

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		11/13/2025																										
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	47.06	45.93	43.62	43.65	43.47	45.97	67.29	80.29	65.35	59.86	56.50	54.56	54.46	55.33	56.28	64.24	74.37	94.49	83.73	70.84	63.47	59.36	54.52	50.62			
		2.96	2.68	2.43	2.47	2.42	2.64	4.28	4.40	3.76	3.49	3.45	3.33	3.42	3.52	3.53	3.98	5.06	6.26	5.18	4.14	3.48	3.15	3.09	2.64			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260	EST	47.15	46.01	43.70	43.73	43.55	46.02	67.29	80.21	65.42	59.92	56.55	54.61	54.56	55.38	56.34	64.24	74.37	94.49	83.81	70.91	63.53	59.47	54.68	50.71			
		3.04	2.77	2.51	2.55	2.50	2.69	4.28	4.33	3.82	3.55	3.50	3.38	3.52	3.57	3.59	3.98	5.06	6.26	5.26	4.20	3.54	3.26	3.24	2.73			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.15	46.01	43.70	43.73	43.55	46.02	67.29	80.21	65.42	59.92	56.55	54.61	54.56	55.38	56.34	64.24	74.37	94.49	83.81	70.91	63.53	59.47	54.68	50.71			
		3.04	2.77	2.51	2.55	2.50	2.69	4.28	4.33	3.82	3.55	3.50	3.38	3.52	3.57	3.59	3.98	5.06	6.26	5.26	4.20	3.54	3.26	3.24	2.73			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.98	46.10	43.99	43.94	43.71	45.32	66.03	79.00	64.12	58.51	55.17	53.07	52.78	53.46	54.54	62.55	72.36	91.94	82.00	69.37	62.39	58.41	53.55	49.90			
		2.87	2.85	2.80	2.76	2.67	1.99	3.02	3.11	2.53	2.14	2.12	1.84	1.74	1.66	1.79	2.29	3.05	3.71	3.46	2.67	2.40	2.19	2.11	1.92			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.18	45.36	43.25	43.19	42.97	45.50	66.35	79.45	64.30	58.68	55.38	53.18	52.88	53.57	54.65	62.68	72.57	92.29	82.32	69.64	62.62	58.63	53.70	50.04			
		2.07	2.12	2.06	2.02	1.93	2.17	3.34	3.57	2.71	2.31	2.33	1.95	1.83	1.76	1.90	2.41	3.26	4.06	3.77	2.93	2.64	2.42	2.26	2.06			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.98	46.10	43.99	43.94	43.71	45.32	66.03	79.00	64.12	58.51	55.17	53.07	52.78	53.46	54.54	62.55	72.36	91.94	82.00	69.37	62.39	58.41	53.55	49.90			
		2.87	2.85	2.80	2.76	2.67	1.99	3.02	3.11	2.53	2.14	2.12	1.84	1.74	1.66	1.79	2.29	3.05	3.71	3.46	2.67	2.40	2.19	2.11	1.92			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.27	45.36	43.21	43.15	43.01	45.41	65.97	79.07	64.18	58.68	55.28	53.38	53.18	53.98	54.96	62.85	72.57	92.20	82.16	69.64	62.51	58.57	53.44	49.94			
		2.16	2.12	2.02	1.98	1.97	2.08	2.96	3.19	2.59	2.31	2.23	2.15	2.14	2.18	2.22	2.59	3.26	3.97	3.62	2.93	2.52	2.36	2.00	1.97			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.21	44.33	42.22	42.21	42.07	44.33	63.89	76.26	62.09	56.76	53.63	51.74	51.60	52.37	53.33	60.93	70.42	88.67	79.10	67.17	60.47	56.78	52.36	48.84			
		1.10	1.08	1.03	1.03	1.03	1.00	0.88	0.38	0.49	0.39	0.58	0.51	0.56	0.57	0.58	0.66	1.11	0.44	0.55	0.47	0.48	0.56	0.93	0.86			
		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			
AKWESSNE_115KV_BK 355683	EST	44.46	43.68	41.52	41.59	41.50	43.76	63.70	77.25	62.64	57.38	53.90	52.10	51.91	52.58	53.49	61.11	69.94	89.20	79.33	67.44	60.83	57.17	52.26	48.79			
		0.35	0.43	0.33	0.41	0.45	0.43	0.69	1.37	1.05	1.01	0.85	0.87	0.87	0.78	0.74	0.84	0.62	0.97	0.79	0.73	0.84	0.96	0.82	0.82			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.74	44.93	42.84	42.78	42.60	44.93	65.09	77.78	63.01	57.44	54.11	52.15	51.96	52.79	53.86	61.77	71.47	90.52	80.83	68.51	61.54	57.78	53.08	49.51			
		1.63	1.68	1.65	1.60	1.56	1.60	2.08	1.90	1.42	1.07	1.06	0.92	0.92	0.98	1.11	1.51	2.15	2.29	2.28	1.80	1.56	1.57	1.65	1.53			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834	EST	45.74	44.93	42.84	42.78	42.60	44.93	65.03	77.70	62.95	57.44	54.11	52.15	51.96	52.79	53.86	61.77	71.47	90.52	80.74	68.51	61.54	57.73	53.03	49.51			
		1.63	1.68	1.65	1.60	1.56	1.60	2.02	1.82	1.35	1.07	1.06	0.92	0.92	0.98	1.11	1.51	2.15	2.29	2.20	1.80	1.56	1.52	1.60	1.53			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1 23571	EST	45.21	44.33	42.22	42.21	42.07	44.33	63.89	76.26	62.09	56.76	53.63	51.74	51.60	52.37	53.33	60.93	70.42	88.67	79.10	67.17	60.47	56.78	52.36	48.84			
		1.10	1.08	1.03	1.03	1.03	1.00	0.88	0.38	0.49	0.39	0.58	0.51	0.56	0.57	0.58	0.66	1.11	0.44	0.55	0.47	0.48	0.56	0.93	0.86			
		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			

ALBANY___2 23572	45.21 1.10 0.00	44.33 1.08 0.00	42.22 1.03 0.00	42.21 1.03 0.00	42.07 1.03 0.00	44.33 1.00 0.00	63.89 0.88 0.00	76.26 0.38 0.00	62.09 0.49 0.00	56.76 0.39 0.00	53.63 0.58 0.00	51.74 0.51 0.00	51.60 0.56 0.00	52.37 0.57 0.00	53.33 0.58 0.00	60.93 0.66 0.00	70.42 1.11 0.00	88.67 0.44 0.00	79.10 0.55 0.00	67.17 0.47 0.00	60.47 0.48 0.00	56.78 0.56 0.00	52.36 0.93 0.00	48.84 0.86 0.00
ALBANY___3 23573	45.21 1.10 0.00	44.33 1.08 0.00	42.22 1.03 0.00	42.21 1.03 0.00	42.07 1.03 0.00	44.33 1.00 0.00	63.89 0.88 0.00	76.26 0.38 0.00	62.09 0.49 0.00	56.76 0.39 0.00	53.63 0.58 0.00	51.74 0.51 0.00	51.60 0.56 0.00	52.37 0.57 0.00	53.33 0.58 0.00	60.93 0.66 0.00	70.42 1.11 0.00	88.67 0.44 0.00	79.10 0.55 0.00	67.17 0.47 0.00	60.47 0.48 0.00	56.78 0.56 0.00	52.36 0.93 0.00	48.84 0.86 0.00
ALBANY___4 23574	45.21 1.10 0.00	44.33 1.08 0.00	42.22 1.03 0.00	42.21 1.03 0.00	42.07 1.03 0.00	44.33 1.00 0.00	63.89 0.88 0.00	76.26 0.38 0.00	62.09 0.49 0.00	56.76 0.39 0.00	53.63 0.58 0.00	51.74 0.51 0.00	51.60 0.56 0.00	52.37 0.57 0.00	53.33 0.58 0.00	60.93 0.66 0.00	70.42 1.11 0.00	88.67 0.44 0.00	79.10 0.55 0.00	67.17 0.47 0.00	60.47 0.48 0.00	56.78 0.56 0.00	52.36 0.93 0.00	48.84 0.86 0.00
ALBANY___LFGE 323615	45.52 1.41 0.00	44.67 1.42 0.00	42.55 1.36 0.00	42.49 1.32 0.00	42.36 1.31 0.00	44.67 1.34 0.00	64.46 1.45 0.00	77.02 1.14 0.00	62.71 1.11 0.00	57.32 0.96 0.00	54.11 1.06 0.00	52.20 0.97 0.00	52.06 1.02 0.00	52.84 1.04 0.00	53.80 1.05 0.00	61.53 1.27 0.00	71.05 1.73 0.00	89.56 1.33 0.00	79.88 1.33 0.00	67.77 1.06 0.00	60.94 0.96 0.00	57.28 1.07 0.00	52.72 1.29 0.00	49.18 1.20 0.00
ALCOA_PA_115KV_PL-6C 55860	44.77 0.66 0.00	44.02 0.78 0.00	41.81 0.62 0.00	41.88 0.70 0.00	41.78 0.74 0.00	44.07 0.74 0.00	64.14 1.13 0.00	77.86 1.97 0.00	63.14 1.54 0.00	57.78 1.41 0.00	54.27 1.22 0.00	52.46 1.23 0.00	52.21 1.17 0.00	52.94 1.14 0.00	53.86 1.11 0.00	61.53 1.27 0.00	70.29 0.97 0.00	89.64 1.41 0.00	79.72 1.18 0.00	67.84 1.13 0.00	61.31 1.32 0.00	57.62 1.41 0.00	52.67 1.23 0.00	49.22 1.25 0.00
ALCOA_RYNLDS___DRP 24188	44.77 0.66 0.00	44.02 0.78 0.00	41.81 0.62 0.00	41.88 0.70 0.00	41.78 0.74 0.00	44.07 0.74 0.00	64.14 1.13 0.00	77.86 1.97 0.00	63.14 1.54 0.00	57.78 1.41 0.00	54.27 1.22 0.00	52.46 1.23 0.00	52.21 1.17 0.00	52.94 1.14 0.00	53.86 1.11 0.00	61.53 1.27 0.00	70.29 0.97 0.00	89.64 1.41 0.00	79.72 1.18 0.00	67.84 1.13 0.00	61.31 1.32 0.00	57.62 1.41 0.00	52.67 1.23 0.00	49.22 1.25 0.00
ALCOA___DSASP 323711	44.77 0.66 0.00	44.02 0.78 0.00	41.81 0.62 0.00	41.88 0.70 0.00	41.78 0.74 0.00	44.07 0.74 0.00	64.14 1.13 0.00	77.86 1.97 0.00	63.14 1.54 0.00	57.78 1.41 0.00	54.27 1.22 0.00	52.46 1.23 0.00	52.21 1.17 0.00	52.94 1.14 0.00	53.86 1.11 0.00	61.53 1.27 0.00	70.29 0.97 0.00	89.64 1.41 0.00	79.72 1.18 0.00	67.84 1.13 0.00	61.31 1.32 0.00	57.62 1.41 0.00	52.67 1.23 0.00	49.22 1.25 0.00
ALLEGHENY___COGEN 23514	42.83 -1.28 0.00	41.47 -1.77 0.00	39.91 -1.28 0.00	39.74 -1.44 0.00	39.61 -1.44 0.00	41.90 -1.43 0.00	61.12 -1.89 0.00	74.37 -1.52 0.00	58.76 -2.83 0.00	53.38 -2.99 0.00	49.65 -3.40 0.00	47.90 -3.33 0.00	47.47 -3.57 0.00	48.23 -3.57 0.00	49.31 -3.43 0.02	56.62 -3.61 0.03	65.33 -3.95 0.03	85.67 -2.56 0.00	76.66 -1.89 0.00	65.63 -1.07 0.00	59.27 -0.72 0.00	55.03 -1.18 0.00	50.26 -1.18 0.00	46.82 -1.15 0.00
ALTAMONT_115KV_TB 2 55880	45.17 1.06 0.00	44.28 1.04 0.00	42.18 0.99 0.00	42.17 0.99 0.00	42.03 0.99 0.00	44.33 1.00 0.00	64.27 1.26 0.00	76.87 0.99 0.00	62.52 0.92 0.00	57.16 0.79 0.00	53.85 0.80 0.00	52.00 0.77 0.00	51.86 0.82 0.00	52.63 0.83 0.00	53.59 0.84 0.00	61.29 1.02 0.00	70.77 1.46 0.00	89.55 1.32 0.00	79.88 1.34 0.00	67.77 1.07 0.00	60.89 0.90 0.00	57.11 0.90 0.00	52.42 0.98 0.00	48.84 0.86 0.00
ALTONA_WT_PWR 323606	44.24 0.13 0.00	43.51 0.26 0.00	41.35 0.17 0.00	41.43 0.25 0.00	41.33 0.29 0.00	43.64 0.31 0.00	63.64 0.63 0.00	77.25 1.37 0.00	62.64 1.05 0.00	57.27 0.90 0.00	53.79 0.74 0.00	51.95 0.72 0.00	51.66 0.61 0.00	52.32 0.52 0.00	53.17 0.42 0.00	60.80 0.54 0.00	69.59 0.28 0.00	88.85 0.62 0.00	79.02 0.47 0.00	67.17 0.47 0.00	60.65 0.66 0.00	56.94 0.73 0.00	52.01 0.57 0.00	48.60 0.62 0.00
AMERICAN_REF_FUEL 24010	39.79 -4.32 0.00	38.27 -4.97 0.00	36.78 -4.41 0.00	36.81 -4.37 0.00	36.65 -4.39 0.00	38.56 -4.77 0.00	55.26 -7.75 0.00	66.93 -8.96 0.00	53.46 -8.13 0.00	49.60 -6.77 0.00	46.47 -6.58 0.00	45.03 -6.20 0.00	44.76 -6.28 0.00	45.43 -6.37 0.00	46.30 -6.44 0.01	52.71 -7.53 0.02	59.73 -9.57 0.02	77.29 -10.94 0.00	68.88 -9.66 0.00	58.90 -7.80 0.00	53.51 -6.48 0.00	49.64 -6.58 0.00	46.04 -5.40 0.00	42.75 -5.23 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.66 -4.45 0.00	38.36 -4.89 0.00	36.87 -4.32 0.00	36.77 -4.41 0.00	36.57 -4.47 0.00	38.74 -4.59 0.00	56.08 -6.93 0.00	67.92 -7.97 0.00	54.20 -7.39 0.00	50.00 -6.37 0.00	46.74 -6.31 0.00	45.29 -5.94 0.00	44.86 -6.18 0.00	45.48 -6.32 0.00	46.41 -6.33 0.01	53.07 -7.17 0.02	60.49 -8.80 0.02	79.67 -8.56 0.00	71.24 -7.30 0.00	60.50 -6.20 0.00	54.95 -5.04 0.00	51.04 -5.17 0.00	47.37 -4.06 0.00	43.80 -4.17 0.00
ARTHUR KILL_GT_1 23520	47.59 3.48 0.00	46.40 3.16 0.00	44.03 2.84 0.00	44.02 2.84 0.00	43.88 2.83 0.00	46.23 2.90 0.00	66.48 3.47 0.00	79.07 3.19 0.00	64.49 2.90 0.00	59.30 2.93 0.00	56.39 3.34 0.00	54.76 3.53 0.00	54.72 3.67 0.00	55.43 3.63 0.00	56.23 3.48 0.00	63.76 3.50 0.00	73.75 4.44 0.00	93.79 5.56 0.00	83.18 4.63 0.00	70.37 3.67 0.00	63.17 3.18 0.00	59.42 3.20 0.00	55.09 3.65 0.00	51.19 3.21 0.00
ARTHUR_KILL_2 23512	47.46 3.35 0.00	46.32 3.07 0.00	43.99 2.80 0.00	43.94 2.76 0.00	43.75 2.71 0.00	46.14 2.81 0.00	66.28 3.27 0.00	78.84 2.96 0.00	64.37 2.77 0.00	59.18 2.82 0.00	56.23 3.18 0.00	54.66 3.43 0.00	54.56 3.52 0.00	55.17 3.37 0.00	56.13 3.38 0.00	63.52 3.25 0.00	73.40 4.09 0.00	93.43 5.20 0.00	82.86 4.32 0.00	70.10 3.40 0.00	62.99 3.00 0.00	59.25 3.03 0.00	54.83 3.39 0.00	51.05 3.07 0.00
ARTHUR_KILL_3 23513	46.71 2.60 0.00	45.67 2.42 0.00	43.37 2.18 0.00	43.36 2.18 0.00	43.18 2.13 0.00	45.62 2.29 0.00	66.73 3.72 0.00	79.53 3.64 0.00	64.86 3.26 0.00	59.41 3.04 0.00	56.02 2.97 0.00	54.15 2.92 0.00	54.05 3.01 0.00	54.86 3.06 0.00	55.86 3.11 0.00	63.70 3.43 0.00	73.68 4.37 0.00	93.70 5.47 0.00	82.94 4.40 0.00	70.17 3.47 0.00	62.93 2.94 0.00	58.91 2.70 0.00	54.06 2.62 0.00	50.28 2.30 0.00

ARTHUR_KILL_COGEN 323718	47.59 3.48 0.00	46.45 3.20 0.00	44.07 2.88 0.00	44.06 2.88 0.00	43.87 2.83 0.00	46.23 2.90 0.00	66.41 3.40 0.00	79.00 3.11 0.00	64.49 2.90 0.00	59.30 2.93 0.00	56.39 3.34 0.00	54.76 3.53 0.00	54.72 3.68 0.00	55.33 3.52 0.00	56.23 3.48 0.00	63.70 3.43 0.00	73.61 4.30 0.00	93.70 5.47 0.00	83.10 4.55 0.00	70.30 3.60 0.00	63.16 3.18 0.00	59.42 3.20 0.00	54.98 3.55 0.00	51.14 3.17 0.00
ASHOKAN____ 23654	45.69 1.59 0.00	44.85 1.60 0.00	42.55 1.36 0.00	42.66 1.48 0.00	42.44 1.40 0.00	44.89 1.56 0.00	65.34 2.33 0.00	77.78 1.90 0.00	62.71 1.11 0.00	56.93 0.56 0.00	53.58 0.53 0.00	51.59 0.36 0.00	51.60 0.56 0.00	52.48 0.67 0.00	53.43 0.68 0.00	61.53 1.27 0.00	71.53 2.22 0.00	91.40 3.17 0.00	81.61 3.06 0.00	69.04 2.33 0.00	61.54 1.56 0.00	57.84 1.63 0.00	52.98 1.54 0.00	49.32 1.34 0.00
ASTORIA_EAST_ENERGY_CC1 323581	47.02 2.91 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.48 2.30 0.00	43.30 2.26 0.00	45.62 2.29 0.00	66.34 3.34 0.01	79.06 3.19 0.01	64.73 3.14 0.01	59.34 2.99 0.01	56.23 3.18 0.01	54.50 3.28 0.01	54.40 3.37 0.01	55.01 3.21 0.01	56.01 3.27 0.01	63.63 3.37 0.01	73.40 4.09 0.01	93.25 5.03 0.01	82.70 4.16 0.01	69.96 3.27 0.01	62.98 3.00 0.01	58.96 2.75 0.01	54.11 2.67 0.00	50.37 2.40 0.00
ASTORIA_EAST_ENERGY_CC2 323582	46.97 2.87 0.00	45.84 2.59 0.00	43.49 2.31 0.00	43.48 2.30 0.00	43.30 2.26 0.00	45.58 2.25 0.00	66.34 3.34 0.01	78.99 3.11 0.01	64.67 3.08 0.01	59.34 2.99 0.01	56.17 3.13 0.01	54.45 3.23 0.01	54.40 3.37 0.01	54.96 3.16 0.01	55.96 3.22 0.01	63.63 3.37 0.01	73.40 4.09 0.01	93.16 4.94 0.01	82.70 4.16 0.01	69.90 3.20 0.01	62.92 2.94 0.01	58.90 2.70 0.01	54.11 2.67 0.00	50.37 2.40 0.00
ASTORIA_GT2_1 24094	47.02 2.91 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.48 2.31 0.00	43.30 2.26 0.00	45.63 2.30 0.00	66.41 3.40 0.00	79.07 3.19 0.00	64.74 3.14 0.00	59.35 2.99 0.00	56.23 3.18 0.00	54.51 3.28 0.00	54.41 3.37 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.76 3.50 0.00	73.54 4.23 0.00	93.35 5.12 0.00	82.79 4.24 0.00	69.97 3.27 0.00	62.99 3.00 0.00	58.97 2.75 0.00	54.27 2.83 0.00	50.42 2.45 0.00
ASTORIA_GT2_2 24095	47.02 2.91 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.48 2.31 0.00	43.30 2.26 0.00	45.63 2.30 0.00	66.41 3.40 0.00	79.07 3.19 0.00	64.74 3.14 0.00	59.35 2.99 0.00	56.23 3.18 0.00	54.51 3.28 0.00	54.41 3.37 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.76 3.50 0.00	73.54 4.23 0.00	93.35 5.12 0.00	82.79 4.24 0.00	69.97 3.27 0.00	62.99 3.00 0.00	58.97 2.75 0.00	54.27 2.83 0.00	50.42 2.45 0.00
ASTORIA_GT2_3 24096	47.02 2.91 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.48 2.31 0.00	43.30 2.26 0.00	45.63 2.30 0.00	66.41 3.40 0.00	79.07 3.19 0.00	64.74 3.14 0.00	59.35 2.99 0.00	56.23 3.18 0.00	54.51 3.28 0.00	54.41 3.37 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.76 3.50 0.00	73.54 4.23 0.00	93.35 5.12 0.00	82.79 4.24 0.00	69.97 3.27 0.00	62.99 3.00 0.00	58.97 2.75 0.00	54.27 2.83 0.00	50.42 2.45 0.00
ASTORIA_GT2_4 24097	47.02 2.91 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.48 2.31 0.00	43.30 2.26 0.00	45.63 2.30 0.00	66.41 3.40 0.00	79.07 3.19 0.00	64.74 3.14 0.00	59.35 2.99 0.00	56.23 3.18 0.00	54.51 3.28 0.00	54.41 3.37 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.76 3.50 0.00	73.54 4.23 0.00	93.35 5.12 0.00	82.79 4.24 0.00	69.97 3.27 0.00	62.99 3.00 0.00	58.97 2.75 0.00	54.27 2.83 0.00	50.42 2.45 0.00
ASTORIA_GT3_1 24098	47.02 2.91 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.48 2.31 0.00	43.30 2.26 0.00	45.63 2.30 0.00	66.41 3.40 0.00	79.07 3.19 0.00	64.74 3.14 0.00	59.35 2.99 0.00	56.23 3.18 0.00	54.51 3.28 0.00	54.41 3.37 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.76 3.50 0.00	73.54 4.23 0.00	93.35 5.12 0.00	82.79 4.24 0.00	69.97 3.27 0.00	62.99 3.00 0.00	58.97 2.75 0.00	54.27 2.83 0.00	50.42 2.45 0.00
ASTORIA_GT3_2 24099	47.02 2.91 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.48 2.31 0.00	43.30 2.26 0.00	45.63 2.30 0.00	66.41 3.40 0.00	79.07 3.19 0.00	64.74 3.14 0.00	59.35 2.99 0.00	56.23 3.18 0.00	54.51 3.28 0.00	54.41 3.37 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.76 3.50 0.00	73.54 4.23 0.00	93.35 5.12 0.00	82.79 4.24 0.00	69.97 3.27 0.00	62.99 3.00 0.00	58.97 2.75 0.00	54.27 2.83 0.00	50.42 2.45 0.00
ASTORIA_GT3_3 24100	47.02 2.91 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.48 2.31 0.00	43.30 2.26 0.00	45.63 2.30 0.00	66.41 3.40 0.00	79.07 3.19 0.00	64.74 3.14 0.00	59.35 2.99 0.00	56.23 3.18 0.00	54.51 3.28 0.00	54.41 3.37 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.76 3.50 0.00	73.54 4.23 0.00	93.35 5.12 0.00	82.79 4.24 0.00	69.97 3.27 0.00	62.99 3.00 0.00	58.97 2.75 0.00	54.27 2.83 0.00	50.42 2.45 0.00
ASTORIA_GT3_4 24101	47.02 2.91 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.48 2.31 0.00	43.30 2.26 0.00	45.63 2.30 0.00	66.41 3.40 0.00	79.07 3.19 0.00	64.74 3.14 0.00	59.35 2.99 0.00	56.23 3.18 0.00	54.51 3.28 0.00	54.41 3.37 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.76 3.50 0.00	73.54 4.23 0.00	93.35 5.12 0.00	82.79 4.24 0.00	69.97 3.27 0.00	62.99 3.00 0.00	58.97 2.75 0.00	54.27 2.83 0.00	50.42 2.45 0.00
ASTORIA_GT4_1 24102	47.02 2.91 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.48 2.31 0.00	43.30 2.26 0.00	45.63 2.30 0.00	66.41 3.40 0.00	79.07 3.19 0.00	64.74 3.14 0.00	59.35 2.99 0.00	56.23 3.18 0.00	54.51 3.28 0.00	54.41 3.37 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.76 3.50 0.00	73.54 4.23 0.00	93.35 5.12 0.00	82.79 4.24 0.00	69.97 3.27 0.00	62.99 3.00 0.00	58.97 2.75 0.00	54.27 2.83 0.00	50.42 2.45 0.00
ASTORIA_GT4_2 24103	47.02 2.91 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.48 2.31 0.00	43.30 2.26 0.00	45.63 2.30 0.00	66.41 3.40 0.00	79.07 3.19 0.00	64.74 3.14 0.00	59.35 2.99 0.00	56.23 3.18 0.00	54.51 3.28 0.00	54.41 3.37 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.76 3.50 0.00	73.54 4.23 0.00	93.35 5.12 0.00	82.79 4.24 0.00	69.97 3.27 0.00	62.99 3.00 0.00	58.97 2.75 0.00	54.27 2.83 0.00	50.42 2.45 0.00
ASTORIA_GT4_3 24104	47.02 2.91 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.48 2.31 0.00	43.30 2.26 0.00	45.63 2.30 0.00	66.41 3.40 0.00	79.07 3.19 0.00	64.74 3.14 0.00	59.35 2.99 0.00	56.23 3.18 0.00	54.51 3.28 0.00	54.41 3.37 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.76 3.50 0.00	73.54 4.23 0.00	93.35 5.12 0.00	82.79 4.24 0.00	69.97 3.27 0.00	62.99 3.00 0.00	58.97 2.75 0.00	54.27 2.83 0.00	50.42 2.45 0.00

ASTORIA_GT4_4 24105	47.02 2.91 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.48 2.31 0.00	43.30 2.26 0.00	45.63 2.30 0.00	66.41 3.40 0.00	79.07 3.19 0.00	64.74 3.14 0.00	59.35 2.99 0.00	56.23 3.18 0.00	54.51 3.28 0.00	54.41 3.37 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.76 3.50 0.00	73.54 4.23 0.00	93.35 5.12 0.00	82.79 4.24 0.00	69.97 3.27 0.00	62.99 3.00 0.00	58.97 2.75 0.00	54.27 2.83 0.00	50.42 2.45 0.00
ASTORIA_GT_1 23523	47.06 2.96 0.00	45.88 2.64 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.67 2.34 0.00	66.54 3.53 0.00	79.22 3.34 0.00	64.86 3.26 0.00	59.47 3.10 0.00	56.34 3.29 0.00	54.61 3.38 0.00	54.51 3.47 0.00	55.17 3.37 0.00	56.13 3.38 0.00	63.88 3.62 0.00	73.68 4.37 0.00	93.52 5.29 0.00	82.95 4.40 0.00	70.17 3.47 0.00	63.11 3.12 0.00	59.02 2.81 0.00	54.32 2.88 0.00	50.47 2.49 0.00
ASTORIA_GT_10 24110	47.15 3.04 0.00	45.97 2.72 0.00	43.66 2.47 0.00	43.69 2.51 0.00	43.51 2.46 0.00	45.89 2.56 0.00	66.85 3.84 0.00	79.53 3.64 0.00	64.98 3.39 0.00	59.64 3.27 0.00	56.39 3.34 0.00	54.56 3.33 0.00	54.46 3.42 0.00	55.28 3.47 0.00	56.23 3.48 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.79 5.56 0.00	83.18 4.63 0.00	70.31 3.60 0.00	63.23 3.24 0.00	59.25 3.04 0.00	54.58 3.14 0.00	50.66 2.69 0.00
ASTORIA_GT_11 24225	47.15 3.04 0.00	45.97 2.72 0.00	43.66 2.47 0.00	43.69 2.51 0.00	43.51 2.46 0.00	45.89 2.56 0.00	66.85 3.84 0.00	79.53 3.64 0.00	64.98 3.39 0.00	59.64 3.27 0.00	56.39 3.34 0.00	54.56 3.33 0.00	54.46 3.42 0.00	55.28 3.47 0.00	56.23 3.48 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.79 5.56 0.00	83.18 4.63 0.00	70.31 3.60 0.00	63.23 3.24 0.00	59.25 3.04 0.00	54.58 3.14 0.00	50.66 2.69 0.00
ASTORIA_GT_12 24226	47.15 3.04 0.00	45.97 2.72 0.00	43.66 2.47 0.00	43.69 2.51 0.00	43.51 2.46 0.00	45.89 2.56 0.00	66.85 3.84 0.00	79.53 3.64 0.00	64.98 3.39 0.00	59.64 3.27 0.00	56.39 3.34 0.00	54.56 3.33 0.00	54.46 3.42 0.00	55.28 3.47 0.00	56.23 3.48 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.79 5.56 0.00	83.18 4.63 0.00	70.31 3.60 0.00	63.23 3.24 0.00	59.25 3.04 0.00	54.58 3.14 0.00	50.66 2.69 0.00
ASTORIA_GT_13 24227	47.15 3.04 0.00	45.97 2.72 0.00	43.66 2.47 0.00	43.69 2.51 0.00	43.51 2.46 0.00	45.89 2.56 0.00	66.85 3.84 0.00	79.53 3.64 0.00	64.98 3.39 0.00	59.64 3.27 0.00	56.39 3.34 0.00	54.56 3.33 0.00	54.46 3.42 0.00	55.28 3.47 0.00	56.23 3.48 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.79 5.56 0.00	83.18 4.63 0.00	70.31 3.60 0.00	63.23 3.24 0.00	59.25 3.04 0.00	54.58 3.14 0.00	50.66 2.69 0.00
ASTORIA_GT_5 24106	47.06 2.96 0.00	45.88 2.64 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.67 2.34 0.00	66.54 3.53 0.00	79.22 3.34 0.00	64.86 3.26 0.00	59.47 3.10 0.00	56.34 3.29 0.00	54.61 3.38 0.00	54.51 3.47 0.00	55.17 3.37 0.00	56.13 3.38 0.00	63.88 3.62 0.00	73.68 4.37 0.00	93.52 5.29 0.00	82.95 4.40 0.00	70.17 3.47 0.00	63.11 3.12 0.00	59.02 2.81 0.00	54.32 2.88 0.00	50.47 2.49 0.00
ASTORIA_GT_7 24107	47.06 2.96 0.00	45.88 2.64 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.67 2.34 0.00	66.54 3.53 0.00	79.22 3.34 0.00	64.86 3.26 0.00	59.47 3.10 0.00	56.34 3.29 0.00	54.61 3.38 0.00	54.51 3.47 0.00	55.17 3.37 0.00	56.13 3.38 0.00	63.88 3.62 0.00	73.68 4.37 0.00	93.52 5.29 0.00	82.95 4.40 0.00	70.17 3.47 0.00	63.11 3.12 0.00	59.02 2.81 0.00	54.32 2.88 0.00	50.47 2.49 0.00
ASTORIA_GT_8 24108	47.06 2.96 0.00	45.88 2.64 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.67 2.34 0.00	66.54 3.53 0.00	79.22 3.34 0.00	64.86 3.26 0.00	59.47 3.10 0.00	56.34 3.29 0.00	54.61 3.38 0.00	54.51 3.47 0.00	55.17 3.37 0.00	56.13 3.38 0.00	63.88 3.62 0.00	73.68 4.37 0.00	93.52 5.29 0.00	82.95 4.40 0.00	70.17 3.47 0.00	63.11 3.12 0.00	59.02 2.81 0.00	54.32 2.88 0.00	50.47 2.49 0.00
ASTORIA___2 24149	47.02 2.91 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.48 2.30 0.00	43.30 2.26 0.00	45.62 2.29 0.00	66.34 3.34 0.01	79.06 3.19 0.01	64.73 3.14 0.01	59.34 2.99 0.01	56.23 3.18 0.01	54.50 3.28 0.01	54.40 3.37 0.01	55.01 3.21 0.01	56.01 3.27 0.01	63.63 3.37 0.01	73.40 4.09 0.01	93.25 5.03 0.01	82.70 4.16 0.01	69.96 3.27 0.01	62.98 3.00 0.01	58.96 2.75 0.01	54.11 2.67 0.00	50.37 2.40 0.00
ASTORIA___3 23516	47.15 3.04 0.00	46.02 2.77 0.00	43.70 2.51 0.00	43.69 2.51 0.00	43.51 2.46 0.00	45.89 2.56 0.00	66.79 3.78 0.00	79.45 3.57 0.00	64.98 3.39 0.00	59.64 3.27 0.00	56.39 3.34 0.00	54.56 3.33 0.00	54.46 3.42 0.00	55.22 3.42 0.00	56.23 3.48 0.00	63.94 3.68 0.00	73.76 4.44 0.00	93.70 5.47 0.00	83.10 4.55 0.00	70.24 3.53 0.00	63.22 3.24 0.00	59.25 3.03 0.00	54.47 3.03 0.00	50.66 2.69 0.00
ASTORIA___4 23517	47.15 3.04 0.00	45.97 2.72 0.00	43.66 2.47 0.00	43.69 2.51 0.00	43.51 2.46 0.00	45.89 2.56 0.00	66.85 3.84 0.00	79.53 3.64 0.00	64.98 3.39 0.00	59.64 3.27 0.00	56.39 3.34 0.00	54.56 3.33 0.00	54.46 3.42 0.00	55.28 3.47 0.00	56.23 3.48 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.79 5.56 0.00	83.18 4.63 0.00	70.31 3.60 0.00	63.23 3.24 0.00	59.25 3.04 0.00	54.58 3.14 0.00	50.66 2.69 0.00
ASTORIA___5 23518	47.15 3.04 0.00	46.02 2.77 0.00	43.70 2.51 0.00	43.69 2.51 0.00	43.51 2.46 0.00	45.89 2.56 0.00	66.79 3.78 0.00	79.45 3.57 0.00	64.98 3.39 0.00	59.64 3.27 0.00	56.39 3.34 0.00	54.56 3.33 0.00	54.46 3.42 0.00	55.22 3.42 0.00	56.23 3.48 0.00	63.94 3.68 0.00	73.76 4.44 0.00	93.70 5.47 0.00	83.10 4.55 0.00	70.24 3.53 0.00	63.22 3.24 0.00	59.25 3.03 0.00	54.47 3.03 0.00	50.66 2.69 0.00
AST_ENERGY_2_CC3 323677	46.53 2.42 0.00	45.41 2.16 0.00	43.09 1.90 0.00	43.03 1.85 0.00	42.85 1.80 0.00	45.15 1.82 0.00	65.65 2.65 0.01	78.23 2.36 0.01	64.06 2.47 0.01	58.73 2.37 0.01	55.64 2.60 0.01	53.93 2.71 0.01	53.84 2.81 0.01	54.44 2.64 0.01	55.43 2.69 0.01	63.03 2.77 0.01	72.70 3.40 0.01	92.28 4.06 0.01	81.91 3.38 0.01	69.23 2.53 0.01	62.32 2.34 0.01	58.34 2.14 0.01	53.60 2.16 0.00	49.90 1.92 0.00
AST_ENERGY_2_CC4 323678	46.53 2.42 0.00	45.41 2.16 0.00	43.09 1.90 0.00	43.03 1.85 0.00	42.85 1.80 0.00	45.15 1.82 0.00	65.65 2.65 0.01	78.23 2.36 0.01	64.06 2.47 0.01	58.73 2.37 0.01	55.64 2.60 0.01	53.93 2.71 0.01	53.84 2.81 0.01	54.44 2.64 0.01	55.43 2.69 0.01	63.03 2.77 0.01	72.70 3.40 0.01	92.28 4.06 0.01	81.91 3.38 0.01	69.23 2.53 0.01	62.32 2.34 0.01	58.34 2.14 0.01	53.60 2.16 0.00	49.90 1.92 0.00

ATHENS_STG_1 23668	45.48 1.37 0.00	44.59 1.34 0.00	42.42 1.23 0.00	42.41 1.23 0.00	42.27 1.23 0.00	44.59 1.26 0.00	64.97 1.96 0.00	77.63 1.75 0.00	63.14 1.54 0.00	57.72 1.35 0.00	54.43 1.38 0.00	52.51 1.28 0.00	52.42 1.38 0.00	53.20 1.40 0.00	54.17 1.42 0.00	61.83 1.56 0.00	71.47 2.15 0.00	90.70 2.47 0.00	80.74 2.20 0.00	68.51 1.80 0.00	61.49 1.50 0.00	57.56 1.35 0.00	52.72 1.29 0.00	49.13 1.15 0.00
ATHENS_STG_2 23670	45.48 1.37 0.00	44.59 1.34 0.00	42.42 1.23 0.00	42.41 1.23 0.00	42.27 1.23 0.00	44.59 1.26 0.00	64.97 1.96 0.00	77.63 1.75 0.00	63.14 1.54 0.00	57.72 1.35 0.00	54.43 1.38 0.00	52.51 1.28 0.00	52.42 1.38 0.00	53.20 1.40 0.00	54.17 1.42 0.00	61.83 1.56 0.00	71.47 2.15 0.00	90.70 2.47 0.00	80.74 2.20 0.00	68.51 1.80 0.00	61.49 1.50 0.00	57.56 1.35 0.00	52.72 1.29 0.00	49.13 1.15 0.00
ATHENS_STG_3 23677	45.48 1.37 0.00	44.59 1.34 0.00	42.42 1.23 0.00	42.41 1.23 0.00	42.27 1.23 0.00	44.59 1.26 0.00	64.97 1.96 0.00	77.63 1.75 0.00	63.14 1.54 0.00	57.72 1.35 0.00	54.43 1.38 0.00	52.51 1.28 0.00	52.42 1.38 0.00	53.20 1.40 0.00	54.17 1.42 0.00	61.83 1.56 0.00	71.47 2.15 0.00	90.70 2.47 0.00	80.74 2.20 0.00	68.51 1.80 0.00	61.49 1.50 0.00	57.56 1.35 0.00	52.72 1.29 0.00	49.13 1.15 0.00
AUBURN___LFGE 323710	43.31 -0.79 0.00	42.38 -0.86 0.00	40.45 -0.74 0.00	40.35 -0.82 0.00	40.22 -0.82 0.00	42.59 -0.74 0.00	62.00 -1.01 0.00	75.05 -0.83 0.00	60.67 -0.92 0.00	55.47 -0.90 0.00	52.04 -1.01 0.00	50.26 -0.97 0.00	50.02 -1.02 0.00	50.87 -0.93 0.00	51.91 -0.84 0.00	59.25 -1.02 -0.01	68.07 -1.25 -0.01	87.08 -1.15 0.00	77.60 -0.94 0.00	66.04 -0.67 0.00	59.39 -0.60 0.00	55.43 -0.79 0.00	50.56 -0.87 0.00	47.16 -0.82 0.00
BABYLON_RES_REC 323704	47.77 3.66 0.00	46.53 3.29 0.00	44.11 2.92 0.00	44.02 2.84 0.00	43.96 2.91 0.00	46.67 3.34 0.00	68.68 5.67 0.00	79.53 3.64 0.00	66.28 4.68 0.00	60.37 4.00 0.00	55.75 2.70 0.00	53.89 2.66 0.00	53.95 2.91 0.00	55.28 3.47 0.00	56.44 3.69 0.00	64.06 3.80 0.00	75.06 5.75 0.00	95.37 7.14 0.00	85.16 6.60 -0.01	72.11 5.40 -0.01	64.25 4.26 0.00	59.98 3.77 0.00	54.21 2.78 0.00	51.24 3.26 0.00
BALL_HILL_WT_PWR 323825	40.36 -3.75 0.00	39.05 -4.19 0.00	37.48 -3.71 0.00	37.39 -3.79 0.00	37.18 -3.86 0.00	39.39 -3.94 0.00	56.84 -6.17 0.00	68.83 -7.05 0.00	54.64 -6.96 0.00	50.62 -5.75 0.00	47.37 -5.68 0.00	45.90 -5.33 0.00	45.63 -5.41 0.00	46.31 -5.49 0.00	47.20 -5.54 0.01	53.86 -6.39 0.02	61.26 -8.04 0.02	79.67 -8.56 0.00	71.16 -7.39 0.00	60.77 -5.94 0.00	55.07 -4.92 0.00	51.04 -5.17 0.00	47.32 -4.12 0.00	43.90 -4.08 0.00
BARON_WINDS___WT_PWR 323822	41.02 -3.09 0.00	39.74 -3.50 0.00	38.06 -3.13 0.00	37.97 -3.21 0.00	37.88 -3.16 0.00	40.03 -3.29 0.00	58.22 -4.79 0.00	70.35 -5.54 0.00	55.80 -5.79 0.00	51.18 -5.18 0.00	47.80 -5.25 0.00	46.21 -5.02 0.00	45.94 -5.10 0.00	46.68 -5.13 0.00	47.61 -5.12 0.02	54.55 -5.67 0.04	62.69 -6.59 0.04	81.26 -6.97 0.00	72.57 -5.97 0.00	61.84 -4.87 0.00	56.03 -3.96 0.00	52.05 -4.16 0.00	47.94 -3.50 0.00	44.67 -3.31 0.00
BARRETT_IC_1 23704	47.37 3.26 0.00	46.19 2.94 0.00	43.83 2.64 0.00	43.73 2.55 0.00	43.63 2.59 0.00	46.28 2.95 0.00	67.67 4.66 0.00	78.84 2.96 0.00	65.42 3.82 0.00	59.75 3.38 0.00	55.44 2.39 0.00	53.64 2.41 0.00	53.69 2.65 0.00	54.81 3.00 0.00	55.91 3.16 0.00	63.46 3.19 0.00	74.17 4.85 0.00	94.05 5.82 0.00	83.97 5.42 -0.01	71.11 4.40 -0.01	63.46 3.48 0.00	59.25 3.03 0.00	53.76 2.32 0.00	50.71 2.73 0.00
BARRETT_IC_10 23701	47.37 3.26 0.00	46.19 2.94 0.00	43.83 2.64 0.00	43.73 2.55 0.00	43.63 2.59 0.00	46.28 2.95 0.00	67.67 4.66 0.00	78.84 2.96 0.00	65.42 3.82 0.00	59.75 3.38 0.00	55.44 2.39 0.00	53.64 2.41 0.00	53.69 2.65 0.00	54.81 3.00 0.00	55.91 3.16 0.00	63.46 3.19 0.00	74.17 4.85 0.00	94.05 5.82 0.00	83.97 5.42 -0.01	71.11 4.40 -0.01	63.46 3.48 0.00	59.25 3.03 0.00	53.76 2.32 0.00	50.71 2.73 0.00
BARRETT_IC_11 23702	47.37 3.26 0.00	46.19 2.94 0.00	43.83 2.64 0.00	43.73 2.55 0.00	43.63 2.59 0.00	46.28 2.95 0.00	67.67 4.66 0.00	78.84 2.96 0.00	65.42 3.82 0.00	59.75 3.38 0.00	55.44 2.39 0.00	53.64 2.41 0.00	53.69 2.65 0.00	54.81 3.00 0.00	55.91 3.16 0.00	63.46 3.19 0.00	74.17 4.85 0.00	94.05 5.82 0.00	83.97 5.42 -0.01	71.11 4.40 -0.01	63.46 3.48 0.00	59.25 3.03 0.00	53.76 2.32 0.00	50.71 2.73 0.00
BARRETT_IC_12 23703	47.37 3.26 0.00	46.19 2.94 0.00	43.83 2.64 0.00	43.73 2.55 0.00	43.63 2.59 0.00	46.28 2.95 0.00	67.67 4.66 0.00	78.84 2.96 0.00	65.42 3.82 0.00	59.75 3.38 0.00	55.44 2.39 0.00	53.64 2.41 0.00	53.69 2.65 0.00	54.81 3.00 0.00	55.91 3.16 0.00	63.46 3.19 0.00	74.17 4.85 0.00	94.05 5.82 0.00	83.97 5.42 -0.01	71.11 4.40 -0.01	63.46 3.48 0.00	59.25 3.03 0.00	53.76 2.32 0.00	50.71 2.73 0.00
BARRETT_IC_2 23705	47.37 3.26 0.00	46.19 2.94 0.00	43.83 2.64 0.00	43.73 2.55 0.00	43.63 2.59 0.00	46.28 2.95 0.00	67.67 4.66 0.00	78.84 2.96 0.00	65.42 3.82 0.00	59.75 3.38 0.00	55.44 2.39 0.00	53.64 2.41 0.00	53.69 2.65 0.00	54.81 3.00 0.00	55.91 3.16 0.00	63.46 3.19 0.00	74.17 4.85 0.00	94.05 5.82 0.00	83.97 5.42 -0.01	71.11 4.40 -0.01	63.46 3.48 0.00	59.25 3.03 0.00	53.76 2.32 0.00	50.71 2.73 0.00
BARRETT_IC_3 23706	47.37 3.26 0.00	46.19 2.94 0.00	43.83 2.64 0.00	43.73 2.55 0.00	43.63 2.59 0.00	46.28 2.95 0.00	67.67 4.66 0.00	78.84 2.96 0.00	65.42 3.82 0.00	59.75 3.38 0.00	55.44 2.39 0.00	53.64 2.41 0.00	53.69 2.65 0.00	54.81 3.00 0.00	55.91 3.16 0.00	63.46 3.19 0.00	74.17 4.85 0.00	94.05 5.82 0.00	83.97 5.42 -0.01	71.11 4.40 -0.01	63.46 3.48 0.00	59.25 3.03 0.00	53.76 2.32 0.00	50.71 2.73 0.00
BARRETT_IC_4 23707	47.37 3.26 0.00	46.19 2.94 0.00	43.83 2.64 0.00	43.73 2.55 0.00	43.63 2.59 0.00	46.28 2.95 0.00	67.67 4.66 0.00	78.84 2.96 0.00	65.42 3.82 0.00	59.75 3.38 0.00	55.44 2.39 0.00	53.64 2.41 0.00	53.69 2.65 0.00	54.81 3.00 0.00	55.91 3.16 0.00	63.46 3.19 0.00	74.17 4.85 0.00	94.05 5.82 0.00	83.97 5.42 -0.01	71.11 4.40 -0.01	63.46 3.48 0.00	59.25 3.03 0.00	53.76 2.32 0.00	50.71 2.73 0.00
BARRETT_IC_5 23708	47.37 3.26 0.00	46.19 2.94 0.00	43.83 2.64 0.00	43.73 2.55 0.00	43.63 2.59 0.00	46.28 2.95 0.00	67.67 4.66 0.00	78.84 2.96 0.00	65.42 3.82 0.00	59.75 3.38 0.00	55.44 2.39 0.00	53.64 2.41 0.00	53.69 2.65 0.00	54.81 3.00 0.00	55.91 3.16 0.00	63.46 3.19 0.00	74.17 4.85 0.00	94.05 5.82 0.00	83.97 5.42 -0.01	71.11 4.40 -0.01	63.46 3.48 0.00	59.25 3.03 0.00	53.76 2.32 0.00	50.71 2.73 0.00

BARRETT_IC_6 23709	47.37 3.26 0.00	46.19 2.94 0.00	43.83 2.64 0.00	43.73 2.55 0.00	43.63 2.59 0.00	46.28 2.95 0.00	67.67 4.66 0.00	78.84 2.96 0.00	65.42 3.82 0.00	59.75 3.38 0.00	55.44 2.39 0.00	53.64 2.41 0.00	53.69 2.65 0.00	54.81 3.00 0.00	55.91 3.16 0.00	63.46 3.19 0.00	74.17 4.85 0.00	94.05 5.82 0.00	83.97 5.42 -0.01	71.11 4.40 -0.01	63.46 3.48 0.00	59.25 3.03 0.00	53.76 2.32 0.00	50.71 2.73 0.00
BARRETT_IC_7 23710	47.37 3.26 0.00	46.14 2.90 0.00	43.78 2.59 0.00	43.73 2.55 0.00	43.63 2.59 0.00	46.28 2.95 0.00	67.74 4.73 0.00	79.07 3.19 0.00	65.42 3.82 0.00	59.75 3.38 0.00	55.44 2.39 0.00	53.64 2.41 0.00	53.70 2.65 0.00	54.81 3.00 0.00	55.91 3.16 0.00	63.64 3.37 0.00	74.31 4.99 0.00	94.58 6.35 0.00	83.98 5.42 -0.01	71.12 4.40 -0.01	63.47 3.48 0.00	59.25 3.04 0.00	54.06 2.62 0.00	50.81 2.83 0.00
BARRETT_IC_8 23711	47.37 3.26 0.00	46.19 2.94 0.00	43.83 2.64 0.00	43.73 2.55 0.00	43.63 2.59 0.00	46.28 2.95 0.00	67.67 4.66 0.00	78.84 2.96 0.00	65.42 3.82 0.00	59.75 3.38 0.00	55.44 2.39 0.00	53.64 2.41 0.00	53.69 2.65 0.00	54.81 3.00 0.00	55.91 3.16 0.00	63.46 3.19 0.00	74.17 4.85 0.00	94.05 5.82 0.00	83.97 5.42 -0.01	71.11 4.40 -0.01	63.46 3.48 0.00	59.25 3.03 0.00	53.76 2.32 0.00	50.71 2.73 0.00
BARRETT_IC_9 23700	47.37 3.26 0.00	46.19 2.94 0.00	43.83 2.64 0.00	43.73 2.55 0.00	43.63 2.59 0.00	46.28 2.95 0.00	67.67 4.66 0.00	78.84 2.96 0.00	65.42 3.82 0.00	59.75 3.38 0.00	55.44 2.39 0.00	53.64 2.41 0.00	53.69 2.65 0.00	54.81 3.00 0.00	55.91 3.16 0.00	63.46 3.19 0.00	74.17 4.85 0.00	94.05 5.82 0.00	83.97 5.42 -0.01	71.11 4.40 -0.01	63.46 3.48 0.00	59.25 3.03 0.00	53.76 2.32 0.00	50.71 2.73 0.00
BARRETT___1 23545	47.37 3.26 0.00	46.19 2.94 0.00	43.83 2.64 0.00	43.73 2.55 0.00	43.63 2.59 0.00	46.28 2.95 0.00	67.67 4.66 0.00	78.84 2.96 0.00	65.42 3.82 0.00	59.75 3.38 0.00	55.44 2.39 0.00	53.64 2.41 0.00	53.69 2.65 0.00	54.81 3.00 0.00	55.91 3.16 0.00	63.46 3.19 0.00	74.17 4.85 0.00	94.05 5.82 0.00	83.97 5.42 -0.01	71.11 4.40 -0.01	63.46 3.48 0.00	59.25 3.03 0.00	53.76 2.32 0.00	50.71 2.73 0.00
BARRETT___2 23546	47.37 3.26 0.00	46.19 2.94 0.00	43.83 2.64 0.00	43.73 2.55 0.00	43.63 2.59 0.00	46.28 2.95 0.00	67.67 4.66 0.00	78.84 2.96 0.00	65.42 3.82 0.00	59.75 3.38 0.00	55.44 2.39 0.00	53.64 2.41 0.00	53.69 2.65 0.00	54.81 3.00 0.00	55.91 3.16 0.00	63.46 3.19 0.00	74.17 4.85 0.00	94.05 5.82 0.00	83.97 5.42 -0.01	71.11 4.40 -0.01	63.46 3.48 0.00	59.25 3.03 0.00	53.76 2.32 0.00	50.71 2.73 0.00
BATAVIA__115KV_TB1 55881	41.06 -3.04 0.00	39.87 -3.37 0.00	38.43 -2.76 0.00	38.05 -3.13 0.00	37.92 -3.12 0.00	40.47 -2.86 0.00	58.35 -4.66 0.00	71.18 -4.70 0.00	56.79 -4.80 0.00	52.37 -4.00 0.00	48.97 -4.08 0.00	47.54 -3.69 0.00	47.06 -3.98 0.00	47.76 -4.04 0.00	48.84 -3.90 0.01	55.49 -4.76 0.01	63.13 -6.17 0.01	81.97 -6.26 0.00	73.05 -5.50 0.00	62.50 -4.20 0.00	56.33 -3.66 0.00	52.33 -3.88 0.00	47.84 -3.60 0.00	44.81 -3.17 0.00
BAYONEEC___CTG1 323682	46.89 2.78 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.48 2.30 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.92 3.91 0.00	79.83 3.94 0.00	65.04 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.17 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.82 3.55 0.00	73.82 4.50 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.10 3.12 0.00	59.13 2.92 0.00	54.21 2.78 0.00	50.42 2.45 0.00
BAYONEEC___CTG10 323750	46.89 2.78 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.48 2.30 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.92 3.91 0.00	79.83 3.94 0.00	65.04 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.17 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.82 3.55 0.00	73.82 4.50 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.10 3.12 0.00	59.13 2.92 0.00	54.21 2.78 0.00	50.42 2.45 0.00
BAYONEEC___CTG2 323683	46.89 2.78 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.48 2.30 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.92 3.91 0.00	79.83 3.94 0.00	65.04 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.17 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.82 3.55 0.00	73.82 4.50 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.10 3.12 0.00	59.13 2.92 0.00	54.21 2.78 0.00	50.42 2.45 0.00
BAYONEEC___CTG3 323684	46.89 2.78 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.48 2.30 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.92 3.91 0.00	79.83 3.94 0.00	65.04 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.17 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.82 3.55 0.00	73.82 4.50 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.10 3.12 0.00	59.13 2.92 0.00	54.21 2.78 0.00	50.42 2.45 0.00
BAYONEEC___CTG4 323685	46.89 2.78 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.48 2.30 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.92 3.91 0.00	79.83 3.94 0.00	65.04 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.17 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.82 3.55 0.00	73.82 4.50 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.10 3.12 0.00	59.13 2.92 0.00	54.21 2.78 0.00	50.42 2.45 0.00
BAYONEEC___CTG5 323686	46.89 2.78 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.48 2.30 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.92 3.91 0.00	79.83 3.94 0.00	65.04 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.17 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.82 3.55 0.00	73.82 4.50 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.10 3.12 0.00	59.13 2.92 0.00	54.21 2.78 0.00	50.42 2.45 0.00
BAYONEEC___CTG6 323687	46.89 2.78 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.48 2.30 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.92 3.91 0.00	79.83 3.94 0.00	65.04 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.17 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.82 3.55 0.00	73.82 4.50 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.10 3.12 0.00	59.13 2.92 0.00	54.21 2.78 0.00	50.42 2.45 0.00
BAYONEEC___CTG7 323688	46.89 2.78 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.48 2.30 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.92 3.91 0.00	79.83 3.94 0.00	65.04 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.17 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.82 3.55 0.00	73.82 4.50 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.10 3.12 0.00	59.13 2.92 0.00	54.21 2.78 0.00	50.42 2.45 0.00

BAYONEEC___CTG8 323689	46.89 2.78 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.48 2.30 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.92 3.91 0.00	79.83 3.94 0.00	65.04 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.17 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.82 3.55 0.00	73.82 4.50 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.10 3.12 0.00	59.13 2.92 0.00	54.21 2.78 0.00	50.42 2.45 0.00
BAYONEEC___CTG9 323749	46.89 2.78 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.48 2.30 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.92 3.91 0.00	79.83 3.94 0.00	65.04 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.17 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.82 3.55 0.00	73.82 4.50 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.10 3.12 0.00	59.13 2.92 0.00	54.21 2.78 0.00	50.42 2.45 0.00
BEACON___LESR 323632	45.69 1.59 0.00	44.85 1.60 0.00	42.71 1.52 0.00	42.66 1.48 0.00	42.52 1.48 0.00	44.89 1.56 0.00	64.84 1.83 0.00	77.55 1.67 0.00	63.01 1.42 0.00	57.61 1.24 0.00	54.38 1.33 0.00	52.41 1.18 0.00	52.22 1.17 0.00	53.05 1.24 0.00	54.01 1.26 0.00	61.77 1.51 0.00	71.39 2.08 0.00	90.17 1.94 0.00	80.43 1.88 0.00	68.24 1.54 0.00	61.31 1.32 0.00	57.56 1.35 0.00	52.98 1.54 0.00	49.41 1.44 0.00
BEAVER RIVER___HYD 24048	43.89 -0.22 0.00	43.03 -0.22 0.00	40.94 -0.25 0.00	41.10 -0.08 0.00	41.04 0.00 0.00	43.29 -0.04 0.00	63.33 0.32 0.00	77.63 1.75 0.00	62.28 0.68 0.00	56.59 0.23 0.00	53.05 0.00 0.00	51.13 -0.10 0.00	50.89 -0.15 0.00	51.75 -0.05 0.00	52.70 -0.05 0.00	60.20 -0.06 0.00	69.32 0.00 0.00	88.50 0.27 0.00	78.31 -0.23 0.00	66.64 -0.07 0.00	60.46 0.48 0.00	56.78 0.56 0.00	51.95 0.51 0.00	48.51 0.53 0.00
BEEBEE_GT_13 23619	41.77 -2.34 0.00	40.74 -2.51 0.00	39.09 -2.10 0.00	38.83 -2.35 0.00	38.66 -2.38 0.00	41.08 -2.25 0.00	59.36 -3.65 0.00	72.17 -3.72 0.00	58.02 -3.57 0.00	53.44 -2.93 0.00	50.08 -2.97 0.00	48.62 -2.61 0.00	48.18 -2.86 0.00	48.96 -2.85 0.00	50.00 -2.74 0.00	56.70 -3.56 0.01	64.66 -4.64 0.01	83.64 -4.59 0.00	74.38 -4.16 0.00	63.44 -3.27 0.00	57.29 -2.70 0.00	53.40 -2.81 0.00	48.71 -2.73 0.00	45.58 -2.40 0.00
BENSHRST_27_KV_BENSHRST_1 355998	47.50 3.40 0.00	46.32 3.07 0.00	43.95 2.76 0.00	43.94 2.76 0.00	43.79 2.75 0.00	46.19 2.86 0.00	66.98 3.97 0.00	79.68 3.79 0.00	65.05 3.45 0.00	59.75 3.38 0.00	56.66 3.61 0.00	54.87 3.64 0.00	54.82 3.78 0.00	55.59 3.78 0.00	56.50 3.75 0.00	64.24 3.98 0.00	74.24 4.92 0.00	94.32 6.09 0.00	83.65 5.11 0.00	70.71 4.00 0.00	63.59 3.60 0.00	59.64 3.43 0.00	55.04 3.60 0.00	51.10 3.12 0.00
BETHLEHEM___GRP 23843	45.21 1.10 0.00	44.33 1.08 0.00	42.22 1.03 0.00	42.21 1.03 0.00	42.07 1.03 0.00	44.33 1.00 0.00	63.89 0.88 0.00	76.26 0.38 0.00	62.09 0.49 0.00	56.76 0.39 0.00	53.63 0.58 0.00	51.74 0.51 0.00	51.60 0.56 0.00	52.37 0.57 0.00	53.33 0.58 0.00	60.93 0.66 0.00	70.42 1.11 0.00	88.67 0.44 0.00	79.10 0.55 0.00	67.17 0.47 0.00	60.47 0.48 0.00	56.78 0.56 0.00	52.36 0.93 0.00	48.84 0.86 0.00
BETHLEHEM___GS1 323560	45.17 1.06 0.00	44.33 1.08 0.00	42.22 1.03 0.00	42.21 1.03 0.00	42.03 0.98 0.00	44.33 1.00 0.00	63.89 0.88 0.00	76.34 0.46 0.00	62.09 0.49 0.00	56.76 0.40 0.00	53.64 0.58 0.00	51.74 0.51 0.00	51.60 0.56 0.00	52.38 0.57 0.00	53.33 0.58 0.00	60.93 0.66 0.00	70.36 1.04 0.00	88.67 0.44 0.00	79.10 0.55 0.00	67.17 0.47 0.00	60.41 0.42 0.00	56.78 0.56 0.00	52.31 0.87 0.00	48.84 0.86 0.00
BETHLEHEM___GS2 323561	45.17 1.06 0.00	44.33 1.08 0.00	42.22 1.03 0.00	42.21 1.03 0.00	42.03 0.98 0.00	44.33 1.00 0.00	63.89 0.88 0.00	76.34 0.46 0.00	62.09 0.49 0.00	56.76 0.40 0.00	53.64 0.58 0.00	51.74 0.51 0.00	51.60 0.56 0.00	52.38 0.57 0.00	53.33 0.58 0.00	60.93 0.66 0.00	70.36 1.04 0.00	88.67 0.44 0.00	79.10 0.55 0.00	67.17 0.47 0.00	60.41 0.42 0.00	56.78 0.56 0.00	52.31 0.87 0.00	48.84 0.86 0.00
BETHLEHEM___GS3 323562	45.17 1.06 0.00	44.33 1.08 0.00	42.22 1.03 0.00	42.21 1.03 0.00	42.03 0.98 0.00	44.33 1.00 0.00	63.89 0.88 0.00	76.34 0.46 0.00	62.09 0.49 0.00	56.76 0.40 0.00	53.64 0.58 0.00	51.74 0.51 0.00	51.60 0.56 0.00	52.38 0.57 0.00	53.33 0.58 0.00	60.93 0.66 0.00	70.36 1.04 0.00	88.67 0.44 0.00	79.10 0.55 0.00	67.17 0.47 0.00	60.41 0.42 0.00	56.78 0.56 0.00	52.31 0.87 0.00	48.84 0.86 0.00
BETHLEHEM___STEEL 23779	40.18 -3.93 0.00	39.09 -4.15 0.00	37.48 -3.71 0.00	37.18 -3.99 0.00	37.02 -4.02 0.00	39.52 -3.81 0.00	56.77 -6.24 0.00	68.98 -6.91 0.00	54.94 -6.65 0.00	50.84 -5.52 0.00	47.59 -5.46 0.00	46.16 -5.07 0.00	45.83 -5.21 0.00	46.47 -5.34 0.00	47.47 -5.27 0.01	54.28 -5.97 0.02	61.74 -7.56 0.02	79.23 -9.00 0.00	70.77 -7.78 0.00	60.50 -6.20 0.00	54.89 -5.10 0.00	51.04 -5.17 0.00	46.91 -4.53 0.00	43.85 -4.13 0.00
BETHLHEM_115KV_TB1 79974	45.21 1.10 0.00	44.33 1.08 0.00	42.26 1.07 0.00	42.21 1.03 0.00	42.07 1.03 0.00	44.37 1.04 0.00	64.02 1.01 0.00	76.42 0.53 0.00	62.21 0.62 0.00	56.87 0.51 0.00	53.69 0.64 0.00	51.84 0.61 0.00	51.65 0.61 0.00	52.48 0.67 0.00	53.44 0.69 0.00	61.05 0.78 0.00	70.49 1.18 0.00	88.94 0.71 0.00	79.33 0.79 0.00	67.37 0.67 0.00	60.59 0.60 0.00	56.89 0.67 0.00	52.42 0.98 0.00	48.84 0.86 0.00
BETHPAGE_CC_5 323564	47.59 3.48 0.00	46.40 3.16 0.00	43.99 2.80 0.00	43.89 2.72 0.00	43.79 2.75 0.00	46.49 3.16 0.00	68.36 5.35 0.00	79.38 3.49 0.00	66.03 4.44 0.00	60.20 3.83 0.00	55.81 2.76 0.00	53.89 2.66 0.00	53.95 2.91 0.00	55.22 3.42 0.00	56.39 3.64 0.00	64.00 3.74 0.00	74.93 5.61 0.00	95.12 6.89 0.00	84.92 6.36 -0.01	71.85 5.14 -0.01	64.07 4.08 0.00	59.81 3.60 0.00	54.11 2.67 0.00	51.09 3.12 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.18 -3.93 0.00	39.09 -4.15 0.00	37.48 -3.71 0.00	37.18 -3.99 0.00	37.02 -4.02 0.00	39.52 -3.81 0.00	56.90 -6.11 0.00	69.21 -6.68 0.00	55.13 -6.47 0.00	51.01 -5.35 0.00	47.75 -5.31 0.00	46.26 -4.97 0.00	45.99 -5.05 0.00	46.62 -5.18 0.00	47.57 -5.17 0.01	54.46 -5.79 0.02	62.09 -7.21 0.02	79.41 -8.82 0.00	70.93 -7.62 0.00	60.63 -6.07 0.00	55.01 -4.98 0.00	51.15 -5.06 0.00	47.01 -4.42 0.00	43.90 -4.08 0.00
BINGHAMTON___COGEN 23790	43.80 -0.31 0.00	42.86 -0.39 0.00	40.86 -0.33 0.00	40.77 -0.41 0.00	40.63 -0.41 0.00	43.03 -0.30 0.00	62.63 -0.38 0.00	75.43 -0.46 0.00	60.92 -0.68 0.00	55.80 -0.56 0.00	52.41 -0.64 0.00	50.61 -0.61 0.00	50.43 -0.61 0.00	51.18 -0.62 0.00	52.17 -0.58 0.00	59.72 -0.54 0.00	68.76 -0.55 0.00	87.61 -0.62 0.00	78.08 -0.47 0.00	66.37 -0.33 0.00	59.75 -0.24 0.00	55.76 -0.45 0.00	50.98 -0.46 0.00	47.59 -0.38 0.00

BIXINCNT_115KV_LOAD 355685	39.48 -4.63 0.00	38.40 -4.84 0.00	36.86 -4.32 0.00	36.48 -4.69 0.00	36.41 -4.64 0.00	38.74 -4.59 0.00	56.02 -6.99 0.00	68.07 -7.82 0.00	54.08 -7.51 0.00	49.94 -6.43 0.00	46.84 -6.21 0.00	45.03 -6.20 0.00	45.02 -6.02 0.00	45.59 -6.22 0.00	46.62 -6.12 0.01	53.61 -6.63 0.02	61.60 -7.69 0.02	78.00 -10.23 0.00	69.75 -8.80 0.00	59.70 -7.00 0.00	54.23 -5.76 0.00	50.65 -5.57 0.00	46.71 -4.73 0.00	43.51 -4.46 0.00
BLACK RIVER___HYD 24047	43.93 -0.18 0.00	43.07 -0.17 0.00	40.94 -0.25 0.00	41.05 -0.12 0.00	40.92 -0.12 0.00	43.29 -0.04 0.00	63.39 0.38 0.00	77.63 1.75 0.00	62.09 0.49 0.00	56.31 -0.06 0.00	52.89 -0.16 0.00	50.92 -0.31 0.00	50.63 -0.41 0.00	51.44 -0.36 0.00	52.33 -0.42 0.00	60.02 -0.24 0.00	69.32 0.00 0.00	89.02 0.79 0.00	78.94 0.39 0.00	66.97 0.27 0.00	60.76 0.78 0.00	56.78 0.56 0.00	51.90 0.46 0.00	48.41 0.43 0.00
BLACKRVR_115KV_TB2 79977	43.93 -0.18 0.00	43.03 -0.22 0.00	40.94 -0.25 0.00	41.01 -0.16 0.00	40.92 -0.12 0.00	43.29 -0.04 0.00	63.39 0.38 0.00	77.63 1.75 0.00	62.09 0.49 0.00	56.31 -0.06 0.00	52.89 -0.16 0.00	50.92 -0.31 0.00	50.63 -0.41 0.00	51.44 -0.36 0.00	52.33 -0.42 0.00	60.02 -0.24 0.00	69.25 -0.07 0.00	89.02 0.79 0.00	78.94 0.39 0.00	66.90 0.20 0.00	60.77 0.78 0.00	56.78 0.56 0.00	51.90 0.46 0.00	48.41 0.43 0.00
BLDWN_LI_69_KV_BK4 356085	47.64 3.53 0.00	46.40 3.16 0.00	43.99 2.80 0.00	43.94 2.76 0.00	43.83 2.79 0.00	46.54 3.21 0.00	68.30 5.29 0.00	79.68 3.79 0.00	65.97 4.37 0.00	60.14 3.78 0.00	55.86 2.81 0.00	54.00 2.77 0.00	54.05 3.01 0.00	55.28 3.47 0.00	56.39 3.64 0.00	64.24 3.98 0.00	75.07 5.75 0.00	95.55 7.32 0.00	85.00 6.44 -0.01	71.99 5.27 -0.01	64.19 4.20 0.00	59.87 3.65 0.00	54.52 3.09 0.00	51.19 3.21 0.00
BLISS_WT_PWR 323608	39.48 -4.63 0.00	38.19 -5.06 0.00	36.70 -4.49 0.00	36.52 -4.65 0.00	36.41 -4.64 0.00	38.43 -4.90 0.00	55.70 -7.31 0.00	67.46 -8.43 0.00	53.65 -7.95 0.00	49.55 -6.82 0.00	46.47 -6.58 0.00	44.62 -6.61 0.00	44.66 -6.38 0.00	45.33 -6.48 0.00	46.30 -6.44 0.01	52.77 -7.47 0.02	60.29 -9.01 0.02	77.73 -10.50 0.00	69.36 -9.19 0.00	59.50 -7.21 0.00	53.99 -6.00 0.00	50.42 -5.79 0.00	46.86 -4.58 0.00	43.37 -4.61 0.00
BLUESTONE___WT_PWR 323821	45.08 0.97 0.00	44.11 0.86 0.00	42.06 0.87 0.00	42.00 0.82 0.00	41.91 0.86 0.00	44.41 1.08 0.00	65.03 2.02 0.00	78.84 2.96 0.00	63.26 1.66 0.00	57.66 1.30 0.00	54.17 1.12 0.00	52.20 0.97 0.00	51.96 0.92 0.00	52.68 0.88 0.00	53.71 0.95 -0.01	61.66 1.39 -0.01	71.26 1.94 -0.01	92.55 4.32 0.00	82.16 3.62 0.00	69.57 2.87 0.00	62.87 2.88 0.00	57.78 1.57 0.00	52.93 1.49 0.00	49.37 1.39 0.00
BLUE_CIRC_CHEM_DRP 24182	45.48 1.37 0.00	44.63 1.38 0.00	42.55 1.36 0.00	42.54 1.36 0.00	42.36 1.31 0.00	44.67 1.34 0.00	64.65 1.64 0.00	77.25 1.37 0.00	62.77 1.17 0.00	57.27 0.90 0.00	54.01 0.95 0.00	52.10 0.87 0.00	51.91 0.87 0.00	52.74 0.93 0.00	53.75 1.00 0.00	61.53 1.27 0.00	71.12 1.80 0.00	90.08 1.85 0.00	80.27 1.73 0.00	68.10 1.40 0.00	61.25 1.26 0.00	57.45 1.24 0.00	52.78 1.34 0.00	49.22 1.25 0.00
BOC_GAS_DRP 24189	45.12 1.01 0.00	44.24 0.99 0.00	42.14 0.95 0.00	42.12 0.95 0.00	41.99 0.94 0.00	44.28 0.95 0.00	64.21 1.20 0.00	76.79 0.91 0.00	62.46 0.86 0.00	57.10 0.73 0.00	53.85 0.80 0.00	52.00 0.77 0.00	51.86 0.82 0.00	52.63 0.83 0.00	53.59 0.84 0.00	61.23 0.96 0.00	70.70 1.39 0.00	89.47 1.24 0.00	79.72 1.18 0.00	67.70 1.00 0.00	60.83 0.84 0.00	57.06 0.84 0.00	52.36 0.93 0.00	48.79 0.82 0.00
BOONVILLE_115KV_TB1 79983	44.55 0.44 0.00	43.68 0.43 0.00	41.56 0.37 0.00	41.67 0.49 0.00	41.54 0.49 0.00	43.94 0.61 0.00	64.14 1.13 0.00	78.77 2.88 0.00	63.38 1.79 0.00	57.66 1.30 0.00	54.22 1.17 0.00	52.25 1.02 0.00	52.01 0.97 0.00	52.84 1.04 0.00	53.86 1.11 0.00	61.71 1.45 0.00	71.19 1.87 0.00	89.91 1.68 0.00	79.72 1.18 0.00	67.70 1.00 0.00	61.19 1.20 0.00	57.17 0.96 0.00	52.36 0.93 0.00	48.84 0.86 0.00
BORALEX_4TH_BRANCH 23824	46.31 2.21 0.00	45.41 2.16 0.00	43.25 2.06 0.00	43.24 2.06 0.00	43.06 2.01 0.00	45.41 2.08 0.00	65.97 2.96 0.00	79.00 3.11 0.00	64.18 2.59 0.00	58.68 2.31 0.00	55.28 2.23 0.00	53.38 2.15 0.00	53.18 2.14 0.00	53.98 2.18 0.00	54.97 2.22 0.00	62.85 2.59 0.00	72.64 3.33 0.00	92.20 3.97 0.00	82.16 3.61 0.00	69.64 2.93 0.00	62.57 2.58 0.00	58.57 2.36 0.00	53.50 2.06 0.00	49.94 1.97 0.00
BOWLINE___1 23526	46.31 2.20 0.00	45.32 2.08 0.00	43.09 1.90 0.00	43.07 1.90 0.00	42.89 1.85 0.00	45.32 1.99 0.00	66.28 3.27 0.00	79.00 3.11 0.00	64.30 2.71 0.00	58.84 2.48 0.00	55.44 2.39 0.00	53.54 2.31 0.00	53.49 2.45 0.00	54.24 2.44 0.00	55.23 2.48 0.00	62.98 2.71 0.00	72.92 3.60 0.00	92.73 4.50 0.00	82.47 3.93 0.00	69.77 3.07 0.00	62.56 2.58 0.00	58.57 2.36 0.00	53.60 2.16 0.00	49.90 1.92 0.00
BOWLINE___2 23595	46.31 2.20 0.00	45.32 2.08 0.00	43.09 1.90 0.00	43.07 1.90 0.00	42.89 1.85 0.00	45.32 1.99 0.00	66.28 3.27 0.00	79.00 3.11 0.00	64.24 2.65 0.00	58.79 2.42 0.00	55.44 2.39 0.00	53.54 2.31 0.00	53.44 2.40 0.00	54.24 2.44 0.00	55.18 2.43 0.00	62.98 2.71 0.00	72.92 3.60 0.00	92.73 4.50 0.00	82.39 3.85 0.00	69.77 3.07 0.00	62.56 2.58 0.00	58.52 2.31 0.00	53.60 2.16 0.00	49.90 1.92 0.00
BRADY___115KV_TB2 356060	45.17 1.06 0.00	44.41 1.17 0.00	42.18 0.99 0.00	42.29 1.11 0.00	42.19 1.15 0.00	44.50 1.17 0.00	64.90 1.89 0.00	78.92 3.04 0.00	63.69 2.09 0.00	58.11 1.75 0.00	54.54 1.49 0.00	52.66 1.43 0.00	52.42 1.38 0.00	53.15 1.35 0.00	54.07 1.32 0.00	61.83 1.57 0.00	70.70 1.39 0.00	90.52 2.29 0.00	80.51 1.96 0.00	68.44 1.73 0.00	62.09 2.10 0.00	58.29 2.08 0.00	53.29 1.85 0.00	49.80 1.82 0.00
BRANSCOMB___SOLAR 323811	45.92 1.81 0.00	45.10 1.86 0.00	43.00 1.81 0.00	42.95 1.77 0.00	42.77 1.72 0.00	45.19 1.86 0.00	65.72 2.71 0.00	78.77 2.88 0.00	63.81 2.21 0.00	58.22 1.86 0.00	54.91 1.86 0.00	52.87 1.64 0.00	52.62 1.58 0.00	53.36 1.55 0.00	54.44 1.69 0.00	62.37 2.11 0.00	72.16 2.84 0.00	91.67 3.44 0.00	81.69 3.15 0.00	69.17 2.47 0.00	62.21 2.22 0.00	58.29 2.08 0.00	53.34 1.90 0.00	49.75 1.78 0.00
BRDGHMPT_69_KV_BK1 55812	47.90 3.79 0.00	46.66 3.42 0.00	44.20 3.01 0.00	44.14 2.96 0.00	44.12 3.08 0.00	46.93 3.60 0.00	68.81 5.80 0.00	79.60 3.72 0.00	66.22 4.62 0.00	60.31 3.95 0.00	55.70 2.65 0.00	53.69 2.46 0.00	53.80 2.76 0.00	55.43 3.63 0.00	56.65 3.90 0.00	64.36 4.10 0.00	75.55 6.24 0.00	96.08 7.85 0.00	85.62 7.07 -0.01	72.45 5.74 -0.01	64.25 4.26 0.00	60.04 3.82 0.00	54.42 2.98 0.00	51.53 3.55 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	48.17 4.06 0.00	46.88 3.63 0.00	44.44 3.25 0.00	44.35 3.17 0.00	44.29 3.24 0.00	47.10 3.77 0.00	69.37 6.36 0.00	80.29 4.40 0.00	66.89 5.30 0.00	60.88 4.51 0.00	56.13 3.08 0.00	54.20 2.97 0.00	54.31 3.27 0.00	55.69 3.89 0.00	56.86 4.11 0.00	64.72 4.46 0.00	75.83 6.52 0.00	96.52 8.29 0.00	85.94 7.38 -0.01	72.78 6.07 -0.01	64.73 4.74 0.00	60.37 4.16 0.00	54.88 3.45 0.00	51.72 3.74 0.00
BRISTLHL_115KV_TB1 79998	42.61 -1.50 0.00	41.73 -1.51 0.00	39.79 -1.40 0.00	39.74 -1.44 0.00	39.61 -1.44 0.00	41.86 -1.47 0.00	60.80 -2.21 0.00	73.38 -2.50 0.00	59.50 -2.09 0.00	54.45 -1.92 0.00	51.19 -1.86 0.00	49.44 -1.79 0.00	49.25 -1.79 0.00	50.04 -1.76 0.00	51.01 -1.74 0.00	58.21 -2.05 0.00	66.89 -2.43 0.00	85.32 -2.91 0.00	76.03 -2.51 0.00	64.64 -2.07 0.00	58.13 -1.86 0.00	54.36 -1.86 0.00	49.64 -1.80 0.00	46.35 -1.63 0.00
BROOKHAVEN___DRP 24191	47.73 3.62 0.00	46.45 3.20 0.00	44.03 2.84 0.00	43.94 2.76 0.00	43.88 2.83 0.00	46.67 3.34 0.00	68.55 5.54 0.00	79.37 3.49 0.00	66.09 4.50 0.00	60.20 3.83 0.00	55.49 2.44 0.00	53.59 2.36 0.00	53.70 2.65 0.00	55.12 3.32 0.00	56.34 3.59 0.00	63.94 3.68 0.00	74.93 5.61 0.00	95.47 7.23 0.00	85.00 6.44 -0.01	71.92 5.20 -0.01	63.95 3.96 0.00	59.81 3.60 0.00	54.37 2.93 0.00	51.24 3.26 0.00
BROOKLYN_NAVY_YARD 23515	46.84 2.74 0.00	45.75 2.51 0.00	43.45 2.26 0.00	43.44 2.26 0.00	43.26 2.21 0.00	45.71 2.38 0.00	66.85 3.84 0.00	79.75 3.87 0.00	64.98 3.39 0.00	59.52 3.15 0.00	56.13 3.08 0.00	54.20 2.97 0.00	54.10 3.06 0.00	54.97 3.16 0.00	55.97 3.22 0.00	63.76 3.49 0.00	73.82 4.50 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.10 3.12 0.00	59.13 2.92 0.00	54.21 2.78 0.00	50.37 2.40 0.00
BROOKLYN___ARMY_DRP 323595	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
BROOME_2_LFGE 323671	43.85 -0.26 0.00	42.86 -0.39 0.00	40.86 -0.33 0.00	40.85 -0.33 0.00	40.71 -0.33 0.00	43.03 -0.30 0.00	62.63 -0.38 0.00	75.36 -0.53 0.00	60.92 -0.68 0.00	55.80 -0.56 0.00	52.42 -0.63 0.00	50.62 -0.61 0.00	50.43 -0.61 0.00	51.24 -0.57 0.00	52.17 -0.58 0.00	59.60 -0.66 0.00	68.62 -0.69 0.00	87.70 -0.53 0.00	78.08 -0.47 0.00	66.37 -0.33 0.00	59.75 -0.24 0.00	55.76 -0.45 0.00	51.02 -0.41 0.00	47.59 -0.39 0.00
BROOME___LFGE 323600	43.85 -0.26 0.00	42.86 -0.39 0.00	40.86 -0.33 0.00	40.85 -0.33 0.00	40.71 -0.33 0.00	43.03 -0.30 0.00	62.63 -0.38 0.00	75.36 -0.53 0.00	60.92 -0.68 0.00	55.80 -0.56 0.00	52.42 -0.63 0.00	50.62 -0.61 0.00	50.43 -0.61 0.00	51.24 -0.57 0.00	52.17 -0.58 0.00	59.60 -0.66 0.00	68.62 -0.69 0.00	87.70 -0.53 0.00	78.08 -0.47 0.00	66.37 -0.33 0.00	59.75 -0.24 0.00	55.76 -0.45 0.00	51.02 -0.41 0.00	47.59 -0.39 0.00
BROWNFLS_115KV_TB_3_5 80003	44.06 -0.04 0.00	43.25 0.00 0.00	41.11 -0.08 0.00	41.26 0.08 0.00	41.17 0.12 0.00	43.37 0.04 0.00	63.39 0.38 0.00	77.48 1.59 0.00	62.40 0.80 0.00	56.76 0.39 0.00	53.37 0.32 0.00	51.48 0.26 0.00	51.25 0.20 0.00	52.01 0.21 0.00	52.96 0.21 0.00	60.32 0.06 0.00	68.97 -0.35 0.00	87.97 -0.26 0.00	78.00 -0.55 0.00	66.37 -0.33 0.00	60.47 0.48 0.00	56.94 0.73 0.00	52.06 0.62 0.00	48.65 0.67 0.00
BROWNSV1_27_KV_LOAD 356125	47.20 3.09 0.00	46.06 2.81 0.00	43.74 2.55 0.00	43.77 2.59 0.00	43.59 2.54 0.00	46.06 2.73 0.00	67.42 4.41 0.00	80.44 4.55 0.00	65.48 3.88 0.00	59.97 3.61 0.00	56.60 3.55 0.00	54.71 3.48 0.00	54.61 3.57 0.00	55.43 3.63 0.00	56.44 3.69 0.00	64.36 4.10 0.00	74.51 5.20 0.00	94.76 6.53 0.00	83.97 5.42 0.00	71.04 4.34 0.00	63.65 3.66 0.00	59.59 3.37 0.00	54.73 3.29 0.00	50.81 2.83 0.00
BURROWS___LYONSDAL 23803	44.33 0.22 0.00	43.46 0.22 0.00	41.35 0.16 0.00	41.47 0.29 0.00	41.37 0.33 0.00	43.76 0.43 0.00	63.89 0.88 0.00	78.46 2.58 0.00	63.08 1.48 0.00	57.38 1.01 0.00	53.85 0.80 0.00	51.89 0.67 0.00	51.65 0.61 0.00	52.58 0.78 0.00	53.54 0.79 0.00	61.35 1.08 0.00	70.77 1.46 0.00	89.55 1.32 0.00	79.25 0.71 0.00	67.37 0.67 0.00	60.95 0.96 0.00	57.06 0.84 0.00	52.21 0.77 0.00	48.74 0.77 0.00
CAITHNESS_CC_1 323624	47.59 3.48 0.00	46.40 3.16 0.00	43.95 2.76 0.00	43.85 2.67 0.00	43.79 2.75 0.00	46.54 3.21 0.00	68.36 5.35 0.00	78.84 2.96 0.00	65.97 4.37 0.00	60.09 3.72 0.00	55.38 2.33 0.00	53.48 2.25 0.00	53.59 2.55 0.00	55.02 3.21 0.00	56.18 3.43 0.00	63.46 3.19 0.00	74.58 5.27 0.00	94.67 6.44 0.00	84.60 6.05 -0.01	71.58 4.87 -0.01	63.71 3.72 0.00	59.64 3.43 0.00	53.91 2.47 0.00	51.05 3.07 0.00
CALPINE BETH_PAGE_GT4 24209	47.50 3.40 0.00	46.27 3.03 0.00	43.87 2.68 0.00	43.81 2.64 0.00	43.71 2.67 0.00	46.41 3.08 0.00	68.24 5.23 0.00	79.45 3.57 0.00	65.91 4.31 0.00	60.09 3.72 0.00	55.70 2.65 0.00	53.84 2.61 0.00	53.90 2.86 0.00	55.17 3.37 0.00	56.28 3.53 0.00	64.12 3.86 0.00	74.93 5.61 0.00	95.38 7.15 0.00	84.76 6.21 -0.01	71.78 5.07 -0.01	64.01 4.02 0.00	59.70 3.49 0.00	54.37 2.93 0.00	51.05 3.07 0.00
CALPINE_BETH_PAGE_GT_4 323586	47.51 3.40 0.00	46.32 3.07 0.00	43.91 2.72 0.00	43.82 2.64 0.00	43.71 2.67 0.00	46.41 3.08 0.00	68.18 5.17 0.00	79.30 3.42 0.00	65.91 4.31 0.00	60.09 3.72 0.00	55.70 2.65 0.00	53.84 2.61 0.00	53.90 2.86 0.00	55.12 3.32 0.00	56.28 3.53 0.00	63.94 3.68 0.00	74.79 5.47 0.00	94.93 6.70 0.00	84.76 6.20 -0.01	71.72 5.01 -0.01	63.95 3.96 0.00	59.70 3.49 0.00	54.06 2.62 0.00	50.95 2.98 0.00
CALPINE_BP_GT1 23823	47.51 3.40 0.00	46.32 3.07 0.00	43.91 2.72 0.00	43.82 2.64 0.00	43.71 2.67 0.00	46.41 3.08 0.00	68.18 5.17 0.00	79.30 3.42 0.00	65.91 4.31 0.00	60.09 3.72 0.00	55.70 2.65 0.00	53.84 2.61 0.00	53.90 2.86 0.00	55.12 3.32 0.00	56.28 3.53 0.00	63.94 3.68 0.00	74.79 5.47 0.00	94.93 6.70 0.00	84.76 6.20 -0.01	71.72 5.01 -0.01	63.95 3.96 0.00	59.70 3.49 0.00	54.06 2.62 0.00	50.95 2.98 0.00
CALSPAN___DRP 24200	40.18 -3.93 0.00	39.09 -4.15 0.00	37.48 -3.71 0.00	37.18 -3.99 0.00	37.02 -4.02 0.00	39.52 -3.81 0.00	56.77 -6.24 0.00	68.98 -6.91 0.00	54.94 -6.65 0.00	50.84 -5.52 0.00	47.59 -5.46 0.00	46.16 -5.07 0.00	45.83 -5.21 0.00	46.47 -5.34 0.00	47.47 -5.27 0.01	54.28 -5.97 0.02	61.74 -7.56 0.02	79.23 -9.00 0.00	70.77 -7.78 0.00	60.50 -6.20 0.00	54.89 -5.10 0.00	51.04 -5.17 0.00	46.91 -4.53 0.00	43.85 -4.13 0.00

CALVERTON___SOLAR 323806	47.81 3.71 0.00	46.58 3.33 0.00	44.16 2.97 0.00	44.02 2.84 0.00	43.96 2.91 0.00	46.75 3.42 0.00	68.68 5.67 0.00	79.22 3.34 0.00	66.15 4.56 0.00	60.25 3.89 0.00	55.54 2.49 0.00	53.59 2.36 0.00	53.74 2.70 0.00	55.22 3.42 0.00	56.44 3.69 0.00	63.76 3.49 0.00	75.00 5.68 0.00	95.29 7.06 0.00	85.15 6.60 -0.01	72.05 5.34 -0.01	64.12 4.14 0.00	59.98 3.77 0.00	54.11 2.67 0.00	51.28 3.31 0.00
CANDIGU_WT_PWR 323617	41.02 -3.09 0.00	39.74 -3.50 0.00	38.06 -3.13 0.00	37.97 -3.21 0.00	37.88 -3.16 0.00	40.03 -3.29 0.00	58.22 -4.79 0.00	70.35 -5.54 0.00	55.80 -5.79 0.00	51.18 -5.18 0.00	47.80 -5.25 0.00	46.21 -5.02 0.00	45.94 -5.10 0.00	46.68 -5.13 0.00	47.61 -5.12 0.02	54.55 -5.67 0.04	62.69 -6.59 0.04	81.26 -6.97 0.00	72.57 -5.97 0.00	61.84 -4.87 0.00	56.03 -3.96 0.00	52.05 -4.16 0.00	47.94 -3.50 0.00	44.67 -3.31 0.00
CARR STREET_E_SYR 24060	43.10 -1.01 0.00	42.17 -1.08 0.00	40.20 -0.99 0.00	40.15 -1.03 0.00	40.02 -1.02 0.00	42.29 -1.04 0.00	61.31 -1.70 0.00	73.91 -1.97 0.00	60.00 -1.60 0.00	54.90 -1.47 0.00	51.62 -1.43 0.00	49.85 -1.38 0.00	49.67 -1.38 0.00	50.46 -1.35 0.00	51.43 -1.32 0.00	58.76 -1.50 0.00	67.51 -1.80 0.00	86.03 -2.20 0.00	76.59 -1.96 0.00	65.10 -1.60 0.00	58.55 -1.44 0.00	54.75 -1.46 0.00	50.20 -1.24 0.00	46.78 -1.20 0.00
CARTHAGE___PAPER 23857	43.98 -0.13 0.00	43.12 -0.13 0.00	40.98 -0.20 0.00	41.14 -0.04 0.00	41.04 0.00 0.00	43.37 0.04 0.00	63.51 0.50 0.00	77.85 1.97 0.00	62.40 0.80 0.00	56.59 0.23 0.00	53.05 0.00 0.00	51.08 -0.15 0.00	50.84 -0.20 0.00	51.70 -0.10 0.00	52.59 -0.16 0.00	60.20 -0.06 0.00	69.45 0.14 0.00	88.93 0.70 0.00	78.78 0.24 0.00	66.90 0.20 0.00	60.76 0.78 0.00	56.89 0.68 0.00	52.06 0.62 0.00	48.55 0.58 0.00
CASSADAGA_WT_PWR 323784	39.48 -4.63 0.00	38.23 -5.02 0.00	36.70 -4.49 0.00	36.65 -4.53 0.00	36.41 -4.64 0.00	38.61 -4.72 0.00	56.01 -7.00 0.00	67.84 -8.05 0.00	54.08 -7.52 0.00	49.89 -6.48 0.00	46.58 -6.47 0.00	45.08 -6.15 0.00	44.66 -6.38 0.00	45.33 -6.48 0.00	46.25 -6.49 0.01	53.01 -7.23 0.02	60.49 -8.80 0.02	80.38 -7.85 0.00	71.87 -6.68 0.00	60.63 -6.07 0.00	55.07 -4.92 0.00	51.21 -5.00 0.00	47.48 -3.96 0.00	43.90 -4.08 0.00
CE_DUNWOOD___DRP 24194	46.53 2.43 0.00	45.49 2.25 0.00	43.21 2.02 0.00	43.24 2.06 0.00	43.10 2.05 0.00	45.50 2.17 0.00	66.60 3.59 0.00	79.37 3.49 0.00	64.62 3.02 0.00	59.13 2.76 0.00	55.70 2.65 0.00	53.84 2.61 0.00	53.75 2.71 0.00	54.55 2.75 0.00	55.55 2.80 0.00	63.40 3.13 0.00	73.40 4.09 0.00	93.26 5.03 0.00	82.87 4.32 0.00	70.11 3.40 0.00	62.87 2.88 0.00	58.80 2.59 0.00	53.91 2.47 0.00	50.14 2.16 0.00
CE_MILLWOOD___DRP 24193	46.49 2.38 0.00	45.41 2.16 0.00	43.17 1.98 0.00	43.20 2.02 0.00	43.01 1.97 0.00	45.45 2.12 0.00	66.48 3.47 0.00	79.22 3.34 0.00	64.49 2.90 0.00	59.02 2.65 0.00	55.65 2.60 0.00	53.74 2.51 0.00	53.64 2.60 0.00	54.50 2.69 0.00	55.44 2.69 0.00	63.28 3.01 0.00	73.27 3.95 0.00	93.17 4.94 0.00	82.71 4.16 0.00	70.04 3.34 0.00	62.81 2.82 0.00	58.74 2.53 0.00	53.86 2.42 0.00	50.04 2.06 0.00
CE_NYC2_DRP 24202	47.15 3.04 0.00	45.97 2.72 0.00	43.66 2.47 0.00	43.65 2.47 0.00	43.51 2.46 0.00	45.93 2.60 0.00	66.85 3.84 0.00	79.53 3.64 0.00	64.98 3.39 0.00	59.64 3.27 0.00	56.39 3.34 0.00	54.56 3.33 0.00	54.46 3.42 0.00	55.28 3.47 0.00	56.23 3.48 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.88 5.65 0.00	83.18 4.63 0.00	70.37 3.67 0.00	63.29 3.30 0.00	59.30 3.09 0.00	54.58 3.14 0.00	50.66 2.69 0.00
CE_NYC_DRP 24195	46.98 2.87 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.52 2.35 0.00	43.38 2.34 0.00	45.80 2.47 0.00	67.04 4.03 0.00	79.91 4.02 0.00	65.11 3.51 0.00	59.64 3.27 0.00	56.29 3.24 0.00	54.40 3.18 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.13 3.38 0.00	64.00 3.74 0.00	74.10 4.78 0.00	94.14 5.91 0.00	83.42 4.87 0.00	70.57 3.87 0.00	63.23 3.24 0.00	59.19 2.98 0.00	54.42 2.98 0.00	50.57 2.59 0.00
CHAFFEE___LFGE 323603	40.67 -3.44 0.00	39.27 -3.98 0.00	37.69 -3.50 0.00	37.64 -3.54 0.00	37.43 -3.61 0.00	39.65 -3.68 0.00	57.28 -5.73 0.00	69.36 -6.53 0.00	55.25 -6.34 0.00	51.13 -5.24 0.00	47.85 -5.20 0.00	46.36 -4.87 0.00	46.09 -4.95 0.00	46.78 -5.02 0.00	47.68 -5.06 0.01	54.40 -5.84 0.02	61.81 -7.49 0.02	80.03 -8.20 0.00	71.32 -7.22 0.00	61.03 -5.67 0.00	55.31 -4.68 0.00	51.27 -4.95 0.00	47.58 -3.86 0.00	44.04 -3.93 0.00
CHATEAUG_35_KV_LOAD 355732	44.24 0.13 0.00	43.50 0.26 0.00	41.35 0.16 0.00	41.42 0.25 0.00	41.33 0.29 0.00	43.63 0.30 0.00	63.64 0.63 0.00	77.17 1.29 0.00	62.58 0.99 0.00	57.21 0.85 0.00	53.74 0.69 0.00	51.84 0.61 0.00	51.55 0.51 0.00	52.22 0.41 0.00	53.12 0.37 0.00	60.75 0.48 0.00	69.59 0.28 0.00	88.85 0.62 0.00	79.10 0.55 0.00	67.24 0.53 0.00	60.71 0.72 0.00	57.00 0.79 0.00	52.11 0.67 0.00	48.65 0.67 0.00
CHATEAUG_WT_PWR 323614	44.15 0.04 0.00	43.42 0.17 0.00	41.27 0.08 0.00	41.34 0.17 0.00	41.25 0.21 0.00	43.55 0.22 0.00	63.45 0.44 0.00	76.95 1.06 0.00	62.46 0.86 0.00	57.16 0.79 0.00	53.69 0.64 0.00	51.79 0.56 0.00	51.55 0.51 0.00	52.17 0.37 0.00	53.07 0.32 0.00	60.69 0.42 0.00	69.45 0.14 0.00	88.58 0.35 0.00	78.86 0.32 0.00	67.04 0.34 0.00	60.46 0.48 0.00	56.78 0.56 0.00	51.90 0.46 0.00	48.51 0.53 0.00
CHAT_HIGH_FALL_HYD 323578	44.24 0.13 0.00	43.50 0.26 0.00	41.35 0.16 0.00	41.42 0.25 0.00	41.33 0.29 0.00	43.63 0.30 0.00	63.64 0.63 0.00	77.17 1.29 0.00	62.58 0.99 0.00	57.21 0.85 0.00	53.74 0.69 0.00	51.84 0.61 0.00	51.55 0.51 0.00	52.22 0.41 0.00	53.12 0.37 0.00	60.75 0.48 0.00	69.59 0.28 0.00	88.85 0.62 0.00	79.10 0.55 0.00	67.24 0.53 0.00	60.71 0.72 0.00	57.00 0.79 0.00	52.11 0.67 0.00	48.65 0.67 0.00
CHAUTAUQUA___LFGE 323629	40.27 -3.84 0.00	38.92 -4.32 0.00	37.36 -3.83 0.00	37.31 -3.87 0.00	37.10 -3.94 0.00	39.30 -4.03 0.00	56.84 -6.17 0.00	68.83 -7.05 0.00	54.88 -6.71 0.00	50.73 -5.64 0.00	47.43 -5.62 0.00	45.90 -5.33 0.00	45.53 -5.51 0.00	46.16 -5.65 0.00	47.04 -5.70 0.01	53.73 -6.51 0.02	61.19 -8.11 0.02	80.03 -8.20 0.00	71.48 -7.07 0.00	60.97 -5.74 0.00	55.25 -4.74 0.00	51.27 -4.95 0.00	47.58 -3.86 0.00	44.04 -3.93 0.00
CHERRYST_13_KV_LD 356241	47.06 2.96 0.00	45.97 2.72 0.00	43.62 2.43 0.00	43.65 2.47 0.00	43.47 2.42 0.00	45.93 2.60 0.00	67.23 4.22 0.00	80.13 4.25 0.00	65.35 3.76 0.00	59.81 3.44 0.00	56.45 3.40 0.00	54.56 3.33 0.00	54.46 3.42 0.00	55.28 3.47 0.00	56.28 3.53 0.00	64.18 3.92 0.00	74.31 4.99 0.00	94.41 6.18 0.00	83.73 5.18 0.00	70.77 4.07 0.00	63.41 3.42 0.00	59.36 3.15 0.00	54.58 3.14 0.00	50.66 2.69 0.00

CHESTROR_138KV_BK263 355645	46.01 1.90 0.00	45.02 1.77 0.00	42.80 1.61 0.00	42.82 1.65 0.00	42.64 1.60 0.00	45.06 1.73 0.00	65.85 2.84 0.00	78.62 2.73 0.00	63.81 2.22 0.00	58.34 1.97 0.00	54.96 1.91 0.00	53.07 1.84 0.00	52.98 1.94 0.00	53.77 1.97 0.00	54.75 2.00 0.00	62.61 2.35 0.00	72.50 3.19 0.00	92.20 3.97 0.00	82.00 3.46 0.00	69.44 2.73 0.00	62.27 2.28 0.00	58.29 2.08 0.00	53.50 2.06 0.00	49.70 1.73 0.00
CH_MIDHUDSON___DRP 24192	46.31 2.21 0.00	45.28 2.03 0.00	43.04 1.85 0.00	43.07 1.89 0.00	42.93 1.89 0.00	45.32 1.99 0.00	66.22 3.21 0.00	79.00 3.11 0.00	64.25 2.65 0.00	58.73 2.37 0.00	55.33 2.28 0.00	53.43 2.20 0.00	53.34 2.30 0.00	54.19 2.38 0.00	55.12 2.37 0.00	63.10 2.83 0.00	72.99 3.67 0.00	92.82 4.59 0.00	82.55 4.01 0.00	69.84 3.14 0.00	62.63 2.64 0.00	58.57 2.36 0.00	53.70 2.26 0.00	49.94 1.97 0.00
CH_MISC_IPPS 23765	46.49 2.38 0.00	45.54 2.29 0.00	43.25 2.06 0.00	43.28 2.10 0.00	43.10 2.05 0.00	45.58 2.25 0.00	66.60 3.59 0.00	79.38 3.49 0.00	64.49 2.90 0.00	58.91 2.54 0.00	55.54 2.49 0.00	53.59 2.36 0.00	53.54 2.50 0.00	54.39 2.59 0.00	55.33 2.58 0.00	63.34 3.07 0.00	73.26 3.95 0.00	93.35 5.12 0.00	83.02 4.47 0.00	70.24 3.53 0.00	62.93 2.94 0.00	58.91 2.70 0.00	53.91 2.47 0.00	50.14 2.16 0.00
CH_RES_BVR_FALLS 23983	43.49 -0.62 0.00	42.77 -0.47 0.00	40.78 -0.41 0.00	40.85 -0.33 0.00	40.80 -0.24 0.00	43.07 -0.26 0.00	62.76 -0.25 0.00	75.81 -0.08 0.00	61.54 -0.06 0.00	56.31 -0.06 0.00	52.94 -0.11 0.00	51.13 -0.10 0.00	50.89 -0.15 0.00	51.55 -0.26 0.00	52.44 -0.31 0.00	59.96 -0.30 0.00	68.90 -0.41 0.00	87.70 -0.53 0.00	78.08 -0.47 0.00	66.31 -0.40 0.00	59.69 -0.30 0.00	56.04 -0.17 0.00	51.34 -0.10 0.00	47.93 -0.05 0.00
CH_RES_NIAGARA 23895	39.04 -5.07 0.00	38.23 -5.02 0.00	36.45 -4.74 0.00	36.36 -4.82 0.00	36.00 -5.05 0.00	38.43 -4.90 0.00	54.82 -8.19 0.00	66.55 -9.33 0.00	53.22 -8.38 0.00	49.43 -6.93 0.00	46.26 -6.79 0.00	44.88 -6.35 0.00	44.56 -6.48 0.00	45.17 -6.63 0.00	46.15 -6.59 0.01	52.29 -7.95 0.02	59.11 -10.19 0.02	76.50 -11.73 0.00	68.34 -10.21 0.00	58.37 -8.34 0.00	53.09 -6.90 0.00	49.36 -6.86 0.00	45.32 -6.12 0.00	42.46 -5.52 0.00
CH_RES_SYRACUSE 23985	43.36 -0.75 0.00	42.42 -0.82 0.00	40.45 -0.74 0.00	40.39 -0.78 0.00	40.26 -0.78 0.00	42.55 -0.78 0.00	61.88 -1.13 0.00	74.67 -1.22 0.00	60.55 -1.05 0.00	55.41 -0.96 0.00	52.04 -1.01 0.00	50.25 -0.97 0.00	50.07 -0.97 0.00	50.92 -0.88 0.00	51.91 -0.85 0.00	59.24 -1.02 0.00	68.07 -1.25 0.00	86.82 -1.42 0.00	77.29 -1.26 0.00	65.71 -1.00 0.00	59.09 -0.90 0.00	55.26 -0.96 0.00	50.51 -0.92 0.00	47.11 -0.86 0.00
CLINTON_WT_PWR 323605	44.15 0.04 0.00	43.42 0.17 0.00	41.27 0.08 0.00	41.34 0.17 0.00	41.25 0.21 0.00	43.55 0.22 0.00	63.45 0.44 0.00	76.95 1.06 0.00	62.46 0.86 0.00	57.16 0.79 0.00	53.69 0.64 0.00	51.79 0.56 0.00	51.55 0.51 0.00	52.17 0.37 0.00	53.07 0.32 0.00	60.69 0.42 0.00	69.45 0.14 0.00	88.58 0.35 0.00	78.86 0.32 0.00	67.04 0.34 0.00	60.46 0.48 0.00	56.78 0.56 0.00	51.90 0.46 0.00	48.51 0.53 0.00
CLINTON___LFGE 323618	44.55 0.44 0.00	43.81 0.56 0.00	41.60 0.41 0.00	41.67 0.50 0.00	41.58 0.53 0.00	43.89 0.56 0.00	64.08 1.07 0.00	77.93 2.05 0.00	63.14 1.54 0.00	57.72 1.35 0.00	54.17 1.12 0.00	52.31 1.08 0.00	52.01 0.97 0.00	52.63 0.83 0.00	53.54 0.79 0.00	61.22 0.96 0.00	70.15 0.83 0.00	89.64 1.41 0.00	79.73 1.18 0.00	67.84 1.13 0.00	61.25 1.26 0.00	57.45 1.24 0.00	52.47 1.03 0.00	49.03 1.05 0.00
COBBLENY_34_KV_TB1 80064	40.32 -3.79 0.00	39.18 -4.07 0.00	37.61 -3.58 0.00	37.31 -3.87 0.00	37.14 -3.90 0.00	39.65 -3.68 0.00	57.15 -5.86 0.00	69.36 -6.53 0.00	55.25 -6.34 0.00	51.13 -5.24 0.00	47.85 -5.20 0.00	46.36 -4.87 0.00	46.09 -4.95 0.00	46.73 -5.08 0.00	47.68 -5.06 0.01	54.58 -5.66 0.02	62.16 -7.14 0.02	79.67 -8.56 0.00	71.16 -7.38 0.00	60.83 -5.87 0.00	55.19 -4.80 0.00	51.27 -4.95 0.00	47.12 -4.32 0.00	43.99 -3.98 0.00
COFFEEN___115KV_TB3 355620	44.11 0.00 0.00	43.20 -0.04 0.00	41.11 -0.08 0.00	41.18 0.00 0.00	41.04 0.00 0.00	43.46 0.13 0.00	63.64 0.63 0.00	78.01 2.12 0.00	62.34 0.74 0.00	56.48 0.11 0.00	53.00 -0.05 0.00	51.02 -0.20 0.00	50.73 -0.31 0.00	51.55 -0.26 0.00	52.43 -0.32 0.00	60.14 -0.12 0.00	69.52 0.21 0.00	89.47 1.24 0.00	79.41 0.86 0.00	67.30 0.60 0.00	61.13 1.14 0.00	57.00 0.79 0.00	52.11 0.67 0.00	48.65 0.67 0.00
COLDSPRG_115KV_BK1 355956	40.45 -3.66 0.00	39.31 -3.94 0.00	37.73 -3.46 0.00	37.47 -3.71 0.00	37.31 -3.73 0.00	39.86 -3.47 0.00	57.91 -5.10 0.00	70.27 -5.62 0.00	55.87 -5.73 0.00	51.52 -4.85 0.00	48.17 -4.88 0.00	46.62 -4.61 0.00	46.24 -4.80 0.00	46.78 -5.03 0.00	47.73 -5.01 0.01	55.06 -5.18 0.02	63.26 -6.03 0.02	81.26 -6.97 0.00	72.73 -5.81 0.00	61.83 -4.87 0.00	56.03 -3.96 0.00	52.05 -4.16 0.00	47.94 -3.50 0.00	44.62 -3.36 0.00
COLONIE_LFGE___ 323577	45.69 1.59 0.00	44.85 1.60 0.00	42.71 1.52 0.00	42.66 1.48 0.00	42.52 1.48 0.00	44.89 1.56 0.00	65.15 2.14 0.00	78.09 2.20 0.00	63.38 1.79 0.00	57.94 1.58 0.00	54.59 1.54 0.00	52.66 1.43 0.00	52.47 1.43 0.00	53.25 1.45 0.00	54.28 1.53 0.00	62.07 1.81 0.00	71.67 2.36 0.00	90.97 2.74 0.00	81.06 2.51 0.00	68.70 2.00 0.00	61.73 1.74 0.00	57.84 1.63 0.00	52.98 1.54 0.00	49.41 1.44 0.00
COOPERNY_115KV_TB1 80082	45.61 1.50 0.00	44.63 1.38 0.00	42.47 1.28 0.00	42.45 1.28 0.00	42.32 1.27 0.00	44.67 1.34 0.00	65.22 2.21 0.00	78.08 2.20 0.00	63.38 1.79 0.00	58.00 1.63 0.00	54.64 1.59 0.00	52.77 1.54 0.00	52.62 1.58 0.00	53.41 1.61 0.00	54.39 1.64 0.00	62.13 1.87 0.00	71.88 2.56 0.00	91.41 3.18 0.00	81.30 2.75 0.00	68.84 2.13 0.00	61.85 1.86 0.00	57.84 1.63 0.00	52.98 1.54 0.00	49.32 1.34 0.00
COPENHAGEN_WT_PWR 323753	43.80 -0.31 0.00	42.90 -0.35 0.00	40.82 -0.37 0.00	40.93 -0.25 0.00	40.80 -0.24 0.00	43.11 -0.22 0.00	63.07 0.06 0.00	77.17 1.29 0.00	61.84 0.25 0.00	56.09 -0.28 0.00	52.68 -0.37 0.00	50.77 -0.46 0.00	50.48 -0.56 0.00	51.29 -0.52 0.00	52.17 -0.58 0.00	59.78 -0.48 0.00	69.04 -0.28 0.00	88.58 0.35 0.00	78.63 0.08 0.00	66.70 0.00 0.00	60.46 0.48 0.00	56.50 0.28 0.00	51.70 0.26 0.00	48.22 0.24 0.00
CORNELL_____ 23752	44.20 0.09 0.00	43.25 0.00 0.00	41.23 0.04 0.00	41.14 -0.04 0.00	41.04 0.00 0.00	43.46 0.13 0.00	63.39 0.38 0.00	77.02 1.14 0.00	62.09 0.49 0.00	56.59 0.23 0.00	52.94 -0.11 0.00	51.08 -0.15 0.00	50.84 -0.20 0.00	51.70 -0.10 0.00	52.84 0.05 -0.04	60.38 0.06 -0.06	69.51 0.14 -0.06	88.94 0.71 0.00	79.33 0.79 0.00	67.44 0.73 0.00	60.71 0.72 0.00	56.61 0.39 0.00	51.59 0.15 0.00	48.17 0.19 0.00

CORONA__69_KV_TB1 355595	47.50 3.40 0.00	46.32 3.07 0.00	43.91 2.72 0.00	43.90 2.72 0.00	43.75 2.71 0.00	46.41 3.08 0.00	68.05 5.04 0.00	79.60 3.72 0.00	65.79 4.19 0.00	60.03 3.66 0.00	55.86 2.81 0.00	54.00 2.77 0.00	54.05 3.01 0.00	55.17 3.37 0.00	56.28 3.53 0.00	64.12 3.86 0.00	74.79 5.48 0.00	95.11 6.88 0.00	84.53 5.97 -0.02	71.59 4.87 -0.02	63.89 3.90 0.00	59.64 3.43 0.00	54.42 2.98 0.00	51.05 3.07 0.00
CORTLAND__115KV_TB3 80093	44.06 -0.04 0.00	43.16 -0.09 0.00	41.11 -0.08 0.00	41.05 -0.12 0.00	40.92 -0.12 0.00	43.33 0.00 0.00	63.07 0.06 0.00	75.96 0.08 0.00	61.47 -0.12 0.00	56.20 -0.17 0.00	52.73 -0.32 0.00	50.92 -0.31 0.00	50.73 -0.31 0.00	51.55 -0.26 0.00	52.55 -0.21 -0.01	60.16 -0.12 -0.02	69.26 -0.07 -0.02	88.50 0.26 0.00	78.78 0.24 0.00	66.97 0.27 0.00	60.23 0.24 0.00	56.27 0.06 0.00	51.39 -0.05 0.00	47.93 -0.05 0.00
COXSACKIE__GT 23611	46.36 2.25 0.00	45.58 2.33 0.00	43.33 2.14 0.00	43.40 2.22 0.00	43.18 2.13 0.00	45.71 2.38 0.00	66.22 3.21 0.00	79.07 3.19 0.00	63.63 2.03 0.00	57.66 1.30 0.00	54.27 1.22 0.00	52.15 0.92 0.00	52.11 1.07 0.00	52.94 1.14 0.00	54.01 1.26 0.00	62.25 1.99 0.00	72.36 3.05 0.00	92.38 4.15 0.00	82.63 4.08 0.00	69.91 3.20 0.00	62.51 2.52 0.00	58.75 2.53 0.00	53.91 2.47 0.00	50.23 2.26 0.00
CPV_VALLEY__CC1 323721	45.92 1.81 0.00	44.98 1.73 0.00	42.75 1.56 0.00	42.74 1.56 0.00	42.60 1.56 0.00	44.98 1.65 0.00	65.72 2.71 0.00	78.47 2.58 0.00	63.75 2.15 0.00	58.34 1.97 0.00	54.96 1.91 0.00	53.07 1.84 0.00	52.98 1.94 0.00	53.77 1.97 0.00	54.75 2.00 0.00	62.49 2.23 0.00	72.29 2.98 0.00	91.94 3.71 0.00	81.77 3.22 0.00	69.24 2.53 0.00	62.14 2.16 0.00	58.13 1.91 0.00	53.24 1.80 0.00	49.56 1.58 0.00
CPV_VALLEY__CC2 323722	45.92 1.81 0.00	44.98 1.73 0.00	42.75 1.56 0.00	42.74 1.56 0.00	42.60 1.56 0.00	44.98 1.65 0.00	65.72 2.71 0.00	78.47 2.58 0.00	63.75 2.15 0.00	58.34 1.97 0.00	54.96 1.91 0.00	53.07 1.84 0.00	52.98 1.94 0.00	53.77 1.97 0.00	54.75 2.00 0.00	62.49 2.23 0.00	72.29 2.98 0.00	91.94 3.71 0.00	81.77 3.22 0.00	69.24 2.53 0.00	62.14 2.16 0.00	58.13 1.91 0.00	53.24 1.80 0.00	49.56 1.58 0.00
CRESCENT__HYD 24018	45.69 1.59 0.00	44.85 1.60 0.00	42.71 1.52 0.00	42.66 1.48 0.00	42.52 1.48 0.00	44.89 1.56 0.00	65.15 2.14 0.00	78.09 2.20 0.00	63.38 1.79 0.00	57.94 1.58 0.00	54.59 1.54 0.00	52.66 1.43 0.00	52.47 1.43 0.00	53.25 1.45 0.00	54.28 1.53 0.00	62.07 1.81 0.00	71.67 2.36 0.00	90.97 2.74 0.00	81.06 2.51 0.00	68.70 2.00 0.00	61.73 1.74 0.00	57.84 1.63 0.00	52.98 1.54 0.00	49.41 1.44 0.00
CRICKET__VALLEY_CC1 323756	45.83 1.72 0.00	44.85 1.60 0.00	42.67 1.48 0.00	42.62 1.44 0.00	42.48 1.44 0.00	44.85 1.52 0.00	65.46 2.45 0.00	78.09 2.20 0.00	63.63 2.03 0.00	58.17 1.80 0.00	54.86 1.80 0.00	52.97 1.74 0.00	52.88 1.83 0.00	53.67 1.86 0.00	54.65 1.90 0.00	62.31 2.05 0.00	72.09 2.78 0.00	91.58 3.35 0.00	81.45 2.91 0.00	68.97 2.27 0.00	61.91 1.92 0.00	57.90 1.68 0.00	53.03 1.60 0.00	49.37 1.39 0.00
CRICKET__VALLEY_CC2 323757	45.83 1.72 0.00	44.85 1.60 0.00	42.67 1.48 0.00	42.62 1.44 0.00	42.48 1.44 0.00	44.85 1.52 0.00	65.46 2.45 0.00	78.09 2.20 0.00	63.63 2.03 0.00	58.17 1.80 0.00	54.86 1.80 0.00	52.97 1.74 0.00	52.88 1.83 0.00	53.67 1.86 0.00	54.65 1.90 0.00	62.31 2.05 0.00	72.09 2.78 0.00	91.58 3.35 0.00	81.45 2.91 0.00	68.97 2.27 0.00	61.91 1.92 0.00	57.90 1.68 0.00	53.03 1.60 0.00	49.37 1.39 0.00
CRICKET__VALLEY_CC3 323758	45.83 1.72 0.00	44.85 1.60 0.00	42.67 1.48 0.00	42.62 1.44 0.00	42.48 1.44 0.00	44.85 1.52 0.00	65.46 2.45 0.00	78.09 2.20 0.00	63.63 2.03 0.00	58.17 1.80 0.00	54.86 1.80 0.00	52.97 1.74 0.00	52.88 1.83 0.00	53.67 1.86 0.00	54.65 1.90 0.00	62.31 2.05 0.00	72.09 2.78 0.00	91.58 3.35 0.00	81.45 2.91 0.00	68.97 2.27 0.00	61.91 1.92 0.00	57.90 1.68 0.00	53.03 1.60 0.00	49.37 1.39 0.00
CRUCIBLE__METL_DRP 24180	43.31 -0.79 0.00	42.38 -0.86 0.00	40.41 -0.78 0.00	40.35 -0.82 0.00	40.22 -0.82 0.00	42.55 -0.78 0.00	61.88 -1.13 0.00	74.67 -1.21 0.00	60.55 -1.05 0.00	55.41 -0.96 0.00	52.04 -1.01 0.00	50.26 -0.97 0.00	50.07 -0.97 0.00	50.87 -0.93 0.00	51.91 -0.84 0.00	59.24 -1.02 0.00	68.07 -1.25 0.00	86.82 -1.41 0.00	77.29 -1.26 0.00	65.70 -1.00 0.00	59.09 -0.90 0.00	55.26 -0.96 0.00	50.46 -0.98 0.00	47.07 -0.91 0.00
DAHOWA__HYDRO 323763	46.05 1.94 0.00	45.19 1.95 0.00	43.09 1.90 0.00	43.03 1.85 0.00	42.85 1.80 0.00	45.28 1.95 0.00	65.91 2.90 0.00	79.00 3.11 0.00	64.00 2.40 0.00	58.39 2.03 0.00	55.07 2.02 0.00	52.97 1.74 0.00	52.72 1.68 0.00	53.46 1.66 0.00	54.54 1.79 0.00	62.49 2.23 0.00	72.29 2.98 0.00	91.94 3.71 0.00	81.92 3.38 0.00	69.37 2.67 0.00	62.32 2.34 0.00	58.40 2.19 0.00	53.44 2.00 0.00	49.85 1.87 0.00
DANC__LFGE 323619	43.32 -0.79 0.00	42.42 -0.82 0.00	40.41 -0.78 0.00	40.44 -0.74 0.00	40.31 -0.74 0.00	42.55 -0.78 0.00	62.07 -0.94 0.00	75.58 -0.30 0.00	60.79 -0.80 0.00	55.35 -1.01 0.00	52.04 -1.01 0.00	50.20 -1.02 0.00	49.97 -1.07 0.00	50.77 -1.04 0.00	51.64 -1.11 0.00	59.06 -1.20 0.00	68.07 -1.25 0.00	87.18 -1.05 0.00	77.45 -1.10 0.00	65.77 -0.93 0.00	59.45 -0.54 0.00	55.54 -0.67 0.00	50.87 -0.56 0.00	47.45 -0.53 0.00
DANSKAMMER__1 23586	46.49 2.38 0.00	45.54 2.29 0.00	43.25 2.06 0.00	43.28 2.10 0.00	43.10 2.05 0.00	45.58 2.25 0.00	66.60 3.59 0.00	79.38 3.49 0.00	64.49 2.90 0.00	58.91 2.54 0.00	55.54 2.49 0.00	53.59 2.36 0.00	53.54 2.50 0.00	54.39 2.59 0.00	55.33 2.58 0.00	63.34 3.07 0.00	73.26 3.95 0.00	93.35 5.12 0.00	83.02 4.47 0.00	70.24 3.53 0.00	62.93 2.94 0.00	58.91 2.70 0.00	53.91 2.47 0.00	50.14 2.16 0.00
DANSKAMMER__2 23589	46.49 2.38 0.00	45.54 2.29 0.00	43.25 2.06 0.00	43.28 2.10 0.00	43.10 2.05 0.00	45.58 2.25 0.00	66.60 3.59 0.00	79.38 3.49 0.00	64.49 2.90 0.00	58.91 2.54 0.00	55.54 2.49 0.00	53.59 2.36 0.00	53.54 2.50 0.00	54.39 2.59 0.00	55.33 2.58 0.00	63.34 3.07 0.00	73.26 3.95 0.00	93.35 5.12 0.00	83.02 4.47 0.00	70.24 3.53 0.00	62.93 2.94 0.00	58.91 2.70 0.00	53.91 2.47 0.00	50.14 2.16 0.00
DANSKAMMER__3 23590	46.49 2.38 0.00	45.54 2.29 0.00	43.25 2.06 0.00	43.28 2.10 0.00	43.10 2.05 0.00	45.58 2.25 0.00	66.60 3.59 0.00	79.38 3.49 0.00	64.49 2.90 0.00	58.91 2.54 0.00	55.54 2.49 0.00	53.59 2.36 0.00	53.54 2.50 0.00	54.39 2.59 0.00	55.33 2.58 0.00	63.34 3.07 0.00	73.26 3.95 0.00	93.35 5.12 0.00	83.02 4.47 0.00	70.24 3.53 0.00	62.93 2.94 0.00	58.91 2.70 0.00	53.91 2.47 0.00	50.14 2.16 0.00

DANSKAMMER___4 23591	46.49 2.38 0.00	45.54 2.29 0.00	43.25 2.06 0.00	43.28 2.10 0.00	43.10 2.05 0.00	45.58 2.25 0.00	66.60 3.59 0.00	79.38 3.49 0.00	64.49 2.90 0.00	58.91 2.54 0.00	55.54 2.49 0.00	53.59 2.36 0.00	53.54 2.50 0.00	54.39 2.59 0.00	55.33 2.58 0.00	63.34 3.07 0.00	73.26 3.95 0.00	93.35 5.12 0.00	83.02 4.47 0.00	70.24 3.53 0.00	62.93 2.94 0.00	58.91 2.70 0.00	53.91 2.47 0.00	50.14 2.16 0.00
DANSKAMMER___DIESEL 23592	46.53 2.43 0.00	45.49 2.25 0.00	43.25 2.06 0.00	43.28 2.10 0.00	43.10 2.05 0.00	45.58 2.25 0.00	66.60 3.59 0.00	79.37 3.49 0.00	64.49 2.90 0.00	58.90 2.54 0.00	55.54 2.49 0.00	53.59 2.36 0.00	53.54 2.50 0.00	54.39 2.59 0.00	55.33 2.58 0.00	63.40 3.13 0.00	73.40 4.09 0.00	93.44 5.21 0.00	83.02 4.48 0.00	70.24 3.54 0.00	62.93 2.94 0.00	58.91 2.70 0.00	53.96 2.52 0.00	50.14 2.16 0.00
DARBY___SOLAR 323810	45.92 1.81 0.00	45.10 1.86 0.00	42.96 1.77 0.00	42.91 1.73 0.00	42.73 1.68 0.00	45.15 1.82 0.00	65.72 2.71 0.00	78.77 2.88 0.00	63.81 2.21 0.00	58.22 1.86 0.00	54.91 1.86 0.00	52.82 1.59 0.00	52.62 1.58 0.00	53.36 1.55 0.00	54.44 1.69 0.00	62.37 2.11 0.00	72.16 2.84 0.00	91.67 3.44 0.00	81.69 3.15 0.00	69.17 2.47 0.00	62.14 2.16 0.00	58.23 2.02 0.00	53.34 1.90 0.00	49.70 1.72 0.00
DASHVILLE___HYD 23610	46.01 1.90 0.00	45.02 1.77 0.00	42.75 1.57 0.00	42.82 1.65 0.00	42.64 1.60 0.00	45.06 1.73 0.00	65.85 2.84 0.00	78.46 2.58 0.00	63.69 2.09 0.00	58.17 1.80 0.00	54.75 1.70 0.00	52.87 1.64 0.00	52.83 1.79 0.00	53.67 1.86 0.00	54.60 1.85 0.00	62.55 2.29 0.00	72.43 3.12 0.00	92.29 4.06 0.00	82.08 3.53 0.00	69.44 2.73 0.00	62.15 2.16 0.00	58.24 2.02 0.00	53.34 1.90 0.00	49.61 1.63 0.00
DELAWARE___LFGE 323621	45.03 0.93 0.00	44.15 0.91 0.00	42.05 0.86 0.00	42.04 0.86 0.00	41.91 0.86 0.00	44.24 0.91 0.00	64.52 1.51 0.00	77.55 1.67 0.00	62.83 1.23 0.00	57.44 1.07 0.00	54.06 1.01 0.00	52.20 0.97 0.00	52.06 1.02 0.00	52.79 0.98 0.00	53.75 1.00 0.00	61.53 1.27 0.00	71.05 1.73 0.00	90.44 2.21 0.00	80.51 1.96 0.00	68.24 1.53 0.00	61.37 1.38 0.00	57.34 1.12 0.00	52.47 1.03 0.00	48.89 0.91 0.00
DERFIELD_115KV_TB7 355931	44.28 0.18 0.00	43.42 0.17 0.00	41.35 0.16 0.00	41.34 0.16 0.00	41.21 0.16 0.00	43.50 0.17 0.00	63.26 0.25 0.00	76.04 0.15 0.00	61.72 0.12 0.00	56.48 0.11 0.00	53.16 0.11 0.00	51.33 0.10 0.00	51.14 0.10 0.00	51.91 0.10 0.00	52.86 0.11 0.00	60.38 0.12 0.00	69.59 0.28 0.00	88.58 0.35 0.00	78.86 0.31 0.00	66.90 0.20 0.00	60.17 0.18 0.00	56.33 0.11 0.00	51.59 0.15 0.00	48.12 0.14 0.00
DOGLEVILLE___HYD 23807	46.84 2.73 0.00	45.97 2.72 0.00	43.78 2.59 0.00	43.77 2.59 0.00	43.67 2.63 0.00	46.19 2.86 0.00	67.11 4.10 0.00	80.82 4.93 0.00	65.42 3.82 0.00	59.81 3.44 0.00	56.50 3.45 0.00	54.56 3.33 0.00	54.31 3.27 0.00	55.02 3.21 0.00	55.97 3.22 0.00	63.82 3.56 0.00	73.47 4.16 0.00	93.52 5.29 0.00	83.26 4.71 0.00	70.64 3.94 0.00	63.71 3.72 0.00	59.81 3.60 0.00	54.88 3.45 0.00	51.24 3.26 0.00
DUNKIRK___115KV_TB_200 55889	40.01 -4.10 0.00	38.96 -4.28 0.00	37.36 -3.83 0.00	37.06 -4.12 0.00	36.90 -4.15 0.00	39.39 -3.94 0.00	56.83 -6.17 0.00	68.90 -6.98 0.00	55.01 -6.59 0.00	50.84 -5.52 0.00	47.53 -5.52 0.00	46.00 -5.23 0.00	45.63 -5.41 0.00	46.21 -5.59 0.00	47.15 -5.59 0.01	53.98 -6.27 0.02	61.67 -7.62 0.02	79.76 -8.47 0.00	71.40 -7.15 0.00	60.83 -5.87 0.00	55.19 -4.80 0.00	51.32 -4.89 0.00	47.17 -4.27 0.00	43.99 -3.98 0.00
DUNKIRK___1 23563	40.01 -4.10 0.00	38.96 -4.28 0.00	37.36 -3.83 0.00	37.06 -4.12 0.00	36.90 -4.15 0.00	39.39 -3.94 0.00	56.83 -6.17 0.00	68.90 -6.98 0.00	55.01 -6.59 0.00	50.84 -5.52 0.00	47.53 -5.52 0.00	46.00 -5.23 0.00	45.63 -5.41 0.00	46.21 -5.59 0.00	47.15 -5.59 0.01	53.98 -6.27 0.02	61.67 -7.62 0.02	79.76 -8.47 0.00	71.40 -7.15 0.00	60.83 -5.87 0.00	55.19 -4.80 0.00	51.32 -4.89 0.00	47.17 -4.27 0.00	43.99 -3.98 0.00
DUNKIRK___2 23564	40.01 -4.10 0.00	38.96 -4.28 0.00	37.36 -3.83 0.00	37.06 -4.12 0.00	36.90 -4.15 0.00	39.39 -3.94 0.00	56.83 -6.17 0.00	68.90 -6.98 0.00	55.01 -6.59 0.00	50.84 -5.52 0.00	47.53 -5.52 0.00	46.00 -5.23 0.00	45.63 -5.41 0.00	46.21 -5.59 0.00	47.15 -5.59 0.01	53.98 -6.27 0.02	61.67 -7.62 0.02	79.76 -8.47 0.00	71.40 -7.15 0.00	60.83 -5.87 0.00	55.19 -4.80 0.00	51.32 -4.89 0.00	47.17 -4.27 0.00	43.99 -3.98 0.00
DUNKIRK___3 23565	40.05 -4.06 0.00	39.01 -4.24 0.00	37.40 -3.79 0.00	37.10 -4.08 0.00	36.94 -4.10 0.00	39.43 -3.90 0.00	56.83 -6.17 0.00	68.90 -6.98 0.00	55.01 -6.59 0.00	50.79 -5.58 0.00	47.53 -5.52 0.00	46.00 -5.23 0.00	45.68 -5.36 0.00	46.26 -5.54 0.00	47.15 -5.59 0.01	54.04 -6.21 0.02	61.67 -7.62 0.02	79.50 -8.73 0.00	71.08 -7.46 0.00	60.70 -6.00 0.00	55.01 -4.98 0.00	51.15 -5.06 0.00	47.01 -4.42 0.00	43.90 -4.08 0.00
DUNKIRK___4 23566	40.05 -4.06 0.00	39.01 -4.24 0.00	37.40 -3.79 0.00	37.10 -4.08 0.00	36.94 -4.10 0.00	39.43 -3.90 0.00	56.83 -6.17 0.00	68.90 -6.98 0.00	55.01 -6.59 0.00	50.79 -5.58 0.00	47.53 -5.52 0.00	46.00 -5.23 0.00	45.68 -5.36 0.00	46.26 -5.54 0.00	47.15 -5.59 0.01	54.04 -6.21 0.02	61.67 -7.62 0.02	79.50 -8.73 0.00	71.08 -7.46 0.00	60.70 -6.00 0.00	55.01 -4.98 0.00	51.15 -5.06 0.00	47.01 -4.42 0.00	43.90 -4.08 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.67 2.56 0.00	45.62 2.38 0.00	43.33 2.14 0.00	43.36 2.18 0.00	43.18 2.13 0.00	45.67 2.34 0.00	66.79 3.78 0.00	79.60 3.72 0.00	64.86 3.26 0.00	59.30 2.93 0.00	55.92 2.86 0.00	54.05 2.82 0.00	53.95 2.91 0.00	54.76 2.95 0.00	55.76 3.01 0.00	63.64 3.37 0.00	73.68 4.37 0.00	93.61 5.38 0.00	83.10 4.56 0.00	70.37 3.67 0.00	63.05 3.06 0.00	59.02 2.81 0.00	54.11 2.67 0.00	50.28 2.30 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	46.31 2.21 0.00	45.28 2.03 0.00	43.04 1.85 0.00	43.07 1.89 0.00	42.93 1.89 0.00	45.37 2.04 0.00	66.29 3.28 0.00	79.07 3.19 0.00	64.25 2.65 0.00	58.68 2.31 0.00	55.33 2.28 0.00	53.43 2.20 0.00	53.34 2.30 0.00	54.19 2.38 0.00	55.12 2.37 0.00	63.04 2.77 0.00	73.06 3.74 0.00	92.91 4.68 0.00	82.63 4.08 0.00	69.91 3.20 0.00	62.63 2.64 0.00	58.63 2.42 0.00	53.70 2.26 0.00	49.94 1.97 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	47.11 3.00 0.00	45.93 2.68 0.00	43.62 2.43 0.00	43.61 2.43 0.00	43.42 2.38 0.00	45.71 2.38 0.00	66.60 3.59 0.00	79.22 3.34 0.00	64.74 3.14 0.00	59.41 3.04 0.00	56.18 3.13 0.00	54.35 3.12 0.00	54.26 3.22 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.76 3.50 0.00	73.61 4.30 0.00	93.44 5.21 0.00	82.87 4.32 0.00	70.04 3.34 0.00	62.99 3.00 0.00	59.02 2.81 0.00	54.37 2.93 0.00	50.52 2.54 0.00

E179THST_13_KV_LOAD 356214	47.28 3.18 0.00	46.10 2.85 0.00	43.74 2.55 0.00	43.73 2.55 0.00	43.59 2.54 0.00	45.89 2.56 0.00	66.85 3.84 0.00	79.53 3.64 0.00	64.98 3.39 0.00	59.64 3.27 0.00	56.45 3.40 0.00	54.56 3.33 0.00	54.51 3.47 0.00	55.28 3.47 0.00	56.28 3.53 0.00	64.06 3.80 0.00	73.96 4.64 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.29 3.30 0.00	59.30 3.09 0.00	54.58 3.14 0.00	50.71 2.73 0.00
EAST HAMPTON___GT 23717	47.55 3.44 0.00	46.32 3.07 0.00	43.91 2.72 0.00	43.85 2.67 0.00	43.84 2.79 0.00	46.67 3.34 0.00	68.11 5.10 0.00	78.47 2.58 0.00	65.54 3.95 0.00	59.75 3.38 0.00	55.17 2.12 0.00	53.13 1.90 0.00	53.23 2.19 0.00	54.86 3.06 0.00	56.13 3.38 0.00	63.40 3.13 0.00	74.73 5.41 0.00	94.67 6.44 0.00	84.69 6.13 -0.01	71.58 4.87 -0.01	63.53 3.54 0.00	59.36 3.15 0.00	53.34 1.90 0.00	51.00 3.02 0.00
EAST RIVER___6 23660	47.02 2.91 0.00	45.97 2.73 0.00	43.54 2.35 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.67 2.34 0.00	66.92 3.91 0.00	79.83 3.94 0.00	65.11 3.51 0.00	59.64 3.27 0.00	56.29 3.24 0.00	54.41 3.18 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.13 3.38 0.00	63.94 3.68 0.00	74.03 4.72 0.00	94.05 5.82 0.00	83.42 4.87 0.00	70.50 3.80 0.00	63.16 3.18 0.00	59.13 2.92 0.00	54.37 2.93 0.00	50.61 2.64 0.00
EAST RIVER___7 23524	47.02 2.91 0.00	45.97 2.73 0.00	43.54 2.35 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.67 2.34 0.00	66.92 3.91 0.00	79.83 3.94 0.00	65.11 3.51 0.00	59.64 3.27 0.00	56.29 3.24 0.00	54.41 3.18 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.13 3.38 0.00	63.94 3.68 0.00	74.03 4.72 0.00	94.05 5.82 0.00	83.42 4.87 0.00	70.50 3.80 0.00	63.16 3.18 0.00	59.13 2.92 0.00	54.37 2.93 0.00	50.61 2.64 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.53 2.43 0.00	45.49 2.25 0.00	43.21 2.02 0.00	43.24 2.06 0.00	43.10 2.05 0.00	45.50 2.17 0.00	66.60 3.59 0.00	79.37 3.49 0.00	64.62 3.02 0.00	59.13 2.76 0.00	55.70 2.65 0.00	53.84 2.61 0.00	53.75 2.71 0.00	54.55 2.75 0.00	55.55 2.80 0.00	63.40 3.13 0.00	73.40 4.09 0.00	93.26 5.03 0.00	82.87 4.32 0.00	70.11 3.40 0.00	62.87 2.88 0.00	58.80 2.59 0.00	53.91 2.47 0.00	50.14 2.16 0.00
EAST_HAMPTON___DIESEL 23722	47.46 3.35 0.00	46.23 2.98 0.00	43.83 2.64 0.00	43.77 2.60 0.00	43.75 2.71 0.00	46.58 3.25 0.00	67.93 4.92 0.00	78.31 2.43 0.00	65.35 3.76 0.00	59.58 3.21 0.00	55.07 2.02 0.00	52.97 1.74 0.00	53.13 2.09 0.00	54.76 2.95 0.00	55.97 3.22 0.00	63.22 2.95 0.00	74.58 5.27 0.00	94.40 6.17 0.00	84.45 5.89 -0.01	71.38 4.67 -0.01	63.34 3.36 0.00	59.19 2.98 0.00	53.19 1.75 0.00	50.90 2.93 0.00
EAST_POINT___SOLAR 323840	45.12 1.02 0.00	44.33 1.08 0.00	42.30 1.11 0.00	42.21 1.03 0.00	42.07 1.03 0.00	44.63 1.30 0.00	65.53 2.52 0.00	78.31 2.43 0.00	62.34 0.74 0.00	56.37 0.00 0.00	53.05 0.00 0.00	51.02 -0.20 0.00	50.89 -0.15 0.00	51.75 -0.05 0.00	53.07 0.32 0.00	61.59 1.32 0.00	71.39 2.08 0.00	91.23 3.00 0.00	81.37 2.82 0.00	68.77 2.07 0.00	61.66 1.68 0.00	57.84 1.63 0.00	52.83 1.39 0.00	49.13 1.15 0.00
EAST_PULASKI___ESR 323781	42.87 -1.23 0.00	41.95 -1.30 0.00	39.99 -1.20 0.00	39.98 -1.20 0.00	39.81 -1.23 0.00	42.03 -1.30 0.00	61.18 -1.83 0.00	74.06 -1.82 0.00	59.87 -1.72 0.00	54.68 -1.69 0.00	51.41 -1.64 0.00	49.64 -1.59 0.00	49.46 -1.58 0.00	50.25 -1.55 0.00	51.17 -1.58 0.00	58.39 -1.87 0.00	67.24 -2.08 0.00	85.85 -2.38 0.00	76.43 -2.12 0.00	64.91 -1.80 0.00	58.49 -1.50 0.00	54.70 -1.52 0.00	50.05 -1.39 0.00	46.68 -1.29 0.00
EAST_RIVER___1 323558	46.97 2.87 0.00	45.88 2.64 0.00	43.58 2.39 0.00	43.56 2.39 0.00	43.38 2.34 0.00	45.80 2.47 0.00	66.98 3.97 0.00	79.90 4.02 0.00	65.11 3.51 0.00	59.64 3.27 0.00	56.29 3.24 0.00	54.35 3.13 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.13 3.38 0.00	63.94 3.68 0.00	73.96 4.64 0.00	94.05 5.82 0.00	83.42 4.87 0.00	70.50 3.80 0.00	63.22 3.24 0.00	59.19 2.98 0.00	54.32 2.88 0.00	50.52 2.54 0.00
EAST_RIVER___2 323559	47.02 2.91 0.00	45.97 2.73 0.00	43.54 2.35 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.67 2.34 0.00	66.92 3.91 0.00	79.83 3.94 0.00	65.11 3.51 0.00	59.64 3.27 0.00	56.29 3.24 0.00	54.41 3.18 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.13 3.38 0.00	63.94 3.68 0.00	74.03 4.72 0.00	94.05 5.82 0.00	83.42 4.87 0.00	70.50 3.80 0.00	63.16 3.18 0.00	59.13 2.92 0.00	54.37 2.93 0.00	50.61 2.64 0.00
EAST___DELAWARE_HYD 23607	46.18 2.07 0.00	45.19 1.95 0.00	42.96 1.77 0.00	42.99 1.81 0.00	42.81 1.76 0.00	45.28 1.95 0.00	66.22 3.21 0.00	79.07 3.19 0.00	64.06 2.47 0.00	58.45 2.09 0.00	55.07 2.02 0.00	53.13 1.90 0.00	53.08 2.04 0.00	53.88 2.07 0.00	54.80 2.06 0.00	62.79 2.53 0.00	72.78 3.46 0.00	92.90 4.67 0.00	82.63 4.08 0.00	69.91 3.20 0.00	62.62 2.64 0.00	58.63 2.42 0.00	53.60 2.16 0.00	49.85 1.87 0.00
EIGHT_POINT___WT_PWR 323820	40.27 -3.84 0.00	39.01 -4.24 0.00	37.36 -3.83 0.00	37.22 -3.95 0.00	37.14 -3.90 0.00	39.17 -4.16 0.00	56.96 -6.05 0.00	69.13 -6.75 0.00	54.64 -6.96 0.00	49.94 -6.43 0.00	46.47 -6.58 0.00	44.93 -6.30 0.00	44.61 -6.43 0.00	45.28 -6.53 0.00	46.23 -6.49 0.03	53.04 -7.17 0.06	61.08 -8.18 0.06	79.59 -8.64 0.00	71.01 -7.54 0.00	60.63 -6.07 0.00	54.95 -5.04 0.00	51.15 -5.06 0.00	47.07 -4.37 0.00	43.85 -4.13 0.00
ELBRIDGE_115KV_TB2 80188	43.05 -1.06 0.00	42.16 -1.08 0.00	40.20 -0.99 0.00	40.15 -1.03 0.00	40.02 -1.03 0.00	42.33 -1.00 0.00	61.50 -1.51 0.00	74.21 -1.67 0.00	60.12 -1.48 0.00	55.01 -1.35 0.00	51.67 -1.38 0.00	49.95 -1.28 0.00	49.71 -1.33 0.00	50.51 -1.30 0.00	51.54 -1.21 0.00	58.82 -1.45 0.00	67.58 -1.73 0.00	86.29 -1.94 0.00	76.82 -1.73 0.00	65.30 -1.40 0.00	58.73 -1.26 0.00	54.92 -1.29 0.00	50.15 -1.29 0.00	46.83 -1.15 0.00
ELEC_TRO_TEK 24086	47.28 3.18 0.00	46.10 2.85 0.00	43.74 2.55 0.00	43.69 2.51 0.00	43.59 2.54 0.00	46.23 2.90 0.00	67.86 4.85 0.00	79.30 3.41 0.00	65.60 4.00 0.00	59.86 3.49 0.00	55.65 2.60 0.00	53.79 2.56 0.00	53.85 2.81 0.00	54.96 3.16 0.00	56.07 3.32 0.00	63.88 3.62 0.00	74.51 5.20 0.00	94.76 6.53 0.00	84.14 5.58 -0.02	71.26 4.54 -0.02	63.65 3.66 0.00	59.42 3.20 0.00	54.22 2.78 0.00	50.81 2.83 0.00
ELLENBURG_WT_PWR 323604	44.15 0.04 0.00	43.42 0.17 0.00	41.27 0.08 0.00	41.34 0.17 0.00	41.25 0.21 0.00	43.55 0.22 0.00	63.45 0.44 0.00	76.95 1.06 0.00	62.46 0.86 0.00	57.16 0.79 0.00	53.69 0.64 0.00	51.79 0.56 0.00	51.55 0.51 0.00	52.17 0.37 0.00	53.07 0.32 0.00	60.69 0.42 0.00	69.45 0.14 0.00	88.58 0.35 0.00	78.86 0.32 0.00	67.04 0.34 0.00	60.46 0.48 0.00	56.78 0.56 0.00	51.90 0.46 0.00	48.51 0.53 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.01 -4.10 0.00	38.92 -4.32 0.00	37.32 -3.87 0.00	37.06 -4.12 0.00	36.86 -4.19 0.00	39.34 -3.99 0.00	56.46 -6.55 0.00	68.52 -7.36 0.00	54.70 -6.90 0.00	50.67 -5.69 0.00	47.43 -5.62 0.00	45.95 -5.28 0.00	45.68 -5.36 0.00	46.31 -5.49 0.00	47.26 -5.49 0.01	53.92 -6.33 0.02	61.26 -8.04 0.02	78.88 -9.35 0.00	70.46 -8.09 0.00	60.17 -6.54 0.00	54.59 -5.40 0.00	50.76 -5.45 0.00	46.65 -4.78 0.00	43.61 -4.37 0.00
EMPIRE_CC_1 323656	45.34 1.23 0.00	44.50 1.25 0.00	42.38 1.20 0.00	42.33 1.15 0.00	42.19 1.15 0.00	44.50 1.17 0.00	64.27 1.26 0.00	76.87 0.98 0.00	62.52 0.93 0.00	57.16 0.79 0.00	53.85 0.80 0.00	52.00 0.77 0.00	51.81 0.77 0.00	52.63 0.83 0.00	53.59 0.84 0.00	61.22 0.96 0.00	70.70 1.39 0.00	89.47 1.23 0.00	79.80 1.25 0.00	67.71 1.00 0.00	60.83 0.84 0.00	57.06 0.84 0.00	52.26 0.82 0.00	48.84 0.86 0.00
EMPIRE_CC_2 323658	45.34 1.23 0.00	44.50 1.25 0.00	42.38 1.20 0.00	42.33 1.15 0.00	42.19 1.15 0.00	44.50 1.17 0.00	64.27 1.26 0.00	76.87 0.98 0.00	62.52 0.93 0.00	57.16 0.79 0.00	53.85 0.80 0.00	52.00 0.77 0.00	51.81 0.77 0.00	52.63 0.83 0.00	53.59 0.84 0.00	61.22 0.96 0.00	70.70 1.39 0.00	89.47 1.23 0.00	79.80 1.25 0.00	67.71 1.00 0.00	60.83 0.84 0.00	57.06 0.84 0.00	52.26 0.82 0.00	48.84 0.86 0.00
ENORWICH_115KV_TB1 80156	45.61 1.50 0.00	44.67 1.43 0.00	42.59 1.40 0.00	42.54 1.36 0.00	42.48 1.44 0.00	45.15 1.82 0.00	66.22 3.21 0.00	80.59 4.70 0.00	64.37 2.77 0.00	58.45 2.09 0.00	54.80 1.75 0.00	52.82 1.59 0.00	52.47 1.43 0.00	53.20 1.40 0.00	54.29 1.53 -0.01	62.51 2.23 -0.02	72.45 3.12 -0.02	93.61 5.38 0.00	83.18 4.63 0.00	70.37 3.67 0.00	63.71 3.72 0.00	58.91 2.70 0.00	53.80 2.37 0.00	50.23 2.25 0.00
ERIE_ST__34_KV_TB1-2 80199	40.23 -3.88 0.00	39.09 -4.15 0.00	37.52 -3.67 0.00	37.22 -3.95 0.00	37.06 -3.98 0.00	39.56 -3.77 0.00	57.09 -5.92 0.00	69.36 -6.53 0.00	55.19 -6.41 0.00	51.07 -5.30 0.00	47.80 -5.25 0.00	46.31 -4.92 0.00	46.04 -5.00 0.00	46.62 -5.18 0.00	47.57 -5.17 0.01	54.82 -5.42 0.02	62.71 -6.58 0.02	79.58 -8.65 0.00	71.16 -7.38 0.00	60.83 -5.87 0.00	55.13 -4.86 0.00	51.21 -5.00 0.00	47.07 -4.37 0.00	43.90 -4.08 0.00
ERIE_WT_PWR 323693	40.54 -3.57 0.00	39.18 -4.07 0.00	37.61 -3.58 0.00	37.51 -3.66 0.00	37.35 -3.69 0.00	39.52 -3.81 0.00	56.96 -6.05 0.00	68.98 -6.90 0.00	55.01 -6.59 0.00	50.90 -5.47 0.00	47.64 -5.41 0.00	46.16 -5.07 0.00	45.89 -5.15 0.00	46.57 -5.23 0.00	47.47 -5.27 0.01	54.16 -6.08 0.02	61.53 -7.76 0.02	79.67 -8.56 0.00	71.01 -7.54 0.00	60.77 -5.94 0.00	55.07 -4.92 0.00	51.10 -5.11 0.00	47.37 -4.06 0.00	43.95 -4.03 0.00
ESPRGFLD_115KV_TB1 80157	44.20 0.09 0.00	43.37 0.13 0.00	41.31 0.12 0.00	41.26 0.08 0.00	41.17 0.12 0.00	43.55 0.22 0.00	63.89 0.88 0.00	76.79 0.91 0.00	61.72 0.12 0.00	56.09 -0.28 0.00	52.79 -0.27 0.00	50.87 -0.36 0.00	50.68 -0.36 0.00	51.44 -0.36 0.00	52.49 -0.26 0.00	60.50 0.24 0.00	69.94 0.62 0.00	89.47 1.24 0.00	79.65 1.10 0.00	67.37 0.67 0.00	60.53 0.54 0.00	56.61 0.39 0.00	51.70 0.26 0.00	48.12 0.14 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.20 0.09 0.00	43.25 0.00 0.00	41.23 0.04 0.00	41.14 -0.04 0.00	41.00 -0.04 0.00	43.46 0.13 0.00	63.32 0.32 0.00	76.95 1.06 0.00	62.03 0.43 0.00	56.59 0.23 0.00	53.00 -0.05 0.00	51.13 -0.10 0.00	50.89 -0.15 0.00	51.70 -0.10 0.00	52.83 0.05 -0.03	60.31 0.00 -0.05	69.50 0.14 -0.05	88.94 0.71 0.00	79.25 0.71 0.00	67.37 0.67 0.00	60.59 0.60 0.00	56.55 0.34 0.00	51.59 0.15 0.00	48.12 0.14 0.00
ETNA____115KV_TB2 80207	44.20 0.09 0.00	43.25 0.00 0.00	41.23 0.04 0.00	41.14 -0.04 0.00	41.00 -0.04 0.00	43.46 0.13 0.00	63.32 0.32 0.00	76.95 1.06 0.00	62.03 0.43 0.00	56.59 0.23 0.00	53.00 -0.05 0.00	51.13 -0.10 0.00	50.89 -0.15 0.00	51.70 -0.10 0.00	52.83 0.05 -0.03	60.31 0.00 -0.05	69.50 0.14 -0.05	88.94 0.71 0.00	79.25 0.71 0.00	67.37 0.67 0.00	60.59 0.60 0.00	56.55 0.34 0.00	51.59 0.15 0.00	48.12 0.14 0.00
EUCLID___115KV_TB2 356179	42.87 -1.24 0.00	41.95 -1.30 0.00	39.99 -1.19 0.00	39.94 -1.24 0.00	39.81 -1.23 0.00	42.12 -1.21 0.00	61.12 -1.89 0.00	73.68 -2.20 0.00	59.75 -1.85 0.00	54.73 -1.63 0.00	51.46 -1.59 0.00	49.69 -1.54 0.00	49.51 -1.53 0.00	50.30 -1.50 0.00	51.27 -1.48 0.00	58.52 -1.75 0.00	67.24 -2.08 0.00	85.76 -2.47 0.00	76.35 -2.20 0.00	64.90 -1.80 0.00	58.37 -1.62 0.00	54.58 -1.63 0.00	49.90 -1.54 0.00	46.59 -1.39 0.00
E_CANADA_CAP_HY 24051	44.06 -0.04 0.00	43.29 0.04 0.00	41.27 0.08 0.00	41.22 0.04 0.00	41.08 0.04 0.00	43.55 0.22 0.00	63.83 0.82 0.00	76.49 0.60 0.00	61.17 -0.43 0.00	55.35 -1.01 0.00	52.04 -1.01 0.00	50.10 -1.13 0.00	49.92 -1.12 0.00	50.71 -1.09 0.00	51.85 -0.90 0.00	60.02 -0.24 0.00	69.38 0.07 0.00	88.67 0.44 0.00	79.10 0.55 0.00	66.84 0.13 0.00	59.99 0.00 0.00	56.44 0.23 0.00	51.54 0.10 0.00	47.93 -0.05 0.00
E_CANADA_MHWK_HY 24050	46.89 2.78 0.00	45.97 2.73 0.00	43.79 2.60 0.00	43.77 2.60 0.00	43.67 2.63 0.00	46.19 2.86 0.00	67.10 4.09 0.00	80.81 4.93 0.00	65.42 3.82 0.00	59.81 3.44 0.00	56.50 3.45 0.00	54.56 3.33 0.00	54.31 3.27 0.00	55.02 3.21 0.00	55.97 3.22 0.00	63.76 3.49 0.00	73.47 4.16 0.00	93.52 5.29 0.00	83.26 4.71 0.00	70.64 3.93 0.00	63.71 3.72 0.00	59.81 3.60 0.00	54.89 3.45 0.00	51.24 3.26 0.00
E_FISHKILL___LBMP 23776	46.23 2.12 0.00	45.19 1.95 0.00	42.96 1.77 0.00	42.99 1.81 0.00	42.81 1.76 0.00	45.24 1.91 0.00	66.10 3.09 0.00	78.77 2.88 0.00	64.12 2.53 0.00	58.68 2.31 0.00	55.28 2.23 0.00	53.43 2.20 0.00	53.34 2.30 0.00	54.14 2.33 0.00	55.12 2.37 0.00	62.91 2.65 0.00	72.85 3.54 0.00	92.55 4.32 0.00	82.24 3.69 0.00	69.64 2.93 0.00	62.45 2.46 0.00	58.41 2.19 0.00	53.55 2.11 0.00	49.80 1.82 0.00
FALCON___SEABRD_CC1 323796	44.42 0.31 0.00	43.68 0.43 0.00	41.48 0.29 0.00	41.55 0.37 0.00	41.45 0.41 0.00	43.76 0.43 0.00	63.83 0.82 0.00	77.55 1.67 0.00	62.89 1.30 0.00	57.49 1.13 0.00	54.01 0.96 0.00	52.15 0.92 0.00	51.86 0.81 0.00	52.53 0.72 0.00	53.39 0.64 0.00	61.04 0.78 0.00	69.87 0.55 0.00	89.20 0.97 0.00	79.33 0.79 0.00	67.44 0.74 0.00	60.89 0.90 0.00	57.17 0.95 0.00	52.26 0.82 0.00	48.79 0.81 0.00
FALCON___SEABRD_CC2 323797	44.42 0.31 0.00	43.68 0.43 0.00	41.48 0.29 0.00	41.55 0.37 0.00	41.45 0.41 0.00	43.76 0.43 0.00	63.83 0.82 0.00	77.55 1.67 0.00	62.89 1.30 0.00	57.49 1.13 0.00	54.01 0.96 0.00	52.15 0.92 0.00	51.86 0.81 0.00	52.53 0.72 0.00	53.39 0.64 0.00	61.04 0.78 0.00	69.87 0.55 0.00	89.20 0.97 0.00	79.33 0.79 0.00	67.44 0.74 0.00	60.89 0.90 0.00	57.17 0.95 0.00	52.26 0.82 0.00	48.79 0.81 0.00

FAR ROCKAWAY___4 23548	47.86 3.75 0.00	46.66 3.42 0.00	44.24 3.05 0.00	44.18 3.01 0.00	44.08 3.04 0.00	46.75 3.42 0.00	68.62 5.61 0.00	80.21 4.33 0.00	66.28 4.68 0.00	60.48 4.11 0.00	56.29 3.24 0.00	54.40 3.18 0.00	54.41 3.37 0.00	55.69 3.89 0.00	56.81 4.06 0.00	64.66 4.40 0.00	75.55 6.24 0.00	96.08 7.85 0.00	85.39 6.83 -0.01	72.39 5.67 -0.01	64.55 4.56 0.00	60.20 3.99 0.00	54.88 3.45 0.00	51.48 3.50 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.93 2.82 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.84 2.51 0.00	67.04 4.03 0.00	79.91 4.02 0.00	65.11 3.51 0.00	59.64 3.27 0.00	56.29 3.24 0.00	54.35 3.12 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.07 3.32 0.00	64.00 3.74 0.00	74.10 4.78 0.00	94.14 5.91 0.00	83.42 4.87 0.00	70.57 3.87 0.00	63.29 3.30 0.00	59.25 3.04 0.00	54.42 2.98 0.00	50.52 2.54 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.98 2.87 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.84 2.51 0.00	67.11 4.10 0.00	79.98 4.10 0.00	65.17 3.57 0.00	59.64 3.27 0.00	56.29 3.24 0.00	54.40 3.18 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.13 3.38 0.00	64.00 3.74 0.00	74.10 4.78 0.00	94.14 5.91 0.00	83.50 4.95 0.00	70.57 3.87 0.00	63.29 3.30 0.00	59.25 3.04 0.00	54.42 2.98 0.00	50.52 2.54 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.93 2.82 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.52 2.35 0.00	43.38 2.34 0.00	45.84 2.51 0.00	67.04 4.03 0.00	79.91 4.02 0.00	65.11 3.51 0.00	59.64 3.27 0.00	56.23 3.18 0.00	54.35 3.12 0.00	54.26 3.22 0.00	55.12 3.32 0.00	56.07 3.32 0.00	63.94 3.68 0.00	74.03 4.71 0.00	94.05 5.82 0.00	83.42 4.87 0.00	70.51 3.80 0.00	63.23 3.24 0.00	59.19 2.98 0.00	54.37 2.93 0.00	50.52 2.54 0.00
FARRAGUT___LBMP 323566	46.93 2.82 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.98 3.97 0.00	79.83 3.95 0.00	65.05 3.45 0.00	59.58 3.21 0.00	56.23 3.18 0.00	54.30 3.07 0.00	54.21 3.16 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.94 3.68 0.00	73.96 4.64 0.00	94.05 5.82 0.00	83.34 4.79 0.00	70.51 3.80 0.00	63.17 3.18 0.00	59.14 2.92 0.00	54.37 2.93 0.00	50.47 2.49 0.00
FENNER___WINDPWR 24204	44.55 0.44 0.00	43.63 0.39 0.00	41.56 0.37 0.00	41.55 0.37 0.00	41.45 0.41 0.00	43.85 0.52 0.00	63.89 0.88 0.00	76.72 0.84 0.00	62.09 0.49 0.00	56.71 0.34 0.00	53.32 0.27 0.00	51.43 0.21 0.00	51.25 0.20 0.00	52.06 0.26 0.00	53.02 0.27 0.00	60.70 0.42 -0.01	69.88 0.55 -0.01	89.64 1.41 0.00	79.73 1.18 0.00	67.64 0.93 0.00	60.94 0.96 0.00	56.89 0.68 0.00	52.06 0.62 0.00	48.55 0.58 0.00
FIBERTEK___ENERGY 23856	43.31 -0.79 0.00	42.38 -0.86 0.00	40.41 -0.78 0.00	40.35 -0.82 0.00	40.22 -0.82 0.00	42.55 -0.78 0.00	61.88 -1.13 0.00	74.67 -1.21 0.00	60.55 -1.05 0.00	55.41 -0.96 0.00	52.04 -1.01 0.00	50.26 -0.97 0.00	50.07 -0.97 0.00	50.87 -0.93 0.00	51.91 -0.84 0.00	59.24 -1.02 0.00	68.07 -1.25 0.00	86.82 -1.41 0.00	77.29 -1.26 0.00	65.70 -1.00 0.00	59.09 -0.90 0.00	55.26 -0.96 0.00	50.46 -0.98 0.00	47.07 -0.91 0.00
FITZPATRICK___ 23598	42.30 -1.81 0.00	41.43 -1.81 0.00	39.50 -1.69 0.00	39.49 -1.69 0.00	39.36 -1.68 0.00	41.55 -1.78 0.00	60.30 -2.71 0.00	72.70 -3.18 0.00	59.01 -2.58 0.00	54.00 -2.37 0.00	50.77 -2.28 0.00	49.03 -2.20 0.00	48.85 -2.19 0.00	49.63 -2.17 0.00	50.54 -2.21 0.00	57.73 -2.53 0.00	66.41 -2.91 0.00	84.61 -3.62 0.00	75.32 -3.22 0.00	64.03 -2.67 0.00	57.59 -2.40 0.00	53.85 -2.36 0.00	49.33 -2.11 0.00	45.96 -2.01 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.58 2.47 0.00	45.58 2.34 0.00	43.29 2.10 0.00	43.36 2.18 0.00	43.18 2.13 0.00	45.63 2.30 0.00	66.73 3.72 0.00	79.53 3.64 0.00	64.55 2.96 0.00	58.96 2.59 0.00	55.60 2.55 0.00	53.64 2.41 0.00	53.64 2.60 0.00	54.50 2.69 0.00	55.44 2.69 0.00	63.46 3.19 0.00	73.54 4.23 0.00	93.52 5.29 0.00	83.18 4.63 0.00	70.37 3.67 0.00	63.05 3.06 0.00	58.97 2.75 0.00	54.06 2.62 0.00	50.23 2.25 0.00
FORT ORANGE___ 23900	45.43 1.32 0.00	44.63 1.38 0.00	42.47 1.28 0.00	42.46 1.28 0.00	42.27 1.23 0.00	44.63 1.30 0.00	64.46 1.45 0.00	77.02 1.14 0.00	62.58 0.98 0.00	57.10 0.73 0.00	53.85 0.80 0.00	51.95 0.72 0.00	51.81 0.77 0.00	52.63 0.83 0.00	53.59 0.84 0.00	61.29 1.02 0.00	70.84 1.52 0.00	89.56 1.33 0.00	79.96 1.42 0.00	67.84 1.13 0.00	60.94 0.96 0.00	57.23 1.01 0.00	52.67 1.23 0.00	49.13 1.15 0.00
FORT_DRUM_COGEN 23780	43.89 -0.22 0.00	43.03 -0.22 0.00	40.94 -0.25 0.00	41.05 -0.12 0.00	40.92 -0.12 0.00	43.29 -0.04 0.00	63.39 0.38 0.00	77.63 1.75 0.00	62.15 0.55 0.00	56.37 0.00 0.00	52.89 -0.16 0.00	50.92 -0.31 0.00	50.68 -0.36 0.00	51.49 -0.31 0.00	52.38 -0.37 0.00	60.02 -0.24 0.00	69.25 -0.07 0.00	88.94 0.71 0.00	78.86 0.31 0.00	66.90 0.20 0.00	60.71 0.72 0.00	56.72 0.51 0.00	51.90 0.46 0.00	48.41 0.43 0.00
FOX_HILLS___ESR 323835	47.42 3.31 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.68 0.00	43.71 2.67 0.00	46.10 2.77 0.00	66.54 3.53 0.00	79.07 3.19 0.00	64.55 2.96 0.00	59.35 2.99 0.00	56.34 3.29 0.00	54.66 3.43 0.00	54.56 3.52 0.00	55.33 3.52 0.00	56.18 3.43 0.00	63.76 3.50 0.00	73.75 4.44 0.00	93.70 5.47 0.00	83.10 4.56 0.00	70.24 3.54 0.00	63.17 3.18 0.00	59.30 3.09 0.00	54.88 3.45 0.00	51.00 3.02 0.00
FPL_FAR_ROCK_GT1 24212	47.86 3.75 0.00	46.71 3.46 0.00	44.28 3.09 0.00	44.18 3.00 0.00	44.08 3.04 0.00	46.75 3.42 0.00	68.62 5.61 0.00	80.06 4.17 0.00	66.28 4.68 0.00	60.48 4.11 0.00	56.29 3.24 0.00	54.35 3.13 0.00	54.41 3.37 0.00	55.64 3.83 0.00	56.81 4.06 0.00	64.48 4.22 0.00	75.42 6.10 0.00	95.64 7.41 0.00	85.39 6.83 -0.01	72.32 5.60 -0.01	64.54 4.56 0.00	60.20 3.99 0.00	54.58 3.14 0.00	51.38 3.41 0.00
FPL_FAR_ROCK_GT2 23815	47.86 3.75 0.00	46.71 3.46 0.00	44.28 3.09 0.00	44.18 3.00 0.00	44.08 3.04 0.00	46.75 3.42 0.00	68.62 5.61 0.00	80.06 4.17 0.00	66.28 4.68 0.00	60.48 4.11 0.00	56.29 3.24 0.00	54.35 3.13 0.00	54.41 3.37 0.00	55.64 3.83 0.00	56.81 4.06 0.00	64.48 4.22 0.00	75.42 6.10 0.00	95.64 7.41 0.00	85.39 6.83 -0.01	72.32 5.60 -0.01	64.54 4.56 0.00	60.20 3.99 0.00	54.58 3.14 0.00	51.38 3.41 0.00
FRANKLIN_FALL_HYD 24054	44.68 0.57 0.00	43.94 0.69 0.00	41.72 0.54 0.00	41.84 0.66 0.00	41.74 0.70 0.00	44.02 0.69 0.00	64.33 1.32 0.00	78.39 2.50 0.00	63.44 1.85 0.00	58.00 1.63 0.00	54.43 1.38 0.00	52.56 1.33 0.00	52.32 1.28 0.00	52.94 1.14 0.00	53.80 1.05 0.00	61.59 1.33 0.00	70.29 0.97 0.00	89.73 1.50 0.00	79.80 1.26 0.00	67.90 1.20 0.00	61.55 1.56 0.00	57.79 1.57 0.00	52.78 1.34 0.00	49.27 1.30 0.00

FREEPORT_EQUS_GT1 23764	47.64 3.53 0.00	46.45 3.20 0.00	44.03 2.84 0.00	43.94 2.76 0.00	43.84 2.79 0.00	46.54 3.21 0.00	68.30 5.29 0.00	79.60 3.72 0.00	66.03 4.44 0.00	60.20 3.83 0.00	55.91 2.86 0.00	54.04 2.82 0.00	54.10 3.06 0.00	55.33 3.52 0.00	56.44 3.69 0.00	64.12 3.86 0.00	75.00 5.68 0.00	95.29 7.06 0.00	85.07 6.52 -0.01	71.98 5.27 -0.01	64.18 4.20 0.00	59.92 3.71 0.00	54.27 2.83 0.00	51.14 3.17 0.00
FREEPORT___CT2 23818	47.64 3.53 0.00	46.45 3.20 0.00	44.03 2.84 0.00	43.94 2.76 0.00	43.84 2.79 0.00	46.54 3.21 0.00	68.30 5.29 0.00	79.60 3.72 0.00	66.03 4.44 0.00	60.20 3.83 0.00	55.91 2.86 0.00	54.04 2.82 0.00	54.10 3.06 0.00	55.33 3.52 0.00	56.44 3.69 0.00	64.12 3.86 0.00	75.00 5.68 0.00	95.29 7.06 0.00	85.07 6.52 -0.01	71.98 5.27 -0.01	64.18 4.20 0.00	59.92 3.71 0.00	54.27 2.83 0.00	51.14 3.17 0.00
FRESHKLS_33_KV_LOAD 356253	47.59 3.48 0.00	46.40 3.16 0.00	44.03 2.84 0.00	44.02 2.84 0.00	43.88 2.83 0.00	46.23 2.90 0.00	66.48 3.47 0.00	79.07 3.19 0.00	64.49 2.90 0.00	59.30 2.93 0.00	56.39 3.34 0.00	54.76 3.53 0.00	54.72 3.67 0.00	55.43 3.63 0.00	56.23 3.48 0.00	63.76 3.50 0.00	73.75 4.44 0.00	93.79 5.56 0.00	83.18 4.63 0.00	70.37 3.67 0.00	63.17 3.18 0.00	59.42 3.20 0.00	55.09 3.65 0.00	51.19 3.21 0.00
FULTON COGEN____ 23766	42.61 -1.50 0.00	41.73 -1.51 0.00	39.79 -1.40 0.00	39.74 -1.44 0.00	39.61 -1.44 0.00	41.86 -1.47 0.00	60.80 -2.21 0.00	73.38 -2.50 0.00	59.50 -2.09 0.00	54.45 -1.92 0.00	51.19 -1.86 0.00	49.44 -1.79 0.00	49.25 -1.79 0.00	50.04 -1.76 0.00	51.01 -1.74 0.00	58.21 -2.05 0.00	66.89 -2.43 0.00	85.32 -2.91 0.00	76.03 -2.51 0.00	64.64 -2.07 0.00	58.13 -1.86 0.00	54.36 -1.86 0.00	49.64 -1.80 0.00	46.35 -1.63 0.00
FULTON___LFGE 323630	45.12 1.02 0.00	44.33 1.08 0.00	42.26 1.07 0.00	42.21 1.03 0.00	42.07 1.03 0.00	44.59 1.26 0.00	65.27 2.27 0.00	78.24 2.36 0.00	62.52 0.93 0.00	56.59 0.23 0.00	53.16 0.11 0.00	51.13 -0.10 0.00	50.94 -0.10 0.00	51.80 0.00 0.00	53.01 0.27 0.00	61.41 1.14 0.00	71.25 1.94 0.00	90.87 2.64 0.00	81.13 2.59 0.00	68.57 1.87 0.00	61.54 1.56 0.00	57.73 1.52 0.00	52.72 1.29 0.00	49.08 1.10 0.00
G.F.CEMENT___DRP 24184	46.98 2.87 0.00	46.10 2.85 0.00	43.99 2.80 0.00	43.94 2.76 0.00	43.71 2.67 0.00	45.32 1.99 0.00	66.03 3.02 0.00	79.00 3.11 0.00	64.12 2.53 0.00	58.51 2.14 0.00	55.17 2.12 0.00	53.07 1.84 0.00	52.78 1.74 0.00	53.46 1.66 0.00	54.54 1.79 0.00	62.55 2.29 0.00	72.36 3.05 0.00	91.94 3.71 0.00	82.00 3.46 0.00	69.37 2.67 0.00	62.39 2.40 0.00	58.41 2.19 0.00	53.55 2.11 0.00	49.90 1.92 0.00
GARDENVILLE___LBMP 24039	39.92 -4.19 0.00	38.83 -4.41 0.00	37.24 -3.95 0.00	36.94 -4.24 0.00	36.78 -4.27 0.00	39.26 -4.07 0.00	56.46 -6.55 0.00	68.52 -7.36 0.00	54.57 -7.02 0.00	50.45 -5.92 0.00	47.21 -5.84 0.00	45.75 -5.48 0.00	45.48 -5.56 0.00	46.11 -5.70 0.00	47.04 -5.70 0.01	53.79 -6.45 0.02	61.32 -7.97 0.02	78.70 -9.53 0.00	70.38 -8.17 0.00	60.17 -6.54 0.00	54.59 -5.40 0.00	50.82 -5.40 0.00	46.65 -4.78 0.00	43.61 -4.37 0.00
GARDNVLA_35_KV_LD 355827	40.32 -3.79 0.00	39.22 -4.02 0.00	37.61 -3.58 0.00	37.31 -3.87 0.00	37.14 -3.90 0.00	39.65 -3.68 0.00	57.02 -5.99 0.00	69.28 -6.60 0.00	55.19 -6.41 0.00	51.13 -5.24 0.00	47.85 -5.20 0.00	46.36 -4.87 0.00	46.09 -4.95 0.00	46.73 -5.08 0.00	47.68 -5.06 0.01	54.52 -5.73 0.02	62.09 -7.21 0.02	79.67 -8.56 0.00	71.16 -7.38 0.00	60.83 -5.87 0.00	55.19 -4.80 0.00	51.27 -4.95 0.00	47.17 -4.27 0.00	44.04 -3.93 0.00
GELCKHM___115KV_LOAD 80723	43.05 -1.06 0.00	42.12 -1.12 0.00	40.16 -1.03 0.00	40.11 -1.07 0.00	39.98 -1.07 0.00	42.29 -1.04 0.00	61.37 -1.64 0.00	74.06 -1.82 0.00	60.06 -1.54 0.00	55.01 -1.35 0.00	51.67 -1.38 0.00	49.95 -1.28 0.00	49.71 -1.33 0.00	50.56 -1.24 0.00	51.54 -1.21 0.00	58.82 -1.45 0.00	67.51 -1.80 0.00	86.20 -2.03 0.00	76.74 -1.81 0.00	65.24 -1.47 0.00	58.67 -1.32 0.00	54.86 -1.35 0.00	50.10 -1.34 0.00	46.78 -1.20 0.00
GENERAL___MILLS 23808	40.18 -3.93 0.00	39.09 -4.15 0.00	37.48 -3.71 0.00	37.18 -3.99 0.00	37.02 -4.02 0.00	39.52 -3.81 0.00	56.77 -6.24 0.00	68.98 -6.91 0.00	54.94 -6.65 0.00	50.84 -5.52 0.00	47.59 -5.46 0.00	46.16 -5.07 0.00	45.83 -5.21 0.00	46.47 -5.34 0.00	47.47 -5.27 0.01	54.28 -5.97 0.02	61.74 -7.56 0.02	79.23 -9.00 0.00	70.77 -7.78 0.00	60.50 -6.20 0.00	54.89 -5.10 0.00	51.04 -5.17 0.00	46.91 -4.53 0.00	43.85 -4.13 0.00
GE_PLASTICS___DRP 24183	45.21 1.10 0.00	44.33 1.08 0.00	42.26 1.07 0.00	42.21 1.03 0.00	42.07 1.03 0.00	44.37 1.04 0.00	64.21 1.20 0.00	76.79 0.91 0.00	62.46 0.86 0.00	57.04 0.68 0.00	53.85 0.80 0.00	51.95 0.72 0.00	51.81 0.77 0.00	52.58 0.78 0.00	53.54 0.79 0.00	61.23 0.96 0.00	70.70 1.39 0.00	89.38 1.15 0.00	79.72 1.18 0.00	67.64 0.93 0.00	60.83 0.84 0.00	57.06 0.84 0.00	52.42 0.98 0.00	48.89 0.91 0.00
GILBOA___1 23756	45.17 1.06 0.00	44.41 1.17 0.00	42.26 1.07 0.00	42.25 1.07 0.00	42.11 1.07 0.00	44.33 1.00 0.00	64.46 1.45 0.00	77.25 1.37 0.00	62.76 1.17 0.00	57.38 1.02 0.00	54.06 1.01 0.00	52.20 0.97 0.00	52.06 1.02 0.00	52.84 1.04 0.00	53.80 1.05 0.00	61.47 1.20 0.00	70.91 1.60 0.00	89.82 1.59 0.00	80.12 1.57 0.00	68.04 1.33 0.00	61.12 1.14 0.00	57.23 1.01 0.00	52.41 0.97 0.00	48.89 0.91 0.00
GILBOA___2 23757	45.17 1.06 0.00	44.41 1.17 0.00	42.26 1.07 0.00	42.25 1.07 0.00	42.11 1.07 0.00	44.33 1.00 0.00	64.46 1.45 0.00	77.25 1.37 0.00	62.76 1.17 0.00	57.38 1.02 0.00	54.06 1.01 0.00	52.20 0.97 0.00	52.06 1.02 0.00	52.84 1.04 0.00	53.80 1.05 0.00	61.47 1.20 0.00	70.91 1.60 0.00	89.82 1.59 0.00	80.12 1.57 0.00	68.04 1.33 0.00	61.12 1.14 0.00	57.23 1.01 0.00	52.41 0.97 0.00	48.89 0.91 0.00
GILBOA___3 23758	45.17 1.06 0.00	44.41 1.17 0.00	42.26 1.07 0.00	42.25 1.07 0.00	42.11 1.07 0.00	44.33 1.00 0.00	64.46 1.45 0.00	77.25 1.37 0.00	62.76 1.17 0.00	57.38 1.02 0.00	54.06 1.01 0.00	52.20 0.97 0.00	52.06 1.02 0.00	52.84 1.04 0.00	53.80 1.05 0.00	61.47 1.20 0.00	70.91 1.60 0.00	89.82 1.59 0.00	80.12 1.57 0.00	68.04 1.33 0.00	61.12 1.14 0.00	57.23 1.01 0.00	52.41 0.97 0.00	48.89 0.91 0.00
GILBOA___4 23759	45.17 1.06 0.00	44.41 1.17 0.00	42.26 1.07 0.00	42.25 1.07 0.00	42.11 1.07 0.00	44.33 1.00 0.00	64.46 1.45 0.00	77.25 1.37 0.00	62.76 1.17 0.00	57.38 1.02 0.00	54.06 1.01 0.00	52.20 0.97 0.00	52.06 1.02 0.00	52.84 1.04 0.00	53.80 1.05 0.00	61.47 1.20 0.00	70.91 1.60 0.00	89.82 1.59 0.00	80.12 1.57 0.00	68.04 1.33 0.00	61.12 1.14 0.00	57.23 1.01 0.00	52.41 0.97 0.00	48.89 0.91 0.00

GILBOA____ 23599	45.21 1.10 0.00	44.41 1.17 0.00	42.26 1.07 0.00	42.25 1.07 0.00	42.11 1.07 0.00	44.33 1.00 0.00	64.52 1.51 0.00	77.25 1.37 0.00	62.77 1.17 0.00	57.38 1.01 0.00	54.06 1.01 0.00	52.20 0.97 0.00	52.06 1.02 0.00	52.84 1.04 0.00	53.80 1.05 0.00	61.47 1.21 0.00	70.98 1.66 0.00	89.82 1.59 0.00	80.12 1.57 0.00	68.10 1.40 0.00	61.13 1.14 0.00	57.22 1.01 0.00	52.47 1.03 0.00	48.89 0.91 0.00
GINNA____ 23603	40.23 -3.88 0.00	39.14 -4.11 0.00	37.56 -3.62 0.00	37.43 -3.75 0.00	37.27 -3.78 0.00	39.39 -3.94 0.00	57.15 -5.86 0.00	69.28 -6.60 0.00	55.87 -5.73 0.00	51.35 -5.02 0.00	48.17 -4.88 0.00	46.77 -4.46 0.00	46.35 -4.69 0.00	47.09 -4.71 0.00	48.10 -4.64 0.00	54.83 -5.42 0.01	62.79 -6.52 0.01	80.73 -7.50 0.00	71.63 -6.91 0.00	61.10 -5.60 0.00	55.07 -4.92 0.00	51.27 -4.95 0.00	46.91 -4.53 0.00	43.75 -4.22 0.00
GLEN PARK____ 23778	44.02 -0.09 0.00	43.12 -0.13 0.00	41.03 -0.16 0.00	41.14 -0.04 0.00	41.00 -0.04 0.00	43.37 0.04 0.00	63.51 0.50 0.00	77.85 1.97 0.00	62.21 0.62 0.00	56.37 0.00 0.00	52.94 -0.11 0.00	50.92 -0.31 0.00	50.69 -0.35 0.00	51.44 -0.36 0.00	52.33 -0.42 0.00	60.08 -0.18 0.00	69.45 0.14 0.00	89.29 1.06 0.00	79.25 0.71 0.00	67.17 0.47 0.00	60.94 0.96 0.00	56.89 0.68 0.00	52.06 0.62 0.00	48.55 0.58 0.00
GLENDALE_27_KV_LOAD 356172	47.28 3.18 0.00	46.10 2.85 0.00	43.78 2.59 0.00	43.81 2.64 0.00	43.63 2.59 0.00	46.06 2.73 0.00	67.11 4.10 0.00	79.91 4.02 0.00	65.29 3.70 0.00	59.86 3.49 0.00	56.60 3.55 0.00	54.76 3.53 0.00	54.66 3.62 0.00	55.48 3.68 0.00	56.44 3.69 0.00	64.30 4.04 0.00	74.24 4.92 0.00	94.23 6.00 0.00	83.57 5.03 0.00	70.64 3.94 0.00	63.53 3.54 0.00	59.53 3.32 0.00	54.78 3.34 0.00	50.86 2.88 0.00
GLENWOOD_IC_1_G5 23712	47.20 3.09 0.00	46.06 2.81 0.00	43.70 2.51 0.00	43.69 2.51 0.00	43.59 2.54 0.00	46.15 2.82 0.00	67.67 4.66 0.00	79.75 3.87 0.00	65.54 3.94 0.00	59.86 3.49 0.00	56.02 2.97 0.00	54.10 2.87 0.00	54.10 3.06 0.00	55.17 3.37 0.00	56.23 3.48 0.00	64.06 3.80 0.00	74.51 5.20 0.00	94.76 6.53 0.00	84.22 5.66 -0.02	71.26 4.54 -0.02	63.71 3.72 0.00	59.53 3.32 0.00	54.37 2.93 0.00	50.81 2.83 0.00
GLENWOOD_IC_2_G1 23688	46.93 2.83 0.00	45.88 2.64 0.00	43.54 2.35 0.00	43.52 2.35 0.00	43.38 2.34 0.00	45.89 2.56 0.00	67.17 4.16 0.00	79.38 3.49 0.00	65.17 3.57 0.00	59.58 3.21 0.00	55.86 2.81 0.00	53.94 2.71 0.00	53.90 2.86 0.00	54.86 3.06 0.00	55.91 3.16 0.00	63.64 3.37 0.00	73.89 4.57 0.00	93.88 5.65 0.00	83.58 5.03 0.00	70.71 4.00 0.00	63.28 3.30 0.00	59.19 2.98 0.00	54.01 2.57 0.00	50.47 2.49 0.00
GLENWOOD_IC_3_G1 23689	46.93 2.83 0.00	45.88 2.64 0.00	43.54 2.35 0.00	43.52 2.35 0.00	43.38 2.34 0.00	45.89 2.56 0.00	67.17 4.16 0.00	79.38 3.49 0.00	65.17 3.57 0.00	59.58 3.21 0.00	55.86 2.81 0.00	53.94 2.71 0.00	53.90 2.86 0.00	54.86 3.06 0.00	55.91 3.16 0.00	63.64 3.37 0.00	73.89 4.57 0.00	93.88 5.65 0.00	83.58 5.03 0.00	70.71 4.00 0.00	63.28 3.30 0.00	59.19 2.98 0.00	54.01 2.57 0.00	50.47 2.49 0.00
GLENWOOD____4 23550	47.20 3.09 0.00	46.06 2.81 0.00	43.70 2.51 0.00	43.69 2.51 0.00	43.59 2.54 0.00	46.15 2.82 0.00	67.67 4.66 0.00	79.75 3.87 0.00	65.54 3.94 0.00	59.86 3.49 0.00	56.02 2.97 0.00	54.10 2.87 0.00	54.10 3.06 0.00	55.17 3.37 0.00	56.23 3.48 0.00	64.06 3.80 0.00	74.51 5.20 0.00	94.76 6.53 0.00	84.22 5.66 -0.02	71.26 4.54 -0.02	63.71 3.72 0.00	59.53 3.32 0.00	54.37 2.93 0.00	50.81 2.83 0.00
GLENWOOD____5 23614	47.20 3.09 0.00	46.06 2.81 0.00	43.70 2.51 0.00	43.69 2.51 0.00	43.59 2.54 0.00	46.15 2.82 0.00	67.67 4.66 0.00	79.75 3.87 0.00	65.54 3.94 0.00	59.86 3.49 0.00	56.02 2.97 0.00	54.10 2.87 0.00	54.10 3.06 0.00	55.17 3.37 0.00	56.23 3.48 0.00	64.06 3.80 0.00	74.51 5.20 0.00	94.76 6.53 0.00	84.22 5.66 -0.02	71.26 4.54 -0.02	63.71 3.72 0.00	59.53 3.32 0.00	54.37 2.93 0.00	50.81 2.83 0.00
GLOBAL GREEN_PORT_GT1 23814	47.86 3.75 0.00	46.62 3.38 0.00	44.19 3.01 0.00	44.14 2.97 0.00	44.08 3.04 0.00	46.92 3.59 0.00	68.68 5.67 0.00	79.15 3.26 0.00	66.09 4.49 0.00	60.20 3.83 0.00	55.60 2.55 0.00	53.54 2.31 0.00	53.69 2.65 0.00	55.33 3.52 0.00	56.55 3.80 0.00	63.94 3.68 0.00	75.34 6.03 0.00	95.55 7.32 0.00	85.47 6.91 -0.01	72.25 5.53 -0.01	64.12 4.14 0.00	59.92 3.71 0.00	53.91 2.47 0.00	51.38 3.41 0.00
GLOBE____DSASP 323697	38.95 -5.16 0.00	38.14 -5.10 0.00	36.37 -4.82 0.00	36.28 -4.90 0.00	35.87 -5.17 0.00	38.30 -5.03 0.00	54.69 -8.32 0.00	66.40 -9.49 0.00	53.10 -8.50 0.00	49.27 -7.10 0.00	46.15 -6.90 0.00	44.77 -6.45 0.00	44.46 -6.58 0.00	45.07 -6.73 0.00	46.04 -6.70 0.01	52.17 -8.08 0.02	58.97 -10.33 0.02	76.32 -11.91 0.00	68.10 -10.45 0.00	58.23 -8.47 0.00	52.97 -7.02 0.00	49.19 -7.03 0.00	45.21 -6.22 0.00	42.36 -5.61 0.00
GOETHSLN____LBMP 323567	46.71 2.60 0.00	45.62 2.38 0.00	43.33 2.14 0.00	43.36 2.18 0.00	43.22 2.18 0.00	45.63 2.30 0.00	66.79 3.78 0.00	79.60 3.72 0.00	64.86 3.26 0.00	59.41 3.04 0.00	56.02 2.97 0.00	54.15 2.92 0.00	54.05 3.01 0.00	54.86 3.06 0.00	55.86 3.11 0.00	63.76 3.50 0.00	73.82 4.51 0.00	93.79 5.56 0.00	83.02 4.48 0.00	70.24 3.54 0.00	62.99 3.00 0.00	58.97 2.75 0.00	54.16 2.73 0.00	50.28 2.30 0.00
GOLAH____69_KV_TB 1_2 80279	41.77 -2.34 0.00	40.74 -2.51 0.00	39.13 -2.06 0.00	38.87 -2.31 0.00	38.66 -2.38 0.00	41.16 -2.17 0.00	59.36 -3.65 0.00	72.01 -3.87 0.00	57.90 -3.70 0.00	53.27 -3.10 0.00	49.87 -3.18 0.00	48.41 -2.82 0.00	47.98 -3.06 0.00	48.70 -3.11 0.00	49.69 -3.06 0.00	56.34 -3.92 0.01	64.18 -5.13 0.01	83.02 -5.21 0.00	73.99 -4.56 0.00	63.10 -3.60 0.00	56.99 -3.00 0.00	53.12 -3.09 0.00	48.61 -2.83 0.00	45.63 -2.35 0.00
GOODYEAR_LAKE_HYD 323669	44.95 0.84 0.00	44.07 0.82 0.00	41.97 0.78 0.00	41.92 0.74 0.00	41.82 0.78 0.00	44.20 0.87 0.00	64.65 1.64 0.00	77.78 1.90 0.00	62.83 1.23 0.00	57.38 1.01 0.00	54.06 1.01 0.00	52.15 0.92 0.00	51.96 0.92 0.00	52.69 0.88 0.00	53.70 0.95 0.00	61.59 1.33 0.00	71.12 1.80 0.00	90.70 2.47 0.00	80.75 2.20 0.00	68.37 1.67 0.00	61.49 1.50 0.00	57.39 1.18 0.00	52.52 1.08 0.00	48.89 0.91 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.71 -0.40 0.00	42.77 -0.48 0.00	40.78 -0.41 0.00	40.68 -0.49 0.00	40.59 -0.45 0.00	42.94 -0.39 0.00	62.51 -0.50 0.00	75.28 -0.61 0.00	60.80 -0.80 0.00	55.63 -0.73 0.00	52.31 -0.74 0.00	50.46 -0.77 0.00	50.28 -0.77 0.00	51.08 -0.73 0.00	52.01 -0.74 0.00	59.54 -0.72 0.00	68.62 -0.69 0.00	87.44 -0.79 0.00	77.92 -0.63 0.00	66.24 -0.47 0.00	59.63 -0.36 0.00	55.65 -0.56 0.00	50.92 -0.51 0.00	47.50 -0.48 0.00

GOUDEY___7 23579	43.71 -0.40 0.00	42.77 -0.48 0.00	40.78 -0.41 0.00	40.68 -0.49 0.00	40.59 -0.45 0.00	42.94 -0.39 0.00	62.51 -0.50 0.00	75.28 -0.61 0.00	60.80 -0.80 0.00	55.63 -0.73 0.00	52.31 -0.74 0.00	50.46 -0.77 0.00	50.28 -0.77 0.00	51.08 -0.73 0.00	52.01 -0.74 0.00	59.54 -0.72 0.00	68.62 -0.69 0.00	87.44 -0.79 0.00	77.92 -0.63 0.00	66.24 -0.47 0.00	59.63 -0.36 0.00	55.65 -0.56 0.00	50.92 -0.51 0.00	47.50 -0.48 0.00
GOUDEY___8 23580	43.71 -0.40 0.00	42.77 -0.48 0.00	40.78 -0.41 0.00	40.68 -0.49 0.00	40.59 -0.45 0.00	42.94 -0.39 0.00	62.51 -0.50 0.00	75.28 -0.61 0.00	60.80 -0.80 0.00	55.63 -0.73 0.00	52.31 -0.74 0.00	50.46 -0.77 0.00	50.28 -0.77 0.00	51.08 -0.73 0.00	52.01 -0.74 0.00	59.54 -0.72 0.00	68.62 -0.69 0.00	87.44 -0.79 0.00	77.92 -0.63 0.00	66.24 -0.47 0.00	59.63 -0.36 0.00	55.65 -0.56 0.00	50.92 -0.51 0.00	47.50 -0.48 0.00
GOWANUS_GT1_1 24077	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GOWANUS_GT1_2 24078	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GOWANUS_GT1_3 24079	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GOWANUS_GT1_4 24080	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GOWANUS_GT1_5 24084	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GOWANUS_GT1_6 24111	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GOWANUS_GT1_7 24112	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GOWANUS_GT1_8 24113	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GOWANUS_GT2_1 24114	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
GOWANUS_GT2_2 24115	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
GOWANUS_GT2_3 24116	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
GOWANUS_GT2_4 24117	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
GOWANUS_GT2_5 24118	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00

GOWANUS_GT2_6 24119	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
GOWANUS_GT2_7 24120	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
GOWANUS_GT2_8 24121	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
GOWANUS_GT3_1 24122	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
GOWANUS_GT3_2 24123	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
GOWANUS_GT3_3 24124	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
GOWANUS_GT3_4 24125	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
GOWANUS_GT3_5 24126	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
GOWANUS_GT3_6 24127	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
GOWANUS_GT3_7 24128	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
GOWANUS_GT3_8 24129	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
GOWANUS_GT4_1 24130	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GOWANUS_GT4_2 24131	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GOWANUS_GT4_3 24132	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GOWANUS_GT4_4 24133	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00

GOWANUS_GT4_5 24134	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GOWANUS_GT4_6 24135	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GOWANUS_GT4_7 24136	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GOWANUS_GT4_8 24137	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GREATVRV_69_KV_BK1 356245	48.43 4.32 0.00	47.14 3.89 0.00	44.69 3.50 0.00	44.60 3.42 0.00	44.53 3.49 0.00	47.36 4.03 0.00	69.81 6.81 0.00	80.89 5.01 0.00	67.33 5.73 0.00	61.21 4.85 0.00	56.50 3.45 0.00	54.56 3.33 0.00	54.66 3.62 0.00	56.16 4.35 0.00	57.39 4.64 0.00	65.27 5.00 0.00	76.52 7.21 0.00	97.49 9.26 0.00	86.80 8.25 -0.01	73.52 6.80 -0.01	65.33 5.34 0.00	60.93 4.72 0.00	55.35 3.91 0.00	52.05 4.08 0.00
GREENBSH_115KV_TB3 55895	45.30 1.19 0.00	44.41 1.17 0.00	42.34 1.15 0.00	42.33 1.15 0.00	42.15 1.11 0.00	44.46 1.13 0.00	64.14 1.13 0.00	76.57 0.68 0.00	62.34 0.74 0.00	56.99 0.62 0.00	53.79 0.74 0.00	51.89 0.67 0.00	51.76 0.71 0.00	52.53 0.73 0.00	53.49 0.74 0.00	61.17 0.90 0.00	70.63 1.32 0.00	89.11 0.88 0.00	79.49 0.94 0.00	67.50 0.80 0.00	60.71 0.72 0.00	57.00 0.79 0.00	52.47 1.03 0.00	48.94 0.96 0.00
GREENDGE_115KV_TB5 80291	42.65 -1.46 0.00	41.56 -1.69 0.00	39.71 -1.48 0.00	39.49 -1.69 0.00	39.44 -1.60 0.00	41.99 -1.34 0.00	61.37 -1.64 0.00	75.05 -0.83 0.00	59.56 -2.03 0.00	54.34 -2.03 0.00	50.45 -2.60 0.00	48.62 -2.61 0.00	48.34 -2.71 0.00	49.11 -2.69 0.00	50.13 -2.58 0.03	57.48 -2.71 0.07	66.47 -2.77 0.07	85.50 -2.74 0.00	76.58 -1.96 0.00	65.17 -1.53 0.00	58.79 -1.20 0.00	54.75 -1.46 0.00	49.84 -1.59 0.00	46.63 -1.34 0.00
GREENIDGE___3 23582	42.65 -1.46 0.00	41.56 -1.69 0.00	39.71 -1.48 0.00	39.49 -1.69 0.00	39.44 -1.60 0.00	41.99 -1.34 0.00	61.37 -1.64 0.00	75.05 -0.83 0.00	59.56 -2.03 0.00	54.34 -2.03 0.00	50.45 -2.60 0.00	48.62 -2.61 0.00	48.34 -2.71 0.00	49.11 -2.69 0.00	50.13 -2.58 0.03	57.48 -2.71 0.07	66.47 -2.77 0.07	85.50 -2.74 0.00	76.58 -1.96 0.00	65.17 -1.53 0.00	58.79 -1.20 0.00	54.75 -1.46 0.00	49.84 -1.59 0.00	46.63 -1.34 0.00
GREENIDGE___4 23583	42.87 -1.23 0.00	41.60 -1.64 0.00	39.79 -1.40 0.00	39.70 -1.48 0.00	39.65 -1.40 0.00	41.99 -1.34 0.00	61.44 -1.57 0.00	75.05 -0.83 0.00	59.57 -2.03 0.00	54.28 -2.08 0.00	50.40 -2.65 0.00	48.62 -2.61 0.00	48.33 -2.71 0.00	49.16 -2.64 0.00	50.13 -2.58 0.03	57.36 -2.83 0.07	66.12 -3.12 0.07	85.85 -2.38 0.00	76.74 -1.80 0.00	65.37 -1.33 0.00	58.97 -1.02 0.00	54.75 -1.46 0.00	50.05 -1.39 0.00	46.63 -1.34 0.00
GREENLWN_69_KV_BK 3 55738	47.33 3.22 0.00	46.10 2.85 0.00	43.70 2.51 0.00	43.65 2.47 0.00	43.59 2.54 0.00	46.28 2.95 0.00	67.99 4.98 0.00	78.62 2.73 0.00	65.72 4.13 0.00	59.92 3.55 0.00	55.12 2.07 0.00	53.33 2.10 0.00	53.39 2.35 0.00	54.55 2.75 0.00	55.70 2.95 0.00	63.40 3.13 0.00	74.10 4.78 0.00	94.32 6.09 0.00	83.82 5.26 -0.01	70.98 4.27 -0.01	63.23 3.24 0.00	59.02 2.81 0.00	53.80 2.37 0.00	50.76 2.78 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00
GRISSOM___SOLAR 323813	45.30 1.19 0.00	44.54 1.30 0.00	42.42 1.23 0.00	42.37 1.19 0.00	42.23 1.19 0.00	44.72 1.39 0.00	65.46 2.45 0.00	78.47 2.58 0.00	62.76 1.17 0.00	56.76 0.40 0.00	53.32 0.27 0.00	51.28 0.05 0.00	51.14 0.10 0.00	52.01 0.21 0.00	53.22 0.47 0.00	61.65 1.39 0.00	71.53 2.22 0.00	91.23 3.00 0.00	81.37 2.82 0.00	68.84 2.13 0.00	61.73 1.74 0.00	57.90 1.68 0.00	52.93 1.49 0.00	49.27 1.30 0.00
GROVEVILLE___HYD 323602	46.58 2.47 0.00	45.58 2.34 0.00	43.29 2.10 0.00	43.36 2.18 0.00	43.18 2.13 0.00	45.63 2.30 0.00	66.73 3.72 0.00	79.53 3.64 0.00	64.55 2.96 0.00	58.96 2.59 0.00	55.60 2.55 0.00	53.64 2.41 0.00	53.64 2.60 0.00	54.50 2.69 0.00	55.44 2.69 0.00	63.46 3.19 0.00	73.54 4.23 0.00	93.52 5.29 0.00	83.18 4.63 0.00	70.37 3.67 0.00	63.05 3.06 0.00	58.97 2.75 0.00	54.06 2.62 0.00	50.23 2.25 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.31 -0.79 0.00	42.38 -0.86 0.00	40.41 -0.78 0.00	40.35 -0.82 0.00	40.22 -0.82 0.00	42.55 -0.78 0.00	61.88 -1.13 0.00	74.67 -1.21 0.00	60.55 -1.05 0.00	55.41 -0.96 0.00	52.04 -1.01 0.00	50.26 -0.97 0.00	50.07 -0.97 0.00	50.87 -0.93 0.00	51.91 -0.84 0.00	59.24 -1.02 0.00	68.07 -1.25 0.00	86.82 -1.41 0.00	77.29 -1.26 0.00	65.70 -1.00 0.00	59.09 -0.90 0.00	55.26 -0.96 0.00	50.46 -0.98 0.00	47.07 -0.91 0.00
HAMLTNNY_34_KV_TB 80303	43.27 -0.84 0.00	42.38 -0.86 0.00	40.41 -0.78 0.00	40.31 -0.86 0.00	40.22 -0.82 0.00	42.55 -0.78 0.00	61.81 -1.20 0.00	74.75 -1.14 0.00	60.49 -1.11 0.00	55.35 -1.01 0.00	51.99 -1.06 0.00	50.26 -0.97 0.00	50.02 -1.02 0.00	50.82 -0.98 0.00	51.85 -0.90 0.00	59.18 -1.08 0.00	67.93 -1.39 0.00	86.82 -1.41 0.00	77.29 -1.26 0.00	65.77 -0.93 0.00	59.15 -0.84 0.00	55.26 -0.96 0.00	50.41 -1.03 0.00	47.07 -0.91 0.00

HAMPSHIRE___PAPER_HYD 323593	44.06 -0.04 0.00	43.25 0.00 0.00	41.11 -0.08 0.00	41.26 0.08 0.00	41.17 0.12 0.00	43.37 0.04 0.00	63.39 0.38 0.00	77.48 1.60 0.00	62.40 0.80 0.00	56.76 0.40 0.00	53.37 0.32 0.00	51.49 0.26 0.00	51.25 0.20 0.00	52.01 0.21 0.00	52.96 0.21 0.00	60.32 0.06 0.00	68.97 -0.34 0.00	87.97 -0.26 0.00	78.00 -0.55 0.00	66.37 -0.33 0.00	60.46 0.48 0.00	56.94 0.73 0.00	52.11 0.67 0.00	48.65 0.67 0.00
HARDSCRABBLE_WT_PWR 323673	46.14 2.03 0.00	45.28 2.03 0.00	43.13 1.94 0.00	43.11 1.94 0.00	43.01 1.97 0.00	45.50 2.17 0.00	66.16 3.15 0.00	79.68 3.79 0.00	64.49 2.90 0.00	58.96 2.59 0.00	55.70 2.65 0.00	53.74 2.51 0.00	53.49 2.45 0.00	54.24 2.44 0.00	55.13 2.38 0.00	62.85 2.59 0.00	72.44 3.12 0.00	92.20 3.97 0.00	82.00 3.45 0.00	69.64 2.93 0.00	62.75 2.76 0.00	58.91 2.70 0.00	54.06 2.62 0.00	50.47 2.49 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	46.45 2.34 0.00	45.41 2.16 0.00	43.17 1.98 0.00	43.20 2.02 0.00	43.01 1.97 0.00	45.45 2.12 0.00	66.48 3.47 0.00	79.30 3.41 0.00	64.43 2.83 0.00	58.90 2.54 0.00	55.49 2.44 0.00	53.59 2.36 0.00	53.54 2.50 0.00	54.34 2.54 0.00	55.28 2.53 0.00	63.28 3.01 0.00	73.34 4.02 0.00	93.26 5.03 0.00	82.87 4.32 0.00	70.17 3.47 0.00	62.81 2.82 0.00	58.80 2.59 0.00	53.86 2.42 0.00	50.04 2.06 0.00
HARSNRAD_115KV_TB1 81005	39.79 -4.32 0.00	38.66 -4.58 0.00	37.15 -4.04 0.00	36.81 -4.36 0.00	36.69 -4.35 0.00	39.04 -4.29 0.00	55.89 -7.12 0.00	67.92 -7.97 0.00	54.27 -7.33 0.00	50.28 -6.09 0.00	47.06 -5.99 0.00	45.64 -5.58 0.00	45.27 -5.77 0.00	45.95 -5.85 0.00	46.89 -5.86 0.01	53.32 -6.93 0.02	60.36 -8.94 0.02	78.08 -10.15 0.00	69.75 -8.80 0.00	59.63 -7.07 0.00	54.17 -5.82 0.00	50.37 -5.85 0.00	46.19 -5.25 0.00	43.27 -4.70 0.00
HARZA MOOSE___RIVER 24016	44.33 0.22 0.00	43.46 0.22 0.00	41.35 0.16 0.00	41.47 0.29 0.00	41.37 0.33 0.00	43.76 0.43 0.00	63.89 0.88 0.00	78.46 2.58 0.00	63.08 1.48 0.00	57.38 1.01 0.00	53.85 0.80 0.00	51.89 0.67 0.00	51.65 0.61 0.00	52.58 0.78 0.00	53.54 0.79 0.00	61.35 1.08 0.00	70.77 1.46 0.00	89.55 1.32 0.00	79.25 0.71 0.00	67.37 0.67 0.00	60.95 0.96 0.00	57.06 0.84 0.00	52.21 0.77 0.00	48.74 0.77 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	43.05 -1.06 0.00	42.12 -1.12 0.00	40.16 -1.03 0.00	40.11 -1.07 0.00	39.98 -1.07 0.00	42.29 -1.04 0.00	61.37 -1.64 0.00	74.06 -1.82 0.00	60.06 -1.54 0.00	54.96 -1.41 0.00	51.67 -1.38 0.00	49.90 -1.33 0.00	49.71 -1.33 0.00	50.51 -1.30 0.00	51.48 -1.27 0.00	58.76 -1.51 0.00	67.51 -1.80 0.00	86.11 -2.12 0.00	76.66 -1.89 0.00	65.17 -1.53 0.00	58.61 -1.38 0.00	54.81 -1.41 0.00	50.10 -1.34 0.00	46.78 -1.20 0.00
HELLGATE_13_KV_LD 55870	47.33 3.22 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	67.11 4.10 0.00	79.83 3.95 0.00	65.29 3.70 0.00	59.86 3.49 0.00	56.66 3.61 0.00	54.81 3.59 0.00	54.72 3.67 0.00	55.53 3.73 0.00	56.50 3.75 0.00	64.30 4.04 0.00	74.24 4.92 0.00	94.23 6.00 0.00	83.57 5.03 0.00	70.64 3.94 0.00	63.53 3.54 0.00	59.53 3.32 0.00	54.83 3.39 0.00	50.90 2.93 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.33 3.22 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	67.11 4.10 0.00	79.83 3.95 0.00	65.29 3.70 0.00	59.86 3.49 0.00	56.66 3.61 0.00	54.81 3.59 0.00	54.72 3.67 0.00	55.53 3.73 0.00	56.50 3.75 0.00	64.30 4.04 0.00	74.24 4.92 0.00	94.23 6.00 0.00	83.57 5.03 0.00	70.64 3.94 0.00	63.53 3.54 0.00	59.53 3.32 0.00	54.83 3.39 0.00	50.90 2.93 0.00
HEMPSTEAD____ 23647	47.24 3.13 0.00	46.05 2.81 0.00	43.70 2.51 0.00	43.65 2.47 0.00	43.51 2.46 0.00	46.14 2.81 0.00	67.74 4.73 0.00	79.15 3.26 0.00	65.54 3.95 0.00	59.81 3.44 0.00	55.65 2.60 0.00	53.79 2.56 0.00	53.80 2.75 0.00	54.97 3.16 0.00	56.08 3.33 0.00	63.70 3.43 0.00	74.37 5.06 0.00	94.40 6.17 0.00	84.22 5.66 -0.01	71.32 4.60 -0.01	63.65 3.66 0.00	59.42 3.20 0.00	53.91 2.47 0.00	50.71 2.73 0.00
HICKLING___1 23621	41.86 -2.25 0.00	40.78 -2.46 0.00	38.97 -2.22 0.00	38.75 -2.43 0.00	38.66 -2.38 0.00	41.16 -2.17 0.00	59.92 -3.09 0.00	72.47 -3.41 0.00	57.65 -3.94 0.00	52.93 -3.44 0.00	49.44 -3.61 0.00	47.80 -3.43 0.00	47.52 -3.52 0.00	48.23 -3.57 0.00	49.19 -3.53 0.03	56.41 -3.80 0.06	65.03 -4.23 0.06	83.29 -4.94 0.00	74.46 -4.08 0.00	63.44 -3.27 0.00	57.35 -2.64 0.00	53.46 -2.75 0.00	48.81 -2.62 0.00	45.67 -2.30 0.00
HICKLING___2 23622	41.86 -2.25 0.00	40.78 -2.46 0.00	38.97 -2.22 0.00	38.75 -2.43 0.00	38.66 -2.38 0.00	41.16 -2.17 0.00	59.92 -3.09 0.00	72.47 -3.41 0.00	57.65 -3.94 0.00	52.93 -3.44 0.00	49.44 -3.61 0.00	47.80 -3.43 0.00	47.52 -3.52 0.00	48.23 -3.57 0.00	49.19 -3.53 0.03	56.41 -3.80 0.06	65.03 -4.23 0.06	83.29 -4.94 0.00	74.46 -4.08 0.00	63.44 -3.27 0.00	57.35 -2.64 0.00	53.46 -2.75 0.00	48.81 -2.62 0.00	45.67 -2.30 0.00
HIGH FALLS___HY 23754	46.58 2.47 0.00	45.54 2.29 0.00	43.25 2.06 0.00	43.32 2.14 0.00	43.14 2.09 0.00	45.67 2.34 0.00	66.92 3.91 0.00	79.83 3.95 0.00	64.68 3.08 0.00	59.02 2.65 0.00	55.60 2.55 0.00	53.64 2.41 0.00	53.64 2.60 0.00	54.45 2.64 0.00	55.39 2.64 0.00	63.52 3.25 0.00	73.68 4.37 0.00	94.05 5.82 0.00	83.65 5.11 0.00	70.77 4.07 0.00	63.29 3.30 0.00	59.19 2.98 0.00	54.16 2.73 0.00	50.28 2.30 0.00
HIGH_RIVER___SOLAR 323847	45.17 1.06 0.00	44.37 1.12 0.00	42.30 1.11 0.00	42.25 1.07 0.00	42.07 1.03 0.00	44.54 1.21 0.00	65.09 2.08 0.00	77.85 1.97 0.00	62.28 0.68 0.00	56.37 0.00 0.00	53.00 -0.05 0.00	51.02 -0.20 0.00	50.84 -0.20 0.00	51.65 -0.15 0.00	52.75 0.00 0.00	61.11 0.84 0.00	71.05 1.73 0.00	90.70 2.47 0.00	80.98 2.44 0.00	68.51 1.80 0.00	61.49 1.50 0.00	57.62 1.41 0.00	52.67 1.23 0.00	49.08 1.10 0.00
HILLBURN___GT 23639	46.40 2.29 0.00	45.41 2.16 0.00	43.17 1.98 0.00	43.15 1.98 0.00	42.97 1.93 0.00	45.41 2.08 0.00	66.41 3.40 0.00	79.22 3.34 0.00	64.43 2.84 0.00	58.96 2.59 0.00	55.60 2.55 0.00	53.69 2.46 0.00	53.59 2.55 0.00	54.39 2.59 0.00	55.33 2.58 0.00	63.16 2.89 0.00	73.12 3.81 0.00	92.99 4.76 0.00	82.71 4.16 0.00	69.97 3.27 0.00	62.75 2.76 0.00	58.68 2.47 0.00	53.70 2.26 0.00	49.99 2.01 0.00
HILLSIDE_115KV_TB1 80332	41.51 -2.60 0.00	40.43 -2.81 0.00	38.68 -2.51 0.00	38.42 -2.76 0.00	38.38 -2.67 0.00	40.82 -2.51 0.00	59.36 -3.65 0.00	71.71 -4.17 0.00	57.10 -4.50 0.00	52.48 -3.89 0.00	49.02 -4.03 0.00	47.39 -3.84 0.00	47.11 -3.93 0.00	47.76 -4.04 0.00	48.66 -4.06 0.03	55.87 -4.34 0.05	64.48 -4.78 0.05	82.41 -5.82 0.00	73.68 -4.87 0.00	62.84 -3.87 0.00	56.75 -3.24 0.00	52.90 -3.32 0.00	48.35 -3.09 0.00	45.24 -2.73 0.00

HISHELDN_WT_PWR 323625	40.05 -4.06 0.00	38.75 -4.50 0.00	37.15 -4.03 0.00	37.06 -4.12 0.00	36.94 -4.10 0.00	39.04 -4.29 0.00	56.33 -6.68 0.00	68.22 -7.66 0.00	54.20 -7.39 0.00	49.94 -6.43 0.00	46.68 -6.37 0.00	45.24 -5.99 0.00	44.97 -6.07 0.00	45.64 -6.17 0.00	46.62 -6.12 0.01	53.31 -6.93 0.03	60.76 -8.53 0.03	78.79 -9.44 0.00	70.30 -8.25 0.00	60.10 -6.60 0.00	54.65 -5.34 0.00	50.76 -5.45 0.00	46.96 -4.48 0.00	43.66 -4.32 0.00
HOLTSVILLE_IC_1 23690	47.59 3.48 0.00	46.40 3.16 0.00	43.99 2.80 0.00	43.89 2.72 0.00	43.79 2.75 0.00	46.54 3.21 0.00	68.36 5.35 0.00	78.92 3.04 0.00	66.03 4.44 0.00	60.14 3.78 0.00	55.44 2.39 0.00	53.54 2.31 0.00	53.64 2.60 0.00	55.02 3.21 0.00	56.18 3.43 0.00	63.46 3.19 0.00	74.52 5.20 0.00	94.59 6.36 0.00	84.52 5.97 -0.01	71.52 4.81 -0.01	63.65 3.66 0.00	59.59 3.37 0.00	53.91 2.47 0.00	51.05 3.07 0.00
HOLTSVILLE_IC_10 23699	47.86 3.75 0.00	46.62 3.38 0.00	44.16 2.97 0.00	44.06 2.88 0.00	44.00 2.96 0.00	46.75 3.42 0.00	68.80 5.79 0.00	79.30 3.42 0.00	66.34 4.74 0.00	60.43 4.06 0.00	55.70 2.65 0.00	53.79 2.56 0.00	53.90 2.86 0.00	55.33 3.52 0.00	56.50 3.75 0.00	63.82 3.55 0.00	75.00 5.68 0.00	95.20 6.97 0.00	85.15 6.60 -0.01	72.05 5.34 -0.01	64.07 4.08 0.00	59.98 3.77 0.00	54.21 2.78 0.00	51.33 3.36 0.00
HOLTSVILLE_IC_2 23691	47.59 3.48 0.00	46.40 3.16 0.00	43.99 2.80 0.00	43.89 2.72 0.00	43.79 2.75 0.00	46.54 3.21 0.00	68.36 5.35 0.00	78.92 3.04 0.00	66.03 4.44 0.00	60.14 3.78 0.00	55.44 2.39 0.00	53.54 2.31 0.00	53.64 2.60 0.00	55.02 3.21 0.00	56.18 3.43 0.00	63.46 3.19 0.00	74.52 5.20 0.00	94.59 6.36 0.00	84.52 5.97 -0.01	71.52 4.81 -0.01	63.65 3.66 0.00	59.59 3.37 0.00	53.91 2.47 0.00	51.05 3.07 0.00
HOLTSVILLE_IC_3 23692	47.59 3.48 0.00	46.40 3.16 0.00	43.99 2.80 0.00	43.89 2.72 0.00	43.79 2.75 0.00	46.54 3.21 0.00	68.36 5.35 0.00	78.92 3.04 0.00	66.03 4.44 0.00	60.14 3.78 0.00	55.44 2.39 0.00	53.54 2.31 0.00	53.64 2.60 0.00	55.02 3.21 0.00	56.18 3.43 0.00	63.46 3.19 0.00	74.52 5.20 0.00	94.59 6.36 0.00	84.52 5.97 -0.01	71.52 4.81 -0.01	63.65 3.66 0.00	59.59 3.37 0.00	53.91 2.47 0.00	51.05 3.07 0.00
HOLTSVILLE_IC_4 23693	47.59 3.48 0.00	46.40 3.16 0.00	43.99 2.80 0.00	43.89 2.72 0.00	43.79 2.75 0.00	46.54 3.21 0.00	68.36 5.35 0.00	78.92 3.04 0.00	66.03 4.44 0.00	60.14 3.78 0.00	55.44 2.39 0.00	53.54 2.31 0.00	53.64 2.60 0.00	55.02 3.21 0.00	56.18 3.43 0.00	63.46 3.19 0.00	74.52 5.20 0.00	94.59 6.36 0.00	84.52 5.97 -0.01	71.52 4.81 -0.01	63.65 3.66 0.00	59.59 3.37 0.00	53.91 2.47 0.00	51.05 3.07 0.00
HOLTSVILLE_IC_5 23694	47.59 3.48 0.00	46.40 3.16 0.00	43.99 2.80 0.00	43.89 2.72 0.00	43.79 2.75 0.00	46.54 3.21 0.00	68.36 5.35 0.00	78.92 3.04 0.00	66.03 4.44 0.00	60.14 3.78 0.00	55.44 2.39 0.00	53.54 2.31 0.00	53.64 2.60 0.00	55.02 3.21 0.00	56.18 3.43 0.00	63.46 3.19 0.00	74.52 5.20 0.00	94.59 6.36 0.00	84.52 5.97 -0.01	71.52 4.81 -0.01	63.65 3.66 0.00	59.59 3.37 0.00	53.91 2.47 0.00	51.05 3.07 0.00
HOLTSVILLE_IC_6 23695	47.86 3.75 0.00	46.62 3.38 0.00	44.16 2.97 0.00	44.06 2.88 0.00	44.00 2.96 0.00	46.75 3.42 0.00	68.80 5.79 0.00	79.30 3.42 0.00	66.34 4.74 0.00	60.43 4.06 0.00	55.70 2.65 0.00	53.79 2.56 0.00	53.90 2.86 0.00	55.33 3.52 0.00	56.50 3.75 0.00	63.82 3.55 0.00	75.00 5.68 0.00	95.20 6.97 0.00	85.15 6.60 -0.01	72.05 5.34 -0.01	64.07 4.08 0.00	59.98 3.77 0.00	54.21 2.78 0.00	51.33 3.36 0.00
HOLTSVILLE_IC_7 23696	47.86 3.75 0.00	46.62 3.38 0.00	44.16 2.97 0.00	44.06 2.88 0.00	44.00 2.96 0.00	46.75 3.42 0.00	68.80 5.79 0.00	79.30 3.42 0.00	66.34 4.74 0.00	60.43 4.06 0.00	55.70 2.65 0.00	53.79 2.56 0.00	53.90 2.86 0.00	55.33 3.52 0.00	56.50 3.75 0.00	63.82 3.55 0.00	75.00 5.68 0.00	95.20 6.97 0.00	85.15 6.60 -0.01	72.05 5.34 -0.01	64.07 4.08 0.00	59.98 3.77 0.00	54.21 2.78 0.00	51.33 3.36 0.00
HOLTSVILLE_IC_8 23697	47.86 3.75 0.00	46.62 3.38 0.00	44.16 2.97 0.00	44.06 2.88 0.00	44.00 2.96 0.00	46.75 3.42 0.00	68.80 5.79 0.00	79.30 3.42 0.00	66.34 4.74 0.00	60.43 4.06 0.00	55.70 2.65 0.00	53.79 2.56 0.00	53.90 2.86 0.00	55.33 3.52 0.00	56.50 3.75 0.00	63.82 3.55 0.00	75.00 5.68 0.00	95.20 6.97 0.00	85.15 6.60 -0.01	72.05 5.34 -0.01	64.07 4.08 0.00	59.98 3.77 0.00	54.21 2.78 0.00	51.33 3.36 0.00
HOLTSVILLE_IC_9 23698	47.86 3.75 0.00	46.62 3.38 0.00	44.16 2.97 0.00	44.06 2.88 0.00	44.00 2.96 0.00	46.75 3.42 0.00	68.80 5.79 0.00	79.30 3.42 0.00	66.34 4.74 0.00	60.43 4.06 0.00	55.70 2.65 0.00	53.79 2.56 0.00	53.90 2.86 0.00	55.33 3.52 0.00	56.50 3.75 0.00	63.82 3.55 0.00	75.00 5.68 0.00	95.20 6.97 0.00	85.15 6.60 -0.01	72.05 5.34 -0.01	64.07 4.08 0.00	59.98 3.77 0.00	54.21 2.78 0.00	51.33 3.36 0.00
HOMER_HL_115KV_TB2 355744	40.36 -3.75 0.00	39.22 -4.02 0.00	37.61 -3.58 0.00	37.35 -3.83 0.00	37.23 -3.82 0.00	39.69 -3.64 0.00	57.65 -5.36 0.00	69.74 -6.15 0.00	55.31 -6.28 0.00	51.07 -5.30 0.00	47.75 -5.31 0.00	46.21 -5.02 0.00	45.89 -5.16 0.00	46.37 -5.44 0.00	47.20 -5.54 0.01	54.82 -5.42 0.02	63.40 -5.89 0.02	79.76 -8.47 0.00	71.48 -7.07 0.00	61.03 -5.67 0.00	55.25 -4.74 0.00	51.32 -4.89 0.00	47.22 -4.22 0.00	43.99 -3.98 0.00
HOWARD_WT_PWR 323690	40.31 -3.79 0.00	39.05 -4.19 0.00	37.40 -3.79 0.00	37.31 -3.87 0.00	37.23 -3.82 0.00	39.17 -4.16 0.00	57.02 -5.99 0.00	69.21 -6.68 0.00	54.70 -6.90 0.00	50.00 -6.37 0.00	46.47 -6.58 0.00	44.93 -6.30 0.00	44.61 -6.43 0.00	45.28 -6.53 0.00	46.23 -6.49 0.03	53.03 -7.17 0.06	61.15 -8.11 0.06	79.59 -8.64 0.00	71.01 -7.54 0.00	60.63 -6.07 0.00	55.01 -4.98 0.00	51.15 -5.06 0.00	47.07 -4.37 0.00	43.85 -4.13 0.00
HQ_GEN_CEDARS 23644	44.86 0.75 0.00	44.11 0.86 0.00	41.89 0.70 0.00	41.96 0.78 0.00	41.86 0.82 0.00	44.15 0.82 0.00	64.33 1.32 0.00	78.08 2.20 0.00	63.32 1.72 0.00	57.89 1.52 0.00	54.43 1.38 0.00	52.56 1.33 0.00	52.37 1.33 0.00	53.05 1.24 0.00	53.96 1.21 0.00	61.65 1.39 0.00	70.35 1.04 0.00	89.73 1.50 0.00	79.80 1.26 0.00	67.90 1.20 0.00	61.49 1.50 0.00	57.79 1.57 0.00	52.83 1.39 0.00	49.37 1.39 0.00
HQ_GEN_CEDARS_PROXY 323590	44.86 0.75 0.00	44.11 0.86 0.00	41.89 0.70 0.00	41.96 0.78 0.00	41.86 0.82 0.00	44.15 0.82 0.00	64.34 1.33 0.00	78.09 2.20 0.00	63.32 1.72 0.00	57.89 1.52 0.00	54.43 1.38 0.00	52.56 1.33 0.00	52.37 1.32 0.00	53.05 1.24 0.00	53.96 1.21 0.00	61.65 1.39 0.00	70.36 1.04 0.00	89.73 1.50 0.00	79.80 1.25 0.00	67.91 1.20 0.00	61.49 1.50 0.00	57.78 1.57 0.00	52.83 1.39 0.00	49.37 1.39 0.00

HQ_GEN_IMPORT 323601	44.24 0.13 0.00	43.42 0.17 0.00	41.31 0.12 0.00	41.34 0.17 0.00	41.21 0.16 0.00	43.50 0.17 0.00	63.33 0.32 0.00	76.49 0.60 0.00	62.15 0.55 0.00	56.87 0.51 0.00	53.53 0.48 0.00	51.69 0.46 0.00	51.50 0.46 0.00	52.22 0.41 0.00	53.12 0.37 0.00	60.69 0.42 0.00	69.59 0.28 0.00	88.67 0.44 0.00	78.94 0.39 0.00	67.04 0.34 0.00	60.35 0.36 0.00	56.66 0.45 0.00	51.80 0.36 0.00	48.36 0.38 0.00
HQ_GEN_WHEEL 23651	44.24 0.13 0.00	43.42 0.17 0.00	41.31 0.12 0.00	41.34 0.17 0.00	41.21 0.16 0.00	43.50 0.17 0.00	63.33 0.32 0.00	76.49 0.60 0.00	62.15 0.55 0.00	56.87 0.51 0.00	53.53 0.48 0.00	51.69 0.46 0.00	51.50 0.46 0.00	52.22 0.41 0.00	53.12 0.37 0.00	60.69 0.42 0.00	69.59 0.28 0.00	88.67 0.44 0.00	78.94 0.39 0.00	67.04 0.34 0.00	60.35 0.36 0.00	56.66 0.45 0.00	51.80 0.36 0.00	48.36 0.38 0.00
HUDSON AVE_GT_3 23810	46.98 2.87 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.84 2.51 0.00	67.11 4.10 0.00	79.98 4.10 0.00	65.17 3.57 0.00	59.64 3.27 0.00	56.29 3.24 0.00	54.40 3.18 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.13 3.38 0.00	64.00 3.74 0.00	74.10 4.78 0.00	94.14 5.91 0.00	83.50 4.95 0.00	70.57 3.87 0.00	63.29 3.30 0.00	59.25 3.04 0.00	54.42 2.98 0.00	50.52 2.54 0.00
HUDSON AVE_GT_4 23540	46.98 2.87 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.84 2.51 0.00	67.11 4.10 0.00	79.98 4.10 0.00	65.17 3.57 0.00	59.64 3.27 0.00	56.29 3.24 0.00	54.40 3.18 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.13 3.38 0.00	64.00 3.74 0.00	74.10 4.78 0.00	94.14 5.91 0.00	83.50 4.95 0.00	70.57 3.87 0.00	63.29 3.30 0.00	59.25 3.04 0.00	54.42 2.98 0.00	50.52 2.54 0.00
HUDSON AVE_GT_5 23657	46.98 2.87 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.84 2.51 0.00	67.11 4.10 0.00	79.98 4.10 0.00	65.17 3.57 0.00	59.64 3.27 0.00	56.29 3.24 0.00	54.40 3.18 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.13 3.38 0.00	64.00 3.74 0.00	74.10 4.78 0.00	94.14 5.91 0.00	83.50 4.95 0.00	70.57 3.87 0.00	63.29 3.30 0.00	59.25 3.04 0.00	54.42 2.98 0.00	50.52 2.54 0.00
HUDSON_AVE_10 24168	46.84 2.73 0.00	45.71 2.46 0.00	43.41 2.22 0.00	43.44 2.26 0.00	43.26 2.22 0.00	45.71 2.38 0.00	66.92 3.91 0.00	79.75 3.87 0.00	64.98 3.39 0.00	59.52 3.16 0.00	56.13 3.08 0.00	54.20 2.97 0.00	54.10 3.06 0.00	54.96 3.16 0.00	55.97 3.22 0.00	63.82 3.56 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.17 3.18 0.00	59.14 2.92 0.00	54.32 2.88 0.00	50.42 2.45 0.00
HUDSON___115KV_TB 4 355613	45.87 1.76 0.00	45.02 1.77 0.00	42.88 1.69 0.00	42.91 1.73 0.00	42.69 1.64 0.00	45.11 1.78 0.00	65.28 2.27 0.00	77.86 1.97 0.00	63.08 1.48 0.00	57.44 1.07 0.00	54.11 1.06 0.00	52.10 0.87 0.00	51.96 0.92 0.00	52.84 1.04 0.00	53.80 1.05 0.00	61.77 1.51 0.00	71.60 2.29 0.00	90.79 2.56 0.00	81.14 2.59 0.00	68.77 2.07 0.00	61.73 1.74 0.00	57.90 1.69 0.00	53.24 1.80 0.00	49.61 1.63 0.00
HUNTER MOUNT___DRP 323613	45.87 1.76 0.00	45.02 1.77 0.00	42.88 1.69 0.00	42.91 1.73 0.00	42.73 1.68 0.00	45.11 1.78 0.00	65.34 2.33 0.00	77.93 2.05 0.00	63.01 1.42 0.00	57.27 0.90 0.00	53.95 0.90 0.00	51.95 0.72 0.00	51.86 0.82 0.00	52.69 0.88 0.00	53.70 0.95 0.00	61.71 1.45 0.00	71.60 2.29 0.00	90.97 2.74 0.00	81.30 2.75 0.00	68.84 2.13 0.00	61.73 1.74 0.00	57.96 1.74 0.00	53.29 1.85 0.00	49.61 1.63 0.00
HUNTINGTON_RES_REC 323705	47.55 3.44 0.00	46.32 3.07 0.00	43.91 2.72 0.00	43.82 2.64 0.00	43.71 2.67 0.00	46.45 3.12 0.00	68.30 5.29 0.00	78.69 2.81 0.00	65.97 4.37 0.00	60.09 3.72 0.00	55.28 2.23 0.00	53.43 2.20 0.00	53.54 2.50 0.00	54.81 3.00 0.00	55.97 3.22 0.00	63.40 3.13 0.00	74.37 5.06 0.00	94.40 6.17 0.00	84.37 5.81 -0.01	71.38 4.67 -0.01	63.59 3.60 0.00	59.42 3.20 0.00	53.70 2.26 0.00	50.95 2.98 0.00
HUNTLEY___63 23557	39.96 -4.15 0.00	38.92 -4.32 0.00	37.28 -3.91 0.00	37.02 -4.16 0.00	36.78 -4.27 0.00	39.26 -4.07 0.00	56.27 -6.74 0.00	68.37 -7.51 0.00	54.57 -7.02 0.00	50.62 -5.75 0.00	47.37 -5.68 0.00	45.95 -5.28 0.00	45.63 -5.41 0.00	46.26 -5.54 0.00	47.26 -5.49 0.01	53.74 -6.51 0.02	60.84 -8.46 0.02	78.61 -9.62 0.00	70.14 -8.40 0.00	59.97 -6.74 0.00	54.47 -5.52 0.00	50.65 -5.57 0.00	46.50 -4.94 0.00	43.51 -4.46 0.00
HUNTLEY___64 23558	39.96 -4.15 0.00	38.92 -4.32 0.00	37.28 -3.91 0.00	37.02 -4.16 0.00	36.78 -4.27 0.00	39.26 -4.07 0.00	56.27 -6.74 0.00	68.37 -7.51 0.00	54.57 -7.02 0.00	50.62 -5.75 0.00	47.37 -5.68 0.00	45.95 -5.28 0.00	45.63 -5.41 0.00	46.26 -5.54 0.00	47.26 -5.49 0.01	53.74 -6.51 0.02	60.84 -8.46 0.02	78.61 -9.62 0.00	70.14 -8.40 0.00	59.97 -6.74 0.00	54.47 -5.52 0.00	50.65 -5.57 0.00	46.50 -4.94 0.00	43.51 -4.46 0.00
HUNTLEY___65 23559	39.96 -4.15 0.00	38.92 -4.32 0.00	37.28 -3.91 0.00	37.02 -4.16 0.00	36.78 -4.27 0.00	39.26 -4.07 0.00	56.27 -6.74 0.00	68.37 -7.51 0.00	54.57 -7.02 0.00	50.62 -5.75 0.00	47.37 -5.68 0.00	45.95 -5.28 0.00	45.63 -5.41 0.00	46.26 -5.54 0.00	47.26 -5.49 0.01	53.74 -6.51 0.02	60.84 -8.46 0.02	78.61 -9.62 0.00	70.14 -8.40 0.00	59.97 -6.74 0.00	54.47 -5.52 0.00	50.65 -5.57 0.00	46.50 -4.94 0.00	43.51 -4.46 0.00
HUNTLEY___66 23560	39.96 -4.15 0.00	38.92 -4.32 0.00	37.28 -3.91 0.00	37.02 -4.16 0.00	36.78 -4.27 0.00	39.26 -4.07 0.00	56.27 -6.74 0.00	68.37 -7.51 0.00	54.57 -7.02 0.00	50.62 -5.75 0.00	47.37 -5.68 0.00	45.95 -5.28 0.00	45.63 -5.41 0.00	46.26 -5.54 0.00	47.26 -5.49 0.01	53.74 -6.51 0.02	60.84 -8.46 0.02	78.61 -9.62 0.00	70.14 -8.40 0.00	59.97 -6.74 0.00	54.47 -5.52 0.00	50.65 -5.57 0.00	46.50 -4.94 0.00	43.51 -4.46 0.00
HUNTLEY___67 23561	39.83 -4.28 0.00	38.79 -4.45 0.00	37.19 -4.00 0.00	36.89 -4.28 0.00	36.69 -4.35 0.00	39.17 -4.16 0.00	56.14 -6.87 0.00	68.14 -7.74 0.00	54.39 -7.21 0.00	50.45 -5.92 0.00	47.21 -5.84 0.00	45.75 -5.48 0.00	45.48 -5.56 0.00	46.11 -5.70 0.00	47.04 -5.70 0.01	53.56 -6.69 0.02	60.77 -8.53 0.02	78.35 -9.88 0.00	69.99 -8.56 0.00	59.83 -6.87 0.00	54.35 -5.64 0.00	50.48 -5.73 0.00	46.40 -5.04 0.00	43.37 -4.61 0.00
HUNTLEY___68 23562	39.83 -4.28 0.00	38.79 -4.45 0.00	37.19 -4.00 0.00	36.89 -4.28 0.00	36.69 -4.35 0.00	39.17 -4.16 0.00	56.14 -6.87 0.00	68.14 -7.74 0.00	54.39 -7.21 0.00	50.45 -5.92 0.00	47.21 -5.84 0.00	45.75 -5.48 0.00	45.48 -5.56 0.00	46.11 -5.70 0.00	47.04 -5.70 0.01	53.56 -6.69 0.02	60.77 -8.53 0.02	78.35 -9.88 0.00	69.99 -8.56 0.00	59.83 -6.87 0.00	54.35 -5.64 0.00	50.48 -5.73 0.00	46.40 -5.04 0.00	43.37 -4.61 0.00

HYLAND___LFGE 323620	43.05 -1.06 0.00	41.65 -1.60 0.00	40.08 -1.11 0.00	39.94 -1.23 0.00	39.77 -1.27 0.00	42.07 -1.26 0.00	61.44 -1.57 0.00	74.82 -1.06 0.00	58.95 -2.65 0.00	53.43 -2.93 0.00	49.65 -3.40 0.00	47.85 -3.38 0.00	47.42 -3.62 0.00	48.13 -3.68 0.00	49.20 -3.53 0.02	56.55 -3.68 0.03	65.47 -3.81 0.03	86.03 -2.20 0.00	77.05 -1.49 0.00	66.04 -0.67 0.00	59.63 -0.36 0.00	55.31 -0.90 0.00	50.51 -0.92 0.00	47.06 -0.91 0.00
INDECK___CORINTH 23802	45.43 1.32 0.00	44.63 1.38 0.00	42.59 1.40 0.00	42.49 1.32 0.00	42.32 1.27 0.00	44.76 1.43 0.00	65.15 2.14 0.00	78.09 2.20 0.00	63.26 1.66 0.00	57.78 1.41 0.00	54.53 1.48 0.00	52.41 1.18 0.00	52.16 1.12 0.00	52.79 0.98 0.00	53.86 1.11 0.00	61.65 1.39 0.00	71.33 2.01 0.00	90.70 2.47 0.00	80.83 2.28 0.00	68.37 1.67 0.00	61.54 1.56 0.00	57.67 1.46 0.00	52.88 1.44 0.00	49.27 1.30 0.00
INDECK___ILION 23567	45.34 1.24 0.00	44.46 1.21 0.00	42.34 1.15 0.00	42.33 1.15 0.00	42.19 1.15 0.00	44.63 1.30 0.00	64.84 1.83 0.00	78.08 2.20 0.00	63.26 1.66 0.00	57.83 1.47 0.00	54.59 1.54 0.00	52.66 1.43 0.00	52.47 1.43 0.00	53.20 1.40 0.00	54.12 1.37 0.00	61.83 1.57 0.00	71.26 1.94 0.00	90.61 2.38 0.00	80.67 2.12 0.00	68.44 1.73 0.00	61.67 1.68 0.00	57.79 1.57 0.00	52.93 1.49 0.00	49.42 1.44 0.00
INDECK___OLEAN 23982	40.62 -3.49 0.00	39.27 -3.98 0.00	37.69 -3.50 0.00	37.59 -3.58 0.00	37.43 -3.61 0.00	39.69 -3.64 0.00	57.72 -5.29 0.00	69.74 -6.14 0.00	55.31 -6.28 0.00	51.07 -5.30 0.00	47.75 -5.30 0.00	46.21 -5.02 0.00	45.89 -5.15 0.00	46.42 -5.39 0.00	47.20 -5.54 0.01	53.97 -6.27 0.02	61.81 -7.49 0.02	80.03 -8.20 0.00	71.56 -6.99 0.00	61.17 -5.54 0.00	55.31 -4.68 0.00	51.32 -4.89 0.00	47.48 -3.96 0.00	44.04 -3.93 0.00
INDECK___OSWEGO 23783	42.26 -1.85 0.00	41.34 -1.90 0.00	39.42 -1.77 0.00	39.41 -1.77 0.00	39.24 -1.80 0.00	41.47 -1.86 0.00	60.24 -2.77 0.00	72.70 -3.18 0.00	58.95 -2.65 0.00	53.89 -2.48 0.00	50.66 -2.39 0.00	48.92 -2.30 0.00	48.75 -2.30 0.00	49.53 -2.28 0.00	50.48 -2.27 0.00	57.61 -2.65 0.00	66.27 -3.05 0.00	84.44 -3.79 0.00	75.25 -3.30 0.00	63.97 -2.74 0.00	57.53 -2.46 0.00	53.80 -2.42 0.00	49.23 -2.21 0.00	45.92 -2.06 0.00
INDECK___YERKES 23781	40.36 -3.75 0.00	39.05 -4.19 0.00	37.48 -3.71 0.00	37.35 -3.83 0.00	37.18 -3.86 0.00	39.30 -4.03 0.00	56.46 -6.55 0.00	68.45 -7.43 0.00	54.64 -6.96 0.00	50.68 -5.69 0.00	47.43 -5.62 0.00	45.95 -5.28 0.00	45.68 -5.36 0.00	46.37 -5.44 0.00	47.31 -5.43 0.01	53.86 -6.39 0.02	61.05 -8.25 0.02	79.05 -9.18 0.00	70.38 -8.17 0.00	60.23 -6.47 0.00	54.59 -5.40 0.00	50.65 -5.57 0.00	47.07 -4.37 0.00	43.61 -4.37 0.00
INDIAN POINT_GT_1 24139	46.40 2.29 0.00	45.36 2.12 0.00	43.13 1.94 0.00	43.15 1.98 0.00	42.97 1.93 0.00	45.41 2.08 0.00	66.41 3.40 0.00	79.15 3.26 0.00	64.37 2.77 0.00	58.90 2.54 0.00	55.54 2.49 0.00	53.64 2.41 0.00	53.54 2.50 0.00	54.39 2.59 0.00	55.33 2.58 0.00	63.16 2.89 0.00	73.20 3.88 0.00	92.99 4.76 0.00	82.63 4.08 0.00	69.91 3.20 0.00	62.69 2.70 0.00	58.63 2.42 0.00	53.75 2.31 0.00	49.99 2.02 0.00
INDIAN POINT_GT_2 23659	46.40 2.29 0.00	45.36 2.12 0.00	43.13 1.94 0.00	43.15 1.98 0.00	42.97 1.93 0.00	45.41 2.08 0.00	66.41 3.40 0.00	79.15 3.26 0.00	64.37 2.77 0.00	58.90 2.54 0.00	55.54 2.49 0.00	53.64 2.41 0.00	53.54 2.50 0.00	54.39 2.59 0.00	55.33 2.58 0.00	63.16 2.89 0.00	73.20 3.88 0.00	92.99 4.76 0.00	82.63 4.08 0.00	69.91 3.20 0.00	62.69 2.70 0.00	58.63 2.42 0.00	53.75 2.31 0.00	49.99 2.02 0.00
INDIAN POINT_GT_3 24019	46.40 2.29 0.00	45.36 2.12 0.00	43.13 1.94 0.00	43.15 1.98 0.00	42.97 1.93 0.00	45.41 2.08 0.00	66.41 3.40 0.00	79.15 3.26 0.00	64.37 2.77 0.00	58.90 2.54 0.00	55.54 2.49 0.00	53.64 2.41 0.00	53.54 2.50 0.00	54.39 2.59 0.00	55.33 2.58 0.00	63.16 2.89 0.00	73.20 3.88 0.00	92.99 4.76 0.00	82.63 4.08 0.00	69.91 3.20 0.00	62.69 2.70 0.00	58.63 2.42 0.00	53.75 2.31 0.00	49.99 2.02 0.00
INDIAN POINT___2 23530	46.36 2.25 0.00	45.36 2.12 0.00	43.09 1.90 0.00	43.07 1.90 0.00	42.93 1.89 0.00	45.32 1.99 0.00	66.28 3.27 0.00	79.07 3.19 0.00	64.30 2.71 0.00	58.84 2.48 0.00	55.49 2.44 0.00	53.59 2.36 0.00	53.49 2.45 0.00	54.29 2.49 0.00	55.23 2.48 0.00	62.98 2.71 0.00	72.92 3.60 0.00	92.73 4.50 0.00	82.47 3.93 0.00	69.77 3.07 0.00	62.56 2.58 0.00	58.57 2.36 0.00	53.60 2.16 0.00	49.90 1.92 0.00
INDIAN POINT___3 23531	46.40 2.29 0.00	45.36 2.12 0.00	43.13 1.94 0.00	43.15 1.98 0.00	42.97 1.93 0.00	45.41 2.08 0.00	66.41 3.40 0.00	79.15 3.26 0.00	64.43 2.83 0.00	58.90 2.54 0.00	55.54 2.49 0.00	53.64 2.41 0.00	53.59 2.55 0.00	54.39 2.59 0.00	55.33 2.58 0.00	63.16 2.89 0.00	73.20 3.88 0.00	92.99 4.76 0.00	82.63 4.08 0.00	69.91 3.20 0.00	62.69 2.70 0.00	58.63 2.42 0.00	53.80 2.37 0.00	49.99 2.02 0.00
INGHAM_C_115KV_TB7 356103	46.84 2.73 0.00	45.97 2.72 0.00	43.78 2.59 0.00	43.77 2.59 0.00	43.67 2.63 0.00	46.19 2.86 0.00	67.11 4.10 0.00	80.82 4.93 0.00	65.42 3.82 0.00	59.81 3.44 0.00	56.50 3.45 0.00	54.56 3.33 0.00	54.31 3.27 0.00	55.02 3.21 0.00	55.97 3.22 0.00	63.82 3.56 0.00	73.47 4.16 0.00	93.52 5.29 0.00	83.26 4.71 0.00	70.64 3.94 0.00	63.71 3.72 0.00	59.81 3.60 0.00	54.88 3.45 0.00	51.24 3.26 0.00
IP CORINTH___1 23988	46.84 2.73 0.00	45.97 2.72 0.00	43.87 2.68 0.00	43.81 2.64 0.00	43.59 2.54 0.00	44.98 1.65 0.00	65.53 2.52 0.00	78.39 2.50 0.00	63.63 2.03 0.00	58.06 1.69 0.00	54.80 1.75 0.00	52.66 1.43 0.00	52.42 1.38 0.00	53.05 1.24 0.00	54.12 1.37 0.00	62.01 1.75 0.00	71.74 2.43 0.00	91.14 2.91 0.00	81.30 2.75 0.00	68.77 2.07 0.00	61.91 1.92 0.00	57.96 1.74 0.00	53.14 1.70 0.00	49.51 1.54 0.00
IP___TICONDEROGA 23804	48.52 4.41 0.00	47.70 4.45 0.00	45.56 4.37 0.00	45.46 4.28 0.00	45.23 4.19 0.00	46.93 3.60 0.00	68.62 5.61 0.00	81.88 5.99 0.00	66.22 4.62 0.00	60.26 3.89 0.00	56.87 3.82 0.00	54.51 3.28 0.00	54.15 3.11 0.00	54.81 3.00 0.00	55.97 3.22 0.00	64.36 4.10 0.00	74.79 5.48 0.00	95.20 6.97 0.00	85.07 6.52 0.00	71.84 5.14 0.00	64.61 4.62 0.00	60.43 4.22 0.00	55.40 3.96 0.00	51.57 3.60 0.00
ISLIP_RES_REC 323679	48.03 3.92 0.00	46.79 3.55 0.00	44.32 3.13 0.00	44.22 3.05 0.00	44.16 3.12 0.00	46.97 3.64 0.00	69.12 6.11 0.00	79.75 3.87 0.00	66.65 5.05 0.00	60.71 4.34 0.00	55.97 2.92 0.00	54.04 2.82 0.00	54.15 3.11 0.00	55.64 3.83 0.00	56.81 4.06 0.00	64.18 3.91 0.00	75.48 6.17 0.00	95.82 7.59 0.00	85.63 7.07 -0.01	72.51 5.80 -0.01	64.49 4.50 0.00	60.26 4.05 0.00	54.47 3.03 0.00	51.53 3.55 0.00

JAMAICA__27_KV_LOAD 355505	46.93 2.82 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.48 2.31 0.00	43.34 2.30 0.00	45.84 2.51 0.00	67.17 4.16 0.00	80.06 4.17 0.00	65.17 3.57 0.00	59.64 3.27 0.00	56.23 3.18 0.00	54.25 3.02 0.00	54.10 3.06 0.00	55.07 3.26 0.00	56.07 3.32 0.00	64.00 3.74 0.00	74.17 4.85 0.00	94.41 6.18 0.00	83.65 5.11 0.00	70.77 4.07 0.00	63.41 3.42 0.00	59.42 3.20 0.00	54.58 3.14 0.00	50.57 2.59 0.00
JANIS__SOLAR 323808	44.99 0.88 0.00	43.93 0.69 0.00	41.93 0.74 0.00	41.88 0.70 0.00	41.78 0.74 0.00	44.28 0.95 0.00	64.84 1.83 0.00	78.84 2.96 0.00	63.07 1.48 0.00	57.27 0.90 0.00	53.53 0.48 0.00	51.59 0.36 0.00	51.30 0.26 0.00	52.12 0.31 0.00	53.24 0.47 -0.02	61.08 0.78 -0.03	70.73 1.39 -0.03	91.23 3.00 0.00	81.29 2.75 0.00	68.97 2.27 0.00	62.21 2.22 0.00	57.78 1.57 0.00	52.77 1.34 0.00	49.18 1.20 0.00
JARVIS____ 23743	44.29 0.18 0.00	43.42 0.17 0.00	41.35 0.17 0.00	41.34 0.17 0.00	41.21 0.16 0.00	43.50 0.17 0.00	63.26 0.25 0.00	76.04 0.15 0.00	61.72 0.12 0.00	56.48 0.11 0.00	53.16 0.11 0.00	51.33 0.10 0.00	51.14 0.10 0.00	51.91 0.10 0.00	52.86 0.11 0.00	60.38 0.12 0.00	69.59 0.28 0.00	88.58 0.35 0.00	78.86 0.32 0.00	66.90 0.20 0.00	60.17 0.18 0.00	56.33 0.11 0.00	51.59 0.15 0.00	48.12 0.14 0.00
JENNISON____1 23625	45.03 0.93 0.00	44.15 0.91 0.00	42.05 0.86 0.00	42.00 0.82 0.00	41.91 0.86 0.00	44.41 1.08 0.00	65.03 2.02 0.00	78.77 2.88 0.00	63.26 1.66 0.00	57.61 1.24 0.00	54.16 1.11 0.00	52.25 1.02 0.00	51.96 0.92 0.00	52.69 0.88 0.00	53.70 0.95 -0.01	61.72 1.45 -0.01	71.40 2.08 -0.01	92.02 3.79 0.00	81.77 3.22 0.00	69.24 2.53 0.00	62.51 2.52 0.00	57.79 1.57 0.00	52.88 1.44 0.00	49.32 1.34 0.00
JENNISON____2 23626	45.03 0.93 0.00	44.15 0.91 0.00	42.05 0.86 0.00	42.00 0.82 0.00	41.91 0.86 0.00	44.41 1.08 0.00	65.03 2.02 0.00	78.77 2.88 0.00	63.26 1.66 0.00	57.61 1.24 0.00	54.16 1.11 0.00	52.25 1.02 0.00	51.96 0.92 0.00	52.69 0.88 0.00	53.70 0.95 -0.01	61.72 1.45 -0.01	71.40 2.08 -0.01	92.02 3.79 0.00	81.77 3.22 0.00	69.24 2.53 0.00	62.51 2.52 0.00	57.79 1.57 0.00	52.88 1.44 0.00	49.32 1.34 0.00
JERICOHO_RISE_WT_PWR 323719	44.15 0.04 0.00	43.42 0.17 0.00	41.27 0.08 0.00	41.34 0.17 0.00	41.25 0.21 0.00	43.55 0.22 0.00	63.45 0.44 0.00	77.02 1.14 0.00	62.52 0.93 0.00	57.16 0.79 0.00	53.69 0.64 0.00	51.85 0.62 0.00	51.55 0.51 0.00	52.22 0.41 0.00	53.12 0.37 0.00	60.69 0.42 0.00	69.45 0.14 0.00	88.67 0.44 0.00	78.86 0.32 0.00	67.04 0.34 0.00	60.53 0.54 0.00	56.83 0.62 0.00	51.95 0.51 0.00	48.51 0.53 0.00
KATONAH__115KV_46KV_TB4 355592	46.62 2.51 0.00	45.58 2.34 0.00	43.33 2.14 0.00	43.36 2.18 0.00	43.18 2.13 0.00	45.63 2.30 0.00	66.79 3.78 0.00	79.53 3.64 0.00	64.74 3.14 0.00	59.19 2.82 0.00	55.86 2.81 0.00	53.89 2.66 0.00	53.80 2.76 0.00	54.71 2.90 0.00	55.65 2.90 0.00	63.52 3.25 0.00	73.54 4.23 0.00	93.61 5.38 0.00	83.10 4.56 0.00	70.31 3.60 0.00	63.11 3.12 0.00	58.97 2.75 0.00	54.01 2.57 0.00	50.23 2.25 0.00
KCE_NY_1 323755	46.00 1.90 0.00	45.15 1.90 0.00	43.04 1.86 0.00	42.99 1.81 0.00	42.81 1.76 0.00	45.23 1.90 0.00	65.85 2.84 0.00	78.92 3.04 0.00	63.94 2.34 0.00	58.39 2.03 0.00	55.07 2.02 0.00	53.02 1.79 0.00	52.78 1.74 0.00	53.57 1.76 0.00	54.60 1.85 0.00	62.55 2.29 0.00	72.29 2.98 0.00	91.85 3.62 0.00	81.84 3.30 0.00	69.37 2.67 0.00	62.32 2.34 0.00	58.35 2.14 0.00	53.44 2.00 0.00	49.80 1.82 0.00
KCE_NY_6_ESR 323823	40.54 -3.57 0.00	39.18 -4.07 0.00	37.61 -3.58 0.00	37.51 -3.66 0.00	37.35 -3.69 0.00	39.52 -3.81 0.00	56.96 -6.05 0.00	68.98 -6.90 0.00	55.01 -6.59 0.00	50.90 -5.47 0.00	47.64 -5.41 0.00	46.16 -5.07 0.00	45.89 -5.15 0.00	46.57 -5.23 0.00	47.47 -5.27 0.01	54.16 -6.08 0.02	61.53 -7.76 0.02	79.67 -8.56 0.00	71.01 -7.54 0.00	60.77 -5.94 0.00	55.07 -4.92 0.00	51.10 -5.11 0.00	47.37 -4.06 0.00	43.95 -4.03 0.00
KEDC_PORT_JEFF_GT2 24210	47.73 3.62 0.00	46.49 3.25 0.00	44.07 2.88 0.00	43.94 2.76 0.00	43.87 2.83 0.00	46.62 3.29 0.00	68.56 5.55 0.00	79.07 3.19 0.00	66.15 4.56 0.00	60.31 3.94 0.00	55.49 2.44 0.00	53.64 2.41 0.00	53.74 2.70 0.00	55.17 3.37 0.00	56.28 3.53 0.00	63.46 3.19 0.00	74.58 5.27 0.00	94.67 6.44 0.00	84.60 6.05 -0.01	71.58 4.87 -0.01	63.71 3.72 0.00	59.70 3.49 0.00	54.01 2.57 0.00	51.19 3.21 0.00
KEDC_PORT_JEFF_GT3 24211	47.73 3.62 0.00	46.49 3.25 0.00	44.07 2.88 0.00	43.94 2.76 0.00	43.87 2.83 0.00	46.62 3.29 0.00	68.56 5.55 0.00	79.07 3.19 0.00	66.15 4.56 0.00	60.31 3.94 0.00	55.49 2.44 0.00	53.64 2.41 0.00	53.74 2.70 0.00	55.17 3.37 0.00	56.28 3.53 0.00	63.46 3.19 0.00	74.58 5.27 0.00	94.67 6.44 0.00	84.60 6.05 -0.01	71.58 4.87 -0.01	63.71 3.72 0.00	59.70 3.49 0.00	54.01 2.57 0.00	51.19 3.21 0.00
KEDC_GLWD_GT4 24219	47.19 3.09 0.00	46.10 2.85 0.00	43.74 2.55 0.00	43.69 2.51 0.00	43.55 2.50 0.00	46.14 2.81 0.00	67.61 4.60 0.00	79.60 3.72 0.00	65.54 3.95 0.00	59.86 3.50 0.00	55.97 2.92 0.00	54.10 2.87 0.00	54.10 3.06 0.00	55.17 3.37 0.00	56.23 3.48 0.00	63.94 3.68 0.00	74.37 5.06 0.00	94.50 6.27 0.00	84.14 5.58 -0.02	71.26 4.54 -0.02	63.71 3.72 0.00	59.53 3.32 0.00	54.16 2.72 0.00	50.76 2.78 0.00
KEDC_GLWD_GT5 24220	47.19 3.09 0.00	46.10 2.85 0.00	43.74 2.55 0.00	43.69 2.51 0.00	43.55 2.50 0.00	46.14 2.81 0.00	67.61 4.60 0.00	79.60 3.72 0.00	65.54 3.95 0.00	59.86 3.50 0.00	55.97 2.92 0.00	54.10 2.87 0.00	54.10 3.06 0.00	55.17 3.37 0.00	56.23 3.48 0.00	63.94 3.68 0.00	74.37 5.06 0.00	94.50 6.27 0.00	84.14 5.58 -0.02	71.26 4.54 -0.02	63.71 3.72 0.00	59.53 3.32 0.00	54.16 2.72 0.00	50.76 2.78 0.00
KENSICO____ 23655	46.53 2.43 0.00	45.49 2.25 0.00	43.21 2.02 0.00	43.24 2.06 0.00	43.10 2.05 0.00	45.50 2.17 0.00	66.60 3.59 0.00	79.37 3.49 0.00	64.62 3.02 0.00	59.13 2.76 0.00	55.70 2.65 0.00	53.84 2.61 0.00	53.75 2.71 0.00	54.55 2.75 0.00	55.55 2.80 0.00	63.40 3.13 0.00	73.40 4.09 0.00	93.26 5.03 0.00	82.87 4.32 0.00	70.11 3.40 0.00	62.87 2.88 0.00	58.80 2.59 0.00	53.91 2.47 0.00	50.14 2.16 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	46.49 2.38 0.00	45.49 2.25 0.00	43.21 2.02 0.00	43.28 2.10 0.00	43.10 2.05 0.00	45.58 2.25 0.00	66.73 3.72 0.00	79.60 3.72 0.00	64.49 2.90 0.00	58.85 2.48 0.00	55.44 2.39 0.00	53.48 2.25 0.00	53.44 2.40 0.00	54.29 2.49 0.00	55.23 2.48 0.00	63.34 3.07 0.00	73.47 4.16 0.00	93.70 5.47 0.00	83.42 4.87 0.00	70.57 3.87 0.00	63.11 3.12 0.00	59.08 2.87 0.00	54.06 2.62 0.00	50.18 2.21 0.00

KIAC_JFK_GT1 23816	46.80 2.69 0.00	45.67 2.42 0.00	43.37 2.18 0.00	43.40 2.22 0.00	43.22 2.18 0.00	45.71 2.38 0.00	66.98 3.97 0.00	79.83 3.95 0.00	64.98 3.39 0.00	59.52 3.16 0.00	56.07 3.02 0.00	54.10 2.87 0.00	53.95 2.91 0.00	54.91 3.11 0.00	55.91 3.16 0.00	63.82 3.56 0.00	73.96 4.64 0.00	94.05 5.82 0.00	83.42 4.87 0.00	70.57 3.87 0.00	63.23 3.24 0.00	59.19 2.98 0.00	54.42 2.98 0.00	50.42 2.45 0.00
KIAC_JFK_GT2 23817	46.80 2.69 0.00	45.67 2.42 0.00	43.37 2.18 0.00	43.40 2.22 0.00	43.22 2.18 0.00	45.71 2.38 0.00	66.98 3.97 0.00	79.83 3.95 0.00	64.98 3.39 0.00	59.52 3.16 0.00	56.07 3.02 0.00	54.10 2.87 0.00	53.95 2.91 0.00	54.91 3.11 0.00	55.91 3.16 0.00	63.82 3.56 0.00	73.96 4.64 0.00	94.05 5.82 0.00	83.42 4.87 0.00	70.57 3.87 0.00	63.23 3.24 0.00	59.19 2.98 0.00	54.42 2.98 0.00	50.42 2.45 0.00
KIAC_JFK____ 323774	46.80 2.69 0.00	45.75 2.51 0.00	43.41 2.22 0.00	43.40 2.22 0.00	43.22 2.17 0.00	45.71 2.38 0.00	66.92 3.91 0.00	79.83 3.94 0.00	64.98 3.39 0.00	59.52 3.15 0.00	56.07 3.02 0.00	54.10 2.87 0.00	53.95 2.91 0.00	54.97 3.16 0.00	55.91 3.16 0.00	63.76 3.49 0.00	73.82 4.50 0.00	93.96 5.73 0.00	83.34 4.79 0.00	70.50 3.80 0.00	63.16 3.18 0.00	59.19 2.98 0.00	54.27 2.83 0.00	50.42 2.45 0.00
KINTIGH__24_KV_GSU 356498	40.67 -3.44 0.00	39.44 -3.81 0.00	37.81 -3.38 0.00	37.72 -3.46 0.00	37.56 -3.49 0.00	39.69 -3.64 0.00	57.08 -5.93 0.00	69.05 -6.83 0.00	55.38 -6.22 0.00	51.18 -5.18 0.00	48.01 -5.04 0.00	46.52 -4.71 0.00	46.19 -4.85 0.00	46.88 -4.92 0.00	47.84 -4.90 0.01	54.41 -5.84 0.01	61.89 -7.42 0.01	79.93 -8.30 0.00	71.16 -7.39 0.00	60.77 -5.94 0.00	55.07 -4.92 0.00	51.15 -5.06 0.00	47.27 -4.16 0.00	43.95 -4.03 0.00
KINTIGH____ 23543	40.32 -3.79 0.00	39.35 -3.89 0.00	37.69 -3.50 0.00	37.43 -3.75 0.00	37.23 -3.82 0.00	39.69 -3.64 0.00	56.96 -6.05 0.00	69.05 -6.83 0.00	55.38 -6.22 0.00	51.18 -5.19 0.00	47.96 -5.09 0.00	46.52 -4.71 0.00	46.19 -4.85 0.00	46.83 -4.97 0.00	47.84 -4.91 0.01	54.10 -6.15 0.01	61.40 -7.90 0.01	79.58 -8.65 0.00	71.01 -7.54 0.00	60.63 -6.07 0.00	54.95 -5.04 0.00	51.15 -5.06 0.00	46.86 -4.58 0.00	43.90 -4.08 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	44.55 0.44 0.00	43.81 0.56 0.00	41.60 0.41 0.00	41.67 0.49 0.00	41.58 0.53 0.00	43.89 0.56 0.00	64.08 1.07 0.00	77.93 2.05 0.00	63.14 1.54 0.00	57.72 1.35 0.00	54.16 1.11 0.00	52.30 1.08 0.00	52.01 0.97 0.00	52.63 0.83 0.00	53.54 0.79 0.00	61.23 0.96 0.00	70.15 0.83 0.00	89.64 1.41 0.00	79.72 1.18 0.00	67.84 1.13 0.00	61.25 1.26 0.00	57.45 1.24 0.00	52.47 1.03 0.00	49.03 1.06 0.00
LACHUTE____HYDRO 323717	47.51 3.40 0.00	46.71 3.46 0.00	44.61 3.42 0.00	44.51 3.33 0.00	44.29 3.24 0.00	46.92 3.59 0.00	68.56 5.55 0.00	82.11 6.22 0.00	66.22 4.62 0.00	60.25 3.89 0.00	56.87 3.82 0.00	54.51 3.28 0.00	54.15 3.11 0.00	54.81 3.00 0.00	55.97 3.22 0.00	64.36 4.10 0.00	74.73 5.41 0.00	95.20 6.97 0.00	85.06 6.52 0.00	71.84 5.14 0.00	64.61 4.62 0.00	60.43 4.22 0.00	55.35 3.91 0.00	51.58 3.60 0.00
LAWRNCV_115KV_TB1 80681	44.73 0.62 0.00	43.98 0.74 0.00	41.77 0.58 0.00	41.88 0.70 0.00	41.78 0.74 0.00	44.07 0.74 0.00	64.27 1.26 0.00	78.24 2.35 0.00	63.26 1.66 0.00	57.78 1.41 0.00	54.27 1.22 0.00	52.41 1.18 0.00	52.21 1.17 0.00	52.89 1.09 0.00	53.80 1.05 0.00	61.35 1.08 0.00	69.73 0.42 0.00	88.85 0.62 0.00	79.02 0.47 0.00	67.30 0.60 0.00	61.31 1.32 0.00	57.73 1.52 0.00	52.78 1.34 0.00	49.32 1.34 0.00
LEDERLE____ 23769	46.58 2.47 0.00	45.54 2.29 0.00	43.25 2.06 0.00	43.28 2.10 0.00	43.14 2.09 0.00	45.58 2.25 0.00	66.66 3.65 0.00	79.45 3.57 0.00	64.62 3.02 0.00	59.13 2.76 0.00	55.76 2.71 0.00	53.84 2.61 0.00	53.75 2.71 0.00	54.55 2.75 0.00	55.49 2.74 0.00	63.46 3.19 0.00	73.54 4.23 0.00	93.44 5.21 0.00	83.02 4.48 0.00	70.31 3.60 0.00	62.99 3.00 0.00	58.91 2.70 0.00	54.01 2.57 0.00	50.18 2.21 0.00
LIGHTHSE_115KV_TB6 355974	42.96 -1.15 0.00	42.08 -1.17 0.00	40.12 -1.07 0.00	40.11 -1.07 0.00	39.89 -1.15 0.00	42.16 -1.17 0.00	61.31 -1.70 0.00	74.37 -1.52 0.00	60.06 -1.54 0.00	54.85 -1.52 0.00	51.62 -1.43 0.00	49.85 -1.38 0.00	49.61 -1.43 0.00	50.41 -1.40 0.00	51.27 -1.48 0.00	58.52 -1.75 0.00	67.30 -2.01 0.00	86.11 -2.12 0.00	76.58 -1.96 0.00	65.10 -1.60 0.00	58.67 -1.32 0.00	54.92 -1.29 0.00	50.26 -1.18 0.00	46.87 -1.10 0.00
LINDEN COGEN____ 23786	45.92 2.60 0.79	45.64 2.42 0.03	43.37 2.18 0.00	43.36 2.18 0.00	43.18 2.13 0.00	45.62 2.29 0.00	66.73 3.72 0.00	79.53 3.64 0.00	52.00 3.20 12.80	48.72 2.99 10.63	47.22 2.92 8.75	47.22 2.87 6.88	47.22 2.96 6.78	46.62 3.00 8.19	48.40 3.06 7.41	63.70 3.43 0.00	73.68 4.37 0.00	93.70 5.47 0.00	70.28 4.40 12.66	57.39 3.40 12.71	50.12 2.88 12.74	48.22 2.70 10.69	49.34 2.57 4.67	47.22 2.26 3.01
LINDHRST_69_KV_BK1 356055	48.17 4.06 0.00	46.88 3.63 0.00	44.44 3.25 0.00	44.35 3.17 0.00	44.29 3.24 0.00	47.06 3.73 0.00	69.31 6.30 0.00	80.51 4.63 0.00	66.83 5.24 0.00	60.88 4.51 0.00	56.34 3.29 0.00	54.40 3.18 0.00	54.46 3.42 0.00	55.90 4.09 0.00	57.08 4.33 0.00	65.02 4.76 0.00	76.11 6.79 0.00	96.97 8.73 0.00	86.25 7.70 -0.01	73.05 6.34 -0.01	65.03 5.04 0.00	60.65 4.44 0.00	55.09 3.65 0.00	51.77 3.79 0.00
LIPA_MISC_IPP 23656	47.73 3.62 0.00	46.45 3.20 0.00	44.03 2.84 0.00	43.94 2.76 0.00	43.88 2.83 0.00	46.67 3.34 0.00	68.55 5.54 0.00	79.37 3.49 0.00	66.09 4.50 0.00	60.20 3.83 0.00	55.49 2.44 0.00	53.59 2.36 0.00	53.70 2.65 0.00	55.12 3.32 0.00	56.34 3.59 0.00	63.94 3.68 0.00	74.93 5.61 0.00	95.47 7.23 0.00	85.00 6.44 -0.01	71.92 5.20 -0.01	63.95 3.96 0.00	59.81 3.60 0.00	54.37 2.93 0.00	51.24 3.26 0.00
LISF____SOLAR 323691	47.81 3.71 0.00	46.58 3.33 0.00	44.11 2.92 0.00	44.02 2.84 0.00	43.96 2.91 0.00	46.75 3.42 0.00	68.68 5.67 0.00	79.22 3.34 0.00	66.15 4.56 0.00	60.25 3.89 0.00	55.54 2.49 0.00	53.59 2.36 0.00	53.74 2.70 0.00	55.22 3.42 0.00	56.39 3.64 0.00	63.70 3.43 0.00	74.93 5.61 0.00	95.20 6.97 0.00	85.15 6.60 -0.01	72.05 5.34 -0.01	64.07 4.08 0.00	59.92 3.71 0.00	54.11 2.67 0.00	51.28 3.31 0.00
LITTLE FALLS____HYD 24013	46.84 2.73 0.00	45.97 2.72 0.00	43.78 2.59 0.00	43.77 2.59 0.00	43.67 2.63 0.00	46.19 2.86 0.00	67.11 4.10 0.00	80.82 4.93 0.00	65.42 3.82 0.00	59.81 3.44 0.00	56.50 3.45 0.00	54.56 3.33 0.00	54.31 3.27 0.00	55.02 3.21 0.00	55.97 3.22 0.00	63.82 3.56 0.00	73.47 4.16 0.00	93.52 5.29 0.00	83.26 4.71 0.00	70.64 3.94 0.00	63.71 3.72 0.00	59.81 3.60 0.00	54.88 3.45 0.00	51.24 3.26 0.00

LITTLRIV_115KV_TB1 356100	45.26 1.15 0.00	44.50 1.25 0.00	42.26 1.07 0.00	42.33 1.15 0.00	42.28 1.23 0.00	44.59 1.26 0.00	65.15 2.14 0.00	79.37 3.49 0.00	64.00 2.40 0.00	58.28 1.92 0.00	54.70 1.64 0.00	52.82 1.59 0.00	52.57 1.53 0.00	53.26 1.45 0.00	54.17 1.42 0.00	61.89 1.63 0.00	70.49 1.18 0.00	90.26 2.03 0.00	80.20 1.65 0.00	68.24 1.53 0.00	62.21 2.22 0.00	58.52 2.30 0.00	53.50 2.06 0.00	49.99 2.02 0.00
LI_NEWBRDGE___DRP 323616	47.20 3.09 0.00	46.01 2.77 0.00	43.62 2.43 0.00	43.57 2.39 0.00	43.51 2.46 0.00	46.15 2.82 0.00	67.74 4.73 0.00	78.92 3.04 0.00	65.48 3.88 0.00	59.75 3.38 0.00	55.33 2.28 0.00	53.48 2.25 0.00	53.54 2.50 0.00	54.76 2.95 0.00	55.86 3.11 0.00	63.58 3.31 0.00	74.24 4.92 0.00	94.41 6.18 0.00	83.90 5.34 -0.01	71.05 4.34 -0.01	63.35 3.36 0.00	59.19 2.98 0.00	53.96 2.52 0.00	50.71 2.73 0.00
LOCKPORT_115KV_TB60_63_64 80432	39.83 -4.28 0.00	38.66 -4.58 0.00	37.19 -4.00 0.00	36.81 -4.36 0.00	36.69 -4.35 0.00	39.04 -4.29 0.00	55.95 -7.06 0.00	67.99 -7.89 0.00	54.27 -7.33 0.00	50.28 -6.09 0.00	47.06 -5.99 0.00	45.64 -5.58 0.00	45.32 -5.72 0.00	45.95 -5.85 0.00	46.94 -5.80 0.01	53.32 -6.93 0.02	60.43 -8.87 0.02	78.17 -10.06 0.00	69.75 -8.80 0.00	59.63 -7.07 0.00	54.17 -5.82 0.00	50.37 -5.85 0.00	46.24 -5.20 0.00	43.27 -4.70 0.00
LOCKPORT___CC1 323769	40.18 -3.93 0.00	38.75 -4.50 0.00	37.24 -3.95 0.00	37.22 -3.95 0.00	37.02 -4.02 0.00	39.04 -4.29 0.00	56.08 -6.93 0.00	67.92 -7.97 0.00	54.27 -7.33 0.00	50.28 -6.09 0.00	47.06 -5.99 0.00	45.65 -5.58 0.00	45.33 -5.72 0.00	46.00 -5.80 0.00	46.89 -5.86 0.01	53.44 -6.81 0.02	60.56 -8.74 0.02	78.43 -9.80 0.00	69.91 -8.64 0.00	59.77 -6.94 0.00	54.29 -5.70 0.00	50.37 -5.85 0.00	46.71 -4.73 0.00	43.37 -4.61 0.00
LOCKPORT___CC2 323770	40.18 -3.93 0.00	38.75 -4.50 0.00	37.24 -3.95 0.00	37.22 -3.95 0.00	37.02 -4.02 0.00	39.04 -4.29 0.00	56.08 -6.93 0.00	67.92 -7.97 0.00	54.27 -7.33 0.00	50.28 -6.09 0.00	47.06 -5.99 0.00	45.65 -5.58 0.00	45.33 -5.72 0.00	46.00 -5.80 0.00	46.89 -5.86 0.01	53.44 -6.81 0.02	60.56 -8.74 0.02	78.43 -9.80 0.00	69.91 -8.64 0.00	59.77 -6.94 0.00	54.29 -5.70 0.00	50.37 -5.85 0.00	46.71 -4.73 0.00	43.37 -4.61 0.00
LOCKPORT___CC3 323771	40.18 -3.93 0.00	38.75 -4.50 0.00	37.24 -3.95 0.00	37.22 -3.95 0.00	37.02 -4.02 0.00	39.04 -4.29 0.00	56.08 -6.93 0.00	67.92 -7.97 0.00	54.27 -7.33 0.00	50.28 -6.09 0.00	47.06 -5.99 0.00	45.65 -5.58 0.00	45.33 -5.72 0.00	46.00 -5.80 0.00	46.89 -5.86 0.01	53.44 -6.81 0.02	60.56 -8.74 0.02	78.43 -9.80 0.00	69.91 -8.64 0.00	59.77 -6.94 0.00	54.29 -5.70 0.00	50.37 -5.85 0.00	46.71 -4.73 0.00	43.37 -4.61 0.00
LOCUSVLY_69_KV_BK2 55797	47.46 3.35 0.00	46.27 3.03 0.00	43.87 2.68 0.00	43.85 2.68 0.00	43.75 2.71 0.00	46.36 3.03 0.00	68.11 5.10 0.00	79.68 3.79 0.00	65.91 4.31 0.00	60.14 3.78 0.00	55.97 2.92 0.00	54.10 2.87 0.00	54.10 3.06 0.00	55.28 3.47 0.00	56.34 3.59 0.00	64.18 3.92 0.00	74.86 5.55 0.00	95.20 6.97 0.00	84.61 6.05 -0.01	71.59 4.87 -0.01	63.89 3.90 0.00	59.70 3.49 0.00	54.42 2.98 0.00	51.00 3.02 0.00
LONG_LAKE_PHOENIX 24014	42.61 -1.50 0.00	41.73 -1.51 0.00	39.79 -1.40 0.00	39.74 -1.44 0.00	39.61 -1.44 0.00	41.86 -1.47 0.00	60.80 -2.21 0.00	73.38 -2.50 0.00	59.50 -2.09 0.00	54.45 -1.92 0.00	51.19 -1.86 0.00	49.44 -1.79 0.00	49.25 -1.79 0.00	50.04 -1.76 0.00	51.01 -1.74 0.00	58.21 -2.05 0.00	66.89 -2.43 0.00	85.32 -2.91 0.00	76.03 -2.51 0.00	64.64 -2.07 0.00	58.13 -1.86 0.00	54.36 -1.86 0.00	49.64 -1.80 0.00	46.35 -1.63 0.00
LOVETT___3 23632	46.40 2.29 0.00	45.36 2.12 0.00	43.08 1.89 0.00	43.11 1.94 0.00	42.97 1.93 0.00	45.41 2.08 0.00	66.41 3.40 0.00	79.15 3.26 0.00	64.37 2.77 0.00	58.90 2.54 0.00	55.54 2.49 0.00	53.64 2.41 0.00	53.54 2.50 0.00	54.34 2.54 0.00	55.33 2.58 0.00	63.16 2.89 0.00	73.13 3.81 0.00	92.99 4.76 0.00	82.63 4.08 0.00	69.91 3.20 0.00	62.69 2.70 0.00	58.63 2.42 0.00	53.75 2.31 0.00	49.99 2.02 0.00
LOVETT___4 23642	46.40 2.29 0.00	45.36 2.12 0.00	43.08 1.89 0.00	43.11 1.94 0.00	42.97 1.93 0.00	45.41 2.08 0.00	66.41 3.40 0.00	79.15 3.26 0.00	64.37 2.77 0.00	58.90 2.54 0.00	55.54 2.49 0.00	53.64 2.41 0.00	53.54 2.50 0.00	54.34 2.54 0.00	55.33 2.58 0.00	63.16 2.89 0.00	73.13 3.81 0.00	92.99 4.76 0.00	82.63 4.08 0.00	69.91 3.20 0.00	62.69 2.70 0.00	58.63 2.42 0.00	53.75 2.31 0.00	49.99 2.02 0.00
LOVETT___5 23593	46.40 2.29 0.00	45.36 2.12 0.00	43.08 1.89 0.00	43.11 1.94 0.00	42.97 1.93 0.00	45.41 2.08 0.00	66.41 3.40 0.00	79.15 3.26 0.00	64.37 2.77 0.00	58.90 2.54 0.00	55.54 2.49 0.00	53.64 2.41 0.00	53.54 2.50 0.00	54.34 2.54 0.00	55.33 2.58 0.00	63.16 2.89 0.00	73.13 3.81 0.00	92.99 4.76 0.00	82.63 4.08 0.00	69.91 3.20 0.00	62.69 2.70 0.00	58.63 2.42 0.00	53.75 2.31 0.00	49.99 2.02 0.00
LOWER RAQUET___HYD 24057	44.68 0.57 0.00	43.98 0.73 0.00	41.72 0.53 0.00	41.83 0.66 0.00	41.74 0.70 0.00	44.02 0.69 0.00	64.27 1.26 0.00	78.31 2.43 0.00	63.26 1.66 0.00	57.72 1.35 0.00	54.27 1.22 0.00	52.41 1.18 0.00	52.16 1.12 0.00	52.84 1.04 0.00	53.75 1.00 0.00	61.22 0.96 0.00	69.52 0.21 0.00	88.58 0.35 0.00	78.70 0.16 0.00	67.11 0.40 0.00	61.31 1.32 0.00	57.73 1.52 0.00	52.77 1.34 0.00	49.32 1.34 0.00
LOWER___HUDSON 24059	45.69 1.59 0.00	44.85 1.60 0.00	42.71 1.52 0.00	42.66 1.48 0.00	42.52 1.48 0.00	44.89 1.56 0.00	65.15 2.14 0.00	78.09 2.20 0.00	63.38 1.79 0.00	57.94 1.58 0.00	54.59 1.54 0.00	52.66 1.43 0.00	52.47 1.43 0.00	53.25 1.45 0.00	54.28 1.53 0.00	62.07 1.81 0.00	71.67 2.36 0.00	90.97 2.74 0.00	81.06 2.51 0.00	68.70 2.00 0.00	61.73 1.74 0.00	57.84 1.63 0.00	52.98 1.54 0.00	49.41 1.44 0.00
LOWVILLE_115KV_TB2 356335	44.02 -0.09 0.00	43.16 -0.09 0.00	41.07 -0.12 0.00	41.30 0.12 0.00	41.21 0.16 0.00	43.55 0.22 0.00	63.64 0.63 0.00	78.16 2.28 0.00	62.71 1.11 0.00	56.93 0.56 0.00	53.32 0.27 0.00	51.38 0.15 0.00	51.09 0.05 0.00	52.12 0.31 0.00	53.07 0.32 0.00	60.75 0.48 0.00	70.01 0.69 0.00	89.11 0.88 0.00	78.70 0.16 0.00	67.04 0.33 0.00	60.77 0.78 0.00	56.94 0.73 0.00	52.11 0.67 0.00	48.65 0.67 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.36 2.25 0.00	45.49 2.25 0.00	43.37 2.18 0.00	43.32 2.14 0.00	43.14 2.09 0.00	45.19 1.86 0.00	65.78 2.77 0.00	78.77 2.88 0.00	63.94 2.34 0.00	58.34 1.97 0.00	55.01 1.96 0.00	52.97 1.74 0.00	52.78 1.74 0.00	53.51 1.71 0.00	54.54 1.79 0.00	62.55 2.29 0.00	72.30 2.98 0.00	91.85 3.62 0.00	81.85 3.30 0.00	69.31 2.60 0.00	62.27 2.28 0.00	58.35 2.14 0.00	53.44 2.01 0.00	49.80 1.82 0.00

LUTHERNY_35_KV_BK2 355980	46.36 2.25 0.00	45.49 2.25 0.00	43.41 2.22 0.00	43.36 2.18 0.00	43.18 2.13 0.00	45.24 1.91 0.00	65.85 2.84 0.00	78.84 2.96 0.00	63.94 2.34 0.00	58.40 2.03 0.00	55.07 2.02 0.00	53.02 1.79 0.00	52.78 1.74 0.00	53.57 1.76 0.00	54.60 1.85 0.00	62.55 2.29 0.00	72.36 3.05 0.00	91.85 3.62 0.00	81.92 3.38 0.00	69.37 2.67 0.00	62.33 2.34 0.00	58.35 2.14 0.00	53.44 2.01 0.00	49.85 1.87 0.00
LWR___OSWEGATCHIE_HYD 23850	44.06 -0.04 0.00	43.25 0.00 0.00	41.11 -0.08 0.00	41.26 0.08 0.00	41.17 0.12 0.00	43.37 0.04 0.00	63.39 0.38 0.00	77.48 1.59 0.00	62.40 0.80 0.00	56.76 0.39 0.00	53.37 0.32 0.00	51.48 0.26 0.00	51.25 0.20 0.00	52.01 0.21 0.00	52.96 0.21 0.00	60.32 0.06 0.00	68.97 -0.35 0.00	87.97 -0.26 0.00	78.00 -0.55 0.00	66.37 -0.33 0.00	60.47 0.48 0.00	56.94 0.73 0.00	52.06 0.62 0.00	48.65 0.67 0.00
LYONS_FALL_HYD 23570	44.33 0.22 0.00	43.46 0.22 0.00	41.35 0.17 0.00	41.51 0.33 0.00	41.41 0.37 0.00	43.76 0.43 0.00	63.89 0.88 0.00	78.47 2.58 0.00	63.07 1.48 0.00	57.38 1.02 0.00	53.85 0.80 0.00	51.89 0.66 0.00	51.66 0.61 0.00	52.58 0.78 0.00	53.54 0.79 0.00	61.35 1.09 0.00	70.70 1.39 0.00	89.56 1.33 0.00	79.25 0.71 0.00	67.37 0.67 0.00	60.94 0.96 0.00	57.06 0.84 0.00	52.21 0.77 0.00	48.74 0.77 0.00
MADISON___COUNTY_LFGE 323628	44.81 0.71 0.00	43.89 0.65 0.00	41.85 0.66 0.00	41.84 0.66 0.00	41.74 0.70 0.00	44.15 0.82 0.00	64.40 1.39 0.00	77.17 1.29 0.00	62.40 0.80 0.00	56.99 0.62 0.00	53.58 0.53 0.00	51.74 0.51 0.00	51.50 0.46 0.00	52.27 0.47 0.00	53.28 0.53 0.00	60.99 0.72 0.00	70.22 0.90 0.00	90.35 2.12 0.00	80.27 1.73 0.00	68.04 1.33 0.00	61.37 1.38 0.00	57.28 1.07 0.00	52.36 0.93 0.00	48.89 0.91 0.00
MALONE___115KV_TB1 356076	44.68 0.57 0.00	43.94 0.69 0.00	41.72 0.54 0.00	41.84 0.66 0.00	41.74 0.70 0.00	44.02 0.69 0.00	64.33 1.32 0.00	78.39 2.50 0.00	63.44 1.85 0.00	58.00 1.63 0.00	54.43 1.38 0.00	52.56 1.33 0.00	52.32 1.28 0.00	52.94 1.14 0.00	53.80 1.05 0.00	61.59 1.33 0.00	70.29 0.97 0.00	89.73 1.50 0.00	79.80 1.26 0.00	67.90 1.20 0.00	61.55 1.56 0.00	57.79 1.57 0.00	52.78 1.34 0.00	49.27 1.30 0.00
MAPLEWOD_115KV_TB3 80458	45.65 1.54 0.00	44.76 1.51 0.00	42.67 1.48 0.00	42.62 1.44 0.00	42.48 1.44 0.00	44.76 1.43 0.00	64.77 1.76 0.00	77.48 1.59 0.00	63.01 1.42 0.00	57.61 1.24 0.00	54.32 1.27 0.00	52.41 1.18 0.00	52.21 1.17 0.00	53.05 1.24 0.00	54.02 1.27 0.00	61.77 1.51 0.00	71.39 2.08 0.00	90.26 2.03 0.00	80.51 1.96 0.00	68.30 1.60 0.00	61.37 1.38 0.00	57.56 1.35 0.00	52.88 1.44 0.00	49.27 1.30 0.00
MAPLE_RIDGE_WT_1 323574	43.32 -0.79 0.00	42.60 -0.65 0.00	40.65 -0.54 0.00	40.73 -0.45 0.00	40.67 -0.37 0.00	42.98 -0.35 0.00	62.63 -0.38 0.00	75.58 -0.30 0.00	61.41 -0.18 0.00	56.14 -0.22 0.00	52.79 -0.26 0.00	50.97 -0.25 0.00	50.74 -0.30 0.00	51.39 -0.42 0.00	52.27 -0.48 0.00	59.78 -0.48 0.00	68.69 -0.63 0.00	87.52 -0.71 0.00	77.84 -0.71 0.00	66.10 -0.60 0.00	59.57 -0.42 0.00	55.88 -0.34 0.00	51.18 -0.26 0.00	47.79 -0.19 0.00
MAPLE_RIDGE_WT_2 323611	43.32 -0.79 0.00	42.60 -0.65 0.00	40.65 -0.54 0.00	40.73 -0.45 0.00	40.67 -0.37 0.00	42.98 -0.35 0.00	62.63 -0.38 0.00	75.58 -0.30 0.00	61.41 -0.18 0.00	56.14 -0.22 0.00	52.79 -0.26 0.00	50.97 -0.25 0.00	50.74 -0.30 0.00	51.39 -0.42 0.00	52.27 -0.48 0.00	59.78 -0.48 0.00	68.69 -0.63 0.00	87.52 -0.71 0.00	77.84 -0.71 0.00	66.10 -0.60 0.00	59.57 -0.42 0.00	55.88 -0.34 0.00	51.18 -0.26 0.00	47.79 -0.19 0.00
MARBLE_RIVER_WT_PWR 323696	44.15 0.04 0.00	43.42 0.17 0.00	41.23 0.04 0.00	41.30 0.12 0.00	41.21 0.16 0.00	43.50 0.17 0.00	63.45 0.44 0.00	76.95 1.06 0.00	62.46 0.86 0.00	57.16 0.79 0.00	53.69 0.64 0.00	51.79 0.56 0.00	51.55 0.51 0.00	52.17 0.37 0.00	53.07 0.32 0.00	60.69 0.42 0.00	69.45 0.14 0.00	88.58 0.35 0.00	78.78 0.24 0.00	66.97 0.27 0.00	60.46 0.48 0.00	56.78 0.56 0.00	51.90 0.46 0.00	48.46 0.48 0.00
MARSHVLE_115KV_TB1 80742	44.42 0.31 0.00	43.63 0.39 0.00	41.60 0.41 0.00	41.55 0.37 0.00	41.41 0.37 0.00	43.81 0.48 0.00	64.27 1.26 0.00	76.79 0.91 0.00	61.47 -0.12 0.00	55.63 -0.73 0.00	52.31 -0.74 0.00	50.36 -0.87 0.00	50.17 -0.87 0.00	50.98 -0.83 0.00	52.17 -0.58 0.00	60.44 0.18 0.00	69.94 0.62 0.00	89.38 1.15 0.00	79.72 1.18 0.00	67.37 0.67 0.00	60.47 0.48 0.00	56.78 0.56 0.00	51.85 0.41 0.00	48.26 0.29 0.00
MARSH_HILL_WT_PWR 323713	40.27 -3.84 0.00	39.01 -4.24 0.00	37.36 -3.83 0.00	37.22 -3.95 0.00	37.14 -3.90 0.00	39.17 -4.16 0.00	56.96 -6.05 0.00	69.13 -6.75 0.00	54.64 -6.96 0.00	49.94 -6.43 0.00	46.47 -6.58 0.00	44.93 -6.30 0.00	44.61 -6.43 0.00	45.28 -6.53 0.00	46.23 -6.49 0.03	53.04 -7.17 0.06	61.08 -8.18 0.06	79.59 -8.64 0.00	71.01 -7.54 0.00	60.63 -6.07 0.00	54.95 -5.04 0.00	51.15 -5.06 0.00	47.07 -4.37 0.00	43.85 -4.13 0.00
MCINTYRE_115KV_TB2 80467	45.56 1.46 0.00	44.80 1.56 0.00	42.55 1.36 0.00	42.62 1.44 0.00	42.52 1.48 0.00	44.89 1.56 0.00	65.59 2.58 0.00	79.91 4.02 0.00	64.31 2.71 0.00	58.51 2.14 0.00	54.91 1.86 0.00	52.97 1.74 0.00	52.73 1.68 0.00	53.41 1.61 0.00	54.33 1.58 0.00	62.19 1.93 0.00	71.05 1.73 0.00	91.23 3.00 0.00	81.14 2.59 0.00	68.97 2.27 0.00	62.75 2.76 0.00	58.91 2.70 0.00	53.80 2.37 0.00	50.33 2.35 0.00
MECO_____69_KV_BK1 80468	45.70 1.59 0.00	44.89 1.64 0.00	42.84 1.65 0.00	42.74 1.56 0.00	42.60 1.56 0.00	45.06 1.73 0.00	66.10 3.09 0.00	78.92 3.04 0.00	63.14 1.54 0.00	57.04 0.68 0.00	53.53 0.48 0.00	51.48 0.26 0.00	51.30 0.26 0.00	52.17 0.36 0.00	53.38 0.63 0.00	61.95 1.69 0.00	72.09 2.77 0.00	92.02 3.79 0.00	82.16 3.61 0.00	69.44 2.73 0.00	62.27 2.28 0.00	58.35 2.14 0.00	53.34 1.90 0.00	49.61 1.63 0.00
MENANDS___115KV_TB5 355628	45.52 1.41 0.00	44.63 1.38 0.00	42.51 1.32 0.00	42.50 1.32 0.00	42.32 1.27 0.00	44.63 1.30 0.00	64.46 1.45 0.00	77.02 1.14 0.00	62.71 1.11 0.00	57.33 0.96 0.00	54.11 1.06 0.00	52.20 0.97 0.00	52.06 1.02 0.00	52.84 1.04 0.00	53.80 1.05 0.00	61.53 1.27 0.00	71.12 1.80 0.00	89.73 1.50 0.00	80.04 1.49 0.00	67.90 1.20 0.00	61.07 1.08 0.00	57.28 1.07 0.00	52.67 1.23 0.00	49.13 1.15 0.00
MG INDUSTRY___DRP 24185	45.48 1.37 0.00	44.63 1.38 0.00	42.55 1.36 0.00	42.54 1.36 0.00	42.36 1.31 0.00	44.67 1.34 0.00	64.65 1.64 0.00	77.25 1.37 0.00	62.77 1.17 0.00	57.27 0.90 0.00	54.01 0.95 0.00	52.10 0.87 0.00	51.91 0.87 0.00	52.74 0.93 0.00	53.75 1.00 0.00	61.53 1.27 0.00	71.12 1.80 0.00	90.08 1.85 0.00	80.27 1.73 0.00	68.10 1.40 0.00	61.25 1.26 0.00	57.45 1.24 0.00	52.78 1.34 0.00	49.22 1.25 0.00

MID___OSWEGATCHIE_HYD 23849	44.06 -0.04 0.00	43.25 0.00 0.00	41.11 -0.08 0.00	41.26 0.08 0.00	41.17 0.12 0.00	43.37 0.04 0.00	63.39 0.38 0.00	77.48 1.59 0.00	62.40 0.80 0.00	56.76 0.39 0.00	53.37 0.32 0.00	51.48 0.26 0.00	51.25 0.20 0.00	52.01 0.21 0.00	52.96 0.21 0.00	60.32 0.06 0.00	68.97 -0.35 0.00	87.97 -0.26 0.00	78.00 -0.55 0.00	66.37 -0.33 0.00	60.47 0.48 0.00	56.94 0.73 0.00	52.06 0.62 0.00	48.65 0.67 0.00
MID___RAQUETTE_HYD 23851	44.68 0.57 0.00	43.98 0.74 0.00	41.72 0.54 0.00	41.84 0.66 0.00	41.74 0.70 0.00	44.02 0.69 0.00	64.27 1.26 0.00	78.31 2.43 0.00	63.26 1.66 0.00	57.72 1.35 0.00	54.27 1.22 0.00	52.41 1.18 0.00	52.16 1.12 0.00	52.84 1.04 0.00	53.75 1.00 0.00	61.23 0.96 0.00	69.52 0.21 0.00	88.58 0.35 0.00	78.70 0.16 0.00	67.10 0.40 0.00	61.31 1.32 0.00	57.73 1.52 0.00	52.78 1.34 0.00	49.32 1.34 0.00
MILLIKEN___1 23584	44.15 0.04 0.00	43.20 -0.04 0.00	41.19 0.00 0.00	41.10 -0.08 0.00	41.00 -0.04 0.00	43.42 0.09 0.00	63.32 0.32 0.00	76.87 0.99 0.00	61.97 0.37 0.00	56.54 0.17 0.00	52.94 -0.11 0.00	51.08 -0.15 0.00	50.84 -0.20 0.00	51.70 -0.10 0.00	52.83 0.05 -0.02	60.30 0.00 -0.04	69.42 0.07 -0.04	88.85 0.62 0.00	79.17 0.63 0.00	67.30 0.60 0.00	60.59 0.60 0.00	56.49 0.28 0.00	51.54 0.10 0.00	48.07 0.10 0.00
MILLIKEN___2 23585	44.15 0.04 0.00	43.20 -0.04 0.00	41.19 0.00 0.00	41.10 -0.08 0.00	41.00 -0.04 0.00	43.42 0.09 0.00	63.32 0.32 0.00	76.87 0.99 0.00	61.97 0.37 0.00	56.54 0.17 0.00	52.94 -0.11 0.00	51.08 -0.15 0.00	50.84 -0.20 0.00	51.70 -0.10 0.00	52.83 0.05 -0.02	60.30 0.00 -0.04	69.42 0.07 -0.04	88.85 0.62 0.00	79.17 0.63 0.00	67.30 0.60 0.00	60.59 0.60 0.00	56.49 0.28 0.00	51.54 0.10 0.00	48.07 0.10 0.00
MILLIKEN___DIESEL 23629	44.15 0.04 0.00	43.20 -0.04 0.00	41.19 0.00 0.00	41.10 -0.08 0.00	41.00 -0.04 0.00	43.42 0.09 0.00	63.32 0.32 0.00	76.87 0.99 0.00	61.97 0.37 0.00	56.54 0.17 0.00	52.94 -0.11 0.00	51.08 -0.15 0.00	50.84 -0.20 0.00	51.70 -0.10 0.00	52.83 0.05 -0.02	60.30 0.00 -0.04	69.42 0.07 -0.04	88.85 0.62 0.00	79.17 0.63 0.00	67.30 0.60 0.00	60.59 0.60 0.00	56.49 0.28 0.00	51.54 0.10 0.00	48.07 0.10 0.00
MILLSEAT___LFGE 323607	41.07 -3.04 0.00	39.57 -3.68 0.00	38.10 -3.09 0.00	38.05 -3.13 0.00	37.88 -3.16 0.00	40.03 -3.29 0.00	57.78 -5.23 0.00	70.19 -5.69 0.00	56.05 -5.54 0.00	51.75 -4.62 0.00	48.38 -4.67 0.00	46.98 -4.25 0.00	46.55 -4.49 0.00	47.25 -4.56 0.00	48.26 -4.48 0.01	55.01 -5.24 0.01	62.58 -6.72 0.01	81.26 -6.97 0.00	72.26 -6.29 0.00	61.84 -4.87 0.00	55.85 -4.14 0.00	51.77 -4.44 0.00	47.79 -3.65 0.00	44.43 -3.55 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.49 2.38 0.00	45.41 2.16 0.00	43.17 1.98 0.00	43.20 2.02 0.00	43.01 1.97 0.00	45.45 2.12 0.00	66.48 3.47 0.00	79.22 3.34 0.00	64.49 2.90 0.00	59.02 2.65 0.00	55.65 2.60 0.00	53.74 2.51 0.00	53.64 2.60 0.00	54.50 2.69 0.00	55.44 2.69 0.00	63.28 3.01 0.00	73.27 3.95 0.00	93.17 4.94 0.00	82.71 4.16 0.00	70.04 3.34 0.00	62.81 2.82 0.00	58.74 2.53 0.00	53.86 2.42 0.00	50.04 2.06 0.00
MILLWOOD_13_KV_LOAD 356217	46.53 2.43 0.00	45.49 2.25 0.00	43.25 2.06 0.00	43.28 2.10 0.00	43.10 2.05 0.00	45.54 2.21 0.00	66.66 3.65 0.00	79.37 3.49 0.00	64.62 3.02 0.00	59.13 2.76 0.00	55.76 2.71 0.00	53.79 2.56 0.00	53.70 2.65 0.00	54.60 2.80 0.00	55.55 2.80 0.00	63.40 3.13 0.00	73.40 4.09 0.00	93.35 5.12 0.00	82.95 4.40 0.00	70.17 3.47 0.00	62.93 2.94 0.00	58.86 2.64 0.00	53.96 2.52 0.00	50.14 2.16 0.00
MODEL_CITY_ENERGY 24167	39.87 -4.23 0.00	38.40 -4.84 0.00	36.87 -4.32 0.00	36.89 -4.28 0.00	36.73 -4.31 0.00	38.69 -4.64 0.00	55.45 -7.56 0.00	67.23 -8.65 0.00	53.71 -7.88 0.00	49.77 -6.59 0.00	46.58 -6.47 0.00	45.18 -6.05 0.00	44.86 -6.18 0.00	45.53 -6.27 0.00	46.46 -6.28 0.01	52.89 -7.35 0.02	59.94 -9.36 0.02	77.64 -10.59 0.00	69.20 -9.35 0.00	59.17 -7.54 0.00	53.69 -6.30 0.00	49.80 -6.41 0.00	46.24 -5.19 0.00	42.89 -5.09 0.00
MODERN_LFGE___ 323580	39.87 -4.23 0.00	38.40 -4.84 0.00	36.87 -4.32 0.00	36.89 -4.28 0.00	36.73 -4.31 0.00	38.69 -4.64 0.00	55.45 -7.56 0.00	67.23 -8.65 0.00	53.71 -7.88 0.00	49.77 -6.59 0.00	46.58 -6.47 0.00	45.18 -6.05 0.00	44.86 -6.18 0.00	45.53 -6.27 0.00	46.46 -6.28 0.01	52.89 -7.35 0.02	59.94 -9.36 0.02	77.64 -10.59 0.00	69.20 -9.35 0.00	59.17 -7.54 0.00	53.69 -6.30 0.00	49.80 -6.41 0.00	46.24 -5.19 0.00	42.89 -5.09 0.00
MOHAWK_PAPER___DRP 24187	45.65 1.54 0.00	44.76 1.51 0.00	42.67 1.48 0.00	42.62 1.44 0.00	42.48 1.44 0.00	44.76 1.43 0.00	64.77 1.76 0.00	77.48 1.59 0.00	63.01 1.42 0.00	57.61 1.24 0.00	54.32 1.27 0.00	52.41 1.18 0.00	52.21 1.17 0.00	53.05 1.24 0.00	54.02 1.27 0.00	61.77 1.51 0.00	71.39 2.08 0.00	90.26 2.03 0.00	80.51 1.96 0.00	68.30 1.60 0.00	61.37 1.38 0.00	57.56 1.35 0.00	52.88 1.44 0.00	49.27 1.30 0.00
MOHICAN___35_KV_115KV_LD 80490	46.98 2.87 0.00	46.10 2.85 0.00	43.99 2.80 0.00	43.94 2.76 0.00	43.71 2.67 0.00	45.32 1.99 0.00	66.03 3.02 0.00	79.00 3.11 0.00	64.12 2.53 0.00	58.51 2.14 0.00	55.17 2.12 0.00	53.07 1.84 0.00	52.78 1.74 0.00	53.46 1.66 0.00	54.54 1.79 0.00	62.55 2.29 0.00	72.36 3.05 0.00	91.94 3.71 0.00	82.00 3.46 0.00	69.37 2.67 0.00	62.39 2.40 0.00	58.41 2.19 0.00	53.55 2.11 0.00	49.90 1.92 0.00
MONGAUP___HYD 23641	46.31 2.20 0.00	45.32 2.08 0.00	43.09 1.90 0.00	43.11 1.94 0.00	42.93 1.89 0.00	45.41 2.08 0.00	66.28 3.27 0.00	79.15 3.26 0.00	64.00 2.40 0.00	58.34 1.97 0.00	54.91 1.86 0.00	53.02 1.79 0.00	52.93 1.89 0.00	53.77 1.97 0.00	54.70 1.95 0.00	62.68 2.41 0.00	72.71 3.40 0.00	92.90 4.67 0.00	82.79 4.24 0.00	70.10 3.40 0.00	62.75 2.76 0.00	58.75 2.53 0.00	53.76 2.32 0.00	49.99 2.01 0.00
MONTAUK___DIESEL 23721	47.55 3.44 0.00	46.27 3.03 0.00	43.87 2.68 0.00	43.85 2.68 0.00	43.83 2.79 0.00	46.67 3.34 0.00	68.11 5.10 0.00	78.77 2.88 0.00	65.54 3.94 0.00	59.75 3.38 0.00	55.17 2.12 0.00	53.12 1.90 0.00	53.24 2.19 0.00	54.91 3.11 0.00	56.13 3.38 0.00	63.76 3.50 0.00	74.93 5.61 0.00	95.11 6.88 0.00	84.76 6.21 -0.01	71.72 5.00 -0.01	63.53 3.54 0.00	59.36 3.15 0.00	53.75 2.31 0.00	51.10 3.12 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.17 -4.94 0.00	38.14 -5.10 0.00	36.58 -4.61 0.00	36.32 -4.86 0.00	36.16 -4.88 0.00	38.61 -4.72 0.00	55.89 -7.12 0.00	67.84 -8.04 0.00	54.08 -7.51 0.00	49.89 -6.48 0.00	46.58 -6.47 0.00	45.08 -6.15 0.00	44.66 -6.38 0.00	45.28 -6.53 0.00	46.25 -6.49 0.01	53.25 -6.99 0.02	60.98 -8.32 0.02	80.03 -8.21 0.00	71.71 -6.83 0.00	60.50 -6.20 0.00	54.95 -5.04 0.00	51.21 -5.00 0.00	47.12 -4.32 0.00	43.85 -4.13 0.00

MORRIS_RIDGE___SOLAR 323848	40.54 -3.57 0.00	39.27 -3.98 0.00	37.65 -3.54 0.00	37.55 -3.62 0.00	37.43 -3.61 0.00	39.56 -3.77 0.00	57.34 -5.67 0.00	69.36 -6.53 0.00	54.94 -6.65 0.00	50.34 -6.03 0.00	47.06 -5.99 0.00	45.54 -5.69 0.00	45.33 -5.72 0.00	46.00 -5.80 0.00	46.93 -5.80 0.02	53.84 -6.39 0.04	61.79 -7.49 0.04	80.20 -8.03 0.00	71.56 -6.99 0.00	61.10 -5.60 0.00	55.37 -4.62 0.00	51.49 -4.72 0.00	47.53 -3.91 0.00	44.19 -3.79 0.00
MORTIMER_115KV_TB3 55949	41.68 -2.43 0.00	40.69 -2.55 0.00	39.01 -2.18 0.00	38.79 -2.39 0.00	38.58 -2.46 0.00	40.99 -2.34 0.00	59.23 -3.78 0.00	71.94 -3.95 0.00	57.90 -3.70 0.00	53.27 -3.10 0.00	49.97 -3.08 0.00	48.46 -2.77 0.00	48.08 -2.96 0.00	48.80 -3.00 0.00	49.84 -2.90 0.00	56.52 -3.74 0.01	64.45 -4.85 0.01	83.38 -4.85 0.00	74.15 -4.40 0.00	63.24 -3.47 0.00	57.11 -2.88 0.00	53.23 -2.98 0.00	48.61 -2.83 0.00	45.48 -2.49 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.84 2.73 0.00	45.75 2.51 0.00	43.45 2.27 0.00	43.44 2.26 0.00	43.30 2.26 0.00	45.76 2.43 0.00	66.92 3.91 0.00	79.68 3.79 0.00	64.98 3.39 0.00	59.47 3.10 0.00	56.07 3.02 0.00	54.20 2.97 0.00	54.10 3.06 0.00	54.96 3.16 0.00	55.91 3.16 0.00	63.82 3.56 0.00	73.82 4.51 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.17 3.18 0.00	59.08 2.87 0.00	54.27 2.83 0.00	50.42 2.45 0.00
MUNSVILLE_WIND_PWR 323609	45.78 1.68 0.00	44.80 1.55 0.00	42.75 1.56 0.00	42.74 1.56 0.00	42.64 1.60 0.00	45.28 1.95 0.00	66.47 3.46 0.00	80.97 5.08 0.00	64.61 3.02 0.00	58.62 2.26 0.00	55.01 1.96 0.00	53.02 1.79 0.00	52.67 1.63 0.00	53.36 1.55 0.00	54.45 1.69 -0.01	62.70 2.41 -0.02	72.66 3.33 -0.02	94.14 5.91 0.00	83.58 5.03 0.00	70.64 3.93 0.00	64.01 4.02 0.00	59.13 2.92 0.00	54.11 2.67 0.00	50.47 2.49 0.00
N SALMON___HYD 24042	44.64 0.53 0.00	43.93 0.69 0.00	41.72 0.53 0.00	41.80 0.62 0.00	41.74 0.70 0.00	44.02 0.69 0.00	64.34 1.33 0.00	78.38 2.50 0.00	63.44 1.85 0.00	58.00 1.64 0.00	54.43 1.38 0.00	52.56 1.33 0.00	52.32 1.28 0.00	52.94 1.14 0.00	53.80 1.05 0.00	61.53 1.27 0.00	70.28 0.97 0.00	89.73 1.50 0.00	79.80 1.25 0.00	67.91 1.20 0.00	61.54 1.56 0.00	57.78 1.57 0.00	52.77 1.34 0.00	49.27 1.30 0.00
N.AKRON__115KV_KNAPP 355671	40.58 -3.53 0.00	39.44 -3.81 0.00	37.94 -3.25 0.00	37.55 -3.62 0.00	37.43 -3.61 0.00	39.73 -3.60 0.00	57.09 -5.92 0.00	69.51 -6.37 0.00	55.50 -6.10 0.00	51.29 -5.07 0.00	47.96 -5.09 0.00	46.57 -4.66 0.00	46.14 -4.90 0.00	46.83 -4.97 0.00	47.84 -4.91 0.01	54.34 -5.91 0.01	61.68 -7.62 0.01	79.94 -8.29 0.00	71.32 -7.23 0.00	61.03 -5.67 0.00	55.55 -4.44 0.00	51.60 -4.61 0.00	47.22 -4.22 0.00	44.23 -3.74 0.00
N.E_GEN_SANDY PD 24062	61.30 1.72 -15.47	59.60 1.73 -14.62	54.93 1.60 -12.14	56.00 1.60 -13.22	62.40 1.56 -19.80	66.50 1.65 -21.52	85.90 2.20 -20.69	86.80 2.20 -8.71	88.10 1.85 -24.66	79.10 1.64 -21.10	67.09 1.65 -12.39	66.11 1.54 -13.35	64.97 1.58 -12.35	67.00 1.61 -13.59	69.70 1.64 -15.31	73.80 1.87 -11.67	89.30 2.49 -17.49	96.42 2.82 -5.37	95.00 2.59 -13.87	83.06 2.07 -14.29	70.10 1.80 -8.31	60.14 1.68 -2.24	52.98 1.54 0.00	49.47 1.49 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.45 2.34 0.00	45.41 2.16 0.00	43.13 1.94 0.00	43.15 1.98 0.00	43.01 1.97 0.00	45.41 2.08 0.00	66.48 3.47 0.00	79.22 3.34 0.00	64.43 2.83 0.00	58.96 2.59 0.00	55.54 2.49 0.00	53.64 2.41 0.00	53.59 2.55 0.00	54.39 2.59 0.00	55.33 2.58 0.00	63.22 2.95 0.00	73.27 3.95 0.00	93.08 4.85 0.00	82.71 4.16 0.00	70.04 3.34 0.00	62.75 2.76 0.00	58.69 2.47 0.00	53.80 2.37 0.00	50.04 2.06 0.00
N.QUEENS_27_KV_LOAD 356247	47.06 2.96 0.00	45.88 2.64 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.67 2.34 0.00	66.54 3.53 0.00	79.22 3.34 0.00	64.86 3.26 0.00	59.47 3.10 0.00	56.34 3.29 0.00	54.61 3.38 0.00	54.51 3.47 0.00	55.17 3.37 0.00	56.13 3.38 0.00	63.88 3.62 0.00	73.68 4.37 0.00	93.52 5.29 0.00	82.95 4.40 0.00	70.17 3.47 0.00	63.11 3.12 0.00	59.02 2.81 0.00	54.32 2.88 0.00	50.47 2.49 0.00
N.TROY___115KV_TB1 355778	45.83 1.72 0.00	44.93 1.69 0.00	42.84 1.65 0.00	42.82 1.65 0.00	42.64 1.60 0.00	44.89 1.56 0.00	65.15 2.14 0.00	78.01 2.12 0.00	63.38 1.79 0.00	57.95 1.58 0.00	54.59 1.54 0.00	52.66 1.43 0.00	52.47 1.43 0.00	53.26 1.45 0.00	54.28 1.53 0.00	62.07 1.81 0.00	71.74 2.43 0.00	90.97 2.74 0.00	81.06 2.51 0.00	68.77 2.07 0.00	61.79 1.80 0.00	57.84 1.63 0.00	52.98 1.54 0.00	49.42 1.44 0.00
NARROWS_GT1_1 24228	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NARROWS_GT1_2 24229	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NARROWS_GT1_3 24230	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NARROWS_GT1_4 24231	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NARROWS_GT1_5 24232	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00

NARROWS_GT1_6 24233	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NARROWS_GT1_7 24234	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NARROWS_GT1_8 24235	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NARROWS_GT2_1 24236	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NARROWS_GT2_2 24237	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NARROWS_GT2_3 24238	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NARROWS_GT2_4 24239	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NARROWS_GT2_5 24240	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NARROWS_GT2_6 24241	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NARROWS_GT2_7 24242	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NARROWS_GT2_8 24243	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	45.87 1.76 0.00	45.02 1.77 0.00	42.88 1.69 0.00	42.91 1.73 0.00	42.73 1.68 0.00	45.11 1.78 0.00	65.34 2.33 0.00	77.93 2.05 0.00	63.01 1.42 0.00	57.27 0.90 0.00	53.95 0.90 0.00	51.95 0.72 0.00	51.86 0.82 0.00	52.69 0.88 0.00	53.70 0.95 0.00	61.71 1.45 0.00	71.60 2.29 0.00	90.97 2.74 0.00	81.30 2.75 0.00	68.84 2.13 0.00	61.73 1.74 0.00	57.96 1.74 0.00	53.29 1.85 0.00	49.61 1.63 0.00
NCHELSEA_115KV_TR2 355582	46.53 2.43 0.00	45.54 2.29 0.00	43.25 2.06 0.00	43.32 2.14 0.00	43.14 2.09 0.00	45.58 2.25 0.00	66.66 3.65 0.00	79.45 3.57 0.00	64.49 2.90 0.00	58.96 2.59 0.00	55.54 2.49 0.00	53.64 2.41 0.00	53.59 2.55 0.00	54.45 2.64 0.00	55.39 2.64 0.00	63.40 3.13 0.00	73.47 4.16 0.00	93.44 5.21 0.00	83.10 4.56 0.00	70.31 3.60 0.00	62.99 3.00 0.00	58.91 2.70 0.00	54.01 2.57 0.00	50.18 2.21 0.00
NEG CAPITAL____MECHNVIL 23645	46.05 1.94 0.00	45.24 1.99 0.00	43.13 1.94 0.00	43.07 1.90 0.00	42.89 1.85 0.00	45.32 1.99 0.00	65.91 2.90 0.00	79.00 3.11 0.00	64.06 2.47 0.00	58.51 2.14 0.00	55.17 2.12 0.00	53.13 1.90 0.00	52.88 1.83 0.00	53.67 1.86 0.00	54.70 1.95 0.00	62.68 2.41 0.00	72.51 3.19 0.00	92.02 3.79 0.00	82.08 3.54 0.00	69.51 2.80 0.00	62.45 2.46 0.00	58.46 2.25 0.00	53.50 2.06 0.00	49.90 1.92 0.00
NEG CENTRAL_HIGH_ACRES 23767	41.42 -2.69 0.00	40.30 -2.94 0.00	38.64 -2.55 0.00	38.50 -2.68 0.00	38.38 -2.67 0.00	40.56 -2.77 0.00	58.79 -4.22 0.00	71.33 -4.55 0.00	57.53 -4.07 0.00	52.87 -3.49 0.00	49.60 -3.45 0.00	48.10 -3.13 0.00	47.72 -3.32 0.00	48.49 -3.32 0.00	49.53 -3.22 0.00	56.46 -3.79 0.00	64.59 -4.72 0.00	83.02 -5.21 0.00	73.75 -4.79 0.00	62.83 -3.87 0.00	56.63 -3.36 0.00	52.73 -3.49 0.00	48.30 -3.14 0.00	45.00 -2.97 0.00

NEG CENTRAL___DRP 24199	42.92 -1.19 0.00	41.95 -1.30 0.00	40.08 -1.11 0.00	39.94 -1.24 0.00	39.81 -1.23 0.00	42.20 -1.13 0.00	61.37 -1.64 0.00	74.29 -1.59 0.00	60.06 -1.54 0.00	55.01 -1.35 0.00	51.62 -1.43 0.00	49.90 -1.33 0.00	49.61 -1.43 0.00	50.46 -1.35 0.00	51.48 -1.27 0.00	58.70 -1.57 0.00	67.30 -2.01 0.00	86.20 -2.03 0.00	76.74 -1.81 0.00	65.30 -1.40 0.00	58.79 -1.20 0.00	54.86 -1.35 0.00	50.05 -1.39 0.00	46.73 -1.25 0.00
NEG CENTRAL___INDECK 23768	42.48 -1.63 0.00	41.13 -2.12 0.00	39.54 -1.65 0.00	39.41 -1.77 0.00	39.28 -1.76 0.00	41.51 -1.82 0.00	60.49 -2.52 0.00	73.61 -2.27 0.00	58.39 -3.21 0.00	53.27 -3.10 0.00	49.71 -3.34 0.00	48.05 -3.18 0.00	47.62 -3.42 0.00	48.38 -3.42 0.00	49.46 -3.27 0.02	56.68 -3.56 0.03	65.19 -4.09 0.03	84.97 -3.26 0.00	75.88 -2.67 0.00	64.84 -1.87 0.00	58.61 -1.38 0.00	54.41 -1.80 0.00	49.79 -1.65 0.00	46.39 -1.58 0.00
NEG CENTRAL___SENECA 23627	42.61 -1.50 0.00	41.65 -1.60 0.00	39.79 -1.40 0.00	39.65 -1.52 0.00	39.53 -1.52 0.00	41.90 -1.43 0.00	60.87 -2.14 0.00	73.84 -2.05 0.00	59.63 -1.97 0.00	54.68 -1.69 0.00	51.25 -1.80 0.00	49.64 -1.59 0.00	49.31 -1.74 0.00	50.15 -1.66 0.00	51.17 -1.58 0.00	58.27 -1.99 0.00	66.68 -2.63 0.00	85.67 -2.56 0.00	76.27 -2.28 0.00	64.90 -1.80 0.00	58.49 -1.50 0.00	54.53 -1.69 0.00	49.69 -1.75 0.00	46.44 -1.54 0.00
NEG CENTRAL___STATE_STREET 24147	43.31 -0.79 0.00	42.38 -0.86 0.00	40.45 -0.74 0.00	40.35 -0.82 0.00	40.22 -0.82 0.00	42.59 -0.74 0.00	62.00 -1.01 0.00	75.05 -0.83 0.00	60.67 -0.92 0.00	55.47 -0.90 0.00	52.04 -1.01 0.00	50.26 -0.97 0.00	50.02 -1.02 0.00	50.87 -0.93 0.00	51.91 -0.84 0.00	59.25 -1.02 -0.01	68.07 -1.25 -0.01	87.08 -1.15 0.00	77.60 -0.94 0.00	66.04 -0.67 0.00	59.39 -0.60 0.00	55.43 -0.79 0.00	50.56 -0.87 0.00	47.16 -0.82 0.00
NEG MILLWOOD___DRP 24198	46.71 2.60 0.00	45.67 2.42 0.00	43.41 2.22 0.00	43.48 2.31 0.00	43.26 2.22 0.00	45.71 2.38 0.00	66.98 3.97 0.00	79.75 3.87 0.00	64.80 3.20 0.00	59.24 2.87 0.00	55.92 2.86 0.00	53.89 2.66 0.00	53.80 2.76 0.00	54.76 2.95 0.00	55.70 2.95 0.00	63.70 3.44 0.00	73.75 4.44 0.00	93.88 5.65 0.00	83.42 4.87 0.00	70.57 3.87 0.00	63.29 3.30 0.00	59.14 2.92 0.00	54.16 2.73 0.00	50.38 2.40 0.00
NEG NORTH_FLCN_SEA 23793	44.42 0.31 0.00	43.68 0.43 0.00	41.48 0.29 0.00	41.55 0.37 0.00	41.45 0.41 0.00	43.76 0.43 0.00	63.83 0.82 0.00	77.55 1.67 0.00	62.89 1.29 0.00	57.49 1.13 0.00	54.01 0.95 0.00	52.15 0.92 0.00	51.86 0.82 0.00	52.53 0.73 0.00	53.38 0.63 0.00	61.05 0.78 0.00	69.87 0.55 0.00	89.20 0.97 0.00	79.33 0.79 0.00	67.44 0.73 0.00	60.89 0.90 0.00	57.17 0.96 0.00	52.26 0.82 0.00	48.79 0.82 0.00
NEG NORTH_KES_CHATEGAY 23792	44.24 0.13 0.00	43.50 0.26 0.00	41.35 0.16 0.00	41.42 0.25 0.00	41.33 0.29 0.00	43.63 0.30 0.00	63.64 0.63 0.00	77.17 1.29 0.00	62.58 0.99 0.00	57.21 0.85 0.00	53.74 0.69 0.00	51.84 0.61 0.00	51.55 0.51 0.00	52.22 0.41 0.00	53.12 0.37 0.00	60.75 0.48 0.00	69.59 0.28 0.00	88.85 0.62 0.00	79.10 0.55 0.00	67.24 0.53 0.00	60.71 0.72 0.00	57.00 0.79 0.00	52.11 0.67 0.00	48.65 0.67 0.00
NEG NORTH___ALICE_FALLS 23915	44.55 0.44 0.00	43.81 0.56 0.00	41.60 0.41 0.00	41.67 0.49 0.00	41.58 0.53 0.00	43.89 0.56 0.00	64.08 1.07 0.00	77.93 2.05 0.00	63.14 1.54 0.00	57.72 1.35 0.00	54.16 1.11 0.00	52.30 1.08 0.00	52.01 0.97 0.00	52.63 0.83 0.00	53.54 0.79 0.00	61.23 0.96 0.00	70.15 0.83 0.00	89.64 1.41 0.00	79.72 1.18 0.00	67.84 1.13 0.00	61.25 1.26 0.00	57.45 1.24 0.00	52.47 1.03 0.00	49.03 1.06 0.00
NEG NORTH___LWR_SARANAC 23913	44.55 0.44 0.00	43.81 0.56 0.00	41.60 0.41 0.00	41.67 0.49 0.00	41.58 0.53 0.00	43.89 0.56 0.00	64.08 1.07 0.00	77.93 2.05 0.00	63.14 1.54 0.00	57.72 1.35 0.00	54.16 1.11 0.00	52.30 1.08 0.00	52.01 0.97 0.00	52.63 0.83 0.00	53.54 0.79 0.00	61.23 0.96 0.00	70.15 0.83 0.00	89.64 1.41 0.00	79.72 1.18 0.00	67.84 1.13 0.00	61.25 1.26 0.00	57.45 1.24 0.00	52.47 1.03 0.00	49.03 1.06 0.00
NEG NORTH___PLATTSBURG 23628	44.55 0.44 0.00	43.81 0.56 0.00	41.60 0.41 0.00	41.67 0.50 0.00	41.58 0.53 0.00	43.89 0.56 0.00	64.08 1.07 0.00	77.93 2.05 0.00	63.14 1.54 0.00	57.72 1.35 0.00	54.17 1.12 0.00	52.31 1.08 0.00	52.01 0.97 0.00	52.63 0.83 0.00	53.54 0.79 0.00	61.22 0.96 0.00	70.15 0.83 0.00	89.64 1.41 0.00	79.73 1.18 0.00	67.84 1.13 0.00	61.25 1.26 0.00	57.45 1.24 0.00	52.47 1.03 0.00	49.03 1.05 0.00
NEG WEST_LEA_LOCKPORT 23791	39.79 -4.32 0.00	38.66 -4.58 0.00	37.15 -4.04 0.00	36.81 -4.36 0.00	36.69 -4.35 0.00	39.04 -4.29 0.00	55.89 -7.12 0.00	67.92 -7.97 0.00	54.27 -7.33 0.00	50.28 -6.09 0.00	47.06 -5.99 0.00	45.64 -5.58 0.00	45.27 -5.77 0.00	45.95 -5.85 0.00	46.89 -5.86 0.01	53.32 -6.93 0.02	60.36 -8.94 0.02	78.08 -10.15 0.00	69.75 -8.80 0.00	59.63 -7.07 0.00	54.17 -5.82 0.00	50.37 -5.85 0.00	46.19 -5.25 0.00	43.27 -4.70 0.00
NEG WEST___LANCASTR 23811	40.01 -4.10 0.00	38.88 -4.37 0.00	37.28 -3.91 0.00	37.02 -4.16 0.00	36.86 -4.19 0.00	39.34 -3.99 0.00	56.83 -6.17 0.00	68.98 -6.91 0.00	54.82 -6.78 0.00	50.73 -5.64 0.00	47.48 -5.57 0.00	45.95 -5.28 0.00	45.68 -5.36 0.00	46.21 -5.59 0.00	47.15 -5.59 0.01	54.76 -5.48 0.02	62.99 -6.31 0.02	79.05 -9.18 0.00	70.69 -7.85 0.00	60.43 -6.27 0.00	54.77 -5.22 0.00	50.87 -5.34 0.00	46.81 -4.63 0.00	43.61 -4.37 0.00
NEG_PENN_ALLEGHNY 23528	43.93 -0.18 0.00	42.94 -0.30 0.00	40.98 -0.20 0.00	40.93 -0.25 0.00	40.80 -0.24 0.00	43.11 -0.22 0.00	62.76 -0.25 0.00	75.58 -0.30 0.00	61.10 -0.49 0.00	55.98 -0.39 0.00	52.57 -0.48 0.00	50.77 -0.46 0.00	50.53 -0.51 0.00	51.34 -0.47 0.00	52.32 -0.42 0.00	59.78 -0.48 0.00	68.83 -0.48 0.00	87.88 -0.35 0.00	78.31 -0.23 0.00	66.57 -0.13 0.00	59.93 -0.06 0.00	55.88 -0.34 0.00	51.13 -0.31 0.00	47.69 -0.29 0.00
NEG___GEN_MONROE 24207	41.77 -2.34 0.00	40.74 -2.51 0.00	39.13 -2.06 0.00	38.87 -2.31 0.00	38.66 -2.38 0.00	41.16 -2.17 0.00	59.36 -3.65 0.00	72.01 -3.87 0.00	57.90 -3.70 0.00	53.27 -3.10 0.00	49.87 -3.18 0.00	48.41 -2.82 0.00	47.98 -3.06 0.00	48.70 -3.11 0.00	49.69 -3.06 0.00	56.34 -3.92 0.01	64.18 -5.13 0.01	83.02 -5.21 0.00	73.99 -4.56 0.00	63.10 -3.60 0.00	56.99 -3.00 0.00	53.12 -3.09 0.00	48.61 -2.83 0.00	45.63 -2.35 0.00
NEPA___ENERGY 23901	40.27 -3.84 0.00	39.18 -4.07 0.00	37.56 -3.62 0.00	37.31 -3.87 0.00	37.14 -3.90 0.00	39.60 -3.73 0.00	57.21 -5.80 0.00	69.21 -6.68 0.00	55.13 -6.47 0.00	50.96 -5.41 0.00	47.64 -5.41 0.00	46.16 -5.07 0.00	45.78 -5.26 0.00	46.31 -5.49 0.00	47.20 -5.54 0.01	54.16 -6.09 0.02	62.09 -7.21 0.02	79.67 -8.56 0.00	71.32 -7.23 0.00	60.83 -5.87 0.00	55.13 -4.86 0.00	51.27 -4.95 0.00	47.12 -4.32 0.00	43.99 -3.98 0.00

NEVERSINK___HYD 23608	46.27 2.16 0.00	45.28 2.03 0.00	43.00 1.81 0.00	43.07 1.90 0.00	42.89 1.85 0.00	45.37 2.04 0.00	66.28 3.27 0.00	79.15 3.26 0.00	64.12 2.53 0.00	58.51 2.14 0.00	55.12 2.07 0.00	53.22 2.00 0.00	53.18 2.14 0.00	53.98 2.18 0.00	54.91 2.16 0.00	62.91 2.65 0.00	72.92 3.60 0.00	92.99 4.76 0.00	82.79 4.24 0.00	70.04 3.33 0.00	62.75 2.76 0.00	58.68 2.47 0.00	53.70 2.26 0.00	49.94 1.97 0.00
NEWKRMKL_115KV_TB1 55635	45.43 1.32 0.00	44.54 1.30 0.00	42.47 1.28 0.00	42.45 1.28 0.00	42.28 1.23 0.00	44.59 1.26 0.00	64.27 1.26 0.00	76.72 0.83 0.00	62.52 0.92 0.00	57.16 0.79 0.00	53.95 0.90 0.00	52.05 0.82 0.00	51.91 0.87 0.00	52.74 0.93 0.00	53.65 0.90 0.00	61.35 1.08 0.00	70.91 1.59 0.00	89.29 1.06 0.00	79.65 1.10 0.00	67.64 0.93 0.00	60.83 0.84 0.00	57.11 0.90 0.00	52.67 1.23 0.00	49.08 1.10 0.00
NEWTON___FALLS_HYD 23847	44.06 -0.04 0.00	43.25 0.00 0.00	41.11 -0.08 0.00	41.26 0.08 0.00	41.17 0.12 0.00	43.37 0.04 0.00	63.39 0.38 0.00	77.48 1.59 0.00	62.40 0.80 0.00	56.76 0.39 0.00	53.37 0.32 0.00	51.48 0.26 0.00	51.25 0.20 0.00	52.01 0.21 0.00	52.96 0.21 0.00	60.32 0.06 0.00	68.97 -0.35 0.00	87.97 -0.26 0.00	78.00 -0.55 0.00	66.37 -0.33 0.00	60.47 0.48 0.00	56.94 0.73 0.00	52.06 0.62 0.00	48.65 0.67 0.00
NGRID_A1_DSASP 323792	39.04 -5.07 0.00	38.23 -5.02 0.00	36.45 -4.74 0.00	36.36 -4.82 0.00	36.00 -5.05 0.00	38.43 -4.90 0.00	54.82 -8.19 0.00	66.55 -9.33 0.00	53.22 -8.38 0.00	49.43 -6.93 0.00	46.26 -6.79 0.00	44.88 -6.35 0.00	44.56 -6.48 0.00	45.17 -6.63 0.00	46.15 -6.59 0.01	52.29 -7.95 0.02	59.11 -10.19 0.02	76.50 -11.73 0.00	68.34 -10.21 0.00	58.37 -8.34 0.00	53.09 -6.90 0.00	49.36 -6.86 0.00	45.32 -6.12 0.00	42.46 -5.52 0.00
NGRID_A2_DSASP 323793	39.04 -5.07 0.00	38.23 -5.02 0.00	36.45 -4.74 0.00	36.36 -4.82 0.00	36.00 -5.05 0.00	38.43 -4.90 0.00	54.82 -8.19 0.00	66.55 -9.33 0.00	53.22 -8.38 0.00	49.43 -6.93 0.00	46.26 -6.79 0.00	44.88 -6.35 0.00	44.56 -6.48 0.00	45.17 -6.63 0.00	46.15 -6.59 0.01	52.29 -7.95 0.02	59.11 -10.19 0.02	76.50 -11.73 0.00	68.34 -10.21 0.00	58.37 -8.34 0.00	53.09 -6.90 0.00	49.36 -6.86 0.00	45.32 -6.12 0.00	42.46 -5.52 0.00
NGRID_A4_DSASP 323807	39.04 -5.07 0.00	38.23 -5.02 0.00	36.45 -4.74 0.00	36.36 -4.82 0.00	36.00 -5.05 0.00	38.43 -4.90 0.00	54.82 -8.19 0.00	66.55 -9.33 0.00	53.22 -8.38 0.00	49.43 -6.93 0.00	46.26 -6.79 0.00	44.88 -6.35 0.00	44.56 -6.48 0.00	45.17 -6.63 0.00	46.15 -6.59 0.01	52.29 -7.95 0.02	59.11 -10.19 0.02	76.50 -11.73 0.00	68.34 -10.21 0.00	58.37 -8.34 0.00	53.09 -6.90 0.00	49.36 -6.86 0.00	45.32 -6.12 0.00	42.46 -5.52 0.00
NIAGARA_115E_LBMP 323715	39.70 -4.41 0.00	38.19 -5.06 0.00	36.66 -4.53 0.00	36.73 -4.45 0.00	36.57 -4.47 0.00	38.48 -4.85 0.00	55.13 -7.88 0.00	66.78 -9.11 0.00	53.34 -8.25 0.00	49.49 -6.88 0.00	46.31 -6.74 0.00	44.93 -6.30 0.00	44.61 -6.43 0.00	45.28 -6.53 0.00	46.20 -6.54 0.01	52.53 -7.71 0.02	59.59 -9.70 0.02	77.11 -11.12 0.00	68.73 -9.82 0.00	58.76 -7.94 0.00	53.33 -6.66 0.00	49.47 -6.75 0.00	45.94 -5.50 0.00	42.65 -5.33 0.00
NIAGARA_115W_LBMP 323714	39.34 -4.76 0.00	38.23 -5.02 0.00	36.70 -4.49 0.00	36.40 -4.78 0.00	36.24 -4.80 0.00	38.30 -5.03 0.00	54.82 -8.19 0.00	66.40 -9.49 0.00	53.10 -8.50 0.00	49.32 -7.05 0.00	46.15 -6.90 0.00	44.77 -6.46 0.00	44.46 -6.58 0.00	45.12 -6.68 0.00	46.04 -6.70 0.01	52.36 -7.89 0.02	59.32 -9.98 0.02	76.68 -11.55 0.00	68.34 -10.21 0.00	58.43 -8.27 0.00	53.03 -6.96 0.00	49.24 -6.97 0.00	45.73 -5.71 0.00	42.41 -5.56 0.00
NIAGARA_230_LBMP 323716	39.96 -4.15 0.00	38.66 -4.59 0.00	37.11 -4.08 0.00	37.02 -4.16 0.00	36.86 -4.19 0.00	38.91 -4.42 0.00	55.77 -7.24 0.00	67.46 -8.43 0.00	53.96 -7.64 0.00	50.11 -6.26 0.00	46.90 -6.15 0.00	45.49 -5.74 0.00	45.17 -5.87 0.00	45.85 -5.96 0.00	46.73 -6.01 0.01	53.20 -7.05 0.02	60.29 -9.01 0.02	78.00 -10.23 0.00	69.52 -9.03 0.00	59.44 -7.27 0.00	53.93 -6.06 0.00	50.03 -6.18 0.00	46.40 -5.04 0.00	43.13 -4.84 0.00
NIAGARA___115KV_198_GIBSON 55903	38.95 -5.16 0.00	38.14 -5.10 0.00	36.37 -4.82 0.00	36.28 -4.90 0.00	35.87 -5.17 0.00	38.30 -5.03 0.00	54.69 -8.32 0.00	66.40 -9.49 0.00	53.10 -8.50 0.00	49.27 -7.10 0.00	46.15 -6.90 0.00	44.77 -6.45 0.00	44.46 -6.58 0.00	45.07 -6.73 0.00	46.04 -6.70 0.01	52.17 -8.08 0.02	58.97 -10.33 0.02	76.32 -11.91 0.00	68.10 -10.45 0.00	58.23 -8.47 0.00	52.97 -7.02 0.00	49.19 -7.03 0.00	45.21 -6.22 0.00	42.36 -5.61 0.00
NIAGARA____ 23760	39.96 -4.15 0.00	38.66 -4.59 0.00	37.11 -4.08 0.00	37.02 -4.16 0.00	36.86 -4.19 0.00	38.91 -4.42 0.00	55.77 -7.24 0.00	67.46 -8.43 0.00	53.96 -7.64 0.00	50.11 -6.26 0.00	46.90 -6.15 0.00	45.49 -5.74 0.00	45.17 -5.87 0.00	45.85 -5.96 0.00	46.73 -6.01 0.01	53.20 -7.05 0.02	60.29 -9.01 0.02	78.00 -10.23 0.00	69.52 -9.03 0.00	59.44 -7.27 0.00	53.93 -6.06 0.00	50.03 -6.18 0.00	46.40 -5.04 0.00	43.13 -4.84 0.00
NINE_MILE_1 23575	42.30 -1.81 0.00	41.43 -1.81 0.00	39.50 -1.69 0.00	39.49 -1.69 0.00	39.36 -1.68 0.00	41.55 -1.78 0.00	60.30 -2.71 0.00	72.70 -3.18 0.00	59.01 -2.58 0.00	54.00 -2.37 0.00	50.77 -2.28 0.00	49.03 -2.20 0.00	48.85 -2.19 0.00	49.63 -2.17 0.00	50.54 -2.21 0.00	57.73 -2.53 0.00	66.34 -2.98 0.00	84.61 -3.62 0.00	75.32 -3.22 0.00	64.03 -2.67 0.00	57.59 -2.40 0.00	53.85 -2.36 0.00	49.28 -2.16 0.00	45.96 -2.01 0.00
NINE_MILE_2 23744	42.30 -1.81 0.00	41.43 -1.81 0.00	39.50 -1.69 0.00	39.49 -1.69 0.00	39.36 -1.68 0.00	41.55 -1.78 0.00	60.30 -2.71 0.00	72.70 -3.18 0.00	59.01 -2.58 0.00	54.00 -2.37 0.00	50.77 -2.28 0.00	49.03 -2.20 0.00	48.85 -2.19 0.00	49.63 -2.17 0.00	50.54 -2.21 0.00	57.73 -2.53 0.00	66.34 -2.98 0.00	84.61 -3.62 0.00	75.32 -3.22 0.00	64.03 -2.67 0.00	57.59 -2.40 0.00	53.85 -2.36 0.00	49.28 -2.16 0.00	45.96 -2.01 0.00
NM_CAPITAL___DRP 24208	45.43 1.32 0.00	44.54 1.30 0.00	42.47 1.28 0.00	42.45 1.28 0.00	42.28 1.23 0.00	44.59 1.26 0.00	64.33 1.32 0.00	76.87 0.99 0.00	62.58 0.99 0.00	57.21 0.85 0.00	54.01 0.95 0.00	52.10 0.87 0.00	51.96 0.92 0.00	52.79 0.98 0.00	53.70 0.95 0.00	61.41 1.14 0.00	70.98 1.66 0.00	89.55 1.32 0.00	79.88 1.34 0.00	67.77 1.07 0.00	60.95 0.96 0.00	57.17 0.96 0.00	52.62 1.18 0.00	49.08 1.10 0.00
NM_CENTRAL___DRP 24181	43.09 -1.01 0.00	42.16 -1.08 0.00	40.20 -0.99 0.00	40.15 -1.03 0.00	40.02 -1.03 0.00	42.33 -1.00 0.00	61.43 -1.58 0.00	74.14 -1.75 0.00	60.12 -1.48 0.00	55.01 -1.35 0.00	51.72 -1.33 0.00	49.95 -1.28 0.00	49.76 -1.28 0.00	50.56 -1.24 0.00	51.59 -1.16 0.00	58.88 -1.39 0.00	67.58 -1.73 0.00	86.20 -2.03 0.00	76.74 -1.81 0.00	65.24 -1.47 0.00	58.67 -1.32 0.00	54.86 -1.35 0.00	50.15 -1.29 0.00	46.83 -1.15 0.00

NM_FRONTIER___DRP 24179	38.95 -5.16 0.00	38.14 -5.10 0.00	36.37 -4.82 0.00	36.28 -4.90 0.00	35.87 -5.17 0.00	38.30 -5.03 0.00	54.69 -8.32 0.00	66.40 -9.49 0.00	53.10 -8.50 0.00	49.27 -7.10 0.00	46.15 -6.90 0.00	44.77 -6.45 0.00	44.46 -6.58 0.00	45.07 -6.73 0.00	46.04 -6.70 0.01	52.17 -8.08 0.02	58.97 -10.33 0.02	76.32 -11.91 0.00	68.10 -10.45 0.00	58.23 -8.47 0.00	52.97 -7.02 0.00	49.19 -7.03 0.00	45.21 -6.22 0.00	42.36 -5.61 0.00
NM_ST_REGIS___HYD 24053	44.73 0.62 0.00	43.98 0.74 0.00	41.77 0.58 0.00	41.88 0.70 0.00	41.78 0.74 0.00	44.07 0.74 0.00	64.33 1.32 0.00	78.39 2.50 0.00	63.38 1.79 0.00	57.83 1.47 0.00	54.32 1.27 0.00	52.46 1.23 0.00	52.21 1.17 0.00	52.89 1.09 0.00	53.80 1.05 0.00	61.35 1.08 0.00	69.73 0.42 0.00	88.94 0.71 0.00	79.10 0.55 0.00	67.37 0.67 0.00	61.43 1.44 0.00	57.79 1.57 0.00	52.83 1.39 0.00	49.37 1.39 0.00
NORTHPORT___1 23551	47.51 3.40 0.00	46.32 3.07 0.00	43.91 2.72 0.00	43.82 2.64 0.00	43.71 2.67 0.00	46.45 3.12 0.00	68.24 5.23 0.00	78.47 2.58 0.00	65.91 4.31 0.00	60.09 3.72 0.00	55.17 2.12 0.00	53.38 2.15 0.00	53.44 2.40 0.00	54.60 2.80 0.00	55.75 3.01 0.00	63.22 2.95 0.00	74.03 4.72 0.00	93.88 5.65 0.00	83.90 5.34 -0.01	71.05 4.33 -0.01	63.28 3.30 0.00	59.08 2.87 0.00	53.50 2.06 0.00	50.86 2.88 0.00
NORTHPORT___2 23552	47.51 3.40 0.00	46.32 3.07 0.00	43.91 2.72 0.00	43.82 2.64 0.00	43.71 2.67 0.00	46.45 3.12 0.00	68.24 5.23 0.00	78.47 2.58 0.00	65.91 4.31 0.00	60.09 3.72 0.00	55.17 2.12 0.00	53.38 2.15 0.00	53.44 2.40 0.00	54.60 2.80 0.00	55.75 3.01 0.00	63.22 2.95 0.00	74.03 4.72 0.00	93.88 5.65 0.00	83.90 5.34 -0.01	71.05 4.33 -0.01	63.28 3.30 0.00	59.08 2.87 0.00	53.50 2.06 0.00	50.86 2.88 0.00
NORTHPORT___3 23553	47.37 3.26 0.00	46.19 2.94 0.00	43.79 2.60 0.00	43.69 2.51 0.00	43.63 2.59 0.00	46.32 2.99 0.00	68.05 5.04 0.00	78.24 2.36 0.00	65.72 4.13 0.00	59.92 3.55 0.00	55.01 1.96 0.00	53.22 2.00 0.00	53.34 2.30 0.00	54.45 2.64 0.00	55.60 2.85 0.00	63.04 2.77 0.00	73.82 4.50 0.00	93.70 5.47 0.00	83.66 5.10 -0.01	70.85 4.14 -0.01	63.10 3.12 0.00	58.91 2.70 0.00	53.34 1.90 0.00	50.71 2.73 0.00
NORTHPORT___4 23650	47.37 3.26 0.00	46.19 2.94 0.00	43.79 2.60 0.00	43.69 2.51 0.00	43.63 2.59 0.00	46.32 2.99 0.00	68.05 5.04 0.00	78.24 2.36 0.00	65.72 4.13 0.00	59.92 3.55 0.00	55.01 1.96 0.00	53.22 2.00 0.00	53.34 2.30 0.00	54.45 2.64 0.00	55.60 2.85 0.00	63.04 2.77 0.00	73.82 4.50 0.00	93.70 5.47 0.00	83.66 5.10 -0.01	70.85 4.14 -0.01	63.10 3.12 0.00	58.91 2.70 0.00	53.34 1.90 0.00	50.71 2.73 0.00
NORTHPORT___IC 23718	47.50 3.40 0.00	46.27 3.03 0.00	43.87 2.68 0.00	43.81 2.64 0.00	43.71 2.67 0.00	46.45 3.12 0.00	68.24 5.23 0.00	78.69 2.81 0.00	65.91 4.31 0.00	60.09 3.72 0.00	55.17 2.12 0.00	53.38 2.15 0.00	53.44 2.40 0.00	54.65 2.85 0.00	55.76 3.01 0.00	63.46 3.19 0.00	74.17 4.85 0.00	94.41 6.18 0.00	83.90 5.34 -0.01	71.05 4.34 -0.01	63.29 3.30 0.00	59.08 2.87 0.00	53.91 2.47 0.00	50.90 2.93 0.00
NORTH___COUNTRY_ESR 323785	44.15 0.04 0.00	43.42 0.17 0.00	41.27 0.08 0.00	41.34 0.17 0.00	41.25 0.21 0.00	43.55 0.22 0.00	63.45 0.44 0.00	77.02 1.14 0.00	62.52 0.93 0.00	57.16 0.79 0.00	53.69 0.64 0.00	51.85 0.62 0.00	51.55 0.51 0.00	52.22 0.41 0.00	53.12 0.37 0.00	60.69 0.42 0.00	69.45 0.14 0.00	88.67 0.44 0.00	78.86 0.32 0.00	67.04 0.34 0.00	60.53 0.54 0.00	56.83 0.62 0.00	51.95 0.51 0.00	48.51 0.53 0.00
NPX_GEN_1385_PROXY 323591	47.77 3.66 0.00	46.62 3.38 0.00	44.19 3.01 0.00	44.10 2.92 0.00	44.41 3.04 -0.33	58.01 3.47 -11.21	72.00 5.73 -3.26	78.77 2.88 0.00	67.26 4.81 -0.86	60.43 4.06 0.00	55.54 2.49 0.00	53.54 2.31 0.00	53.80 2.75 0.00	54.97 3.16 0.00	60.90 3.43 -4.72	68.01 3.43 -4.31	74.52 5.20 0.00	94.05 5.82 0.00	84.45 5.89 -0.01	74.35 4.87 -2.78	66.90 3.78 -3.13	59.42 3.20 0.00	53.50 2.06 0.00	50.86 2.88 0.00
NPX_GEN_CSC 323557	47.86 3.75 0.00	46.62 3.38 0.00	44.19 3.01 0.00	44.10 2.92 0.00	44.04 2.99 0.00	46.80 3.47 0.00	68.74 5.73 0.00	79.30 3.42 0.00	66.28 4.68 0.00	60.37 4.00 0.00	55.60 2.55 0.00	53.69 2.46 0.00	53.80 2.75 0.00	55.33 3.52 0.00	56.50 3.75 0.00	63.88 3.62 0.00	75.14 5.82 0.00	95.47 7.24 0.00	85.39 6.83 -0.01	72.25 5.53 -0.01	64.25 4.26 0.00	60.09 3.88 0.00	54.21 2.78 0.00	51.38 3.41 0.00
NSINS_S_GLNS_FALLS 23858	46.98 2.87 0.00	46.10 2.85 0.00	43.99 2.80 0.00	43.94 2.76 0.00	43.71 2.67 0.00	45.24 1.91 0.00	65.91 2.90 0.00	78.84 2.96 0.00	64.00 2.40 0.00	58.40 2.03 0.00	55.12 2.07 0.00	52.97 1.74 0.00	52.73 1.68 0.00	53.36 1.55 0.00	54.44 1.69 0.00	62.43 2.17 0.00	72.23 2.91 0.00	91.76 3.53 0.00	81.85 3.30 0.00	69.17 2.47 0.00	62.27 2.28 0.00	58.29 2.08 0.00	53.44 2.01 0.00	49.80 1.82 0.00
NUCOR_STEEL___DRP 24197	43.49 -0.62 0.00	42.55 -0.69 0.00	40.57 -0.62 0.00	40.48 -0.70 0.00	40.35 -0.70 0.00	42.72 -0.61 0.00	62.13 -0.88 0.00	75.13 -0.76 0.00	60.80 -0.80 0.00	55.58 -0.79 0.00	52.15 -0.90 0.00	50.41 -0.82 0.00	50.12 -0.92 0.00	50.98 -0.83 0.00	52.02 -0.74 0.00	59.37 -0.90 -0.01	68.21 -1.11 -0.01	87.26 -0.97 0.00	77.68 -0.86 0.00	66.10 -0.60 0.00	59.45 -0.54 0.00	55.54 -0.67 0.00	50.67 -0.77 0.00	47.31 -0.67 0.00
NUMBER_THREE_WT_PWR 323818	43.93 -0.18 0.00	43.07 -0.17 0.00	40.98 -0.20 0.00	41.22 0.04 0.00	41.17 0.12 0.00	43.46 0.13 0.00	63.58 0.57 0.00	78.01 2.12 0.00	62.58 0.98 0.00	56.87 0.51 0.00	53.21 0.16 0.00	51.28 0.05 0.00	51.04 0.00 0.00	52.01 0.21 0.00	53.01 0.27 0.00	60.63 0.36 0.00	69.87 0.55 0.00	88.93 0.70 0.00	78.55 0.00 0.00	66.90 0.20 0.00	60.71 0.72 0.00	56.89 0.68 0.00	52.06 0.62 0.00	48.60 0.62 0.00
NYISO_LBMP_REFERENCE 24008	44.11 0.00 0.00	43.25 0.00 0.00	41.19 0.00 0.00	41.18 0.00 0.00	41.04 0.00 0.00	43.33 0.00 0.00	63.01 0.00 0.00	75.88 0.00 0.00	61.60 0.00 0.00	56.37 0.00 0.00	53.05 0.00 0.00	51.23 0.00 0.00	51.04 0.00 0.00	51.80 0.00 0.00	52.75 0.00 0.00	60.26 0.00 0.00	69.32 0.00 0.00	88.23 0.00 0.00	78.55 0.00 0.00	66.70 0.00 0.00	59.99 0.00 0.00	56.21 0.00 0.00	51.44 0.00 0.00	47.98 0.00 0.00
NYPA_BRENTWD____GT 24164	48.16 4.06 0.00	46.92 3.67 0.00	44.49 3.30 0.00	44.39 3.21 0.00	44.29 3.24 0.00	47.10 3.77 0.00	69.31 6.30 0.00	79.98 4.09 0.00	66.89 5.30 0.00	60.88 4.51 0.00	56.13 3.08 0.00	54.20 2.97 0.00	54.31 3.27 0.00	55.64 3.83 0.00	56.87 4.12 0.00	64.48 4.22 0.00	75.69 6.37 0.00	96.08 7.85 0.00	85.86 7.31 -0.01	72.72 6.01 -0.01	64.72 4.74 0.00	60.37 4.16 0.00	54.52 3.09 0.00	51.62 3.64 0.00

NYPA_GOWANUS____GT5 24156	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NYPA_GOWANUS____GT6 24157	47.33 3.22 0.00	46.23 2.98 0.00	43.87 2.68 0.00	43.85 2.67 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.38 3.49 0.00	64.86 3.26 0.00	59.52 3.15 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.33 3.52 0.00	56.28 3.53 0.00	63.88 3.62 0.00	73.82 4.50 0.00	93.79 5.56 0.00	83.26 4.71 0.00	70.37 3.67 0.00	63.28 3.30 0.00	59.42 3.20 0.00	54.73 3.29 0.00	50.90 2.93 0.00
NYPA_HARLEM__RVR__GT1 24160	47.02 2.91 0.00	45.88 2.64 0.00	43.54 2.35 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.67 2.34 0.00	66.40 3.40 0.01	79.06 3.19 0.01	64.73 3.14 0.01	59.34 2.99 0.01	56.23 3.18 0.01	54.45 3.23 0.01	54.35 3.32 0.01	55.01 3.21 0.01	56.01 3.27 0.01	63.69 3.43 0.01	73.47 4.16 0.01	93.34 5.12 0.01	82.78 4.24 0.01	69.96 3.27 0.01	62.98 3.00 0.01	58.96 2.75 0.01	54.16 2.72 0.00	50.42 2.45 0.00
NYPA_HARLEM__RVR__GT2 24161	47.02 2.91 0.00	45.88 2.64 0.00	43.54 2.35 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.67 2.34 0.00	66.40 3.40 0.01	79.06 3.19 0.01	64.73 3.14 0.01	59.34 2.99 0.01	56.23 3.18 0.01	54.45 3.23 0.01	54.35 3.32 0.01	55.01 3.21 0.01	56.01 3.27 0.01	63.69 3.43 0.01	73.47 4.16 0.01	93.34 5.12 0.01	82.78 4.24 0.01	69.96 3.27 0.01	62.98 3.00 0.01	58.96 2.75 0.01	54.16 2.72 0.00	50.42 2.45 0.00
NYPA_KENT____GT 24152	47.24 3.13 0.00	46.14 2.90 0.00	43.79 2.60 0.00	43.77 2.60 0.00	43.59 2.55 0.00	45.97 2.64 0.00	66.79 3.78 0.00	79.45 3.57 0.00	64.92 3.32 0.00	59.58 3.21 0.00	56.45 3.40 0.00	54.61 3.38 0.00	54.56 3.52 0.00	55.28 3.47 0.00	56.28 3.53 0.00	63.94 3.68 0.00	73.76 4.44 0.00	93.70 5.47 0.00	83.18 4.63 0.00	70.30 3.60 0.00	63.28 3.30 0.00	59.36 3.15 0.00	54.63 3.19 0.00	50.81 2.83 0.00
NYPA_POUCHI____GT 24155	47.42 3.31 0.00	46.27 3.03 0.00	43.91 2.72 0.00	43.89 2.72 0.00	43.71 2.67 0.00	46.11 2.78 0.00	66.47 3.46 0.00	79.07 3.19 0.00	64.55 2.96 0.00	59.35 2.99 0.00	56.34 3.29 0.00	54.61 3.38 0.00	54.56 3.52 0.00	55.22 3.42 0.00	56.18 3.43 0.00	63.70 3.43 0.00	73.61 4.30 0.00	93.61 5.38 0.00	83.02 4.47 0.00	70.24 3.53 0.00	63.10 3.12 0.00	59.30 3.09 0.00	54.78 3.34 0.00	50.95 2.98 0.00
NYPA_VERNON____GT2 24162	47.15 3.04 0.00	46.05 2.81 0.00	43.70 2.51 0.00	43.69 2.51 0.00	43.51 2.46 0.00	45.93 2.60 0.00	66.85 3.84 0.00	79.53 3.64 0.00	65.04 3.45 0.00	59.64 3.27 0.00	56.45 3.40 0.00	54.56 3.33 0.00	54.46 3.42 0.00	55.28 3.47 0.00	56.23 3.48 0.00	64.00 3.74 0.00	73.82 4.50 0.00	93.70 5.47 0.00	83.18 4.63 0.00	70.30 3.60 0.00	63.28 3.30 0.00	59.30 3.09 0.00	54.47 3.03 0.00	50.66 2.69 0.00
NYPA_VERNON____GT3 24163	47.15 3.04 0.00	46.05 2.81 0.00	43.70 2.51 0.00	43.69 2.51 0.00	43.51 2.46 0.00	45.93 2.60 0.00	66.85 3.84 0.00	79.53 3.64 0.00	65.04 3.45 0.00	59.64 3.27 0.00	56.45 3.40 0.00	54.56 3.33 0.00	54.46 3.42 0.00	55.28 3.47 0.00	56.23 3.48 0.00	64.00 3.74 0.00	73.82 4.50 0.00	93.70 5.47 0.00	83.18 4.63 0.00	70.30 3.60 0.00	63.28 3.30 0.00	59.30 3.09 0.00	54.47 3.03 0.00	50.66 2.69 0.00
NYPA__ASTORIA_CC1 323568	47.15 3.04 0.00	46.02 2.77 0.00	43.70 2.51 0.00	43.69 2.51 0.00	43.51 2.46 0.00	45.89 2.56 0.00	66.79 3.78 0.00	79.45 3.57 0.00	64.98 3.39 0.00	59.64 3.27 0.00	56.39 3.34 0.00	54.56 3.33 0.00	54.46 3.42 0.00	55.22 3.42 0.00	56.23 3.48 0.00	63.94 3.68 0.00	73.76 4.44 0.00	93.70 5.47 0.00	83.10 4.55 0.00	70.24 3.53 0.00	63.22 3.24 0.00	59.25 3.03 0.00	54.47 3.03 0.00	50.66 2.69 0.00
NYPA__ASTORIA_CC2 323569	47.15 3.04 0.00	46.02 2.77 0.00	43.70 2.51 0.00	43.69 2.51 0.00	43.51 2.46 0.00	45.89 2.56 0.00	66.79 3.78 0.00	79.45 3.57 0.00	64.98 3.39 0.00	59.64 3.27 0.00	56.39 3.34 0.00	54.56 3.33 0.00	54.46 3.42 0.00	55.22 3.42 0.00	56.23 3.48 0.00	63.94 3.68 0.00	73.76 4.44 0.00	93.70 5.47 0.00	83.10 4.55 0.00	70.24 3.53 0.00	63.22 3.24 0.00	59.25 3.03 0.00	54.47 3.03 0.00	50.66 2.69 0.00
NYPA__HOLTSVILL 23794	47.59 3.48 0.00	46.40 3.16 0.00	43.99 2.80 0.00	43.89 2.72 0.00	43.79 2.75 0.00	46.54 3.21 0.00	68.36 5.35 0.00	78.92 3.04 0.00	66.03 4.44 0.00	60.14 3.78 0.00	55.44 2.39 0.00	53.54 2.31 0.00	53.64 2.60 0.00	55.02 3.21 0.00	56.18 3.43 0.00	63.46 3.19 0.00	74.52 5.20 0.00	94.59 6.36 0.00	84.52 5.97 -0.01	71.52 4.81 -0.01	63.65 3.66 0.00	59.59 3.37 0.00	53.91 2.47 0.00	51.05 3.07 0.00
NYPA____HELLGATE_GT1 24158	47.02 2.91 0.00	45.88 2.64 0.00	43.54 2.35 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.67 2.34 0.00	66.40 3.40 0.01	79.06 3.19 0.01	64.73 3.14 0.01	59.34 2.99 0.01	56.23 3.18 0.01	54.45 3.23 0.01	54.35 3.32 0.01	55.01 3.21 0.01	56.01 3.27 0.01	63.69 3.43 0.01	73.33 4.02 0.01	93.16 4.94 0.01	82.62 4.08 0.01	69.90 3.20 0.01	62.98 3.00 0.01	58.96 2.75 0.01	54.16 2.72 0.00	50.42 2.45 0.00
NYPA____HELLGATE_GT2 24159	47.02 2.91 0.00	45.88 2.64 0.00	43.54 2.35 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.67 2.34 0.00	66.40 3.40 0.01	79.06 3.19 0.01	64.73 3.14 0.01	59.34 2.99 0.01	56.23 3.18 0.01	54.45 3.23 0.01	54.35 3.32 0.01	55.01 3.21 0.01	56.01 3.27 0.01	63.69 3.43 0.01	73.33 4.02 0.01	93.16 4.94 0.01	82.62 4.08 0.01	69.90 3.20 0.01	62.98 3.00 0.01	58.96 2.75 0.01	54.16 2.72 0.00	50.42 2.45 0.00
NYS_BARGE__HYD 23848	40.23 -3.88 0.00	38.75 -4.50 0.00	37.24 -3.95 0.00	37.22 -3.95 0.00	37.06 -3.98 0.00	39.04 -4.29 0.00	56.08 -6.93 0.00	67.99 -7.89 0.00	54.27 -7.33 0.00	50.28 -6.09 0.00	47.06 -5.99 0.00	45.65 -5.58 0.00	45.33 -5.72 0.00	46.00 -5.80 0.00	46.94 -5.80 0.01	53.44 -6.81 0.02	60.63 -8.67 0.02	78.52 -9.71 0.00	69.99 -8.56 0.00	59.83 -6.87 0.00	54.29 -5.70 0.00	50.37 -5.85 0.00	46.71 -4.73 0.00	43.37 -4.61 0.00
OAK ORCHARD__HYD 24046	41.95 -2.16 0.00	40.74 -2.51 0.00	39.09 -2.10 0.00	38.95 -2.22 0.00	38.83 -2.22 0.00	40.99 -2.34 0.00	59.35 -3.66 0.00	71.94 -3.95 0.00	57.90 -3.69 0.00	53.27 -3.10 0.00	49.97 -3.08 0.00	48.46 -2.77 0.00	48.08 -2.96 0.00	48.85 -2.95 0.00	49.84 -2.90 0.00	56.82 -3.43 0.01	64.94 -4.36 0.01	83.64 -4.59 0.00	74.38 -4.17 0.00	63.44 -3.27 0.00	57.23 -2.76 0.00	53.23 -2.98 0.00	48.92 -2.52 0.00	45.53 -2.45 0.00

OAKDALE___35_KV_LOAD 356122	43.71 -0.40 0.00	42.77 -0.48 0.00	40.78 -0.41 0.00	40.68 -0.49 0.00	40.55 -0.49 0.00	42.94 -0.39 0.00	62.44 -0.57 0.00	75.20 -0.68 0.00	60.80 -0.80 0.00	55.69 -0.68 0.00	52.31 -0.74 0.00	50.51 -0.72 0.00	50.33 -0.71 0.00	51.08 -0.73 0.00	52.06 -0.69 0.00	59.60 -0.66 0.00	68.62 -0.69 0.00	87.44 -0.79 0.00	77.92 -0.63 0.00	66.24 -0.47 0.00	59.63 -0.36 0.00	55.65 -0.56 0.00	50.87 -0.57 0.00	47.50 -0.48 0.00
OCC_CHEM___DRP 24175	39.04 -5.07 0.00	38.23 -5.02 0.00	36.45 -4.74 0.00	36.36 -4.82 0.00	36.00 -5.05 0.00	38.43 -4.90 0.00	54.82 -8.19 0.00	66.55 -9.33 0.00	53.22 -8.38 0.00	49.43 -6.93 0.00	46.26 -6.79 0.00	44.88 -6.35 0.00	44.56 -6.48 0.00	45.17 -6.63 0.00	46.15 -6.59 0.01	52.29 -7.95 0.02	59.11 -10.19 0.02	76.50 -11.73 0.00	68.34 -10.21 0.00	58.37 -8.34 0.00	53.09 -6.90 0.00	49.36 -6.86 0.00	45.32 -6.12 0.00	42.46 -5.52 0.00
OH_GEN_PROXY 24063	40.01 -4.10 0.00	38.75 -4.50 0.00	37.15 -4.03 0.00	37.06 -4.12 0.00	36.90 -4.14 0.00	39.00 -4.33 0.00	55.95 -7.06 0.00	67.69 -8.20 0.00	54.14 -7.46 0.00	50.22 -6.14 0.00	47.00 -6.05 0.00	45.59 -5.64 0.00	45.27 -5.77 0.00	45.95 -5.85 0.00	46.84 -5.91 0.01	53.32 -6.93 0.02	60.50 -8.80 0.02	78.17 -10.06 0.00	69.75 -8.80 0.00	59.57 -7.14 0.00	54.11 -5.88 0.00	50.14 -6.07 0.00	46.50 -4.94 0.00	43.18 -4.80 0.00
OLIN_CORP_DRP 24177	39.34 -4.76 0.00	38.19 -5.06 0.00	36.78 -4.41 0.00	36.32 -4.86 0.00	36.28 -4.76 0.00	38.56 -4.77 0.00	55.13 -7.88 0.00	66.93 -8.95 0.00	53.47 -8.13 0.00	49.60 -6.76 0.00	46.47 -6.58 0.00	45.03 -6.20 0.00	44.71 -6.33 0.00	45.38 -6.42 0.00	46.31 -6.44 0.01	52.53 -7.71 0.02	59.46 -9.84 0.02	76.94 -11.29 0.00	68.73 -9.82 0.00	58.77 -7.94 0.00	53.39 -6.60 0.00	49.64 -6.58 0.00	45.57 -5.86 0.00	42.65 -5.33 0.00
OLIN_CORP_DSASP 323712	39.04 -5.07 0.00	38.23 -5.02 0.00	36.45 -4.74 0.00	36.36 -4.82 0.00	36.00 -5.05 0.00	38.43 -4.90 0.00	54.82 -8.19 0.00	66.55 -9.33 0.00	53.22 -8.38 0.00	49.43 -6.93 0.00	46.26 -6.79 0.00	44.88 -6.35 0.00	44.56 -6.48 0.00	45.17 -6.63 0.00	46.15 -6.59 0.01	52.29 -7.95 0.02	59.11 -10.19 0.02	76.50 -11.73 0.00	68.34 -10.21 0.00	58.37 -8.34 0.00	53.09 -6.90 0.00	49.36 -6.86 0.00	45.32 -6.12 0.00	42.46 -5.52 0.00
ONEIDA_HERK_LFGE 323681	44.55 0.44 0.00	43.68 0.43 0.00	41.56 0.37 0.00	41.67 0.50 0.00	41.54 0.49 0.00	43.94 0.61 0.00	64.08 1.07 0.00	78.61 2.73 0.00	63.32 1.72 0.00	57.61 1.24 0.00	54.17 1.12 0.00	52.20 0.97 0.00	51.96 0.92 0.00	52.84 1.04 0.00	53.80 1.05 0.00	61.65 1.39 0.00	71.11 1.80 0.00	89.90 1.67 0.00	79.73 1.18 0.00	67.64 0.93 0.00	61.12 1.14 0.00	57.17 0.95 0.00	52.37 0.93 0.00	48.84 0.86 0.00
ONEIDA___115KV_TB4 55905	44.81 0.71 0.00	43.89 0.65 0.00	41.85 0.66 0.00	41.84 0.66 0.00	41.74 0.70 0.00	44.15 0.82 0.00	64.40 1.39 0.00	77.17 1.29 0.00	62.40 0.80 0.00	56.99 0.62 0.00	53.58 0.53 0.00	51.74 0.51 0.00	51.50 0.46 0.00	52.27 0.47 0.00	53.28 0.53 0.00	60.99 0.72 0.00	70.22 0.90 0.00	90.35 2.12 0.00	80.27 1.73 0.00	68.04 1.33 0.00	61.37 1.38 0.00	57.28 1.07 0.00	52.36 0.93 0.00	48.89 0.91 0.00
ONONDAGA_REF_OCCRA 23987	43.31 -0.79 0.00	42.42 -0.82 0.00	40.41 -0.78 0.00	40.35 -0.82 0.00	40.22 -0.82 0.00	42.55 -0.78 0.00	61.88 -1.13 0.00	74.59 -1.29 0.00	60.49 -1.11 0.00	55.35 -1.01 0.00	51.99 -1.06 0.00	50.20 -1.02 0.00	50.02 -1.02 0.00	50.82 -0.98 0.00	51.86 -0.90 0.00	59.18 -1.08 0.00	68.07 -1.25 0.00	86.82 -1.41 0.00	77.29 -1.26 0.00	65.70 -1.00 0.00	59.09 -0.90 0.00	55.26 -0.96 0.00	50.46 -0.98 0.00	47.11 -0.86 0.00
ONONDAGA___COGEN 23986	43.31 -0.79 0.00	42.38 -0.86 0.00	40.41 -0.78 0.00	40.35 -0.82 0.00	40.22 -0.82 0.00	42.55 -0.78 0.00	61.88 -1.13 0.00	74.67 -1.21 0.00	60.55 -1.05 0.00	55.41 -0.96 0.00	52.04 -1.01 0.00	50.26 -0.97 0.00	50.07 -0.97 0.00	50.87 -0.93 0.00	51.91 -0.84 0.00	59.24 -1.02 0.00	68.07 -1.25 0.00	86.82 -1.41 0.00	77.29 -1.26 0.00	65.70 -1.00 0.00	59.09 -0.90 0.00	55.26 -0.96 0.00	50.46 -0.98 0.00	47.07 -0.91 0.00
ONTARIO___LFGE 23819	42.74 -1.37 0.00	41.65 -1.60 0.00	39.87 -1.32 0.00	39.74 -1.44 0.00	39.65 -1.40 0.00	41.90 -1.43 0.00	60.93 -2.08 0.00	73.84 -2.05 0.00	59.62 -1.97 0.00	54.68 -1.69 0.00	51.25 -1.80 0.00	49.64 -1.59 0.00	49.31 -1.74 0.00	50.14 -1.66 0.00	51.17 -1.58 0.00	58.39 -1.87 0.00	66.95 -2.36 0.00	85.85 -2.38 0.00	76.35 -2.20 0.00	64.97 -1.73 0.00	58.55 -1.44 0.00	54.53 -1.68 0.00	49.84 -1.59 0.00	46.49 -1.49 0.00
ORANGEVILLE_WT_PWR 323706	40.09 -4.01 0.00	38.79 -4.45 0.00	37.19 -3.99 0.00	37.10 -4.08 0.00	36.94 -4.10 0.00	39.04 -4.29 0.00	56.46 -6.55 0.00	68.30 -7.59 0.00	54.27 -7.33 0.00	49.89 -6.48 0.00	46.63 -6.42 0.00	45.18 -6.05 0.00	44.91 -6.13 0.00	45.59 -6.22 0.00	46.56 -6.17 0.01	53.24 -6.99 0.03	60.90 -8.39 0.03	78.97 -9.26 0.00	70.46 -8.09 0.00	60.23 -6.47 0.00	54.71 -5.28 0.00	50.87 -5.34 0.00	47.01 -4.42 0.00	43.71 -4.27 0.00
ORANGEVILLE___ESR 323794	40.09 -4.01 0.00	38.79 -4.45 0.00	37.19 -3.99 0.00	37.10 -4.08 0.00	36.94 -4.10 0.00	39.04 -4.29 0.00	56.46 -6.55 0.00	68.30 -7.59 0.00	54.27 -7.33 0.00	49.89 -6.48 0.00	46.63 -6.42 0.00	45.18 -6.05 0.00	44.91 -6.13 0.00	45.59 -6.22 0.00	46.56 -6.17 0.01	53.24 -6.99 0.03	60.90 -8.39 0.03	78.97 -9.26 0.00	70.46 -8.09 0.00	60.23 -6.47 0.00	54.71 -5.28 0.00	50.87 -5.34 0.00	47.01 -4.42 0.00	43.71 -4.27 0.00
OSWEGATCHIE___HYD 24044	44.06 -0.04 0.00	43.25 0.00 0.00	41.11 -0.08 0.00	41.26 0.08 0.00	41.17 0.12 0.00	43.37 0.04 0.00	63.39 0.38 0.00	77.48 1.60 0.00	62.40 0.80 0.00	56.76 0.40 0.00	53.37 0.32 0.00	51.49 0.26 0.00	51.25 0.20 0.00	52.01 0.21 0.00	52.96 0.21 0.00	60.32 0.06 0.00	68.97 -0.34 0.00	87.97 -0.26 0.00	78.00 -0.55 0.00	66.37 -0.33 0.00	60.46 0.48 0.00	56.94 0.73 0.00	52.11 0.67 0.00	48.65 0.67 0.00
OSWEGO___5 23606	42.65 -1.45 0.00	41.73 -1.51 0.00	39.79 -1.40 0.00	39.78 -1.40 0.00	39.65 -1.40 0.00	41.86 -1.47 0.00	60.80 -2.21 0.00	73.30 -2.58 0.00	59.44 -2.16 0.00	54.39 -1.97 0.00	51.14 -1.91 0.00	49.39 -1.84 0.00	49.21 -1.84 0.00	49.99 -1.81 0.00	50.96 -1.79 0.00	58.15 -2.11 0.00	66.89 -2.43 0.00	85.23 -3.00 0.00	75.88 -2.67 0.00	64.50 -2.20 0.00	58.07 -1.92 0.00	54.30 -1.91 0.00	49.69 -1.75 0.00	46.35 -1.63 0.00
OSWEGO___6 23613	42.65 -1.45 0.00	41.73 -1.51 0.00	39.79 -1.40 0.00	39.78 -1.40 0.00	39.65 -1.40 0.00	41.86 -1.47 0.00	60.80 -2.21 0.00	73.30 -2.58 0.00	59.44 -2.16 0.00	54.39 -1.97 0.00	51.14 -1.91 0.00	49.39 -1.84 0.00	49.21 -1.84 0.00	49.99 -1.81 0.00	50.96 -1.79 0.00	58.15 -2.11 0.00	66.89 -2.43 0.00	85.23 -3.00 0.00	75.88 -2.67 0.00	64.50 -2.20 0.00	58.07 -1.92 0.00	54.30 -1.91 0.00	49.69 -1.75 0.00	46.35 -1.63 0.00

OUTOKUMPU-AB___DRP 24206	39.96 -4.15 0.00	38.92 -4.32 0.00	37.28 -3.91 0.00	37.02 -4.16 0.00	36.78 -4.27 0.00	39.26 -4.07 0.00	56.27 -6.74 0.00	68.37 -7.51 0.00	54.57 -7.02 0.00	50.62 -5.75 0.00	47.37 -5.68 0.00	45.95 -5.28 0.00	45.63 -5.41 0.00	46.26 -5.54 0.00	47.26 -5.49 0.01	53.74 -6.51 0.02	60.84 -8.46 0.02	78.61 -9.62 0.00	70.14 -8.40 0.00	59.97 -6.74 0.00	54.47 -5.52 0.00	50.65 -5.57 0.00	46.50 -4.94 0.00	43.51 -4.46 0.00
OXBOW___BTM 323836	39.96 -4.15 0.00	38.71 -4.54 0.00	37.19 -3.99 0.00	36.98 -4.20 0.00	36.77 -4.27 0.00	38.87 -4.46 0.00	55.83 -7.18 0.00	67.61 -8.27 0.00	54.02 -7.58 0.00	50.11 -6.26 0.00	46.90 -6.15 0.00	45.49 -5.74 0.00	45.17 -5.87 0.00	45.85 -5.96 0.00	46.78 -5.96 0.01	53.26 -6.99 0.02	60.29 -9.01 0.02	78.09 -10.14 0.00	69.52 -9.03 0.00	59.50 -7.21 0.00	53.99 -6.00 0.00	50.09 -6.13 0.00	46.50 -4.94 0.00	43.13 -4.84 0.00
OXBOW___ 24026	39.57 -4.54 0.00	38.62 -4.63 0.00	36.95 -4.24 0.00	36.73 -4.45 0.00	36.45 -4.60 0.00	38.87 -4.46 0.00	55.64 -7.37 0.00	67.61 -8.27 0.00	54.02 -7.58 0.00	50.11 -6.26 0.00	46.90 -6.15 0.00	45.49 -5.74 0.00	45.17 -5.87 0.00	45.80 -6.01 0.00	46.78 -5.96 0.01	53.14 -7.11 0.02	60.08 -9.22 0.02	77.64 -10.59 0.00	69.36 -9.19 0.00	59.30 -7.40 0.00	53.87 -6.12 0.00	50.09 -6.13 0.00	45.99 -5.45 0.00	43.04 -4.94 0.00
OXY_CHEM_DSASP 323612	39.04 -5.07 0.00	38.23 -5.02 0.00	36.45 -4.74 0.00	36.36 -4.82 0.00	36.00 -5.05 0.00	38.43 -4.90 0.00	54.82 -8.19 0.00	66.55 -9.33 0.00	53.22 -8.38 0.00	49.43 -6.93 0.00	46.26 -6.79 0.00	44.88 -6.35 0.00	44.56 -6.48 0.00	45.17 -6.63 0.00	46.15 -6.59 0.01	52.29 -7.95 0.02	59.11 -10.19 0.02	76.50 -11.73 0.00	68.34 -10.21 0.00	58.37 -8.34 0.00	53.09 -6.90 0.00	49.36 -6.86 0.00	45.32 -6.12 0.00	42.46 -5.52 0.00
OZONE_PARK_ESR 323760	47.20 3.09 0.00	46.06 2.81 0.00	43.74 2.55 0.00	43.77 2.59 0.00	43.59 2.54 0.00	46.06 2.73 0.00	67.48 4.47 0.00	80.44 4.55 0.00	65.54 3.94 0.00	59.97 3.61 0.00	56.60 3.55 0.00	54.71 3.48 0.00	54.61 3.57 0.00	55.43 3.63 0.00	56.44 3.69 0.00	64.36 4.10 0.00	74.51 5.20 0.00	94.76 6.53 0.00	84.04 5.50 0.00	71.04 4.34 0.00	63.71 3.72 0.00	59.64 3.43 0.00	54.78 3.34 0.00	50.81 2.83 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	39.04 -5.07 0.00	38.23 -5.02 0.00	36.45 -4.74 0.00	36.36 -4.82 0.00	36.00 -5.05 0.00	38.43 -4.90 0.00	54.82 -8.19 0.00	66.55 -9.33 0.00	53.22 -8.38 0.00	49.43 -6.93 0.00	46.26 -6.79 0.00	44.88 -6.35 0.00	44.56 -6.48 0.00	45.17 -6.63 0.00	46.15 -6.59 0.01	52.29 -7.95 0.02	59.11 -10.19 0.02	76.50 -11.73 0.00	68.34 -10.21 0.00	58.37 -8.34 0.00	53.09 -6.90 0.00	49.36 -6.86 0.00	45.32 -6.12 0.00	42.46 -5.52 0.00
PACKARD___115KV_DUPONT_184 80571	39.43 -4.68 0.00	38.31 -4.93 0.00	36.78 -4.41 0.00	36.52 -4.65 0.00	36.36 -4.68 0.00	38.43 -4.90 0.00	55.01 -8.00 0.00	66.55 -9.34 0.00	53.22 -8.38 0.00	49.43 -6.94 0.00	46.26 -6.79 0.00	44.87 -6.35 0.00	44.56 -6.48 0.00	45.22 -6.58 0.00	46.15 -6.60 0.01	52.47 -7.77 0.02	59.46 -9.84 0.02	76.85 -11.38 0.00	68.49 -10.05 0.00	58.56 -8.14 0.00	53.21 -6.78 0.00	49.35 -6.86 0.00	45.83 -5.61 0.00	42.56 -5.42 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	47.11 3.00 0.00	45.93 2.68 0.00	43.58 2.39 0.00	43.61 2.43 0.00	43.42 2.38 0.00	45.71 2.38 0.00	66.54 3.53 0.00	79.15 3.26 0.00	64.74 3.14 0.00	59.35 2.99 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.16 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.76 3.50 0.00	73.54 4.23 0.00	93.44 5.21 0.00	82.79 4.24 0.00	70.04 3.34 0.00	62.99 3.00 0.00	59.02 2.81 0.00	54.37 2.93 0.00	50.52 2.54 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.59 3.48 0.00	46.45 3.20 0.00	44.07 2.88 0.00	44.10 2.92 0.00	43.92 2.87 0.00	46.28 2.95 0.00	67.36 4.35 0.00	80.13 4.25 0.00	65.42 3.82 0.00	59.97 3.61 0.00	56.76 3.71 0.00	54.87 3.64 0.00	54.77 3.73 0.00	55.59 3.78 0.00	56.55 3.80 0.00	64.42 4.16 0.00	74.37 5.06 0.00	94.41 6.18 0.00	83.73 5.18 0.00	70.84 4.14 0.00	63.71 3.72 0.00	59.70 3.49 0.00	54.99 3.55 0.00	51.10 3.12 0.00
PATROON___115KV_TB1 80586	45.52 1.41 0.00	44.67 1.43 0.00	42.55 1.36 0.00	42.54 1.36 0.00	42.36 1.31 0.00	44.67 1.34 0.00	64.46 1.45 0.00	76.95 1.06 0.00	62.71 1.11 0.00	57.33 0.96 0.00	54.11 1.06 0.00	52.20 0.97 0.00	52.06 1.02 0.00	52.84 1.04 0.00	53.80 1.05 0.00	61.53 1.27 0.00	71.12 1.80 0.00	89.55 1.32 0.00	79.88 1.34 0.00	67.84 1.13 0.00	61.01 1.02 0.00	57.28 1.07 0.00	52.78 1.34 0.00	49.18 1.20 0.00
PATTRSNVILLE___SOLAR 323815	45.21 1.10 0.00	44.37 1.12 0.00	42.30 1.11 0.00	42.25 1.07 0.00	42.07 1.03 0.00	44.50 1.17 0.00	64.90 1.89 0.00	77.78 1.90 0.00	62.64 1.05 0.00	56.93 0.56 0.00	53.58 0.53 0.00	51.64 0.41 0.00	51.45 0.41 0.00	52.22 0.41 0.00	53.33 0.58 0.00	61.35 1.09 0.00	71.11 1.80 0.00	90.52 2.29 0.00	80.74 2.20 0.00	68.37 1.67 0.00	61.42 1.44 0.00	57.56 1.35 0.00	52.62 1.18 0.00	49.03 1.05 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	40.14 -3.97 0.00	39.01 -4.24 0.00	37.40 -3.79 0.00	37.10 -4.08 0.00	36.98 -4.06 0.00	39.43 -3.90 0.00	56.90 -6.11 0.00	69.13 -6.75 0.00	55.01 -6.59 0.00	50.90 -5.47 0.00	47.64 -5.41 0.00	46.16 -5.07 0.00	45.83 -5.21 0.00	46.42 -5.39 0.00	47.36 -5.38 0.01	54.70 -5.54 0.02	62.64 -6.65 0.02	79.32 -8.91 0.00	70.93 -7.62 0.00	60.63 -6.07 0.00	54.95 -5.04 0.00	51.04 -5.17 0.00	46.91 -4.53 0.00	43.75 -4.22 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.71 2.60 0.00	45.67 2.42 0.00	43.41 2.22 0.00	43.48 2.31 0.00	43.26 2.22 0.00	45.71 2.38 0.00	66.98 3.97 0.00	79.75 3.87 0.00	64.80 3.20 0.00	59.24 2.87 0.00	55.92 2.86 0.00	53.89 2.66 0.00	53.80 2.76 0.00	54.76 2.95 0.00	55.70 2.95 0.00	63.70 3.44 0.00	73.75 4.44 0.00	93.88 5.65 0.00	83.42 4.87 0.00	70.57 3.87 0.00	63.29 3.30 0.00	59.14 2.92 0.00	54.16 2.73 0.00	50.38 2.40 0.00
PEEKSKILL___ 23653	46.40 2.29 0.00	45.41 2.16 0.00	43.13 1.94 0.00	43.15 1.98 0.00	42.97 1.93 0.00	45.41 2.08 0.00	66.35 3.34 0.00	79.07 3.19 0.00	64.37 2.77 0.00	58.91 2.54 0.00	55.54 2.49 0.00	53.64 2.41 0.00	53.54 2.50 0.00	54.34 2.54 0.00	55.33 2.58 0.00	63.10 2.83 0.00	73.06 3.74 0.00	92.90 4.67 0.00	82.55 4.00 0.00	69.91 3.20 0.00	62.69 2.70 0.00	58.63 2.42 0.00	53.65 2.21 0.00	49.99 2.01 0.00
PGE MADISON___WINDPWR 24146	45.70 1.59 0.00	44.80 1.56 0.00	42.71 1.52 0.00	42.66 1.48 0.00	42.60 1.56 0.00	45.28 1.95 0.00	66.48 3.47 0.00	80.97 5.08 0.00	64.62 3.02 0.00	58.62 2.25 0.00	55.01 1.96 0.00	53.02 1.79 0.00	52.67 1.63 0.00	53.36 1.55 0.00	54.45 1.69 -0.01	62.75 2.47 -0.02	72.80 3.47 -0.02	94.05 5.82 0.00	83.50 4.95 0.00	70.64 3.94 0.00	64.01 4.02 0.00	59.14 2.92 0.00	54.06 2.62 0.00	50.47 2.49 0.00

PIERCEFIELD___HYD 23852	44.68 0.57 0.00	43.98 0.74 0.00	41.72 0.54 0.00	41.84 0.66 0.00	41.74 0.70 0.00	44.02 0.69 0.00	64.27 1.26 0.00	78.31 2.43 0.00	63.26 1.66 0.00	57.72 1.35 0.00	54.27 1.22 0.00	52.41 1.18 0.00	52.16 1.12 0.00	52.84 1.04 0.00	53.75 1.00 0.00	61.23 0.96 0.00	69.52 0.21 0.00	88.58 0.35 0.00	78.70 0.16 0.00	67.10 0.40 0.00	61.31 1.32 0.00	57.73 1.52 0.00	52.78 1.34 0.00	49.32 1.34 0.00
PINELAWN_CC_1 323563	47.77 3.66 0.00	46.53 3.29 0.00	44.11 2.92 0.00	44.02 2.84 0.00	43.96 2.91 0.00	46.67 3.34 0.00	68.68 5.67 0.00	79.53 3.64 0.00	66.28 4.68 0.00	60.37 4.00 0.00	55.75 2.70 0.00	53.89 2.66 0.00	53.95 2.91 0.00	55.28 3.47 0.00	56.44 3.69 0.00	64.06 3.80 0.00	75.06 5.75 0.00	95.37 7.14 0.00	85.16 6.60 -0.01	72.11 5.40 -0.01	64.25 4.26 0.00	59.98 3.77 0.00	54.21 2.78 0.00	51.24 3.26 0.00
PJM_GEN_HTTP_PROXY 323702	46.84 2.74 0.00	45.80 2.55 0.00	43.49 2.31 0.00	43.48 2.30 0.00	43.30 2.26 0.00	45.75 2.42 0.00	66.92 3.91 0.00	79.75 3.87 0.00	64.98 3.39 0.00	59.47 3.10 0.00	56.13 3.08 0.00	54.20 2.97 0.00	54.15 3.11 0.00	54.97 3.16 0.00	55.91 3.16 0.00	63.76 3.49 0.00	73.76 4.44 0.00	93.79 5.56 0.00	83.18 4.63 0.00	70.37 3.67 0.00	63.10 3.12 0.00	59.08 2.87 0.00	54.16 2.72 0.00	50.37 2.40 0.00
PJM_GEN_KEystone 24065	43.18 -0.93 0.00	42.08 -1.17 0.00	40.16 -1.03 0.00	40.11 -1.07 0.00	39.94 -1.11 0.00	42.20 -1.13 0.00	61.44 -1.57 0.00	73.61 -2.27 0.00	59.32 -2.28 0.00	54.51 -1.86 0.00	51.25 -1.80 0.00	49.54 -1.69 0.00	49.36 -1.68 0.00	50.04 -1.76 0.00	50.90 -1.85 0.01	58.09 -2.17 0.01	66.81 -2.49 0.01	86.29 -1.94 0.00	76.82 -1.73 0.00	65.30 -1.40 0.00	58.79 -1.20 0.00	54.81 -1.40 0.00	50.41 -1.03 0.00	46.92 -1.06 0.00
PJM_GEN_NEPTUNE_PROXY 323594	47.19 3.09 0.00	46.02 2.77 0.00	43.62 2.43 0.00	43.56 2.39 0.00	43.46 2.42 0.00	46.11 2.78 0.00	67.67 4.66 0.00	78.69 2.81 0.00	65.48 3.88 0.00	59.69 3.32 0.00	55.33 2.28 0.00	53.48 2.25 0.00	53.54 2.50 0.00	54.70 2.90 0.00	55.81 3.06 0.00	63.34 3.07 0.00	74.03 4.72 0.00	93.96 5.73 0.00	83.82 5.26 -0.01	70.99 4.27 -0.01	63.28 3.30 0.00	59.13 2.92 0.00	53.60 2.16 0.00	50.61 2.64 0.00
PJM_GEN_VFT_PROXY 323633	45.92 2.60 0.79	45.64 2.42 0.03	43.37 2.18 0.00	43.36 2.18 0.00	43.18 2.13 0.00	45.62 2.29 0.00	66.73 3.72 0.00	79.53 3.64 0.00	52.00 3.20 12.80	48.72 2.99 10.63	47.22 2.92 8.75	47.22 2.87 6.88	47.22 2.96 6.78	46.62 3.00 8.19	48.40 3.06 7.41	63.70 3.43 0.00	73.68 4.37 0.00	93.70 5.47 0.00	70.28 4.40 12.66	57.39 3.40 12.71	50.12 2.88 12.74	48.22 2.70 10.69	49.34 2.57 4.67	47.22 2.26 3.01
PLATSBURG_115KV_PMLD1 355749	44.37 0.26 0.00	43.63 0.39 0.00	41.44 0.25 0.00	41.51 0.33 0.00	41.45 0.41 0.00	43.76 0.43 0.00	63.77 0.76 0.00	77.48 1.59 0.00	62.83 1.23 0.00	57.49 1.13 0.00	53.95 0.90 0.00	52.10 0.87 0.00	51.81 0.77 0.00	52.48 0.67 0.00	53.38 0.63 0.00	61.05 0.78 0.00	69.87 0.55 0.00	89.11 0.88 0.00	79.25 0.71 0.00	67.37 0.67 0.00	60.83 0.84 0.00	57.11 0.90 0.00	52.21 0.77 0.00	48.79 0.82 0.00
PLEASANTVLY___LBMP 24000	46.14 2.03 0.00	45.15 1.90 0.00	42.92 1.73 0.00	42.95 1.77 0.00	42.77 1.72 0.00	45.15 1.82 0.00	65.97 2.96 0.00	78.69 2.81 0.00	64.06 2.46 0.00	58.57 2.20 0.00	55.23 2.18 0.00	53.33 2.10 0.00	53.24 2.19 0.00	54.08 2.28 0.00	55.02 2.27 0.00	62.85 2.59 0.00	72.71 3.40 0.00	92.38 4.15 0.00	82.08 3.53 0.00	69.51 2.80 0.00	62.33 2.34 0.00	58.35 2.14 0.00	53.50 2.06 0.00	49.75 1.78 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	46.58 2.47 0.00	45.49 2.25 0.00	43.25 2.06 0.00	43.28 2.10 0.00	43.10 2.05 0.00	45.54 2.21 0.00	66.60 3.59 0.00	79.37 3.49 0.00	64.68 3.08 0.00	59.13 2.76 0.00	55.76 2.71 0.00	53.84 2.61 0.00	53.75 2.71 0.00	54.60 2.80 0.00	55.60 2.85 0.00	63.46 3.19 0.00	73.40 4.09 0.00	93.35 5.12 0.00	82.95 4.40 0.00	70.17 3.47 0.00	62.93 2.94 0.00	58.86 2.64 0.00	53.96 2.52 0.00	50.18 2.21 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	46.58 2.47 0.00	45.49 2.25 0.00	43.25 2.06 0.00	43.28 2.10 0.00	43.10 2.05 0.00	45.54 2.21 0.00	66.60 3.59 0.00	79.37 3.49 0.00	64.68 3.08 0.00	59.13 2.76 0.00	55.76 2.71 0.00	53.84 2.61 0.00	53.75 2.71 0.00	54.60 2.80 0.00	55.60 2.85 0.00	63.46 3.19 0.00	73.40 4.09 0.00	93.35 5.12 0.00	82.95 4.40 0.00	70.17 3.47 0.00	62.93 2.94 0.00	58.86 2.64 0.00	53.96 2.52 0.00	50.18 2.21 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.36 2.25 0.00	45.36 2.12 0.00	43.13 1.94 0.00	43.15 1.98 0.00	42.97 1.93 0.00	45.41 2.08 0.00	66.35 3.34 0.00	79.07 3.19 0.00	64.31 2.71 0.00	58.73 2.37 0.00	55.33 2.28 0.00	53.43 2.20 0.00	53.39 2.35 0.00	54.19 2.38 0.00	55.18 2.43 0.00	63.16 2.89 0.00	73.13 3.81 0.00	92.99 4.76 0.00	82.71 4.16 0.00	69.97 3.27 0.00	62.69 2.70 0.00	58.69 2.47 0.00	53.75 2.31 0.00	49.99 2.02 0.00
POLETTI_____ 23519	46.53 2.43 0.00	45.36 2.12 0.00	43.04 1.85 0.00	43.03 1.85 0.00	42.89 1.85 0.00	45.15 1.82 0.00	65.78 2.77 0.00	78.24 2.35 0.00	64.06 2.46 0.00	58.79 2.42 0.00	55.65 2.60 0.00	53.94 2.72 0.00	53.90 2.86 0.00	54.50 2.69 0.00	55.44 2.69 0.00	63.10 2.83 0.00	72.78 3.47 0.00	92.47 4.24 0.00	81.92 3.38 0.00	69.31 2.60 0.00	62.33 2.34 0.00	58.35 2.14 0.00	53.70 2.26 0.00	49.90 1.92 0.00
POMONA___ESR 323819	46.44 2.34 0.00	45.41 2.16 0.00	43.17 1.98 0.00	43.15 1.98 0.00	42.97 1.93 0.00	45.41 2.08 0.00	66.41 3.40 0.00	79.15 3.26 0.00	64.43 2.84 0.00	58.96 2.59 0.00	55.54 2.49 0.00	53.64 2.41 0.00	53.59 2.55 0.00	54.39 2.59 0.00	55.33 2.58 0.00	63.16 2.89 0.00	73.12 3.81 0.00	92.99 4.76 0.00	82.63 4.08 0.00	69.97 3.27 0.00	62.75 2.76 0.00	58.68 2.47 0.00	53.70 2.26 0.00	49.99 2.01 0.00
PORT_JEFF_3 23555	47.64 3.53 0.00	46.45 3.20 0.00	43.99 2.80 0.00	43.89 2.72 0.00	43.84 2.79 0.00	46.58 3.25 0.00	68.49 5.48 0.00	78.92 3.04 0.00	66.09 4.49 0.00	60.20 3.83 0.00	55.44 2.39 0.00	53.59 2.36 0.00	53.69 2.65 0.00	55.07 3.27 0.00	56.18 3.43 0.00	63.28 3.01 0.00	74.31 4.99 0.00	94.31 6.08 0.00	84.29 5.73 -0.01	71.38 4.67 -0.01	63.53 3.54 0.00	59.53 3.32 0.00	53.96 2.52 0.00	51.09 3.12 0.00
PORT_JEFF_4 23616	47.64 3.53 0.00	46.45 3.20 0.00	43.99 2.80 0.00	43.89 2.72 0.00	43.84 2.79 0.00	46.58 3.25 0.00	68.49 5.48 0.00	78.92 3.04 0.00	66.09 4.49 0.00	60.20 3.83 0.00	55.44 2.39 0.00	53.59 2.36 0.00	53.69 2.65 0.00	55.07 3.27 0.00	56.18 3.43 0.00	63.28 3.01 0.00	74.31 4.99 0.00	94.31 6.08 0.00	84.29 5.73 -0.01	71.38 4.67 -0.01	63.53 3.54 0.00	59.53 3.32 0.00	53.96 2.52 0.00	51.09 3.12 0.00

PORT_JEFF_IC 23713	47.73 3.62 0.00	46.45 3.20 0.00	44.03 2.84 0.00	43.94 2.76 0.00	43.88 2.83 0.00	46.62 3.29 0.00	68.62 5.61 0.00	79.37 3.49 0.00	66.16 4.56 0.00	60.31 3.95 0.00	55.49 2.44 0.00	53.64 2.41 0.00	53.75 2.71 0.00	55.17 3.37 0.00	56.34 3.59 0.00	63.76 3.50 0.00	74.72 5.41 0.00	95.11 6.88 0.00	84.68 6.13 -0.01	71.65 4.94 -0.01	63.71 3.72 0.00	59.70 3.49 0.00	54.42 2.98 0.00	51.24 3.26 0.00
PPL PILGRIM_ST_GT1 24216	48.16 4.06 0.00	46.92 3.67 0.00	44.49 3.30 0.00	44.39 3.21 0.00	44.29 3.24 0.00	47.10 3.77 0.00	69.31 6.30 0.00	79.98 4.09 0.00	66.89 5.30 0.00	60.88 4.51 0.00	56.13 3.08 0.00	54.20 2.97 0.00	54.31 3.27 0.00	55.64 3.83 0.00	56.87 4.12 0.00	64.48 4.22 0.00	75.69 6.37 0.00	96.08 7.85 0.00	85.86 7.31 -0.01	72.72 6.01 -0.01	64.72 4.74 0.00	60.37 4.16 0.00	54.52 3.09 0.00	51.62 3.64 0.00
PPL PILGRIM_ST_GT2 24217	48.16 4.06 0.00	46.92 3.67 0.00	44.49 3.30 0.00	44.39 3.21 0.00	44.29 3.24 0.00	47.10 3.77 0.00	69.31 6.30 0.00	79.98 4.09 0.00	66.89 5.30 0.00	60.88 4.51 0.00	56.13 3.08 0.00	54.20 2.97 0.00	54.31 3.27 0.00	55.64 3.83 0.00	56.87 4.12 0.00	64.48 4.22 0.00	75.69 6.37 0.00	96.08 7.85 0.00	85.86 7.31 -0.01	72.72 6.01 -0.01	64.72 4.74 0.00	60.37 4.16 0.00	54.52 3.09 0.00	51.62 3.64 0.00
PPL_SHRM_GT3 24213	47.86 3.75 0.00	46.62 3.38 0.00	44.19 3.01 0.00	44.10 2.92 0.00	44.04 2.99 0.00	46.80 3.47 0.00	68.80 5.79 0.00	79.30 3.42 0.00	66.28 4.68 0.00	60.37 4.00 0.00	55.60 2.55 0.00	53.64 2.41 0.00	53.80 2.75 0.00	55.28 3.47 0.00	56.50 3.75 0.00	63.82 3.55 0.00	75.06 5.75 0.00	95.37 7.14 0.00	85.31 6.76 -0.01	72.18 5.47 -0.01	64.18 4.20 0.00	60.09 3.88 0.00	54.21 2.78 0.00	51.38 3.41 0.00
PPL_SHRM_GT4 24214	47.86 3.75 0.00	46.62 3.38 0.00	44.19 3.01 0.00	44.10 2.92 0.00	44.04 2.99 0.00	46.80 3.47 0.00	68.80 5.79 0.00	79.30 3.42 0.00	66.28 4.68 0.00	60.37 4.00 0.00	55.60 2.55 0.00	53.64 2.41 0.00	53.80 2.75 0.00	55.28 3.47 0.00	56.50 3.75 0.00	63.82 3.55 0.00	75.06 5.75 0.00	95.37 7.14 0.00	85.31 6.76 -0.01	72.18 5.47 -0.01	64.18 4.20 0.00	60.09 3.88 0.00	54.21 2.78 0.00	51.38 3.41 0.00
PROJECT___ORANGE 1 24174	43.09 -1.01 0.00	42.21 -1.04 0.00	40.24 -0.95 0.00	40.15 -1.03 0.00	40.02 -1.03 0.00	42.33 -1.00 0.00	61.50 -1.51 0.00	74.14 -1.75 0.00	60.12 -1.48 0.00	55.07 -1.30 0.00	51.78 -1.27 0.00	50.00 -1.23 0.00	49.82 -1.22 0.00	50.61 -1.19 0.00	51.59 -1.16 0.00	58.88 -1.39 0.00	67.65 -1.66 0.00	86.29 -1.94 0.00	76.82 -1.73 0.00	65.30 -1.40 0.00	58.73 -1.26 0.00	54.92 -1.29 0.00	50.20 -1.23 0.00	46.83 -1.15 0.00
PROJECT___ORANGE 2 24166	43.09 -1.01 0.00	42.21 -1.04 0.00	40.24 -0.95 0.00	40.15 -1.03 0.00	40.02 -1.03 0.00	42.33 -1.00 0.00	61.50 -1.51 0.00	74.14 -1.75 0.00	60.12 -1.48 0.00	55.07 -1.30 0.00	51.78 -1.27 0.00	50.00 -1.23 0.00	49.82 -1.22 0.00	50.61 -1.19 0.00	51.59 -1.16 0.00	58.88 -1.39 0.00	67.65 -1.66 0.00	86.29 -1.94 0.00	76.82 -1.73 0.00	65.30 -1.40 0.00	58.73 -1.26 0.00	54.92 -1.29 0.00	50.20 -1.23 0.00	46.83 -1.15 0.00
PUCKETT___SOLAR 323809	44.37 0.27 0.00	43.38 0.13 0.00	41.35 0.17 0.00	41.34 0.17 0.00	41.21 0.16 0.00	43.59 0.26 0.00	63.64 0.63 0.00	76.72 0.84 0.00	61.84 0.25 0.00	56.48 0.11 0.00	53.00 -0.05 0.00	51.13 -0.10 0.00	50.89 -0.15 0.00	51.70 -0.10 0.00	52.70 -0.05 0.00	60.38 0.12 0.00	69.66 0.35 0.00	89.37 1.14 0.00	79.57 1.02 0.00	67.51 0.80 0.00	60.83 0.84 0.00	56.61 0.40 0.00	51.80 0.36 0.00	48.27 0.29 0.00
PYRITES___HYD 24023	45.43 1.32 0.00	44.72 1.47 0.00	42.43 1.24 0.00	42.54 1.36 0.00	42.44 1.40 0.00	44.80 1.47 0.00	65.47 2.46 0.00	79.83 3.95 0.00	64.25 2.65 0.00	58.45 2.09 0.00	54.85 1.80 0.00	52.97 1.74 0.00	52.67 1.63 0.00	53.41 1.61 0.00	54.33 1.58 0.00	62.07 1.81 0.00	70.77 1.46 0.00	90.79 2.56 0.00	80.67 2.12 0.00	68.64 1.93 0.00	62.57 2.58 0.00	58.80 2.59 0.00	53.70 2.26 0.00	50.18 2.21 0.00
QUAKERRD_115KV_BK1 80622	40.98 -3.13 0.00	40.00 -3.24 0.00	38.31 -2.88 0.00	38.13 -3.05 0.00	37.97 -3.08 0.00	40.30 -3.03 0.00	58.35 -4.66 0.00	70.80 -5.08 0.00	57.10 -4.50 0.00	52.48 -3.89 0.00	49.23 -3.82 0.00	47.75 -3.48 0.00	47.37 -3.67 0.00	48.13 -3.68 0.00	49.11 -3.64 0.00	55.80 -4.46 0.01	63.69 -5.61 0.01	82.14 -6.09 0.00	73.05 -5.50 0.00	62.23 -4.47 0.00	56.15 -3.84 0.00	52.33 -3.88 0.00	47.73 -3.70 0.00	44.71 -3.26 0.00
QUENSBRY_115KV_TB8 356137	47.02 2.91 0.00	46.14 2.90 0.00	44.03 2.84 0.00	43.98 2.80 0.00	43.79 2.75 0.00	45.24 1.91 0.00	65.91 2.90 0.00	78.92 3.04 0.00	64.00 2.40 0.00	58.40 2.03 0.00	55.12 2.07 0.00	52.97 1.74 0.00	52.73 1.68 0.00	53.36 1.55 0.00	54.44 1.69 0.00	62.37 2.11 0.00	72.23 2.91 0.00	91.76 3.53 0.00	81.85 3.30 0.00	69.17 2.47 0.00	62.27 2.28 0.00	58.29 2.08 0.00	53.44 2.01 0.00	49.75 1.78 0.00
RAMAPO___LBMP 323565	46.27 2.16 0.00	45.23 1.99 0.00	43.00 1.81 0.00	43.03 1.85 0.00	42.85 1.81 0.00	45.28 1.95 0.00	66.22 3.21 0.00	79.00 3.11 0.00	64.18 2.59 0.00	58.73 2.37 0.00	55.38 2.33 0.00	53.48 2.25 0.00	53.39 2.35 0.00	54.19 2.38 0.00	55.12 2.37 0.00	62.98 2.71 0.00	72.92 3.60 0.00	92.73 4.50 0.00	82.40 3.85 0.00	69.77 3.07 0.00	62.51 2.52 0.00	58.46 2.25 0.00	53.65 2.21 0.00	49.85 1.87 0.00
RANKINE____ 23646	40.18 -3.93 0.00	39.09 -4.15 0.00	37.48 -3.71 0.00	37.18 -3.99 0.00	37.02 -4.02 0.00	39.52 -3.81 0.00	56.77 -6.24 0.00	68.98 -6.91 0.00	54.94 -6.65 0.00	50.84 -5.52 0.00	47.59 -5.46 0.00	46.16 -5.07 0.00	45.83 -5.21 0.00	46.47 -5.34 0.00	47.47 -5.27 0.01	54.28 -5.97 0.02	61.74 -7.56 0.02	79.23 -9.00 0.00	70.77 -7.78 0.00	60.50 -6.20 0.00	54.89 -5.10 0.00	51.04 -5.17 0.00	46.91 -4.53 0.00	43.85 -4.13 0.00
RAVENSWOOD_GT2_1 24244	46.93 2.82 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.98 3.97 0.00	79.75 3.87 0.00	65.05 3.45 0.00	59.52 3.16 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.16 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.88 3.62 0.00	73.96 4.64 0.00	93.97 5.73 0.00	83.34 4.79 0.00	70.44 3.74 0.00	63.17 3.18 0.00	59.14 2.92 0.00	54.37 2.93 0.00	50.47 2.49 0.00
RAVENSWOOD_GT2_2 24245	46.93 2.82 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.98 3.97 0.00	79.75 3.87 0.00	65.05 3.45 0.00	59.52 3.16 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.16 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.88 3.62 0.00	73.96 4.64 0.00	93.97 5.73 0.00	83.34 4.79 0.00	70.44 3.74 0.00	63.17 3.18 0.00	59.14 2.92 0.00	54.37 2.93 0.00	50.47 2.49 0.00

RAVENSWOOD_GT2_3 24246	46.93 2.82 0.00	45.80 2.55 0.00	43.54 2.35 0.00	43.52 2.35 0.00	43.38 2.34 0.00	45.80 2.47 0.00	66.98 3.97 0.00	79.83 3.95 0.00	65.05 3.45 0.00	59.58 3.21 0.00	56.23 3.18 0.00	54.30 3.07 0.00	54.26 3.22 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.94 3.68 0.00	73.96 4.64 0.00	93.97 5.73 0.00	83.34 4.79 0.00	70.51 3.80 0.00	63.23 3.24 0.00	59.19 2.98 0.00	54.37 2.93 0.00	50.52 2.54 0.00
RAVENSWOOD_GT2_4 24247	46.93 2.82 0.00	45.80 2.55 0.00	43.54 2.35 0.00	43.52 2.35 0.00	43.38 2.34 0.00	45.80 2.47 0.00	66.98 3.97 0.00	79.83 3.95 0.00	65.05 3.45 0.00	59.58 3.21 0.00	56.23 3.18 0.00	54.30 3.07 0.00	54.26 3.22 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.94 3.68 0.00	73.96 4.64 0.00	93.97 5.73 0.00	83.34 4.79 0.00	70.51 3.80 0.00	63.23 3.24 0.00	59.19 2.98 0.00	54.37 2.93 0.00	50.52 2.54 0.00
RAVENSWOOD_GT3_1 24248	46.93 2.82 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.98 3.97 0.00	79.75 3.87 0.00	65.05 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.16 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.88 3.62 0.00	73.96 4.64 0.00	93.97 5.73 0.00	83.34 4.79 0.00	70.44 3.74 0.00	63.23 3.24 0.00	59.19 2.98 0.00	54.37 2.93 0.00	50.47 2.49 0.00
RAVENSWOOD_GT3_2 24249	46.93 2.82 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.98 3.97 0.00	79.75 3.87 0.00	65.05 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.16 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.88 3.62 0.00	73.96 4.64 0.00	93.97 5.73 0.00	83.34 4.79 0.00	70.44 3.74 0.00	63.23 3.24 0.00	59.19 2.98 0.00	54.37 2.93 0.00	50.47 2.49 0.00
RAVENSWOOD_GT3_3 24250	46.98 2.87 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.84 2.51 0.00	67.04 4.03 0.00	79.91 4.02 0.00	65.11 3.51 0.00	59.64 3.27 0.00	56.29 3.24 0.00	54.35 3.12 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.07 3.32 0.00	64.00 3.74 0.00	74.03 4.71 0.00	94.05 5.82 0.00	83.42 4.87 0.00	70.57 3.87 0.00	63.29 3.30 0.00	59.25 3.04 0.00	54.42 2.98 0.00	50.57 2.59 0.00
RAVENSWOOD_GT3_4 24251	46.98 2.87 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.84 2.51 0.00	67.04 4.03 0.00	79.91 4.02 0.00	65.11 3.51 0.00	59.64 3.27 0.00	56.29 3.24 0.00	54.35 3.12 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.07 3.32 0.00	64.00 3.74 0.00	74.03 4.71 0.00	94.05 5.82 0.00	83.42 4.87 0.00	70.57 3.87 0.00	63.29 3.30 0.00	59.25 3.04 0.00	54.42 2.98 0.00	50.57 2.59 0.00
RAVENSWOOD_GT_1 23729	47.15 3.04 0.00	46.01 2.77 0.00	43.66 2.47 0.00	43.69 2.51 0.00	43.51 2.46 0.00	45.93 2.60 0.00	66.92 3.91 0.00	79.60 3.72 0.00	65.05 3.45 0.00	59.64 3.27 0.00	56.45 3.40 0.00	54.56 3.33 0.00	54.46 3.42 0.00	55.28 3.47 0.00	56.23 3.48 0.00	64.06 3.80 0.00	73.89 4.57 0.00	93.88 5.65 0.00	83.18 4.63 0.00	70.37 3.67 0.00	63.29 3.30 0.00	59.30 3.09 0.00	54.63 3.19 0.00	50.71 2.73 0.00
RAVENSWOOD_GT_10 24258	46.89 2.78 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.98 3.97 0.00	79.83 3.95 0.00	65.05 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.16 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.88 3.62 0.00	73.96 4.64 0.00	93.97 5.73 0.00	83.34 4.79 0.00	70.44 3.74 0.00	63.17 3.18 0.00	59.14 2.92 0.00	54.37 2.93 0.00	50.47 2.49 0.00
RAVENSWOOD_GT_11 24259	46.89 2.78 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.98 3.97 0.00	79.83 3.95 0.00	65.05 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.16 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.88 3.62 0.00	73.96 4.64 0.00	93.97 5.73 0.00	83.34 4.79 0.00	70.44 3.74 0.00	63.17 3.18 0.00	59.14 2.92 0.00	54.37 2.93 0.00	50.47 2.49 0.00
RAVENSWOOD_GT_4 24252	46.98 2.87 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.84 2.51 0.00	66.92 3.91 0.00	79.68 3.79 0.00	64.98 3.39 0.00	59.58 3.21 0.00	56.23 3.18 0.00	54.35 3.12 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.07 3.32 0.00	63.94 3.68 0.00	73.89 4.57 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.23 3.24 0.00	59.19 2.98 0.00	54.42 2.98 0.00	50.52 2.54 0.00
RAVENSWOOD_GT_5 24254	46.98 2.87 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.84 2.51 0.00	66.92 3.91 0.00	79.68 3.79 0.00	64.98 3.39 0.00	59.58 3.21 0.00	56.23 3.18 0.00	54.35 3.12 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.07 3.32 0.00	63.94 3.68 0.00	73.89 4.57 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.23 3.24 0.00	59.19 2.98 0.00	54.42 2.98 0.00	50.52 2.54 0.00
RAVENSWOOD_GT_6 24253	46.98 2.87 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.84 2.51 0.00	66.92 3.91 0.00	79.68 3.79 0.00	64.98 3.39 0.00	59.58 3.21 0.00	56.23 3.18 0.00	54.35 3.12 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.07 3.32 0.00	63.94 3.68 0.00	73.89 4.57 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.23 3.24 0.00	59.19 2.98 0.00	54.42 2.98 0.00	50.52 2.54 0.00
RAVENSWOOD_GT_7 24255	46.98 2.87 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.57 2.39 0.00	43.38 2.34 0.00	45.84 2.51 0.00	66.92 3.91 0.00	79.68 3.79 0.00	64.98 3.39 0.00	59.58 3.21 0.00	56.23 3.18 0.00	54.35 3.12 0.00	54.31 3.27 0.00	55.12 3.32 0.00	56.07 3.32 0.00	63.94 3.68 0.00	73.89 4.57 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.23 3.24 0.00	59.19 2.98 0.00	54.42 2.98 0.00	50.52 2.54 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.89 2.78 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.98 3.97 0.00	79.83 3.95 0.00	65.05 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.16 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.88 3.62 0.00	73.96 4.64 0.00	93.97 5.73 0.00	83.34 4.79 0.00	70.44 3.74 0.00	63.17 3.18 0.00	59.14 2.92 0.00	54.37 2.93 0.00	50.47 2.49 0.00
RAVENSWOOD_GT_9 24257	46.89 2.78 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.98 3.97 0.00	79.83 3.95 0.00	65.05 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.16 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.88 3.62 0.00	73.96 4.64 0.00	93.97 5.73 0.00	83.34 4.79 0.00	70.44 3.74 0.00	63.17 3.18 0.00	59.14 2.92 0.00	54.37 2.93 0.00	50.47 2.49 0.00

RAVENSWOOD___1 23533	47.11 3.00 0.00	46.02 2.77 0.00	43.70 2.51 0.00	43.65 2.47 0.00	43.51 2.46 0.00	45.89 2.56 0.00	66.79 3.78 0.00	79.53 3.64 0.00	64.98 3.39 0.00	59.64 3.27 0.00	56.39 3.34 0.00	54.56 3.33 0.00	54.46 3.42 0.00	55.22 3.42 0.00	56.23 3.48 0.00	63.94 3.68 0.00	73.76 4.44 0.00	93.70 5.47 0.00	83.10 4.55 0.00	70.30 3.60 0.00	63.22 3.24 0.00	59.25 3.03 0.00	54.47 3.03 0.00	50.66 2.69 0.00
RAVENSWOOD___2 23534	47.11 3.00 0.00	46.02 2.77 0.00	43.66 2.47 0.00	43.65 2.47 0.00	43.46 2.42 0.00	45.89 2.56 0.00	66.79 3.78 0.00	79.53 3.64 0.00	64.98 3.39 0.00	59.64 3.27 0.00	56.39 3.34 0.00	54.51 3.28 0.00	54.46 3.42 0.00	55.22 3.42 0.00	56.23 3.48 0.00	63.94 3.68 0.00	73.76 4.44 0.00	93.70 5.47 0.00	83.10 4.55 0.00	70.30 3.60 0.00	63.22 3.24 0.00	59.25 3.03 0.00	54.47 3.03 0.00	50.66 2.69 0.00
RAVENSWOOD___3 23535	46.93 2.83 0.00	45.84 2.59 0.00	43.54 2.35 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.80 2.47 0.00	66.92 3.91 0.00	79.75 3.87 0.00	65.04 3.45 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.30 3.07 0.00	54.21 3.17 0.00	55.02 3.21 0.00	56.02 3.27 0.00	63.82 3.55 0.00	73.82 4.50 0.00	93.88 5.65 0.00	83.26 4.71 0.00	70.44 3.73 0.00	63.16 3.18 0.00	59.19 2.98 0.00	54.27 2.83 0.00	50.47 2.49 0.00
RAVENSWOOD___4 23820	47.11 3.00 0.00	46.02 2.77 0.00	43.66 2.47 0.00	43.65 2.47 0.00	43.46 2.42 0.00	45.89 2.56 0.00	66.79 3.78 0.00	79.53 3.64 0.00	64.98 3.39 0.00	59.58 3.21 0.00	56.39 3.34 0.00	54.51 3.28 0.00	54.41 3.37 0.00	55.22 3.42 0.00	56.18 3.43 0.00	63.94 3.68 0.00	73.76 4.44 0.00	93.70 5.47 0.00	83.10 4.55 0.00	70.30 3.60 0.00	63.22 3.24 0.00	59.25 3.03 0.00	54.42 2.98 0.00	50.61 2.64 0.00
RCPL_TRUST___DRP 24196	46.89 2.78 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.80 2.47 0.00	67.04 4.03 0.00	79.91 4.02 0.00	65.05 3.45 0.00	59.58 3.21 0.00	56.23 3.18 0.00	54.30 3.07 0.00	54.21 3.16 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.94 3.68 0.00	74.03 4.71 0.00	94.05 5.82 0.00	83.42 4.87 0.00	70.51 3.80 0.00	63.23 3.24 0.00	59.14 2.92 0.00	54.32 2.88 0.00	50.47 2.49 0.00
RED___ROCHESTER 323720	42.17 -1.94 0.00	40.95 -2.29 0.00	39.30 -1.89 0.00	39.16 -2.02 0.00	39.03 -2.01 0.00	41.25 -2.08 0.00	59.73 -3.28 0.00	72.47 -3.41 0.00	58.27 -3.33 0.00	53.66 -2.70 0.00	50.29 -2.76 0.00	48.87 -2.36 0.00	48.44 -2.60 0.00	49.22 -2.59 0.00	50.21 -2.53 0.00	57.24 -3.01 0.01	65.49 -3.81 0.01	84.44 -3.79 0.00	74.93 -3.61 0.00	63.97 -2.74 0.00	57.71 -2.28 0.00	53.68 -2.53 0.00	49.23 -2.21 0.00	45.82 -2.16 0.00
REGAN___SOLAR 323812	45.56 1.45 0.00	44.76 1.51 0.00	42.67 1.48 0.00	42.62 1.44 0.00	42.48 1.44 0.00	45.02 1.69 0.00	65.91 2.90 0.00	78.92 3.04 0.00	62.95 1.35 0.00	56.82 0.45 0.00	53.37 0.32 0.00	51.33 0.10 0.00	51.14 0.10 0.00	52.01 0.21 0.00	53.33 0.58 0.00	61.89 1.63 0.00	71.95 2.63 0.00	91.85 3.62 0.00	81.92 3.38 0.00	69.30 2.60 0.00	62.14 2.16 0.00	58.23 2.02 0.00	53.24 1.80 0.00	49.56 1.58 0.00
RENSSELAER___COGEN 23796	45.30 1.19 0.00	44.45 1.21 0.00	42.30 1.11 0.00	42.29 1.11 0.00	42.11 1.07 0.00	44.45 1.12 0.00	64.08 1.07 0.00	76.64 0.76 0.00	62.34 0.74 0.00	56.99 0.62 0.00	53.79 0.74 0.00	51.89 0.66 0.00	51.76 0.71 0.00	52.53 0.72 0.00	53.49 0.74 0.00	61.11 0.84 0.00	70.63 1.31 0.00	89.11 0.88 0.00	79.49 0.95 0.00	67.51 0.80 0.00	60.65 0.66 0.00	57.00 0.79 0.00	52.41 0.97 0.00	48.94 0.96 0.00
REPUBLIC_115KV_BARTNBK 55605	48.87 4.76 0.00	48.05 4.80 0.00	45.88 4.70 0.00	45.79 4.61 0.00	45.56 4.51 0.00	47.32 3.99 0.00	69.18 6.17 0.00	82.56 6.68 0.00	66.77 5.17 0.00	60.82 4.45 0.00	57.40 4.35 0.00	54.97 3.74 0.00	54.56 3.52 0.00	55.28 3.47 0.00	56.39 3.64 0.00	64.90 4.64 0.00	75.41 6.10 0.00	96.08 7.85 0.00	85.85 7.30 0.00	72.44 5.74 0.00	65.15 5.16 0.00	60.88 4.67 0.00	55.81 4.37 0.00	51.96 3.98 0.00
REVERE_CPPR_DRP 24186	45.08 0.97 0.00	44.20 0.95 0.00	42.10 0.91 0.00	42.08 0.91 0.00	41.99 0.94 0.00	44.46 1.13 0.00	64.90 1.89 0.00	81.12 5.24 0.00	65.11 3.51 0.00	59.13 2.76 0.00	55.65 2.60 0.00	53.59 2.36 0.00	53.34 2.30 0.00	54.19 2.38 0.00	55.23 2.48 0.00	63.46 3.19 0.00	73.34 4.02 0.00	91.23 3.00 0.00	80.90 2.36 0.00	68.51 1.80 0.00	61.91 1.92 0.00	57.79 1.57 0.00	52.88 1.44 0.00	49.32 1.34 0.00
REYNLDPA_13_KV_LD 356490	44.64 0.53 0.00	43.85 0.61 0.00	41.69 0.50 0.00	41.75 0.58 0.00	41.62 0.57 0.00	43.89 0.56 0.00	63.89 0.88 0.00	77.55 1.67 0.00	62.89 1.30 0.00	57.55 1.19 0.00	54.11 1.06 0.00	52.31 1.08 0.00	52.11 1.07 0.00	52.79 0.98 0.00	53.70 0.95 0.00	61.35 1.09 0.00	70.15 0.83 0.00	89.47 1.23 0.00	79.57 1.02 0.00	67.64 0.93 0.00	61.07 1.08 0.00	57.34 1.12 0.00	52.47 1.03 0.00	49.03 1.05 0.00
REYNOLDS_115KV_TB3 80639	45.52 1.41 0.00	44.59 1.34 0.00	42.51 1.32 0.00	42.50 1.32 0.00	42.32 1.27 0.00	44.63 1.30 0.00	64.46 1.45 0.00	77.10 1.21 0.00	62.71 1.11 0.00	57.33 0.96 0.00	54.11 1.06 0.00	52.20 0.97 0.00	52.06 1.02 0.00	52.84 1.04 0.00	53.80 1.05 0.00	61.53 1.27 0.00	71.05 1.73 0.00	89.82 1.59 0.00	80.04 1.49 0.00	67.97 1.27 0.00	61.07 1.08 0.00	57.28 1.07 0.00	52.62 1.18 0.00	49.08 1.10 0.00
RIVERBAY____ 323610	47.59 3.48 0.00	46.45 3.20 0.00	44.07 2.88 0.00	44.10 2.92 0.00	43.92 2.87 0.00	46.28 2.95 0.00	67.36 4.35 0.00	80.13 4.25 0.00	65.42 3.82 0.00	59.97 3.61 0.00	56.76 3.71 0.00	54.87 3.64 0.00	54.77 3.73 0.00	55.59 3.78 0.00	56.55 3.80 0.00	64.42 4.16 0.00	74.37 5.06 0.00	94.41 6.18 0.00	83.73 5.18 0.00	70.84 4.14 0.00	63.71 3.72 0.00	59.70 3.49 0.00	54.99 3.55 0.00	51.10 3.12 0.00
RIVERSDE_115KV_TB3 55908	45.43 1.32 0.00	44.54 1.30 0.00	42.47 1.28 0.00	42.45 1.28 0.00	42.28 1.23 0.00	44.59 1.26 0.00	64.33 1.32 0.00	76.87 0.99 0.00	62.58 0.99 0.00	57.21 0.85 0.00	54.01 0.95 0.00	52.10 0.87 0.00	51.96 0.92 0.00	52.79 0.98 0.00	53.70 0.95 0.00	61.41 1.14 0.00	70.98 1.66 0.00	89.55 1.32 0.00	79.88 1.34 0.00	67.77 1.07 0.00	60.95 0.96 0.00	57.17 0.96 0.00	52.62 1.18 0.00	49.08 1.10 0.00
ROARING___BROOK_WT_PWR 323790	43.32 -0.79 0.00	42.60 -0.65 0.00	40.65 -0.54 0.00	40.73 -0.45 0.00	40.67 -0.37 0.00	42.98 -0.35 0.00	62.63 -0.38 0.00	75.58 -0.30 0.00	61.41 -0.18 0.00	56.14 -0.22 0.00	52.79 -0.26 0.00	50.97 -0.25 0.00	50.74 -0.30 0.00	51.39 -0.42 0.00	52.27 -0.48 0.00	59.78 -0.48 0.00	68.69 -0.63 0.00	87.52 -0.71 0.00	77.84 -0.71 0.00	66.10 -0.60 0.00	59.57 -0.42 0.00	55.88 -0.34 0.00	51.18 -0.26 0.00	47.79 -0.19 0.00

ROCHESRG_115KV_T4 355643	41.51 -2.60 0.00	40.52 -2.72 0.00	38.84 -2.35 0.00	38.62 -2.55 0.00	38.42 -2.63 0.00	40.86 -2.47 0.00	58.98 -4.03 0.00	71.56 -4.33 0.00	57.59 -4.00 0.00	53.04 -3.33 0.00	49.71 -3.34 0.00	48.21 -3.02 0.00	47.88 -3.16 0.00	48.59 -3.21 0.00	49.58 -3.16 0.00	56.28 -3.98 0.01	64.11 -5.20 0.01	82.85 -5.38 0.00	73.76 -4.79 0.00	62.90 -3.80 0.00	56.81 -3.18 0.00	52.95 -3.26 0.00	48.35 -3.09 0.00	45.29 -2.69 0.00
ROCHESTER_9_IC 23652	41.77 -2.34 0.00	40.74 -2.51 0.00	39.09 -2.10 0.00	38.83 -2.35 0.00	38.66 -2.38 0.00	41.08 -2.25 0.00	59.36 -3.65 0.00	72.17 -3.72 0.00	58.02 -3.57 0.00	53.44 -2.93 0.00	50.08 -2.97 0.00	48.62 -2.61 0.00	48.18 -2.86 0.00	48.96 -2.85 0.00	50.00 -2.74 0.00	56.70 -3.56 0.01	64.66 -4.64 0.01	83.64 -4.59 0.00	74.38 -4.16 0.00	63.44 -3.27 0.00	57.29 -2.70 0.00	53.40 -2.81 0.00	48.71 -2.73 0.00	45.58 -2.40 0.00
ROCKVIEW_13_KV_LD 356306	46.80 2.69 0.00	45.71 2.46 0.00	43.41 2.22 0.00	43.44 2.26 0.00	43.26 2.22 0.00	45.76 2.43 0.00	66.98 3.97 0.00	79.83 3.95 0.00	64.98 3.39 0.00	59.47 3.10 0.00	56.02 2.97 0.00	54.15 2.92 0.00	54.05 3.01 0.00	54.91 3.11 0.00	55.86 3.11 0.00	63.76 3.50 0.00	73.82 4.51 0.00	93.88 5.65 0.00	83.42 4.87 0.00	70.57 3.87 0.00	63.23 3.24 0.00	59.14 2.92 0.00	54.22 2.78 0.00	50.38 2.40 0.00
ROME____115KV_TB2 80656	45.08 0.97 0.00	44.20 0.95 0.00	42.10 0.91 0.00	42.08 0.91 0.00	41.99 0.94 0.00	44.46 1.13 0.00	64.90 1.89 0.00	81.12 5.24 0.00	65.11 3.51 0.00	59.13 2.76 0.00	55.65 2.60 0.00	53.59 2.36 0.00	53.34 2.30 0.00	54.19 2.38 0.00	55.23 2.48 0.00	63.46 3.19 0.00	73.34 4.02 0.00	91.23 3.00 0.00	80.90 2.36 0.00	68.51 1.80 0.00	61.91 1.92 0.00	57.79 1.57 0.00	52.88 1.44 0.00	49.32 1.34 0.00
ROSETON___1 23587	46.14 2.03 0.00	45.15 1.90 0.00	42.92 1.73 0.00	42.91 1.73 0.00	42.77 1.72 0.00	45.15 1.82 0.00	65.97 2.96 0.00	78.69 2.81 0.00	64.06 2.47 0.00	58.56 2.20 0.00	55.23 2.18 0.00	53.33 2.10 0.00	53.23 2.19 0.00	54.03 2.23 0.00	55.02 2.27 0.00	62.74 2.47 0.00	72.57 3.26 0.00	92.29 4.06 0.00	82.08 3.54 0.00	69.51 2.80 0.00	62.32 2.34 0.00	58.35 2.14 0.00	53.39 1.95 0.00	49.75 1.78 0.00
ROSETON___2 23588	46.14 2.03 0.00	45.15 1.90 0.00	42.92 1.73 0.00	42.91 1.73 0.00	42.77 1.72 0.00	45.15 1.82 0.00	65.97 2.96 0.00	78.69 2.81 0.00	64.06 2.47 0.00	58.56 2.20 0.00	55.23 2.18 0.00	53.33 2.10 0.00	53.23 2.19 0.00	54.03 2.23 0.00	55.02 2.27 0.00	62.74 2.47 0.00	72.57 3.26 0.00	92.29 4.06 0.00	82.08 3.54 0.00	69.51 2.80 0.00	62.32 2.34 0.00	58.35 2.14 0.00	53.39 1.95 0.00	49.75 1.78 0.00
ROTRRDAM_115KV_TB3 80664	45.39 1.28 0.00	44.50 1.25 0.00	42.43 1.24 0.00	42.37 1.19 0.00	42.23 1.19 0.00	44.46 1.13 0.00	64.71 1.70 0.00	77.55 1.67 0.00	62.89 1.29 0.00	57.44 1.07 0.00	54.11 1.06 0.00	52.20 0.97 0.00	52.01 0.97 0.00	52.79 0.98 0.00	53.80 1.05 0.00	61.59 1.33 0.00	71.12 1.80 0.00	90.35 2.12 0.00	80.51 1.96 0.00	68.30 1.60 0.00	61.37 1.38 0.00	57.45 1.24 0.00	52.57 1.13 0.00	49.03 1.06 0.00
RUSSELL___1 23602	41.90 -2.21 0.00	40.87 -2.38 0.00	39.21 -1.98 0.00	38.99 -2.18 0.00	38.79 -2.26 0.00	41.25 -2.08 0.00	59.61 -3.40 0.00	72.47 -3.41 0.00	58.27 -3.33 0.00	53.66 -2.71 0.00	50.29 -2.76 0.00	48.87 -2.36 0.00	48.44 -2.60 0.00	49.16 -2.64 0.00	50.21 -2.53 0.00	57.00 -3.25 0.01	65.01 -4.30 0.01	84.08 -4.15 0.00	74.78 -3.77 0.00	63.77 -2.93 0.00	57.59 -2.40 0.00	53.68 -2.53 0.00	48.92 -2.52 0.00	45.77 -2.21 0.00
RUSSELL___2 23532	41.90 -2.21 0.00	40.87 -2.38 0.00	39.21 -1.98 0.00	38.99 -2.18 0.00	38.79 -2.26 0.00	41.25 -2.08 0.00	59.61 -3.40 0.00	72.47 -3.41 0.00	58.27 -3.33 0.00	53.66 -2.71 0.00	50.29 -2.76 0.00	48.87 -2.36 0.00	48.44 -2.60 0.00	49.16 -2.64 0.00	50.21 -2.53 0.00	57.00 -3.25 0.01	65.01 -4.30 0.01	84.08 -4.15 0.00	74.78 -3.77 0.00	63.77 -2.93 0.00	57.59 -2.40 0.00	53.68 -2.53 0.00	48.92 -2.52 0.00	45.77 -2.21 0.00
RUSSELL___3 23549	41.90 -2.21 0.00	40.87 -2.38 0.00	39.21 -1.98 0.00	38.99 -2.18 0.00	38.79 -2.26 0.00	41.25 -2.08 0.00	59.61 -3.40 0.00	72.47 -3.41 0.00	58.27 -3.33 0.00	53.66 -2.71 0.00	50.29 -2.76 0.00	48.87 -2.36 0.00	48.44 -2.60 0.00	49.16 -2.64 0.00	50.21 -2.53 0.00	57.00 -3.25 0.01	65.01 -4.30 0.01	84.08 -4.15 0.00	74.78 -3.77 0.00	63.77 -2.93 0.00	57.59 -2.40 0.00	53.68 -2.53 0.00	48.92 -2.52 0.00	45.77 -2.21 0.00
RUSSELL___4 23556	41.90 -2.21 0.00	40.87 -2.38 0.00	39.21 -1.98 0.00	38.99 -2.18 0.00	38.79 -2.26 0.00	41.25 -2.08 0.00	59.61 -3.40 0.00	72.47 -3.41 0.00	58.27 -3.33 0.00	53.66 -2.71 0.00	50.29 -2.76 0.00	48.87 -2.36 0.00	48.44 -2.60 0.00	49.16 -2.64 0.00	50.21 -2.53 0.00	57.00 -3.25 0.01	65.01 -4.30 0.01	84.08 -4.15 0.00	74.78 -3.77 0.00	63.77 -2.93 0.00	57.59 -2.40 0.00	53.68 -2.53 0.00	48.92 -2.52 0.00	45.77 -2.21 0.00
RUSSELL___STATION 23914	41.90 -2.21 0.00	40.87 -2.38 0.00	39.21 -1.98 0.00	38.99 -2.18 0.00	38.79 -2.26 0.00	41.25 -2.08 0.00	59.61 -3.40 0.00	72.47 -3.41 0.00	58.27 -3.33 0.00	53.66 -2.71 0.00	50.29 -2.76 0.00	48.87 -2.36 0.00	48.44 -2.60 0.00	49.16 -2.64 0.00	50.21 -2.53 0.00	57.00 -3.25 0.01	65.01 -4.30 0.01	84.08 -4.15 0.00	74.78 -3.77 0.00	63.77 -2.93 0.00	57.59 -2.40 0.00	53.68 -2.53 0.00	48.92 -2.52 0.00	45.77 -2.21 0.00
S SALMON___HYD 24043	43.01 -1.10 0.00	42.12 -1.12 0.00	40.12 -1.07 0.00	40.11 -1.07 0.00	39.94 -1.11 0.00	42.16 -1.17 0.00	61.37 -1.64 0.00	74.37 -1.52 0.00	60.06 -1.54 0.00	54.85 -1.52 0.00	51.62 -1.43 0.00	49.85 -1.38 0.00	49.61 -1.43 0.00	50.41 -1.40 0.00	51.27 -1.48 0.00	58.58 -1.69 0.00	67.37 -1.94 0.00	86.11 -2.12 0.00	76.66 -1.89 0.00	65.10 -1.60 0.00	58.72 -1.26 0.00	54.92 -1.29 0.00	50.26 -1.18 0.00	46.88 -1.10 0.00
S.PERRY___115KV_TB1 80734	42.21 -1.90 0.00	41.08 -2.16 0.00	39.46 -1.73 0.00	39.16 -2.02 0.00	39.03 -2.01 0.00	41.51 -1.82 0.00	60.36 -2.65 0.00	73.61 -2.28 0.00	58.39 -3.20 0.00	53.27 -3.10 0.00	49.71 -3.34 0.00	48.05 -3.18 0.00	47.62 -3.42 0.00	48.33 -3.47 0.00	49.41 -3.32 0.02	54.51 -5.73 0.03	62.70 -6.58 0.03	81.61 -6.62 0.00	72.89 -5.66 0.00	62.30 -4.40 0.00	56.33 -3.66 0.00	54.41 -1.80 0.00	49.48 -1.95 0.00	46.35 -1.63 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.92 -4.19 0.00	38.88 -4.37 0.00	37.28 -3.91 0.00	36.98 -4.20 0.00	36.78 -4.27 0.00	39.26 -4.07 0.00	56.27 -6.74 0.00	68.30 -7.59 0.00	54.57 -7.02 0.00	50.56 -5.81 0.00	47.32 -5.73 0.00	45.90 -5.33 0.00	45.58 -5.46 0.00	46.21 -5.59 0.00	47.20 -5.54 0.01	53.68 -6.57 0.02	60.91 -8.39 0.02	78.61 -9.62 0.00	70.22 -8.33 0.00	59.97 -6.74 0.00	54.47 -5.52 0.00	50.65 -5.57 0.00	46.50 -4.94 0.00	43.51 -4.46 0.00

SAWYER___23_KV_LOAD 55526	39.92 -4.19 0.00	38.88 -4.37 0.00	37.28 -3.91 0.00	36.98 -4.20 0.00	36.78 -4.27 0.00	39.26 -4.07 0.00	56.27 -6.74 0.00	68.30 -7.59 0.00	54.57 -7.02 0.00	50.56 -5.81 0.00	47.32 -5.73 0.00	45.90 -5.33 0.00	45.58 -5.46 0.00	46.21 -5.59 0.00	47.20 -5.54 0.01	53.68 -6.57 0.02	60.91 -8.39 0.02	78.61 -9.62 0.00	70.22 -8.33 0.00	59.97 -6.74 0.00	54.47 -5.52 0.00	50.65 -5.57 0.00	46.50 -4.94 0.00	43.51 -4.46 0.00
SELKIRK___I 23801	45.48 1.37 0.00	44.67 1.42 0.00	42.55 1.36 0.00	42.49 1.32 0.00	42.32 1.27 0.00	44.67 1.34 0.00	64.65 1.64 0.00	77.32 1.44 0.00	62.76 1.17 0.00	57.27 0.90 0.00	54.01 0.96 0.00	52.10 0.87 0.00	51.91 0.87 0.00	52.74 0.93 0.00	53.75 1.00 0.00	61.53 1.27 0.00	71.05 1.73 0.00	89.99 1.76 0.00	80.27 1.73 0.00	68.11 1.40 0.00	61.19 1.20 0.00	57.45 1.24 0.00	52.72 1.29 0.00	49.22 1.25 0.00
SELKIRK___II 23799	45.21 1.10 0.00	44.37 1.12 0.00	42.22 1.03 0.00	42.21 1.03 0.00	42.03 0.98 0.00	44.37 1.04 0.00	64.20 1.19 0.00	76.80 0.91 0.00	62.46 0.86 0.00	57.05 0.68 0.00	53.85 0.80 0.00	51.95 0.72 0.00	51.81 0.77 0.00	52.58 0.78 0.00	53.54 0.79 0.00	61.17 0.91 0.00	70.63 1.31 0.00	89.37 1.14 0.00	79.65 1.10 0.00	67.64 0.93 0.00	60.76 0.78 0.00	57.06 0.84 0.00	52.37 0.93 0.00	48.89 0.91 0.00
SENECA OSWGO___HYD 24041	42.65 -1.45 0.00	41.73 -1.51 0.00	39.79 -1.40 0.00	39.74 -1.44 0.00	39.61 -1.44 0.00	41.86 -1.47 0.00	60.80 -2.21 0.00	73.38 -2.50 0.00	59.50 -2.09 0.00	54.45 -1.92 0.00	51.19 -1.86 0.00	49.43 -1.79 0.00	49.25 -1.79 0.00	50.04 -1.76 0.00	51.01 -1.74 0.00	58.28 -1.99 0.00	66.96 -2.36 0.00	85.40 -2.83 0.00	76.03 -2.52 0.00	64.64 -2.07 0.00	58.13 -1.86 0.00	54.36 -1.85 0.00	49.69 -1.75 0.00	46.35 -1.63 0.00
SENECA___115KV_TB3 355854	40.58 -3.53 0.00	39.22 -4.02 0.00	37.65 -3.54 0.00	37.55 -3.62 0.00	37.39 -3.65 0.00	39.56 -3.77 0.00	57.02 -5.99 0.00	69.05 -6.83 0.00	55.07 -6.53 0.00	50.96 -5.41 0.00	47.69 -5.36 0.00	46.21 -5.02 0.00	45.94 -5.10 0.00	46.62 -5.18 0.00	47.52 -5.22 0.01	54.22 -6.03 0.02	61.60 -7.70 0.02	79.76 -8.47 0.00	71.08 -7.46 0.00	60.77 -5.94 0.00	55.13 -4.86 0.00	51.15 -5.06 0.00	47.43 -4.01 0.00	44.00 -3.98 0.00
SENECA___ENERGY 23797	42.87 -1.23 0.00	41.82 -1.43 0.00	39.95 -1.23 0.00	39.90 -1.28 0.00	39.77 -1.27 0.00	42.07 -1.26 0.00	61.18 -1.83 0.00	73.99 -1.89 0.00	59.87 -1.72 0.00	54.85 -1.52 0.00	51.46 -1.59 0.00	49.74 -1.49 0.00	49.46 -1.58 0.00	50.30 -1.50 0.00	51.33 -1.42 0.00	58.52 -1.75 0.00	67.17 -2.15 0.00	86.03 -2.20 0.00	76.59 -1.96 0.00	65.17 -1.53 0.00	58.61 -1.38 0.00	54.70 -1.52 0.00	49.94 -1.49 0.00	46.58 -1.39 0.00
SHOEMAKER___GT 23640	45.92 1.81 0.00	44.98 1.73 0.00	42.75 1.56 0.00	42.78 1.60 0.00	42.60 1.56 0.00	45.02 1.69 0.00	65.72 2.71 0.00	78.47 2.58 0.00	63.69 2.10 0.00	58.22 1.86 0.00	54.86 1.80 0.00	52.97 1.74 0.00	52.88 1.83 0.00	53.67 1.86 0.00	54.65 1.90 0.00	62.43 2.17 0.00	72.23 2.91 0.00	91.94 3.71 0.00	81.84 3.30 0.00	69.30 2.60 0.00	62.21 2.22 0.00	58.18 1.97 0.00	53.29 1.85 0.00	49.61 1.63 0.00
SHOEMAKR_138KV_BK 111 55601	45.96 1.85 0.00	44.97 1.73 0.00	42.75 1.57 0.00	42.78 1.61 0.00	42.64 1.60 0.00	45.02 1.69 0.00	65.78 2.77 0.00	78.54 2.66 0.00	63.75 2.16 0.00	58.28 1.92 0.00	54.91 1.86 0.00	53.02 1.79 0.00	52.93 1.89 0.00	53.77 1.97 0.00	54.70 1.95 0.00	62.55 2.29 0.00	72.43 3.12 0.00	92.11 3.88 0.00	81.92 3.38 0.00	69.37 2.67 0.00	62.21 2.22 0.00	58.24 2.02 0.00	53.34 1.90 0.00	49.61 1.63 0.00
SHOREHAM_IC_1 23715	47.86 3.75 0.00	46.62 3.38 0.00	44.19 3.01 0.00	44.10 2.92 0.00	44.04 2.99 0.00	46.80 3.47 0.00	68.80 5.79 0.00	79.30 3.42 0.00	66.28 4.68 0.00	60.37 4.00 0.00	55.60 2.55 0.00	53.64 2.41 0.00	53.80 2.75 0.00	55.28 3.47 0.00	56.50 3.75 0.00	63.82 3.55 0.00	75.06 5.75 0.00	95.37 7.14 0.00	85.31 6.76 -0.01	72.18 5.47 -0.01	64.18 4.20 0.00	60.09 3.88 0.00	54.21 2.78 0.00	51.38 3.41 0.00
SHOREHAM_IC_2 23716	47.86 3.75 0.00	46.57 3.33 0.00	44.16 2.97 0.00	44.06 2.88 0.00	44.04 3.00 0.00	46.80 3.47 0.00	68.81 5.80 0.00	79.60 3.72 0.00	66.28 4.68 0.00	60.37 4.00 0.00	55.60 2.55 0.00	53.64 2.41 0.00	53.80 2.76 0.00	55.28 3.47 0.00	56.50 3.75 0.00	64.18 3.92 0.00	75.28 5.96 0.00	95.91 7.68 0.00	85.39 6.83 -0.01	72.32 5.60 -0.01	64.19 4.20 0.00	60.09 3.88 0.00	54.58 3.14 0.00	51.43 3.45 0.00
SISSONVILLE____ 23735	44.68 0.57 0.00	43.98 0.74 0.00	41.72 0.54 0.00	41.84 0.66 0.00	41.74 0.70 0.00	44.02 0.69 0.00	64.27 1.26 0.00	78.31 2.43 0.00	63.26 1.66 0.00	57.72 1.35 0.00	54.27 1.22 0.00	52.41 1.18 0.00	52.16 1.12 0.00	52.84 1.04 0.00	53.75 1.00 0.00	61.23 0.96 0.00	69.52 0.21 0.00	88.58 0.35 0.00	78.70 0.16 0.00	67.10 0.40 0.00	61.31 1.32 0.00	57.73 1.52 0.00	52.78 1.34 0.00	49.32 1.34 0.00
SITHE_IND_GS1 24169	42.26 -1.85 0.00	41.39 -1.86 0.00	39.46 -1.73 0.00	39.45 -1.73 0.00	39.32 -1.72 0.00	41.51 -1.82 0.00	60.24 -2.77 0.00	72.62 -3.26 0.00	58.95 -2.65 0.00	53.95 -2.42 0.00	50.72 -2.33 0.00	48.98 -2.25 0.00	48.80 -2.24 0.00	49.58 -2.23 0.00	50.48 -2.27 0.00	57.67 -2.59 0.00	66.27 -3.05 0.00	84.53 -3.70 0.00	75.25 -3.30 0.00	63.97 -2.74 0.00	57.53 -2.46 0.00	53.80 -2.42 0.00	49.28 -2.16 0.00	45.92 -2.06 0.00
SITHE_IND_GS2 24170	42.26 -1.85 0.00	41.39 -1.86 0.00	39.46 -1.73 0.00	39.45 -1.73 0.00	39.32 -1.72 0.00	41.51 -1.82 0.00	60.24 -2.77 0.00	72.62 -3.26 0.00	58.95 -2.65 0.00	53.95 -2.42 0.00	50.72 -2.33 0.00	48.98 -2.25 0.00	48.80 -2.24 0.00	49.58 -2.23 0.00	50.48 -2.27 0.00	57.67 -2.59 0.00	66.27 -3.05 0.00	84.53 -3.70 0.00	75.25 -3.30 0.00	63.97 -2.74 0.00	57.53 -2.46 0.00	53.80 -2.42 0.00	49.28 -2.16 0.00	45.92 -2.06 0.00
SITHE_IND_GS3 24171	42.26 -1.85 0.00	41.39 -1.86 0.00	39.46 -1.73 0.00	39.45 -1.73 0.00	39.32 -1.72 0.00	41.51 -1.82 0.00	60.24 -2.77 0.00	72.62 -3.26 0.00	58.95 -2.65 0.00	53.95 -2.42 0.00	50.72 -2.33 0.00	48.98 -2.25 0.00	48.80 -2.24 0.00	49.58 -2.23 0.00	50.48 -2.27 0.00	57.67 -2.59 0.00	66.27 -3.05 0.00	84.53 -3.70 0.00	75.25 -3.30 0.00	63.97 -2.74 0.00	57.53 -2.46 0.00	53.80 -2.42 0.00	49.28 -2.16 0.00	45.92 -2.06 0.00
SITHE_IND_GS4 24172	42.26 -1.85 0.00	41.39 -1.86 0.00	39.46 -1.73 0.00	39.45 -1.73 0.00	39.32 -1.72 0.00	41.51 -1.82 0.00	60.24 -2.77 0.00	72.62 -3.26 0.00	58.95 -2.65 0.00	53.95 -2.42 0.00	50.72 -2.33 0.00	48.98 -2.25 0.00	48.80 -2.24 0.00	49.58 -2.23 0.00	50.48 -2.27 0.00	57.67 -2.59 0.00	66.27 -3.05 0.00	84.53 -3.70 0.00	75.25 -3.30 0.00	63.97 -2.74 0.00	57.53 -2.46 0.00	53.80 -2.42 0.00	49.28 -2.16 0.00	45.92 -2.06 0.00

SITHE___BATAVIA 24024	41.51 -2.60 0.00	40.05 -3.20 0.00	38.55 -2.64 0.00	38.50 -2.68 0.00	38.29 -2.75 0.00	40.56 -2.77 0.00	58.60 -4.41 0.00	71.33 -4.55 0.00	56.98 -4.62 0.00	52.48 -3.89 0.00	49.07 -3.98 0.00	47.64 -3.59 0.00	47.16 -3.88 0.00	47.92 -3.89 0.00	48.94 -3.80 0.01	55.79 -4.46 0.01	63.62 -5.68 0.01	82.58 -5.65 0.00	73.44 -5.10 0.00	62.83 -3.87 0.00	56.57 -3.42 0.00	52.50 -3.71 0.00	48.35 -3.08 0.00	45.00 -2.97 0.00
SITHE___INDEPEND 23800	42.26 -1.85 0.00	41.39 -1.86 0.00	39.46 -1.73 0.00	39.41 -1.77 0.00	39.28 -1.76 0.00	41.51 -1.82 0.00	60.24 -2.77 0.00	72.62 -3.26 0.00	58.95 -2.65 0.00	53.94 -2.42 0.00	50.72 -2.33 0.00	48.97 -2.25 0.00	48.80 -2.25 0.00	49.58 -2.23 0.00	50.48 -2.27 0.00	57.61 -2.65 0.00	66.20 -3.12 0.00	84.44 -3.79 0.00	75.17 -3.38 0.00	63.97 -2.73 0.00	57.53 -2.46 0.00	53.80 -2.42 0.00	49.23 -2.21 0.00	45.91 -2.06 0.00
SITHE___MASSENA 23902	44.77 0.66 0.00	44.02 0.78 0.00	41.81 0.62 0.00	41.88 0.70 0.00	41.78 0.74 0.00	44.07 0.74 0.00	64.20 1.19 0.00	77.93 2.05 0.00	63.14 1.54 0.00	57.78 1.41 0.00	54.27 1.22 0.00	52.46 1.23 0.00	52.26 1.22 0.00	52.94 1.14 0.00	53.86 1.11 0.00	61.53 1.27 0.00	70.28 0.97 0.00	89.64 1.41 0.00	79.73 1.18 0.00	67.84 1.13 0.00	61.31 1.32 0.00	57.62 1.41 0.00	52.67 1.23 0.00	49.22 1.25 0.00
SITHE___OGDNSBRG 24021	45.43 1.32 0.00	44.72 1.47 0.00	42.43 1.24 0.00	42.54 1.36 0.00	42.44 1.40 0.00	44.76 1.43 0.00	65.34 2.33 0.00	79.60 3.72 0.00	64.12 2.53 0.00	58.40 2.03 0.00	54.80 1.75 0.00	52.87 1.64 0.00	52.62 1.58 0.00	53.36 1.55 0.00	54.28 1.53 0.00	62.07 1.81 0.00	70.98 1.66 0.00	90.97 2.74 0.00	80.98 2.43 0.00	68.77 2.07 0.00	62.51 2.52 0.00	58.69 2.47 0.00	53.65 2.21 0.00	50.14 2.16 0.00
SITHE___STERLING 23777	44.81 0.70 0.00	43.89 0.65 0.00	41.85 0.66 0.00	41.83 0.66 0.00	41.74 0.70 0.00	44.15 0.82 0.00	64.39 1.38 0.00	77.17 1.29 0.00	62.40 0.80 0.00	56.99 0.62 0.00	53.58 0.53 0.00	51.74 0.51 0.00	51.50 0.46 0.00	52.27 0.47 0.00	53.28 0.53 0.00	60.93 0.66 0.00	70.22 0.90 0.00	90.34 2.11 0.00	80.27 1.73 0.00	68.04 1.33 0.00	61.37 1.38 0.00	57.28 1.07 0.00	52.41 0.97 0.00	48.89 0.91 0.00
SLEIGHT__34_KV_TB1 80719	41.99 -2.12 0.00	41.04 -2.21 0.00	39.25 -1.94 0.00	39.08 -2.10 0.00	38.95 -2.09 0.00	41.34 -1.99 0.00	59.99 -3.02 0.00	72.85 -3.04 0.00	58.76 -2.83 0.00	53.94 -2.42 0.00	50.56 -2.49 0.00	48.97 -2.25 0.00	48.64 -2.40 0.00	49.47 -2.33 0.00	50.48 -2.27 0.00	57.43 -2.83 0.00	65.64 -3.67 0.00	84.52 -3.71 0.00	75.17 -3.38 0.00	64.04 -2.67 0.00	57.65 -2.34 0.00	53.80 -2.42 0.00	48.97 -2.47 0.00	45.82 -2.16 0.00
SMITHTWN_69_KV_BK 1 55830	47.77 3.66 0.00	46.53 3.29 0.00	44.07 2.88 0.00	44.02 2.84 0.00	43.96 2.91 0.00	46.71 3.38 0.00	68.74 5.73 0.00	79.53 3.64 0.00	66.34 4.74 0.00	60.43 4.06 0.00	55.60 2.55 0.00	53.74 2.51 0.00	53.85 2.81 0.00	55.28 3.47 0.00	56.44 3.69 0.00	64.06 3.80 0.00	75.00 5.68 0.00	95.55 7.32 0.00	85.07 6.52 -0.01	71.98 5.27 -0.01	64.01 4.02 0.00	59.87 3.65 0.00	54.47 3.03 0.00	51.34 3.36 0.00
SOUTH CAIRO___GT 23612	46.18 2.07 0.00	45.36 2.12 0.00	43.17 1.98 0.00	43.24 2.06 0.00	43.01 1.97 0.00	45.50 2.17 0.00	65.91 2.90 0.00	78.54 2.66 0.00	63.38 1.79 0.00	57.49 1.13 0.00	54.11 1.06 0.00	52.10 0.87 0.00	52.01 0.97 0.00	52.84 1.04 0.00	53.86 1.11 0.00	62.07 1.81 0.00	72.09 2.77 0.00	91.76 3.53 0.00	82.08 3.53 0.00	69.51 2.80 0.00	62.21 2.22 0.00	58.46 2.25 0.00	53.70 2.26 0.00	49.99 2.02 0.00
SOUTH HAMPTN___IC 23720	47.94 3.84 0.00	46.71 3.46 0.00	44.28 3.09 0.00	44.18 3.00 0.00	44.12 3.08 0.00	46.92 3.59 0.00	68.87 5.86 0.00	79.45 3.57 0.00	66.34 4.74 0.00	60.43 4.06 0.00	55.75 2.70 0.00	53.74 2.51 0.00	53.85 2.81 0.00	55.43 3.63 0.00	56.65 3.90 0.00	64.00 3.74 0.00	75.42 6.10 0.00	95.73 7.50 0.00	85.54 6.99 -0.01	72.38 5.67 -0.01	64.31 4.32 0.00	60.15 3.93 0.00	54.21 2.78 0.00	51.48 3.50 0.00
SOUTHDOW_115KV_TB1 355954	40.32 -3.79 0.00	39.18 -4.07 0.00	37.61 -3.58 0.00	37.35 -3.83 0.00	37.14 -3.90 0.00	39.73 -3.60 0.00	57.72 -5.29 0.00	70.04 -5.84 0.00	55.75 -5.85 0.00	51.46 -4.90 0.00	48.06 -4.99 0.00	46.52 -4.71 0.00	46.14 -4.90 0.00	46.73 -5.08 0.00	47.68 -5.06 0.01	54.88 -5.36 0.02	62.85 -6.45 0.02	81.35 -6.88 0.00	72.81 -5.73 0.00	61.83 -4.87 0.00	56.03 -3.96 0.00	52.11 -4.10 0.00	47.99 -3.45 0.00	44.67 -3.31 0.00
SOUTHOLD_69_KV_BK 2 55809	47.86 3.75 0.00	46.57 3.33 0.00	44.16 2.97 0.00	44.10 2.92 0.00	44.08 3.04 0.00	46.93 3.60 0.00	68.68 5.67 0.00	79.45 3.57 0.00	66.09 4.50 0.00	60.20 3.83 0.00	55.60 2.55 0.00	53.53 2.31 0.00	53.70 2.65 0.00	55.33 3.52 0.00	56.60 3.85 0.00	64.30 4.04 0.00	75.55 6.24 0.00	95.99 7.76 0.00	85.62 7.07 -0.01	72.38 5.67 -0.01	64.19 4.20 0.00	59.92 3.71 0.00	54.27 2.83 0.00	51.43 3.45 0.00
SOUTHOLD___IC 23719	47.86 3.75 0.00	46.62 3.38 0.00	44.19 3.01 0.00	44.14 2.97 0.00	44.08 3.04 0.00	46.92 3.59 0.00	68.68 5.67 0.00	79.15 3.26 0.00	66.09 4.49 0.00	60.20 3.83 0.00	55.60 2.55 0.00	53.54 2.31 0.00	53.69 2.65 0.00	55.33 3.52 0.00	56.55 3.80 0.00	63.94 3.68 0.00	75.34 6.03 0.00	95.55 7.32 0.00	85.47 6.91 -0.01	72.25 5.53 -0.01	64.12 4.14 0.00	59.92 3.71 0.00	53.91 2.47 0.00	51.38 3.41 0.00
SOUTH_FORK_WT_PWR 323839	47.46 3.35 0.00	46.23 2.98 0.00	43.83 2.64 0.00	43.77 2.60 0.00	43.75 2.71 0.00	46.58 3.25 0.00	67.93 4.92 0.00	78.31 2.43 0.00	65.35 3.76 0.00	59.58 3.21 0.00	55.07 2.02 0.00	52.97 1.74 0.00	53.13 2.09 0.00	54.76 2.95 0.00	55.97 3.22 0.00	63.22 2.95 0.00	74.58 5.27 0.00	94.40 6.17 0.00	84.45 5.89 -0.01	71.38 4.67 -0.01	63.34 3.36 0.00	59.19 2.98 0.00	53.19 1.75 0.00	50.90 2.93 0.00
SPIERFLS_115KV_TB 1 80737	46.84 2.73 0.00	45.97 2.72 0.00	43.87 2.68 0.00	43.81 2.64 0.00	43.59 2.54 0.00	44.98 1.65 0.00	65.53 2.52 0.00	78.39 2.50 0.00	63.63 2.03 0.00	58.06 1.69 0.00	54.80 1.75 0.00	52.66 1.43 0.00	52.42 1.38 0.00	53.05 1.24 0.00	54.12 1.37 0.00	62.01 1.75 0.00	71.74 2.43 0.00	91.14 2.91 0.00	81.30 2.75 0.00	68.77 2.07 0.00	61.91 1.92 0.00	57.96 1.74 0.00	53.14 1.70 0.00	49.51 1.54 0.00
ST LAWRENCE____ 23600	44.20 0.09 0.00	43.38 0.13 0.00	41.27 0.08 0.00	41.30 0.12 0.00	41.21 0.16 0.00	43.46 0.13 0.00	63.33 0.32 0.00	76.64 0.76 0.00	62.21 0.62 0.00	56.93 0.56 0.00	53.53 0.48 0.00	51.69 0.46 0.00	51.50 0.46 0.00	52.22 0.41 0.00	53.12 0.37 0.00	60.69 0.42 0.00	69.52 0.21 0.00	88.58 0.35 0.00	78.86 0.32 0.00	66.97 0.27 0.00	60.41 0.42 0.00	56.72 0.50 0.00	51.85 0.41 0.00	48.41 0.43 0.00

STATE_CA_115KV_115_LB 55624	45.52 1.41 0.00	44.67 1.43 0.00	42.55 1.36 0.00	42.54 1.36 0.00	42.36 1.31 0.00	44.67 1.34 0.00	64.46 1.45 0.00	76.95 1.06 0.00	62.71 1.11 0.00	57.33 0.96 0.00	54.11 1.06 0.00	52.20 0.97 0.00	52.06 1.02 0.00	52.89 1.09 0.00	53.80 1.05 0.00	61.53 1.27 0.00	71.12 1.80 0.00	89.55 1.32 0.00	79.88 1.34 0.00	67.84 1.13 0.00	61.01 1.02 0.00	57.28 1.07 0.00	52.78 1.34 0.00	49.22 1.25 0.00
STATE_ST_34_KV_LOAD 55959	43.31 -0.79 0.00	42.38 -0.86 0.00	40.45 -0.74 0.00	40.35 -0.82 0.00	40.22 -0.82 0.00	42.59 -0.74 0.00	62.00 -1.01 0.00	75.05 -0.83 0.00	60.67 -0.92 0.00	55.47 -0.90 0.00	52.04 -1.01 0.00	50.26 -0.97 0.00	50.02 -1.02 0.00	50.87 -0.93 0.00	51.91 -0.84 0.00	59.25 -1.02 -0.01	68.07 -1.25 -0.01	87.08 -1.15 0.00	77.60 -0.94 0.00	66.04 -0.67 0.00	59.39 -0.60 0.00	55.43 -0.79 0.00	50.56 -0.87 0.00	47.16 -0.82 0.00
STATION_5_MISC_HYD 23604	42.04 -2.07 0.00	40.82 -2.42 0.00	39.17 -2.02 0.00	39.03 -2.14 0.00	38.87 -2.18 0.00	41.07 -2.25 0.00	59.48 -3.53 0.00	72.17 -3.72 0.00	58.02 -3.57 0.00	53.43 -2.93 0.00	50.08 -2.97 0.00	48.62 -2.61 0.00	48.23 -2.81 0.00	48.96 -2.85 0.00	50.00 -2.75 0.00	57.00 -3.26 0.01	65.15 -4.16 0.01	83.91 -4.32 0.00	74.54 -4.00 0.00	63.64 -3.07 0.00	57.41 -2.58 0.00	53.40 -2.81 0.00	49.02 -2.42 0.00	45.63 -2.35 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.21 -1.90 0.00	41.26 -1.99 0.00	39.50 -1.69 0.00	39.32 -1.85 0.00	39.16 -1.89 0.00	41.55 -1.78 0.00	60.24 -2.77 0.00	73.08 -2.81 0.00	59.01 -2.59 0.00	54.17 -2.20 0.00	50.77 -2.28 0.00	49.23 -2.00 0.00	48.85 -2.19 0.00	49.63 -2.18 0.00	50.69 -2.06 0.00	57.61 -2.65 0.00	65.91 -3.40 0.00	84.88 -3.35 0.00	75.48 -3.06 0.00	64.30 -2.40 0.00	57.95 -2.04 0.00	54.02 -2.19 0.00	49.28 -2.16 0.00	46.06 -1.92 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.59 -2.51 0.00	40.61 -2.64 0.00	38.88 -2.31 0.00	38.71 -2.47 0.00	38.50 -2.54 0.00	40.90 -2.43 0.00	59.17 -3.84 0.00	71.79 -4.10 0.00	57.78 -3.82 0.00	53.21 -3.16 0.00	49.92 -3.13 0.00	48.41 -2.82 0.00	48.03 -3.01 0.00	48.75 -3.06 0.00	49.79 -2.95 0.00	56.46 -3.80 0.01	64.45 -4.85 0.01	83.20 -5.03 0.00	74.07 -4.48 0.00	63.10 -3.60 0.00	56.99 -3.00 0.00	53.12 -3.09 0.00	48.45 -2.98 0.00	45.39 -2.59 0.00
STA_56___34_KV_BUS2 355983	41.59 -2.51 0.00	40.61 -2.64 0.00	38.88 -2.31 0.00	38.71 -2.47 0.00	38.50 -2.54 0.00	40.90 -2.43 0.00	59.17 -3.84 0.00	71.79 -4.10 0.00	57.78 -3.82 0.00	53.21 -3.16 0.00	49.92 -3.13 0.00	48.41 -2.82 0.00	48.03 -3.01 0.00	48.75 -3.06 0.00	49.79 -2.95 0.00	56.46 -3.80 0.01	64.45 -4.85 0.01	83.20 -5.03 0.00	74.07 -4.48 0.00	63.10 -3.60 0.00	56.99 -3.00 0.00	53.12 -3.09 0.00	48.45 -2.98 0.00	45.39 -2.59 0.00
STA_67___115KV_BK2 355882	41.68 -2.43 0.00	40.69 -2.55 0.00	39.01 -2.18 0.00	38.79 -2.39 0.00	38.62 -2.42 0.00	41.03 -2.30 0.00	59.29 -3.72 0.00	72.01 -3.87 0.00	57.90 -3.70 0.00	53.32 -3.04 0.00	49.97 -3.08 0.00	48.51 -2.72 0.00	48.08 -2.96 0.00	48.85 -2.95 0.00	49.90 -2.85 0.00	56.58 -3.68 0.01	64.52 -4.78 0.01	83.38 -4.85 0.00	74.23 -4.32 0.00	63.30 -3.40 0.00	57.17 -2.82 0.00	53.29 -2.92 0.00	48.61 -2.83 0.00	45.53 -2.45 0.00
STA_7___115KV_9TRANS 80674	41.90 -2.21 0.00	40.87 -2.38 0.00	39.21 -1.98 0.00	38.99 -2.18 0.00	38.79 -2.26 0.00	41.25 -2.08 0.00	59.61 -3.40 0.00	72.47 -3.41 0.00	58.27 -3.33 0.00	53.66 -2.71 0.00	50.29 -2.76 0.00	48.87 -2.36 0.00	48.44 -2.60 0.00	49.16 -2.64 0.00	50.21 -2.53 0.00	57.00 -3.25 0.01	65.01 -4.30 0.01	84.08 -4.15 0.00	74.78 -3.77 0.00	63.77 -2.93 0.00	57.59 -2.40 0.00	53.68 -2.53 0.00	48.92 -2.52 0.00	45.77 -2.21 0.00
STA_82___115KV_TB1 80780	41.68 -2.43 0.00	40.65 -2.59 0.00	38.97 -2.22 0.00	38.75 -2.43 0.00	38.58 -2.46 0.00	40.99 -2.34 0.00	59.23 -3.78 0.00	71.94 -3.95 0.00	57.84 -3.76 0.00	53.27 -3.10 0.00	49.97 -3.08 0.00	48.46 -2.77 0.00	48.08 -2.96 0.00	48.80 -3.00 0.00	49.84 -2.90 0.00	56.52 -3.74 0.01	64.45 -4.85 0.01	83.29 -4.94 0.00	74.15 -4.40 0.00	63.24 -3.47 0.00	57.11 -2.88 0.00	53.23 -2.98 0.00	48.56 -2.88 0.00	45.48 -2.49 0.00
STEEL___WIND 323596	40.54 -3.57 0.00	39.18 -4.07 0.00	37.61 -3.58 0.00	37.51 -3.66 0.00	37.35 -3.69 0.00	39.52 -3.81 0.00	56.96 -6.05 0.00	68.98 -6.90 0.00	55.01 -6.59 0.00	50.90 -5.47 0.00	47.64 -5.41 0.00	46.16 -5.07 0.00	45.89 -5.15 0.00	46.57 -5.23 0.00	47.47 -5.27 0.01	54.16 -6.08 0.02	61.53 -7.76 0.02	79.67 -8.56 0.00	71.01 -7.54 0.00	60.77 -5.94 0.00	55.07 -4.92 0.00	51.10 -5.11 0.00	47.37 -4.06 0.00	43.95 -4.03 0.00
STEPHTWN_115KV_BK_2 55603	45.74 1.63 0.00	44.85 1.60 0.00	42.71 1.52 0.00	42.70 1.52 0.00	42.52 1.48 0.00	44.89 1.56 0.00	64.84 1.83 0.00	77.48 1.59 0.00	63.01 1.42 0.00	57.61 1.24 0.00	54.38 1.33 0.00	52.41 1.18 0.00	52.21 1.17 0.00	53.05 1.24 0.00	54.02 1.27 0.00	61.83 1.57 0.00	71.46 2.15 0.00	90.17 1.94 0.00	80.43 1.89 0.00	68.24 1.53 0.00	61.37 1.38 0.00	57.56 1.35 0.00	53.03 1.59 0.00	49.42 1.44 0.00
STEBEN_REC_LFGE 323667	40.49 -3.62 0.00	39.40 -3.85 0.00	37.69 -3.50 0.00	37.43 -3.75 0.00	37.35 -3.69 0.00	39.60 -3.73 0.00	57.65 -5.36 0.00	70.12 -5.77 0.00	55.44 -6.16 0.00	50.67 -5.69 0.00	47.11 -5.94 0.00	45.49 -5.74 0.00	45.17 -5.87 0.00	45.85 -5.96 0.00	46.86 -5.86 0.03	53.69 -6.51 0.07	61.97 -7.28 0.07	80.03 -8.21 0.00	71.48 -7.07 0.00	61.03 -5.67 0.00	55.31 -4.68 0.00	51.72 -4.50 0.00	47.22 -4.22 0.00	44.23 -3.74 0.00
STILLWATER___SOLAR 323814	45.96 1.85 0.00	45.10 1.86 0.00	43.00 1.81 0.00	42.95 1.77 0.00	42.77 1.72 0.00	45.19 1.86 0.00	65.72 2.71 0.00	78.77 2.88 0.00	63.81 2.21 0.00	58.28 1.92 0.00	54.96 1.91 0.00	52.92 1.69 0.00	52.67 1.63 0.00	53.46 1.66 0.00	54.49 1.74 0.00	62.43 2.17 0.00	72.23 2.91 0.00	91.67 3.44 0.00	81.77 3.22 0.00	69.24 2.53 0.00	62.21 2.22 0.00	58.29 2.08 0.00	53.34 1.90 0.00	49.75 1.78 0.00
STONY___BROOK 24151	47.73 3.62 0.00	46.53 3.29 0.00	44.07 2.88 0.00	43.98 2.80 0.00	43.92 2.87 0.00	46.67 3.34 0.00	68.68 5.67 0.00	79.15 3.26 0.00	66.28 4.68 0.00	60.37 4.00 0.00	55.60 2.55 0.00	53.69 2.46 0.00	53.80 2.75 0.00	55.22 3.42 0.00	56.39 3.64 0.00	63.64 3.37 0.00	74.73 5.41 0.00	94.93 6.70 0.00	84.84 6.29 -0.01	71.78 5.07 -0.01	63.88 3.90 0.00	59.76 3.54 0.00	54.06 2.62 0.00	51.24 3.26 0.00
STURGEON_POOL_HYD 23609	46.18 2.07 0.00	45.19 1.95 0.00	42.92 1.73 0.00	42.95 1.77 0.00	42.81 1.76 0.00	45.24 1.91 0.00	66.16 3.15 0.00	78.92 3.04 0.00	64.06 2.46 0.00	58.51 2.14 0.00	55.12 2.07 0.00	53.23 2.00 0.00	53.18 2.14 0.00	54.03 2.23 0.00	54.97 2.22 0.00	62.91 2.65 0.00	72.85 3.54 0.00	92.82 4.59 0.00	82.55 4.01 0.00	69.84 3.14 0.00	62.51 2.52 0.00	58.52 2.30 0.00	53.60 2.16 0.00	49.80 1.82 0.00

ST_LAW_115_BK7_LBMP 345037	44.24 0.13 0.00	43.46 0.22 0.00	41.31 0.12 0.00	41.34 0.17 0.00	41.25 0.21 0.00	43.50 0.17 0.00	63.39 0.38 0.00	76.72 0.84 0.00	62.28 0.68 0.00	57.05 0.68 0.00	53.64 0.58 0.00	51.79 0.56 0.00	51.55 0.51 0.00	52.27 0.47 0.00	53.17 0.42 0.00	60.74 0.48 0.00	69.52 0.21 0.00	88.67 0.44 0.00	78.86 0.32 0.00	67.04 0.34 0.00	60.46 0.48 0.00	56.78 0.56 0.00	51.90 0.46 0.00	48.51 0.53 0.00
ST_LAW_115_BK8_LBMP 345038	44.24 0.13 0.00	43.46 0.22 0.00	41.31 0.12 0.00	41.34 0.17 0.00	41.25 0.21 0.00	43.50 0.17 0.00	63.39 0.38 0.00	76.72 0.84 0.00	62.28 0.68 0.00	57.05 0.68 0.00	53.64 0.58 0.00	51.79 0.56 0.00	51.55 0.51 0.00	52.27 0.47 0.00	53.17 0.42 0.00	60.74 0.48 0.00	69.52 0.21 0.00	88.67 0.44 0.00	78.86 0.32 0.00	67.04 0.34 0.00	60.46 0.48 0.00	56.78 0.56 0.00	51.90 0.46 0.00	48.51 0.53 0.00
ST_LAW_230_BK5_LBMP 345035	44.20 0.09 0.00	43.38 0.13 0.00	41.27 0.08 0.00	41.30 0.12 0.00	41.21 0.16 0.00	43.46 0.13 0.00	63.33 0.32 0.00	76.64 0.76 0.00	62.21 0.62 0.00	56.93 0.56 0.00	53.53 0.48 0.00	51.69 0.46 0.00	51.50 0.46 0.00	52.22 0.41 0.00	53.12 0.37 0.00	60.69 0.42 0.00	69.52 0.21 0.00	88.58 0.35 0.00	78.86 0.32 0.00	66.97 0.27 0.00	60.41 0.42 0.00	56.72 0.50 0.00	51.85 0.41 0.00	48.41 0.43 0.00
ST_LAW_230_BK6_LBMP 345036	44.20 0.09 0.00	43.38 0.13 0.00	41.27 0.08 0.00	41.30 0.12 0.00	41.21 0.16 0.00	43.46 0.13 0.00	63.33 0.32 0.00	76.64 0.76 0.00	62.21 0.62 0.00	56.93 0.56 0.00	53.53 0.48 0.00	51.69 0.46 0.00	51.50 0.46 0.00	52.22 0.41 0.00	53.12 0.37 0.00	60.69 0.42 0.00	69.52 0.21 0.00	88.58 0.35 0.00	78.86 0.32 0.00	66.97 0.27 0.00	60.41 0.42 0.00	56.72 0.50 0.00	51.85 0.41 0.00	48.41 0.43 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.23 2.12 0.00	45.19 1.95 0.00	42.96 1.77 0.00	42.99 1.81 0.00	42.81 1.76 0.00	45.24 1.91 0.00	66.10 3.09 0.00	78.84 2.96 0.00	64.12 2.53 0.00	58.62 2.25 0.00	55.28 2.23 0.00	53.38 2.15 0.00	53.29 2.25 0.00	54.08 2.28 0.00	55.02 2.27 0.00	62.91 2.65 0.00	72.85 3.54 0.00	92.55 4.32 0.00	82.32 3.77 0.00	69.71 3.00 0.00	62.45 2.46 0.00	58.46 2.25 0.00	53.55 2.11 0.00	49.75 1.78 0.00
SWANROAD_115KV_TB1 355699	39.39 -4.72 0.00	38.19 -5.06 0.00	36.78 -4.41 0.00	36.32 -4.86 0.00	36.28 -4.76 0.00	38.56 -4.77 0.00	55.13 -7.88 0.00	67.01 -8.88 0.00	53.53 -8.07 0.00	49.60 -6.76 0.00	46.47 -6.58 0.00	45.03 -6.20 0.00	44.71 -6.33 0.00	45.38 -6.42 0.00	46.31 -6.44 0.01	52.59 -7.65 0.02	59.53 -9.77 0.02	76.94 -11.29 0.00	68.73 -9.82 0.00	58.77 -7.94 0.00	53.39 -6.60 0.00	49.64 -6.58 0.00	45.57 -5.86 0.00	42.70 -5.28 0.00
SYNERGY___BIOGAS 323694	41.15 -2.96 0.00	39.96 -3.29 0.00	38.51 -2.68 0.00	38.13 -3.05 0.00	38.01 -3.04 0.00	40.56 -2.77 0.00	58.47 -4.54 0.00	71.33 -4.55 0.00	56.98 -4.62 0.00	52.48 -3.89 0.00	49.07 -3.98 0.00	47.64 -3.59 0.00	47.16 -3.88 0.00	47.87 -3.94 0.00	48.95 -3.80 0.01	55.61 -4.64 0.01	63.27 -6.03 0.01	82.23 -6.00 0.00	73.28 -5.26 0.00	62.64 -4.07 0.00	56.45 -3.54 0.00	52.50 -3.71 0.00	47.94 -3.50 0.00	44.91 -3.07 0.00
SYRACUSE___ENERGY_ST1 323597	43.31 -0.79 0.00	42.38 -0.86 0.00	40.41 -0.78 0.00	40.35 -0.82 0.00	40.22 -0.82 0.00	42.55 -0.78 0.00	61.88 -1.13 0.00	74.67 -1.21 0.00	60.55 -1.05 0.00	55.41 -0.96 0.00	52.04 -1.01 0.00	50.26 -0.97 0.00	50.07 -0.97 0.00	50.87 -0.93 0.00	51.91 -0.84 0.00	59.24 -1.02 0.00	68.07 -1.25 0.00	86.82 -1.41 0.00	77.29 -1.26 0.00	65.70 -1.00 0.00	59.09 -0.90 0.00	55.26 -0.96 0.00	50.46 -0.98 0.00	47.07 -0.91 0.00
SYRACUSE___ENERGY_ST2 323598	43.31 -0.79 0.00	42.38 -0.86 0.00	40.41 -0.78 0.00	40.35 -0.82 0.00	40.22 -0.82 0.00	42.55 -0.78 0.00	61.88 -1.13 0.00	74.67 -1.21 0.00	60.55 -1.05 0.00	55.41 -0.96 0.00	52.04 -1.01 0.00	50.26 -0.97 0.00	50.07 -0.97 0.00	50.87 -0.93 0.00	51.91 -0.84 0.00	59.24 -1.02 0.00	68.07 -1.25 0.00	86.82 -1.41 0.00	77.29 -1.26 0.00	65.70 -1.00 0.00	59.09 -0.90 0.00	55.26 -0.96 0.00	50.46 -0.98 0.00	47.07 -0.91 0.00
SYRACUSE___POWER 24017	43.27 -0.84 0.00	42.38 -0.86 0.00	40.41 -0.78 0.00	40.31 -0.86 0.00	40.18 -0.86 0.00	42.55 -0.78 0.00	61.81 -1.20 0.00	74.52 -1.37 0.00	60.43 -1.17 0.00	55.30 -1.07 0.00	51.99 -1.06 0.00	50.20 -1.02 0.00	49.97 -1.07 0.00	50.82 -0.98 0.00	51.80 -0.95 0.00	59.18 -1.08 0.00	68.00 -1.32 0.00	86.73 -1.50 0.00	77.21 -1.34 0.00	65.64 -1.07 0.00	59.03 -0.96 0.00	55.20 -1.01 0.00	50.46 -0.98 0.00	47.07 -0.91 0.00
TALLMAN__138KV_BK151 55660	46.40 2.29 0.00	45.36 2.12 0.00	43.08 1.89 0.00	43.11 1.94 0.00	42.97 1.93 0.00	45.37 2.04 0.00	66.41 3.40 0.00	79.15 3.26 0.00	64.37 2.77 0.00	58.90 2.54 0.00	55.49 2.44 0.00	53.64 2.41 0.00	53.54 2.50 0.00	54.34 2.54 0.00	55.28 2.53 0.00	63.16 2.89 0.00	73.13 3.81 0.00	92.99 4.76 0.00	82.63 4.08 0.00	69.91 3.20 0.00	62.69 2.70 0.00	58.63 2.42 0.00	53.75 2.31 0.00	49.94 1.97 0.00
TEALLAVE_115KV_TB7 355573	43.09 -1.01 0.00	42.16 -1.08 0.00	40.20 -0.99 0.00	40.15 -1.03 0.00	40.02 -1.03 0.00	42.33 -1.00 0.00	61.43 -1.58 0.00	74.14 -1.75 0.00	60.12 -1.48 0.00	55.01 -1.35 0.00	51.72 -1.33 0.00	49.95 -1.28 0.00	49.76 -1.28 0.00	50.56 -1.24 0.00	51.59 -1.16 0.00	58.88 -1.39 0.00	67.58 -1.73 0.00	86.20 -2.03 0.00	76.74 -1.81 0.00	65.24 -1.47 0.00	58.67 -1.32 0.00	54.86 -1.35 0.00	50.15 -1.29 0.00	46.83 -1.15 0.00
TELGRAPH_34_KV_EAST 80808	40.36 -3.75 0.00	39.22 -4.02 0.00	37.73 -3.46 0.00	37.35 -3.83 0.00	37.23 -3.82 0.00	39.56 -3.77 0.00	56.83 -6.17 0.00	69.21 -6.68 0.00	55.25 -6.34 0.00	51.07 -5.30 0.00	47.80 -5.25 0.00	46.41 -4.82 0.00	45.99 -5.05 0.00	46.68 -5.13 0.00	47.68 -5.06 0.01	54.16 -6.09 0.01	61.47 -7.83 0.01	79.58 -8.65 0.00	71.01 -7.54 0.00	60.70 -6.00 0.00	55.13 -4.86 0.00	51.27 -4.95 0.00	46.91 -4.53 0.00	43.95 -4.03 0.00
TEMPLE___115KV_TB 2 55572	43.09 -1.01 0.00	42.21 -1.04 0.00	40.24 -0.95 0.00	40.15 -1.03 0.00	40.02 -1.03 0.00	42.33 -1.00 0.00	61.50 -1.51 0.00	74.14 -1.75 0.00	60.12 -1.48 0.00	55.07 -1.30 0.00	51.78 -1.27 0.00	50.00 -1.23 0.00	49.82 -1.22 0.00	50.61 -1.19 0.00	51.59 -1.16 0.00	58.88 -1.39 0.00	67.65 -1.66 0.00	86.29 -1.94 0.00	76.82 -1.73 0.00	65.30 -1.40 0.00	58.73 -1.26 0.00	54.92 -1.29 0.00	50.20 -1.23 0.00	46.83 -1.15 0.00
TIANA____69_KV_BK 1 55817	47.95 3.84 0.00	46.70 3.46 0.00	44.24 3.05 0.00	44.18 3.01 0.00	44.12 3.08 0.00	46.93 3.60 0.00	68.93 5.92 0.00	79.83 3.95 0.00	66.40 4.80 0.00	60.48 4.11 0.00	55.76 2.71 0.00	53.79 2.56 0.00	53.90 2.86 0.00	55.48 3.68 0.00	56.71 3.96 0.00	64.42 4.16 0.00	75.55 6.24 0.00	96.26 8.03 0.00	85.70 7.15 -0.01	72.58 5.87 -0.01	64.43 4.44 0.00	60.20 3.99 0.00	54.68 3.24 0.00	51.57 3.60 0.00

TILDEN___115KV_TB1 80814	43.27 -0.84 0.00	42.38 -0.86 0.00	40.41 -0.78 0.00	40.31 -0.86 0.00	40.18 -0.86 0.00	42.55 -0.78 0.00	61.81 -1.20 0.00	74.52 -1.37 0.00	60.43 -1.17 0.00	55.30 -1.07 0.00	51.99 -1.06 0.00	50.20 -1.02 0.00	49.97 -1.07 0.00	50.82 -0.98 0.00	51.80 -0.95 0.00	59.18 -1.08 0.00	68.00 -1.32 0.00	86.73 -1.50 0.00	77.21 -1.34 0.00	65.64 -1.07 0.00	59.03 -0.96 0.00	55.20 -1.01 0.00	50.46 -0.98 0.00	47.07 -0.91 0.00
TRIGEN___CC 323695	47.28 3.18 0.00	46.10 2.85 0.00	43.74 2.55 0.00	43.69 2.51 0.00	43.59 2.54 0.00	46.23 2.90 0.00	67.86 4.85 0.00	79.30 3.41 0.00	65.60 4.00 0.00	59.86 3.49 0.00	55.65 2.60 0.00	53.79 2.56 0.00	53.85 2.81 0.00	54.96 3.16 0.00	56.07 3.32 0.00	63.88 3.62 0.00	74.51 5.20 0.00	94.76 6.53 0.00	84.14 5.58 -0.02	71.26 4.54 -0.02	63.65 3.66 0.00	59.42 3.20 0.00	54.22 2.78 0.00	50.81 2.83 0.00
TRINITY___115KV___4 BK 55933	45.39 1.28 0.00	44.50 1.25 0.00	42.38 1.19 0.00	42.37 1.19 0.00	42.19 1.15 0.00	44.50 1.17 0.00	64.21 1.20 0.00	76.72 0.83 0.00	62.46 0.86 0.00	57.10 0.73 0.00	53.90 0.85 0.00	52.00 0.77 0.00	51.86 0.82 0.00	52.63 0.83 0.00	53.59 0.84 0.00	61.29 1.02 0.00	70.77 1.46 0.00	89.29 1.06 0.00	79.65 1.10 0.00	67.57 0.87 0.00	60.77 0.78 0.00	57.06 0.84 0.00	52.57 1.13 0.00	48.98 1.01 0.00
UNION___PROCESSING_DRP 323587	41.68 -2.43 0.00	40.69 -2.55 0.00	39.01 -2.18 0.00	38.79 -2.39 0.00	38.58 -2.46 0.00	40.99 -2.34 0.00	59.23 -3.78 0.00	71.94 -3.95 0.00	57.90 -3.70 0.00	53.27 -3.10 0.00	49.97 -3.08 0.00	48.46 -2.77 0.00	48.08 -2.96 0.00	48.80 -3.00 0.00	49.84 -2.90 0.00	56.52 -3.74 0.01	64.45 -4.85 0.01	83.38 -4.85 0.00	74.15 -4.40 0.00	63.24 -3.47 0.00	57.11 -2.88 0.00	53.23 -2.98 0.00	48.61 -2.83 0.00	45.48 -2.49 0.00
UPPER HUDSON___HYD 24058	45.69 1.59 0.00	44.85 1.60 0.00	42.79 1.60 0.00	42.70 1.52 0.00	42.52 1.48 0.00	44.98 1.65 0.00	65.53 2.52 0.00	78.54 2.65 0.00	63.63 2.03 0.00	58.06 1.69 0.00	54.80 1.75 0.00	52.66 1.43 0.00	52.42 1.38 0.00	53.05 1.24 0.00	54.12 1.37 0.00	62.01 1.75 0.00	71.74 2.42 0.00	91.14 2.91 0.00	81.29 2.75 0.00	68.77 2.07 0.00	61.85 1.86 0.00	58.01 1.80 0.00	53.13 1.69 0.00	49.51 1.53 0.00
UPPER RAQUET___HYD 24056	44.68 0.57 0.00	43.98 0.73 0.00	41.72 0.53 0.00	41.83 0.66 0.00	41.74 0.70 0.00	44.02 0.69 0.00	64.27 1.26 0.00	78.31 2.43 0.00	63.26 1.66 0.00	57.72 1.35 0.00	54.27 1.22 0.00	52.41 1.18 0.00	52.16 1.12 0.00	52.84 1.04 0.00	53.75 1.00 0.00	61.22 0.96 0.00	69.52 0.21 0.00	88.58 0.35 0.00	78.70 0.16 0.00	67.11 0.40 0.00	61.31 1.32 0.00	57.73 1.52 0.00	52.77 1.34 0.00	49.32 1.34 0.00
VALLEY44_115KV_TB2 355964	40.32 -3.79 0.00	39.22 -4.02 0.00	37.61 -3.58 0.00	37.31 -3.87 0.00	37.19 -3.86 0.00	39.69 -3.64 0.00	57.53 -5.48 0.00	69.59 -6.30 0.00	55.25 -6.34 0.00	51.01 -5.35 0.00	47.75 -5.31 0.00	46.21 -5.02 0.00	45.89 -5.16 0.00	46.42 -5.39 0.00	47.25 -5.49 0.01	54.76 -5.48 0.02	63.19 -6.10 0.02	79.58 -8.65 0.00	71.24 -7.30 0.00	60.90 -5.80 0.00	55.13 -4.86 0.00	51.21 -5.00 0.00	47.12 -4.32 0.00	43.95 -4.03 0.00
VALLEY___115KV_TB 1-4 80826	45.78 1.68 0.00	44.93 1.69 0.00	42.80 1.61 0.00	42.78 1.61 0.00	42.64 1.60 0.00	45.11 1.78 0.00	65.59 2.58 0.00	79.00 3.11 0.00	64.00 2.40 0.00	58.51 2.14 0.00	55.23 2.18 0.00	53.33 2.10 0.00	53.08 2.04 0.00	53.82 2.02 0.00	54.70 1.95 0.00	62.49 2.23 0.00	71.95 2.63 0.00	91.58 3.35 0.00	81.45 2.91 0.00	69.11 2.40 0.00	62.27 2.28 0.00	58.46 2.25 0.00	53.60 2.16 0.00	50.04 2.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	45.65 1.54 0.00	44.76 1.51 0.00	42.63 1.44 0.00	42.58 1.40 0.00	42.44 1.40 0.00	44.85 1.52 0.00	65.53 2.52 0.00	78.92 3.04 0.00	63.81 2.22 0.00	58.34 1.97 0.00	55.01 1.96 0.00	53.07 1.84 0.00	52.93 1.89 0.00	53.62 1.81 0.00	54.54 1.79 0.00	62.55 2.29 0.00	72.23 2.91 0.00	92.02 3.79 0.00	81.85 3.30 0.00	69.31 2.60 0.00	62.39 2.40 0.00	58.18 1.97 0.00	53.34 1.90 0.00	49.70 1.73 0.00
VISCHER___FERRY HYD 24020	45.69 1.59 0.00	44.85 1.60 0.00	42.71 1.52 0.00	42.66 1.48 0.00	42.52 1.48 0.00	44.89 1.56 0.00	65.15 2.14 0.00	78.09 2.20 0.00	63.38 1.79 0.00	57.94 1.58 0.00	54.59 1.54 0.00	52.66 1.43 0.00	52.47 1.43 0.00	53.25 1.45 0.00	54.28 1.53 0.00	62.07 1.81 0.00	71.67 2.36 0.00	90.97 2.74 0.00	81.06 2.51 0.00	68.70 2.00 0.00	61.73 1.74 0.00	57.84 1.63 0.00	52.98 1.54 0.00	49.41 1.44 0.00
V_A_10_SYNC_DSASP 323832	40.32 -3.79 0.00	39.35 -3.89 0.00	37.69 -3.50 0.00	37.43 -3.75 0.00	37.23 -3.82 0.00	39.69 -3.64 0.00	56.96 -6.05 0.00	69.05 -6.83 0.00	55.38 -6.22 0.00	51.18 -5.19 0.00	47.96 -5.09 0.00	46.52 -4.71 0.00	46.19 -4.85 0.00	46.83 -4.97 0.00	47.84 -4.91 0.01	54.10 -6.15 0.01	61.40 -7.90 0.01	79.58 -8.65 0.00	71.01 -7.54 0.00	60.63 -6.07 0.00	54.95 -5.04 0.00	51.15 -5.06 0.00	46.86 -4.58 0.00	43.90 -4.08 0.00
V_CMM_10_SYNC_DSASP 323787	44.42 0.31 0.00	43.63 0.39 0.00	41.48 0.29 0.00	41.55 0.37 0.00	41.45 0.41 0.00	43.72 0.39 0.00	63.64 0.63 0.00	77.17 1.29 0.00	62.58 0.99 0.00	57.27 0.90 0.00	53.85 0.80 0.00	52.05 0.82 0.00	51.86 0.82 0.00	52.53 0.73 0.00	53.44 0.69 0.00	61.05 0.78 0.00	69.87 0.55 0.00	89.11 0.88 0.00	79.25 0.71 0.00	67.37 0.67 0.00	60.77 0.78 0.00	57.06 0.84 0.00	52.16 0.72 0.00	48.74 0.77 0.00
V_CMP_10_SYNC_DSASP 323788	44.37 0.26 0.00	43.63 0.39 0.00	41.44 0.25 0.00	41.51 0.33 0.00	41.45 0.41 0.00	43.76 0.43 0.00	63.77 0.76 0.00	77.48 1.59 0.00	62.83 1.23 0.00	57.49 1.13 0.00	53.95 0.90 0.00	52.10 0.87 0.00	51.81 0.77 0.00	52.48 0.67 0.00	53.38 0.63 0.00	61.05 0.78 0.00	69.87 0.55 0.00	89.11 0.88 0.00	79.25 0.71 0.00	67.37 0.67 0.00	60.83 0.84 0.00	57.11 0.90 0.00	52.21 0.77 0.00	48.79 0.82 0.00
V_D_10_SYNC_DSASP 323841	44.77 0.66 0.00	44.02 0.78 0.00	41.81 0.62 0.00	41.88 0.70 0.00	41.78 0.74 0.00	44.07 0.74 0.00	64.14 1.13 0.00	77.86 1.97 0.00	63.14 1.54 0.00	57.78 1.41 0.00	54.27 1.22 0.00	52.46 1.23 0.00	52.21 1.17 0.00	52.94 1.14 0.00	53.86 1.11 0.00	61.53 1.27 0.00	70.29 0.97 0.00	89.64 1.41 0.00	79.72 1.18 0.00	67.84 1.13 0.00	61.31 1.32 0.00	57.62 1.41 0.00	52.67 1.23 0.00	49.22 1.25 0.00
V_E_10_SYNC_DSASP 323830	45.70 1.59 0.00	44.80 1.56 0.00	42.71 1.52 0.00	42.66 1.48 0.00	42.60 1.56 0.00	45.28 1.95 0.00	66.48 3.47 0.00	80.97 5.08 0.00	64.62 3.02 0.00	58.62 2.25 0.00	55.01 1.96 0.00	53.02 1.79 0.00	52.67 1.63 0.00	53.36 1.55 0.00	54.45 1.69 -0.01	62.75 2.47 -0.02	72.80 3.47 -0.02	94.05 5.82 0.00	83.50 4.95 0.00	70.64 3.94 0.00	64.01 4.02 0.00	59.14 2.92 0.00	54.06 2.62 0.00	50.47 2.49 0.00

V_F_30_NSYNC___DSASP 323816	46.36 2.25 0.00	45.49 2.25 0.00	43.37 2.18 0.00	43.32 2.14 0.00	43.14 2.09 0.00	45.19 1.86 0.00	65.78 2.77 0.00	78.77 2.88 0.00	63.94 2.34 0.00	58.34 1.97 0.00	55.01 1.96 0.00	52.97 1.74 0.00	52.78 1.74 0.00	53.51 1.71 0.00	54.54 1.79 0.00	62.55 2.29 0.00	72.30 2.98 0.00	91.85 3.62 0.00	81.85 3.30 0.00	69.31 2.60 0.00	62.27 2.28 0.00	58.35 2.14 0.00	53.44 2.01 0.00	49.80 1.82 0.00
V_F_30_SYNC_DSASP 323786	45.52 1.41 0.00	44.67 1.43 0.00	42.55 1.36 0.00	42.54 1.36 0.00	42.36 1.31 0.00	44.67 1.34 0.00	64.46 1.45 0.00	76.95 1.06 0.00	62.71 1.11 0.00	57.33 0.96 0.00	54.11 1.06 0.00	52.20 0.97 0.00	52.06 1.02 0.00	52.84 1.04 0.00	53.80 1.05 0.00	61.53 1.27 0.00	71.12 1.80 0.00	89.55 1.32 0.00	79.88 1.34 0.00	67.84 1.13 0.00	61.01 1.02 0.00	57.28 1.07 0.00	52.78 1.34 0.00	49.18 1.20 0.00
V_XM_10_SYNC_DSASP 323789	44.37 0.26 0.00	43.63 0.39 0.00	41.44 0.25 0.00	41.51 0.33 0.00	41.45 0.41 0.00	43.76 0.43 0.00	63.77 0.76 0.00	77.48 1.59 0.00	62.83 1.23 0.00	57.49 1.13 0.00	53.95 0.90 0.00	52.10 0.87 0.00	51.81 0.77 0.00	52.48 0.67 0.00	53.38 0.63 0.00	61.05 0.78 0.00	69.87 0.55 0.00	89.11 0.88 0.00	79.25 0.71 0.00	67.37 0.67 0.00	60.83 0.84 0.00	57.11 0.90 0.00	52.21 0.77 0.00	48.79 0.82 0.00
W.BABYLN_69_KV_BK1 56697	48.25 4.15 0.00	46.96 3.72 0.00	44.53 3.34 0.00	44.43 3.25 0.00	44.37 3.32 0.00	47.14 3.81 0.00	69.44 6.43 0.00	80.59 4.70 0.00	66.96 5.36 0.00	60.99 4.62 0.00	56.34 3.29 0.00	54.40 3.18 0.00	54.51 3.47 0.00	55.90 4.09 0.00	57.13 4.38 0.00	65.02 4.76 0.00	76.18 6.86 0.00	97.05 8.82 0.00	86.41 7.85 -0.01	73.18 6.47 -0.01	65.09 5.10 0.00	60.71 4.50 0.00	55.14 3.70 0.00	51.86 3.89 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.58 2.47 0.00	45.54 2.29 0.00	43.25 2.06 0.00	43.28 2.10 0.00	43.10 2.05 0.00	45.58 2.25 0.00	66.66 3.65 0.00	79.45 3.57 0.00	64.62 3.02 0.00	59.13 2.76 0.00	55.70 2.65 0.00	53.79 2.56 0.00	53.75 2.71 0.00	54.55 2.75 0.00	55.49 2.74 0.00	63.40 3.13 0.00	73.47 4.16 0.00	93.44 5.21 0.00	83.02 4.48 0.00	70.24 3.54 0.00	62.93 2.94 0.00	58.91 2.70 0.00	54.01 2.57 0.00	50.18 2.21 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.89 2.78 0.00	45.80 2.55 0.00	43.50 2.31 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.80 2.47 0.00	67.04 4.03 0.00	79.91 4.02 0.00	65.05 3.45 0.00	59.58 3.21 0.00	56.23 3.18 0.00	54.30 3.07 0.00	54.21 3.16 0.00	55.07 3.26 0.00	56.02 3.27 0.00	63.94 3.68 0.00	74.03 4.71 0.00	94.05 5.82 0.00	83.42 4.87 0.00	70.51 3.80 0.00	63.23 3.24 0.00	59.14 2.92 0.00	54.32 2.88 0.00	50.47 2.49 0.00
W50THST__13_KV_LOAD 356117	47.06 2.96 0.00	45.93 2.68 0.00	43.66 2.47 0.00	43.65 2.47 0.00	43.51 2.46 0.00	45.97 2.64 0.00	67.29 4.28 0.00	80.29 4.40 0.00	65.35 3.76 0.00	59.86 3.49 0.00	56.50 3.45 0.00	54.61 3.38 0.00	54.51 3.47 0.00	55.33 3.52 0.00	56.28 3.53 0.00	64.24 3.98 0.00	74.37 5.06 0.00	94.49 6.26 0.00	83.73 5.18 0.00	70.84 4.14 0.00	63.47 3.48 0.00	59.36 3.15 0.00	54.52 3.09 0.00	50.62 2.64 0.00
WADING RIVER_IC_1 23522	47.86 3.75 0.00	46.62 3.38 0.00	44.19 3.01 0.00	44.10 2.92 0.00	44.04 2.99 0.00	46.84 3.51 0.00	68.80 5.79 0.00	79.38 3.49 0.00	66.28 4.68 0.00	60.37 4.00 0.00	55.65 2.60 0.00	53.69 2.46 0.00	53.80 2.75 0.00	55.33 3.52 0.00	56.55 3.80 0.00	63.88 3.62 0.00	75.20 5.89 0.00	95.47 7.24 0.00	85.39 6.83 -0.01	72.25 5.53 -0.01	64.25 4.26 0.00	60.09 3.88 0.00	54.21 2.78 0.00	51.38 3.41 0.00
WADING RIVER_IC_2 23547	47.86 3.75 0.00	46.62 3.38 0.00	44.19 3.01 0.00	44.10 2.92 0.00	44.04 2.99 0.00	46.84 3.51 0.00	68.80 5.79 0.00	79.38 3.49 0.00	66.28 4.68 0.00	60.37 4.00 0.00	55.65 2.60 0.00	53.69 2.46 0.00	53.80 2.75 0.00	55.33 3.52 0.00	56.55 3.80 0.00	63.88 3.62 0.00	75.20 5.89 0.00	95.47 7.24 0.00	85.39 6.83 -0.01	72.25 5.53 -0.01	64.25 4.26 0.00	60.09 3.88 0.00	54.21 2.78 0.00	51.38 3.41 0.00
WADING RIVER_IC_3 23601	47.86 3.75 0.00	46.62 3.38 0.00	44.19 3.01 0.00	44.10 2.92 0.00	44.04 2.99 0.00	46.84 3.51 0.00	68.80 5.79 0.00	79.38 3.49 0.00	66.28 4.68 0.00	60.37 4.00 0.00	55.65 2.60 0.00	53.69 2.46 0.00	53.80 2.75 0.00	55.33 3.52 0.00	56.55 3.80 0.00	63.88 3.62 0.00	75.20 5.89 0.00	95.47 7.24 0.00	85.39 6.83 -0.01	72.25 5.53 -0.01	64.25 4.26 0.00	60.09 3.88 0.00	54.21 2.78 0.00	51.38 3.41 0.00
WALDENNY_12_KV_BK2 80841	40.23 -3.88 0.00	39.09 -4.15 0.00	37.52 -3.67 0.00	37.22 -3.95 0.00	37.06 -3.98 0.00	39.52 -3.81 0.00	56.83 -6.17 0.00	69.05 -6.83 0.00	55.07 -6.53 0.00	50.96 -5.41 0.00	47.69 -5.36 0.00	46.21 -5.02 0.00	45.94 -5.10 0.00	46.57 -5.23 0.00	47.57 -5.17 0.01	54.34 -5.91 0.02	61.74 -7.56 0.02	79.32 -8.91 0.00	70.85 -7.70 0.00	60.57 -6.14 0.00	54.95 -5.04 0.00	51.10 -5.12 0.00	46.96 -4.48 0.00	43.85 -4.13 0.00
WALDEN___HYDRO 24148	46.31 2.21 0.00	45.32 2.08 0.00	43.04 1.85 0.00	43.11 1.94 0.00	42.93 1.89 0.00	45.37 2.04 0.00	66.35 3.34 0.00	79.07 3.19 0.00	64.25 2.65 0.00	58.73 2.37 0.00	55.33 2.28 0.00	53.43 2.20 0.00	53.34 2.30 0.00	54.19 2.38 0.00	55.12 2.37 0.00	63.04 2.77 0.00	73.06 3.74 0.00	92.91 4.68 0.00	82.63 4.08 0.00	69.97 3.27 0.00	62.69 2.70 0.00	58.63 2.42 0.00	53.75 2.31 0.00	49.94 1.97 0.00
WARRENSBURG____ 23737	46.84 2.73 0.00	45.97 2.72 0.00	43.87 2.68 0.00	43.81 2.64 0.00	43.59 2.54 0.00	44.98 1.65 0.00	65.53 2.52 0.00	78.39 2.50 0.00	63.63 2.03 0.00	58.06 1.69 0.00	54.80 1.75 0.00	52.66 1.43 0.00	52.42 1.38 0.00	53.05 1.24 0.00	54.12 1.37 0.00	62.01 1.75 0.00	71.74 2.43 0.00	91.14 2.91 0.00	81.30 2.75 0.00	68.77 2.07 0.00	61.91 1.92 0.00	57.96 1.74 0.00	53.14 1.70 0.00	49.51 1.54 0.00
WATERSIDE____6 8 9 23538	47.11 3.00 0.00	45.93 2.68 0.00	43.62 2.43 0.00	43.65 2.47 0.00	43.47 2.42 0.00	45.89 2.56 0.00	66.85 3.84 0.00	79.53 3.64 0.00	64.98 3.39 0.00	59.58 3.21 0.00	56.39 3.34 0.00	54.51 3.28 0.00	54.41 3.37 0.00	55.22 3.42 0.00	56.18 3.43 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.79 5.56 0.00	83.18 4.63 0.00	70.37 3.67 0.00	63.23 3.24 0.00	59.25 3.04 0.00	54.52 3.09 0.00	50.66 2.69 0.00
WATKINRD_115KV_LN8_ILLION 55919	45.34 1.24 0.00	44.46 1.21 0.00	42.34 1.15 0.00	42.33 1.15 0.00	42.19 1.15 0.00	44.63 1.30 0.00	64.84 1.83 0.00	78.08 2.20 0.00	63.26 1.66 0.00	57.83 1.47 0.00	54.59 1.54 0.00	52.66 1.43 0.00	52.47 1.43 0.00	53.20 1.40 0.00	54.12 1.37 0.00	61.83 1.57 0.00	71.26 1.94 0.00	90.61 2.38 0.00	80.67 2.12 0.00	68.44 1.73 0.00	61.67 1.68 0.00	57.79 1.57 0.00	52.93 1.49 0.00	49.42 1.44 0.00

WDELAWARE___HYD 323627	46.18 2.07 0.00	45.19 1.95 0.00	42.92 1.73 0.00	42.99 1.81 0.00	42.81 1.76 0.00	45.28 1.95 0.00	66.16 3.15 0.00	79.00 3.11 0.00	64.06 2.47 0.00	58.45 2.09 0.00	55.01 1.96 0.00	53.13 1.90 0.00	53.08 2.04 0.00	53.88 2.07 0.00	54.80 2.06 0.00	62.79 2.53 0.00	72.78 3.46 0.00	92.82 4.59 0.00	82.63 4.08 0.00	69.91 3.20 0.00	62.62 2.64 0.00	58.57 2.36 0.00	53.60 2.16 0.00	49.85 1.87 0.00
WEST BABYLON___IC 23714	48.25 4.15 0.00	46.96 3.72 0.00	44.53 3.34 0.00	44.43 3.25 0.00	44.37 3.32 0.00	47.14 3.81 0.00	69.44 6.43 0.00	80.59 4.70 0.00	66.96 5.36 0.00	60.99 4.62 0.00	56.34 3.29 0.00	54.40 3.18 0.00	54.51 3.47 0.00	55.90 4.09 0.00	57.13 4.38 0.00	65.02 4.76 0.00	76.18 6.86 0.00	97.05 8.82 0.00	86.41 7.85 -0.01	73.18 6.47 -0.01	65.09 5.10 0.00	60.71 4.50 0.00	55.14 3.70 0.00	51.86 3.89 0.00
WEST CANADA___HYD 24049	44.29 0.18 0.00	43.42 0.17 0.00	41.35 0.17 0.00	41.34 0.17 0.00	41.21 0.16 0.00	43.50 0.17 0.00	63.26 0.25 0.00	76.04 0.15 0.00	61.72 0.12 0.00	56.48 0.11 0.00	53.16 0.11 0.00	51.33 0.10 0.00	51.14 0.10 0.00	51.91 0.10 0.00	52.86 0.11 0.00	60.38 0.12 0.00	69.59 0.28 0.00	88.58 0.35 0.00	78.86 0.32 0.00	66.90 0.20 0.00	60.17 0.18 0.00	56.33 0.11 0.00	51.59 0.15 0.00	48.12 0.14 0.00
WESTERN_NY_WIND 24143	41.06 -3.04 0.00	39.87 -3.37 0.00	38.43 -2.76 0.00	38.05 -3.13 0.00	37.92 -3.12 0.00	40.47 -2.86 0.00	58.35 -4.66 0.00	71.18 -4.70 0.00	56.79 -4.80 0.00	52.37 -4.00 0.00	48.97 -4.08 0.00	47.54 -3.69 0.00	47.06 -3.98 0.00	47.76 -4.04 0.00	48.84 -3.90 0.01	55.49 -4.76 0.01	63.13 -6.17 0.01	81.97 -6.26 0.00	73.05 -5.50 0.00	62.50 -4.20 0.00	56.33 -3.66 0.00	52.33 -3.88 0.00	47.84 -3.60 0.00	44.81 -3.17 0.00
WESTOVER___LESR 323668	43.71 -0.40 0.00	42.77 -0.48 0.00	40.78 -0.41 0.00	40.68 -0.49 0.00	40.59 -0.45 0.00	42.94 -0.39 0.00	62.51 -0.50 0.00	75.28 -0.61 0.00	60.80 -0.80 0.00	55.63 -0.73 0.00	52.31 -0.74 0.00	50.46 -0.77 0.00	50.28 -0.77 0.00	51.08 -0.73 0.00	52.01 -0.74 0.00	59.54 -0.72 0.00	68.62 -0.69 0.00	87.44 -0.79 0.00	77.92 -0.63 0.00	66.24 -0.47 0.00	59.63 -0.36 0.00	55.65 -0.56 0.00	50.92 -0.51 0.00	47.50 -0.48 0.00
WETHRSFD_WT_PWR 323626	40.09 -4.01 0.00	38.83 -4.41 0.00	37.19 -3.99 0.00	37.14 -4.03 0.00	36.98 -4.06 0.00	39.09 -4.24 0.00	56.52 -6.49 0.00	68.37 -7.51 0.00	54.27 -7.33 0.00	49.89 -6.48 0.00	46.63 -6.42 0.00	45.18 -6.05 0.00	44.91 -6.13 0.00	45.64 -6.17 0.00	46.56 -6.17 0.01	53.30 -6.93 0.03	60.96 -8.32 0.03	79.05 -9.18 0.00	70.53 -8.01 0.00	60.30 -6.40 0.00	54.77 -5.22 0.00	50.87 -5.34 0.00	47.07 -4.37 0.00	43.75 -4.22 0.00
WHAVSTOR_138KV_BK127 55557	46.40 2.29 0.00	45.32 2.08 0.00	43.08 1.89 0.00	43.11 1.94 0.00	42.93 1.89 0.00	45.37 2.04 0.00	66.35 3.34 0.00	79.07 3.19 0.00	64.37 2.77 0.00	58.90 2.54 0.00	55.49 2.44 0.00	53.59 2.36 0.00	53.54 2.50 0.00	54.34 2.54 0.00	55.28 2.53 0.00	63.10 2.83 0.00	73.13 3.81 0.00	92.91 4.68 0.00	82.55 4.01 0.00	69.91 3.20 0.00	62.63 2.64 0.00	58.63 2.42 0.00	53.75 2.31 0.00	49.94 1.97 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.40 2.29 0.00	45.32 2.08 0.00	43.08 1.89 0.00	43.11 1.94 0.00	42.93 1.89 0.00	45.37 2.04 0.00	66.35 3.34 0.00	79.07 3.19 0.00	64.37 2.77 0.00	58.90 2.54 0.00	55.49 2.44 0.00	53.59 2.36 0.00	53.54 2.50 0.00	54.34 2.54 0.00	55.28 2.53 0.00	63.10 2.83 0.00	73.13 3.81 0.00	92.91 4.68 0.00	82.55 4.01 0.00	69.91 3.20 0.00	62.63 2.64 0.00	58.63 2.42 0.00	53.75 2.31 0.00	49.94 1.97 0.00
WHITEHAL_115KV_TB1 80871	47.59 3.48 0.00	46.75 3.50 0.00	44.61 3.42 0.00	44.55 3.38 0.00	44.33 3.28 0.00	45.93 2.60 0.00	67.04 4.03 0.00	80.13 4.25 0.00	64.92 3.33 0.00	59.13 2.76 0.00	55.81 2.76 0.00	53.59 2.36 0.00	53.29 2.25 0.00	53.93 2.12 0.00	55.02 2.27 0.00	63.16 2.89 0.00	73.27 3.95 0.00	93.26 5.03 0.00	83.18 4.63 0.00	70.31 3.60 0.00	63.23 3.24 0.00	59.19 2.98 0.00	54.22 2.78 0.00	50.47 2.49 0.00
WHITEPLN_13_KV_LOAD 356215	46.84 2.73 0.00	45.80 2.55 0.00	43.54 2.35 0.00	43.52 2.35 0.00	43.34 2.30 0.00	45.84 2.51 0.00	67.11 4.10 0.00	80.06 4.17 0.00	65.23 3.63 0.00	59.58 3.21 0.00	56.18 3.13 0.00	54.25 3.02 0.00	54.15 3.11 0.00	55.02 3.21 0.00	55.97 3.22 0.00	63.94 3.68 0.00	73.96 4.64 0.00	94.14 5.91 0.00	83.65 5.11 0.00	70.77 4.07 0.00	63.35 3.36 0.00	59.25 3.04 0.00	54.27 2.83 0.00	50.47 2.49 0.00
WM_FLOYD_69_KV_BK2 356380	47.86 3.75 0.00	46.57 3.33 0.00	44.16 2.97 0.00	44.06 2.88 0.00	44.04 3.00 0.00	46.80 3.47 0.00	68.81 5.80 0.00	79.68 3.79 0.00	66.28 4.68 0.00	60.37 4.00 0.00	55.65 2.60 0.00	53.69 2.46 0.00	53.80 2.76 0.00	55.33 3.52 0.00	56.50 3.75 0.00	64.18 3.92 0.00	75.21 5.89 0.00	95.82 7.59 0.00	85.39 6.83 -0.01	72.25 5.54 -0.01	64.19 4.20 0.00	60.04 3.82 0.00	54.58 3.14 0.00	51.43 3.45 0.00
WOODARD___115KV_TB2 355635	43.05 -1.06 0.00	42.12 -1.12 0.00	40.16 -1.03 0.00	40.11 -1.07 0.00	39.98 -1.07 0.00	42.29 -1.04 0.00	61.37 -1.64 0.00	74.06 -1.82 0.00	60.06 -1.54 0.00	55.01 -1.35 0.00	51.72 -1.33 0.00	49.95 -1.28 0.00	49.71 -1.33 0.00	50.56 -1.24 0.00	51.54 -1.21 0.00	58.82 -1.45 0.00	67.51 -1.80 0.00	86.20 -2.03 0.00	76.74 -1.81 0.00	65.24 -1.47 0.00	58.67 -1.32 0.00	54.86 -1.35 0.00	50.10 -1.34 0.00	46.78 -1.20 0.00
WOODMERE_69_KV_BK1 55827	47.77 3.66 0.00	46.57 3.33 0.00	44.16 2.97 0.00	44.10 2.92 0.00	44.00 2.96 0.00	46.67 3.34 0.00	68.49 5.48 0.00	80.06 4.17 0.00	66.16 4.56 0.00	60.37 4.00 0.00	56.18 3.13 0.00	54.25 3.02 0.00	54.31 3.27 0.00	55.53 3.73 0.00	56.65 3.90 0.00	64.54 4.28 0.00	75.35 6.03 0.00	95.91 7.68 0.00	85.24 6.68 -0.01	72.19 5.47 -0.01	64.37 4.38 0.00	60.09 3.88 0.00	54.73 3.29 0.00	51.34 3.36 0.00
YORK___WARBASSE 23770	47.37 3.26 0.00	46.14 2.90 0.00	43.83 2.64 0.00	43.81 2.64 0.00	43.67 2.63 0.00	46.06 2.73 0.00	66.73 3.72 0.00	79.37 3.49 0.00	64.86 3.26 0.00	59.52 3.16 0.00	56.45 3.40 0.00	54.66 3.43 0.00	54.61 3.57 0.00	55.38 3.57 0.00	56.28 3.53 0.00	64.00 3.74 0.00	73.89 4.57 0.00	93.97 5.73 0.00	83.26 4.71 0.00	70.44 3.74 0.00	63.29 3.30 0.00	59.42 3.20 0.00	54.83 3.39 0.00	50.90 2.93 0.00