99 0.00	56.76 -1.22 0.00	58.63 -1.60 0.00	57.79 -1.88 0.00	65.12 -1.88 0.00	81.66 -2.35 0.00	103.31 -1.68 0.00	91.63 -1.68 0.00	79.66 -1.63 0.00	65.56 -1.61 0.00	59.06 -1.51 0.00	50.45 -1.40 0.00	48.36 -0.99 0.00
SMITHTWN_69_KV_BK 1 55830	46.25 2.37 0.00	42.02 2.08 0.00	40.70 1.57 0.00	39.09 1.54 0.00	40.22 1.88 0.00	46.82 2.40 0.00	59.58 1.79 0.00	70.77 2.83 -0.48	63.97 2.04 -0.01	61.87 2.21 -0.01	62.06 3.46 0.00	61.51 3.43 0.00	62.03 4.06 0.00	64.18 3.79 -0.19	63.18 3.74 -0.04	70.48 3.48 0.00	87.03 3.02 0.00	109.07 3.99 -0.09	97.04 3.73 0.00	84.95 3.66 0.00	69.52 2.35 0.00	64.03 3.45 0.00	56.42 4.56 0.00	53.24 3.90 0.00
SOUTH CAIRO___GT 23612	45.07 1.18 0.00	41.11 1.16 0.00	40.26 1.13 0.00	38.79 1.24 0.00	39.61 1.27 0.00	45.93 1.51 0.00	59.98 2.20 0.00	70.22 2.77 0.00	63.96 2.04 0.00	61.09 1.43 0.00	59.84 1.23 0.00	59.13 1.05 0.00	59.08 1.10 0.00	61.45 1.26 0.00	60.82 1.43 0.00	69.00 2.01 0.00	87.12 3.11 0.00	109.09 4.09 0.00	97.41 4.11 0.00	84.70 3.41 0.00	69.59 2.42 0.00	63.00 2.42 0.00	53.93 2.07 0.00	51.17 1.83 0.00
SOUTH HAMPTN___IC 23720	46.61 2.72 0.00	42.34 2.40 0.00	40.97 1.84 0.00	39.35 1.80 0.00	40.53 2.18 0.00	47.22 2.80 0.00	59.86 2.08 0.00	71.71 3.44 -0.82	64.28 2.35 -0.01	62.23 2.56 -0.01	62.59 3.99 0.00	61.98 3.89 0.00	62.50 4.52 0.00	64.73 4.21 -0.33	63.50 4.04 -0.07	71.95 4.96 0.00	91.48 7.47 0.00	114.64 9.45 -0.19	101.89 8.58 0.00	89.10 7.80 -0.01	72.41 5.24 0.00	65.60 5.02 0.00	56.94 5.08 0.00	53.83 4.49 0.00
SOUTHDOW_115KV_TB1 355954	44.28 0.39 0.00	39.99 0.04 0.00	39.40 0.27 0.00	37.66 0.11 0.00	38.73 0.38 0.00	44.20 -0.22 0.00	56.92 -0.87 0.00	66.04 -1.42 0.00	60.80 -1.11 0.00	59.00 -0.66 0.00	57.20 -1.41 0.00	57.39 -0.70 0.00	56.76 -1.22 0.00	58.32 -1.87 0.00	57.56 -1.84 0.00	64.31 -2.68 0.00	79.98 -4.03 0.00	103.10 -1.89 0.00	91.25 -2.05 0.00	78.93 -2.36 0.00	65.02 -2.15 0.00	58.58 -2.00 0.00	50.35 -1.50 0.00	48.75 -0.59 0.00
SOUTHOLD_69_KV_BK 2 55809	46.78 2.90 0.00	42.54 2.60 0.00	41.13 2.00 0.00	39.47 1.92 0.00	40.68 2.34 0.00	47.35 2.93 0.00	60.21 2.43 0.00	71.98 3.71 -0.82	64.65 2.72 -0.01	62.77 3.10 -0.01	63.12 4.51 0.00	62.15 4.07 0.00	62.67 4.70 0.00	64.79 4.27 -0.33	63.56 4.10 -0.07	71.01 4.02 0.00	87.96 3.95 0.00	109.91 4.72 -0.19	97.51 4.20 0.00	85.28 3.98 -0.01	69.52 2.35 0.00	63.97 3.39 0.00	56.10 4.25 0.00	53.29 3.95 0.00
SOUTHOLD___IC 23719	46.78 2.90 0.00	42.54 2.60 0.00	41.12 1.99 0.00	39.46 1.91 0.00	40.68 2.34 0.00	47.40 2.98 0.00	60.04 2.25 0.00	71.98 3.71 -0.82	64.65 2.72 -0.01	62.77 3.10 -0.01	63.12 4.51 0.00	62.38 4.30 0.00	62.67 4.69 0.00	64.80 4.27 -0.33	63.56 4.10 -0.07	72.02 5.03 0.00	91.57 7.56 0.00	114.53 9.34 -0.19	101.71 8.40 0.00	88.94 7.64 -0.01	72.14 4.97 0.00	65.30 4.73 0.00	56.57 4.72 0.00	53.73 4.39 0.00
SOUTH_FORK_WT_PWR 323839	46.52 2.63 0.00	42.34 2.40 0.00	40.93 1.80 0.00	39.28 1.73 0.00	40.53 2.18 0.00	47.22 2.80 0.00	59.69 1.90 0.00	71.57 3.30 -0.82	64.34 2.41 -0.01	62.53 2.86 -0.01	62.94 4.34 0.00	62.04 3.95 0.00	62.20 4.23 0.00	64.32 3.79 -0.33	63.03 3.56 -0.07	71.41 4.42 0.00	90.81 6.80 0.00	113.16 7.98 -0.19	100.59 7.28 0.00	87.88 6.58 -0.01	71.27 4.10 0.00	64.51 3.94 0.00	55.90 4.05 0.00	53.24 3.90 0.00
SPIERFLS_115KV_TB 1 80737	45.86 1.97 0.00	41.82 1.88 0.00	40.97 1.84 0.00	39.35 1.80 0.00	40.30 1.96 0.00	46.87 2.44 0.00	59.58 1.79 0.00	69.68 2.23 0.00	63.77 1.86 0.00	61.21 1.55 0.00	60.36 1.76 0.00	59.54 1.45 0.00	59.60 1.62 0.00	61.64 1.44 0.00	60.88 1.48 0.00	68.73 1.74 0.00	86.53 2.52 0.00	107.83 2.83 0.00	96.01 2.71 0.00	83.48 2.19 0.00	69.25 2.08 0.00	62.57 2.00 0.00	54.96 3.11 0.00	52.11 2.76 0.00
ST LAWRENCE____ 23600	44.32 0.44 0.00	40.35 0.40 0.00	39.56 0.43 0.00	37.93 0.38 0.00	38.54 0.19 0.00	44.51 0.09 0.00	57.96 0.17 0.00	67.45 0.00 0.00	62.10 0.19 0.00	59.90 0.24 0.00	58.67 0.06 0.00	58.14 0.06 0.00	58.03 0.06 0.00	60.25 0.06 0.00	59.46 0.06 0.00	67.06 0.07 0.00	84.01 0.00 0.00	104.79 -0.21 0.00	93.12 -0.19 0.00	81.05 -0.24 0.00	67.04 -0.13 0.00	60.33 -0.24 0.00	51.65 -0.21 0.00	49.19 -0.15 0.00

STATE_CA_115KV_115_LB 55624	44.37 0.48 0.00	40.47 0.52 0.00	39.68 0.55 0.00	38.11 0.56 0.00	38.96 0.61 0.00	45.18 0.76 0.00	58.71 0.92 0.00	68.67 1.21 0.00	62.85 0.93 0.00	60.49 0.84 0.00	59.60 1.00 0.00	58.90 0.81 0.00	58.96 0.99 0.00	61.21 1.02 0.00	60.53 1.13 0.00	68.33 1.34 0.00	85.77 1.76 0.00	106.57 1.57 0.00	94.80 1.49 0.00	82.51 1.22 0.00	68.38 1.21 0.00	61.66 1.09 0.00	52.84 0.99 0.00	50.18 0.84 0.00
STATE_ST_34_KV_LOAD 55959	43.53 -0.35 0.00	39.51 -0.44 0.00	38.82 -0.31 0.00	37.21 -0.34 0.00	38.11 -0.23 0.00	44.20 -0.22 0.00	57.44 -0.35 0.00	67.32 -0.13 0.00	61.79 -0.12 0.00	59.42 -0.24 0.00	58.43 -0.18 0.00	58.03 -0.06 0.00	57.80 -0.17 0.00	59.95 -0.24 0.00	59.04 -0.36 0.00	66.66 -0.33 0.00	83.67 -0.34 0.00	105.52 0.52 0.00	93.77 0.47 0.00	81.53 0.24 0.00	67.24 0.07 0.00	60.45 -0.12 0.00	51.70 -0.16 0.00	49.19 -0.15 0.00
STATION_5_MISC_HYD 23604	43.58 -0.31 0.00	39.31 -0.64 0.00	38.66 -0.47 0.00	37.06 -0.49 0.00	38.04 -0.31 0.00	43.53 -0.89 0.00	56.11 -1.68 0.00	65.49 -1.96 0.00	60.06 -1.86 0.00	58.40 -1.26 0.00	57.08 -1.52 0.00	56.86 -1.22 0.00	56.70 -1.28 0.00	58.44 -1.75 0.00	57.67 -1.72 0.00	64.24 -2.75 0.00	80.90 -3.11 0.00	102.58 -2.41 0.00	90.13 -3.17 0.00	78.85 -2.44 0.00	65.02 -2.15 0.00	58.88 -1.70 0.00	50.35 -1.51 0.00	48.55 -0.79 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.36 -0.53 0.00	39.23 -0.72 0.00	38.50 -0.63 0.00	36.91 -0.64 0.00	37.88 -0.46 0.00	43.62 -0.80 0.00	56.46 -1.33 0.00	65.97 -1.48 0.00	60.55 -1.36 0.00	58.64 -1.01 0.00	57.49 -1.11 0.00	57.33 -0.76 0.00	56.99 -0.99 0.00	58.81 -1.38 0.00	57.97 -1.43 0.00	65.25 -1.74 0.00	81.91 -2.10 0.00	103.52 -1.47 0.00	91.81 -1.49 0.00	79.83 -1.46 0.00	65.76 -1.41 0.00	59.24 -1.33 0.00	50.61 -1.24 0.00	48.50 -0.84 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.27 -0.61 0.00	39.11 -0.84 0.00	38.39 -0.74 0.00	36.80 -0.75 0.00	37.77 -0.58 0.00	43.27 -1.15 0.00	55.82 -1.96 0.00	65.09 -2.36 0.00	59.69 -2.23 0.00	57.99 -1.67 0.00	56.73 -1.88 0.00	56.69 -1.39 0.00	56.35 -1.62 0.00	58.08 -2.11 0.00	57.32 -2.08 0.00	64.31 -2.68 0.00	80.56 -3.44 0.00	102.16 -2.83 0.00	90.51 -2.80 0.00	78.69 -2.60 0.00	64.82 -2.35 0.00	58.51 -2.06 0.00	50.04 -1.81 0.00	48.21 -1.13 0.00
STA_56___34_KV_BUS2 355983	43.27 -0.61 0.00	39.11 -0.84 0.00	38.39 -0.74 0.00	36.80 -0.75 0.00	37.77 -0.58 0.00	43.27 -1.15 0.00	55.82 -1.96 0.00	65.09 -2.36 0.00	59.69 -2.23 0.00	57.99 -1.67 0.00	56.73 -1.88 0.00	56.69 -1.39 0.00	56.35 -1.62 0.00	58.08 -2.11 0.00	57.32 -2.08 0.00	64.31 -2.68 0.00	80.56 -3.44 0.00	102.16 -2.83 0.00	90.51 -2.80 0.00	78.69 -2.60 0.00	64.82 -2.35 0.00	58.51 -2.06 0.00	50.04 -1.81 0.00	48.21 -1.13 0.00
STA_67___115KV_BK2 355882	43.49 -0.39 0.00	39.31 -0.64 0.00	38.58 -0.55 0.00	36.99 -0.56 0.00	37.96 -0.38 0.00	43.45 -0.98 0.00	55.99 -1.79 0.00	65.36 -2.09 0.00	59.94 -1.98 0.00	58.28 -1.37 0.00	56.97 -1.64 0.00	56.92 -1.16 0.00	56.58 -1.39 0.00	58.32 -1.87 0.00	57.50 -1.90 0.00	64.51 -2.48 0.00	80.82 -3.19 0.00	102.48 -2.52 0.00	90.88 -2.43 0.00	79.01 -2.28 0.00	65.09 -2.08 0.00	58.76 -1.82 0.00	50.25 -1.61 0.00	48.45 -0.89 0.00
STA_7___115KV_9TRANS 80674	43.75 -0.13 0.00	39.55 -0.40 0.00	38.78 -0.35 0.00	37.17 -0.38 0.00	38.19 -0.15 0.00	43.71 -0.71 0.00	56.40 -1.39 0.00	65.83 -1.62 0.00	60.37 -1.55 0.00	58.70 -0.95 0.00	57.43 -1.17 0.00	57.45 -0.64 0.00	57.05 -0.93 0.00	58.75 -1.44 0.00	57.97 -1.43 0.00	64.98 -2.01 0.00	81.57 -2.44 0.00	103.42 -1.57 0.00	91.63 -1.68 0.00	79.75 -1.54 0.00	65.62 -1.54 0.00	59.18 -1.39 0.00	50.61 -1.24 0.00	48.75 -0.59 0.00
STA_82___115KV_TB1 80780	43.53 -0.35 0.00	39.31 -0.64 0.00	38.58 -0.55 0.00	36.99 -0.56 0.00	37.96 -0.38 0.00	43.45 -0.98 0.00	55.99 -1.79 0.00	65.29 -2.16 0.00	59.94 -1.98 0.00	58.22 -1.43 0.00	56.91 -1.70 0.00	56.87 -1.22 0.00	56.47 -1.51 0.00	58.26 -1.93 0.00	57.44 -1.96 0.00	64.45 -2.55 0.00	80.73 -3.28 0.00	102.37 -2.62 0.00	90.79 -2.52 0.00	78.93 -2.36 0.00	65.02 -2.15 0.00	58.70 -1.88 0.00	50.25 -1.61 0.00	48.40 -0.94 0.00
STEEL___WIND 323596	43.62 -0.26 0.00	39.27 -0.68 0.00	38.66 -0.47 0.00	37.02 -0.53 0.00	38.00 -0.35 0.00	43.18 -1.24 0.00	55.07 -2.71 0.00	63.81 -3.64 0.00	58.57 -3.34 0.00	57.09 -2.56 0.00	55.38 -3.22 0.00	55.18 -2.90 0.00	54.96 -3.02 0.00	56.64 -3.55 0.00	55.89 -3.50 0.00	61.77 -5.23 0.00	77.37 -6.64 0.00	99.22 -5.77 0.00	86.96 -6.35 0.00	75.92 -5.37 0.00	62.80 -4.36 0.00	57.06 -3.51 0.00	49.00 -2.85 0.00	47.66 -1.68 0.00
STEPHTWN_115KV_BK_2 55603	44.54 0.66 0.00	40.63 0.68 0.00	39.80 0.67 0.00	38.23 0.68 0.00	39.11 0.77 0.00	45.40 0.98 0.00	59.00 1.21 0.00	69.07 1.62 0.00	63.16 1.24 0.00	60.79 1.13 0.00	59.90 1.29 0.00	59.13 1.05 0.00	59.13 1.16 0.00	61.45 1.26 0.00	60.70 1.31 0.00	68.67 1.67 0.00	86.19 2.18 0.00	107.20 2.20 0.00	95.36 2.05 0.00	83.00 1.71 0.00	68.78 1.61 0.00	61.97 1.39 0.00	53.10 1.24 0.00	50.43 1.09 0.00
STEUBEN_REC_LFGE 323667	44.10 0.22 0.00	39.83 -0.12 0.00	39.25 0.12 0.00	37.48 -0.08 0.00	38.42 0.08 0.00	44.25 -0.18 0.00	56.75 -1.04 0.00	66.24 -1.21 0.00	60.37 -1.55 0.00	58.16 -1.49 0.00	56.38 -2.23 0.00	56.34 -1.74 0.00	55.60 -2.38 0.00	57.30 -2.89 0.00	56.31 -3.09 0.00	62.84 -4.15 0.00	78.21 -5.80 0.00	100.59 -4.41 0.00	89.29 -4.01 0.00	77.55 -3.74 0.00	64.08 -3.09 0.00	57.79 -2.79 0.00	49.57 -2.28 0.00	47.76 -1.58 0.00
STILLWATER___SOLAR 323814	45.38 1.49 0.00	41.38 1.44 0.00	40.54 1.41 0.00	38.94 1.39 0.00	39.84 1.49 0.00	46.33 1.91 0.00	60.33 2.54 0.00	70.01 2.56 0.00	63.90 1.98 0.00	61.39 1.73 0.00	60.48 1.87 0.00	59.77 1.69 0.00	59.77 1.80 0.00	61.99 1.80 0.00	61.30 1.90 0.00	69.34 2.34 0.00	86.87 2.86 0.00	108.57 3.57 0.00	96.66 3.35 0.00	84.06 2.77 0.00	69.52 2.35 0.00	62.75 2.18 0.00	54.19 2.34 0.00	51.46 2.12 0.00
STONY___BROOK 24151	46.25 2.37 0.00	42.02 2.08 0.00	40.70 1.57 0.00	39.09 1.54 0.00	40.18 1.84 0.00	46.86 2.44 0.00	59.46 1.68 0.00	70.93 2.83 -0.65	63.97 2.04 -0.01	61.87 2.21 -0.01	62.06 3.46 0.00	61.69 3.60 0.00	62.03 4.06 0.00	64.25 3.79 -0.26	63.19 3.74 -0.05	71.55 4.56 0.00	90.81 6.80 0.00	113.84 8.71 -0.14	101.42 8.11 0.00	88.69 7.40 -0.01	72.21 5.04 0.00	65.42 4.85 0.00	56.88 5.03 0.00	53.63 4.29 0.00
STURGEON_POOL_HYD 23609	45.24 1.36 0.00	41.23 1.28 0.00	40.19 1.06 0.00	38.64 1.09 0.00	39.49 1.15 0.00	46.02 1.60 0.00	59.98 2.20 0.00	70.28 2.83 0.00	64.39 2.48 0.00	62.10 2.45 0.00	61.07 2.46 0.00	60.58 2.50 0.00	60.47 2.49 0.00	62.84 2.65 0.00	61.95 2.55 0.00	69.74 2.75 0.00	87.62 3.61 0.00	109.61 4.62 0.00	97.69 4.39 0.00	85.11 3.82 0.00	69.99 2.82 0.00	63.48 2.91 0.00	54.50 2.64 0.00	51.66 2.32 0.00

ST_LAW_115_BK7_LBMP 345037	44.37 0.48 0.00	40.39 0.44 0.00	39.60 0.47 0.00	37.96 0.41 0.00	38.57 0.23 0.00	44.56 0.13 0.00	58.08 0.29 0.00	67.52 0.07 0.00	62.17 0.25 0.00	59.96 0.30 0.00	58.72 0.12 0.00	58.20 0.12 0.00	58.09 0.12 0.00	60.31 0.12 0.00	59.52 0.12 0.00	67.13 0.13 0.00	84.01 0.00 0.00	104.89 -0.10 0.00	93.12 -0.19 0.00	81.13 -0.16 0.00	67.04 -0.13 0.00	60.39 -0.18 0.00	51.70 -0.16 0.00	49.24 -0.10 0.00
ST_LAW_115_BK8_LBMP 345038	44.37 0.48 0.00	40.39 0.44 0.00	39.60 0.47 0.00	37.96 0.41 0.00	38.57 0.23 0.00	44.56 0.13 0.00	58.08 0.29 0.00	67.52 0.07 0.00	62.17 0.25 0.00	59.96 0.30 0.00	58.72 0.12 0.00	58.20 0.12 0.00	58.09 0.12 0.00	60.31 0.12 0.00	59.52 0.12 0.00	67.13 0.13 0.00	84.01 0.00 0.00	104.89 -0.10 0.00	93.12 -0.19 0.00	81.13 -0.16 0.00	67.04 -0.13 0.00	60.39 -0.18 0.00	51.70 -0.16 0.00	49.24 -0.10 0.00
ST_LAW_230_BK5_LBMP 345035	44.32 0.44 0.00	40.35 0.40 0.00	39.56 0.43 0.00	37.93 0.38 0.00	38.54 0.19 0.00	44.51 0.09 0.00	57.96 0.17 0.00	67.45 0.00 0.00	62.10 0.19 0.00	59.90 0.24 0.00	58.67 0.06 0.00	58.14 0.06 0.00	58.03 0.06 0.00	60.25 0.06 0.00	59.46 0.06 0.00	67.06 0.07 0.00	84.01 0.00 0.00	104.79 -0.21 0.00	93.12 -0.19 0.00	81.05 -0.24 0.00	67.04 -0.13 0.00	60.33 -0.24 0.00	51.65 -0.21 0.00	49.19 -0.15 0.00
ST_LAW_230_BK6_LBMP 345036	44.32 0.44 0.00	40.35 0.40 0.00	39.56 0.43 0.00	37.93 0.38 0.00	38.54 0.19 0.00	44.51 0.09 0.00	57.96 0.17 0.00	67.45 0.00 0.00	62.10 0.19 0.00	59.90 0.24 0.00	58.67 0.06 0.00	58.14 0.06 0.00	58.03 0.06 0.00	60.25 0.06 0.00	59.46 0.06 0.00	67.06 0.07 0.00	84.01 0.00 0.00	104.79 -0.21 0.00	93.12 -0.19 0.00	81.05 -0.24 0.00	67.04 -0.13 0.00	60.33 -0.24 0.00	51.65 -0.21 0.00	49.19 -0.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.24 1.36 0.00	41.23 1.28 0.00	40.23 1.10 0.00	38.64 1.09 0.00	39.53 1.19 0.00	46.07 1.64 0.00	59.92 2.14 0.00	70.28 2.83 0.00	64.39 2.48 0.00	62.10 2.45 0.00	61.13 2.52 0.00	60.64 2.56 0.00	60.53 2.55 0.00	62.84 2.65 0.00	61.95 2.55 0.00	69.74 2.75 0.00	87.54 3.53 0.00	109.51 4.51 0.00	97.51 4.20 0.00	84.95 3.66 0.00	69.99 2.82 0.00	63.42 2.85 0.00	54.39 2.54 0.00	51.61 2.27 0.00
SWANROAD_115KV_TB1 355699	42.66 -1.23 0.00	38.43 -1.52 0.00	37.76 -1.37 0.00	36.16 -1.39 0.00	37.12 -1.23 0.00	41.98 -2.44 0.00	53.34 -4.45 0.00	61.72 -5.73 0.00	56.65 -5.26 0.00	55.30 -4.35 0.00	53.74 -4.86 0.00	53.85 -4.24 0.00	53.34 -4.64 0.00	54.89 -5.30 0.00	54.29 -5.11 0.00	60.63 -6.36 0.00	75.35 -8.65 0.00	96.39 -8.61 0.00	85.56 -7.74 0.00	74.30 -6.99 0.00	61.33 -5.84 0.00	55.43 -5.15 0.00	47.65 -4.20 0.00	46.48 -2.86 0.00
SYNERGY___BIOGAS 323694	44.06 0.18 0.00	39.71 -0.24 0.00	39.01 -0.12 0.00	37.36 -0.19 0.00	38.42 0.08 0.00	43.67 -0.76 0.00	56.05 -1.73 0.00	65.09 -2.36 0.00	59.63 -2.29 0.00	58.10 -1.55 0.00	56.50 -2.11 0.00	56.58 -1.51 0.00	56.06 -1.91 0.00	57.60 -2.59 0.00	56.84 -2.55 0.00	63.64 -3.35 0.00	79.64 -4.37 0.00	102.06 -2.94 0.00	90.41 -2.89 0.00	78.61 -2.68 0.00	64.68 -2.49 0.00	58.39 -2.18 0.00	49.99 -1.87 0.00	48.55 -0.79 0.00
SYRACUSE___ENERGY_ST1 323597	43.23 -0.66 0.00	39.31 -0.64 0.00	38.58 -0.55 0.00	36.99 -0.56 0.00	37.88 -0.46 0.00	43.93 -0.49 0.00	57.03 -0.75 0.00	66.84 -0.61 0.00	61.36 -0.56 0.00	59.06 -0.60 0.00	58.14 -0.47 0.00	57.68 -0.41 0.00	57.51 -0.46 0.00	59.65 -0.54 0.00	58.74 -0.65 0.00	66.32 -0.67 0.00	83.17 -0.84 0.00	104.47 -0.52 0.00	92.84 -0.47 0.00	80.80 -0.49 0.00	66.70 -0.47 0.00	60.03 -0.55 0.00	51.39 -0.47 0.00	48.85 -0.49 0.00
SYRACUSE___ENERGY_ST2 323598	43.23 -0.66 0.00	39.31 -0.64 0.00	38.58 -0.55 0.00	36.99 -0.56 0.00	37.88 -0.46 0.00	43.93 -0.49 0.00	57.03 -0.75 0.00	66.84 -0.61 0.00	61.36 -0.56 0.00	59.06 -0.60 0.00	58.14 -0.47 0.00	57.68 -0.41 0.00	57.51 -0.46 0.00	59.65 -0.54 0.00	58.74 -0.65 0.00	66.32 -0.67 0.00	83.17 -0.84 0.00	104.47 -0.52 0.00	92.84 -0.47 0.00	80.80 -0.49 0.00	66.70 -0.47 0.00	60.03 -0.55 0.00	51.39 -0.47 0.00	48.85 -0.49 0.00
SYRACUSE___POWER 24017	43.23 -0.66 0.00	39.27 -0.68 0.00	38.54 -0.59 0.00	36.95 -0.60 0.00	37.84 -0.50 0.00	43.89 -0.53 0.00	56.98 -0.81 0.00	66.78 -0.67 0.00	61.30 -0.62 0.00	59.00 -0.66 0.00	58.02 -0.59 0.00	57.56 -0.52 0.00	57.40 -0.58 0.00	59.53 -0.66 0.00	58.68 -0.71 0.00	66.19 -0.80 0.00	83.00 -1.01 0.00	104.36 -0.63 0.00	92.75 -0.56 0.00	80.72 -0.57 0.00	66.56 -0.60 0.00	59.97 -0.61 0.00	51.33 -0.52 0.00	48.80 -0.54 0.00
TALLMAN__138KV_BK151 55660	45.42 1.54 0.00	41.35 1.40 0.00	40.34 1.21 0.00	38.75 1.20 0.00	39.65 1.30 0.00	46.24 1.82 0.00	60.27 2.48 0.00	70.69 3.24 0.00	64.76 2.85 0.00	62.46 2.80 0.00	61.54 2.93 0.00	61.05 2.96 0.00	60.99 3.01 0.00	63.26 3.07 0.00	62.37 2.97 0.00	70.21 3.22 0.00	88.12 4.12 0.00	110.14 5.14 0.00	98.07 4.76 0.00	85.52 4.23 0.00	70.39 3.22 0.00	63.78 3.21 0.00	54.76 2.90 0.00	51.91 2.57 0.00
TEALLAVE_115KV_TB7 355573	43.05 -0.83 0.00	39.15 -0.80 0.00	38.39 -0.74 0.00	36.84 -0.71 0.00	37.69 -0.65 0.00	43.67 -0.76 0.00	56.69 -1.10 0.00	66.37 -1.08 0.00	60.93 -0.99 0.00	58.70 -0.95 0.00	57.73 -0.88 0.00	57.33 -0.76 0.00	57.11 -0.87 0.00	59.23 -0.96 0.00	58.39 -1.01 0.00	65.85 -1.14 0.00	82.58 -1.43 0.00	103.63 -1.36 0.00	92.09 -1.21 0.00	80.15 -1.14 0.00	66.16 -1.01 0.00	59.61 -0.97 0.00	51.08 -0.78 0.00	48.60 -0.74 0.00
TELGRAPH_34_KV_EAST 80808	43.49 -0.39 0.00	39.19 -0.76 0.00	38.50 -0.63 0.00	36.87 -0.68 0.00	37.92 -0.42 0.00	42.96 -1.47 0.00	54.90 -2.89 0.00	63.67 -3.78 0.00	58.39 -3.53 0.00	56.91 -2.74 0.00	55.32 -3.28 0.00	55.47 -2.61 0.00	54.96 -3.01 0.00	56.52 -3.67 0.00	55.83 -3.56 0.00	62.44 -4.56 0.00	77.79 -6.22 0.00	99.64 -5.35 0.00	88.36 -4.95 0.00	76.74 -4.55 0.00	63.21 -3.96 0.00	57.12 -3.45 0.00	49.00 -2.85 0.00	47.66 -1.68 0.00
TEMPLE___115KV_TB 2 55572	43.05 -0.83 0.00	39.15 -0.80 0.00	38.43 -0.70 0.00	36.84 -0.71 0.00	37.69 -0.65 0.00	43.71 -0.71 0.00	56.69 -1.10 0.00	66.44 -1.01 0.00	60.99 -0.93 0.00	58.70 -0.95 0.00	57.79 -0.82 0.00	57.33 -0.76 0.00	57.16 -0.81 0.00	59.29 -0.90 0.00	58.45 -0.95 0.00	65.92 -1.07 0.00	82.66 -1.34 0.00	103.73 -1.26 0.00	92.19 -1.12 0.00	80.23 -1.06 0.00	66.23 -0.94 0.00	59.61 -0.97 0.00	51.08 -0.78 0.00	48.60 -0.74 0.00
TIANA____69_KV_BK 1 55817	46.56 2.68 0.00	42.30 2.36 0.00	40.93 1.80 0.00	39.32 1.76 0.00	40.49 2.15 0.00	47.13 2.71 0.00	59.98 2.20 0.00	71.64 3.37 -0.82	64.16 2.23 -0.01	62.11 2.45 -0.01	62.42 3.81 0.00	61.69 3.60 0.00	62.44 4.46 0.00	64.67 4.15 -0.33	63.50 4.04 -0.07	70.94 3.95 0.00	87.79 3.78 0.00	110.02 4.83 -0.19	97.79 4.48 0.00	85.53 4.23 -0.01	69.86 2.69 0.00	64.33 3.76 0.00	56.57 4.72 0.00	53.44 4.10 0.00

TILDEN___115KV_TB1 80814	43.23 -0.66 0.00	39.27 -0.68 0.00	38.54 -0.59 0.00	36.95 -0.60 0.00	37.84 -0.50 0.00	43.89 -0.53 0.00	56.98 -0.81 0.00	66.78 -0.67 0.00	61.30 -0.62 0.00	59.00 -0.66 0.00	58.02 -0.59 0.00	57.56 -0.52 0.00	57.40 -0.58 0.00	59.53 -0.66 0.00	58.68 -0.71 0.00	66.19 -0.80 0.00	83.00 -1.01 0.00	104.36 -0.63 0.00	92.75 -0.56 0.00	80.72 -0.57 0.00	66.56 -0.60 0.00	59.97 -0.61 0.00	51.33 -0.52 0.00	48.80 -0.54 0.00
TRIGEN___CC 323695	45.95 2.06 0.00	41.74 1.80 0.00	40.54 1.41 0.00	38.90 1.35 0.00	39.95 1.61 0.00	46.56 2.13 0.00	59.69 1.91 0.00	70.22 2.77 0.00	64.21 2.29 0.00	62.04 2.39 0.00	61.89 3.28 0.00	61.40 3.31 0.00	61.63 3.65 0.00	63.68 3.49 0.00	62.78 3.39 0.00	70.41 3.42 0.00	87.79 3.78 0.00	109.72 4.72 0.00	97.79 4.48 0.00	85.44 4.15 0.00	70.12 2.96 0.00	63.97 3.39 0.00	55.85 3.99 0.00	52.80 3.45 0.00
TRINITY___115KV___4 BK 55933	44.24 0.35 0.00	40.35 0.40 0.00	39.52 0.39 0.00	37.96 0.41 0.00	38.84 0.50 0.00	45.04 0.62 0.00	58.48 0.69 0.00	68.40 0.94 0.00	62.54 0.62 0.00	60.25 0.60 0.00	59.31 0.70 0.00	58.61 0.52 0.00	58.61 0.64 0.00	60.91 0.72 0.00	60.23 0.83 0.00	68.06 1.07 0.00	85.35 1.34 0.00	105.83 0.84 0.00	94.24 0.93 0.00	82.10 0.81 0.00	68.11 0.94 0.00	61.36 0.79 0.00	52.63 0.78 0.00	49.98 0.64 0.00
UNION___PROCESSING_DRP 323587	43.53 -0.35 0.00	39.31 -0.64 0.00	38.58 -0.55 0.00	36.99 -0.56 0.00	38.00 -0.35 0.00	43.45 -0.98 0.00	55.99 -1.79 0.00	65.36 -2.09 0.00	59.94 -1.98 0.00	58.22 -1.43 0.00	56.97 -1.64 0.00	56.92 -1.16 0.00	56.53 -1.45 0.00	58.26 -1.93 0.00	57.50 -1.90 0.00	64.45 -2.55 0.00	80.73 -3.28 0.00	102.48 -2.52 0.00	90.79 -2.52 0.00	79.01 -2.28 0.00	65.02 -2.15 0.00	58.70 -1.88 0.00	50.25 -1.61 0.00	48.45 -0.89 0.00
UPPER HUDSON___HYD 24058	45.86 1.98 0.00	41.83 1.88 0.00	40.97 1.84 0.00	39.35 1.80 0.00	40.30 1.95 0.00	46.91 2.49 0.00	61.14 3.35 0.00	69.81 2.36 0.00	63.77 1.86 0.00	61.20 1.55 0.00	60.36 1.76 0.00	59.54 1.45 0.00	59.60 1.62 0.00	61.63 1.44 0.00	60.88 1.49 0.00	68.80 1.81 0.00	86.36 2.35 0.00	107.93 2.94 0.00	96.10 2.80 0.00	83.49 2.20 0.00	69.18 2.01 0.00	62.57 2.00 0.00	54.96 3.11 0.00	52.10 2.76 0.00
UPPER RAQUET___HYD 24056	45.20 1.32 0.00	41.11 1.16 0.00	40.34 1.21 0.00	38.64 1.09 0.00	39.23 0.88 0.00	45.31 0.89 0.00	59.17 1.38 0.00	68.80 1.35 0.00	63.28 1.36 0.00	60.85 1.19 0.00	59.60 1.00 0.00	59.07 0.99 0.00	58.96 0.98 0.00	61.09 0.90 0.00	60.05 0.65 0.00	67.26 0.27 0.00	84.09 0.08 0.00	104.99 0.00 0.00	93.12 -0.19 0.00	81.37 0.08 0.00	67.44 0.27 0.00	61.06 0.48 0.00	52.42 0.57 0.00	49.94 0.59 0.00
VALLEY44_115KV_TB2 355964	43.31 -0.57 0.00	39.15 -0.80 0.00	38.50 -0.63 0.00	36.84 -0.71 0.00	37.84 -0.50 0.00	43.22 -1.20 0.00	55.53 -2.25 0.00	64.55 -2.90 0.00	59.25 -2.66 0.00	57.39 -2.27 0.00	55.56 -3.05 0.00	55.82 -2.27 0.00	55.13 -2.84 0.00	56.76 -3.43 0.00	56.07 -3.33 0.00	62.64 -4.35 0.00	78.04 -5.96 0.00	100.48 -4.51 0.00	89.11 -4.20 0.00	77.23 -4.06 0.00	63.74 -3.43 0.00	57.49 -3.09 0.00	49.36 -2.49 0.00	47.86 -1.48 0.00
VALLEY___115KV_TB 1-4 80826	45.38 1.49 0.00	41.31 1.36 0.00	40.46 1.33 0.00	38.83 1.28 0.00	39.76 1.42 0.00	46.07 1.64 0.00	59.98 2.20 0.00	70.15 2.70 0.00	64.39 2.48 0.00	61.92 2.27 0.00	61.13 2.52 0.00	60.58 2.50 0.00	60.35 2.38 0.00	62.60 2.41 0.00	61.65 2.26 0.00	69.34 2.34 0.00	87.03 3.02 0.00	108.88 3.88 0.00	96.67 3.36 0.00	84.22 2.93 0.00	69.59 2.42 0.00	62.94 2.36 0.00	53.82 1.97 0.00	51.27 1.92 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	45.20 1.32 0.00	41.19 1.24 0.00	40.26 1.13 0.00	38.64 1.09 0.00	39.65 1.30 0.00	46.16 1.73 0.00	60.10 2.31 0.00	70.49 3.04 0.00	64.76 2.85 0.00	62.16 2.51 0.00	61.42 2.81 0.00	60.87 2.79 0.00	60.53 2.55 0.00	62.78 2.59 0.00	61.83 2.44 0.00	69.81 2.81 0.00	87.70 3.70 0.00	109.93 4.93 0.00	97.41 4.11 0.00	84.87 3.58 0.00	69.99 2.82 0.00	63.24 2.67 0.00	54.03 2.18 0.00	51.41 2.07 0.00
VISCHER___FERRY HYD 24020	44.76 0.88 0.00	40.83 0.88 0.00	39.99 0.86 0.00	38.45 0.90 0.00	39.30 0.96 0.00	45.66 1.24 0.00	59.46 1.68 0.00	69.34 1.89 0.00	63.28 1.36 0.00	60.91 1.25 0.00	60.01 1.40 0.00	59.25 1.16 0.00	59.25 1.27 0.00	61.58 1.39 0.00	60.94 1.54 0.00	68.94 1.94 0.00	86.02 2.01 0.00	107.30 2.31 0.00	95.54 2.24 0.00	83.16 1.87 0.00	68.91 1.74 0.00	62.03 1.45 0.00	53.30 1.45 0.00	50.67 1.33 0.00
V_A_10_SYNC_DSASP 323832	43.14 -0.75 0.00	38.91 -1.04 0.00	38.23 -0.90 0.00	36.61 -0.94 0.00	37.58 -0.77 0.00	42.69 -1.73 0.00	54.55 -3.24 0.00	63.27 -4.18 0.00	58.08 -3.84 0.00	56.55 -3.10 0.00	55.09 -3.52 0.00	55.12 -2.96 0.00	54.67 -3.30 0.00	56.34 -3.85 0.00	55.65 -3.74 0.00	62.30 -4.69 0.00	77.62 -6.38 0.00	98.80 -6.19 0.00	87.80 -5.51 0.00	76.25 -5.04 0.00	62.94 -4.23 0.00	56.82 -3.76 0.00	48.79 -3.06 0.00	47.37 -1.97 0.00
V_CMM_10_SYNC_DSASP 323787	44.59 0.70 0.00	40.59 0.64 0.00	39.80 0.67 0.00	38.15 0.60 0.00	38.80 0.46 0.00	44.87 0.44 0.00	58.42 0.64 0.00	67.86 0.40 0.00	62.47 0.56 0.00	60.31 0.66 0.00	59.02 0.41 0.00	58.49 0.41 0.00	58.44 0.46 0.00	60.61 0.42 0.00	59.87 0.48 0.00	67.46 0.47 0.00	84.43 0.42 0.00	105.62 0.63 0.00	93.59 0.28 0.00	81.53 0.24 0.00	67.37 0.20 0.00	60.82 0.24 0.00	51.96 0.10 0.00	49.49 0.15 0.00
V_CMP_10_SYNC_DSASP 323788	44.85 0.97 0.00	40.79 0.84 0.00	40.03 0.90 0.00	38.30 0.75 0.00	38.88 0.54 0.00	44.60 0.18 0.00	57.21 -0.58 0.00	66.04 -1.42 0.00	60.93 -0.99 0.00	58.82 -0.84 0.00	57.61 -1.00 0.00	57.04 -1.05 0.00	57.05 -0.93 0.00	59.05 -1.14 0.00	58.33 -1.07 0.00	65.72 -1.27 0.00	82.16 -1.85 0.00	102.79 -2.20 0.00	90.79 -2.52 0.00	78.93 -2.36 0.00	65.09 -2.08 0.00	58.64 -1.94 0.00	50.40 -1.45 0.00	48.26 -1.09 0.00
V_D_10_SYNC_DSASP 323841	45.03 1.14 0.00	40.99 1.04 0.00	40.19 1.06 0.00	38.53 0.98 0.00	39.15 0.81 0.00	45.31 0.89 0.00	59.06 1.27 0.00	68.53 1.08 0.00	63.09 1.18 0.00	60.85 1.19 0.00	59.54 0.94 0.00	59.07 0.99 0.00	59.02 1.04 0.00	61.15 0.96 0.00	60.35 0.95 0.00	67.93 0.94 0.00	85.02 1.01 0.00	106.46 1.47 0.00	94.24 0.93 0.00	82.18 0.89 0.00	67.91 0.74 0.00	61.36 0.79 0.00	52.42 0.57 0.00	49.93 0.59 0.00
V_E_10_SYNC_DSASP 323830	46.21 2.33 0.00	42.02 2.08 0.00	41.20 2.07 0.00	39.47 1.92 0.00	40.72 2.38 0.00	47.58 3.15 0.00	62.24 4.45 0.00	73.25 5.80 0.00	67.12 5.20 0.00	63.77 4.12 0.00	62.94 4.34 0.00	62.38 4.30 0.00	61.74 3.77 0.00	63.92 3.73 0.00	62.84 3.44 0.00	71.01 4.02 0.00	89.97 5.96 0.00	114.97 9.97 0.00	101.52 8.21 0.00	88.20 6.91 0.00	72.41 5.24 0.00	65.00 4.42 0.00	55.17 3.32 0.00	52.55 3.21 0.00

V_F_30_NSYNC___DSASP 323816	45.42 1.54 0.00	41.43 1.48 0.00	40.58 1.45 0.00	38.98 1.43 0.00	39.88 1.53 0.00	46.33 1.91 0.00	59.87 2.08 0.00	70.01 2.56 0.00	64.02 2.11 0.00	61.51 1.85 0.00	60.60 1.99 0.00	59.83 1.74 0.00	59.89 1.91 0.00	62.12 1.93 0.00	61.42 2.02 0.00	69.40 2.41 0.00	87.28 3.28 0.00	108.56 3.57 0.00	96.67 3.36 0.00	84.05 2.76 0.00	69.72 2.55 0.00	62.88 2.30 0.00	54.29 2.44 0.00	51.51 2.17 0.00
V_F_30_SYNC_DSASP 323786	44.37 0.48 0.00	40.47 0.52 0.00	39.68 0.55 0.00	38.11 0.56 0.00	38.96 0.61 0.00	45.18 0.76 0.00	58.71 0.92 0.00	68.67 1.21 0.00	62.85 0.93 0.00	60.49 0.84 0.00	59.60 1.00 0.00	58.90 0.81 0.00	58.96 0.99 0.00	61.21 1.02 0.00	60.53 1.13 0.00	68.33 1.34 0.00	85.77 1.76 0.00	106.46 1.47 0.00	94.80 1.49 0.00	82.51 1.22 0.00	68.38 1.21 0.00	61.66 1.09 0.00	52.84 0.99 0.00	50.18 0.84 0.00
V_XM_10_SYNC_DSASP 323789	44.85 0.97 0.00	40.79 0.84 0.00	40.03 0.90 0.00	38.30 0.75 0.00	38.88 0.54 0.00	44.60 0.18 0.00	57.21 -0.58 0.00	66.04 -1.42 0.00	60.93 -0.99 0.00	58.82 -0.84 0.00	57.61 -1.00 0.00	57.04 -1.05 0.00	57.05 -0.93 0.00	59.05 -1.14 0.00	58.33 -1.07 0.00	65.72 -1.27 0.00	82.16 -1.85 0.00	102.79 -2.20 0.00	90.79 -2.52 0.00	78.93 -2.36 0.00	65.09 -2.08 0.00	58.64 -1.94 0.00	50.40 -1.45 0.00	48.26 -1.09 0.00
W.BABYLN_69_KV_BK1 56697	46.56 2.68 0.00	42.30 2.36 0.00	41.01 1.88 0.00	39.39 1.84 0.00	40.49 2.15 0.00	47.13 2.71 0.00	60.27 2.48 0.00	71.38 3.64 -0.29	64.77 2.85 0.00	62.58 2.92 0.00	62.65 4.04 0.00	62.15 4.07 0.00	62.55 4.58 0.00	64.70 4.39 -0.12	63.76 4.34 -0.02	71.35 4.35 0.00	88.80 4.79 0.00	111.24 6.19 -0.05	99.00 5.69 0.00	86.74 5.45 0.00	71.00 3.83 0.00	64.94 4.36 0.00	56.93 5.08 0.00	53.73 4.39 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.60 1.71 0.00	41.51 1.56 0.00	40.50 1.37 0.00	38.90 1.35 0.00	39.80 1.46 0.00	46.38 1.95 0.00	60.56 2.77 0.00	71.03 3.57 0.00	65.07 3.16 0.00	62.76 3.10 0.00	61.83 3.22 0.00	61.34 3.25 0.00	61.28 3.30 0.00	63.62 3.43 0.00	62.66 3.27 0.00	70.54 3.55 0.00	88.54 4.54 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.00 4.71 0.00	70.73 3.56 0.00	64.09 3.51 0.00	55.02 3.16 0.00	52.15 2.81 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.90 2.02 0.00	41.78 1.84 0.00	40.70 1.57 0.00	39.05 1.50 0.00	39.99 1.65 0.00	46.69 2.27 0.00	60.85 3.06 0.00	71.36 3.91 0.00	65.38 3.47 0.00	63.18 3.52 0.00	62.24 3.63 0.00	61.69 3.60 0.00	61.69 3.71 0.00	63.98 3.79 0.00	63.02 3.62 0.00	70.94 3.95 0.00	88.96 4.96 0.00	111.19 6.19 0.00	98.90 5.60 0.00	86.17 4.88 0.00	71.00 3.83 0.00	64.33 3.76 0.00	55.28 3.42 0.00	52.40 3.06 0.00
W50THST__13_KV_LOAD 356117	46.08 2.19 0.00	41.90 1.96 0.00	40.85 1.72 0.00	39.16 1.61 0.00	40.15 1.80 0.00	46.87 2.44 0.00	61.08 3.29 0.00	71.70 4.25 0.00	65.69 3.78 0.00	63.47 3.82 0.00	62.53 3.93 0.00	62.04 3.95 0.00	61.98 4.00 0.00	64.28 4.09 0.00	63.32 3.92 0.00	71.28 4.29 0.00	89.38 5.38 0.00	111.71 6.72 0.00	99.37 6.06 0.00	86.57 5.28 0.00	71.27 4.10 0.00	64.57 4.00 0.00	55.48 3.63 0.00	52.60 3.26 0.00
WADING RIVER_IC_1 23522	46.43 2.54 0.00	42.14 2.20 0.00	40.81 1.68 0.00	39.20 1.65 0.00	40.34 1.99 0.00	47.00 2.58 0.00	59.63 1.85 0.00	71.38 3.10 -0.82	63.78 1.86 -0.01	61.70 2.03 -0.01	61.95 3.34 0.00	61.45 3.37 0.00	62.20 4.23 0.00	64.43 3.91 -0.33	63.32 3.86 -0.07	71.75 4.76 0.00	91.14 7.14 0.00	114.32 9.13 -0.20	101.71 8.40 0.00	89.03 7.73 -0.01	72.41 5.24 0.00	65.60 5.02 0.00	56.94 5.08 0.00	53.73 4.39 0.00
WADING RIVER_IC_2 23547	46.43 2.54 0.00	42.14 2.20 0.00	40.81 1.68 0.00	39.20 1.65 0.00	40.34 1.99 0.00	47.00 2.58 0.00	59.63 1.85 0.00	71.38 3.10 -0.82	63.78 1.86 -0.01	61.70 2.03 -0.01	61.95 3.34 0.00	61.45 3.37 0.00	62.20 4.23 0.00	64.43 3.91 -0.33	63.32 3.86 -0.07	71.75 4.76 0.00	91.14 7.14 0.00	114.32 9.13 -0.20	101.71 8.40 0.00	89.03 7.73 -0.01	72.41 5.24 0.00	65.60 5.02 0.00	56.94 5.08 0.00	53.73 4.39 0.00
WADING RIVER_IC_3 23601	46.43 2.54 0.00	42.14 2.20 0.00	40.81 1.68 0.00	39.20 1.65 0.00	40.34 1.99 0.00	47.00 2.58 0.00	59.63 1.85 0.00	71.38 3.10 -0.82	63.78 1.86 -0.01	61.70 2.03 -0.01	61.95 3.34 0.00	61.45 3.37 0.00	62.20 4.23 0.00	64.43 3.91 -0.33	63.32 3.86 -0.07	71.75 4.76 0.00	91.14 7.14 0.00	114.32 9.13 -0.20	101.71 8.40 0.00	89.03 7.73 -0.01	72.41 5.24 0.00	65.60 5.02 0.00	56.94 5.08 0.00	53.73 4.39 0.00
WALDENNY_12_KV_BK2 80841	43.66 -0.22 0.00	39.35 -0.60 0.00	38.70 -0.43 0.00	37.02 -0.53 0.00	38.04 -0.31 0.00	43.13 -1.29 0.00	55.07 -2.72 0.00	63.74 -3.71 0.00	58.64 -3.28 0.00	57.09 -2.57 0.00	55.44 -3.16 0.00	55.59 -2.50 0.00	55.02 -2.96 0.00	56.70 -3.49 0.00	55.95 -3.44 0.00	62.57 -4.42 0.00	77.71 -6.30 0.00	99.75 -5.25 0.00	88.36 -4.95 0.00	76.66 -4.63 0.00	63.21 -3.96 0.00	57.06 -3.51 0.00	49.05 -2.80 0.00	47.71 -1.63 0.00
WALDEN___HYDRO 24148	45.38 1.49 0.00	41.35 1.40 0.00	40.34 1.21 0.00	38.75 1.20 0.00	39.65 1.30 0.00	46.20 1.78 0.00	60.16 2.37 0.00	70.55 3.10 0.00	64.64 2.72 0.00	62.28 2.62 0.00	61.30 2.70 0.00	60.82 2.73 0.00	60.70 2.72 0.00	63.02 2.83 0.00	62.13 2.73 0.00	70.01 3.01 0.00	87.87 3.86 0.00	110.03 5.04 0.00	97.97 4.67 0.00	85.35 4.06 0.00	70.19 3.02 0.00	63.66 3.09 0.00	54.60 2.75 0.00	51.81 2.47 0.00
WARRENSBURG____ 23737	45.86 1.97 0.00	41.82 1.88 0.00	40.97 1.84 0.00	39.35 1.80 0.00	40.30 1.96 0.00	46.87 2.44 0.00	59.58 1.79 0.00	69.68 2.23 0.00	63.77 1.86 0.00	61.21 1.55 0.00	60.36 1.76 0.00	59.54 1.45 0.00	59.60 1.62 0.00	61.64 1.44 0.00	60.88 1.48 0.00	68.73 1.74 0.00	86.53 2.52 0.00	107.83 2.83 0.00	96.01 2.71 0.00	83.48 2.19 0.00	69.25 2.08 0.00	62.57 2.00 0.00	54.96 3.11 0.00	52.11 2.76 0.00
WATERSIDE___6 8 9 23538	46.22 2.33 -0.01	42.03 2.08 -0.01	40.94 1.80 -0.01	39.28 1.73 -0.01	40.23 1.88 -0.01	46.96 2.53 -0.01	60.91 3.12 0.00	71.09 3.64 0.00	65.26 3.34 0.00	63.18 3.52 0.00	62.18 3.57 0.00	61.63 3.54 0.00	61.63 3.65 0.00	63.86 3.67 0.00	62.96 3.56 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	85.92 4.63 0.00	70.86 3.69 0.00	64.27 3.70 0.00	55.53 3.68 0.00	52.75 3.40 -0.01
WATKINRD_115KV_LN8_ILLION 55919	44.94 1.05 0.00	40.91 0.96 0.00	40.07 0.94 0.00	38.45 0.90 0.00	39.34 1.00 0.00	45.58 1.15 0.00	59.35 1.56 0.00	69.41 1.96 0.00	63.65 1.73 0.00	61.21 1.55 0.00	60.36 1.76 0.00	59.83 1.74 0.00	59.60 1.62 0.00	61.88 1.69 0.00	61.00 1.60 0.00	68.67 1.67 0.00	86.19 2.18 0.00	107.72 2.73 0.00	95.73 2.43 0.00	83.40 2.11 0.00	68.92 1.75 0.00	62.27 1.70 0.00	53.30 1.45 0.00	50.72 1.38 0.00

WDELAWARE___HYD 323627	45.29 1.40 0.00	41.23 1.28 0.00	40.22 1.09 0.00	38.68 1.13 0.00	39.53 1.19 0.00	46.11 1.69 0.00	60.16 2.37 0.00	70.56 3.10 0.00	64.64 2.72 0.00	62.16 2.51 0.00	61.07 2.46 0.00	60.64 2.55 0.00	60.47 2.49 0.00	62.78 2.59 0.00	61.89 2.49 0.00	69.94 2.94 0.00	88.12 4.12 0.00	110.45 5.46 0.00	98.53 5.22 0.00	85.76 4.47 0.00	70.26 3.09 0.00	63.84 3.27 0.00	54.55 2.69 0.00	51.76 2.42 0.00
WEST BABYLON___IC 23714	46.56 2.68 0.00	42.30 2.36 0.00	41.01 1.88 0.00	39.39 1.84 0.00	40.49 2.15 0.00	47.13 2.71 0.00	60.27 2.48 0.00	71.38 3.64 -0.29	64.77 2.85 0.00	62.58 2.92 0.00	62.65 4.04 0.00	62.15 4.07 0.00	62.55 4.58 0.00	64.70 4.39 -0.12	63.76 4.34 -0.02	71.35 4.35 0.00	88.80 4.79 0.00	111.24 6.19 -0.05	99.00 5.69 0.00	86.74 5.45 0.00	71.00 3.83 0.00	64.94 4.36 0.00	56.93 5.08 0.00	53.73 4.39 0.00
WEST CANADA___HYD 24049	43.93 0.04 0.00	39.99 0.04 0.00	39.17 0.04 0.00	37.59 0.04 0.00	38.46 0.12 0.00	44.60 0.18 0.00	58.02 0.23 0.00	67.79 0.34 0.00	62.17 0.25 0.00	59.84 0.18 0.00	58.84 0.24 0.00	58.32 0.23 0.00	58.21 0.23 0.00	60.43 0.24 0.00	59.64 0.24 0.00	67.26 0.27 0.00	84.35 0.34 0.00	105.42 0.42 0.00	93.68 0.37 0.00	81.62 0.33 0.00	67.44 0.27 0.00	60.88 0.30 0.00	52.11 0.26 0.00	49.54 0.20 0.00
WESTERN_NY_WIND 24143	44.02 0.13 0.00	39.67 -0.28 0.00	38.97 -0.16 0.00	37.32 -0.23 0.00	38.38 0.04 0.00	43.62 -0.80 0.00	55.94 -1.85 0.00	64.96 -2.50 0.00	59.50 -2.41 0.00	57.99 -1.67 0.00	56.38 -2.23 0.00	56.46 -1.63 0.00	55.95 -2.03 0.00	57.48 -2.71 0.00	56.72 -2.67 0.00	63.51 -3.48 0.00	79.47 -4.54 0.00	101.85 -3.15 0.00	90.23 -3.08 0.00	78.44 -2.85 0.00	64.55 -2.62 0.00	58.27 -2.30 0.00	49.88 -1.97 0.00	48.45 -0.89 0.00
WESTOVER___LESR 323668	44.06 0.18 0.00	40.03 0.08 0.00	39.25 0.12 0.00	37.63 0.08 0.00	38.53 0.19 0.00	44.65 0.22 0.00	57.90 0.12 0.00	67.79 0.34 0.00	62.10 0.19 0.00	59.78 0.12 0.00	58.67 0.06 0.00	58.32 0.23 0.00	58.03 0.06 0.00	60.13 -0.06 0.00	59.28 -0.12 0.00	66.79 -0.20 0.00	83.76 -0.25 0.00	105.52 0.52 0.00	93.68 0.37 0.00	81.62 0.33 0.00	67.37 0.20 0.00	60.70 0.12 0.00	51.96 0.10 0.00	49.59 0.25 0.00
WETHRSFD_WT_PWR 323626	43.40 -0.48 0.00	39.11 -0.84 0.00	38.54 -0.59 0.00	36.88 -0.67 0.00	37.73 -0.61 0.00	43.09 -1.33 0.00	55.07 -2.71 0.00	64.01 -3.44 0.00	58.57 -3.34 0.00	56.79 -2.86 0.00	55.09 -3.51 0.00	54.89 -3.19 0.00	54.55 -3.42 0.00	56.22 -3.97 0.00	55.42 -3.98 0.00	61.23 -5.76 0.00	76.78 -7.23 0.00	98.49 -6.51 0.00	86.40 -6.90 0.00	75.44 -5.85 0.00	62.47 -4.70 0.00	56.76 -3.81 0.00	48.64 -3.21 0.00	47.22 -2.12 0.00
WHAVSTOR_138KV_BK127 55557	45.42 1.54 0.00	41.35 1.40 0.00	40.34 1.21 0.00	38.71 1.16 0.00	39.65 1.30 0.00	46.20 1.78 0.00	60.33 2.54 0.00	70.82 3.37 0.00	64.89 2.97 0.00	62.58 2.92 0.00	61.65 3.05 0.00	61.16 3.08 0.00	61.11 3.13 0.00	63.38 3.19 0.00	62.49 3.09 0.00	70.34 3.35 0.00	88.29 4.28 0.00	110.35 5.35 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.53 3.36 0.00	63.91 3.33 0.00	54.86 3.01 0.00	52.01 2.66 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.42 1.54 0.00	41.35 1.40 0.00	40.34 1.21 0.00	38.71 1.16 0.00	39.65 1.30 0.00	46.20 1.78 0.00	60.33 2.54 0.00	70.82 3.37 0.00	64.89 2.97 0.00	62.58 2.92 0.00	61.65 3.05 0.00	61.16 3.08 0.00	61.11 3.13 0.00	63.38 3.19 0.00	62.49 3.09 0.00	70.34 3.35 0.00	88.29 4.28 0.00	110.35 5.35 0.00	98.25 4.95 0.00	85.68 4.39 0.00	70.53 3.36 0.00	63.91 3.33 0.00	54.86 3.01 0.00	52.01 2.66 0.00
WHITEHAL_115KV_TB1 80871	46.39 2.50 0.00	42.38 2.44 0.00	41.48 2.35 0.00	39.84 2.29 0.00	40.84 2.49 0.00	47.53 3.11 0.00	60.79 3.00 0.00	71.09 3.64 0.00	64.95 3.03 0.00	62.22 2.57 0.00	61.36 2.75 0.00	60.47 2.38 0.00	60.58 2.61 0.00	62.66 2.47 0.00	61.83 2.44 0.00	69.94 2.95 0.00	88.29 4.28 0.00	110.35 5.35 0.00	98.34 5.04 0.00	85.35 4.06 0.00	70.73 3.56 0.00	63.91 3.33 0.00	55.85 3.99 0.00	52.89 3.55 0.00
WHITEPLN_13_KV_LOAD 356215	45.86 1.97 0.00	41.74 1.80 0.00	40.66 1.53 0.00	39.09 1.54 0.00	39.99 1.65 0.00	46.69 2.27 0.00	60.85 3.06 0.00	71.43 3.98 0.00	65.63 3.72 0.00	63.24 3.58 0.00	62.36 3.75 0.00	61.80 3.72 0.00	61.80 3.83 0.00	64.10 3.91 0.00	63.14 3.74 0.00	71.08 4.09 0.00	89.30 5.29 0.00	111.61 6.61 0.00	99.46 6.16 0.00	86.66 5.37 0.00	71.20 4.03 0.00	64.45 3.88 0.00	55.22 3.37 0.00	52.45 3.11 0.00
WM_FLOYD_69_KV_BK2 356380	46.39 2.50 0.00	42.14 2.20 0.00	40.77 1.64 0.00	39.16 1.61 0.00	40.30 1.96 0.00	46.91 2.49 0.00	59.75 1.96 0.00	71.28 3.04 -0.79	63.97 2.04 -0.01	61.87 2.21 -0.01	62.06 3.46 0.00	61.46 3.37 0.00	62.15 4.17 0.00	64.42 3.91 -0.32	63.26 3.80 -0.07	70.61 3.62 0.00	87.37 3.36 0.00	109.59 4.41 -0.19	97.41 4.11 0.00	85.20 3.90 -0.01	69.65 2.49 0.00	64.21 3.63 0.00	56.52 4.67 0.00	53.29 3.95 0.00
WOODARD___115KV_TB2 355635	42.96 -0.92 0.00	39.07 -0.88 0.00	38.35 -0.78 0.00	36.76 -0.79 0.00	37.65 -0.69 0.00	43.62 -0.80 0.00	56.63 -1.16 0.00	66.30 -1.15 0.00	60.86 -1.05 0.00	58.64 -1.01 0.00	57.67 -0.94 0.00	57.22 -0.87 0.00	57.05 -0.93 0.00	59.17 -1.02 0.00	58.33 -1.07 0.00	65.79 -1.21 0.00	82.50 -1.51 0.00	103.52 -1.47 0.00	92.00 -1.31 0.00	80.07 -1.22 0.00	66.09 -1.07 0.00	59.54 -1.03 0.00	50.97 -0.88 0.00	48.50 -0.84 0.00
WOODMERE_69_KV_BK1 55827	46.56 2.68 0.00	42.30 2.36 0.00	41.05 1.92 0.00	39.43 1.88 0.00	40.49 2.15 0.00	47.13 2.71 0.00	60.44 2.66 0.00	71.09 3.64 0.00	65.01 3.10 0.00	62.88 3.22 0.00	62.77 4.16 0.00	62.27 4.18 0.00	62.55 4.58 0.00	64.64 4.45 0.00	63.67 4.28 0.00	71.48 4.49 0.00	89.22 5.21 0.00	111.50 6.51 0.00	99.46 6.16 0.00	86.98 5.69 0.00	71.27 4.10 0.00	65.00 4.42 0.00	56.73 4.87 0.00	53.63 4.29 0.00
YORK___WARBASSE 23770	46.39 2.50 -0.01	42.23 2.28 -0.01	41.13 2.00 -0.01	39.47 1.92 -0.01	40.42 2.07 -0.01	47.19 2.75 -0.01	60.91 3.12 0.00	71.03 3.57 0.00	65.20 3.28 0.00	63.12 3.46 0.00	62.06 3.46 0.00	61.51 3.43 0.00	61.51 3.54 0.00	63.80 3.61 0.00	62.90 3.50 0.00	70.74 3.75 0.00	88.63 4.62 0.00	110.77 5.77 0.00	98.62 5.32 0.00	86.09 4.80 0.00	70.86 3.69 0.00	64.39 3.82 0.00	55.74 3.89 0.00	53.00 3.65 -0.01