

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses										--- Marginal Cost of Congestion										06/10/2026		
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	41.19	37.35	34.13	33.38	33.41	35.20	39.94	43.70	43.84	48.58	48.81	50.74	52.54	54.76	57.07	59.28	67.24	75.04	81.96	83.95	71.30	60.39	53.26	47.54														
		1.66	1.61	1.38	1.41	1.35	1.45	1.65	2.36	2.52	2.97	3.19	3.50	3.48	3.82	3.88	3.83	4.87	6.13	6.42	6.29	4.48	3.53	3.30	2.69														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
74TH STREET_GT_1	24260	41.15	37.38	34.16	33.41	33.44	35.20	39.94	43.66	43.79	48.54	48.72	50.69	52.49	54.71	57.01	59.22	67.18	74.77	81.88	83.87	71.30	60.33	53.26	47.58														
		1.62	1.64	1.41	1.44	1.38	1.45	1.65	2.32	2.48	2.92	3.10	3.45	3.43	3.77	3.83	3.77	4.80	5.86	6.34	6.21	4.48	3.47	3.30	2.74														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
74TH STREET_GT_2	24261	41.15	37.38	34.16	33.41	33.44	35.20	39.94	43.66	43.79	48.54	48.72	50.69	52.49	54.71	57.01	59.22	67.18	74.77	81.88	83.87	71.30	60.33	53.26	47.58														
		1.62	1.64	1.41	1.44	1.38	1.45	1.65	2.32	2.48	2.92	3.10	3.45	3.43	3.77	3.83	3.77	4.80	5.86	6.34	6.21	4.48	3.47	3.30	2.74														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
ADK HUDSON___FALLS	24011	42.26	38.31	35.08	34.14	34.30	36.18	40.97	44.24	43.96	48.45	48.45	50.22	52.00	53.13	55.74	58.28	64.87	72.01	78.86	81.31	70.10	60.26	53.96	48.16														
		2.73	2.57	2.33	2.17	2.24	2.43	2.68	2.89	2.64	2.83	2.83	2.98	2.94	2.19	2.55	2.83	2.50	3.10	3.32	3.65	3.27	2.79	2.55	3.32														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.61	-1.45	0.00														
ADK RESOURCE___RCVRY	23798	42.45	38.56	35.34	34.33	34.49	36.42	41.20	44.45	44.13	48.72	48.72	50.50	52.30	54.55	56.00	58.56	65.12	72.36	79.31	81.69	70.56	60.64	55.28	48.48														
		2.93	2.82	2.59	2.37	2.44	2.67	2.91	3.10	2.81	3.10	3.10	3.26	3.24	3.62	2.82	3.10	2.74	3.44	3.78	4.04	3.74	3.18	3.90	3.63														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-1.42	0.00														
ADK S GLENS___FALLS	24028	42.26	38.31	35.08	34.14	34.30	36.18	40.97	44.24	43.96	48.45	48.45	50.22	52.00	53.13	55.74	58.28	64.87	72.01	78.86	81.31	70.10	60.26	53.96	48.16														
		2.73	2.57	2.33	2.17	2.24	2.43	2.68	2.89	2.64	2.83	2.83	2.98	2.94	2.19	2.55	2.83	2.50	3.10	3.32	3.65	3.27	2.79	2.55	3.32														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.61	-1.45	0.00														
ADK_NYS___DAM	23527	41.43	37.52	34.46	33.57	33.73	35.54	40.13	43.37	43.13	47.49	47.49	49.08	50.97	53.08	55.63	58.01	65.37	72.22	78.85	80.61	69.76	60.56	54.69	47.22														
		1.90	1.79	1.70	1.60	1.67	1.79	1.84	2.03	1.82	1.87	1.87	1.84	1.91	2.14	2.45	2.55	2.99	3.31	3.32	2.95	2.94	2.73	2.45	2.38														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.97	-2.28	0.00														
AIR_PRODUCTS___DRP	24190	40.08	36.56	33.54	32.74	32.83	34.56	39.02	42.25	41.81	45.98	45.99	47.57	49.26	51.14	53.50	55.79	62.81	69.46	76.06	78.12	67.23	56.37	48.07	45.56														
		0.55	0.82	0.79	0.77	0.77	0.81	0.73	0.91	0.50	0.36	0.36	0.33	0.20	0.20	0.32	0.33	0.44	0.55	0.53	0.47	0.40	0.45	0.35	0.72														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	2.24	0.00														
AKWESSNE_115KV_BK	355683	39.53	35.88	32.79	32.00	32.12	33.82	38.56	41.51	41.52	45.89	45.76	47.34	49.26	51.09	52.76	55.01	61.75	68.02	74.63	76.80	66.02	56.52	50.06	44.94														
		0.00	0.14	0.03	0.03	0.06	0.07	0.27	0.17	0.21	0.27	0.14	0.09	0.20	0.15	-0.43	-0.44	-0.62	-0.90	-0.91	-0.85	-0.80	-0.34	0.10	0.09														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.75	37.02	34.07	33.21	33.31	35.03	39.44	42.46	42.22	46.53	46.49	47.85	48.82	50.73	53.08	55.34	62.38	69.12	75.91	78.21	67.42	56.53	49.05	46.42														
		1.23	1.28	1.31	1.25	1.25	1.28	1.15	1.12	0.91	0.91	0.86	0.61	-0.24	-0.20	-0.11	-0.11	0.00	0.21	0.38	0.55	0.60	0.63	1.35	1.57														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	2.27	0.00														
ALBANY_2_SOLAR	323834	40.75	37.02	34.07	33.18	33.28	35.03	39.40	42.46	42.22	46.53	46.49	47.85	48.77	50.73	53.08	55.34	62.32	69.12	75.91	78.21	67.42	56.47	49.00	46.37														
		1.23	1.28	1.31	1.21	1.22	1.28	1.11	1.12	0.91	0.91	0.86	0.61	-0.29	-0.20	-0.11	-0.11	-0.06	0.21	0.38	0.55	0.60	0.57	1.30	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	0.96	2.26	0.00														
ALBANY___1	23571	40.08	36.56	33.54	32.74	32.83	34.56	39.02	42.25	41.81	45.98	45.99	47.57	49.26	51.14	53.50	55.79	62.81	69.46	76.06	78.12	67.23	56.37	48.07	45.56														
		0.55	0.82	0.79	0.77	0.77	0.81	0.73	0.91	0.50	0.36	0.36	0.33	0.20	0.20	0.32	0.33	0.44	0.55	0.53	0.47	0.40	0.45	0.35	0.72														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	2.24	0.00														

ALBANY___2 23572	40.08 0.55 0.00	36.56 0.82 0.00	33.54 0.79 0.00	32.74 0.77 0.00	32.83 0.77 0.00	34.56 0.81 0.00	39.02 0.73 0.00	42.25 0.91 0.00	41.81 0.50 0.00	45.98 0.36 0.00	45.99 0.36 0.00	47.57 0.33 0.00	49.26 0.20 0.00	51.14 0.20 0.00	53.50 0.32 0.00	55.79 0.33 0.00	62.81 0.44 0.00	69.46 0.55 0.00	76.06 0.53 0.00	78.12 0.47 0.00	67.23 0.40 0.00	56.37 0.45 0.95	48.07 0.35 2.24	45.56 0.72 0.00
ALBANY___3 23573	40.08 0.55 0.00	36.56 0.82 0.00	33.54 0.79 0.00	32.74 0.77 0.00	32.83 0.77 0.00	34.56 0.81 0.00	39.02 0.73 0.00	42.25 0.91 0.00	41.81 0.50 0.00	45.98 0.36 0.00	45.99 0.36 0.00	47.57 0.33 0.00	49.26 0.20 0.00	51.14 0.20 0.00	53.50 0.32 0.00	55.79 0.33 0.00	62.81 0.44 0.00	69.46 0.55 0.00	76.06 0.53 0.00	78.12 0.47 0.00	67.23 0.40 0.00	56.37 0.45 0.95	48.07 0.35 2.24	45.56 0.72 0.00
ALBANY___4 23574	40.08 0.55 0.00	36.56 0.82 0.00	33.54 0.79 0.00	32.74 0.77 0.00	32.83 0.77 0.00	34.56 0.81 0.00	39.02 0.73 0.00	42.25 0.91 0.00	41.81 0.50 0.00	45.98 0.36 0.00	45.99 0.36 0.00	47.57 0.33 0.00	49.26 0.20 0.00	51.14 0.20 0.00	53.50 0.32 0.00	55.79 0.33 0.00	62.81 0.44 0.00	69.46 0.55 0.00	76.06 0.53 0.00	78.12 0.47 0.00	67.23 0.40 0.00	56.37 0.45 0.95	48.07 0.35 2.24	45.56 0.72 0.00
ALBANY___LFGE 323615	40.40 0.87 0.00	36.70 0.97 0.00	33.83 1.08 0.00	32.96 0.99 0.00	33.09 1.03 0.00	34.86 1.11 0.00	39.17 0.88 0.00	42.30 0.95 0.00	42.14 0.83 0.00	46.48 0.86 0.00	46.53 0.91 0.00	48.00 0.75 0.00	49.80 0.74 0.00	51.75 0.81 0.00	54.19 1.01 0.00	56.50 1.05 0.00	63.56 1.18 0.00	70.36 1.45 0.00	76.97 1.43 0.00	79.06 1.40 0.00	68.09 1.27 0.00	58.20 1.08 -0.27	51.54 0.95 -0.63	46.01 1.16 0.00
ALCOA_PA_115KV_PL-6C 55860	39.77 0.24 0.00	35.99 0.25 0.00	32.85 0.10 0.00	32.10 0.13 0.00	32.22 0.16 0.00	33.92 0.17 0.00	38.68 0.38 0.00	41.59 0.25 0.00	41.61 0.29 0.00	45.98 0.36 0.00	45.85 0.23 0.00	47.38 0.14 0.00	49.31 0.25 0.00	51.19 0.26 0.00	53.08 -0.11 0.00	55.29 -0.17 0.00	62.07 -0.31 0.00	68.36 -0.55 0.00	75.01 -0.53 0.00	77.27 -0.39 0.00	66.43 -0.40 0.00	56.92 0.06 0.00	50.11 0.15 0.00	45.03 0.18 0.00
ALCOA_RYNLDS___DRP 24188	39.61 0.08 0.00	35.99 0.25 0.00	32.85 0.10 0.00	32.10 0.13 0.00	32.22 0.16 0.00	33.92 0.17 0.00	38.68 0.38 0.00	41.59 0.25 0.00	41.60 0.29 0.00	45.98 0.36 0.00	45.85 0.23 0.00	47.38 0.14 0.00	49.35 0.29 0.00	51.19 0.25 0.00	53.08 -0.11 0.00	55.29 -0.17 0.00	62.07 -0.31 0.00	68.36 -0.55 0.00	75.01 -0.53 0.00	77.27 -0.39 0.00	66.42 -0.40 0.00	56.86 0.00 0.00	50.11 0.15 0.00	45.03 0.18 0.00
ALCOA___DSASP 323711	39.61 0.08 0.00	35.99 0.25 0.00	32.85 0.10 0.00	32.10 0.13 0.00	32.22 0.16 0.00	33.92 0.17 0.00	38.68 0.38 0.00	41.59 0.25 0.00	41.60 0.29 0.00	45.98 0.36 0.00	45.85 0.23 0.00	47.38 0.14 0.00	49.35 0.29 0.00	51.19 0.25 0.00	53.08 -0.11 0.00	55.29 -0.17 0.00	62.07 -0.31 0.00	68.36 -0.55 0.00	75.01 -0.53 0.00	77.27 -0.39 0.00	66.42 -0.40 0.00	56.86 0.00 0.00	50.11 0.15 0.00	45.03 0.18 0.00
ALLEGHENY___COGEN 23514	40.12 0.59 0.00	44.62 -0.21 -9.10	34.52 -0.20 -1.96	33.48 -0.16 -1.68	31.91 -0.22 -0.08	33.91 -0.13 -0.30	55.89 -0.11 -17.71	42.90 0.04 -1.52	45.09 -0.21 -3.98	51.47 -0.78 -6.63	44.78 -1.14 -0.30	60.54 -1.08 -14.38	67.29 -0.88 -19.11	78.50 -0.82 -28.38	77.50 -0.69 -25.01	87.70 -0.11 -32.36	109.12 -0.25 -46.99	106.23 1.10 -36.22	103.47 2.42 -25.51	88.36 3.57 -7.13	70.70 3.87 0.00	59.57 2.62 -0.09	51.56 1.60 0.00	45.43 0.58 0.00
ALTAMONT_115KV_TB 2 55880	40.32 0.79 0.00	36.59 0.86 0.00	33.57 0.82 0.00	32.77 0.80 0.00	32.86 0.80 0.00	34.63 0.88 0.00	39.10 0.80 0.00	42.30 0.95 0.00	42.06 0.74 0.00	46.35 0.73 0.00	46.40 0.78 0.00	48.05 0.80 0.00	49.75 0.69 0.00	51.60 0.66 0.00	53.98 0.80 0.00	56.28 0.83 0.00	63.38 1.00 0.00	70.15 1.24 0.00	76.82 1.28 0.00	78.98 1.32 0.00	67.89 1.07 0.00	57.38 1.02 0.51	49.62 0.85 1.19	45.88 1.03 0.00
ALTONA_WT_PWR 323606	39.84 0.31 0.00	36.06 0.32 0.00	32.92 0.16 0.00	32.13 0.16 0.00	32.25 0.19 0.00	33.95 0.20 0.00	38.68 0.38 0.00	41.64 0.29 0.00	41.69 0.37 0.00	46.12 0.50 0.00	46.03 0.41 0.00	47.62 0.38 0.00	49.50 0.44 0.00	51.39 0.46 0.00	53.40 0.21 0.00	55.68 0.22 0.00	62.57 0.19 0.00	68.91 0.00 0.00	75.61 0.08 0.00	77.81 0.16 0.00	66.89 0.07 0.00	57.15 0.29 0.00	50.21 0.25 0.00	44.98 0.13 0.00
AMERICAN_REF_FUEL 24010	35.73 -3.79 0.00	29.46 -3.97 2.31	28.64 -3.60 0.51	28.20 -3.33 0.44	28.42 -3.62 0.02	29.63 -4.02 0.10	29.79 -4.02 4.49	36.69 -4.26 0.40	36.87 -3.43 1.02	39.96 -3.97 1.69	41.37 -4.15 0.10	39.73 -3.87 3.64	40.35 -3.88 4.84	39.99 -3.77 7.18	43.19 -3.67 6.33	44.00 -3.27 8.18	46.97 -4.30 11.10	55.89 -4.34 8.68	63.48 -5.21 6.84	69.99 -5.91 1.76	62.14 -4.68 0.00	52.12 -4.72 0.02	45.67 -4.30 0.00	40.41 -4.44 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.49 -3.04 0.00	29.97 -2.97 2.80	29.42 -2.72 0.62	28.82 -2.62 0.53	29.34 -2.69 0.02	31.00 -2.67 0.08	29.99 -2.87 5.43	38.38 -2.48 0.48	37.81 -2.27 1.23	41.26 -2.32 2.03	43.21 -2.32 0.08	40.54 -2.31 4.39	40.78 -2.45 5.83	39.80 -2.44 8.69	43.29 -2.23 7.66	43.60 -1.94 9.91	46.47 -2.56 13.35	56.80 -1.79 10.32	67.59 -1.81 6.13	74.03 -1.86 1.76	65.35 -1.47 0.00	54.67 -2.16 0.03	47.57 -2.40 0.00	41.53 -3.32 0.00
ARTHUR KILL_GT_1 23520	41.47 1.94 -0.01	37.67 1.93 0.00	34.39 1.64 0.00	33.60 1.63 0.00	33.63 1.57 0.00	35.24 1.49 0.00	39.90 1.61 0.00	43.58 2.23 0.00	43.67 2.35 0.00	48.58 2.97 0.00	48.81 3.19 0.00	50.83 3.59 0.00	52.80 3.73 -0.01	54.87 3.92 -0.01	56.85 3.67 0.00	58.54 3.22 0.13	66.20 4.12 0.29	73.81 5.24 0.33	79.15 5.59 1.98	82.86 5.51 0.31	70.63 3.81 0.00	60.05 3.18 0.00	53.52 3.55 -0.01	47.81 2.96 -0.01
ARTHUR_KILL_2 23512	41.43 1.90 -0.01	37.63 1.89 0.00	34.33 1.57 0.00	33.63 1.66 0.00	33.66 1.60 0.00	35.20 1.45 0.00	40.09 1.80 0.00	43.53 2.19 0.00	43.42 2.11 0.00	48.40 2.78 0.00	48.68 3.06 0.00	50.83 3.59 0.00	52.80 3.73 -0.01	54.56 3.62 -0.01	56.80 3.62 0.00	58.48 3.16 0.13	66.70 4.62 0.29	74.02 5.44 0.33	79.53 5.97 1.98	83.33 5.98 0.31	71.04 4.21 0.00	59.99 3.13 0.00	52.92 2.95 -0.01	47.68 2.83 -0.01
ARTHUR_KILL_3 23513	40.79 1.26 0.00	37.06 1.32 0.00	33.83 1.08 0.00	33.18 1.21 0.00	33.18 1.12 0.00	34.90 1.15 0.00	39.79 1.49 0.00	43.29 1.94 0.00	43.22 1.90 0.00	48.03 2.42 0.00	48.27 2.64 0.00	50.31 3.07 0.00	52.15 3.09 0.00	54.10 3.16 0.00	56.48 3.30 0.00	58.49 3.16 0.12	66.44 4.36 0.30	73.74 5.17 0.34	79.14 5.59 1.98	83.01 5.67 0.32	70.96 4.14 0.01	59.58 2.73 0.01	52.36 2.40 0.00	47.09 2.24 0.00

ARTHUR_KILL_COGEN 323718	41.55 2.01 -0.01	37.74 2.00 0.00	34.43 1.67 0.00	33.73 1.76 0.00	33.73 1.67 0.00	35.30 1.55 0.00	40.21 1.91 0.00	43.66 2.31 0.00	43.54 2.23 0.00	48.54 2.92 0.00	48.81 3.19 0.00	50.97 3.73 0.00	52.94 3.87 -0.01	54.71 3.77 -0.01	57.01 3.83 0.00	58.71 3.38 0.13	66.96 4.87 0.29	74.37 5.79 0.33	79.90 6.35 1.98	83.64 6.29 0.31	71.37 4.55 0.00	60.22 3.35 0.00	53.12 3.15 -0.01	47.81 2.96 -0.01
ASHOKAN____ 23654	41.78 2.25 0.00	37.95 2.22 0.00	34.69 1.93 0.00	33.85 1.89 0.00	33.85 1.79 0.00	35.54 1.79 0.00	40.17 1.88 0.00	43.08 1.74 0.00	42.76 1.45 0.00	47.12 1.50 0.00	47.12 1.50 0.00	48.99 1.75 0.00	50.78 1.72 0.00	52.77 1.83 0.00	55.36 2.18 0.00	57.51 2.05 0.00	65.56 3.18 0.00	73.19 4.27 0.00	80.44 4.91 0.00	83.01 5.35 0.00	70.70 3.87 0.00	60.56 4.44 0.74	51.77 3.55 1.74	47.58 2.74 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.11 1.58 0.00	37.35 1.61 0.00	34.13 1.38 0.00	33.63 1.66 0.00	33.63 1.57 0.00	34.89 1.15 0.01	39.74 1.45 0.01	43.24 1.90 0.01	43.21 1.90 0.01	48.03 2.42 0.01	48.30 2.69 0.01	50.40 3.17 0.01	52.29 3.24 0.01	54.19 3.26 0.01	56.42 3.24 0.01	58.55 3.10 0.01	66.73 4.36 0.01	74.07 5.17 0.01	81.12 5.59 0.01	83.16 5.51 0.01	70.76 3.94 0.01	59.47 2.62 0.01	52.46 2.50 0.00	47.40 2.55 0.00
ASTORIA_EAST_ENERGY_CC2 323582	41.11 1.58 0.00	37.35 1.61 0.00	34.13 1.38 0.00	33.63 1.66 0.00	33.63 1.57 0.00	34.89 1.15 0.01	39.74 1.45 0.01	43.24 1.90 0.01	43.21 1.90 0.01	48.03 2.42 0.01	48.30 2.69 0.01	50.40 3.17 0.01	52.29 3.24 0.01	54.19 3.26 0.01	56.42 3.24 0.01	58.55 3.10 0.01	66.73 4.36 0.01	74.07 5.17 0.01	81.12 5.59 0.01	83.16 5.51 0.01	70.76 3.94 0.01	59.47 2.62 0.01	52.46 2.50 0.00	47.40 2.55 0.00
ASTORIA_GT2_1 24094	41.03 1.50 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.54 1.57 0.00	33.37 1.31 0.00	34.83 1.08 0.00	39.48 1.19 0.00	43.21 1.86 0.00	43.38 2.07 0.00	48.08 2.46 0.00	48.31 2.69 0.00	50.31 3.07 0.00	52.15 3.09 0.00	54.34 3.41 0.01	56.43 3.24 0.00	58.45 2.99 0.00	66.37 3.99 0.00	73.87 4.96 0.00	80.82 5.29 0.00	82.78 5.13 0.00	70.37 3.54 0.00	59.53 2.67 0.00	52.86 2.90 0.00	47.45 2.60 0.00
ASTORIA_GT2_2 24095	41.03 1.50 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.54 1.57 0.00	33.37 1.31 0.00	34.83 1.08 0.00	39.48 1.19 0.00	43.21 1.86 0.00	43.38 2.07 0.00	48.08 2.46 0.00	48.31 2.69 0.00	50.31 3.07 0.00	52.15 3.09 0.00	54.34 3.41 0.01	56.43 3.24 0.00	58.45 2.99 0.00	66.37 3.99 0.00	73.87 4.96 0.00	80.82 5.29 0.00	82.78 5.13 0.00	70.37 3.54 0.00	59.53 2.67 0.00	52.86 2.90 0.00	47.45 2.60 0.00
ASTORIA_GT2_3 24096	41.03 1.50 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.54 1.57 0.00	33.37 1.31 0.00	34.83 1.08 0.00	39.48 1.19 0.00	43.21 1.86 0.00	43.38 2.07 0.00	48.08 2.46 0.00	48.31 2.69 0.00	50.31 3.07 0.00	52.15 3.09 0.00	54.34 3.41 0.01	56.43 3.24 0.00	58.45 2.99 0.00	66.37 3.99 0.00	73.87 4.96 0.00	80.82 5.29 0.00	82.78 5.13 0.00	70.37 3.54 0.00	59.53 2.67 0.00	52.86 2.90 0.00	47.45 2.60 0.00
ASTORIA_GT2_4 24097	41.03 1.50 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.54 1.57 0.00	33.37 1.31 0.00	34.83 1.08 0.00	39.48 1.19 0.00	43.21 1.86 0.00	43.38 2.07 0.00	48.08 2.46 0.00	48.31 2.69 0.00	50.31 3.07 0.00	52.15 3.09 0.00	54.34 3.41 0.01	56.43 3.24 0.00	58.45 2.99 0.00	66.37 3.99 0.00	73.87 4.96 0.00	80.82 5.29 0.00	82.78 5.13 0.00	70.37 3.54 0.00	59.53 2.67 0.00	52.86 2.90 0.00	47.45 2.60 0.00
ASTORIA_GT3_1 24098	41.03 1.50 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.54 1.57 0.00	33.37 1.31 0.00	34.83 1.08 0.00	39.48 1.19 0.00	43.21 1.86 0.00	43.38 2.07 0.00	48.08 2.46 0.00	48.31 2.69 0.00	50.31 3.07 0.00	52.15 3.09 0.00	54.34 3.41 0.01	56.43 3.24 0.00	58.45 2.99 0.00	66.37 3.99 0.00	73.87 4.96 0.00	80.82 5.29 0.00	82.78 5.13 0.00	70.37 3.54 0.00	59.53 2.67 0.00	52.86 2.90 0.00	47.45 2.60 0.00
ASTORIA_GT3_2 24099	41.03 1.50 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.54 1.57 0.00	33.37 1.31 0.00	34.83 1.08 0.00	39.48 1.19 0.00	43.21 1.86 0.00	43.38 2.07 0.00	48.08 2.46 0.00	48.31 2.69 0.00	50.31 3.07 0.00	52.15 3.09 0.00	54.34 3.41 0.01	56.43 3.24 0.00	58.45 2.99 0.00	66.37 3.99 0.00	73.87 4.96 0.00	80.82 5.29 0.00	82.78 5.13 0.00	70.37 3.54 0.00	59.53 2.67 0.00	52.86 2.90 0.00	47.45 2.60 0.00
ASTORIA_GT3_3 24100	41.03 1.50 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.54 1.57 0.00	33.37 1.31 0.00	34.83 1.08 0.00	39.48 1.19 0.00	43.21 1.86 0.00	43.38 2.07 0.00	48.08 2.46 0.00	48.31 2.69 0.00	50.31 3.07 0.00	52.15 3.09 0.00	54.34 3.41 0.01	56.43 3.24 0.00	58.45 2.99 0.00	66.37 3.99 0.00	73.87 4.96 0.00	80.82 5.29 0.00	82.78 5.13 0.00	70.37 3.54 0.00	59.53 2.67 0.00	52.86 2.90 0.00	47.45 2.60 0.00
ASTORIA_GT3_4 24101	41.03 1.50 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.54 1.57 0.00	33.37 1.31 0.00	34.83 1.08 0.00	39.48 1.19 0.00	43.21 1.86 0.00	43.38 2.07 0.00	48.08 2.46 0.00	48.31 2.69 0.00	50.31 3.07 0.00	52.15 3.09 0.00	54.34 3.41 0.01	56.43 3.24 0.00	58.45 2.99 0.00	66.37 3.99 0.00	73.87 4.96 0.00	80.82 5.29 0.00	82.78 5.13 0.00	70.37 3.54 0.00	59.53 2.67 0.00	52.86 2.90 0.00	47.45 2.60 0.00
ASTORIA_GT4_1 24102	41.03 1.50 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.54 1.57 0.00	33.37 1.31 0.00	34.83 1.08 0.00	39.48 1.19 0.00	43.21 1.86 0.00	43.38 2.07 0.00	48.08 2.46 0.00	48.31 2.69 0.00	50.31 3.07 0.00	52.15 3.09 0.00	54.34 3.41 0.01	56.43 3.24 0.00	58.45 2.99 0.00	66.37 3.99 0.00	73.87 4.96 0.00	80.82 5.29 0.00	82.78 5.13 0.00	70.37 3.54 0.00	59.53 2.67 0.00	52.86 2.90 0.00	47.45 2.60 0.00
ASTORIA_GT4_2 24103	41.03 1.50 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.54 1.57 0.00	33.37 1.31 0.00	34.83 1.08 0.00	39.48 1.19 0.00	43.21 1.86 0.00	43.38 2.07 0.00	48.08 2.46 0.00	48.31 2.69 0.00	50.31 3.07 0.00	52.15 3.09 0.00	54.34 3.41 0.01	56.43 3.24 0.00	58.45 2.99 0.00	66.37 3.99 0.00	73.87 4.96 0.00	80.82 5.29 0.00	82.78 5.13 0.00	70.37 3.54 0.00	59.53 2.67 0.00	52.86 2.90 0.00	47.45 2.60 0.00
ASTORIA_GT4_3 24104	41.03 1.50 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.54 1.57 0.00	33.37 1.31 0.00	34.83 1.08 0.00	39.48 1.19 0.00	43.21 1.86 0.00	43.38 2.07 0.00	48.08 2.46 0.00	48.31 2.69 0.00	50.31 3.07 0.00	52.15 3.09 0.00	54.34 3.41 0.01	56.43 3.24 0.00	58.45 2.99 0.00	66.37 3.99 0.00	73.87 4.96 0.00	80.82 5.29 0.00	82.78 5.13 0.00	70.37 3.54 0.00	59.53 2.67 0.00	52.86 2.90 0.00	47.45 2.60 0.00

ASTORIA_GT4_4 24105	41.03 1.50 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.54 1.57 0.00	33.37 1.31 0.00	34.83 1.08 0.00	39.48 1.19 0.00	43.21 1.86 0.00	43.38 2.07 0.00	48.08 2.46 0.00	48.31 2.69 0.00	50.31 3.07 0.00	52.15 3.09 0.00	54.34 3.41 0.01	56.43 3.24 0.00	58.45 2.99 0.00	66.37 3.99 0.00	73.87 4.96 0.00	80.82 5.29 0.00	82.78 5.13 0.00	70.37 3.54 0.00	59.53 2.67 0.00	52.86 2.90 0.00	47.45 2.60 0.00
ASTORIA_GT_1 23523	41.11 1.58 0.00	37.31 1.57 0.00	34.07 1.31 0.00	33.57 1.60 0.00	33.41 1.35 0.00	34.90 1.15 0.00	39.56 1.26 0.00	43.29 1.94 0.00	43.46 2.15 0.00	48.22 2.60 0.00	48.45 2.83 0.00	50.41 3.17 0.00	52.25 3.19 0.00	54.44 3.51 0.01	56.53 3.35 0.00	58.61 3.16 0.00	66.49 4.12 0.00	74.08 5.17 0.00	81.05 5.51 0.00	83.02 5.36 0.00	70.50 3.68 0.00	59.70 2.84 0.00	52.96 3.00 0.00	47.54 2.69 0.00
ASTORIA_GT_10 24110	41.03 1.50 0.00	37.27 1.54 0.00	34.07 1.31 0.00	33.38 1.41 0.00	33.34 1.28 0.00	35.00 1.25 0.00	39.67 1.38 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.26 2.65 0.00	48.49 2.87 0.00	50.45 3.21 0.00	52.30 3.24 0.00	54.46 3.51 -0.01	56.64 3.46 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.12 5.59 0.00	83.09 5.44 0.00	70.63 3.81 0.00	59.82 2.96 0.00	52.96 3.00 0.00	47.40 2.56 0.00
ASTORIA_GT_11 24225	41.03 1.50 0.00	37.27 1.54 0.00	34.07 1.31 0.00	33.38 1.41 0.00	33.34 1.28 0.00	35.00 1.25 0.00	39.67 1.38 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.26 2.65 0.00	48.49 2.87 0.00	50.45 3.21 0.00	52.30 3.24 0.00	54.46 3.51 -0.01	56.64 3.46 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.12 5.59 0.00	83.09 5.44 0.00	70.63 3.81 0.00	59.82 2.96 0.00	52.96 3.00 0.00	47.40 2.56 0.00
ASTORIA_GT_12 24226	41.03 1.50 0.00	37.27 1.54 0.00	34.07 1.31 0.00	33.38 1.41 0.00	33.34 1.28 0.00	35.00 1.25 0.00	39.67 1.38 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.26 2.65 0.00	48.49 2.87 0.00	50.45 3.21 0.00	52.30 3.24 0.00	54.46 3.51 -0.01	56.64 3.46 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.12 5.59 0.00	83.09 5.44 0.00	70.63 3.81 0.00	59.82 2.96 0.00	52.96 3.00 0.00	47.40 2.56 0.00
ASTORIA_GT_13 24227	41.03 1.50 0.00	37.27 1.54 0.00	34.07 1.31 0.00	33.38 1.41 0.00	33.34 1.28 0.00	35.00 1.25 0.00	39.67 1.38 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.26 2.65 0.00	48.49 2.87 0.00	50.45 3.21 0.00	52.30 3.24 0.00	54.46 3.51 -0.01	56.64 3.46 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.12 5.59 0.00	83.09 5.44 0.00	70.63 3.81 0.00	59.82 2.96 0.00	52.96 3.00 0.00	47.40 2.56 0.00
ASTORIA_GT_5 24106	41.11 1.58 0.00	37.31 1.57 0.00	34.07 1.31 0.00	33.57 1.60 0.00	33.41 1.35 0.00	34.90 1.15 0.00	39.56 1.26 0.00	43.29 1.94 0.00	43.46 2.15 0.00	48.22 2.60 0.00	48.45 2.83 0.00	50.41 3.17 0.00	52.25 3.19 0.00	54.44 3.51 0.01	56.53 3.35 0.00	58.61 3.16 0.00	66.49 4.12 0.00	74.08 5.17 0.00	81.05 5.51 0.00	83.02 5.36 0.00	70.50 3.68 0.00	59.70 2.84 0.00	52.96 3.00 0.00	47.54 2.69 0.00
ASTORIA_GT_7 24107	41.11 1.58 0.00	37.31 1.57 0.00	34.07 1.31 0.00	33.57 1.60 0.00	33.41 1.35 0.00	34.90 1.15 0.00	39.56 1.26 0.00	43.29 1.94 0.00	43.46 2.15 0.00	48.22 2.60 0.00	48.45 2.83 0.00	50.41 3.17 0.00	52.25 3.19 0.00	54.44 3.51 0.01	56.53 3.35 0.00	58.61 3.16 0.00	66.49 4.12 0.00	74.08 5.17 0.00	81.05 5.51 0.00	83.02 5.36 0.00	70.50 3.68 0.00	59.70 2.84 0.00	52.96 3.00 0.00	47.54 2.69 0.00
ASTORIA_GT_8 24108	41.11 1.58 0.00	37.31 1.57 0.00	34.07 1.31 0.00	33.57 1.60 0.00	33.41 1.35 0.00	34.90 1.15 0.00	39.56 1.26 0.00	43.29 1.94 0.00	43.46 2.15 0.00	48.22 2.60 0.00	48.45 2.83 0.00	50.41 3.17 0.00	52.25 3.19 0.00	54.44 3.51 0.01	56.53 3.35 0.00	58.61 3.16 0.00	66.49 4.12 0.00	74.08 5.17 0.00	81.05 5.51 0.00	83.02 5.36 0.00	70.50 3.68 0.00	59.70 2.84 0.00	52.96 3.00 0.00	47.54 2.69 0.00
ASTORIA___2 24149	41.11 1.58 0.00	37.35 1.61 0.00	34.16 1.41 0.00	33.63 1.66 0.00	33.63 1.57 0.00	34.89 1.15 0.01	39.78 1.49 0.01	43.28 1.94 0.01	43.21 1.90 0.01	48.07 2.46 0.01	48.35 2.74 0.01	50.45 3.21 0.01	52.29 3.24 0.01	54.19 3.26 0.01	56.47 3.30 0.01	58.55 3.10 0.01	66.80 4.43 0.01	74.14 5.23 0.01	81.12 5.59 0.01	83.24 5.59 0.01	70.76 3.94 0.01	59.47 2.62 0.01	52.46 2.50 0.00	47.40 2.55 0.00
ASTORIA___3 23516	41.11 1.58 0.00	37.38 1.64 0.00	34.13 1.38 0.00	33.47 1.50 0.00	33.50 1.44 0.00	35.07 1.31 0.00	39.98 1.68 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.26 2.64 0.00	48.50 2.88 0.00	50.60 3.35 0.00	52.44 3.38 0.00	54.36 3.41 -0.01	56.69 3.51 0.00	58.78 3.33 0.00	66.99 4.62 0.00	74.35 5.44 0.00	81.43 5.90 0.00	83.49 5.83 0.00	71.04 4.21 0.00	59.76 2.90 0.00	52.56 2.60 0.00	47.40 2.55 0.00
ASTORIA___4 23517	41.03 1.50 0.00	37.27 1.54 0.00	34.07 1.31 0.00	33.38 1.41 0.00	33.34 1.28 0.00	35.00 1.25 0.00	39.67 1.38 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.26 2.65 0.00	48.49 2.87 0.00	50.45 3.21 0.00	52.30 3.24 0.00	54.46 3.51 -0.01	56.64 3.46 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.12 5.59 0.00	83.09 5.44 0.00	70.63 3.81 0.00	59.82 2.96 0.00	52.96 3.00 0.00	47.40 2.56 0.00
ASTORIA___5 23518	41.11 1.58 0.00	37.38 1.64 0.00	34.13 1.38 0.00	33.47 1.50 0.00	33.50 1.44 0.00	35.07 1.31 0.00	39.98 1.68 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.26 2.64 0.00	48.50 2.88 0.00	50.60 3.35 0.00	52.44 3.38 0.00	54.36 3.41 -0.01	56.69 3.51 0.00	58.78 3.33 0.00	66.99 4.62 0.00	74.35 5.44 0.00	81.43 5.90 0.00	83.49 5.83 0.00	71.04 4.21 0.00	59.76 2.90 0.00	52.56 2.60 0.00	47.40 2.55 0.00
AST_ENERGY_2_CC3 323677	40.99 1.46 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.34 1.37 0.00	33.34 1.28 0.00	35.07 1.31 0.00	39.94 1.65 0.00	43.41 2.07 0.00	43.34 2.02 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.46 3.21 0.00	52.25 3.19 0.00	54.20 3.26 0.00	56.59 3.41 0.00	58.78 3.33 0.00	66.93 4.55 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.49 5.83 0.00	71.10 4.28 0.00	59.76 2.90 0.00	52.51 2.55 0.00	47.27 2.42 0.00
AST_ENERGY_2_CC4 323678	40.99 1.46 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.34 1.37 0.00	33.34 1.28 0.00	35.07 1.31 0.00	39.94 1.65 0.00	43.41 2.07 0.00	43.34 2.02 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.46 3.21 0.00	52.25 3.19 0.00	54.20 3.26 0.00	56.59 3.41 0.00	58.78 3.33 0.00	66.93 4.55 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.49 5.83 0.00	71.10 4.28 0.00	59.76 2.90 0.00	52.51 2.55 0.00	47.27 2.42 0.00

ATHENS_STG_1 23668	40.20 0.67 0.00	36.56 0.82 0.00	33.54 0.78 0.00	32.73 0.77 0.00	32.83 0.77 0.00	34.56 0.81 0.00	38.98 0.69 0.00	42.21 0.87 0.00	42.10 0.78 0.00	46.53 0.91 0.00	46.67 1.05 0.00	48.37 1.13 0.00	50.14 1.08 0.00	52.06 1.12 0.00	54.46 1.27 0.00	56.67 1.22 0.00	64.00 1.62 0.00	70.84 1.93 0.00	77.58 2.04 0.00	79.67 2.02 0.00	68.36 1.54 0.00	57.94 1.08 0.00	50.96 1.00 0.00	45.88 1.03 0.00
ATHENS_STG_2 23670	40.20 0.67 0.00	36.56 0.82 0.00	33.54 0.78 0.00	32.73 0.77 0.00	32.83 0.77 0.00	34.56 0.81 0.00	38.98 0.69 0.00	42.21 0.87 0.00	42.10 0.78 0.00	46.53 0.91 0.00	46.67 1.05 0.00	48.37 1.13 0.00	50.14 1.08 0.00	52.06 1.12 0.00	54.46 1.27 0.00	56.67 1.22 0.00	64.00 1.62 0.00	70.84 1.93 0.00	77.58 2.04 0.00	79.67 2.02 0.00	68.36 1.54 0.00	57.94 1.08 0.00	50.96 1.00 0.00	45.88 1.03 0.00
ATHENS_STG_3 23677	40.20 0.67 0.00	36.56 0.82 0.00	33.54 0.78 0.00	32.73 0.77 0.00	32.83 0.77 0.00	34.56 0.81 0.00	38.98 0.69 0.00	42.21 0.87 0.00	42.10 0.78 0.00	46.53 0.91 0.00	46.67 1.05 0.00	48.37 1.13 0.00	50.14 1.08 0.00	52.06 1.12 0.00	54.46 1.27 0.00	56.67 1.22 0.00	64.00 1.62 0.00	70.84 1.93 0.00	77.58 2.04 0.00	79.67 2.02 0.00	68.36 1.54 0.00	57.94 1.08 0.00	50.96 1.00 0.00	45.88 1.03 0.00
AUBURN___LFGE 323710	39.69 0.16 0.00	36.29 -0.11 -0.66	32.77 -0.13 -0.14	31.96 -0.13 -0.12	31.94 -0.13 -0.01	33.64 -0.14 -0.02	39.46 -0.11 -1.29	41.29 -0.17 -0.11	42.26 0.04 -0.91	47.32 0.09 -1.62	47.00 0.05 -1.33	49.70 0.00 -2.46	52.16 0.05 -3.05	55.05 0.15 -3.96	57.23 0.21 -3.84	59.51 0.39 -3.67	67.01 0.37 -4.26	72.52 0.76 -2.85	79.20 0.98 -2.68	80.12 1.24 -1.22	68.09 1.27 0.00	57.49 0.63 -0.01	50.16 0.20 0.00	45.21 -0.04 -0.41
BABYLON_RES_REC 323704	41.90 2.37 0.00	37.77 2.04 0.00	34.39 1.64 0.00	33.53 1.57 0.00	33.57 1.51 0.00	35.61 1.86 0.00	40.40 2.10 0.00	44.03 2.69 0.00	43.54 2.23 0.00	47.67 2.05 0.00	48.22 2.60 0.00	50.27 3.03 0.00	51.51 2.45 0.00	53.48 2.55 0.01	55.89 2.71 0.00	57.83 2.38 0.01	65.81 3.43 0.00	73.05 4.13 0.00	80.25 4.46 -0.26	82.48 4.66 -0.16	70.60 3.41 -0.37	59.13 2.11 -0.16	51.06 1.10 0.00	47.49 2.65 0.00
BALL_HILL_WT_PWR 323825	36.96 -2.57 0.00	30.15 -2.57 3.02	29.73 -2.36 0.67	29.09 -2.30 0.57	29.59 -2.44 0.03	31.23 -2.43 0.09	29.80 -2.64 5.85	38.55 -2.27 0.52	37.96 -2.02 1.33	41.28 -2.14 2.19	43.43 -2.10 0.09	40.49 -2.03 4.73	40.73 -2.06 6.27	39.59 -1.99 9.36	43.18 -1.75 8.25	43.39 -1.38 10.67	45.81 -2.00 14.56	56.27 -1.38 11.26	67.04 -1.66 6.83	73.77 -1.94 1.95	65.22 -1.60 0.00	54.56 -2.28 0.03	47.57 -2.40 0.00	41.66 -3.18 0.00
BARON_WINDS___WT_PWR 323822	38.58 -0.95 0.00	21.57 -1.11 13.06	28.85 -1.08 2.83	28.50 -1.05 2.42	30.86 -1.09 0.11	32.31 -1.01 0.43	11.88 -1.00 25.42	38.33 -0.83 2.19	35.18 -0.58 5.56	35.65 -0.73 9.23	44.66 -0.87 0.09	25.93 -1.04 20.27	21.15 -0.93 26.98	9.73 -0.97 40.24	16.96 -0.85 35.37	8.74 -0.61 46.10	-6.00 -1.12 67.26	16.41 -0.55 51.94	39.46 -0.30 35.77	67.69 -0.08 9.89	66.82 0.00 0.00	55.93 -0.80 0.13	48.82 -1.15 0.00	43.12 -1.84 -0.12
BARRETT_IC_1 23704	41.43 1.90 0.00	37.42 1.68 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.27 1.52 0.00	40.06 1.76 0.00	43.58 2.23 0.00	43.18 1.86 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.98 2.74 0.00	51.32 2.26 0.00	53.22 2.29 0.01	55.58 2.40 0.00	57.72 2.27 0.01	65.74 3.37 0.00	72.91 4.00 0.00	79.84 4.30 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.73 1.87 0.00	51.01 1.05 0.00	47.27 2.42 0.00
BARRETT_IC_10 23701	41.43 1.90 0.00	37.42 1.68 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.27 1.52 0.00	40.06 1.76 0.00	43.58 2.23 0.00	43.18 1.86 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.98 2.74 0.00	51.32 2.26 0.00	53.22 2.29 0.01	55.58 2.40 0.00	57.72 2.27 0.01	65.74 3.37 0.00	72.91 4.00 0.00	79.84 4.30 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.73 1.87 0.00	51.01 1.05 0.00	47.27 2.42 0.00
BARRETT_IC_11 23702	41.43 1.90 0.00	37.42 1.68 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.27 1.52 0.00	40.06 1.76 0.00	43.58 2.23 0.00	43.18 1.86 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.98 2.74 0.00	51.32 2.26 0.00	53.22 2.29 0.01	55.58 2.40 0.00	57.72 2.27 0.01	65.74 3.37 0.00	72.91 4.00 0.00	79.84 4.30 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.73 1.87 0.00	51.01 1.05 0.00	47.27 2.42 0.00
BARRETT_IC_12 23703	41.43 1.90 0.00	37.42 1.68 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.27 1.52 0.00	40.06 1.76 0.00	43.58 2.23 0.00	43.18 1.86 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.98 2.74 0.00	51.32 2.26 0.00	53.22 2.29 0.01	55.58 2.40 0.00	57.72 2.27 0.01	65.74 3.37 0.00	72.91 4.00 0.00	79.84 4.30 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.73 1.87 0.00	51.01 1.05 0.00	47.27 2.42 0.00
BARRETT_IC_2 23705	41.43 1.90 0.00	37.42 1.68 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.27 1.52 0.00	40.06 1.76 0.00	43.58 2.23 0.00	43.18 1.86 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.98 2.74 0.00	51.32 2.26 0.00	53.22 2.29 0.01	55.58 2.40 0.00	57.72 2.27 0.01	65.74 3.37 0.00	72.91 4.00 0.00	79.84 4.30 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.73 1.87 0.00	51.01 1.05 0.00	47.27 2.42 0.00
BARRETT_IC_3 23706	41.43 1.90 0.00	37.42 1.68 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.27 1.52 0.00	40.06 1.76 0.00	43.58 2.23 0.00	43.18 1.86 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.98 2.74 0.00	51.32 2.26 0.00	53.22 2.29 0.01	55.58 2.40 0.00	57.72 2.27 0.01	65.74 3.37 0.00	72.91 4.00 0.00	79.84 4.30 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.73 1.87 0.00	51.01 1.05 0.00	47.27 2.42 0.00
BARRETT_IC_4 23707	41.43 1.90 0.00	37.42 1.68 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.27 1.52 0.00	40.06 1.76 0.00	43.58 2.23 0.00	43.18 1.86 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.98 2.74 0.00	51.32 2.26 0.00	53.22 2.29 0.01	55.58 2.40 0.00	57.72 2.27 0.01	65.74 3.37 0.00	72.91 4.00 0.00	79.84 4.30 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.73 1.87 0.00	51.01 1.05 0.00	47.27 2.42 0.00
BARRETT_IC_5 23708	41.43 1.90 0.00	37.42 1.68 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.27 1.52 0.00	40.06 1.76 0.00	43.58 2.23 0.00	43.18 1.86 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.98 2.74 0.00	51.32 2.26 0.00	53.22 2.29 0.01	55.58 2.40 0.00	57.72 2.27 0.01	65.74 3.37 0.00	72.91 4.00 0.00	79.84 4.30 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.73 1.87 0.00	51.01 1.05 0.00	47.27 2.42 0.00

BARRETT_IC_6 23709	41.43 1.90 0.00	37.42 1.68 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.27 1.52 0.00	40.06 1.76 0.00	43.58 2.23 0.00	43.18 1.86 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.98 2.74 0.00	51.32 2.26 0.00	53.22 2.29 0.01	55.58 2.40 0.00	57.72 2.27 0.01	65.74 3.37 0.00	72.91 4.00 0.00	79.84 4.30 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.73 1.87 0.00	51.01 1.05 0.00	47.27 2.42 0.00
BARRETT_IC_7 23710	41.15 1.62 0.00	37.27 1.54 0.00	34.07 1.31 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.20 1.45 0.00	39.71 1.42 0.00	43.41 2.07 0.00	43.38 2.07 0.00	47.40 1.78 0.00	47.99 2.37 0.00	49.75 2.50 0.00	51.22 2.16 0.00	53.32 2.39 0.01	55.74 2.55 0.00	57.89 2.44 0.01	65.56 3.18 0.00	73.05 4.13 0.00	80.14 4.61 0.00	81.93 4.27 0.00	69.70 2.87 0.00	59.48 2.62 0.00	53.01 3.05 0.00	47.67 2.83 0.00
BARRETT_IC_8 23711	41.43 1.90 0.00	37.42 1.68 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.27 1.52 0.00	40.06 1.76 0.00	43.58 2.23 0.00	43.18 1.86 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.98 2.74 0.00	51.32 2.26 0.00	53.22 2.29 0.01	55.58 2.40 0.00	57.72 2.27 0.01	65.74 3.37 0.00	72.91 4.00 0.00	79.84 4.30 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.73 1.87 0.00	51.01 1.05 0.00	47.27 2.42 0.00
BARRETT_IC_9 23700	41.43 1.90 0.00	37.42 1.68 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.27 1.52 0.00	40.06 1.76 0.00	43.58 2.23 0.00	43.18 1.86 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.98 2.74 0.00	51.32 2.26 0.00	53.22 2.29 0.01	55.58 2.40 0.00	57.72 2.27 0.01	65.74 3.37 0.00	72.91 4.00 0.00	79.84 4.30 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.73 1.87 0.00	51.01 1.05 0.00	47.27 2.42 0.00
BARRETT___1 23545	41.43 1.90 0.00	37.42 1.68 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.27 1.52 0.00	40.06 1.76 0.00	43.58 2.23 0.00	43.18 1.86 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.98 2.74 0.00	51.32 2.26 0.00	53.22 2.29 0.01	55.58 2.40 0.00	57.72 2.27 0.01	65.74 3.37 0.00	72.91 4.00 0.00	79.84 4.30 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.73 1.87 0.00	51.01 1.05 0.00	47.27 2.42 0.00
BARRETT___2 23546	41.43 1.90 0.00	37.42 1.68 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.27 1.52 0.00	40.06 1.76 0.00	43.58 2.23 0.00	43.18 1.86 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.98 2.74 0.00	51.32 2.26 0.00	53.22 2.29 0.01	55.58 2.40 0.00	57.72 2.27 0.01	65.74 3.37 0.00	72.91 4.00 0.00	79.84 4.30 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.73 1.87 0.00	51.01 1.05 0.00	47.27 2.42 0.00
BATAVIA__115KV_TB1 55881	37.87 -1.66 0.00	31.87 -2.14 1.72	30.44 -1.93 0.38	29.79 -1.85 0.32	29.99 -2.05 0.02	31.39 -2.30 0.06	32.73 -2.22 3.34	39.15 -1.90 0.29	39.11 -1.45 0.76	42.63 -1.73 1.26	43.73 -1.82 0.06	42.97 -1.56 2.72	43.83 -1.62 3.61	44.16 -1.43 5.35	47.14 -1.33 4.72	48.57 -0.78 6.10	52.58 -0.94 8.86	61.22 -0.83 6.86	69.68 -0.91 4.95	75.23 -1.16 1.26	66.42 -0.40 0.00	54.85 -1.99 0.02	47.92 -2.05 0.00	42.78 -2.06 0.00
BAYONEEC___CTG1 323682	40.99 1.46 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.03 1.28 0.00	39.94 1.65 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.50 3.26 0.00	52.30 3.24 0.00	54.25 3.31 0.00	56.64 3.45 0.00	58.78 3.33 0.00	66.99 4.62 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.56 5.90 0.00	71.17 4.34 0.00	59.76 2.90 0.00	52.51 2.55 0.00	47.27 2.42 0.00
BAYONEEC___CTG10 323750	40.99 1.46 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.03 1.28 0.00	39.94 1.65 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.50 3.26 0.00	52.30 3.24 0.00	54.25 3.31 0.00	56.64 3.45 0.00	58.78 3.33 0.00	66.99 4.62 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.56 5.90 0.00	71.17 4.34 0.00	59.76 2.90 0.00	52.51 2.55 0.00	47.27 2.42 0.00
BAYONEEC___CTG2 323683	40.99 1.46 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.03 1.28 0.00	39.94 1.65 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.50 3.26 0.00	52.30 3.24 0.00	54.25 3.31 0.00	56.64 3.45 0.00	58.78 3.33 0.00	66.99 4.62 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.56 5.90 0.00	71.17 4.34 0.00	59.76 2.90 0.00	52.51 2.55 0.00	47.27 2.42 0.00
BAYONEEC___CTG3 323684	40.99 1.46 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.03 1.28 0.00	39.94 1.65 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.50 3.26 0.00	52.30 3.24 0.00	54.25 3.31 0.00	56.64 3.45 0.00	58.78 3.33 0.00	66.99 4.62 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.56 5.90 0.00	71.17 4.34 0.00	59.76 2.90 0.00	52.51 2.55 0.00	47.27 2.42 0.00
BAYONEEC___CTG4 323685	40.99 1.46 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.03 1.28 0.00	39.94 1.65 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.50 3.26 0.00	52.30 3.24 0.00	54.25 3.31 0.00	56.64 3.45 0.00	58.78 3.33 0.00	66.99 4.62 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.56 5.90 0.00	71.17 4.34 0.00	59.76 2.90 0.00	52.51 2.55 0.00	47.27 2.42 0.00
BAYONEEC___CTG5 323686	40.99 1.46 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.03 1.28 0.00	39.94 1.65 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.50 3.26 0.00	52.30 3.24 0.00	54.25 3.31 0.00	56.64 3.45 0.00	58.78 3.33 0.00	66.99 4.62 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.56 5.90 0.00	71.17 4.34 0.00	59.76 2.90 0.00	52.51 2.55 0.00	47.27 2.42 0.00
BAYONEEC___CTG6 323687	40.99 1.46 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.03 1.28 0.00	39.94 1.65 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.50 3.26 0.00	52.30 3.24 0.00	54.25 3.31 0.00	56.64 3.45 0.00	58.78 3.33 0.00	66.99 4.62 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.56 5.90 0.00	71.17 4.34 0.00	59.76 2.90 0.00	52.51 2.55 0.00	47.27 2.42 0.00
BAYONEEC___CTG7 323688	40.99 1.46 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.03 1.28 0.00	39.94 1.65 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.50 3.26 0.00	52.30 3.24 0.00	54.25 3.31 0.00	56.64 3.45 0.00	58.78 3.33 0.00	66.99 4.62 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.56 5.90 0.00	71.17 4.34 0.00	59.76 2.90 0.00	52.51 2.55 0.00	47.27 2.42 0.00

BAYONEEC___CTG8 323689	40.99 1.46 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.03 1.28 0.00	39.94 1.65 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.50 3.26 0.00	52.30 3.24 0.00	54.25 3.31 0.00	56.64 3.45 0.00	58.78 3.33 0.00	66.99 4.62 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.56 5.90 0.00	71.17 4.34 0.00	59.76 2.90 0.00	52.51 2.55 0.00	47.27 2.42 0.00
BAYONEEC___CTG9 323749	40.99 1.46 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.03 1.28 0.00	39.94 1.65 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.50 3.26 0.00	52.30 3.24 0.00	54.25 3.31 0.00	56.64 3.45 0.00	58.78 3.33 0.00	66.99 4.62 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.56 5.90 0.00	71.17 4.34 0.00	59.76 2.90 0.00	52.51 2.55 0.00	47.27 2.42 0.00
BAYPORT_69_KV_BK 2 356364	42.02 2.49 0.00	38.02 2.29 0.00	34.75 2.00 0.00	33.82 1.85 0.00	33.85 1.80 0.00	35.98 2.23 0.00	40.51 2.22 0.00	44.36 3.02 0.00	44.29 2.97 0.00	48.03 2.42 0.00	48.68 3.06 0.00	50.45 3.21 0.00	51.86 2.80 0.00	54.19 3.26 0.01	56.85 3.67 0.00	59.05 3.60 0.01	66.93 4.55 0.00	74.84 5.93 0.00	84.54 6.72 -2.28	85.47 6.37 -1.44	73.11 4.61 -1.67	61.88 4.26 -0.75	54.16 4.20 0.00	48.52 3.68 0.00
BEACON___LESR 323632	40.55 1.03 0.00	36.81 1.07 0.00	33.93 1.18 0.00	33.06 1.09 0.00	33.18 1.12 0.00	35.00 1.25 0.00	39.33 1.03 0.00	42.46 1.12 0.00	42.27 0.95 0.00	46.67 1.05 0.00	46.67 1.05 0.00	48.09 0.85 0.00	49.84 0.78 0.00	51.86 0.92 0.00	54.30 1.12 0.00	56.67 1.22 0.00	63.81 1.44 0.00	70.63 1.72 0.00	77.34 1.81 0.00	79.45 1.79 0.00	68.43 1.60 0.00	56.31 1.31 1.86	46.72 1.15 4.40	46.24 1.39 0.00
BEAVER RIVER___HYD 24048	40.71 1.18 0.00	36.74 1.00 0.00	33.57 0.82 0.00	32.73 0.77 0.00	32.80 0.74 0.00	34.59 0.84 0.00	39.40 1.11 0.00	42.38 1.03 0.00	42.35 1.03 0.00	46.89 1.28 0.00	46.40 0.77 0.00	47.90 0.66 0.00	50.04 0.98 0.00	51.50 0.56 0.00	53.87 0.69 0.00	55.89 0.44 0.00	62.57 0.19 0.00	69.53 0.62 0.00	76.67 1.13 0.00	79.60 1.94 0.00	68.50 1.67 0.00	58.68 1.82 0.00	51.21 1.25 0.00	46.10 1.25 0.00
BEEBEE_GT_13 23619	38.54 -0.99 0.00	33.45 -1.82 0.47	31.02 -1.64 0.10	30.32 -1.57 0.09	30.45 -1.60 0.00	31.98 -1.76 0.02	35.47 -1.91 0.91	39.61 -1.65 0.08	39.83 -1.28 0.20	43.95 -1.32 0.34	44.33 -1.28 0.02	45.32 -1.18 0.74	46.85 -1.23 0.98	48.36 -1.12 1.45	50.84 -1.06 1.28	53.13 -0.67 1.66	59.22 -0.75 2.41	66.36 -0.69 1.86	73.52 -0.68 1.34	76.42 -0.93 0.31	66.82 0.00 0.00	55.55 -1.31 0.00	48.71 -1.25 0.00	43.68 -1.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.47 1.94 -0.01	37.67 1.93 0.00	34.39 1.64 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.27 1.52 0.00	40.02 1.72 0.00	43.74 2.40 0.00	43.88 2.56 0.00	48.76 3.15 0.00	49.00 3.38 0.00	51.02 3.78 0.00	52.94 3.88 -0.01	55.12 4.18 -0.01	57.28 4.10 0.00	59.22 3.77 0.00	67.24 4.87 0.00	74.91 6.00 0.00	81.96 6.42 0.00	83.95 6.29 0.00	71.30 4.48 0.00	60.44 3.58 0.00	53.62 3.65 -0.01	47.95 3.09 -0.01
BETHLEHEM___GRP 23843	40.08 0.55 0.00	36.56 0.82 0.00	33.54 0.79 0.00	32.74 0.77 0.00	32.83 0.77 0.00	34.56 0.81 0.00	39.02 0.73 0.00	42.25 0.91 0.00	41.81 0.50 0.00	45.98 0.36 0.00	45.99 0.36 0.00	47.57 0.33 0.00	49.26 0.20 0.00	51.14 0.20 0.00	53.50 0.32 0.00	55.79 0.33 0.00	62.81 0.44 0.00	69.46 0.55 0.00	76.06 0.53 0.00	78.12 0.47 0.00	67.23 0.40 0.00	56.37 0.45 0.95	48.07 0.35 2.24	45.56 0.72 0.00
BETHLEHEM___GS1 323560	40.00 0.48 0.00	36.31 0.57 0.00	33.54 0.78 0.00	32.70 0.74 0.00	32.83 0.77 0.00	34.56 0.81 0.00	38.79 0.50 0.00	41.88 0.54 0.00	41.73 0.41 0.00	46.03 0.41 0.00	45.98 0.36 0.00	47.43 0.19 0.00	49.16 0.10 0.00	51.14 0.20 0.00	53.50 0.32 0.00	55.79 0.33 0.00	62.82 0.44 0.00	69.46 0.55 0.00	76.07 0.53 0.00	78.05 0.39 0.00	67.23 0.40 0.00	56.25 0.34 0.95	48.07 0.35 2.24	45.52 0.67 0.00
BETHLEHEM___GS2 323561	40.00 0.48 0.00	36.31 0.57 0.00	33.54 0.78 0.00	32.70 0.74 0.00	32.83 0.77 0.00	34.56 0.81 0.00	38.79 0.50 0.00	41.88 0.54 0.00	41.73 0.41 0.00	46.03 0.41 0.00	45.98 0.36 0.00	47.43 0.19 0.00	49.16 0.10 0.00	51.14 0.20 0.00	53.50 0.32 0.00	55.79 0.33 0.00	62.82 0.44 0.00	69.46 0.55 0.00	76.07 0.53 0.00	78.05 0.39 0.00	67.23 0.40 0.00	56.25 0.34 0.95	48.07 0.35 2.24	45.52 0.67 0.00
BETHLEHEM___GS3 323562	40.00 0.48 0.00	36.31 0.57 0.00	33.54 0.78 0.00	32.70 0.74 0.00	32.83 0.77 0.00	34.56 0.81 0.00	38.79 0.50 0.00	41.88 0.54 0.00	41.73 0.41 0.00	46.03 0.41 0.00	45.98 0.36 0.00	47.43 0.19 0.00	49.16 0.10 0.00	51.14 0.20 0.00	53.50 0.32 0.00	55.79 0.33 0.00	62.82 0.44 0.00	69.46 0.55 0.00	76.07 0.53 0.00	78.05 0.39 0.00	67.23 0.40 0.00	56.25 0.34 0.95	48.07 0.35 2.24	45.52 0.67 0.00
BETHLEHEM___STEEL 23779	37.00 -2.53 0.00	30.19 -2.61 2.94	29.71 -2.39 0.65	29.11 -2.30 0.56	29.60 -2.44 0.03	31.17 -2.50 0.09	29.94 -2.64 5.71	38.36 -2.48 0.51	37.95 -2.07 1.30	41.33 -2.14 2.14	43.39 -2.14 0.09	40.59 -2.03 4.62	40.87 -2.06 6.13	39.91 -1.88 9.14	43.37 -1.76 8.06	43.70 -1.33 10.42	45.62 -1.62 15.13	55.62 -1.58 11.71	66.67 -1.89 6.97	73.36 -2.41 1.89	64.95 -1.87 0.00	54.05 -2.79 0.03	46.82 -3.15 0.00	41.44 -3.41 0.00
BETHLHEM_115KV_TB1 79974	40.12 0.59 0.00	36.56 0.82 0.00	33.54 0.79 0.00	32.74 0.77 0.00	32.83 0.77 0.00	34.56 0.81 0.00	39.06 0.77 0.00	42.30 0.95 0.00	41.85 0.54 0.00	46.03 0.41 0.00	46.08 0.46 0.00	47.67 0.43 0.00	49.35 0.29 0.00	51.19 0.25 0.00	53.61 0.43 0.00	55.90 0.44 0.00	62.94 0.56 0.00	69.60 0.69 0.00	76.21 0.68 0.00	78.28 0.62 0.00	67.36 0.53 0.00	56.54 0.57 0.89	48.31 0.45 2.10	45.61 0.76 0.00
BETHPAGE_CC_5 323564	41.86 2.33 0.00	37.70 1.96 0.00	34.36 1.60 0.00	33.53 1.57 0.00	33.57 1.51 0.00	35.57 1.82 0.00	40.36 2.07 0.00	43.99 2.65 0.00	43.54 2.23 0.00	47.72 2.10 0.00	48.13 2.51 0.00	50.17 2.93 0.00	51.51 2.45 0.00	53.43 2.50 0.01	55.84 2.66 0.00	57.67 2.22 0.01	65.68 3.30 0.00	72.84 3.93 0.00	79.76 4.23 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.73 1.87 0.00	51.01 1.05 0.00	47.31 2.46 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.12 -2.41 0.00	30.50 -2.36 2.88	29.95 -2.16 0.64	29.34 -2.08 0.55	29.79 -2.24 0.03	31.41 -2.26 0.08	30.34 -2.37 5.58	38.70 -2.15 0.49	38.27 -1.78 1.27	41.75 -1.78 2.09	43.80 -1.73 0.08	41.12 -1.61 4.51	41.45 -1.62 5.99	40.52 -1.48 8.94	44.03 -1.28 7.88	44.38 -0.89 10.19	46.46 -1.12 14.80	56.43 -1.03 11.45	67.44 -1.36 6.73	74.05 -1.79 1.82	65.15 -1.67 0.00	54.44 -2.39 0.03	46.92 -3.05 0.00	41.39 -3.45 0.00

BINGHAMTON___COGEN 23790	39.45 -0.08 0.00	36.02 -0.11 -0.39	32.74 -0.10 -0.08	31.94 -0.10 -0.07	31.93 -0.13 0.00	33.66 -0.10 -0.01	38.91 -0.15 -0.77	41.37 -0.04 -0.06	41.96 0.12 -0.52	46.78 0.23 -0.93	46.60 0.23 -0.76	48.91 0.24 -1.43	51.13 0.29 -1.78	53.66 0.41 -2.31	55.95 0.53 -2.23	58.27 0.67 -2.15	65.58 0.69 -2.51	71.64 1.03 -1.70	78.32 1.13 -1.65	79.52 1.16 -0.69	67.76 0.94 0.00	57.26 0.40 0.00	49.86 -0.10 0.00	44.67 -0.40 -0.23
BIXINCNT_115KV_LOAD 355685	37.39 -2.13 0.00	31.44 -1.68 2.62	30.63 -1.54 0.58	30.00 -1.47 0.50	30.37 -1.67 0.02	32.16 -1.52 0.07	31.69 -1.53 5.08	39.66 -1.24 0.45	39.29 -0.87 1.15	42.99 -0.73 1.90	44.86 -0.68 0.07	42.57 -0.57 4.10	43.12 -0.49 5.45	42.51 -0.31 8.12	45.92 -0.11 7.16	46.53 0.33 9.26	49.36 0.44 13.45	57.96 -0.55 10.40	68.50 -0.98 6.05	74.73 -1.32 1.61	64.82 -2.00 0.00	54.73 -2.10 0.03	46.82 -3.15 0.00	41.03 -3.81 0.00
BLACK RIVER___HYD 24047	41.62 2.09 0.00	37.49 1.75 0.00	34.26 1.51 0.00	33.41 1.44 0.00	33.47 1.41 0.00	35.30 1.55 0.00	40.32 2.03 0.00	43.45 2.11 0.00	43.42 2.11 0.00	48.08 2.46 0.00	47.54 1.92 0.00	49.04 1.79 0.00	51.17 2.11 0.00	52.52 1.58 0.00	55.04 1.86 0.00	57.00 1.55 0.00	63.62 1.25 0.00	70.84 1.93 0.00	78.33 2.80 0.00	81.62 3.96 0.00	70.36 3.54 0.00	60.27 3.41 0.00	52.56 2.60 0.00	47.18 2.33 0.00
BLACKRVR_115KV_TB2 79977	41.54 2.02 0.00	37.45 1.72 0.00	34.23 1.47 0.00	33.38 1.41 0.00	33.47 1.41 0.00	35.30 1.55 0.00	40.25 1.95 0.00	43.37 2.03 0.00	43.38 2.07 0.00	48.08 2.46 0.00	47.54 1.92 0.00	49.04 1.80 0.00	51.22 2.16 0.00	52.57 1.63 0.00	55.04 1.86 0.00	56.78 1.33 0.00	63.63 1.25 0.00	70.84 1.93 0.00	78.33 2.79 0.00	81.62 3.96 0.00	70.37 3.54 0.00	60.16 3.30 0.00	52.46 2.50 0.00	47.13 2.29 0.00
BLISS_WT_PWR 323608	37.39 -2.14 0.00	31.55 -1.57 2.62	30.70 -1.47 0.58	30.00 -1.47 0.50	30.37 -1.67 0.02	32.19 -1.48 0.07	31.69 -1.53 5.08	39.86 -1.03 0.45	39.38 -0.79 1.15	42.98 -0.73 1.90	44.91 -0.64 0.07	42.57 -0.56 4.10	43.12 -0.49 5.45	42.46 -0.35 8.12	45.97 -0.05 7.16	46.58 0.39 9.26	50.11 0.06 12.33	58.48 -0.90 9.54	68.70 -1.36 5.48	74.43 -1.63 1.60	64.42 -2.40 0.00	54.05 -2.78 0.03	47.17 -2.80 0.00	41.03 -3.81 0.00
BLUESTONE___WT_PWR 323821	40.99 1.46 0.00	37.51 1.32 -0.45	34.00 1.15 -0.10	33.17 1.12 -0.08	33.12 1.06 0.00	34.95 1.18 -0.01	40.67 1.49 -0.89	43.20 1.78 -0.08	43.62 1.82 -0.49	48.64 2.14 -0.88	48.27 2.01 -0.64	50.72 2.08 -1.40	53.12 2.31 -1.76	55.46 2.19 -2.33	57.96 2.55 -2.22	60.14 2.44 -2.25	67.35 2.50 -2.48	73.93 3.31 -1.71	80.96 4.35 -1.58	82.67 4.35 -0.67	70.36 3.54 0.00	59.71 2.84 0.00	52.06 2.10 0.00	46.61 1.57 -0.19
BLUE_CIRC_CHEM_DRP 24182	40.56 1.03 0.00	36.88 1.14 0.00	33.84 1.08 0.00	32.99 1.02 0.00	33.09 1.03 0.00	34.83 1.08 0.00	39.33 1.03 0.00	42.50 1.16 0.00	42.14 0.83 0.00	46.39 0.78 0.00	46.40 0.78 0.00	48.00 0.76 0.00	49.55 0.49 0.00	50.48 -0.46 0.00	52.81 -0.37 0.00	55.06 -0.39 0.00	62.00 -0.37 0.00	68.64 -0.28 0.00	75.31 -0.23 0.00	77.50 -0.16 0.00	66.76 -0.07 0.00	56.06 0.11 0.91	47.86 0.05 2.15	46.10 1.26 0.00
BOC_GAS_DRP 24189	40.16 0.63 0.00	36.45 0.71 0.00	33.48 0.72 0.00	32.67 0.70 0.00	32.76 0.71 0.00	34.49 0.74 0.00	38.94 0.65 0.00	42.17 0.83 0.00	41.93 0.62 0.00	46.21 0.59 0.00	46.26 0.64 0.00	47.90 0.66 0.00	49.55 0.49 0.00	51.45 0.51 0.00	53.77 0.59 0.00	56.06 0.61 0.00	63.13 0.75 0.00	69.81 0.90 0.00	76.44 0.91 0.00	78.51 0.85 0.00	67.56 0.74 0.00	56.96 0.68 0.59	49.18 0.60 1.38	45.65 0.81 0.00
BOONVILLE_115KV_TB1 79983	40.48 0.95 0.00	36.56 0.82 0.00	33.48 0.72 0.00	32.64 0.67 0.00	32.70 0.64 0.00	34.46 0.71 0.00	39.17 0.88 0.00	42.21 0.87 0.00	42.18 0.87 0.00	46.76 1.14 0.00	46.49 0.87 0.00	48.09 0.85 0.00	50.14 1.08 0.00	51.75 0.81 0.00	54.25 1.06 0.00	56.34 0.89 0.00	63.19 0.81 0.00	70.08 1.17 0.00	77.12 1.59 0.00	79.68 2.02 0.00	68.49 1.67 0.00	58.40 1.54 0.00	51.06 1.10 0.00	45.92 1.08 0.00
BORALEX_4TH_BRANCH 23824	41.46 1.94 0.00	37.45 1.72 0.00	34.39 1.64 0.00	33.57 1.60 0.00	33.73 1.67 0.00	35.47 1.72 0.00	40.13 1.84 0.00	43.45 2.11 0.00	43.22 1.90 0.00	47.53 1.92 0.00	47.49 1.87 0.00	49.08 1.84 0.00	51.07 2.01 0.00	53.03 2.09 0.00	55.63 2.45 0.00	58.00 2.55 0.00	65.43 3.06 0.00	72.22 3.31 0.00	78.86 3.32 0.00	80.84 3.18 0.00	69.70 2.87 0.00	60.67 2.84 -0.97	54.69 2.45 -2.28	47.22 2.38 0.00
BOWLINE___1 23526	40.71 1.18 0.00	36.99 1.25 0.00	33.77 1.02 0.00	33.06 1.09 0.00	33.09 1.03 0.00	34.83 1.08 0.00	39.63 1.30 0.00	43.00 1.66 0.00	42.84 1.53 0.00	47.44 1.83 0.00	47.72 2.10 0.00	49.65 2.41 0.00	51.42 2.35 0.00	53.23 2.29 0.00	55.63 2.45 0.00	57.78 2.33 0.00	65.74 3.37 0.00	72.98 4.06 0.00	79.91 4.38 0.00	82.16 4.50 0.00	70.03 3.21 0.00	58.91 2.04 0.00	51.71 1.75 0.00	46.59 1.75 0.00
BOWLINE___2 23595	40.71 1.18 0.00	36.99 1.25 0.00	33.80 1.05 0.00	33.06 1.09 0.00	33.09 1.03 0.00	34.83 1.08 0.00	39.63 1.34 0.00	43.00 1.66 0.00	42.88 1.57 0.00	47.53 1.92 0.00	47.77 2.14 0.00	49.74 2.50 0.00	51.46 2.40 0.00	53.28 2.34 0.00	55.63 2.45 0.00	57.78 2.33 0.00	65.74 3.37 0.00	72.98 4.06 0.00	79.91 4.38 0.00	82.16 4.50 0.00	70.03 3.21 0.00	58.91 2.04 0.00	51.76 1.80 0.00	46.59 1.75 0.00
BRADY___115KV_TB2 356060	39.92 0.40 0.00	36.27 0.54 0.00	33.12 0.36 0.00	32.32 0.35 0.00	32.48 0.42 0.00	34.16 0.41 0.00	38.98 0.69 0.00	42.58 1.24 0.00	42.18 0.87 0.00	46.39 0.78 0.00	45.80 0.18 0.00	47.19 -0.05 0.00	49.26 0.20 0.00	50.89 -0.05 0.00	52.55 -0.64 0.00	54.45 -1.00 0.00	61.75 -0.62 0.00	68.15 -0.76 0.00	75.08 -0.45 0.00	77.58 -0.08 0.00	66.69 -0.13 0.00	57.20 0.34 0.00	50.41 0.45 0.00	45.34 0.49 0.00
BRANSCOMB___SOLAR 323811	41.58 2.05 0.00	37.74 2.00 0.00	34.62 1.87 0.00	33.69 1.73 0.00	33.82 1.76 0.00	35.67 1.92 0.00	40.32 2.03 0.00	43.49 2.15 0.00	43.26 1.94 0.00	47.62 2.00 0.00	47.63 2.01 0.00	49.37 2.13 0.00	51.12 2.06 0.00	53.18 2.24 0.00	55.26 2.07 0.00	57.78 2.33 0.00	64.69 2.31 0.00	71.67 2.76 0.00	78.48 2.94 0.00	80.77 3.11 0.00	69.76 2.94 0.00	60.15 2.56 -0.73	54.38 2.70 -1.72	47.45 2.60 0.00
BRDGHMPT_69_KV_BK1 55812	41.39 1.86 0.00	37.56 1.82 0.00	34.36 1.61 0.00	33.44 1.47 0.00	33.44 1.38 0.00	35.54 1.79 0.00	40.02 1.72 0.00	43.99 2.65 0.00	43.88 2.56 0.00	47.44 1.82 0.00	48.04 2.42 0.00	49.84 2.60 0.00	51.17 2.11 0.00	53.68 2.75 0.01	56.43 3.24 0.00	58.61 3.16 0.01	66.49 4.12 0.00	74.42 5.51 0.00	84.32 6.27 -2.51	85.15 5.90 -1.59	72.92 4.08 -2.02	61.69 3.92 -0.91	53.46 3.50 0.00	47.81 2.96 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	41.74 2.21 0.00	37.77 2.04 0.00	34.52 1.77 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.71 1.96 0.00	40.21 1.91 0.00	44.03 2.69 0.00	43.96 2.64 0.00	47.81 2.19 0.00	48.49 2.87 0.00	50.17 2.93 0.00	51.56 2.50 0.00	53.73 2.80 0.01	56.27 3.08 0.00	58.44 2.99 0.01	66.00 3.62 0.00	73.67 4.75 0.00	82.35 5.36 -1.45	83.63 5.05 -0.92	72.21 3.54 -1.84	61.21 3.53 -0.83	53.81 3.85 0.00	48.30 3.45 0.00
BRISTLHL_115KV_TB1 79998	39.96 0.43 0.00	35.88 0.14 0.00	32.85 0.10 0.00	32.10 0.13 0.00	32.19 0.13 0.00	33.85 0.10 0.00	38.45 0.15 0.00	41.47 0.12 0.00	41.80 0.33 -0.15	46.35 0.46 -0.28	46.31 0.36 -0.32	47.87 0.28 -0.35	49.86 0.39 -0.41	51.81 0.41 -0.47	54.21 0.53 -0.50	56.05 0.28 -0.32	62.77 0.19 -0.21	69.45 0.48 -0.05	76.34 0.60 -0.21	78.69 0.85 -0.18	67.76 0.94 0.00	57.43 0.57 0.00	50.51 0.55 0.00	45.26 0.31 -0.10
BROOKHAVEN___DRP 24191	41.50 1.98 0.00	37.67 1.93 0.00	34.46 1.70 0.00	33.54 1.57 0.00	33.57 1.51 0.00	35.64 1.89 0.00	40.09 1.80 0.00	43.91 2.56 0.00	43.75 2.44 0.00	47.30 1.69 0.00	47.81 2.19 0.00	49.51 2.27 0.00	50.92 1.86 0.00	53.22 2.29 0.01	55.84 2.66 0.00	58.00 2.55 0.01	65.75 3.37 0.00	73.67 4.75 0.00	83.48 5.44 -2.51	84.37 5.13 -1.59	72.47 3.61 -2.04	61.25 3.47 -0.92	53.36 3.40 0.00	47.85 3.00 0.00
BROOKLYN_NAVY_YARD 23515	40.95 1.42 0.00	37.20 1.47 0.00	33.93 1.18 0.00	33.25 1.28 0.00	33.28 1.22 0.00	35.00 1.25 0.00	39.94 1.65 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.22 2.60 0.00	48.36 2.74 0.00	50.46 3.21 0.00	52.30 3.24 0.00	54.25 3.31 0.00	56.64 3.45 0.00	58.78 3.33 0.00	66.93 4.55 0.00	74.29 5.38 0.00	81.43 5.90 0.00	83.56 5.90 0.00	71.17 4.34 0.00	59.76 2.90 0.00	52.56 2.60 0.00	47.27 2.42 0.00
BROOKLYN___ARMY_DRP 323595	41.31 1.78 -0.01	37.52 1.79 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.86 1.57 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.79 3.54 0.00	52.65 3.58 -0.01	54.87 3.92 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.87 4.49 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.48 5.82 0.00	70.90 4.08 0.00	60.10 3.24 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
BROOME_2_LFGE 323671	39.41 -0.12 0.00	36.06 -0.07 -0.39	32.74 -0.10 -0.08	31.94 -0.10 -0.07	31.94 -0.13 0.00	33.66 -0.10 -0.01	38.95 -0.11 -0.77	41.45 0.04 -0.06	42.00 0.17 -0.52	46.78 0.23 -0.93	46.61 0.23 -0.76	48.91 0.24 -1.43	51.18 0.35 -1.78	53.61 0.36 -2.31	55.95 0.53 -2.23	58.27 0.67 -2.15	65.30 0.69 -2.23	71.50 1.10 -1.49	78.17 1.13 -1.50	79.58 1.24 -0.69	67.69 0.87 0.00	57.15 0.29 0.00	49.96 0.00 0.00	44.67 -0.40 -0.23
BROOME___LFGE 323600	39.41 -0.12 0.00	36.06 -0.07 -0.39	32.74 -0.10 -0.08	31.94 -0.10 -0.07	31.94 -0.13 0.00	33.66 -0.10 -0.01	38.95 -0.11 -0.77	41.45 0.04 -0.06	42.00 0.17 -0.52	46.78 0.23 -0.93	46.61 0.23 -0.76	48.91 0.24 -1.43	51.18 0.35 -1.78	53.61 0.36 -2.31	55.95 0.53 -2.23	58.27 0.67 -2.15	65.30 0.69 -2.23	71.50 1.10 -1.49	78.17 1.13 -1.50	79.58 1.24 -0.69	67.69 0.87 0.00	57.15 0.29 0.00	49.96 0.00 0.00	44.67 -0.40 -0.23
BROWNFLS_115KV_TB 3_5 80003	40.00 0.47 0.00	36.24 0.50 0.00	33.08 0.33 0.00	32.29 0.32 0.00	32.41 0.35 0.00	34.12 0.37 0.00	38.87 0.57 0.00	41.84 0.50 0.00	41.81 0.50 0.00	46.30 0.68 0.00	45.85 0.23 0.00	47.34 0.09 0.00	49.45 0.39 0.00	50.99 0.05 0.00	53.02 -0.16 0.00	54.90 -0.55 0.00	61.57 -0.81 0.00	68.15 -0.76 0.00	75.08 -0.45 0.00	77.81 0.16 0.00	66.96 0.13 0.00	57.32 0.45 0.00	50.26 0.30 0.00	45.29 0.45 0.00
BROWNSV1_27_KV_LOAD 356125	41.23 1.70 0.00	37.45 1.72 0.00	34.23 1.47 0.00	33.44 1.47 0.00	33.47 1.41 0.00	35.27 1.52 0.00	39.98 1.68 0.00	43.74 2.40 0.00	43.88 2.56 0.00	48.63 3.01 0.00	48.86 3.24 0.00	50.79 3.54 0.00	52.64 3.58 0.00	54.86 3.92 0.00	57.17 3.99 0.00	59.39 3.94 0.00	67.37 4.99 0.00	74.98 6.06 0.00	82.11 6.57 0.00	84.18 6.52 0.00	71.57 4.74 0.00	60.56 3.70 0.00	53.41 3.45 0.00	47.67 2.83 0.00
BURROWS___LYONSDAL 23803	40.48 0.95 0.00	36.56 0.82 0.00	33.44 0.69 0.00	32.61 0.64 0.00	32.70 0.64 0.00	34.46 0.71 0.00	39.17 0.88 0.00	42.17 0.83 0.00	42.14 0.83 0.00	46.71 1.09 0.00	46.35 0.73 0.00	47.95 0.71 0.00	50.04 0.98 0.00	51.60 0.66 0.00	54.14 0.96 0.00	56.12 0.67 0.00	63.00 0.62 0.00	69.88 0.96 0.00	76.97 1.44 0.00	79.60 1.94 0.00	68.43 1.60 0.00	58.40 1.54 0.00	50.96 1.00 0.00	45.88 1.03 0.00
CAITHNESS_CC_1 323624	41.98 2.45 0.00	37.81 2.07 0.00	34.39 1.64 0.00	33.57 1.60 0.00	33.60 1.54 0.00	35.67 1.92 0.00	40.44 2.14 0.00	44.07 2.73 0.00	43.42 2.11 0.00	47.26 1.64 0.00	47.72 2.10 0.00	49.79 2.55 0.00	50.92 1.86 0.00	52.76 1.83 0.01	55.42 2.23 0.00	57.27 1.83 0.01	65.06 2.68 0.00	72.15 3.24 0.00	81.44 3.40 -2.50	83.28 4.04 -1.58	72.09 3.21 -2.06	59.55 1.76 -0.93	50.51 0.55 0.00	47.22 2.38 0.00
CALPINE BETH_PAGE_GT4 24209	41.50 1.98 0.00	37.56 1.82 0.00	34.33 1.57 0.00	33.44 1.47 0.00	33.47 1.41 0.00	35.47 1.72 0.00	40.02 1.72 0.00	43.78 2.44 0.00	43.75 2.44 0.00	47.67 2.05 0.00	48.31 2.69 0.00	49.98 2.74 0.00	51.46 2.40 0.00	53.63 2.70 0.01	56.11 2.93 0.00	58.00 2.55 0.01	65.68 3.31 0.00	73.18 4.27 0.00	80.37 4.83 0.00	82.16 4.50 0.00	69.83 3.01 0.00	59.65 2.79 0.00	53.26 3.30 0.00	47.90 3.05 0.00
CALPINE_BETH_PAGE_GT_4 323586	41.82 2.29 0.00	37.70 1.96 0.00	34.36 1.60 0.00	33.53 1.57 0.00	33.57 1.51 0.00	35.57 1.82 0.00	40.36 2.07 0.00	43.99 2.65 0.00	43.54 2.23 0.00	47.67 2.05 0.00	48.13 2.51 0.00	50.17 2.93 0.00	51.56 2.50 0.00	53.48 2.55 0.01	55.89 2.71 0.00	57.67 2.22 0.01	65.68 3.30 0.00	72.84 3.93 0.00	79.76 4.23 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.68 1.82 0.00	51.06 1.10 0.00	47.31 2.46 0.00
CALPINE_BP_GT1 23823	41.82 2.29 0.00	37.70 1.96 0.00	34.36 1.60 0.00	33.53 1.57 0.00	33.57 1.51 0.00	35.57 1.82 0.00	40.36 2.07 0.00	43.99 2.65 0.00	43.54 2.23 0.00	47.67 2.05 0.00	48.13 2.51 0.00	50.17 2.93 0.00	51.56 2.50 0.00	53.48 2.55 0.01	55.89 2.71 0.00	57.67 2.22 0.01	65.68 3.30 0.00	72.84 3.93 0.00	79.76 4.23 0.00	82.00 4.35 0.00	69.90 3.08 0.00	58.68 1.82 0.00	51.06 1.10 0.00	47.31 2.46 0.00
CALSPAN___DRP 24200	37.00 -2.53 0.00	30.19 -2.61 2.94	29.71 -2.39 0.65	29.11 -2.30 0.56	29.60 -2.44 0.03	31.17 -2.50 0.09	29.94 -2.64 5.71	38.36 -2.48 0.51	37.95 -2.07 1.30	41.33 -2.14 2.14	43.39 -2.14 0.09	40.59 -2.03 4.62	40.87 -2.06 6.13	39.91 -1.88 9.14	43.37 -1.76 8.06	43.70 -1.33 10.42	45.62 -1.62 15.13	55.62 -1.58 11.71	66.67 -1.89 6.97	73.36 -2.41 1.89	64.95 -1.87 0.00	54.05 -2.79 0.03	46.82 -3.15 0.00	41.44 -3.41 0.00

CALVERTON___SOLAR 323806	42.14 2.61 0.00	37.95 2.22 0.00	34.52 1.77 0.00	33.66 1.69 0.00	33.69 1.63 0.00	35.78 2.02 0.00	40.55 2.26 0.00	44.24 2.89 0.00	43.50 2.19 0.00	47.31 1.69 0.00	47.72 2.10 0.00	49.84 2.60 0.00	50.97 1.91 0.00	52.82 1.89 0.01	55.58 2.40 0.00	57.50 2.05 0.01	65.31 2.93 0.00	72.49 3.58 0.00	81.82 3.78 -2.51	83.83 4.58 -1.59	72.59 3.74 -2.03	59.82 2.04 -0.91	50.61 0.65 0.00	47.31 2.46 0.00
CANDIGU_WT_PWR 323617	38.58 -0.95 0.00	21.57 -1.11 13.06	28.85 -1.08 2.83	28.50 -1.05 2.42	30.86 -1.09 0.11	32.31 -1.01 0.43	11.88 -1.00 25.42	38.33 -0.83 2.19	35.18 -0.58 5.56	35.65 -0.73 9.23	44.66 -0.87 0.09	25.93 -1.04 20.27	21.15 -0.93 26.98	9.73 -0.97 40.24	16.96 -0.85 35.37	8.74 -0.61 46.10	-6.00 -1.12 67.26	16.41 -0.55 51.94	39.46 -0.30 35.77	67.69 -0.08 9.89	66.82 0.00 0.00	55.93 -0.80 0.13	48.82 -1.15 0.00	43.12 -1.84 -0.12
CARR STREET_E_SYR 24060	39.17 -0.36 0.00	35.24 -0.50 0.00	32.27 -0.49 0.00	31.52 -0.45 0.00	31.61 -0.45 0.00	33.25 -0.51 0.00	37.72 -0.57 0.00	40.77 -0.58 0.00	41.08 -0.45 -0.22	45.52 -0.50 -0.41	45.59 -0.50 -0.47	47.23 -0.52 -0.51	49.17 -0.49 -0.60	51.11 -0.51 -0.68	53.33 -0.58 -0.73	55.43 -0.50 -0.47	61.94 -0.75 -0.31	68.44 -0.55 -0.08	75.16 -0.68 -0.30	77.30 -0.62 -0.26	66.43 -0.40 0.00	56.35 -0.51 0.00	49.46 -0.50 0.00	44.37 -0.63 -0.15
CARTHAGE___PAPER 23857	41.15 1.62 0.00	37.09 1.36 0.00	33.87 1.11 0.00	33.02 1.05 0.00	33.12 1.06 0.00	34.93 1.18 0.00	39.86 1.57 0.00	42.88 1.53 0.00	42.80 1.49 0.00	47.39 1.78 0.00	46.85 1.23 0.00	48.37 1.13 0.00	50.48 1.42 0.00	51.90 0.97 0.00	54.35 1.17 0.00	56.34 0.88 0.00	63.00 0.62 0.00	70.01 1.10 0.00	77.42 1.89 0.00	80.53 2.88 0.00	69.36 2.54 0.00	59.42 2.56 0.00	51.86 1.90 0.00	46.59 1.75 0.00
CASSADAGA_WT_PWR 323784	36.52 -3.01 0.00	30.22 -2.75 2.76	29.62 -2.52 0.61	29.05 -2.40 0.52	29.53 -2.50 0.02	31.31 -2.36 0.08	30.44 -2.49 5.36	38.80 -2.07 0.47	38.20 -1.90 1.22	41.83 -1.78 2.01	43.76 -1.78 0.08	41.02 -1.89 4.33	41.30 -2.01 5.75	40.37 -1.99 8.58	43.81 -1.81 7.56	44.23 -1.44 9.78	47.24 -2.00 13.14	57.65 -1.11 10.16	68.46 -1.06 6.01	74.91 -1.01 1.73	65.89 -0.94 0.00	55.07 -1.76 0.03	47.91 -2.05 0.00	41.66 -3.18 0.00
CE_DUNWOOD___DRP 24194	40.87 1.34 0.00	37.13 1.39 0.00	33.97 1.21 0.00	33.15 1.18 0.00	33.18 1.12 0.00	35.00 1.25 0.00	39.60 1.30 0.00	43.25 1.90 0.00	43.30 1.98 0.00	47.85 2.24 0.00	48.08 2.46 0.00	49.98 2.74 0.00	51.76 2.70 0.00	53.89 2.95 0.00	56.21 3.03 0.00	58.50 3.05 0.00	66.31 3.93 0.00	73.74 4.82 0.00	80.75 5.21 0.00	82.86 5.20 0.00	70.50 3.68 0.00	59.70 2.84 0.00	52.66 2.70 0.00	47.09 2.24 0.00
CE_MILLWOOD___DRP 24193	40.79 1.26 0.00	37.06 1.32 0.00	33.90 1.15 0.00	33.12 1.15 0.00	33.15 1.09 0.00	34.93 1.18 0.00	39.56 1.26 0.00	43.16 1.82 0.00	43.22 1.90 0.00	47.76 2.14 0.00	47.99 2.37 0.00	49.84 2.60 0.00	51.61 2.55 0.00	53.74 2.80 0.00	56.06 2.87 0.00	58.34 2.88 0.00	66.12 3.74 0.00	73.53 4.62 0.00	80.52 4.99 0.00	82.63 4.97 0.00	70.30 3.47 0.00	59.59 2.73 0.00	52.51 2.55 0.00	46.95 2.11 0.00
CE_NYC2_DRP 24202	41.03 1.50 0.00	37.27 1.54 0.00	34.10 1.34 0.00	33.38 1.41 0.00	33.37 1.31 0.00	35.03 1.28 0.00	39.71 1.42 0.00	43.41 2.07 0.00	43.55 2.23 0.00	48.31 2.69 0.00	48.54 2.92 0.00	50.50 3.26 0.00	52.35 3.29 0.00	54.51 3.57 -0.01	56.69 3.51 0.00	58.78 3.33 0.00	66.68 4.30 0.00	74.22 5.31 0.00	81.20 5.67 0.00	83.25 5.59 0.00	70.70 3.88 0.00	59.87 3.01 0.00	53.01 3.05 0.00	47.45 2.60 0.00
CE_NYC_DRP 24195	40.99 1.46 0.00	37.20 1.47 0.00	34.03 1.28 0.00	33.25 1.28 0.00	33.28 1.22 0.00	35.03 1.28 0.00	39.71 1.42 0.00	43.45 2.11 0.00	43.59 2.27 0.00	48.26 2.65 0.00	48.49 2.87 0.00	50.41 3.17 0.00	52.25 3.19 0.00	54.40 3.46 0.00	56.69 3.51 0.00	58.89 3.44 0.00	66.74 4.37 0.00	74.36 5.44 0.00	81.35 5.82 0.00	83.40 5.75 0.00	70.90 4.08 0.00	60.05 3.18 0.00	53.01 3.05 0.00	47.31 2.47 0.00
CHAFFEE___LFGE 323603	37.20 -2.33 0.00	30.63 -2.32 2.78	30.01 -2.13 0.61	29.36 -2.08 0.53	29.79 -2.25 0.02	31.44 -2.23 0.08	30.52 -2.37 5.40	38.88 -1.98 0.48	38.43 -1.65 1.23	41.81 -1.78 2.02	43.81 -1.73 0.08	41.27 -1.61 4.36	41.65 -1.62 5.79	40.77 -1.53 8.64	44.29 -1.28 7.61	44.78 -0.83 9.85	47.65 -1.43 13.30	57.80 -0.82 10.29	68.38 -1.13 6.02	74.37 -1.55 1.74	65.35 -1.47 0.00	54.73 -2.10 0.03	47.77 -2.20 0.00	41.75 -3.09 0.00
CHATEAUG_35_KV_LOAD 355732	39.61 0.08 0.00	35.92 0.18 0.00	32.82 0.07 0.00	32.00 0.03 0.00	32.12 0.06 0.00	33.82 0.07 0.00	38.56 0.27 0.00	41.43 0.08 0.00	41.44 0.12 0.00	45.80 0.18 0.00	45.71 0.09 0.00	47.24 0.00 0.00	49.16 0.10 0.00	50.99 0.05 0.00	53.02 -0.16 0.00	55.29 -0.17 0.00	62.19 -0.19 0.00	68.50 -0.41 0.00	75.31 -0.23 0.00	77.58 -0.08 0.00	66.62 -0.20 0.00	56.92 0.06 0.00	50.01 0.05 0.00	44.85 0.00 0.00
CHATEAUG_WT_PWR 323614	39.65 0.12 0.00	35.84 0.11 0.00	32.76 0.00 0.00	31.97 0.00 0.00	32.09 0.03 0.00	33.78 0.03 0.00	38.49 0.19 0.00	41.43 0.08 0.00	41.48 0.17 0.00	45.85 0.23 0.00	45.76 0.14 0.00	47.34 0.09 0.00	49.26 0.20 0.00	51.09 0.15 0.00	53.13 -0.05 0.00	55.34 -0.11 0.00	62.25 -0.12 0.00	68.50 -0.41 0.00	75.16 -0.38 0.00	77.43 -0.23 0.00	66.49 -0.33 0.00	56.80 -0.06 0.00	49.96 0.00 0.00	44.80 -0.04 0.00
CHAT_HIGH_FALL_HYD 323578	39.61 0.08 0.00	35.92 0.18 0.00	32.82 0.07 0.00	32.00 0.03 0.00	32.12 0.06 0.00	33.82 0.07 0.00	38.56 0.27 0.00	41.43 0.08 0.00	41.44 0.12 0.00	45.80 0.18 0.00	45.71 0.09 0.00	47.24 0.00 0.00	49.16 0.10 0.00	50.99 0.05 0.00	53.02 -0.16 0.00	55.29 -0.17 0.00	62.19 -0.19 0.00	68.50 -0.41 0.00	75.31 -0.23 0.00	77.58 -0.08 0.00	66.62 -0.20 0.00	56.92 0.06 0.00	50.01 0.05 0.00	44.85 0.00 0.00
CHAUTAUQUA___LFGE 323629	36.92 -2.61 0.00	30.28 -2.57 2.88	29.76 -2.36 0.64	29.12 -2.30 0.55	29.63 -2.40 0.03	31.30 -2.36 0.09	30.17 -2.53 5.59	38.70 -2.15 0.49	38.10 -1.94 1.27	41.56 -1.96 2.09	43.57 -1.96 0.09	40.79 -1.94 4.52	41.10 -1.96 5.99	40.06 -1.94 8.95	43.59 -1.70 7.89	43.92 -1.33 10.20	46.69 -1.87 13.81	57.12 -1.11 10.68	67.93 -1.21 6.39	74.50 -1.32 1.83	65.75 -1.07 0.00	54.96 -1.88 0.03	47.87 -2.10 0.00	41.84 -3.00 0.00
CHERRYST_13_KV_LD 356241	41.07 1.54 0.00	37.31 1.57 0.00	34.10 1.34 0.00	33.31 1.34 0.00	33.37 1.31 0.00	35.13 1.38 0.00	39.86 1.57 0.00	43.58 2.23 0.00	43.71 2.40 0.00	48.49 2.87 0.00	48.68 3.06 0.00	50.64 3.40 0.00	52.45 3.39 0.00	54.66 3.72 0.00	56.96 3.78 0.00	59.17 3.72 0.00	67.06 4.68 0.00	74.63 5.72 0.00	81.73 6.19 0.00	83.72 6.06 0.00	71.17 4.34 0.00	60.22 3.35 0.00	53.16 3.20 0.00	47.45 2.60 0.00

CHESTROR_138KV_BK263 355645	40.79 1.26 0.00	37.06 1.32 0.00	33.87 1.11 0.00	33.09 1.12 0.00	33.12 1.06 0.00	34.90 1.15 0.00	39.48 1.19 0.00	43.00 1.65 0.00	43.05 1.74 0.00	47.53 1.92 0.00	47.72 2.10 0.00	49.56 2.31 0.00	51.37 2.31 0.00	53.43 2.50 0.00	55.84 2.66 0.00	58.06 2.61 0.00	65.87 3.49 0.00	73.32 4.41 0.00	80.37 4.83 0.00	82.55 4.89 0.00	70.30 3.47 0.00	59.53 2.67 0.00	52.36 2.40 0.00	46.82 1.97 0.00
CH_MIDHUDSON___DRP 24192	40.91 1.38 0.00	37.13 1.39 0.00	33.97 1.21 0.00	33.18 1.21 0.00	33.21 1.15 0.00	35.03 1.28 0.00	39.60 1.30 0.00	43.16 1.82 0.00	43.17 1.86 0.00	47.67 2.05 0.00	47.86 2.24 0.00	49.75 2.50 0.00	51.51 2.45 0.00	53.64 2.70 0.00	56.06 2.87 0.00	58.28 2.83 0.00	66.06 3.68 0.00	73.46 4.55 0.00	80.44 4.91 0.00	82.55 4.89 0.00	70.30 3.47 0.00	59.70 2.84 0.00	52.51 2.55 0.00	47.00 2.15 0.00
CH_MISC_IPPS 23765	41.11 1.58 0.00	37.38 1.64 0.00	34.13 1.38 0.00	33.37 1.41 0.00	33.37 1.31 0.00	35.17 1.42 0.00	39.98 1.68 0.00	43.33 1.98 0.00	43.26 1.94 0.00	47.90 2.28 0.00	48.08 2.46 0.00	50.12 2.88 0.00	51.90 2.84 0.00	53.84 2.90 0.00	56.37 3.19 0.00	58.50 3.05 0.00	66.62 4.24 0.00	73.94 5.03 0.00	81.05 5.51 0.00	83.32 5.67 0.00	70.97 4.14 0.00	59.82 2.95 0.00	52.46 2.50 0.00	47.18 2.33 0.00
CH_RES_BVR_FALLS 23983	39.45 -0.08 0.00	35.67 -0.07 0.00	32.66 -0.10 0.00	31.87 -0.10 0.00	31.96 -0.10 0.00	33.65 -0.10 0.00	38.22 -0.08 0.00	41.22 -0.12 0.00	41.23 -0.08 0.00	45.53 -0.09 0.00	45.53 -0.09 0.00	47.10 -0.14 0.00	48.96 -0.10 0.00	50.84 -0.10 0.00	52.97 -0.21 0.00	55.23 -0.22 0.00	62.13 -0.25 0.00	68.57 -0.34 0.00	75.23 -0.30 0.00	77.35 -0.31 0.00	66.56 -0.27 0.00	56.69 -0.17 0.00	49.81 -0.15 0.00	44.71 -0.13 0.00
CH_RES_NIAGARA 23895	36.29 -3.24 0.00	29.56 -3.90 2.28	28.71 -3.54 0.51	28.02 -3.52 0.43	28.32 -3.72 0.02	29.66 -4.02 0.08	29.50 -4.37 4.43	36.53 -4.42 0.39	36.38 -3.92 1.01	39.58 -4.38 1.66	41.21 -4.33 0.08	39.37 -4.30 3.58	39.90 -4.42 4.74	39.57 -4.28 7.09	42.68 -4.25 6.25	43.55 -3.83 8.08	46.03 -4.62 11.73	54.73 -5.03 9.15	63.62 -5.82 6.10	69.60 -6.52 1.54	62.48 -4.34 0.00	51.44 -5.40 0.02	45.22 -4.75 0.00	40.54 -4.31 0.00
CH_RES_SYRACUSE 23985	39.61 0.08 0.00	35.63 -0.11 0.00	32.63 -0.13 0.00	31.84 -0.13 0.00	31.93 -0.13 0.00	33.58 -0.17 0.00	38.10 -0.19 0.00	41.18 -0.16 0.00	41.86 0.00 -0.55	46.58 -0.05 -1.01	46.74 -0.05 -1.16	48.41 -0.09 -1.26	50.49 -0.05 -1.48	52.58 -0.05 -1.69	55.04 0.05 -1.80	56.79 0.17 -1.17	63.13 0.00 -0.75	69.31 0.21 -0.19	76.59 0.30 -0.75	78.70 0.39 -0.65	67.30 0.47 0.00	57.09 0.23 0.00	50.06 0.10 0.00	45.03 -0.18 -0.36
CLINTON_WT_PWR 323605	39.65 0.12 0.00	35.84 0.11 0.00	32.76 0.00 0.00	31.97 0.00 0.00	32.09 0.03 0.00	33.78 0.03 0.00	38.49 0.19 0.00	41.43 0.08 0.00	41.48 0.17 0.00	45.85 0.23 0.00	45.76 0.14 0.00	47.34 0.09 0.00	49.26 0.20 0.00	51.09 0.15 0.00	53.13 -0.05 0.00	55.34 -0.11 0.00	62.25 -0.12 0.00	68.50 -0.41 0.00	75.16 -0.38 0.00	77.43 -0.23 0.00	66.49 -0.33 0.00	56.80 -0.06 0.00	49.96 0.00 0.00	44.80 -0.04 0.00
CLINTON___LFGE 323618	40.32 0.79 0.00	36.49 0.75 0.00	33.25 0.49 0.00	32.45 0.48 0.00	32.64 0.58 0.00	34.36 0.61 0.00	39.29 0.99 0.00	42.09 0.74 0.00	42.14 0.83 0.00	46.58 0.96 0.00	46.40 0.77 0.00	47.95 0.71 0.00	49.89 0.83 0.00	51.80 0.87 0.00	53.87 0.69 0.00	56.23 0.78 0.00	63.25 0.87 0.00	69.80 0.89 0.00	76.82 1.28 0.00	79.21 1.55 0.00	67.96 1.13 0.00	58.11 1.25 0.00	50.91 0.95 0.00	45.56 0.72 0.00
COBBLENY_34_KV_TB1 80064	37.20 -2.33 0.00	30.60 -2.36 2.78	29.98 -2.16 0.62	29.36 -2.08 0.53	29.79 -2.24 0.02	31.41 -2.26 0.08	30.56 -2.34 5.40	38.72 -2.15 0.48	38.35 -1.74 1.23	41.82 -1.78 2.02	43.81 -1.73 0.08	41.27 -1.61 4.36	41.65 -1.62 5.79	40.82 -1.48 8.64	44.29 -1.28 7.61	44.78 -0.83 9.85	47.02 -1.06 14.30	56.95 -0.90 11.06	67.87 -1.13 6.53	74.35 -1.55 1.75	65.49 -1.34 0.00	54.62 -2.22 0.03	47.12 -2.85 0.00	41.62 -3.23 0.00
COFFEEN___115KV_TB3 355620	41.78 2.25 0.00	37.63 1.89 0.00	34.39 1.64 0.00	33.54 1.57 0.00	33.60 1.54 0.00	35.47 1.72 0.00	40.44 2.14 0.00	43.62 2.27 0.00	43.63 2.31 0.00	48.35 2.74 0.00	47.76 2.14 0.00	49.23 1.98 0.00	51.42 2.35 0.00	52.77 1.83 0.00	55.20 2.02 0.00	56.95 1.50 0.00	63.81 1.43 0.00	71.05 2.14 0.00	78.63 3.10 0.00	82.08 4.43 0.00	70.77 3.94 0.00	60.56 3.70 0.00	52.76 2.80 0.00	47.40 2.56 0.00
COLDSPRG_115KV_BK1 355956	37.31 -2.21 0.00	31.44 -1.72 2.58	30.61 -1.57 0.57	30.04 -1.44 0.49	30.40 -1.64 0.02	32.29 -1.38 0.07	31.91 -1.38 5.00	39.87 -1.03 0.44	39.48 -0.70 1.14	43.29 -0.46 1.87	45.14 -0.41 0.07	42.82 -0.38 4.04	43.30 -0.39 5.37	42.68 -0.25 8.00	46.13 0.00 7.06	46.72 0.39 9.13	49.68 0.56 13.25	59.84 1.17 10.24	70.73 1.21 6.02	77.08 1.01 1.58	66.96 0.13 0.00	56.38 -0.45 0.02	48.02 -1.95 0.00	41.89 -2.96 0.00
COLONIE_LFGE___ 323577	40.99 1.46 0.00	37.17 1.43 0.00	34.13 1.38 0.00	33.25 1.28 0.00	33.37 1.31 0.00	35.17 1.42 0.00	39.71 1.42 0.00	42.92 1.57 0.00	42.72 1.41 0.00	47.08 1.46 0.00	47.08 1.46 0.00	48.71 1.47 0.00	50.53 1.47 0.00	52.62 1.68 0.00	54.99 1.81 0.00	57.39 1.94 0.00	64.50 2.12 0.00	71.39 2.48 0.00	78.10 2.57 0.00	80.14 2.48 0.00	69.10 2.27 0.00	59.85 1.99 -1.00	54.22 1.90 -2.36	46.73 1.88 0.00
COOPERNY_115KV_TB1 80082	40.08 0.55 0.00	36.31 0.57 0.00	33.28 0.52 0.00	32.48 0.51 0.00	32.54 0.48 0.00	34.29 0.54 0.00	38.79 0.50 0.00	42.09 0.74 0.00	42.14 0.83 0.00	46.57 0.96 0.00	46.67 1.05 0.00	48.38 1.13 0.00	50.19 1.13 0.00	52.16 1.22 0.00	54.51 1.33 0.00	56.73 1.28 0.00	64.00 1.62 0.00	70.98 2.07 0.00	77.80 2.27 0.00	79.99 2.33 0.00	68.43 1.60 0.00	58.06 1.19 0.00	51.01 1.05 0.00	45.70 0.85 0.00
COPENHAGEN_WT_PWR 323753	41.46 1.94 0.00	37.31 1.57 0.00	34.10 1.34 0.00	33.25 1.28 0.00	33.31 1.25 0.00	35.14 1.38 0.00	40.13 1.84 0.00	43.25 1.90 0.00	43.26 1.94 0.00	47.85 2.23 0.00	47.35 1.73 0.00	48.85 1.61 0.00	50.97 1.91 0.00	52.36 1.42 0.00	54.83 1.65 0.00	56.89 1.44 0.00	63.50 1.12 0.00	70.63 1.72 0.00	78.02 2.49 0.00	81.31 3.65 0.00	70.03 3.21 0.00	59.93 3.07 0.00	52.31 2.35 0.00	46.95 2.11 0.00
CORNELL_____ 23752	40.16 0.63 0.00	37.48 0.43 -1.32	33.40 0.36 -0.28	32.59 0.38 -0.24	32.42 0.35 -0.01	34.16 0.37 -0.04	41.32 0.46 -2.56	42.10 0.54 -0.22	43.00 0.66 -1.02	48.08 0.68 -1.78	47.15 0.55 -0.99	50.82 0.47 -3.10	53.62 0.59 -3.97	57.08 0.66 -5.48	59.06 0.80 -5.08	62.03 0.94 -5.64	70.86 1.06 -7.43	75.98 1.65 -5.41	82.01 2.11 -4.36	81.53 2.41 -1.47	68.96 2.14 0.00	58.35 1.48 -0.01	50.81 0.85 0.00	45.59 0.45 -0.29

CORONA__69_KV_TB1 355595	41.31 1.78 0.00	37.42 1.68 0.00	34.20 1.44 0.00	33.34 1.37 0.00	33.37 1.31 0.00	35.30 1.55 0.00	39.86 1.57 0.00	43.58 2.23 0.00	43.59 2.27 0.00	47.76 2.14 0.00	48.36 2.74 0.00	50.12 2.88 0.00	51.71 2.65 0.00	53.89 2.95 0.01	56.32 3.14 0.00	58.50 3.05 0.00	66.31 3.93 0.00	73.87 4.96 0.00	80.97 5.44 0.00	82.86 5.20 0.00	70.50 3.68 0.00	60.05 3.18 0.00	53.31 3.35 0.00	47.81 2.96 0.00
CORTLAND__115KV_TB3 80093	39.80 0.28 0.00	36.34 0.14 -0.46	32.98 0.13 -0.10	32.18 0.13 -0.08	32.19 0.13 0.00	33.90 0.14 -0.01	39.34 0.15 -0.89	41.59 0.17 -0.08	42.21 0.29 -0.60	47.01 0.32 -1.08	46.77 0.27 -0.87	49.13 0.24 -1.65	51.46 0.34 -2.05	53.97 0.36 -2.67	56.25 0.48 -2.58	58.50 0.55 -2.49	65.86 0.56 -2.92	71.85 0.96 -1.97	78.53 1.13 -1.86	79.86 1.40 -0.81	68.09 1.27 0.00	57.66 0.80 0.00	50.31 0.35 0.00	45.20 0.09 -0.27
COXSACKIE__GT 23611	41.74 2.21 0.00	37.92 2.18 0.00	34.85 2.10 0.00	33.95 1.98 0.00	34.02 1.96 0.00	35.84 2.09 0.00	40.40 2.10 0.00	43.37 2.03 0.00	43.01 1.69 0.00	47.21 1.60 0.00	47.04 1.42 0.00	48.42 1.18 0.00	50.04 0.98 0.00	52.11 1.17 0.00	54.67 1.49 0.00	56.95 1.50 0.00	64.43 2.06 0.00	71.87 2.96 0.00	79.16 3.63 0.00	81.77 4.11 0.00	70.23 3.41 0.00	59.10 3.24 1.00	50.40 2.80 2.36	47.49 2.65 0.00
CPV_VALLEY__CC1 323721	40.32 0.79 0.00	36.59 0.86 0.00	33.44 0.69 0.00	32.70 0.74 0.00	32.76 0.70 0.00	34.49 0.74 0.00	39.17 0.88 0.00	42.50 1.16 0.00	42.35 1.03 0.00	46.89 1.28 0.00	47.08 1.46 0.00	48.99 1.75 0.00	50.73 1.67 0.00	52.62 1.68 0.00	54.99 1.81 0.00	57.17 1.72 0.00	64.88 2.50 0.00	71.94 3.03 0.00	78.78 3.25 0.00	81.00 3.34 0.00	69.16 2.34 0.00	58.34 1.48 0.00	51.21 1.25 0.00	46.10 1.25 0.00
CPV_VALLEY__CC2 323722	40.32 0.79 0.00	36.59 0.86 0.00	33.44 0.69 0.00	32.70 0.74 0.00	32.76 0.70 0.00	34.49 0.74 0.00	39.17 0.88 0.00	42.50 1.16 0.00	42.35 1.03 0.00	46.89 1.28 0.00	47.08 1.46 0.00	48.99 1.75 0.00	50.73 1.67 0.00	52.62 1.68 0.00	54.99 1.81 0.00	57.17 1.72 0.00	64.88 2.50 0.00	71.94 3.03 0.00	78.78 3.25 0.00	81.00 3.34 0.00	69.16 2.34 0.00	58.34 1.48 0.00	51.21 1.25 0.00	46.10 1.25 0.00
CRESCENT__HYD 24018	40.99 1.46 0.00	37.17 1.43 0.00	34.13 1.38 0.00	33.25 1.28 0.00	33.37 1.31 0.00	35.17 1.42 0.00	39.71 1.42 0.00	42.92 1.57 0.00	42.72 1.41 0.00	47.08 1.46 0.00	47.08 1.46 0.00	48.71 1.47 0.00	50.53 1.47 0.00	52.62 1.68 0.00	54.99 1.81 0.00	57.39 1.94 0.00	64.50 2.12 0.00	71.39 2.48 0.00	78.10 2.57 0.00	80.14 2.48 0.00	69.10 2.27 0.00	59.85 1.99 -1.00	54.22 1.90 -2.36	46.73 1.88 0.00
CRICKET__VALLEY_CC1 323756	40.55 1.03 0.00	36.81 1.07 0.00	33.67 0.92 0.00	32.93 0.96 0.00	32.99 0.93 0.00	34.73 0.98 0.00	39.40 1.11 0.00	42.79 1.45 0.00	42.64 1.32 0.00	47.21 1.60 0.00	47.40 1.78 0.00	49.32 2.08 0.00	51.07 2.01 0.00	52.98 2.04 0.00	55.42 2.23 0.00	57.61 2.16 0.00	65.43 3.06 0.00	72.56 3.65 0.00	79.39 3.85 0.00	81.46 3.80 0.00	69.63 2.81 0.00	58.73 1.87 0.00	51.61 1.65 0.00	46.51 1.66 0.00
CRICKET__VALLEY_CC2 323757	40.55 1.03 0.00	36.81 1.07 0.00	33.67 0.92 0.00	32.93 0.96 0.00	32.99 0.93 0.00	34.73 0.98 0.00	39.40 1.11 0.00	42.79 1.45 0.00	42.64 1.32 0.00	47.21 1.60 0.00	47.40 1.78 0.00	49.32 2.08 0.00	51.07 2.01 0.00	52.98 2.04 0.00	55.42 2.23 0.00	57.61 2.16 0.00	65.43 3.06 0.00	72.56 3.65 0.00	79.39 3.85 0.00	81.46 3.80 0.00	69.63 2.81 0.00	58.73 1.87 0.00	51.61 1.65 0.00	46.51 1.66 0.00
CRICKET__VALLEY_CC3 323758	40.55 1.03 0.00	36.81 1.07 0.00	33.67 0.92 0.00	32.93 0.96 0.00	32.99 0.93 0.00	34.73 0.98 0.00	39.40 1.11 0.00	42.79 1.45 0.00	42.64 1.32 0.00	47.21 1.60 0.00	47.40 1.78 0.00	49.32 2.08 0.00	51.07 2.01 0.00	52.98 2.04 0.00	55.42 2.23 0.00	57.61 2.16 0.00	65.43 3.06 0.00	72.56 3.65 0.00	79.39 3.85 0.00	81.46 3.80 0.00	69.63 2.81 0.00	58.73 1.87 0.00	51.61 1.65 0.00	46.51 1.66 0.00
CRUCIBLE__METL_DRP 24180	39.61 0.08 0.00	35.59 -0.14 0.00	32.62 -0.13 0.00	31.84 -0.13 0.00	31.93 -0.13 0.00	33.58 -0.17 0.00	38.10 -0.19 0.00	41.10 -0.25 0.00	41.78 -0.08 -0.55	46.58 -0.05 -1.01	46.74 -0.05 -1.16	48.41 -0.09 -1.26	50.49 -0.05 -1.48	52.63 0.00 -1.69	55.04 0.05 -1.80	56.68 0.06 -1.17	63.13 0.00 -0.75	69.31 0.21 -0.19	76.58 0.30 -0.75	78.69 0.39 -0.65	67.36 0.53 0.00	56.97 0.11 0.00	49.96 0.00 0.00	45.03 -0.18 -0.36
DAHOWA__HYDRO 323763	41.82 2.29 0.00	37.95 2.22 0.00	34.79 2.03 0.00	33.85 1.89 0.00	34.02 1.96 0.00	35.84 2.09 0.00	40.55 2.26 0.00	43.74 2.40 0.00	43.46 2.15 0.00	47.90 2.28 0.00	47.90 2.28 0.00	49.65 2.41 0.00	51.42 2.35 0.00	53.53 2.60 0.00	55.47 2.29 0.00	58.01 2.55 0.00	64.81 2.43 0.00	71.87 2.96 0.00	78.71 3.17 0.00	81.07 3.41 0.00	69.97 3.14 0.00	60.27 2.73 -0.68	54.63 3.05 -1.61	47.72 2.87 0.00
DANC__LFGE 323619	40.79 1.26 0.00	36.70 0.97 0.00	33.54 0.78 0.00	32.73 0.77 0.00	32.80 0.74 0.00	34.56 0.81 0.00	39.40 1.11 0.00	42.50 1.16 0.00	42.55 1.24 0.00	47.03 1.42 0.00	46.67 1.05 0.00	48.19 0.94 0.00	50.24 1.18 0.00	51.80 0.87 0.00	54.25 1.06 0.00	56.39 0.94 0.00	62.94 0.56 0.00	69.95 1.04 0.00	77.12 1.59 0.00	79.99 2.33 0.00	68.96 2.14 0.00	58.85 1.99 0.00	51.51 1.55 0.00	46.15 1.30 0.00
DANSKAMMER__1 23586	41.11 1.58 0.00	37.38 1.64 0.00	34.13 1.38 0.00	33.37 1.41 0.00	33.37 1.31 0.00	35.17 1.42 0.00	39.98 1.68 0.00	43.33 1.98 0.00	43.26 1.94 0.00	47.90 2.28 0.00	48.08 2.46 0.00	50.12 2.88 0.00	51.90 2.84 0.00	53.84 2.90 0.00	56.37 3.19 0.00	58.50 3.05 0.00	66.62 4.24 0.00	73.94 5.03 0.00	81.05 5.51 0.00	83.32 5.67 0.00	70.97 4.14 0.00	59.82 2.95 0.00	52.46 2.50 0.00	47.18 2.33 0.00
DANSKAMMER__2 23589	41.11 1.58 0.00	37.38 1.64 0.00	34.13 1.38 0.00	33.37 1.41 0.00	33.37 1.31 0.00	35.17 1.42 0.00	39.98 1.68 0.00	43.33 1.98 0.00	43.26 1.94 0.00	47.90 2.28 0.00	48.08 2.46 0.00	50.12 2.88 0.00	51.90 2.84 0.00	53.84 2.90 0.00	56.37 3.19 0.00	58.50 3.05 0.00	66.62 4.24 0.00	73.94 5.03 0.00	81.05 5.51 0.00	83.32 5.67 0.00	70.97 4.14 0.00	59.82 2.95 0.00	52.46 2.50 0.00	47.18 2.33 0.00
DANSKAMMER__3 23590	41.11 1.58 0.00	37.38 1.64 0.00	34.13 1.38 0.00	33.37 1.41 0.00	33.37 1.31 0.00	35.17 1.42 0.00	39.98 1.68 0.00	43.33 1.98 0.00	43.26 1.94 0.00	47.90 2.28 0.00	48.08 2.46 0.00	50.12 2.88 0.00	51.90 2.84 0.00	53.84 2.90 0.00	56.37 3.19 0.00	58.50 3.05 0.00	66.62 4.24 0.00	73.94 5.03 0.00	81.05 5.51 0.00	83.32 5.67 0.00	70.97 4.14 0.00	59.82 2.95 0.00	52.46 2.50 0.00	47.18 2.33 0.00

DANSKAMMER___4 23591	41.11 1.58 0.00	37.38 1.64 0.00	34.13 1.38 0.00	33.37 1.41 0.00	33.37 1.31 0.00	35.17 1.42 0.00	39.98 1.68 0.00	43.33 1.98 0.00	43.26 1.94 0.00	47.90 2.28 0.00	48.08 2.46 0.00	50.12 2.88 0.00	51.90 2.84 0.00	53.84 2.90 0.00	56.37 3.19 0.00	58.50 3.05 0.00	66.62 4.24 0.00	73.94 5.03 0.00	81.05 5.51 0.00	83.32 5.67 0.00	70.97 4.14 0.00	59.82 2.95 0.00	52.46 2.50 0.00	47.18 2.33 0.00
DANSKAMMER___DIESEL 23592	41.07 1.54 0.00	37.31 1.57 0.00	34.10 1.34 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.13 1.38 0.00	39.75 1.46 0.00	43.33 1.98 0.00	43.38 2.07 0.00	47.90 2.28 0.00	48.08 2.46 0.00	49.98 2.74 0.00	51.81 2.75 0.00	53.94 3.01 0.00	56.37 3.19 0.00	58.56 3.11 0.00	66.43 4.05 0.00	73.94 5.03 0.00	81.05 5.51 0.00	83.17 5.51 0.00	70.77 3.94 0.00	60.05 3.18 0.00	52.81 2.85 0.00	47.18 2.33 0.00
DARBY___SOLAR 323810	41.62 2.09 0.00	37.77 2.04 0.00	34.62 1.87 0.00	33.69 1.73 0.00	33.85 1.79 0.00	35.67 1.92 0.00	40.36 2.07 0.00	43.53 2.19 0.00	43.26 1.94 0.00	47.67 2.05 0.00	47.68 2.05 0.00	49.42 2.17 0.00	51.17 2.11 0.00	53.28 2.34 0.00	55.31 2.13 0.00	57.78 2.33 0.00	64.69 2.31 0.00	71.74 2.83 0.00	78.56 3.02 0.00	80.84 3.19 0.00	69.76 2.94 0.00	60.09 2.50 -0.73	54.42 2.75 -1.71	47.45 2.60 0.00
DASHVILLE___HYD 23610	41.11 1.58 0.00	37.31 1.57 0.00	34.10 1.34 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.10 1.35 0.00	39.63 1.34 0.00	43.12 1.78 0.00	43.13 1.82 0.00	47.62 2.01 0.00	47.81 2.19 0.00	49.70 2.46 0.00	51.56 2.50 0.00	53.74 2.80 0.00	56.16 2.98 0.00	58.34 2.88 0.00	66.25 3.87 0.00	73.80 4.89 0.00	80.90 5.36 0.00	83.09 5.44 0.00	70.57 3.74 0.00	60.05 3.41 0.22	52.48 3.05 0.53	47.13 2.29 0.00
DELAWARE___LFGE 323621	40.28 0.75 0.00	36.53 0.79 0.00	33.51 0.75 0.00	32.70 0.74 0.00	32.76 0.71 0.00	34.53 0.78 0.00	39.03 0.73 -0.01	42.30 0.95 0.00	42.47 0.99 -0.17	47.07 1.14 -0.31	47.11 1.14 -0.35	48.86 1.23 -0.39	50.79 1.28 -0.46	52.79 1.32 -0.52	55.23 1.49 -0.56	57.27 1.44 -0.37	64.19 1.56 -0.25	70.85 1.86 -0.08	77.92 2.11 -0.27	80.04 2.17 -0.21	68.56 1.74 0.00	58.28 1.42 0.00	51.06 1.10 0.00	45.85 0.90 -0.11
DERFIELD_115KV_TB7 355931	39.61 0.08 0.00	35.81 0.07 0.00	32.85 0.10 0.00	32.03 0.06 0.00	32.12 0.06 0.00	33.85 0.10 0.00	38.33 0.04 0.00	41.43 0.08 0.00	41.36 0.04 0.00	45.66 0.05 0.00	45.67 0.05 0.00	47.29 0.05 0.00	49.11 0.05 0.00	50.99 0.05 0.00	53.29 0.11 0.00	55.51 0.06 0.00	62.44 0.06 0.00	68.98 0.07 0.00	75.61 0.08 0.00	77.74 0.08 0.00	66.89 0.07 0.00	56.92 0.06 0.00	50.01 0.05 0.00	44.94 0.09 0.00
DOGLEVILLE___HYD 23807	39.69 0.16 0.00	35.88 0.14 0.00	32.89 0.13 0.00	32.10 0.13 0.00	32.19 0.13 0.00	33.92 0.17 0.00	38.45 0.15 0.00	41.51 0.17 0.00	41.44 0.12 0.00	45.80 0.18 0.00	45.76 0.14 0.00	47.43 0.19 0.00	49.26 0.20 0.00	51.09 0.15 0.00	53.45 0.27 0.00	55.62 0.17 0.00	62.38 0.00 0.00	68.98 0.07 0.00	75.61 0.08 0.00	77.89 0.23 0.00	66.96 0.13 0.00	57.03 0.17 0.00	50.16 0.20 0.00	45.03 0.18 0.00
DUNKIRK__115KV_TB_200 55889	37.00 -2.53 0.00	30.24 -2.61 2.89	29.72 -2.39 0.64	29.15 -2.27 0.55	29.66 -2.37 0.03	31.30 -2.36 0.09	30.15 -2.53 5.61	38.49 -2.36 0.50	38.06 -1.98 1.28	41.55 -1.96 2.10	43.57 -1.96 0.09	40.82 -1.89 4.54	41.13 -1.91 6.02	40.12 -1.83 8.98	43.62 -1.65 7.92	43.88 -1.33 10.24	46.07 -1.43 14.87	56.31 -1.10 11.50	67.39 -1.21 6.94	74.40 -1.40 1.86	65.82 -1.00 0.00	54.79 -2.05 0.03	47.27 -2.70 0.00	41.75 -3.09 0.00
DUNKIRK___1 23563	37.00 -2.53 0.00	30.24 -2.61 2.89	29.72 -2.39 0.64	29.15 -2.27 0.55	29.66 -2.37 0.03	31.30 -2.36 0.09	30.15 -2.53 5.61	38.49 -2.36 0.50	38.06 -1.98 1.28	41.55 -1.96 2.10	43.57 -1.96 0.09	40.82 -1.89 4.54	41.13 -1.91 6.02	40.12 -1.83 8.98	43.62 -1.65 7.92	43.88 -1.33 10.24	46.07 -1.43 14.87	56.31 -1.10 11.50	67.39 -1.21 6.94	74.40 -1.40 1.86	65.82 -1.00 0.00	54.79 -2.05 0.03	47.27 -2.70 0.00	41.75 -3.09 0.00
DUNKIRK___2 23564	37.00 -2.53 0.00	30.24 -2.61 2.89	29.72 -2.39 0.64	29.15 -2.27 0.55	29.66 -2.37 0.03	31.30 -2.36 0.09	30.15 -2.53 5.61	38.49 -2.36 0.50	38.06 -1.98 1.28	41.55 -1.96 2.10	43.57 -1.96 0.09	40.82 -1.89 4.54	41.13 -1.91 6.02	40.12 -1.83 8.98	43.62 -1.65 7.92	43.88 -1.33 10.24	46.07 -1.43 14.87	56.31 -1.10 11.50	67.39 -1.21 6.94	74.40 -1.40 1.86	65.82 -1.00 0.00	54.79 -2.05 0.03	47.27 -2.70 0.00	41.75 -3.09 0.00
DUNKIRK___3 23565	37.00 -2.53 0.00	30.22 -2.57 2.95	29.74 -2.36 0.66	29.17 -2.24 0.56	29.66 -2.37 0.03	31.26 -2.40 0.09	30.05 -2.53 5.72	38.48 -2.36 0.51	37.99 -2.02 1.30	41.47 -2.01 2.14	43.52 -2.01 0.09	40.68 -1.94 4.62	41.01 -1.91 6.13	40.00 -1.78 9.15	43.47 -1.65 8.07	43.74 -1.28 10.44	45.79 -1.43 15.16	56.02 -1.17 11.72	67.05 -1.36 7.13	74.12 -1.63 1.91	65.49 -1.34 0.00	54.56 -2.27 0.03	47.07 -2.90 0.00	41.62 -3.23 0.00
DUNKIRK___4 23566	37.00 -2.53 0.00	30.22 -2.57 2.95	29.74 -2.36 0.66	29.17 -2.24 0.56	29.66 -2.37 0.03	31.26 -2.40 0.09	30.05 -2.53 5.72	38.48 -2.36 0.51	37.99 -2.02 1.30	41.47 -2.01 2.14	43.52 -2.01 0.09	40.68 -1.94 4.62	41.01 -1.91 6.13	40.00 -1.78 9.15	43.47 -1.65 8.07	43.74 -1.28 10.44	45.79 -1.43 15.16	56.02 -1.17 11.72	67.05 -1.36 7.13	74.12 -1.63 1.91	65.49 -1.34 0.00	54.56 -2.27 0.03	47.07 -2.90 0.00	41.62 -3.23 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.95 1.42 0.00	37.17 1.43 0.00	34.00 1.24 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.07 1.32 0.00	39.67 1.38 0.00	43.33 1.98 0.00	43.38 2.07 0.00	47.99 2.37 0.00	48.22 2.60 0.00	50.12 2.88 0.00	51.91 2.85 0.00	54.04 3.11 0.00	56.37 3.19 0.00	58.67 3.22 0.00	66.49 4.12 0.00	74.01 5.10 0.00	80.97 5.44 0.00	83.09 5.44 0.00	70.70 3.88 0.00	59.87 3.01 0.00	52.81 2.85 0.00	47.18 2.33 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.79 1.26 0.00	37.02 1.29 0.00	33.87 1.11 0.00	33.09 1.12 0.00	33.12 1.06 0.00	34.90 1.15 0.00	39.48 1.19 0.00	43.00 1.65 0.00	43.05 1.74 0.00	47.58 1.96 0.00	47.76 2.14 0.00	49.60 2.36 0.00	51.42 2.35 0.00	53.54 2.60 0.00	55.90 2.71 0.00	58.17 2.72 0.00	66.00 3.62 0.00	73.46 4.55 0.00	80.44 4.91 0.00	82.63 4.97 0.00	70.30 3.47 0.00	59.59 2.73 0.00	52.46 2.50 0.00	46.86 2.02 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.07 1.54 0.00	37.27 1.54 0.00	34.07 1.31 0.00	33.47 1.50 0.00	33.37 1.31 0.00	34.90 1.15 0.00	39.56 1.26 0.00	43.25 1.90 0.00	43.38 2.07 0.00	48.08 2.46 0.00	48.31 2.69 0.00	50.27 3.02 0.00	52.10 3.04 0.00	54.29 3.36 0.01	56.43 3.24 0.00	58.50 3.05 0.00	66.37 3.99 0.00	73.94 5.03 0.00	80.90 5.36 0.00	82.86 5.20 0.00	70.37 3.54 0.00	59.59 2.73 0.00	52.91 2.95 0.00	47.45 2.60 0.00

E179THST_13_KV_LOAD 356214	41.23 1.70 0.00	37.45 1.72 0.00	34.20 1.44 0.00	33.60 1.63 0.00	33.50 1.44 0.00	35.03 1.28 0.00	39.75 1.46 0.00	43.45 2.11 0.00	43.59 2.27 0.00	48.35 2.74 0.00	48.59 2.97 0.00	50.55 3.31 0.00	52.40 3.34 0.00	54.60 3.67 0.01	56.80 3.62 0.00	58.89 3.44 0.00	66.81 4.43 0.00	74.42 5.51 0.00	81.43 5.89 0.00	83.40 5.75 0.00	70.83 4.01 0.00	59.99 3.13 0.00	53.16 3.20 0.00	47.67 2.83 0.00
EAST HAMPTON___GT 23717	41.54 2.01 0.00	37.35 1.61 0.00	33.97 1.21 0.00	33.12 1.15 0.00	33.15 1.09 0.00	35.27 1.52 0.00	39.98 1.68 0.00	43.82 2.48 0.00	43.22 1.90 0.00	47.03 1.42 0.00	47.58 1.96 0.00	49.74 2.50 0.00	50.82 1.76 0.00	52.76 1.83 0.01	55.58 2.40 0.00	57.55 2.11 0.01	65.43 3.06 0.00	72.29 3.38 0.00	81.67 3.63 -2.51	83.59 4.35 -1.59	72.18 3.34 -2.02	59.47 1.70 -0.91	50.06 0.10 0.00	46.73 1.88 0.00
EAST RIVER___6 23660	41.03 1.50 0.00	37.27 1.54 0.00	34.03 1.28 0.00	33.34 1.37 0.00	33.37 1.31 0.00	35.03 1.28 0.00	39.90 1.61 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.26 2.64 0.00	48.50 2.88 0.00	50.60 3.35 0.00	52.44 3.38 0.00	54.40 3.47 0.00	56.80 3.62 0.00	59.01 3.55 0.00	67.25 4.87 0.00	74.56 5.65 0.00	81.65 6.12 0.00	83.87 6.21 0.00	71.50 4.68 0.00	59.99 3.13 0.00	52.66 2.70 0.00	47.36 2.51 0.00
EAST RIVER___7 23524	41.03 1.50 0.00	37.27 1.54 0.00	34.03 1.28 0.00	33.34 1.37 0.00	33.37 1.31 0.00	35.03 1.28 0.00	39.90 1.61 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.26 2.64 0.00	48.50 2.88 0.00	50.60 3.35 0.00	52.44 3.38 0.00	54.40 3.47 0.00	56.80 3.62 0.00	59.01 3.55 0.00	67.25 4.87 0.00	74.56 5.65 0.00	81.65 6.12 0.00	83.87 6.21 0.00	71.50 4.68 0.00	59.99 3.13 0.00	52.66 2.70 0.00	47.36 2.51 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.87 1.34 0.00	37.13 1.39 0.00	33.97 1.21 0.00	33.15 1.18 0.00	33.18 1.12 0.00	35.00 1.25 0.00	39.60 1.30 0.00	43.25 1.90 0.00	43.30 1.98 0.00	47.85 2.24 0.00	48.08 2.46 0.00	49.98 2.74 0.00	51.76 2.70 0.00	53.89 2.95 0.00	56.21 3.03 0.00	58.50 3.05 0.00	66.31 3.93 0.00	73.74 4.82 0.00	80.75 5.21 0.00	82.86 5.20 0.00	70.50 3.68 0.00	59.70 2.84 0.00	52.66 2.70 0.00	47.09 2.24 0.00
EAST_HAMPTON___DIESEL 23722	41.46 1.94 0.00	37.31 1.57 0.00	33.93 1.18 0.00	33.06 1.09 0.00	33.09 1.03 0.00	35.20 1.45 0.00	39.90 1.61 0.00	43.78 2.44 0.00	43.13 1.82 0.00	46.94 1.32 0.00	47.49 1.87 0.00	49.65 2.41 0.00	50.73 1.67 0.00	52.71 1.78 0.01	55.47 2.29 0.00	57.44 1.99 0.01	65.31 2.93 0.00	72.22 3.31 0.00	81.52 3.48 -2.51	83.44 4.19 -1.59	72.05 3.21 -2.02	59.36 1.59 -0.91	49.96 0.00 0.00	46.64 1.80 0.00
EAST_POINT___SOLAR 323840	42.02 2.49 0.00	38.10 2.36 0.00	34.88 2.13 0.00	33.95 1.98 0.00	34.11 2.05 0.00	36.01 2.26 0.00	40.67 2.38 0.00	43.25 1.90 0.00	42.80 1.49 0.00	46.80 1.18 0.00	46.35 0.73 0.00	48.04 0.80 0.00	50.19 1.13 0.00	52.31 1.38 0.00	55.15 1.97 0.00	58.01 2.55 0.00	64.62 2.24 0.00	71.81 2.89 0.00	80.07 4.53 0.00	83.64 5.98 0.00	72.23 5.41 0.00	61.57 4.38 -0.34	54.40 3.65 -0.79	48.03 3.18 0.00
EAST_PULASKI___ESR 323781	40.40 0.87 0.00	36.31 0.57 0.00	33.21 0.46 0.00	32.42 0.45 0.00	32.51 0.45 0.00	34.22 0.47 0.00	38.94 0.65 0.00	42.05 0.70 0.00	42.14 0.83 0.00	46.58 0.96 0.00	46.35 0.73 0.00	47.90 0.66 0.00	49.84 0.78 0.00	51.60 0.66 0.00	53.98 0.80 0.00	56.34 0.88 0.00	62.69 0.31 0.00	69.60 0.69 0.00	76.51 0.98 0.00	79.13 1.47 0.00	68.29 1.47 0.00	58.11 1.25 0.00	51.11 1.15 0.00	45.70 0.85 0.00
EAST_RIVER___1 323558	41.07 1.54 0.00	37.31 1.57 0.00	34.07 1.31 0.00	33.37 1.41 0.00	33.41 1.35 0.00	35.10 1.35 0.00	39.98 1.68 0.00	43.49 2.15 0.00	43.42 2.11 0.00	48.26 2.64 0.00	48.50 2.88 0.00	50.60 3.35 0.00	52.40 3.34 0.00	54.35 3.41 0.00	56.75 3.56 0.00	58.95 3.50 0.00	67.12 4.74 0.00	74.49 5.58 0.00	81.58 6.05 0.00	83.72 6.06 0.00	71.30 4.48 0.00	59.87 3.01 0.00	52.61 2.65 0.00	47.31 2.46 0.00
EAST_RIVER___2 323559	41.03 1.50 0.00	37.27 1.54 0.00	34.03 1.28 0.00	33.34 1.37 0.00	33.37 1.31 0.00	35.03 1.28 0.00	39.90 1.61 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.26 2.64 0.00	48.50 2.88 0.00	50.60 3.35 0.00	52.44 3.38 0.00	54.40 3.47 0.00	56.80 3.62 0.00	59.01 3.55 0.00	67.25 4.87 0.00	74.56 5.65 0.00	81.65 6.12 0.00	83.87 6.21 0.00	71.50 4.68 0.00	59.99 3.13 0.00	52.66 2.70 0.00	47.36 2.51 0.00
EAST___DELAWARE_HYD 23607	40.68 1.15 0.00	36.91 1.18 0.00	33.71 0.95 0.00	32.96 0.99 0.00	32.96 0.90 0.00	34.73 0.98 0.00	39.48 1.19 0.00	42.79 1.45 0.00	42.72 1.41 0.00	47.31 1.69 0.00	47.40 1.78 0.00	49.42 2.17 0.00	51.27 2.21 0.00	53.13 2.19 0.00	55.63 2.45 0.00	57.78 2.33 0.00	65.68 3.30 0.00	73.05 4.13 0.00	80.07 4.53 0.00	82.47 4.82 0.00	70.30 3.47 0.00	59.25 2.44 0.06	51.78 1.95 0.13	46.59 1.75 0.00
EIGHT_POINT___WT_PWR 323820	38.62 -0.91 0.00	45.77 -1.14 -11.18	33.99 -1.18 -2.41	32.84 -1.18 -2.06	30.90 -1.25 -0.10	33.00 -1.11 -0.37	59.06 -1.00 -21.76	42.50 -0.70 -1.86	45.99 -0.41 -5.09	53.60 -0.55 -8.53	45.60 -0.82 -0.80	64.35 -1.04 -18.15	72.22 -0.88 -24.04	85.53 -0.92 -35.51	83.73 -0.85 -31.40	95.05 -0.61 -40.21	118.69 -1.06 -57.37	112.78 -0.21 -44.08	107.17 0.30 -31.33	87.20 0.62 -8.92	67.56 0.74 0.00	56.64 -0.34 -0.11	48.97 -1.00 0.00	43.24 -1.75 -0.14
ELBRIDGE_115KV_TB2 80188	39.21 -0.32 0.00	35.24 -0.50 0.00	32.30 -0.46 0.00	31.52 -0.45 0.00	31.61 -0.45 0.00	33.24 -0.51 0.00	37.72 -0.57 0.00	40.68 -0.66 0.00	41.52 -0.54 -0.74	46.39 -0.59 -1.37	46.60 -0.59 -1.58	48.29 -0.66 -1.71	50.43 -0.64 -2.01	52.62 -0.61 -2.29	55.04 -0.59 -2.44	56.54 -0.50 -1.59	62.77 -0.62 -1.02	68.69 -0.48 -0.26	76.09 -0.45 -1.01	78.15 -0.39 -0.88	66.69 -0.13 0.00	56.41 -0.45 0.00	49.41 -0.55 0.00	44.66 -0.67 -0.49
ELEC_TRO_TEK 24086	41.15 1.62 0.00	37.24 1.50 0.00	34.07 1.31 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.20 1.45 0.00	39.71 1.42 0.00	43.41 2.07 0.00	43.42 2.11 0.00	47.49 1.87 0.00	48.13 2.51 0.00	49.84 2.60 0.00	51.42 2.35 0.00	53.53 2.60 0.01	55.95 2.77 0.00	58.11 2.66 0.00	65.81 3.43 0.00	73.32 4.41 0.00	80.44 4.91 0.00	82.24 4.58 0.00	69.96 3.14 0.00	59.65 2.79 0.00	53.01 3.05 0.00	47.58 2.74 0.00
ELLENBURG_WT_PWR 323604	39.65 0.12 0.00	35.84 0.11 0.00	32.76 0.00 0.00	31.97 0.00 0.00	32.09 0.03 0.00	33.78 0.03 0.00	38.49 0.19 0.00	41.43 0.08 0.00	41.48 0.17 0.00	45.85 0.23 0.00	45.76 0.14 0.00	47.34 0.09 0.00	49.26 0.20 0.00	51.09 0.15 0.00	53.13 -0.05 0.00	55.34 -0.11 0.00	62.25 -0.12 0.00	68.50 -0.41 0.00	75.16 -0.38 0.00	77.43 -0.23 0.00	66.49 -0.33 0.00	56.80 -0.06 0.00	49.96 0.00 0.00	44.80 -0.04 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.84 -2.69 0.00	29.87 -2.93 2.94	29.41 -2.69 0.66	28.78 -2.62 0.56	29.31 -2.73 0.03	30.79 -2.87 0.09	29.57 -3.03 5.70	37.94 -2.89 0.51	37.54 -2.48 1.30	40.84 -2.65 2.13	42.93 -2.60 0.09	40.15 -2.50 4.59	40.42 -2.55 6.09	39.43 -2.39 9.12	42.86 -2.29 8.04	43.12 -1.94 10.39	44.98 -2.31 15.09	54.94 -2.27 11.70	65.76 -2.72 7.06	72.51 -3.26 1.89	64.49 -2.34 0.00	53.48 -3.35 0.03	46.52 -3.45 0.00	41.30 -3.54 0.00
EMPIRE_CC_1 323656	40.71 1.18 0.00	36.91 1.18 0.00	33.97 1.21 0.00	33.12 1.15 0.00	33.21 1.15 0.00	35.00 1.25 0.00	39.44 1.15 0.00	42.63 1.28 0.00	42.43 1.12 0.00	46.80 1.18 0.00	46.80 1.18 0.00	48.33 1.09 0.00	50.19 1.13 0.00	52.16 1.22 0.00	54.62 1.44 0.00	56.95 1.50 0.00	64.12 1.74 0.00	70.91 2.00 0.00	77.58 2.04 0.00	79.45 1.79 0.00	68.56 1.73 0.00	59.54 1.59 -1.09	53.98 1.45 -2.57	46.37 1.53 0.00
EMPIRE_CC_2 323658	40.71 1.18 0.00	36.91 1.18 0.00	33.97 1.21 0.00	33.12 1.15 0.00	33.21 1.15 0.00	35.00 1.25 0.00	39.44 1.15 0.00	42.63 1.28 0.00	42.43 1.12 0.00	46.80 1.18 0.00	46.80 1.18 0.00	48.33 1.09 0.00	50.19 1.13 0.00	52.16 1.22 0.00	54.62 1.44 0.00	56.95 1.50 0.00	64.12 1.74 0.00	70.91 2.00 0.00	77.58 2.04 0.00	79.45 1.79 0.00	68.56 1.73 0.00	59.54 1.59 -1.09	53.98 1.45 -2.57	46.37 1.53 0.00
ENORWICH_115KV_TB1 80156	41.43 1.90 0.00	38.03 1.64 -0.65	34.34 1.44 -0.14	33.46 1.37 -0.12	33.41 1.35 -0.01	35.26 1.49 -0.02	41.37 1.80 -1.27	43.52 2.07 -0.11	44.05 2.11 -0.63	49.15 2.42 -1.11	48.52 2.14 -0.75	51.24 2.17 -1.83	53.82 2.45 -2.31	56.39 2.34 -3.11	58.83 2.71 -2.93	61.13 2.61 -3.07	68.98 2.74 -3.86	75.44 3.79 -2.73	82.50 4.61 -2.36	83.97 5.44 -0.87	71.44 4.61 0.00	60.62 3.75 -0.01	52.66 2.70 0.00	47.18 2.11 -0.23
ERIE_ST__34_KV_TB1-2 80199	37.12 -2.41 0.00	31.12 -1.89 2.72	30.41 -1.74 0.61	29.79 -1.66 0.52	30.14 -1.89 0.02	31.92 -1.79 0.04	31.21 -1.80 5.29	39.31 -1.57 0.47	39.00 -1.12 1.20	42.58 -1.05 1.98	44.58 -1.00 0.04	42.16 -0.80 4.28	42.60 -0.78 5.68	41.91 -0.56 8.46	45.40 -0.32 7.46	45.97 0.17 9.65	48.55 0.19 14.01	58.54 0.48 10.85	71.17 0.15 4.51	75.97 -0.31 1.38	65.62 -1.20 0.00	55.24 -1.59 0.03	47.12 -2.85 0.00	41.12 -3.72 0.00
ERIE_WT_PWR 323693	37.04 -2.49 0.00	30.26 -2.54 2.94	29.78 -2.32 0.65	29.11 -2.30 0.56	29.60 -2.44 0.03	31.20 -2.46 0.09	29.94 -2.64 5.71	38.52 -2.31 0.51	38.03 -1.98 1.30	41.33 -2.14 2.14	43.39 -2.14 0.09	40.60 -2.03 4.62	40.88 -2.06 6.13	39.86 -1.94 9.14	43.37 -1.75 8.06	43.70 -1.33 10.42	46.07 -2.06 14.25	56.37 -1.52 11.03	67.13 -1.89 6.52	73.45 -2.33 1.88	64.88 -1.94 0.00	54.33 -2.50 0.03	47.47 -2.50 0.00	41.57 -3.27 0.00
ESPRGFLD_115KV_TB1 80157	41.19 1.66 0.00	37.27 1.54 0.00	34.13 1.38 0.00	33.28 1.31 0.00	33.37 1.31 0.00	35.24 1.49 0.00	39.86 1.57 0.00	43.04 1.70 0.00	42.93 1.61 0.00	47.40 1.78 0.00	47.22 1.60 0.00	48.90 1.65 0.00	50.92 1.86 0.00	52.87 1.94 0.00	55.47 2.29 0.00	57.84 2.38 0.00	64.81 2.43 0.00	71.94 3.03 0.00	79.39 3.85 0.00	82.08 4.43 0.00	70.63 3.81 0.00	60.22 3.13 -0.23	52.96 2.45 -0.55	46.86 2.02 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.08 0.55 0.00	37.19 0.36 -1.10	33.32 0.33 -0.24	32.49 0.32 -0.20	32.36 0.29 -0.01	34.12 0.34 -0.04	40.82 0.38 -2.14	41.98 0.45 -0.18	42.83 0.58 -0.94	47.85 0.59 -1.64	47.13 0.50 -1.00	50.45 0.43 -2.79	53.10 0.49 -3.54	56.34 0.56 -4.84	58.40 0.69 -4.52	61.17 0.83 -4.89	69.63 0.94 -6.32	74.98 1.52 -4.55	81.18 1.89 -3.76	81.16 2.17 -1.33	68.76 1.94 0.00	58.18 1.31 -0.01	50.71 0.75 0.00	45.51 0.36 -0.30
ETNA____115KV_TB2 80207	40.08 0.55 0.00	37.19 0.36 -1.10	33.32 0.33 -0.24	32.49 0.32 -0.20	32.36 0.29 -0.01	34.12 0.34 -0.04	40.82 0.38 -2.14	41.98 0.45 -0.18	42.83 0.58 -0.94	47.85 0.59 -1.64	47.13 0.50 -1.00	50.45 0.43 -2.79	53.10 0.49 -3.54	56.34 0.56 -4.84	58.40 0.69 -4.52	61.17 0.83 -4.89	69.63 0.94 -6.32	74.98 1.52 -4.55	81.18 1.89 -3.76	81.16 2.17 -1.33	68.76 1.94 0.00	58.18 1.31 -0.01	50.71 0.75 0.00	45.51 0.36 -0.30
EUCLID___115KV_TB2 356179	38.97 -0.55 0.00	35.06 -0.68 0.00	32.10 -0.66 0.00	31.36 -0.61 0.00	31.45 -0.61 0.00	33.08 -0.68 0.00	37.53 -0.77 0.00	40.43 -0.91 0.00	40.53 -0.78 0.00	44.80 -0.82 0.00	44.84 -0.78 0.00	46.39 -0.85 0.00	48.23 -0.83 0.00	50.12 -0.81 0.00	52.33 -0.85 0.00	54.62 -0.83 0.00	61.38 -1.00 0.00	68.02 -0.90 0.00	74.55 -0.98 0.00	76.65 -1.01 0.00	66.16 -0.67 0.00	55.95 -0.91 0.00	49.11 -0.85 0.00	43.95 -0.90 0.00
E_CANADA_CAP_HY 24051	41.74 2.21 0.00	37.84 2.11 0.00	34.62 1.87 0.00	33.73 1.76 0.00	33.89 1.83 0.00	35.74 1.99 0.00	40.44 2.14 0.00	43.37 2.03 0.00	43.01 1.69 0.00	47.26 1.64 0.00	46.99 1.37 0.00	48.66 1.42 0.00	50.68 1.62 0.00	52.77 1.83 0.00	55.42 2.23 0.00	58.01 2.55 0.00	64.88 2.50 0.00	72.15 3.24 0.00	79.91 4.38 0.00	82.94 5.28 0.00	71.50 4.68 0.00	60.92 3.75 -0.31	53.89 3.20 -0.73	47.63 2.78 0.00
E_CANADA_MHWK_HY 24050	39.69 0.16 0.00	35.88 0.14 0.00	32.89 0.13 0.00	32.10 0.13 0.00	32.19 0.13 0.00	33.92 0.17 0.00	38.45 0.15 0.00	41.51 0.17 0.00	41.44 0.12 0.00	45.80 0.18 0.00	45.76 0.14 0.00	47.43 0.19 0.00	49.26 0.20 0.00	51.09 0.15 0.00	53.45 0.27 0.00	55.62 0.17 0.00	62.38 0.00 0.00	68.98 0.07 0.00	75.61 0.08 0.00	77.89 0.23 0.00	66.96 0.13 0.00	56.98 0.11 0.00	50.16 0.20 0.00	45.03 0.18 0.00
E_FISHKILL___LBMP 23776	40.67 1.15 0.00	36.95 1.22 0.00	33.80 1.05 0.00	33.02 1.05 0.00	33.05 0.99 0.00	34.86 1.11 0.00	39.40 1.11 0.00	42.96 1.61 0.00	43.01 1.69 0.00	47.53 1.92 0.00	47.72 2.10 0.00	49.51 2.27 0.00	51.32 2.26 0.00	53.38 2.44 0.00	55.74 2.55 0.00	58.00 2.55 0.00	65.68 3.31 0.00	72.98 4.07 0.00	79.92 4.38 0.00	82.01 4.35 0.00	69.90 3.07 0.00	59.31 2.45 0.00	52.26 2.30 0.00	46.77 1.93 0.00
FALCON___SEABRD_CC1 323796	40.08 0.55 0.00	36.24 0.50 0.00	33.12 0.36 0.00	32.32 0.35 0.00	32.45 0.39 0.00	34.16 0.41 0.00	38.94 0.65 0.00	41.88 0.54 0.00	41.97 0.66 0.00	46.39 0.77 0.00	46.31 0.69 0.00	47.85 0.61 0.00	49.80 0.74 0.00	51.70 0.77 0.00	53.71 0.53 0.00	56.06 0.61 0.00	62.94 0.56 0.00	69.40 0.49 0.00	76.14 0.60 0.00	78.36 0.70 0.00	67.30 0.47 0.00	57.49 0.63 0.00	50.51 0.55 0.00	45.25 0.40 0.00
FALCON___SEABRD_CC2 323797	40.08 0.55 0.00	36.24 0.50 0.00	33.12 0.36 0.00	32.32 0.35 0.00	32.45 0.39 0.00	34.16 0.41 0.00	38.94 0.65 0.00	41.88 0.54 0.00	41.97 0.66 0.00	46.39 0.77 0.00	46.31 0.69 0.00	47.85 0.61 0.00	49.80 0.74 0.00	51.70 0.77 0.00	53.71 0.53 0.00	56.06 0.61 0.00	62.94 0.56 0.00	69.40 0.49 0.00	76.14 0.60 0.00	78.36 0.70 0.00	67.30 0.47 0.00	57.49 0.63 0.00	50.51 0.55 0.00	45.25 0.40 0.00

FAR ROCKAWAY___4 23548	41.66 2.13 0.00	37.67 1.93 0.00	34.43 1.67 0.00	33.57 1.60 0.00	33.60 1.54 0.00	35.57 1.82 0.00	40.13 1.84 0.00	43.95 2.60 0.00	43.96 2.64 0.00	48.13 2.51 0.00	48.81 3.19 0.00	50.60 3.35 0.00	52.15 3.09 0.00	54.34 3.41 0.01	56.85 3.67 0.00	59.05 3.60 0.00	66.93 4.55 0.00	74.56 5.65 0.00	81.80 6.27 0.00	83.72 6.06 0.00	71.10 4.28 0.00	60.61 3.75 0.00	53.81 3.85 0.00	48.25 3.41 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.99 1.46 0.00	37.20 1.47 0.00	34.03 1.28 0.00	33.25 1.28 0.00	33.28 1.22 0.00	35.07 1.32 0.00	39.75 1.46 0.00	43.45 2.11 0.00	43.59 2.27 0.00	48.31 2.69 0.00	48.49 2.87 0.00	50.41 3.17 0.00	52.25 3.19 0.00	54.40 3.46 0.00	56.69 3.51 0.00	58.89 3.44 0.00	66.74 4.37 0.00	74.36 5.44 0.00	81.35 5.82 0.00	83.40 5.75 0.00	70.90 4.08 0.00	60.05 3.18 0.00	53.01 3.05 0.00	47.36 2.51 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.99 1.46 0.00	37.24 1.50 0.00	34.03 1.28 0.00	33.25 1.28 0.00	33.28 1.22 0.00	35.07 1.32 0.00	39.75 1.46 0.00	43.45 2.11 0.00	43.59 2.27 0.00	48.31 2.69 0.00	48.49 2.87 0.00	50.45 3.21 0.00	52.25 3.19 0.00	54.45 3.51 0.00	56.69 3.51 0.00	58.89 3.44 0.00	66.81 4.43 0.00	74.36 5.44 0.00	81.43 5.89 0.00	83.40 5.75 0.00	70.90 4.08 0.00	60.05 3.18 0.00	53.01 3.05 0.00	47.36 2.51 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.95 1.42 0.00	37.20 1.47 0.00	34.00 1.24 0.00	33.25 1.28 0.00	33.28 1.22 0.00	35.03 1.28 0.00	39.75 1.46 0.00	43.45 2.11 0.00	43.59 2.27 0.00	48.26 2.65 0.00	48.49 2.87 0.00	50.41 3.17 0.00	52.20 3.14 0.00	54.40 3.46 0.00	56.69 3.51 0.00	58.84 3.38 0.00	66.74 4.37 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.33 5.67 0.00	70.83 4.01 0.00	59.99 3.13 0.00	52.96 3.00 0.00	47.31 2.47 0.00
FARRAGUT___LBMP 323566	40.95 1.42 0.00	37.17 1.43 0.00	34.00 1.24 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.03 1.28 0.00	39.71 1.42 0.00	43.41 2.07 0.00	43.55 2.23 0.00	48.22 2.60 0.00	48.45 2.83 0.00	50.36 3.12 0.00	52.15 3.09 0.00	54.35 3.41 0.00	56.64 3.46 0.00	58.78 3.33 0.00	66.68 4.30 0.00	74.22 5.31 0.00	81.28 5.74 0.00	83.25 5.59 0.00	70.77 3.94 0.00	59.93 3.07 0.00	52.96 3.00 0.00	47.31 2.47 0.00
FARRCKWY_69_KV_BK2 55825	41.66 2.13 0.00	37.67 1.93 0.00	34.43 1.67 0.00	33.57 1.60 0.00	33.60 1.54 0.00	35.57 1.82 0.00	40.13 1.84 0.00	43.95 2.60 0.00	43.96 2.64 0.00	48.13 2.51 0.00	48.81 3.19 0.00	50.60 3.35 0.00	52.15 3.09 0.00	54.34 3.41 0.01	56.85 3.67 0.00	59.05 3.60 0.00	66.93 4.55 0.00	74.56 5.65 0.00	81.80 6.27 0.00	83.72 6.06 0.00	71.10 4.28 0.00	60.61 3.75 0.00	53.81 3.85 0.00	48.25 3.41 0.00
FENNER___WINDPWR 24204	40.20 0.67 0.00	36.27 0.54 0.00	33.21 0.46 0.00	32.38 0.41 0.00	32.48 0.42 0.00	34.22 0.47 0.00	38.87 0.58 0.00	41.97 0.62 0.00	42.22 0.66 -0.25	46.85 0.77 -0.46	46.83 0.69 -0.53	48.47 0.66 -0.57	50.51 0.78 -0.67	52.41 0.71 -0.76	54.90 0.90 -0.81	56.87 0.88 -0.53	63.52 0.81 -0.34	70.24 1.24 -0.09	77.30 1.43 -0.34	79.74 1.79 -0.29	68.36 1.54 0.00	58.11 1.25 0.00	50.86 0.90 0.00	45.68 0.67 -0.16
FIBERTEK___ENERGY 23856	39.61 0.08 0.00	35.59 -0.14 0.00	32.62 -0.13 0.00	31.84 -0.13 0.00	31.93 -0.13 0.00	33.58 -0.17 0.00	38.10 -0.19 0.00	41.10 -0.25 0.00	41.78 -0.08 -0.55	46.58 -0.05 -1.01	46.74 -0.05 -1.16	48.41 -0.09 -1.26	50.49 -0.05 -1.48	52.63 0.00 -1.69	55.04 0.05 -1.80	56.68 0.06 -1.17	63.13 0.00 -0.75	69.31 0.21 -0.19	76.58 0.30 -0.75	78.69 0.39 -0.65	67.36 0.53 0.00	56.97 0.11 0.00	49.96 0.00 0.00	45.03 -0.18 -0.36
FITZPATRICK___ 23598	38.42 -1.11 0.00	34.59 -1.14 0.00	31.71 -1.05 0.00	30.94 -1.02 0.00	31.03 -1.03 0.00	32.67 -1.08 0.00	37.03 -1.26 0.00	39.94 -1.41 0.00	34.82 -1.36 5.13	34.59 -1.60 9.43	33.14 -1.60 10.89	33.82 -1.65 11.77	33.55 -1.67 13.85	33.39 -1.73 15.81	34.60 -1.75 16.83	42.70 -1.78 10.98	53.30 -2.06 7.02	64.98 -2.14 1.80	66.22 -2.34 6.98	69.20 -2.41 6.05	64.88 -1.94 0.00	55.10 -1.76 0.00	48.36 -1.60 0.00	39.89 -1.57 3.39
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.15 1.62 0.00	37.38 1.64 0.00	34.16 1.41 0.00	33.38 1.41 0.00	33.37 1.31 0.00	35.20 1.45 0.00	39.83 1.53 0.00	43.37 2.03 0.00	43.46 2.15 0.00	47.99 2.37 0.00	48.18 2.55 0.00	50.08 2.83 0.00	51.91 2.85 0.00	54.04 3.11 0.00	56.48 3.30 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.20 5.67 0.00	83.40 5.75 0.00	70.90 4.08 0.00	60.16 3.30 0.00	52.91 2.95 0.00	47.27 2.42 0.00
FORT ORANGE___ 23900	40.40 0.87 0.00	36.70 0.97 0.00	33.83 1.08 0.00	32.96 0.99 0.00	33.09 1.03 0.00	34.83 1.08 0.00	39.13 0.84 0.00	42.25 0.91 0.00	42.06 0.74 0.00	46.34 0.73 0.00	46.31 0.69 0.00	47.71 0.47 0.00	49.45 0.39 0.00	51.45 0.51 0.00	53.82 0.64 0.00	56.12 0.67 0.00	63.25 0.87 0.00	70.08 1.17 0.00	76.74 1.20 0.00	78.90 1.24 0.00	67.96 1.13 0.00	56.07 0.97 1.75	46.73 0.90 4.14	46.01 1.16 0.00
FORT_DRUM_COGEN 23780	41.50 1.98 0.00	37.42 1.68 0.00	34.20 1.44 0.00	33.34 1.37 0.00	33.41 1.35 0.00	35.24 1.49 0.00	40.21 1.91 0.00	43.33 1.98 0.00	43.30 1.98 0.00	48.03 2.42 0.00	47.45 1.82 0.00	48.94 1.70 0.00	51.12 2.06 0.00	52.47 1.53 0.00	54.94 1.76 0.00	56.73 1.28 0.00	63.56 1.19 0.00	70.70 1.79 0.00	78.18 2.64 0.00	81.46 3.81 0.00	70.23 3.41 0.00	60.05 3.18 0.00	52.36 2.40 0.00	47.04 2.20 0.00
FOX_HILLS___ESR 323835	41.39 1.86 -0.01	37.63 1.89 0.00	34.33 1.57 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.09 1.80 0.00	43.58 2.23 0.00	43.46 2.15 0.00	48.45 2.83 0.00	48.68 3.06 0.00	50.83 3.59 0.00	52.80 3.73 -0.01	54.61 3.67 -0.01	56.90 3.72 0.00	58.65 3.33 0.13	66.89 4.80 0.29	74.23 5.65 0.33	79.75 6.20 1.98	83.48 6.13 0.31	71.23 4.41 0.00	60.04 3.18 0.00	52.92 2.95 -0.01	47.68 2.83 -0.01
FPL_FAR_ROCK_GT1 24212	41.90 2.37 0.00	37.81 2.07 0.00	34.46 1.70 0.00	33.63 1.66 0.00	33.66 1.60 0.00	35.64 1.89 0.00	40.47 2.18 0.00	44.07 2.73 0.00	43.71 2.40 0.00	48.08 2.46 0.00	48.72 3.10 0.00	50.83 3.59 0.00	52.25 3.19 0.00	54.29 3.36 0.01	56.69 3.51 0.00	58.94 3.50 0.00	67.12 4.74 0.00	74.49 5.58 0.00	81.58 6.05 0.00	83.79 6.13 0.00	71.37 4.55 0.00	59.93 3.07 0.00	51.96 2.00 0.00	47.85 3.01 0.00
FPL_FAR_ROCK_GT2 23815	41.90 2.37 0.00	37.81 2.07 0.00	34.46 1.70 0.00	33.63 1.66 0.00	33.66 1.60 0.00	35.64 1.89 0.00	40.47 2.18 0.00	44.07 2.73 0.00	43.71 2.40 0.00	48.08 2.46 0.00	48.72 3.10 0.00	50.83 3.59 0.00	52.25 3.19 0.00	54.29 3.36 0.01	56.69 3.51 0.00	58.94 3.50 0.00	67.12 4.74 0.00	74.49 5.58 0.00	81.58 6.05 0.00	83.79 6.13 0.00	71.37 4.55 0.00	59.93 3.07 0.00	51.96 2.00 0.00	47.85 3.01 0.00

FRANKLIN_FALL_HYD 24054	39.77 0.24 0.00	36.13 0.39 0.00	32.95 0.20 0.00	32.16 0.19 0.00	32.32 0.26 0.00	34.02 0.27 0.00	38.87 0.57 0.00	41.80 0.45 0.00	41.89 0.58 0.00	46.30 0.68 0.00	46.12 0.50 0.00	47.62 0.38 0.00	49.65 0.59 0.00	51.45 0.51 0.00	53.40 0.21 0.00	55.62 0.17 0.00	62.44 0.06 0.00	68.77 -0.14 0.00	75.61 0.08 0.00	77.89 0.23 0.00	66.89 0.07 0.00	57.20 0.34 0.00	50.26 0.30 0.00	45.07 0.22 0.00
FREEPORT_EQUS_GT1 23764	41.82 2.29 0.00	37.70 1.96 0.00	34.36 1.60 0.00	33.53 1.57 0.00	33.57 1.51 0.00	35.54 1.79 0.00	40.36 2.07 0.00	43.99 2.65 0.00	43.54 2.23 0.00	47.81 2.19 0.00	48.40 2.78 0.00	50.46 3.21 0.00	51.86 2.80 0.00	53.83 2.90 0.01	56.27 3.08 0.00	58.33 2.88 0.01	66.43 4.05 0.00	73.66 4.75 0.00	80.74 5.21 0.00	82.94 5.28 0.00	70.70 3.87 0.00	59.36 2.50 0.00	51.51 1.55 0.00	47.58 2.74 0.00
FREEPORT___CT2 23818	41.82 2.29 0.00	37.70 1.96 0.00	34.36 1.60 0.00	33.53 1.57 0.00	33.57 1.51 0.00	35.54 1.79 0.00	40.36 2.07 0.00	43.99 2.65 0.00	43.54 2.23 0.00	47.81 2.19 0.00	48.40 2.78 0.00	50.46 3.21 0.00	51.86 2.80 0.00	53.83 2.90 0.01	56.27 3.08 0.00	58.33 2.88 0.01	66.43 4.05 0.00	73.66 4.75 0.00	80.74 5.21 0.00	82.94 5.28 0.00	70.70 3.87 0.00	59.36 2.50 0.00	51.51 1.55 0.00	47.58 2.74 0.00
FRESHKLS_33_KV_LOAD 356253	41.55 2.01 -0.01	37.74 2.00 0.00	34.43 1.67 0.00	33.73 1.76 0.00	33.73 1.67 0.00	35.30 1.55 0.00	40.21 1.91 0.00	43.66 2.31 0.00	43.54 2.23 0.00	48.54 2.92 0.00	48.81 3.19 0.00	50.97 3.73 0.00	52.94 3.87 -0.01	54.71 3.77 -0.01	57.01 3.83 0.00	58.71 3.38 0.13	66.96 4.87 0.29	74.37 5.79 0.33	79.90 6.35 1.98	83.64 6.29 0.31	71.37 4.55 0.00	60.22 3.35 0.00	53.12 3.15 -0.01	47.81 2.96 -0.01
FULTON COGEN____ 23766	39.96 0.43 0.00	35.88 0.14 0.00	32.85 0.10 0.00	32.10 0.13 0.00	32.19 0.13 0.00	33.85 0.10 0.00	38.45 0.15 0.00	41.47 0.12 0.00	41.80 0.33 -0.15	46.35 0.46 -0.28	46.31 0.36 -0.32	47.87 0.28 -0.35	49.86 0.39 -0.41	51.81 0.41 -0.47	54.21 0.53 -0.50	56.05 0.28 -0.32	62.77 0.19 -0.21	69.45 0.48 -0.05	76.34 0.60 -0.21	78.69 0.85 -0.18	67.76 0.94 0.00	57.43 0.57 0.00	50.51 0.55 0.00	45.26 0.31 -0.10
FULTON___LFGE 323630	41.74 2.21 0.00	37.84 2.11 0.00	34.65 1.90 0.00	33.76 1.79 0.00	33.89 1.83 0.00	35.78 2.02 0.00	40.44 2.14 0.00	43.41 2.07 0.00	43.01 1.69 0.00	47.21 1.60 0.00	46.94 1.32 0.00	48.56 1.32 0.00	50.53 1.47 0.00	52.62 1.68 0.00	55.26 2.07 0.00	57.84 2.38 0.00	64.81 2.43 0.00	72.08 3.17 0.00	79.84 4.30 0.00	82.86 5.20 0.00	71.50 4.68 0.00	60.95 3.75 -0.34	53.97 3.20 -0.81	47.67 2.83 0.00
G.F.CEMENT___DRP 24184	42.26 2.73 0.00	38.31 2.57 0.00	35.08 2.33 0.00	34.14 2.17 0.00	34.30 2.24 0.00	36.18 2.43 0.00	40.97 2.68 0.00	44.24 2.89 0.00	43.96 2.64 0.00	48.45 2.83 0.00	48.45 2.83 0.00	50.22 2.98 0.00	52.00 2.94 0.00	53.13 2.19 0.00	55.74 2.55 0.00	58.28 2.83 0.00	64.87 2.50 0.00	72.01 3.10 0.00	78.86 3.32 0.00	81.31 3.65 0.00	70.10 3.27 0.00	60.26 2.79 -0.61	53.96 2.55 -1.45	48.16 3.32 0.00
GARDENVILLE___LBMP 24039	36.92 -2.61 0.00	29.78 -2.72 3.24	29.54 -2.49 0.72	28.92 -2.43 0.62	29.47 -2.56 0.03	31.02 -2.63 0.10	29.20 -2.80 6.29	38.14 -2.65 0.56	37.65 -2.23 1.43	40.93 -2.33 2.36	43.19 -2.33 0.10	39.94 -2.22 5.08	40.06 -2.26 6.75	38.78 -2.09 10.07	42.34 -1.97 8.88	42.36 -1.61 11.48	43.77 -1.93 16.68	54.16 -1.86 12.89	65.42 -2.19 7.92	72.79 -2.72 2.15	64.75 -2.07 0.00	53.87 -2.96 0.03	46.67 -3.30 0.00	41.35 -3.50 0.00
GARDNVLA_35_KV_LD 355827	37.12 -2.41 0.00	30.33 -2.57 2.83	29.77 -2.36 0.63	29.16 -2.27 0.54	29.66 -2.37 0.03	31.21 -2.46 0.08	30.20 -2.60 5.49	38.46 -2.40 0.49	38.04 -2.02 1.25	41.51 -2.05 2.06	43.53 -2.01 0.08	40.86 -1.94 4.44	41.25 -1.91 5.89	40.36 -1.78 8.79	43.79 -1.65 7.75	44.21 -1.22 10.02	46.33 -1.50 14.56	56.26 -1.38 11.27	67.18 -1.74 6.62	73.69 -2.17 1.79	65.09 -1.74 0.00	54.22 -2.62 0.03	46.92 -3.05 0.00	41.53 -3.32 0.00
GELCKHM___115KV_LOAD 80723	39.21 -0.32 0.00	35.24 -0.50 0.00	32.30 -0.46 0.00	31.52 -0.45 0.00	31.61 -0.45 0.00	33.24 -0.51 0.00	37.76 -0.54 0.00	40.68 -0.66 0.00	41.03 -0.54 -0.25	45.53 -0.55 -0.46	45.60 -0.55 -0.53	47.25 -0.57 -0.57	49.19 -0.54 -0.67	51.20 -0.51 -0.77	53.47 -0.53 -0.82	55.49 -0.50 -0.53	62.10 -0.62 -0.34	68.52 -0.48 -0.09	75.35 -0.53 -0.34	77.49 -0.47 -0.29	66.56 -0.27 0.00	56.35 -0.51 0.00	49.41 -0.55 0.00	44.38 -0.63 -0.16
GENERAL___MILLS 23808	37.00 -2.53 0.00	30.19 -2.61 2.94	29.71 -2.39 0.65	29.11 -2.30 0.56	29.60 -2.44 0.03	31.17 -2.50 0.09	29.94 -2.64 5.71	38.36 -2.48 0.51	37.95 -2.07 1.30	41.33 -2.14 2.14	43.39 -2.14 0.09	40.59 -2.03 4.62	40.87 -2.06 6.13	39.91 -1.88 9.14	43.37 -1.76 8.06	43.70 -1.33 10.42	45.62 -1.62 15.13	55.62 -1.58 11.71	66.67 -1.89 6.97	73.36 -2.41 1.89	64.95 -1.87 0.00	54.05 -2.79 0.03	46.82 -3.15 0.00	41.44 -3.41 0.00
GE_PLASTICS___DRP 24183	40.24 0.71 0.00	36.59 0.86 0.00	33.57 0.82 0.00	32.77 0.80 0.00	32.86 0.80 0.00	34.59 0.84 0.00	39.06 0.77 0.00	42.30 0.95 0.00	41.98 0.66 0.00	46.21 0.59 0.00	46.26 0.64 0.00	47.86 0.61 0.00	49.21 0.15 0.00	50.99 0.05 0.00	53.40 0.21 0.00	55.67 0.22 0.00	62.63 0.25 0.00	69.32 0.41 0.00	75.76 0.23 0.00	77.89 0.23 0.00	67.09 0.27 0.00	56.14 0.34 1.06	47.72 0.25 2.50	45.74 0.90 0.00
GILBOA___1 23756	40.12 0.59 0.00	36.52 0.79 0.00	33.57 0.82 0.00	32.80 0.83 0.00	32.86 0.80 0.00	34.63 0.88 0.00	38.90 0.61 0.00	42.09 0.74 0.00	41.97 0.66 0.00	46.39 0.77 0.00	46.44 0.82 0.00	48.14 0.90 0.00	49.94 0.88 0.00	51.86 0.92 0.00	54.25 1.06 0.00	56.50 1.05 0.00	63.56 1.18 0.00	70.22 1.31 0.00	76.90 1.36 0.00	78.98 1.32 0.00	67.83 1.00 0.00	57.72 0.85 0.00	50.76 0.80 0.00	45.65 0.81 0.00
GILBOA___2 23757	40.12 0.59 0.00	36.52 0.79 0.00	33.57 0.82 0.00	32.80 0.83 0.00	32.86 0.80 0.00	34.63 0.88 0.00	38.90 0.61 0.00	42.09 0.74 0.00	41.97 0.66 0.00	46.39 0.77 0.00	46.44 0.82 0.00	48.14 0.90 0.00	49.94 0.88 0.00	51.86 0.92 0.00	54.25 1.06 0.00	56.50 1.05 0.00	63.56 1.18 0.00	70.22 1.31 0.00	76.90 1.36 0.00	78.98 1.32 0.00	67.83 1.00 0.00	57.72 0.85 0.00	50.76 0.80 0.00	45.65 0.81 0.00
GILBOA___3 23758	40.12 0.59 0.00	36.52 0.79 0.00	33.57 0.82 0.00	32.80 0.83 0.00	32.86 0.80 0.00	34.63 0.88 0.00	38.90 0.61 0.00	42.09 0.74 0.00	41.97 0.66 0.00	46.39 0.77 0.00	46.44 0.82 0.00	48.14 0.90 0.00	49.94 0.88 0.00	51.86 0.92 0.00	54.25 1.06 0.00	56.50 1.05 0.00	63.56 1.18 0.00	70.22 1.31 0.00	76.90 1.36 0.00	78.98 1.32 0.00	67.83 1.00 0.00	57.72 0.85 0.00	50.76 0.80 0.00	45.65 0.81 0.00

GILBOA___4 23759	40.12 0.59 0.00	36.52 0.79 0.00	33.57 0.82 0.00	32.80 0.83 0.00	32.86 0.80 0.00	34.63 0.88 0.00	38.90 0.61 0.00	42.09 0.74 0.00	41.97 0.66 0.00	46.39 0.77 0.00	46.44 0.82 0.00	48.14 0.90 0.00	49.94 0.88 0.00	51.86 0.92 0.00	54.25 1.06 0.00	56.50 1.05 0.00	63.56 1.18 0.00	70.22 1.31 0.00	76.90 1.36 0.00	78.98 1.32 0.00	67.83 1.00 0.00	57.72 0.85 0.00	50.76 0.80 0.00	45.65 0.81 0.00
GILBOA____ 23599	40.20 0.67 0.00	36.52 0.79 0.00	33.61 0.85 0.00	32.80 0.83 0.00	32.89 0.83 0.00	34.63 0.88 0.00	38.91 0.61 0.00	42.17 0.83 0.00	42.06 0.74 0.00	46.39 0.78 0.00	46.44 0.82 0.00	48.14 0.90 0.00	49.94 0.88 0.00	51.85 0.92 0.00	54.25 1.06 0.00	56.51 1.05 0.00	63.56 1.19 0.00	70.22 1.31 0.00	76.89 1.36 0.00	78.98 1.32 0.00	67.96 1.14 0.00	57.94 1.08 0.00	50.86 0.90 0.00	45.70 0.85 0.00
GINNA____ 23603	36.96 -2.57 0.00	32.18 -3.04 0.51	29.89 -2.75 0.11	29.16 -2.72 0.09	29.33 -2.73 0.00	30.83 -2.90 0.02	33.96 -3.33 1.00	38.20 -3.06 0.09	38.32 -2.77 0.22	42.14 -3.10 0.38	42.55 -3.06 0.02	43.36 -3.07 0.82	44.79 -3.19 1.08	46.07 -3.26 1.61	48.47 -3.30 1.42	50.57 -3.05 1.83	56.36 -3.68 2.34	63.45 -3.65 1.81	70.28 -3.93 1.32	73.10 -4.19 0.36	63.75 -3.07 0.00	53.90 -2.96 0.00	47.02 -2.95 0.00	41.98 -2.87 0.00
GLEN PARK____ 23778	41.78 2.25 0.00	37.63 1.89 0.00	34.36 1.60 0.00	33.50 1.53 0.00	33.57 1.51 0.00	35.40 1.65 0.00	40.47 2.18 0.00	43.62 2.27 0.00	43.59 2.27 0.00	48.26 2.64 0.00	47.68 2.05 0.00	49.18 1.94 0.00	51.37 2.31 0.00	52.67 1.73 0.00	55.15 1.97 0.00	57.12 1.66 0.00	63.75 1.37 0.00	70.98 2.07 0.00	78.56 3.02 0.00	82.00 4.35 0.00	70.63 3.81 0.00	60.50 3.64 0.00	52.76 2.80 0.00	47.36 2.51 0.00
GLENDALE_27_KV_LOAD 356172	41.23 1.70 0.00	37.45 1.72 0.00	34.23 1.47 0.00	33.47 1.50 0.00	33.50 1.44 0.00	35.17 1.42 0.00	39.90 1.61 0.00	43.62 2.27 0.00	43.75 2.44 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.74 3.50 0.00	52.59 3.53 0.00	54.81 3.87 -0.01	57.01 3.83 0.00	59.11 3.66 0.00	67.12 4.74 0.00	74.70 5.79 0.00	81.73 6.19 0.00	83.72 6.06 0.00	71.17 4.34 0.00	60.22 3.35 0.00	53.31 3.35 0.00	47.67 2.83 0.00
GLENWOOD_IC_1_G5 23712	41.23 1.70 0.00	37.38 1.64 0.00	34.16 1.41 0.00	33.34 1.37 0.00	33.37 1.31 0.00	35.27 1.52 0.00	39.86 1.57 0.00	43.58 2.23 0.00	43.34 2.02 0.00	47.62 2.01 0.00	48.18 2.55 0.00	49.98 2.74 0.00	51.96 2.89 0.00	54.14 3.21 0.00	56.59 3.40 0.00	58.78 3.33 0.00	66.18 3.81 0.00	73.60 4.69 0.00	80.67 5.14 0.00	82.63 4.97 0.00	70.23 3.41 0.00	60.10 3.24 0.00	53.21 3.25 0.00	47.67 2.83 0.00
GLENWOOD_IC_2_G1 23688	41.23 1.70 0.00	37.35 1.61 0.00	34.07 1.31 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.20 1.45 0.00	39.98 1.68 0.00	43.49 2.15 0.00	43.26 1.94 0.00	47.81 2.19 0.00	48.22 2.60 0.00	50.27 3.03 0.00	51.90 2.84 0.00	53.84 2.90 0.00	56.27 3.08 0.00	58.45 2.99 0.00	66.49 4.12 0.00	73.73 4.82 0.00	80.74 5.21 0.00	82.94 5.28 0.00	70.70 3.87 0.00	59.48 2.62 0.00	51.91 1.95 0.00	47.22 2.38 0.00
GLENWOOD_IC_3_G1 23689	41.23 1.70 0.00	37.35 1.61 0.00	34.07 1.31 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.20 1.45 0.00	39.98 1.68 0.00	43.49 2.15 0.00	43.26 1.94 0.00	47.81 2.19 0.00	48.22 2.60 0.00	50.27 3.03 0.00	51.90 2.84 0.00	53.84 2.90 0.00	56.27 3.08 0.00	58.45 2.99 0.00	66.49 4.12 0.00	73.73 4.82 0.00	80.74 5.21 0.00	82.94 5.28 0.00	70.70 3.87 0.00	59.48 2.62 0.00	51.91 1.95 0.00	47.22 2.38 0.00
GLENWOOD___4 23550	41.23 1.70 0.00	37.38 1.64 0.00	34.16 1.41 0.00	33.34 1.37 0.00	33.37 1.31 0.00	35.27 1.52 0.00	39.86 1.57 0.00	43.58 2.23 0.00	43.42 2.11 0.00	47.76 2.14 0.00	48.27 2.65 0.00	50.08 2.83 0.00	51.96 2.89 0.00	54.14 3.21 0.00	56.59 3.40 0.00	58.78 3.33 0.00	66.31 3.93 0.00	73.80 4.89 0.00	80.90 5.36 0.00	82.78 5.13 0.00	70.43 3.61 0.00	60.10 3.24 0.00	53.21 3.25 0.00	47.67 2.83 0.00
GLENWOOD___5 23614	41.23 1.70 0.00	37.38 1.64 0.00	34.16 1.41 0.00	33.34 1.37 0.00	33.37 1.31 0.00	35.27 1.52 0.00	39.86 1.57 0.00	43.58 2.23 0.00	43.42 2.11 0.00	47.76 2.14 0.00	48.27 2.65 0.00	50.08 2.83 0.00	51.96 2.89 0.00	54.14 3.21 0.00	56.59 3.40 0.00	58.78 3.33 0.00	66.31 3.93 0.00	73.80 4.89 0.00	80.90 5.36 0.00	82.78 5.13 0.00	70.43 3.61 0.00	60.10 3.24 0.00	53.21 3.25 0.00	47.67 2.83 0.00
GLOBAL GREEN_PORT_GT1 23814	41.94 2.41 0.00	37.74 2.00 0.00	34.33 1.57 0.00	33.47 1.50 0.00	33.50 1.44 0.00	35.61 1.86 0.00	40.40 2.10 0.00	44.24 2.89 0.00	43.63 2.31 0.00	47.44 1.83 0.00	47.99 2.37 0.00	50.17 2.93 0.00	51.32 2.26 0.00	53.27 2.34 0.01	56.11 2.92 0.00	58.11 2.66 0.01	66.06 3.68 0.00	73.12 4.20 0.00	82.50 4.46 -2.51	84.45 5.20 -1.59	72.98 4.14 -2.01	60.10 2.33 -0.90	50.61 0.65 0.00	47.22 2.38 0.00
GLOBE___DSASP 323697	36.25 -3.28 0.00	29.53 -3.93 2.28	28.68 -3.57 0.50	27.99 -3.55 0.43	28.26 -3.78 0.02	29.59 -4.08 0.08	29.46 -4.40 4.42	36.45 -4.51 0.39	36.35 -3.97 1.00	39.49 -4.47 1.66	41.12 -4.43 0.08	39.27 -4.39 3.58	39.80 -4.51 4.75	39.52 -4.33 7.08	42.63 -4.31 6.24	43.44 -3.94 8.08	45.91 -4.74 11.73	54.59 -5.17 9.15	63.38 -5.97 6.19	69.42 -6.68 1.56	62.35 -4.48 0.00	51.32 -5.52 0.02	45.12 -4.85 0.00	40.50 -4.35 0.00
GOETHSLN___LBMP 323567	40.71 1.19 0.00	36.99 1.25 0.00	33.80 1.05 0.00	33.06 1.09 0.00	33.09 1.03 0.00	34.86 1.11 0.00	39.52 1.23 0.00	43.25 1.90 0.00	43.34 2.02 0.00	48.03 2.42 0.00	48.27 2.65 0.00	50.17 2.93 0.00	51.91 2.85 0.00	54.10 3.16 0.00	56.37 3.19 0.00	58.33 2.99 0.12	65.95 3.87 0.30	73.39 4.82 0.34	78.76 5.21 1.98	82.47 5.13 0.32	70.36 3.54 0.01	59.58 2.73 0.01	52.71 2.75 0.00	47.04 2.20 0.00
GOLAH___69_KV_TB 1_2 80279	38.54 -0.99 0.00	33.44 -1.75 0.55	31.00 -1.64 0.12	30.27 -1.60 0.10	30.39 -1.67 0.00	31.94 -1.79 0.02	35.31 -1.91 1.06	39.52 -1.74 0.09	39.67 -1.40 0.24	43.71 -1.51 0.40	44.14 -1.46 0.02	45.10 -1.28 0.87	46.59 -1.32 1.15	48.01 -1.22 1.71	50.51 -1.17 1.50	52.73 -0.78 1.94	58.62 -0.94 2.82	65.90 -0.83 2.18	73.33 -0.68 1.53	76.44 -0.85 0.37	66.89 0.07 0.00	55.55 -1.31 0.00	48.76 -1.20 0.00	43.77 -1.08 0.00
GOODYEAR_LAKE_HYD 323669	40.63 1.11 0.00	36.81 1.07 0.00	33.74 0.98 0.00	32.93 0.96 0.00	32.99 0.93 0.00	34.80 1.05 0.00	39.37 1.07 -0.01	42.67 1.32 0.00	42.68 1.36 0.00	47.22 1.60 0.00	47.13 1.51 0.00	48.85 1.61 -0.01	50.84 1.77 -0.01	52.73 1.78 -0.01	55.21 2.02 -0.01	57.41 1.94 -0.01	64.45 2.06 -0.02	71.41 2.48 -0.02	78.45 2.87 -0.04	80.85 3.18 -0.01	69.43 2.61 0.00	59.11 2.16 -0.09	51.82 1.65 -0.21	46.19 1.35 0.00

GOUDEY___7 345031	39.41 -0.12 0.00	36.00 -0.14 -0.40	32.71 -0.13 -0.09	31.95 -0.10 -0.07	31.90 -0.16 0.00	33.63 -0.14 -0.01	38.93 -0.15 -0.79	41.37 -0.04 -0.07	41.96 0.12 -0.52	46.73 0.18 -0.93	46.55 0.18 -0.75	48.87 0.19 -1.44	51.14 0.29 -1.79	53.63 0.36 -2.33	55.91 0.48 -2.25	58.30 0.67 -2.18	65.63 0.69 -2.56	71.75 1.10 -1.74	78.35 1.13 -1.68	79.60 1.24 -0.70	67.76 0.94 0.00	57.26 0.40 0.00	49.86 -0.10 0.00	44.63 -0.45 -0.23
GOUDEY___8 23579	39.41 -0.12 0.00	36.00 -0.14 -0.40	32.71 -0.13 -0.09	31.95 -0.10 -0.07	31.90 -0.16 0.00	33.63 -0.14 -0.01	38.93 -0.15 -0.79	41.37 -0.04 -0.07	41.96 0.12 -0.52	46.73 0.18 -0.93	46.55 0.18 -0.75	48.87 0.19 -1.44	51.14 0.29 -1.79	53.63 0.36 -2.33	55.91 0.48 -2.25	58.30 0.67 -2.18	65.63 0.69 -2.56	71.75 1.10 -1.74	78.35 1.13 -1.68	79.60 1.24 -0.70	67.76 0.94 0.00	57.26 0.40 0.00	49.86 -0.10 0.00	44.63 -0.45 -0.23
GOUDEY___8 23580	39.41 -0.12 0.00	36.00 -0.14 -0.40	32.71 -0.13 -0.09	31.95 -0.10 -0.07	31.90 -0.16 0.00	33.63 -0.14 -0.01	38.93 -0.15 -0.79	41.37 -0.04 -0.07	41.96 0.12 -0.52	46.73 0.18 -0.93	46.55 0.18 -0.75	48.87 0.19 -1.44	51.14 0.29 -1.79	53.63 0.36 -2.33	55.91 0.48 -2.25	58.30 0.67 -2.18	65.63 0.69 -2.56	71.75 1.10 -1.74	78.35 1.13 -1.68	79.60 1.24 -0.70	67.76 0.94 0.00	57.26 0.40 0.00	49.86 -0.10 0.00	44.63 -0.45 -0.23
GOWANUS_GT1_1 24077	41.31 1.78 -0.01	37.52 1.79 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.86 1.57 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.79 3.54 0.00	52.65 3.58 -0.01	54.87 3.92 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.87 4.49 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.48 5.82 0.00	70.90 4.08 0.00	60.10 3.24 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GOWANUS_GT1_2 24078	41.31 1.78 -0.01	37.52 1.79 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.86 1.57 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.79 3.54 0.00	52.65 3.58 -0.01	54.87 3.92 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.87 4.49 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.48 5.82 0.00	70.90 4.08 0.00	60.10 3.24 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GOWANUS_GT1_3 24079	41.31 1.78 -0.01	37.52 1.79 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.86 1.57 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.79 3.54 0.00	52.65 3.58 -0.01	54.87 3.92 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.87 4.49 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.48 5.82 0.00	70.90 4.08 0.00	60.10 3.24 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GOWANUS_GT1_4 24080	41.31 1.78 -0.01	37.52 1.79 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.86 1.57 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.79 3.54 0.00	52.65 3.58 -0.01	54.87 3.92 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.87 4.49 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.48 5.82 0.00	70.90 4.08 0.00	60.10 3.24 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GOWANUS_GT1_5 24084	41.31 1.78 -0.01	37.52 1.79 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.86 1.57 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.79 3.54 0.00	52.65 3.58 -0.01	54.87 3.92 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.87 4.49 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.48 5.82 0.00	70.90 4.08 0.00	60.10 3.24 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GOWANUS_GT1_6 24111	41.31 1.78 -0.01	37.52 1.79 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.86 1.57 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.79 3.54 0.00	52.65 3.58 -0.01	54.87 3.92 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.87 4.49 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.48 5.82 0.00	70.90 4.08 0.00	60.10 3.24 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GOWANUS_GT1_7 24112	41.31 1.78 -0.01	37.52 1.79 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.86 1.57 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.79 3.54 0.00	52.65 3.58 -0.01	54.87 3.92 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.87 4.49 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.48 5.82 0.00	70.90 4.08 0.00	60.10 3.24 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GOWANUS_GT1_8 24113	41.31 1.78 -0.01	37.52 1.79 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.86 1.57 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.79 3.54 0.00	52.65 3.58 -0.01	54.87 3.92 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.87 4.49 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.48 5.82 0.00	70.90 4.08 0.00	60.10 3.24 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GOWANUS_GT2_1 24114	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.60 1.63 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.49 2.88 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.80 3.73 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	81.95 6.42 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
GOWANUS_GT2_2 24115	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.60 1.63 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.49 2.88 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.80 3.73 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	81.95 6.42 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
GOWANUS_GT2_3 24116	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.60 1.63 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.49 2.88 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.80 3.73 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	81.95 6.42 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
GOWANUS_GT2_4 24117	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.60 1.63 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.49 2.88 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.80 3.73 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	81.95 6.42 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01

GOWANUS_GT2_5 24118	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.60 1.63 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.49 2.88 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.80 3.73 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	81.95 6.42 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
GOWANUS_GT2_6 24119	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.60 1.63 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.49 2.88 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.80 3.73 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	81.95 6.42 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
GOWANUS_GT2_7 24120	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.60 1.63 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.49 2.88 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.80 3.73 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	81.95 6.42 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
GOWANUS_GT2_8 24121	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.60 1.63 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.49 2.88 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.80 3.73 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	81.95 6.42 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
GOWANUS_GT3_1 24122	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.85 3.78 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	82.03 6.50 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
GOWANUS_GT3_2 24123	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.85 3.78 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	82.03 6.50 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
GOWANUS_GT3_3 24124	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.85 3.78 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	82.03 6.50 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
GOWANUS_GT3_4 24125	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.85 3.78 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	82.03 6.50 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
GOWANUS_GT3_5 24126	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.85 3.78 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	82.03 6.50 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
GOWANUS_GT3_6 24127	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.85 3.78 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	82.03 6.50 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
GOWANUS_GT3_7 24128	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.85 3.78 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	82.03 6.50 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
GOWANUS_GT3_8 24129	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.85 3.78 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	82.03 6.50 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
GOWANUS_GT4_1 24130	41.28 1.74 -0.01	37.49 1.75 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.83 1.53 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.72 3.10 0.00	50.74 3.50 0.00	52.65 3.58 -0.01	54.81 3.87 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.81 4.43 0.00	74.42 5.51 0.00	81.43 5.89 0.00	83.48 5.82 0.00	70.83 4.01 0.00	60.05 3.18 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GOWANUS_GT4_2 24131	41.28 1.74 -0.01	37.49 1.75 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.83 1.53 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.72 3.10 0.00	50.74 3.50 0.00	52.65 3.58 -0.01	54.81 3.87 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.81 4.43 0.00	74.42 5.51 0.00	81.43 5.89 0.00	83.48 5.82 0.00	70.83 4.01 0.00	60.05 3.18 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GOWANUS_GT4_3 24132	41.28 1.74 -0.01	37.49 1.75 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.83 1.53 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.72 3.10 0.00	50.74 3.50 0.00	52.65 3.58 -0.01	54.81 3.87 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.81 4.43 0.00	74.42 5.51 0.00	81.43 5.89 0.00	83.48 5.82 0.00	70.83 4.01 0.00	60.05 3.18 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01

GOWANUS_GT4_4 24133	41.28 1.74 -0.01	37.49 1.75 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.83 1.53 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.72 3.10 0.00	50.74 3.50 0.00	52.65 3.58 -0.01	54.81 3.87 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.81 4.43 0.00	74.42 5.51 0.00	81.43 5.89 0.00	83.48 5.82 0.00	70.83 4.01 0.00	60.05 3.18 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GOWANUS_GT4_5 24134	41.28 1.74 -0.01	37.49 1.75 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.83 1.53 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.72 3.10 0.00	50.74 3.50 0.00	52.65 3.58 -0.01	54.81 3.87 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.81 4.43 0.00	74.42 5.51 0.00	81.43 5.89 0.00	83.48 5.82 0.00	70.83 4.01 0.00	60.05 3.18 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GOWANUS_GT4_6 24135	41.28 1.74 -0.01	37.49 1.75 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.83 1.53 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.72 3.10 0.00	50.74 3.50 0.00	52.65 3.58 -0.01	54.81 3.87 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.81 4.43 0.00	74.42 5.51 0.00	81.43 5.89 0.00	83.48 5.82 0.00	70.83 4.01 0.00	60.05 3.18 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GOWANUS_GT4_7 24136	41.28 1.74 -0.01	37.49 1.75 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.83 1.53 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.72 3.10 0.00	50.74 3.50 0.00	52.65 3.58 -0.01	54.81 3.87 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.81 4.43 0.00	74.42 5.51 0.00	81.43 5.89 0.00	83.48 5.82 0.00	70.83 4.01 0.00	60.05 3.18 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GOWANUS_GT4_8 24137	41.28 1.74 -0.01	37.49 1.75 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.83 1.53 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.72 3.10 0.00	50.74 3.50 0.00	52.65 3.58 -0.01	54.81 3.87 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.81 4.43 0.00	74.42 5.51 0.00	81.43 5.89 0.00	83.48 5.82 0.00	70.83 4.01 0.00	60.05 3.18 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GREENBSH_115KV_TB3 55895	40.24 0.71 0.00	36.67 0.93 0.00	33.64 0.88 0.00	32.83 0.86 0.00	32.93 0.87 0.00	34.66 0.91 0.00	39.17 0.88 0.00	42.42 1.07 0.00	41.98 0.66 0.00	46.16 0.55 0.00	46.21 0.59 0.00	47.81 0.57 0.00	49.45 0.39 0.00	51.34 0.41 0.00	53.72 0.53 0.00	56.01 0.55 0.00	63.06 0.69 0.00	69.81 0.90 0.00	76.37 0.83 0.00	78.43 0.78 0.00	67.56 0.74 0.00	55.74 0.74 1.86	46.17 0.60 4.40	45.79 0.94 0.00
GREENDGE_115KV_TB5 80291	40.20 0.67 0.00	41.12 0.36 -5.03	34.10 0.26 -1.08	33.18 0.29 -0.92	32.39 0.29 -0.04	34.29 0.37 -0.16	48.65 0.57 -9.79	42.93 0.74 -0.84	44.91 1.03 -2.56	51.04 1.09 -4.33	47.46 0.91 -0.93	56.78 0.76 -8.78	61.58 0.98 -11.54	68.86 1.12 -16.80	69.47 1.28 -15.01	75.72 1.61 -18.66	90.50 1.62 -26.50	91.57 2.48 -20.18	93.24 3.02 -14.69	85.28 3.42 -4.20	69.76 2.94 0.00	58.79 1.88 -0.05	50.71 0.75 0.00	45.17 0.09 -0.24
GREENIDGE___3 23582	40.20 0.67 0.00	41.12 0.36 -5.03	34.10 0.26 -1.08	33.18 0.29 -0.92	32.39 0.29 -0.04	34.29 0.37 -0.16	48.65 0.57 -9.79	42.93 0.74 -0.84	44.91 1.03 -2.56	51.04 1.09 -4.33	47.46 0.91 -0.93	56.78 0.76 -8.78	61.58 0.98 -11.54	68.86 1.12 -16.80	69.47 1.28 -15.01	75.72 1.61 -18.66	90.50 1.62 -26.50	91.57 2.48 -20.18	93.24 3.02 -14.69	85.28 3.42 -4.20	69.76 2.94 0.00	58.79 1.88 -0.05	50.71 0.75 0.00	45.17 0.09 -0.24
GREENIDGE___4 23583	40.20 0.67 0.00	41.16 0.39 -5.03	34.13 0.29 -1.08	33.18 0.29 -0.92	32.39 0.29 -0.04	34.29 0.37 -0.16	48.69 0.61 -9.79	43.05 0.87 -0.84	44.94 1.07 -2.56	51.04 1.09 -4.33	47.46 0.91 -0.93	56.78 0.75 -8.78	61.58 0.98 -11.54	68.81 1.07 -16.80	69.46 1.27 -15.01	75.72 1.61 -18.66	89.23 1.56 -25.30	90.71 2.55 -19.25	92.66 3.10 -14.02	85.36 3.50 -4.21	69.76 2.94 0.00	58.73 1.82 -0.05	50.96 1.00 0.00	45.27 0.18 -0.24
GREENLWN_69_KV_BK 3 55738	41.23 1.70 0.00	37.31 1.57 0.00	34.10 1.34 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.27 1.52 0.00	39.67 1.38 0.00	43.37 2.03 0.00	43.30 1.98 0.00	47.21 1.60 0.00	47.90 2.28 0.00	49.51 2.27 0.00	50.88 1.82 0.00	52.87 1.94 0.01	55.36 2.18 0.00	57.44 2.00 0.01	65.06 2.68 0.00	72.49 3.58 0.00	77.80 4.00 1.74	80.13 3.57 1.10	67.38 2.34 1.78	58.34 2.27 0.80	53.01 3.05 0.00	47.72 2.87 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.31 1.78 -0.01	37.52 1.79 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.86 1.57 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.79 3.54 0.00	52.65 3.58 -0.01	54.87 3.92 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.87 4.49 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.48 5.82 0.00	70.90 4.08 0.00	60.10 3.24 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01
GRISSOM___SOLAR 323813	41.58 2.05 0.00	37.74 2.00 0.00	34.56 1.80 0.00	33.66 1.69 0.00	33.79 1.73 0.00	35.67 1.92 0.00	40.28 1.99 0.00	43.29 1.94 0.00	42.88 1.57 0.00	47.12 1.50 0.00	46.85 1.23 0.00	48.52 1.28 0.00	50.39 1.33 0.00	52.52 1.58 0.00	55.04 1.86 0.00	57.67 2.22 0.00	64.62 2.24 0.00	71.87 2.96 0.00	79.54 4.00 0.00	82.47 4.82 0.00	71.10 4.28 0.00	60.68 3.47 -0.35	53.78 3.00 -0.82	47.54 2.69 0.00
GROVEVILLE___HYD 323602	41.15 1.62 0.00	37.38 1.64 0.00	34.16 1.41 0.00	33.38 1.41 0.00	33.37 1.31 0.00	35.20 1.45 0.00	39.83 1.53 0.00	43.37 2.03 0.00	43.46 2.15 0.00	47.99 2.37 0.00	48.18 2.55 0.00	50.08 2.83 0.00	51.91 2.85 0.00	54.04 3.11 0.00	56.48 3.30 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.20 5.67 0.00	83.40 5.75 0.00	70.90 4.08 0.00	60.16 3.30 0.00	52.91 2.95 0.00	47.27 2.42 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.61 0.08 0.00	35.59 -0.14 0.00	32.62 -0.13 0.00	31.84 -0.13 0.00	31.93 -0.13 0.00	33.58 -0.17 0.00	38.10 -0.19 0.00	41.10 -0.25 0.00	41.78 -0.08 -0.55	46.58 -0.05 -1.01	46.74 -0.05 -1.16	48.41 -0.09 -1.26	50.49 -0.05 -1.48	52.63 0.00 -1.69	55.04 0.05 -1.80	56.68 0.06 -1.17	63.13 0.00 -0.75	69.31 0.21 -0.19	76.58 0.30 -0.75	78.69 0.39 -0.65	67.36 0.53 0.00	56.97 0.11 0.00	49.96 0.00 0.00	45.03 -0.18 -0.36
HAMLTNNY_34_KV_TB 80303	39.49 -0.04 0.00	35.45 -0.29 0.00	32.46 -0.29 0.00	31.71 -0.26 0.00	31.77 -0.29 0.00	33.45 -0.30 0.00	37.95 -0.34 0.00	40.93 -0.41 0.00	41.76 -0.25 -0.69	46.66 -0.23 -1.27	46.86 -0.23 -1.47	48.55 -0.28 -1.59	50.69 -0.25 -1.87	52.92 -0.15 -2.14	55.35 -0.11 -2.27	56.94 0.00 -1.48	63.26 -0.06 -0.95	69.29 0.14 -0.24	76.70 0.23 -0.94	78.79 0.31 -0.82	67.36 0.53 0.00	56.92 0.06 0.00	49.81 -0.15 0.00	44.99 -0.31 -0.46

HAMPSHIRE___PAPER_HYD 323593	40.12 0.59 0.00	36.24 0.50 0.00	33.08 0.33 0.00	32.29 0.32 0.00	32.41 0.35 0.00	34.12 0.37 0.00	38.90 0.61 0.00	41.84 0.50 0.00	41.81 0.50 0.00	46.30 0.69 0.00	45.85 0.23 0.00	47.34 0.09 0.00	49.41 0.35 0.00	50.99 0.05 0.00	53.02 -0.16 0.00	54.95 -0.50 0.00	61.57 -0.81 0.00	68.15 -0.76 0.00	75.08 -0.45 0.00	77.81 0.16 0.00	66.96 0.13 0.00	57.37 0.51 0.00	50.32 0.35 0.00	45.29 0.45 0.00
HARDSCRABBLE_WT_PWR 323673	39.69 0.16 0.00	35.88 0.14 0.00	32.92 0.16 0.00	32.10 0.13 0.00	32.19 0.13 0.00	33.92 0.17 0.00	38.45 0.15 0.00	41.51 0.17 0.00	41.44 0.12 0.00	45.85 0.23 0.00	45.80 0.18 0.00	47.43 0.19 0.00	49.31 0.25 0.00	51.14 0.20 0.00	53.50 0.32 0.00	55.62 0.17 0.00	62.44 0.06 0.00	69.05 0.14 0.00	75.69 0.15 0.00	77.89 0.23 0.00	67.03 0.20 0.00	57.03 0.17 0.00	50.16 0.20 0.00	45.03 0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.95 1.42 0.00	37.17 1.43 0.00	34.00 1.24 0.00	33.18 1.21 0.00	33.21 1.15 0.00	35.03 1.28 0.00	39.63 1.34 0.00	43.16 1.82 0.00	43.26 1.94 0.00	47.81 2.19 0.00	47.99 2.37 0.00	49.89 2.65 0.00	51.66 2.60 0.00	53.79 2.85 0.00	56.21 3.03 0.00	58.45 2.99 0.00	66.31 3.93 0.00	73.87 4.96 0.00	80.90 5.36 0.00	83.09 5.44 0.00	70.63 3.81 0.00	59.82 2.96 0.00	52.61 2.65 0.00	47.00 2.15 0.00
HARSNRAD_115KV_TB1 81005	36.41 -3.12 0.00	30.12 -3.36 2.26	29.21 -3.05 0.50	28.57 -2.97 0.42	28.87 -3.17 0.02	30.16 -3.51 0.08	30.37 -3.52 4.40	37.49 -3.47 0.38	37.31 -3.02 0.99	40.64 -3.33 1.65	42.07 -3.47 0.08	40.46 -3.21 3.57	41.03 -3.29 4.74	40.79 -3.11 7.04	43.95 -3.03 6.21	44.82 -2.61 8.03	47.60 -3.12 11.65	56.55 -3.38 8.98	65.19 -4.00 6.34	71.41 -4.58 1.67	63.55 -3.27 0.00	52.40 -4.44 0.02	45.87 -4.10 0.00	40.99 -3.86 0.00
HARZA MOOSE___RIVER 24016	40.48 0.95 0.00	36.56 0.82 0.00	33.44 0.69 0.00	32.61 0.64 0.00	32.70 0.64 0.00	34.46 0.71 0.00	39.17 0.88 0.00	42.17 0.83 0.00	42.14 0.83 0.00	46.71 1.09 0.00	46.35 0.73 0.00	47.95 0.71 0.00	50.04 0.98 0.00	51.60 0.66 0.00	54.14 0.96 0.00	56.12 0.67 0.00	63.00 0.62 0.00	69.88 0.96 0.00	76.97 1.44 0.00	79.60 1.94 0.00	68.43 1.60 0.00	58.40 1.54 0.00	50.96 1.00 0.00	45.88 1.03 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.13 -0.40 0.00	35.20 -0.54 0.00	32.23 -0.52 0.00	31.49 -0.48 0.00	31.58 -0.48 0.00	33.21 -0.54 0.00	37.68 -0.61 0.00	40.64 -0.70 0.00	41.01 -0.54 -0.23	45.49 -0.55 -0.42	45.56 -0.55 -0.49	47.16 -0.61 -0.53	49.09 -0.59 -0.62	51.09 -0.56 -0.71	53.35 -0.59 -0.75	55.45 -0.50 -0.49	62.07 -0.62 -0.31	68.44 -0.55 -0.08	75.24 -0.60 -0.31	77.31 -0.62 -0.27	66.49 -0.33 0.00	56.24 -0.63 0.00	49.31 -0.65 0.00	44.28 -0.72 -0.15
HELLGATE_13_KV_LD 55870	41.23 1.70 0.00	37.45 1.72 0.00	34.23 1.47 0.00	33.54 1.57 0.00	33.50 1.44 0.00	35.17 1.42 0.00	39.86 1.57 0.00	43.58 2.23 0.00	43.75 2.44 0.00	48.54 2.92 0.00	48.72 3.10 0.00	50.69 3.45 0.00	52.59 3.53 0.00	54.76 3.82 -0.01	56.96 3.78 0.00	59.06 3.60 0.00	67.06 4.68 0.00	74.63 5.72 0.00	81.65 6.12 0.00	83.64 5.98 0.00	71.03 4.21 0.00	60.16 3.30 0.00	53.26 3.30 0.00	47.63 2.78 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.23 1.70 0.00	37.45 1.72 0.00	34.23 1.47 0.00	33.54 1.57 0.00	33.50 1.44 0.00	35.17 1.42 0.00	39.86 1.57 0.00	43.58 2.23 0.00	43.75 2.44 0.00	48.54 2.92 0.00	48.72 3.10 0.00	50.69 3.45 0.00	52.59 3.53 0.00	54.76 3.82 -0.01	56.96 3.78 0.00	59.06 3.60 0.00	67.06 4.68 0.00	74.63 5.72 0.00	81.65 6.12 0.00	83.64 5.98 0.00	71.03 4.21 0.00	60.16 3.30 0.00	53.26 3.30 0.00	47.63 2.78 0.00
HEMPSTEAD___ 23647	41.43 1.90 0.00	37.42 1.68 0.00	34.10 1.34 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.27 1.52 0.00	40.06 1.76 0.00	43.62 2.27 0.00	43.18 1.86 0.00	47.49 1.87 0.00	48.04 2.42 0.00	50.08 2.83 0.00	51.61 2.55 0.00	53.53 2.60 0.01	55.95 2.76 0.00	58.00 2.55 0.00	65.99 3.62 0.00	73.12 4.20 0.00	80.14 4.61 0.00	82.32 4.66 0.00	70.10 3.27 0.00	59.02 2.16 0.00	51.26 1.30 0.00	47.18 2.33 0.00
HICKLING___1 23621	39.57 0.04 0.00	37.77 -0.18 -2.21	33.00 -0.23 -0.47	32.18 -0.19 -0.40	31.85 -0.22 -0.02	33.69 -0.14 -0.07	42.56 -0.04 -4.30	41.88 0.17 -0.37	43.05 0.50 -1.24	48.33 0.59 -2.12	46.78 0.50 -0.66	51.75 0.38 -4.13	55.05 0.59 -5.40	59.40 0.71 -7.75	61.02 0.85 -6.99	65.02 1.11 -8.46	75.39 0.87 -12.14	79.60 1.52 -9.17	84.19 1.74 -6.91	81.29 1.86 -1.77	68.29 1.47 0.00	57.45 0.57 -0.02	49.51 -0.45 0.00	44.04 -0.99 -0.18
HICKLING___2 23622	39.57 0.04 0.00	37.77 -0.18 -2.21	33.00 -0.23 -0.47	32.18 -0.19 -0.40	31.85 -0.22 -0.02	33.69 -0.14 -0.07	42.56 -0.04 -4.30	41.88 0.17 -0.37	43.05 0.50 -1.24	48.33 0.59 -2.12	46.78 0.50 -0.66	51.75 0.38 -4.13	55.05 0.59 -5.40	59.40 0.71 -7.75	61.02 0.85 -6.99	65.02 1.11 -8.46	75.39 0.87 -12.14	79.60 1.52 -9.17	84.19 1.74 -6.91	81.29 1.86 -1.77	68.29 1.47 0.00	57.45 0.57 -0.02	49.51 -0.45 0.00	44.04 -0.99 -0.18
HIGH FALLS___HY 23754	41.07 1.54 0.00	37.24 1.50 0.00	34.03 1.28 0.00	33.25 1.28 0.00	33.25 1.19 0.00	35.07 1.32 0.00	39.67 1.38 0.00	43.25 1.90 0.00	43.38 2.07 0.00	47.94 2.33 0.00	48.08 2.46 0.00	50.03 2.79 0.00	51.96 2.89 0.00	54.15 3.21 0.00	56.64 3.46 0.00	58.84 3.38 0.00	66.87 4.49 0.00	74.63 5.72 0.00	81.80 6.27 0.00	84.10 6.45 0.00	71.37 4.54 0.00	60.28 3.58 0.16	52.73 3.15 0.38	47.22 2.38 0.00
HIGH_RIVER___SOLAR 323847	40.99 1.46 0.00	37.20 1.47 0.00	34.10 1.34 0.00	33.21 1.25 0.00	33.34 1.28 0.00	35.14 1.38 0.00	39.67 1.38 0.00	42.63 1.28 0.00	42.30 0.99 0.00	46.48 0.86 0.00	46.26 0.64 0.00	47.85 0.61 0.00	49.80 0.74 0.00	51.90 0.97 0.00	54.35 1.17 0.00	56.84 1.39 0.00	64.00 1.62 0.00	71.12 2.20 0.00	78.33 2.80 0.00	80.84 3.19 0.00	69.70 2.87 0.00	59.56 2.33 -0.37	52.92 2.10 -0.86	46.77 1.93 0.00
HILLBURN___GT 23639	40.79 1.26 0.00	37.06 1.32 0.00	33.87 1.11 0.00	33.12 1.15 0.00	33.15 1.09 0.00	34.90 1.15 0.00	39.71 1.42 0.00	43.12 1.78 0.00	42.97 1.65 0.00	47.62 2.00 0.00	47.90 2.28 0.00	49.89 2.64 0.00	51.66 2.60 0.00	53.53 2.60 0.00	55.95 2.76 0.00	58.11 2.66 0.00	66.12 3.74 0.00	73.39 4.48 0.00	80.37 4.84 0.00	82.63 4.97 0.00	70.43 3.61 0.00	59.19 2.33 0.00	51.96 2.00 0.00	46.77 1.93 0.00
HILLSIDE_115KV_TB1 80332	39.13 -0.40 0.00	37.19 -0.46 -1.92	32.71 -0.46 -0.41	31.90 -0.42 -0.35	31.59 -0.48 -0.02	33.41 -0.41 -0.06	41.65 -0.38 -3.74	41.41 -0.25 -0.32	42.45 0.00 -1.13	47.61 0.05 -1.94	46.31 0.00 -0.69	50.91 -0.05 -3.72	53.95 0.05 -4.84	58.04 0.20 -6.90	59.75 0.32 -6.25	63.47 0.55 -7.46	72.87 0.19 -10.30	77.34 0.69 -7.74	82.20 0.76 -5.91	79.90 0.78 -1.47	67.23 0.40 0.00	56.59 -0.28 -0.01	48.86 -1.10 0.00	43.43 -1.61 -0.20

HISHELDN_WT_PWR 323625	37.16 -2.37 0.00	26.65 -2.54 6.55	28.97 -2.36 1.43	28.45 -2.30 1.22	29.60 -2.40 0.06	31.11 -2.43 0.21	22.95 -2.61 12.73	37.89 -2.35 1.10	36.38 -2.06 2.87	38.52 -2.32 4.77	43.03 -2.37 0.21	34.46 -2.46 10.32	32.90 -2.45 13.71	28.10 -2.44 20.40	32.87 -2.34 17.98	30.09 -2.11 23.26	26.26 -2.87 33.25	40.90 -2.41 25.60	55.77 -2.57 17.20	70.08 -2.72 4.86	64.82 -2.00 0.00	54.29 -2.50 0.07	47.42 -2.55 0.00	41.75 -3.09 0.00
HOLTSVILLE_IC_1 23690	41.98 2.45 0.00	37.81 2.07 0.00	34.39 1.64 0.00	33.57 1.60 0.00	33.60 1.54 0.00	35.67 1.92 0.00	40.44 2.14 0.00	44.03 2.69 0.00	43.46 2.15 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.93 2.69 0.00	51.12 2.06 0.00	52.91 1.98 0.01	55.47 2.29 0.00	57.39 1.94 0.01	65.19 2.81 0.00	72.22 3.31 0.00	81.52 3.48 -2.51	83.20 3.96 -1.59	72.08 3.14 -2.11	59.58 1.76 -0.95	50.57 0.60 0.00	47.27 2.42 0.00
HOLTSVILLE_IC_10 23699	42.18 2.65 0.00	37.99 2.25 0.00	34.56 1.80 0.00	33.73 1.76 0.00	33.76 1.70 0.00	35.84 2.09 0.00	40.63 2.34 0.00	44.28 2.94 0.00	43.67 2.35 0.00	47.62 2.00 0.00	48.17 2.55 0.00	50.27 3.03 0.00	51.42 2.35 0.00	53.32 2.39 0.01	55.89 2.71 0.00	57.83 2.38 0.01	65.68 3.30 0.00	72.77 3.86 0.00	82.16 4.08 -2.55	83.93 4.66 -1.61	72.30 3.74 -1.74	59.86 2.22 -0.78	50.91 0.95 0.00	47.54 2.69 0.00
HOLTSVILLE_IC_2 23691	41.98 2.45 0.00	37.81 2.07 0.00	34.39 1.64 0.00	33.57 1.60 0.00	33.60 1.54 0.00	35.67 1.92 0.00	40.44 2.14 0.00	44.03 2.69 0.00	43.46 2.15 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.93 2.69 0.00	51.12 2.06 0.00	52.91 1.98 0.01	55.47 2.29 0.00	57.39 1.94 0.01	65.19 2.81 0.00	72.22 3.31 0.00	81.52 3.48 -2.51	83.20 3.96 -1.59	72.08 3.14 -2.11	59.58 1.76 -0.95	50.57 0.60 0.00	47.27 2.42 0.00
HOLTSVILLE_IC_3 23692	41.98 2.45 0.00	37.81 2.07 0.00	34.39 1.64 0.00	33.57 1.60 0.00	33.60 1.54 0.00	35.67 1.92 0.00	40.44 2.14 0.00	44.03 2.69 0.00	43.46 2.15 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.93 2.69 0.00	51.12 2.06 0.00	52.91 1.98 0.01	55.47 2.29 0.00	57.39 1.94 0.01	65.19 2.81 0.00	72.22 3.31 0.00	81.52 3.48 -2.51	83.20 3.96 -1.59	72.08 3.14 -2.11	59.58 1.76 -0.95	50.57 0.60 0.00	47.27 2.42 0.00
HOLTSVILLE_IC_4 23693	41.98 2.45 0.00	37.81 2.07 0.00	34.39 1.64 0.00	33.57 1.60 0.00	33.60 1.54 0.00	35.67 1.92 0.00	40.44 2.14 0.00	44.03 2.69 0.00	43.46 2.15 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.93 2.69 0.00	51.12 2.06 0.00	52.91 1.98 0.01	55.47 2.29 0.00	57.39 1.94 0.01	65.19 2.81 0.00	72.22 3.31 0.00	81.52 3.48 -2.51	83.20 3.96 -1.59	72.08 3.14 -2.11	59.58 1.76 -0.95	50.57 0.60 0.00	47.27 2.42 0.00
HOLTSVILLE_IC_5 23694	41.98 2.45 0.00	37.81 2.07 0.00	34.39 1.64 0.00	33.57 1.60 0.00	33.60 1.54 0.00	35.67 1.92 0.00	40.44 2.14 0.00	44.03 2.69 0.00	43.46 2.15 0.00	47.35 1.73 0.00	47.90 2.28 0.00	49.93 2.69 0.00	51.12 2.06 0.00	52.91 1.98 0.01	55.47 2.29 0.00	57.39 1.94 0.01	65.19 2.81 0.00	72.22 3.31 0.00	81.52 3.48 -2.51	83.20 3.96 -1.59	72.08 3.14 -2.11	59.58 1.76 -0.95	50.57 0.60 0.00	47.27 2.42 0.00
HOLTSVILLE_IC_6 23695	42.18 2.65 0.00	37.99 2.25 0.00	34.56 1.80 0.00	33.73 1.76 0.00	33.76 1.70 0.00	35.84 2.09 0.00	40.63 2.34 0.00	44.28 2.94 0.00	43.67 2.35 0.00	47.62 2.00 0.00	48.17 2.55 0.00	50.27 3.03 0.00	51.42 2.35 0.00	53.32 2.39 0.01	55.89 2.71 0.00	57.83 2.38 0.01	65.68 3.30 0.00	72.77 3.86 0.00	82.16 4.08 -2.55	83.93 4.66 -1.61	72.30 3.74 -1.74	59.86 2.22 -0.78	50.91 0.95 0.00	47.54 2.69 0.00
HOLTSVILLE_IC_7 23696	42.18 2.65 0.00	37.99 2.25 0.00	34.56 1.80 0.00	33.73 1.76 0.00	33.76 1.70 0.00	35.84 2.09 0.00	40.63 2.34 0.00	44.28 2.94 0.00	43.67 2.35 0.00	47.62 2.00 0.00	48.17 2.55 0.00	50.27 3.03 0.00	51.42 2.35 0.00	53.32 2.39 0.01	55.89 2.71 0.00	57.83 2.38 0.01	65.68 3.30 0.00	72.77 3.86 0.00	82.16 4.08 -2.55	83.93 4.66 -1.61	72.30 3.74 -1.74	59.86 2.22 -0.78	50.91 0.95 0.00	47.54 2.69 0.00
HOLTSVILLE_IC_8 23697	42.18 2.65 0.00	37.99 2.25 0.00	34.56 1.80 0.00	33.73 1.76 0.00	33.76 1.70 0.00	35.84 2.09 0.00	40.63 2.34 0.00	44.28 2.94 0.00	43.67 2.35 0.00	47.62 2.00 0.00	48.17 2.55 0.00	50.27 3.03 0.00	51.42 2.35 0.00	53.32 2.39 0.01	55.89 2.71 0.00	57.83 2.38 0.01	65.68 3.30 0.00	72.77 3.86 0.00	82.16 4.08 -2.55	83.93 4.66 -1.61	72.30 3.74 -1.74	59.86 2.22 -0.78	50.91 0.95 0.00	47.54 2.69 0.00
HOLTSVILLE_IC_9 23698	42.18 2.65 0.00	37.99 2.25 0.00	34.56 1.80 0.00	33.73 1.76 0.00	33.76 1.70 0.00	35.84 2.09 0.00	40.63 2.34 0.00	44.28 2.94 0.00	43.67 2.35 0.00	47.62 2.00 0.00	48.17 2.55 0.00	50.27 3.03 0.00	51.42 2.35 0.00	53.32 2.39 0.01	55.89 2.71 0.00	57.83 2.38 0.01	65.68 3.30 0.00	72.77 3.86 0.00	82.16 4.08 -2.55	83.93 4.66 -1.61	72.30 3.74 -1.74	59.86 2.22 -0.78	50.91 0.95 0.00	47.54 2.69 0.00
HOMER_HL_115KV_TB2 355744	37.16 -2.37 0.00	32.07 -1.25 2.41	31.07 -1.15 0.54	30.42 -1.09 0.46	30.69 -1.35 0.02	32.60 -1.08 0.07	32.50 -1.11 4.69	40.10 -0.83 0.41	39.75 -0.50 1.06	43.50 -0.36 1.76	45.28 -0.27 0.07	43.26 -0.19 3.79	43.98 -0.05 5.03	43.59 0.15 7.50	47.00 0.43 6.61	47.79 0.89 8.55	51.20 1.25 12.42	61.10 1.79 9.60	71.50 1.51 5.54	77.46 1.24 1.44	66.16 -0.67 0.00	56.21 -0.63 0.02	47.42 -2.55 0.00	40.99 -3.86 0.00
HOWARD_WT_PWR 323690	38.70 -0.83 0.00	44.92 -1.11 -10.29	33.83 -1.15 -2.22	32.71 -1.15 -1.89	30.93 -1.22 -0.09	33.01 -1.08 -0.34	57.41 -0.92 -20.04	42.40 -0.66 -1.71	45.70 -0.33 -4.72	53.02 -0.50 -7.90	45.69 -0.73 -0.80	63.02 -0.99 -16.78	70.44 -0.83 -22.21	82.85 -0.87 -32.78	81.40 -0.80 -29.01	91.98 -0.55 -37.08	114.13 -0.93 -52.68	109.23 -0.14 -40.45	104.71 0.38 -28.79	86.66 0.78 -8.23	67.69 0.87 0.00	56.74 -0.23 -0.10	49.07 -0.90 0.00	43.34 -1.66 -0.15
HQ_GEN_CEDARS 23644	39.61 0.08 0.00	35.95 0.21 0.00	32.85 0.10 0.00	32.06 0.10 0.00	32.22 0.16 0.00	33.89 0.14 0.00	38.68 0.38 0.00	41.59 0.25 0.00	41.60 0.29 0.00	45.98 0.36 0.00	45.80 0.18 0.00	47.34 0.09 0.00	49.31 0.25 0.00	51.09 0.15 0.00	52.97 -0.21 0.00	55.18 -0.28 0.00	61.88 -0.50 0.00	68.15 -0.76 0.00	74.86 -0.68 0.00	77.11 -0.54 0.00	66.29 -0.53 0.00	56.75 -0.11 0.00	50.06 0.10 0.00	44.98 0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	39.73 0.20 0.00	35.95 0.22 0.00	32.85 0.10 0.00	32.06 0.10 0.00	32.22 0.16 0.00	33.89 0.14 0.00	38.68 0.38 0.00	41.55 0.21 0.00	41.61 0.29 0.00	45.98 0.36 0.00	45.80 0.18 0.00	47.34 0.09 0.00	49.26 0.20 0.00	51.09 0.15 0.00	52.97 -0.21 0.00	55.18 -0.28 0.00	61.88 -0.50 0.00	68.15 -0.76 0.00	74.85 -0.68 0.00	77.12 -0.54 0.00	66.29 -0.54 0.00	57.29 -0.06 -0.48	49.53 0.05 0.48	44.98 0.13 0.00

HQ_GEN_CHPE_PROXY 323851	40.99 1.46 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.34 1.37 0.00	33.34 1.28 0.00	35.07 1.31 0.00	39.94 1.65 0.00	43.41 2.07 0.00	43.34 2.02 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.46 3.21 0.00	52.25 3.19 0.00	54.20 3.26 0.00	56.59 3.41 0.00	58.78 3.33 0.00	66.93 4.55 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.49 5.83 0.00	71.10 4.28 0.00	60.24 2.90 -0.48	52.03 2.55 0.48	47.27 2.42 0.00
HQ_GEN_IMPORT 323601	39.57 0.04 0.00	35.77 0.04 0.00	32.76 0.00 0.00	31.97 0.00 0.00	32.06 0.00 0.00	33.75 0.00 0.00	38.45 0.15 0.00	41.43 0.08 0.00	41.44 0.12 0.00	45.75 0.14 0.00	45.71 0.09 0.00	47.34 0.09 0.00	49.21 0.15 0.00	51.04 0.10 0.00	53.18 0.00 0.00	55.45 0.00 0.00	62.38 0.00 0.00	68.71 -0.21 0.00	75.31 -0.23 0.00	77.50 -0.16 0.00	66.62 -0.20 0.00	57.40 0.06 -0.48	49.58 0.10 0.48	44.94 0.09 0.00
HQ_GEN_WHEEL 23651	39.57 0.04 0.00	35.77 0.04 0.00	32.76 0.00 0.00	31.97 0.00 0.00	32.06 0.00 0.00	33.75 0.00 0.00	38.45 0.15 0.00	41.43 0.08 0.00	41.44 0.12 0.00	45.75 0.14 0.00	45.71 0.09 0.00	47.34 0.09 0.00	49.21 0.15 0.00	51.04 0.10 0.00	53.18 0.00 0.00	55.45 0.00 0.00	62.38 0.00 0.00	68.71 -0.21 0.00	75.31 -0.23 0.00	77.50 -0.16 0.00	66.62 -0.20 0.00	57.40 0.06 -0.48	49.58 0.10 0.48	44.94 0.09 0.00
HUDSON_AVE_GT_3 23810	40.99 1.46 0.00	37.24 1.50 0.00	34.03 1.28 0.00	33.25 1.28 0.00	33.28 1.22 0.00	35.07 1.32 0.00	39.75 1.46 0.00	43.49 2.15 0.00	43.59 2.27 0.00	48.31 2.69 0.00	48.54 2.92 0.00	50.45 3.21 0.00	52.25 3.19 0.00	54.45 3.51 0.00	56.75 3.56 0.00	58.89 3.44 0.00	66.81 4.43 0.00	74.36 5.44 0.00	81.43 5.89 0.00	83.48 5.82 0.00	70.97 4.14 0.00	60.05 3.18 0.00	53.06 3.10 0.00	47.36 2.51 0.00
HUDSON_AVE_GT_4 23540	40.99 1.46 0.00	37.24 1.50 0.00	34.03 1.28 0.00	33.25 1.28 0.00	33.28 1.22 0.00	35.07 1.32 0.00	39.75 1.46 0.00	43.49 2.15 0.00	43.59 2.27 0.00	48.31 2.69 0.00	48.54 2.92 0.00	50.45 3.21 0.00	52.25 3.19 0.00	54.45 3.51 0.00	56.75 3.56 0.00	58.89 3.44 0.00	66.81 4.43 0.00	74.36 5.44 0.00	81.43 5.89 0.00	83.48 5.82 0.00	70.97 4.14 0.00	60.05 3.18 0.00	53.06 3.10 0.00	47.36 2.51 0.00
HUDSON_AVE_GT_5 23657	40.99 1.46 0.00	37.24 1.50 0.00	34.03 1.28 0.00	33.25 1.28 0.00	33.28 1.22 0.00	35.07 1.32 0.00	39.75 1.46 0.00	43.49 2.15 0.00	43.59 2.27 0.00	48.31 2.69 0.00	48.54 2.92 0.00	50.45 3.21 0.00	52.25 3.19 0.00	54.45 3.51 0.00	56.75 3.56 0.00	58.89 3.44 0.00	66.81 4.43 0.00	74.36 5.44 0.00	81.43 5.89 0.00	83.48 5.82 0.00	70.97 4.14 0.00	60.05 3.18 0.00	53.06 3.10 0.00	47.36 2.51 0.00
HUDSON_AVE_10 24168	40.87 1.34 0.00	37.10 1.36 0.00	33.93 1.18 0.00	33.15 1.18 0.00	33.18 1.12 0.00	34.97 1.22 0.00	39.67 1.38 0.00	43.41 2.07 0.00	43.50 2.19 0.00	48.22 2.60 0.00	48.36 2.74 0.00	50.31 3.07 0.00	52.10 3.04 0.00	54.30 3.36 0.00	56.59 3.40 0.00	58.72 3.27 0.00	66.56 4.18 0.00	74.15 5.24 0.00	81.20 5.67 0.00	83.25 5.59 0.00	70.77 3.94 0.00	59.93 3.07 0.00	52.96 3.00 0.00	47.27 2.42 0.00
HUDSON___115KV_TB 4 355613	41.07 1.54 0.00	37.38 1.64 0.00	34.26 1.51 0.00	33.41 1.44 0.00	33.50 1.44 0.00	35.27 1.52 0.00	39.83 1.53 0.00	43.00 1.65 0.00	42.55 1.24 0.00	46.71 1.09 0.00	46.67 1.05 0.00	48.28 1.04 0.00	49.89 0.83 0.00	51.75 0.81 0.00	54.25 1.06 0.00	56.56 1.11 0.00	63.75 1.37 0.00	70.84 1.93 0.00	77.88 2.34 0.00	80.30 2.64 0.00	69.03 2.21 0.00	57.72 2.16 1.30	48.60 1.70 3.06	46.77 1.93 0.00
HUNTER MOUNT___DRP 323613	41.27 1.74 0.00	37.56 1.82 0.00	34.43 1.67 0.00	33.57 1.60 0.00	33.66 1.60 0.00	35.40 1.65 0.00	39.98 1.68 0.00	43.12 1.78 0.00	42.64 1.32 0.00	46.80 1.19 0.00	46.72 1.09 0.00	48.38 1.13 0.00	49.94 0.88 0.00	51.70 0.76 0.00	54.19 1.01 0.00	56.51 1.05 0.00	63.75 1.37 0.00	70.91 2.00 0.00	77.95 2.42 0.00	80.38 2.72 0.00	69.10 2.27 0.00	58.30 2.45 1.00	49.45 1.85 2.36	46.95 2.11 0.00
HUNTINGTON_RES_REC 323705	41.86 2.33 0.00	37.70 1.96 0.00	34.30 1.54 0.00	33.47 1.50 0.00	33.50 1.44 0.00	35.54 1.79 0.00	40.28 1.99 0.00	43.87 2.52 0.00	43.30 1.98 0.00	47.35 1.73 0.00	47.95 2.33 0.00	50.03 2.79 0.00	51.17 2.11 0.00	53.02 2.09 0.01	55.47 2.29 0.00	57.33 1.89 0.01	65.25 2.87 0.00	72.36 3.44 0.00	83.17 3.55 -4.08	84.04 3.80 -2.57	69.15 2.81 0.48	58.18 1.54 0.21	50.51 0.55 0.00	47.36 2.51 0.00
HUNTLEY___63 23557	36.80 -2.73 0.00	30.23 -3.07 2.44	29.40 -2.82 0.54	28.76 -2.75 0.46	29.09 -2.95 0.02	30.53 -3.14 0.08	30.31 -3.25 4.73	37.74 -3.18 0.42	37.56 -2.69 1.07	40.92 -2.92 1.77	42.62 -2.92 0.08	40.67 -2.74 3.83	41.13 -2.85 5.08	40.71 -2.65 7.58	43.95 -2.55 6.68	44.71 -2.11 8.64	46.96 -2.87 12.54	56.21 -2.96 9.74	65.64 -3.47 6.43	71.88 -4.12 1.67	64.02 -2.81 0.00	52.91 -3.92 0.02	46.37 -3.60 0.00	41.30 -3.54 0.00
HUNTLEY___64 23558	36.80 -2.73 0.00	30.23 -3.07 2.44	29.40 -2.82 0.54	28.76 -2.75 0.46	29.09 -2.95 0.02	30.53 -3.14 0.08	30.31 -3.25 4.73	37.74 -3.18 0.42	37.56 -2.69 1.07	40.92 -2.92 1.77	42.62 -2.92 0.08	40.67 -2.74 3.83	41.13 -2.85 5.08	40.71 -2.65 7.58	43.95 -2.55 6.68	44.71 -2.11 8.64	46.96 -2.87 12.54	56.21 -2.96 9.74	65.64 -3.47 6.43	71.88 -4.12 1.67	64.02 -2.81 0.00	52.91 -3.92 0.02	46.37 -3.60 0.00	41.30 -3.54 0.00
HUNTLEY___65 23559	36.80 -2.73 0.00	30.23 -3.07 2.44	29.40 -2.82 0.54	28.76 -2.75 0.46	29.09 -2.95 0.02	30.53 -3.14 0.08	30.31 -3.25 4.73	37.74 -3.18 0.42	37.56 -2.69 1.07	40.92 -2.92 1.77	42.62 -2.92 0.08	40.67 -2.74 3.83	41.13 -2.85 5.08	40.71 -2.65 7.58	43.95 -2.55 6.68	44.71 -2.11 8.64	46.96 -2.87 12.54	56.21 -2.96 9.74	65.64 -3.47 6.43	71.88 -4.12 1.67	64.02 -2.81 0.00	52.91 -3.92 0.02	46.37 -3.60 0.00	41.30 -3.54 0.00
HUNTLEY___66 23560	36.80 -2.73 0.00	30.23 -3.07 2.44	29.40 -2.82 0.54	28.76 -2.75 0.46	29.09 -2.95 0.02	30.53 -3.14 0.08	30.31 -3.25 4.73	37.74 -3.18 0.42	37.56 -2.69 1.07	40.92 -2.92 1.77	42.62 -2.92 0.08	40.67 -2.74 3.83	41.13 -2.85 5.08	40.71 -2.65 7.58	43.95 -2.55 6.68	44.71 -2.11 8.64	46.96 -2.87 12.54	56.21 -2.96 9.74	65.64 -3.47 6.43	71.88 -4.12 1.67	64.02 -2.81 0.00	52.91 -3.92 0.02	46.37 -3.60 0.00	41.30 -3.54 0.00
HUNTLEY___67 23561	36.64 -2.89 0.00	29.80 -3.25 2.68	29.16 -2.98 0.61	28.54 -2.91 0.52	29.05 -2.98 0.02	30.46 -3.21 0.09	29.69 -3.41 5.19	37.52 -3.35 0.47	37.19 -2.93 1.19	40.53 -3.15 1.94	42.43 -3.10 0.09	40.04 -3.02 4.18	40.43 -3.09 5.53	39.68 -2.95 8.31	42.99 -2.87 7.32	43.49 -2.50 9.47	45.70 -2.93 13.75	55.20 -3.03 10.68	65.65 -3.55 6.33	71.88 -4.12 1.67	63.95 -2.87 0.00	52.91 -3.92 0.03	46.17 -3.80 0.00	41.12 -3.72 0.00

HUNTLEY___68 23562	36.64 -2.89 0.00	29.80 -3.25 2.68	29.16 -2.98 0.61	28.54 -2.91 0.52	29.05 -2.98 0.02	30.46 -3.21 0.09	29.69 -3.41 5.19	37.52 -3.35 0.47	37.19 -2.93 1.19	40.53 -3.15 1.94	42.43 -3.10 0.09	40.04 -3.02 4.18	40.43 -3.09 5.53	39.68 -2.95 8.31	42.99 -2.87 7.32	43.49 -2.50 9.47	45.70 -2.93 13.75	55.20 -3.03 10.68	65.65 -3.55 6.33	71.88 -4.12 1.67	63.95 -2.87 0.00	52.91 -3.92 0.03	46.17 -3.80 0.00	41.12 -3.72 0.00
HYLAND___LFGE 323620	40.32 0.79 0.00	44.80 -0.04 -9.10	34.69 -0.03 -1.96	33.64 0.00 -1.68	32.07 -0.06 -0.08	34.08 0.03 -0.30	56.08 0.08 -17.71	43.03 0.17 -1.52	45.09 -0.21 -3.98	51.34 -0.91 -6.63	44.55 -1.37 -0.30	60.30 -1.32 -14.38	67.09 -1.08 -19.11	78.30 -1.02 -28.38	77.29 -0.90 -25.01	87.54 -0.28 -32.36	108.99 -0.37 -46.99	106.30 1.17 -36.22	103.77 2.72 -25.51	88.83 4.04 -7.13	71.17 4.34 0.00	60.02 3.07 -0.09	51.86 1.90 0.00	45.65 0.81 0.00
INDECK___CORINTH 23802	42.06 2.53 0.00	38.20 2.46 0.00	34.98 2.23 0.00	34.02 2.05 0.00	34.17 2.12 0.00	36.05 2.30 0.00	40.82 2.53 0.00	44.03 2.69 0.00	43.75 2.44 0.00	48.31 2.69 0.00	48.36 2.74 0.00	50.12 2.88 0.00	51.90 2.84 0.00	54.10 3.16 0.00	55.09 1.91 0.00	57.56 2.11 0.00	63.94 1.56 0.00	70.98 2.07 0.00	77.65 2.11 0.00	79.91 2.25 0.00	68.96 2.14 0.00	59.31 1.87 -0.58	54.62 3.30 -1.36	47.94 3.09 0.00
INDECK___ILION 23567	39.69 0.16 0.00	35.88 0.14 0.00	32.89 0.13 0.00	32.10 0.13 0.00	32.19 0.13 0.00	33.92 0.17 0.00	38.45 0.15 0.00	41.51 0.17 0.00	41.44 0.12 0.00	45.80 0.18 0.00	45.80 0.18 0.00	47.43 0.19 0.00	49.26 0.20 0.00	51.09 0.15 0.00	53.45 0.27 0.00	55.67 0.22 0.00	62.50 0.12 0.00	69.12 0.21 0.00	75.76 0.23 0.00	77.97 0.31 0.00	67.02 0.20 0.00	57.03 0.17 0.00	50.16 0.20 0.00	45.03 0.18 0.00
INDECK___OLEAN 23982	37.20 -2.33 0.00	32.21 -1.11 2.41	31.21 -1.02 0.53	30.46 -1.05 0.46	30.69 -1.35 0.02	32.64 -1.05 0.07	32.49 -1.11 4.69	40.35 -0.58 0.41	39.76 -0.49 1.06	43.49 -0.37 1.76	45.28 -0.27 0.07	43.31 -0.14 3.79	43.93 -0.10 5.03	43.49 0.05 7.50	46.99 0.42 6.61	47.78 0.88 8.55	52.22 0.99 11.15	62.15 1.86 8.62	72.24 1.59 4.89	77.54 1.32 1.43	66.16 -0.67 0.00	55.08 -1.76 0.02	47.91 -2.05 0.00	41.08 -3.77 0.00
INDECK___OSWEGO 23783	40.32 0.79 0.00	36.24 0.50 0.00	33.18 0.42 0.00	32.38 0.41 0.00	32.48 0.42 0.00	34.16 0.41 0.00	38.83 0.54 0.00	41.97 0.62 0.00	42.34 0.83 -0.20	46.90 0.91 -0.37	46.82 0.77 -0.43	48.42 0.71 -0.46	50.44 0.83 -0.55	52.37 0.81 -0.62	54.81 0.96 -0.66	56.99 1.11 -0.43	62.78 0.13 -0.28	69.33 0.35 -0.07	76.34 0.53 -0.28	78.75 0.86 -0.24	67.76 0.94 0.00	57.66 0.80 0.00	51.11 1.15 0.00	45.74 0.76 -0.13
INDECK___YERKES 23781	36.84 -2.69 0.00	30.12 -3.18 2.44	29.30 -2.92 0.54	28.79 -2.72 0.46	29.12 -2.92 0.02	30.60 -3.07 0.08	30.31 -3.26 4.73	37.87 -3.06 0.42	37.68 -2.56 1.07	40.97 -2.87 1.77	42.67 -2.87 0.08	40.67 -2.74 3.83	41.18 -2.79 5.08	40.71 -2.65 7.58	44.01 -2.50 6.68	44.82 -1.99 8.64	47.31 -3.31 11.76	56.75 -3.03 9.13	65.97 -3.55 6.01	71.89 -4.12 1.65	63.89 -2.94 0.00	53.60 -3.24 0.02	47.06 -2.90 0.00	41.53 -3.32 0.00
INDIAN POINT_GT_1 24139	40.79 1.26 0.00	37.02 1.29 0.00	33.87 1.11 0.00	33.09 1.12 0.00	33.12 1.06 0.00	34.93 1.18 0.00	39.52 1.23 0.00	43.12 1.78 0.00	43.17 1.86 0.00	47.72 2.10 0.00	47.95 2.33 0.00	49.79 2.55 0.00	51.56 2.50 0.00	53.69 2.75 0.00	56.06 2.87 0.00	58.28 2.83 0.00	66.06 3.68 0.00	73.53 4.62 0.00	80.44 4.91 0.00	82.63 4.97 0.00	70.30 3.47 0.00	59.59 2.73 0.00	52.51 2.55 0.00	46.95 2.11 0.00
INDIAN POINT_GT_2 23659	40.79 1.26 0.00	37.02 1.29 0.00	33.87 1.11 0.00	33.09 1.12 0.00	33.12 1.06 0.00	34.93 1.18 0.00	39.52 1.23 0.00	43.12 1.78 0.00	43.17 1.86 0.00	47.72 2.10 0.00	47.95 2.33 0.00	49.79 2.55 0.00	51.56 2.50 0.00	53.69 2.75 0.00	56.06 2.87 0.00	58.28 2.83 0.00	66.06 3.68 0.00	73.53 4.62 0.00	80.44 4.91 0.00	82.63 4.97 0.00	70.30 3.47 0.00	59.59 2.73 0.00	52.51 2.55 0.00	46.95 2.11 0.00
INDIAN POINT_GT_3 24019	40.79 1.26 0.00	37.02 1.29 0.00	33.87 1.11 0.00	33.09 1.12 0.00	33.12 1.06 0.00	34.93 1.18 0.00	39.52 1.23 0.00	43.12 1.78 0.00	43.17 1.86 0.00	47.72 2.10 0.00	47.95 2.33 0.00	49.79 2.55 0.00	51.56 2.50 0.00	53.69 2.75 0.00	56.06 2.87 0.00	58.28 2.83 0.00	66.06 3.68 0.00	73.53 4.62 0.00	80.44 4.91 0.00	82.63 4.97 0.00	70.30 3.47 0.00	59.59 2.73 0.00	52.51 2.55 0.00	46.95 2.11 0.00
INDIAN POINT___2 23530	40.79 1.26 0.00	37.06 1.32 0.00	33.83 1.08 0.00	33.12 1.15 0.00	33.15 1.09 0.00	34.90 1.15 0.00	39.67 1.38 0.00	43.12 1.78 0.00	42.97 1.65 0.00	47.62 2.00 0.00	47.90 2.28 0.00	49.89 2.64 0.00	51.66 2.60 0.00	53.53 2.60 0.00	55.95 2.76 0.00	58.11 2.66 0.00	66.12 3.74 0.00	73.39 4.48 0.00	80.30 4.76 0.00	82.55 4.90 0.00	70.36 3.54 0.00	59.19 2.33 0.00	51.96 2.00 0.00	46.82 1.97 0.00
INDIAN POINT___3 23531	40.71 1.19 0.00	36.99 1.25 0.00	33.84 1.08 0.00	33.06 1.09 0.00	33.09 1.03 0.00	34.90 1.15 0.00	39.48 1.19 0.00	43.04 1.70 0.00	43.09 1.78 0.00	47.67 2.05 0.00	47.86 2.24 0.00	49.70 2.46 0.00	51.46 2.40 0.00	53.59 2.65 0.00	55.90 2.71 0.00	58.17 2.72 0.00	65.93 3.56 0.00	73.32 4.41 0.00	80.29 4.76 0.00	82.40 4.74 0.00	70.10 3.27 0.00	59.42 2.56 0.00	52.36 2.40 0.00	46.82 1.97 0.00
INDIANHD_69_KV_BK1 55831	41.58 2.06 0.00	37.63 1.89 0.00	34.39 1.64 0.00	33.50 1.53 0.00	33.53 1.47 0.00	35.57 1.82 0.00	40.05 1.76 0.00	43.83 2.48 0.00	43.75 2.44 0.00	47.53 1.92 0.00	48.22 2.60 0.00	49.93 2.69 0.00	51.32 2.26 0.00	53.48 2.55 0.01	56.11 2.93 0.00	58.22 2.77 0.01	66.00 3.62 0.00	73.74 4.82 0.00	84.73 5.44 -3.76	85.08 5.05 -2.37	70.30 3.47 0.00	60.16 3.30 0.00	53.56 3.60 0.00	48.12 3.27 0.00
INGHAM_C_115KV_TB7 356103	39.69 0.16 0.00	35.88 0.14 0.00	32.89 0.13 0.00	32.10 0.13 0.00	32.19 0.13 0.00	33.92 0.17 0.00	38.45 0.15 0.00	41.51 0.17 0.00	41.44 0.12 0.00	45.80 0.18 0.00	45.76 0.14 0.00	47.43 0.19 0.00	49.26 0.20 0.00	51.09 0.15 0.00	53.45 0.27 0.00	55.62 0.17 0.00	62.38 0.00 0.00	68.98 0.07 0.00	75.61 0.08 0.00	77.89 0.23 0.00	66.96 0.13 0.00	57.03 0.17 0.00	50.16 0.20 0.00	45.03 0.18 0.00
IP CORINTH___1 23988	42.10 2.57 0.00	38.20 2.47 0.00	34.95 2.19 0.00	34.05 2.08 0.00	34.21 2.15 0.00	36.05 2.30 0.00	40.82 2.53 0.00	44.11 2.77 0.00	43.84 2.52 0.00	48.31 2.69 0.00	48.36 2.74 0.00	50.12 2.88 0.00	51.96 2.89 0.00	52.77 1.83 0.00	55.36 2.18 0.00	57.89 2.44 0.00	64.31 1.93 0.00	71.32 2.41 0.00	78.10 2.57 0.00	80.45 2.80 0.00	69.36 2.54 0.00	59.60 2.16 -0.58	53.38 2.05 -1.36	47.94 3.09 0.00

IP____TICONDEROGA 23804	43.96 4.43 0.00	39.92 4.18 0.00	36.46 3.70 0.00	35.45 3.48 0.00	35.65 3.59 0.00	37.63 3.88 0.00	42.62 4.33 0.00	45.85 4.51 0.00	45.36 4.05 0.00	50.00 4.38 0.00	50.05 4.43 0.00	51.92 4.68 0.00	53.72 4.66 0.00	54.91 3.97 0.00	57.70 4.52 0.00	60.39 4.94 0.00	67.06 4.68 0.00	74.70 5.79 0.00	82.11 6.57 0.00	85.11 7.46 0.00	73.57 6.75 0.00	63.15 5.69 -0.60	56.18 4.80 -1.42	50.27 5.43 0.00
ISLIP_RES_REC 323679	42.38 2.85 0.00	38.13 2.39 0.00	34.69 1.93 0.00	33.85 1.89 0.00	33.89 1.83 0.00	35.98 2.23 0.00	40.82 2.53 0.00	44.49 3.14 0.00	43.92 2.60 0.00	47.85 2.23 0.00	48.45 2.83 0.00	50.55 3.31 0.00	51.71 2.65 0.00	53.63 2.70 0.01	56.27 3.08 0.00	58.22 2.77 0.01	66.12 3.74 0.00	73.33 4.41 0.00	82.53 4.61 -2.39	84.37 5.20 -1.51	72.73 4.21 -1.70	60.18 2.56 -0.76	51.16 1.20 0.00	47.76 2.91 0.00
JAMAICA__27_KV_LOAD 355505	40.95 1.42 0.00	37.17 1.43 0.00	33.97 1.21 0.00	33.18 1.21 0.00	33.21 1.15 0.00	35.07 1.32 0.00	39.86 1.57 0.00	43.66 2.32 0.00	43.79 2.48 0.00	48.58 2.97 0.00	48.49 2.87 0.00	50.45 3.21 0.00	52.30 3.24 0.00	54.50 3.57 0.00	56.80 3.62 0.00	59.00 3.55 0.00	66.87 4.49 0.00	74.49 5.58 0.00	81.65 6.12 0.00	83.72 6.06 0.00	71.10 4.28 0.00	60.27 3.41 0.00	53.36 3.40 0.00	47.54 2.69 0.00
JANIS____SOLAR 323808	40.83 1.30 0.00	37.63 1.04 -0.85	33.82 0.88 -0.18	32.99 0.86 -0.16	32.90 0.83 -0.01	34.72 0.94 -0.03	41.15 1.19 -1.66	42.77 1.28 -0.14	43.32 1.24 -0.77	48.15 1.18 -1.35	47.40 0.91 -0.87	50.40 0.90 -2.26	52.96 1.03 -2.87	55.74 0.92 -3.89	58.00 1.17 -3.65	60.62 1.28 -3.89	68.32 1.44 -4.51	74.59 2.48 -3.20	81.59 3.32 -2.74	82.77 4.04 -1.08	70.36 3.54 0.00	59.60 2.73 -0.01	51.91 1.95 0.00	46.45 1.34 -0.26
JARVIS____ 23743	39.61 0.08 0.00	35.81 0.07 0.00	32.85 0.10 0.00	32.03 0.06 0.00	32.12 0.06 0.00	33.82 0.07 0.00	38.33 0.04 0.00	41.39 0.04 0.00	41.36 0.04 0.00	45.66 0.05 0.00	45.67 0.05 0.00	47.29 0.05 0.00	49.11 0.05 0.00	50.99 0.05 0.00	53.29 0.11 0.00	55.51 0.06 0.00	62.44 0.06 0.00	68.98 0.07 0.00	75.61 0.08 0.00	77.74 0.08 0.00	66.89 0.07 0.00	56.92 0.06 0.00	50.01 0.05 0.00	44.94 0.09 0.00
JENNISON___1 23625	40.79 1.26 0.00	37.34 1.14 -0.45	33.87 1.02 -0.10	33.04 0.99 -0.08	32.99 0.93 0.00	34.81 1.05 -0.01	40.44 1.26 -0.89	42.95 1.53 -0.08	43.42 1.61 -0.49	48.41 1.92 -0.88	48.00 1.73 -0.64	50.44 1.80 -1.40	52.83 2.01 -1.76	55.21 1.94 -2.33	57.69 2.29 -2.22	59.87 2.16 -2.25	67.45 2.31 -2.76	73.87 3.03 -1.92	80.82 3.55 -1.73	82.29 3.96 -0.67	70.10 3.27 0.00	59.48 2.62 0.00	51.76 1.80 0.00	46.39 1.35 -0.20
JENNISON___2 23626	40.79 1.26 0.00	37.34 1.14 -0.45	33.87 1.02 -0.10	33.04 0.99 -0.08	32.99 0.93 0.00	34.81 1.05 -0.01	40.44 1.26 -0.89	42.95 1.53 -0.08	43.42 1.61 -0.49	48.41 1.92 -0.88	48.00 1.73 -0.64	50.44 1.80 -1.40	52.83 2.01 -1.76	55.21 1.94 -2.33	57.69 2.29 -2.22	59.87 2.16 -2.25	67.45 2.31 -2.76	73.87 3.03 -1.92	80.82 3.55 -1.73	82.29 3.96 -0.67	70.10 3.27 0.00	59.48 2.62 0.00	51.76 1.80 0.00	46.39 1.35 -0.20
JERICHO_RISE_WT_PWR 323719	39.61 0.08 0.00	35.84 0.11 0.00	32.76 0.00 0.00	31.97 0.00 0.00	32.06 0.00 0.00	33.75 0.00 0.00	38.45 0.15 0.00	41.39 0.04 0.00	41.44 0.12 0.00	45.85 0.23 0.00	45.76 0.14 0.00	47.34 0.09 0.00	49.21 0.15 0.00	51.04 0.10 0.00	53.08 -0.11 0.00	55.34 -0.11 0.00	62.19 -0.19 0.00	68.50 -0.41 0.00	75.16 -0.38 0.00	77.35 -0.31 0.00	66.49 -0.33 0.00	56.80 -0.06 0.00	49.91 -0.05 0.00	44.71 -0.13 0.00
KATONAH__115KV_46KV_TB4 355592	40.99 1.46 0.00	37.24 1.50 0.00	34.03 1.28 0.00	33.25 1.28 0.00	33.31 1.25 0.00	35.10 1.35 0.00	39.71 1.42 0.00	43.33 1.98 0.00	43.42 2.11 0.00	48.03 2.42 0.00	48.31 2.69 0.00	50.22 2.98 0.00	52.00 2.94 0.00	54.15 3.21 0.00	56.53 3.35 0.00	58.78 3.33 0.00	66.68 4.30 0.00	74.15 5.24 0.00	81.05 5.51 0.00	83.25 5.59 0.00	70.77 3.94 0.00	60.10 3.24 0.00	52.91 2.95 0.00	47.27 2.42 0.00
KCE_NY_1 323755	41.54 2.01 0.00	37.70 1.96 0.00	34.59 1.83 0.00	33.66 1.69 0.00	33.79 1.73 0.00	35.64 1.89 0.00	40.28 1.99 0.00	43.49 2.15 0.00	43.26 1.94 0.00	47.72 2.10 0.00	47.72 2.10 0.00	49.42 2.17 0.00	51.27 2.21 0.00	53.33 2.39 0.00	55.52 2.34 0.00	58.01 2.55 0.00	65.00 2.62 0.00	72.02 3.10 0.00	78.85 3.32 0.00	81.16 3.50 0.00	69.97 3.14 0.00	60.17 2.67 -0.63	54.15 2.70 -1.49	47.40 2.55 0.00
KCE_NY_6_ESR 323823	37.04 -2.49 0.00	30.26 -2.54 2.94	29.78 -2.32 0.65	29.11 -2.30 0.56	29.60 -2.44 0.03	31.20 -2.46 0.09	29.94 -2.64 5.71	38.52 -2.31 0.51	38.03 -1.98 1.30	41.33 -2.14 2.14	43.39 -2.14 0.09	40.60 -2.03 4.62	40.88 -2.06 6.13	39.86 -1.94 9.14	43.37 -1.75 8.06	43.70 -1.33 10.42	46.07 -2.06 14.25	56.37 -1.52 11.03	67.13 -1.89 6.52	73.45 -2.33 1.88	64.88 -1.94 0.00	54.33 -2.50 0.03	47.47 -2.50 0.00	41.57 -3.27 0.00
KEDC_PORT_JEFF_GT2 24210	42.14 2.61 0.00	37.95 2.22 0.00	34.52 1.77 0.00	33.66 1.69 0.00	33.69 1.63 0.00	35.81 2.06 0.00	40.59 2.30 0.00	44.24 2.89 0.00	43.63 2.31 0.00	47.53 1.92 0.00	48.08 2.46 0.00	50.17 2.93 0.00	51.37 2.31 0.00	53.22 2.29 0.01	55.79 2.61 0.00	57.72 2.27 0.01	65.56 3.18 0.00	72.70 3.79 0.00	81.92 3.70 -2.69	83.63 4.27 -1.70	72.00 3.54 -1.64	59.70 2.11 -0.74	50.81 0.85 0.00	47.49 2.65 0.00
KEDC_PORT_JEFF_GT3 24211	42.14 2.61 0.00	37.95 2.22 0.00	34.52 1.77 0.00	33.66 1.69 0.00	33.69 1.63 0.00	35.81 2.06 0.00	40.59 2.30 0.00	44.24 2.89 0.00	43.63 2.31 0.00	47.53 1.92 0.00	48.08 2.46 0.00	50.17 2.93 0.00	51.37 2.31 0.00	53.22 2.29 0.01	55.79 2.61 0.00	57.72 2.27 0.01	65.56 3.18 0.00	72.70 3.79 0.00	81.92 3.70 -2.69	83.63 4.27 -1.70	72.00 3.54 -1.64	59.70 2.11 -0.74	50.81 0.85 0.00	47.49 2.65 0.00
KEDC_GLWD_GT4 24219	41.43 1.90 0.00	37.49 1.75 0.00	34.20 1.44 0.00	33.41 1.44 0.00	33.44 1.38 0.00	35.34 1.59 0.00	40.13 1.84 0.00	43.70 2.36 0.00	43.13 1.82 0.00	47.62 2.00 0.00	48.13 2.51 0.00	50.17 2.93 0.00	52.10 3.04 0.00	54.04 3.11 0.00	56.48 3.30 0.00	58.61 3.16 0.00	66.56 4.18 0.00	73.53 4.62 0.00	80.52 4.98 0.00	82.70 5.04 0.00	70.43 3.61 0.00	59.59 2.73 0.00	51.91 1.95 0.00	47.40 2.55 0.00
KEDC_GLWD_GT5 24220	41.43 1.90 0.00	37.49 1.75 0.00	34.20 1.44 0.00	33.41 1.44 0.00	33.44 1.38 0.00	35.34 1.59 0.00	40.13 1.84 0.00	43.70 2.36 0.00	43.13 1.82 0.00	47.62 2.00 0.00	48.13 2.51 0.00	50.17 2.93 0.00	52.10 3.04 0.00	54.04 3.11 0.00	56.48 3.30 0.00	58.61 3.16 0.00	66.56 4.18 0.00	73.53 4.62 0.00	80.52 4.98 0.00	82.70 5.04 0.00	70.43 3.61 0.00	59.59 2.73 0.00	51.91 1.95 0.00	47.40 2.55 0.00

KENSICO____ 23655	40.87 1.34 0.00	37.13 1.39 0.00	33.97 1.21 0.00	33.15 1.18 0.00	33.18 1.12 0.00	35.00 1.25 0.00	39.60 1.30 0.00	43.25 1.90 0.00	43.30 1.98 0.00	47.85 2.24 0.00	48.08 2.46 0.00	49.98 2.74 0.00	51.76 2.70 0.00	53.89 2.95 0.00	56.21 3.03 0.00	58.50 3.05 0.00	66.31 3.93 0.00	73.74 4.82 0.00	80.75 5.21 0.00	82.86 5.20 0.00	70.50 3.68 0.00	59.70 2.84 0.00	52.66 2.70 0.00	47.09 2.24 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.07 1.54 0.00	37.24 1.50 0.00	34.03 1.28 0.00	33.25 1.28 0.00	33.25 1.19 0.00	35.07 1.32 0.00	39.67 1.38 0.00	43.21 1.86 0.00	43.30 1.98 0.00	47.81 2.19 0.00	47.95 2.33 0.00	49.84 2.60 0.00	51.76 2.70 0.00	53.89 2.95 0.00	56.37 3.19 0.00	58.56 3.11 0.00	66.56 4.18 0.00	74.22 5.31 0.00	81.43 5.89 0.00	83.72 6.06 0.00	71.10 4.28 0.00	60.18 3.41 0.10	52.73 3.00 0.23	47.18 2.33 0.00
KIAC_JFK_GT1 23816	40.71 1.19 0.00	36.99 1.25 0.00	33.80 1.05 0.00	33.02 1.05 0.00	33.05 0.99 0.00	34.90 1.15 0.00	39.63 1.34 0.00	43.41 2.07 0.00	43.55 2.23 0.00	48.31 2.69 0.00	48.22 2.60 0.00	50.17 2.93 0.00	52.00 2.94 0.00	54.20 3.26 0.00	56.48 3.30 0.00	58.61 3.16 0.00	66.18 3.81 0.00	73.80 4.89 0.00	80.82 5.29 0.00	82.86 5.20 0.00	70.37 3.54 0.00	59.87 3.01 0.00	53.01 3.05 0.00	47.22 2.38 0.00
KIAC_JFK_GT2 23817	40.71 1.19 0.00	36.99 1.25 0.00	33.80 1.05 0.00	33.02 1.05 0.00	33.05 0.99 0.00	34.90 1.15 0.00	39.63 1.34 0.00	43.41 2.07 0.00	43.55 2.23 0.00	48.31 2.69 0.00	48.22 2.60 0.00	50.17 2.93 0.00	52.00 2.94 0.00	54.20 3.26 0.00	56.48 3.30 0.00	58.61 3.16 0.00	66.18 3.81 0.00	73.80 4.89 0.00	80.82 5.29 0.00	82.86 5.20 0.00	70.37 3.54 0.00	59.87 3.01 0.00	53.01 3.05 0.00	47.22 2.38 0.00
KIAC_JFK____ 323774	40.79 1.26 0.00	37.06 1.32 0.00	33.83 1.08 0.00	33.12 1.15 0.00	33.18 1.12 0.00	34.93 1.18 0.00	39.90 1.61 0.00	43.49 2.15 0.00	43.42 2.11 0.00	48.31 2.69 0.00	48.27 2.64 0.00	50.36 3.12 0.00	52.15 3.09 0.00	54.10 3.16 0.00	56.54 3.35 0.00	58.67 3.22 0.00	66.56 4.18 0.00	73.94 5.03 0.00	81.05 5.51 0.00	83.17 5.51 0.00	70.83 4.01 0.00	59.76 2.90 0.00	52.61 2.65 0.00	47.22 2.38 0.00
KINTIGH_24_KV_GSU 356498	36.92 -2.61 0.00	30.85 -3.32 1.56	29.38 -3.05 0.33	28.71 -2.97 0.28	29.07 -2.98 0.01	30.46 -3.24 0.05	31.64 -3.60 3.05	37.74 -3.35 0.26	37.58 -3.06 0.68	41.05 -3.42 1.14	42.15 -3.42 0.05	41.41 -3.35 2.48	42.33 -3.44 3.30	42.63 -3.41 4.89	45.58 -3.30 4.31	46.93 -2.94 5.58	51.15 -3.74 7.48	59.55 -3.59 5.77	67.20 -4.08 4.25	71.97 -4.51 1.18	64.08 -2.74 0.00	53.89 -2.96 0.01	47.12 -2.85 0.00	42.02 -2.82 0.00
KINTIGH____ 23543	36.96 -2.57 0.00	30.81 -3.36 1.56	29.38 -3.05 0.33	28.71 -2.97 0.28	29.06 -2.98 0.01	30.43 -3.27 0.05	31.68 -3.56 3.05	37.57 -3.51 0.26	37.49 -3.14 0.68	41.05 -3.42 1.14	42.15 -3.42 0.05	41.41 -3.35 2.48	42.33 -3.43 3.30	42.68 -3.36 4.89	45.58 -3.30 4.31	46.88 -2.99 5.58	50.84 -3.43 8.10	59.08 -3.58 6.25	66.95 -4.00 4.58	71.99 -4.50 1.17	64.15 -2.67 0.00	52.87 -3.98 0.01	46.57 -3.40 0.00	41.89 -2.96 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.12 0.59 0.00	36.49 0.75 0.00	33.25 0.49 0.00	32.45 0.48 0.00	32.64 0.58 0.00	34.36 0.61 0.00	39.29 1.00 0.00	42.09 0.74 0.00	42.14 0.83 0.00	46.57 0.96 0.00	46.40 0.78 0.00	47.95 0.71 0.00	49.94 0.88 0.00	51.80 0.87 0.00	53.87 0.69 0.00	56.23 0.78 0.00	63.25 0.87 0.00	69.81 0.90 0.00	76.82 1.28 0.00	79.21 1.55 0.00	67.96 1.14 0.00	58.06 1.19 0.00	50.91 0.95 0.00	45.56 0.72 0.00
LACHUTE____HYDRO 323717	43.92 4.39 0.00	39.92 4.18 0.00	36.52 3.77 0.00	35.42 3.45 0.00	35.62 3.56 0.00	37.63 3.88 0.00	42.58 4.29 0.00	45.81 4.47 0.00	45.32 4.01 0.00	50.00 4.38 0.00	50.04 4.42 0.00	51.92 4.68 0.00	53.72 4.66 0.00	56.08 5.14 0.00	57.70 4.52 0.00	60.39 4.93 0.00	67.06 4.68 0.00	74.70 5.79 0.00	82.10 6.57 0.00	85.04 7.38 0.00	73.57 6.75 0.00	63.15 5.69 -0.60	57.32 5.94 -1.42	50.27 5.42 0.00
LAWRNCV_115KV_TB1 80681	39.45 -0.08 0.00	35.88 0.14 0.00	32.76 0.00 0.00	31.97 0.00 0.00	32.12 0.06 0.00	33.78 0.03 0.00	38.56 0.27 0.00	41.51 0.17 0.00	41.48 0.17 0.00	45.85 0.23 0.00	45.53 -0.09 0.00	47.05 -0.19 0.00	49.06 0.00 0.00	50.73 -0.20 0.00	52.44 -0.74 0.00	54.40 -1.05 0.00	60.94 -1.43 0.00	67.19 -1.72 0.00	73.87 -1.66 0.00	76.18 -1.48 0.00	65.55 -1.27 0.00	56.18 -0.68 0.00	49.61 -0.35 0.00	44.71 -0.13 0.00
LEDERLE____ 23769	40.87 1.34 0.00	37.13 1.39 0.00	33.93 1.18 0.00	33.15 1.18 0.00	33.18 1.12 0.00	35.00 1.25 0.00	39.60 1.30 0.00	43.16 1.82 0.00	43.26 1.94 0.00	47.81 2.19 0.00	48.04 2.42 0.00	49.89 2.65 0.00	51.66 2.60 0.00	53.74 2.80 0.00	56.11 2.93 0.00	58.34 2.88 0.00	66.18 3.81 0.00	73.60 4.69 0.00	80.60 5.06 0.00	82.78 5.13 0.00	70.43 3.61 0.00	59.59 2.73 0.00	52.46 2.50 0.00	46.91 2.06 0.00
LIGHTHSE_115KV_TB6 355974	40.28 0.75 0.00	36.24 0.50 0.00	33.18 0.43 0.00	32.38 0.42 0.00	32.44 0.38 0.00	34.19 0.44 0.00	38.87 0.57 0.00	41.88 0.54 0.00	42.02 0.70 0.00	46.48 0.87 0.00	46.26 0.64 0.00	47.76 0.52 0.00	49.75 0.69 0.00	51.50 0.56 0.00	53.82 0.64 0.00	55.79 0.33 0.00	62.63 0.25 0.00	69.53 0.62 0.00	76.52 0.98 0.00	79.13 1.48 0.00	68.29 1.47 0.00	58.00 1.14 0.00	50.91 0.95 0.00	45.56 0.72 0.00
LINDEN COGEN____ 23786	40.79 1.26 0.00	37.06 1.32 0.00	33.83 1.08 0.00	33.15 1.18 0.00	33.18 1.12 0.00	34.86 1.11 0.00	39.75 1.45 0.00	43.29 1.94 0.00	43.18 1.86 0.00	47.99 2.37 0.00	48.22 2.60 0.00	50.31 3.07 0.00	52.10 3.04 0.00	54.04 3.11 0.00	56.43 3.24 0.00	58.43 3.10 0.12	66.44 4.36 0.30	73.74 5.17 0.34	79.14 5.59 1.98	82.94 5.59 0.32	70.89 4.08 0.01	59.53 2.67 0.01	52.31 2.35 0.00	47.09 2.24 0.00
LINDHRST_69_KV_BK1 356055	41.94 2.41 0.00	37.92 2.18 0.00	34.66 1.90 0.00	33.76 1.79 0.00	33.79 1.73 0.00	35.84 2.09 0.00	40.40 2.11 0.00	44.24 2.89 0.00	44.25 2.93 0.00	48.22 2.60 0.00	48.91 3.28 0.00	50.64 3.40 0.00	52.10 3.04 0.00	54.34 3.41 0.01	56.91 3.72 0.00	59.05 3.60 0.01	66.93 4.55 0.00	74.63 5.72 0.00	82.34 6.42 -0.38	84.03 6.13 -0.24	71.65 4.41 -0.42	61.09 4.04 -0.19	54.16 4.20 0.00	48.57 3.72 0.00
LIPA_MISC_IPP 23656	41.50 1.98 0.00	37.67 1.93 0.00	34.46 1.70 0.00	33.54 1.57 0.00	33.57 1.51 0.00	35.64 1.89 0.00	40.09 1.80 0.00	43.91 2.56 0.00	43.75 2.44 0.00	47.30 1.69 0.00	47.81 2.19 0.00	49.51 2.27 0.00	50.92 1.86 0.00	53.22 2.29 0.01	55.84 2.66 0.00	58.00 2.55 0.01	65.75 3.37 0.00	73.67 4.75 0.00	83.48 5.44 -2.51	84.37 5.13 -1.59	72.47 3.61 -2.04	61.25 3.47 -0.92	53.36 3.40 0.00	47.85 3.00 0.00

LISF___SOLAR 323691	42.14 2.61 0.00	37.95 2.22 0.00	34.52 1.77 0.00	33.69 1.73 0.00	33.73 1.67 0.00	35.81 2.06 0.00	40.59 2.30 0.00	44.24 2.89 0.00	43.54 2.23 0.00	47.35 1.73 0.00	47.77 2.14 0.00	49.84 2.60 0.00	51.02 1.96 0.00	52.86 1.94 0.01	55.58 2.40 0.00	57.50 2.05 0.01	65.31 2.93 0.00	72.49 3.58 0.00	81.83 3.78 -2.52	83.75 4.50 -1.59	72.47 3.67 -1.97	59.79 2.04 -0.89	50.66 0.70 0.00	47.36 2.51 0.00
LITTLE FALLS___HYD 24013	39.69 0.16 0.00	35.88 0.14 0.00	32.89 0.13 0.00	32.10 0.13 0.00	32.19 0.13 0.00	33.92 0.17 0.00	38.45 0.15 0.00	41.51 0.17 0.00	41.44 0.12 0.00	45.80 0.18 0.00	45.76 0.14 0.00	47.43 0.19 0.00	49.26 0.20 0.00	51.09 0.15 0.00	53.45 0.27 0.00	55.62 0.17 0.00	62.38 0.00 0.00	68.98 0.07 0.00	75.61 0.08 0.00	77.89 0.23 0.00	66.96 0.13 0.00	57.03 0.17 0.00	50.16 0.20 0.00	45.03 0.18 0.00
LITTLRIV_115KV_TB1 356100	39.88 0.36 0.00	36.27 0.54 0.00	33.08 0.33 0.00	32.32 0.35 0.00	32.44 0.38 0.00	34.16 0.41 0.00	39.02 0.73 0.00	42.13 0.79 0.00	41.93 0.62 0.00	46.21 0.59 0.00	45.80 0.18 0.00	47.24 0.00 0.00	49.26 0.20 0.00	50.94 0.00 0.00	52.55 -0.64 0.00	54.40 -1.05 0.00	61.13 -1.25 0.00	67.53 -1.38 0.00	74.40 -1.13 0.00	77.04 -0.62 0.00	66.22 -0.60 0.00	56.86 0.00 0.00	50.16 0.20 0.00	45.21 0.36 0.00
LI_NEWBRDGE___DRP 323616	41.03 1.50 0.00	37.17 1.43 0.00	33.97 1.21 0.00	33.09 1.12 0.00	33.12 1.06 0.00	35.10 1.35 0.00	39.56 1.26 0.00	43.29 1.94 0.00	43.26 1.94 0.00	47.21 1.60 0.00	47.86 2.24 0.00	49.56 2.31 0.00	51.07 2.01 0.00	53.17 2.24 0.01	55.58 2.39 0.00	57.72 2.27 0.01	65.37 2.99 0.00	72.84 3.93 0.00	79.92 4.38 0.00	81.70 4.04 0.00	69.50 2.67 0.00	59.36 2.50 0.00	52.86 2.90 0.00	47.49 2.65 0.00
LOCKPORT_115KV_TB60_63_64 80432	36.37 -3.16 0.00	30.33 -3.29 2.12	29.27 -3.01 0.47	28.66 -2.91 0.40	28.87 -3.17 0.02	30.16 -3.51 0.08	30.68 -3.48 4.13	37.55 -3.43 0.36	37.45 -2.93 0.93	40.78 -3.28 1.55	42.12 -3.42 0.08	40.77 -3.12 3.35	41.37 -3.24 4.45	41.33 -3.01 6.61	44.44 -2.93 5.82	45.43 -2.50 7.53	48.39 -3.06 10.93	57.20 -3.24 8.47	65.53 -3.93 6.07	71.59 -4.50 1.56	63.48 -3.34 0.00	52.41 -4.44 0.02	45.87 -4.10 0.00	40.94 -3.90 0.00
LOCKPORT___CC1 323769	36.40 -3.12 0.00	30.01 -3.47 2.26	29.08 -3.18 0.49	28.57 -2.97 0.42	28.87 -3.17 0.02	30.23 -3.44 0.08	30.34 -3.56 4.40	37.45 -3.51 0.38	37.39 -2.93 0.99	40.64 -3.33 1.65	42.12 -3.42 0.08	40.46 -3.21 3.57	41.03 -3.29 4.74	40.74 -3.16 7.04	43.95 -3.03 6.21	44.82 -2.61 8.03	47.88 -3.55 10.95	57.10 -3.38 8.44	65.55 -4.01 5.98	71.42 -4.58 1.65	63.42 -3.41 0.00	53.20 -3.64 0.02	46.52 -3.45 0.00	41.12 -3.72 0.00
LOCKPORT___CC2 323770	36.40 -3.12 0.00	30.01 -3.47 2.26	29.08 -3.18 0.49	28.57 -2.97 0.42	28.87 -3.17 0.02	30.23 -3.44 0.08	30.34 -3.56 4.40	37.45 -3.51 0.38	37.39 -2.93 0.99	40.64 -3.33 1.65	42.12 -3.42 0.08	40.46 -3.21 3.57	41.03 -3.29 4.74	40.74 -3.16 7.04	43.95 -3.03 6.21	44.82 -2.61 8.03	47.88 -3.55 10.95	57.10 -3.38 8.44	65.55 -4.01 5.98	71.42 -4.58 1.65	63.42 -3.41 0.00	53.20 -3.64 0.02	46.52 -3.45 0.00	41.12 -3.72 0.00
LOCKPORT___CC3 323771	36.40 -3.12 0.00	30.01 -3.47 2.26	29.08 -3.18 0.49	28.57 -2.97 0.42	28.87 -3.17 0.02	30.23 -3.44 0.08	30.34 -3.56 4.40	37.45 -3.51 0.38	37.39 -2.93 0.99	40.64 -3.33 1.65	42.12 -3.42 0.08	40.46 -3.21 3.57	41.03 -3.29 4.74	40.74 -3.16 7.04	43.95 -3.03 6.21	44.82 -2.61 8.03	47.88 -3.55 10.95	57.10 -3.38 8.44	65.55 -4.01 5.98	71.42 -4.58 1.65	63.42 -3.41 0.00	53.20 -3.64 0.02	46.52 -3.45 0.00	41.12 -3.72 0.00
LOCUSVLY_69_KV_BK2 55797	41.43 1.90 0.00	37.49 1.75 0.00	34.26 1.51 0.00	33.41 1.44 0.00	33.44 1.38 0.00	35.40 1.65 0.00	39.94 1.65 0.00	43.70 2.36 0.00	43.63 2.31 0.00	47.81 2.19 0.00	48.45 2.83 0.00	50.22 2.98 0.00	51.91 2.85 0.00	54.04 3.11 0.00	56.53 3.35 0.00	58.72 3.27 0.00	66.37 3.99 0.00	73.87 4.96 0.00	80.66 5.44 0.31	82.66 5.20 0.20	69.99 3.61 0.45	59.96 3.30 0.20	53.41 3.45 0.00	47.90 3.05 0.00
LONG_LAKE_PHOENIX 24014	39.96 0.43 0.00	35.88 0.14 0.00	32.85 0.10 0.00	32.10 0.13 0.00	32.19 0.13 0.00	33.85 0.10 0.00	38.45 0.15 0.00	41.47 0.12 0.00	41.80 0.33 -0.15	46.35 0.46 -0.28	46.31 0.36 -0.32	47.87 0.28 -0.35	49.86 0.39 -0.41	51.81 0.41 -0.47	54.21 0.53 -0.50	56.05 0.28 -0.32	62.77 0.19 -0.21	69.45 0.48 -0.05	76.34 0.60 -0.21	78.69 0.85 -0.18	67.76 0.94 0.00	57.43 0.57 0.00	50.51 0.55 0.00	45.26 0.31 -0.10
LOVETT___3 23632	40.67 1.15 0.00	36.95 1.22 0.00	33.80 1.05 0.00	32.99 1.02 0.00	33.05 0.99 0.00	34.83 1.08 0.00	39.40 1.11 0.00	43.00 1.65 0.00	43.01 1.69 0.00	47.53 1.92 0.00	47.76 2.14 0.00	49.56 2.31 0.00	51.32 2.26 0.00	53.43 2.50 0.00	55.74 2.55 0.00	57.95 2.50 0.00	65.75 3.37 0.00	73.11 4.20 0.00	80.07 4.53 0.00	82.16 4.50 0.00	69.90 3.07 0.00	59.19 2.33 0.00	52.21 2.25 0.00	46.68 1.84 0.00
LOVETT___4 23642	40.67 1.15 0.00	36.95 1.22 0.00	33.80 1.05 0.00	32.99 1.02 0.00	33.05 0.99 0.00	34.83 1.08 0.00	39.40 1.11 0.00	43.00 1.65 0.00	43.01 1.69 0.00	47.53 1.92 0.00	47.76 2.14 0.00	49.56 2.31 0.00	51.32 2.26 0.00	53.43 2.50 0.00	55.74 2.55 0.00	57.95 2.50 0.00	65.75 3.37 0.00	73.11 4.20 0.00	80.07 4.53 0.00	82.16 4.50 0.00	69.90 3.07 0.00	59.19 2.33 0.00	52.21 2.25 0.00	46.68 1.84 0.00
LOVETT___5 23593	40.67 1.15 0.00	36.95 1.22 0.00	33.80 1.05 0.00	32.99 1.02 0.00	33.05 0.99 0.00	34.83 1.08 0.00	39.40 1.11 0.00	43.00 1.65 0.00	43.01 1.69 0.00	47.53 1.92 0.00	47.76 2.14 0.00	49.56 2.31 0.00	51.32 2.26 0.00	53.43 2.50 0.00	55.74 2.55 0.00	57.95 2.50 0.00	65.75 3.37 0.00	73.11 4.20 0.00	80.07 4.53 0.00	82.16 4.50 0.00	69.90 3.07 0.00	59.19 2.33 0.00	52.21 2.25 0.00	46.68 1.84 0.00
LOWER RAQUET___HYD 24057	39.57 0.04 0.00	35.84 0.11 0.00	32.72 -0.03 0.00	31.94 -0.03 0.00	32.09 0.03 0.00	33.78 0.03 0.00	38.56 0.27 0.00	41.47 0.12 0.00	41.44 0.12 0.00	45.80 0.18 0.00	45.48 -0.14 0.00	46.96 -0.28 0.00	48.91 -0.15 0.00	50.63 -0.30 0.00	52.23 -0.96 0.00	54.12 -1.33 0.00	60.63 -1.75 0.00	66.85 -2.07 0.00	73.57 -1.96 0.00	75.95 -1.71 0.00	65.29 -1.53 0.00	56.06 -0.80 0.00	49.46 -0.50 0.00	44.62 -0.22 0.00
LOWER___HUDSON 24059	40.99 1.46 0.00	37.17 1.43 0.00	34.13 1.38 0.00	33.25 1.28 0.00	33.37 1.31 0.00	35.17 1.42 0.00	39.71 1.42 0.00	42.92 1.57 0.00	42.72 1.41 0.00	47.08 1.46 0.00	47.08 1.46 0.00	48.71 1.47 0.00	50.53 1.47 0.00	52.62 1.68 0.00	54.99 1.81 0.00	57.39 1.94 0.00	64.50 2.12 0.00	71.39 2.48 0.00	78.10 2.57 0.00	80.14 2.48 0.00	69.10 2.27 0.00	59.85 1.99 -1.00	54.22 1.90 -2.36	46.73 1.88 0.00

LOWVILLE_115KV_TB2 356335	40.60 1.07 0.00	36.67 0.93 0.00	33.54 0.79 0.00	32.70 0.74 0.00	32.76 0.71 0.00	34.53 0.78 0.00	39.29 1.00 0.00	42.21 0.87 0.00	42.18 0.87 0.00	46.80 1.19 0.00	46.30 0.68 0.00	47.81 0.57 0.00	49.99 0.93 0.00	51.45 0.51 0.00	53.98 0.80 0.00	55.95 0.50 0.00	62.81 0.44 0.00	69.74 0.83 0.00	76.89 1.36 0.00	79.68 2.02 0.00	68.56 1.74 0.00	58.57 1.71 0.00	51.01 1.05 0.00	46.01 1.17 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.58 2.06 0.00	37.70 1.97 0.00	34.52 1.77 0.00	33.66 1.69 0.00	33.79 1.73 0.00	35.61 1.86 0.00	40.28 1.99 0.00	43.54 2.19 0.00	43.26 1.94 0.00	47.67 2.05 0.00	47.67 2.05 0.00	49.42 2.17 0.00	51.22 2.16 0.00	52.92 1.99 0.00	55.47 2.29 0.00	57.95 2.50 0.00	64.94 2.56 0.00	71.94 3.03 0.00	78.78 3.25 0.00	81.15 3.49 0.00	69.96 3.14 0.00	60.22 2.73 -0.63	53.76 2.30 -1.49	47.40 2.56 0.00
LUTHERNY_35_KV_BK2 355980	41.62 2.09 0.00	37.70 1.97 0.00	34.56 1.80 0.00	33.66 1.69 0.00	33.82 1.76 0.00	35.64 1.89 0.00	40.32 2.03 0.00	43.54 2.19 0.00	43.30 1.98 0.00	47.72 2.10 0.00	47.72 2.10 0.00	49.42 2.17 0.00	51.27 2.21 0.00	52.92 1.99 0.00	55.52 2.34 0.00	58.00 2.55 0.00	65.00 2.62 0.00	72.01 3.10 0.00	78.86 3.32 0.00	81.23 3.57 0.00	70.03 3.21 0.00	60.22 2.73 -0.63	53.81 2.35 -1.49	47.45 2.60 0.00
LWR___OSWEGATCHIE_HYD 23850	40.00 0.47 0.00	36.24 0.50 0.00	33.08 0.33 0.00	32.29 0.32 0.00	32.41 0.35 0.00	34.12 0.37 0.00	38.87 0.57 0.00	41.84 0.50 0.00	41.81 0.50 0.00	46.30 0.68 0.00	45.85 0.23 0.00	47.34 0.09 0.00	49.45 0.39 0.00	50.99 0.05 0.00	53.02 -0.16 0.00	54.90 -0.55 0.00	61.57 -0.81 0.00	68.15 -0.76 0.00	75.08 -0.45 0.00	77.81 0.16 0.00	66.96 0.13 0.00	57.32 0.45 0.00	50.26 0.30 0.00	45.29 0.45 0.00
LYONS_FALL_HYD 23570	40.52 0.99 0.00	36.56 0.82 0.00	33.44 0.69 0.00	32.61 0.64 0.00	32.70 0.64 0.00	34.46 0.71 0.00	39.21 0.92 0.00	42.21 0.87 0.00	42.14 0.83 0.00	46.71 1.09 0.00	46.35 0.73 0.00	47.95 0.71 0.00	50.04 0.98 0.00	51.60 0.66 0.00	54.14 0.96 0.00	56.17 0.72 0.00	63.00 0.62 0.00	69.88 0.96 0.00	76.97 1.43 0.00	79.60 1.94 0.00	68.43 1.60 0.00	58.40 1.54 0.00	51.01 1.05 0.00	45.88 1.03 0.00
MADISON___COUNTY_LFGE 323628	40.44 0.91 0.00	36.49 0.75 0.00	33.41 0.66 0.00	32.61 0.64 0.00	32.67 0.61 0.00	34.43 0.68 0.00	39.10 0.80 0.00	42.21 0.87 0.00	42.22 0.91 0.00	46.71 1.09 0.00	46.58 0.96 0.00	48.19 0.94 0.00	50.19 1.13 0.00	51.96 1.02 0.00	54.41 1.22 0.00	56.56 1.11 0.00	63.50 1.12 0.00	70.43 1.52 0.00	77.35 1.81 0.00	79.91 2.25 0.00	68.76 1.94 0.00	58.45 1.59 0.00	51.16 1.20 0.00	45.83 0.99 0.00
MALONE___115KV_TB1 356076	39.77 0.24 0.00	36.13 0.39 0.00	32.95 0.20 0.00	32.16 0.19 0.00	32.32 0.26 0.00	34.02 0.27 0.00	38.87 0.57 0.00	41.80 0.45 0.00	41.89 0.58 0.00	46.30 0.68 0.00	46.12 0.50 0.00	47.62 0.38 0.00	49.65 0.59 0.00	51.45 0.51 0.00	53.40 0.21 0.00	55.62 0.17 0.00	62.44 0.06 0.00	68.77 -0.14 0.00	75.61 0.08 0.00	77.89 0.23 0.00	66.89 0.07 0.00	57.20 0.34 0.00	50.26 0.30 0.00	45.07 0.22 0.00
MAPLEWOD_115KV_TB3 80458	40.75 1.23 0.00	37.06 1.32 0.00	33.97 1.21 0.00	33.12 1.15 0.00	33.25 1.19 0.00	35.03 1.28 0.00	39.56 1.26 0.00	42.83 1.49 0.00	42.51 1.20 0.00	46.80 1.19 0.00	46.85 1.23 0.00	48.47 1.23 0.00	50.24 1.18 0.00	52.16 1.22 0.00	54.67 1.49 0.00	57.06 1.61 0.00	64.19 1.81 0.00	70.98 2.07 0.00	77.73 2.19 0.00	79.91 2.25 0.00	68.76 1.94 0.00	59.68 1.76 -1.06	53.91 1.45 -2.50	46.42 1.57 0.00
MAPLE_RIDGE_WT_1 323574	39.21 -0.32 0.00	35.41 -0.32 0.00	32.40 -0.36 0.00	31.59 -0.38 0.00	31.68 -0.38 0.00	33.38 -0.37 0.00	37.91 -0.38 0.00	40.89 -0.45 0.00	40.90 -0.41 0.00	45.21 -0.41 0.00	45.16 -0.46 0.00	46.77 -0.47 0.00	48.57 -0.49 0.00	50.43 -0.51 0.00	52.65 -0.53 0.00	54.90 -0.55 0.00	61.75 -0.62 0.00	68.29 -0.62 0.00	74.85 -0.68 0.00	76.96 -0.70 0.00	66.16 -0.67 0.00	56.29 -0.57 0.00	49.42 -0.55 0.00	44.31 -0.54 0.00
MAPLE_RIDGE_WT_2 323611	39.21 -0.32 0.00	35.41 -0.32 0.00	32.40 -0.36 0.00	31.59 -0.38 0.00	31.68 -0.38 0.00	33.38 -0.37 0.00	37.91 -0.38 0.00	40.89 -0.45 0.00	40.90 -0.41 0.00	45.21 -0.41 0.00	45.16 -0.46 0.00	46.77 -0.47 0.00	48.57 -0.49 0.00	50.43 -0.51 0.00	52.65 -0.53 0.00	54.90 -0.55 0.00	61.75 -0.62 0.00	68.29 -0.62 0.00	74.85 -0.68 0.00	76.96 -0.70 0.00	66.16 -0.67 0.00	56.29 -0.57 0.00	49.42 -0.55 0.00	44.31 -0.54 0.00
MARBLE_RIVER_WT_PWR 323696	39.65 0.12 0.00	35.84 0.11 0.00	32.79 0.03 0.00	31.97 0.00 0.00	32.09 0.03 0.00	33.78 0.03 0.00	38.49 0.19 0.00	41.43 0.08 0.00	41.48 0.17 0.00	45.85 0.23 0.00	45.80 0.18 0.00	47.34 0.09 0.00	49.26 0.20 0.00	51.09 0.15 0.00	53.13 -0.05 0.00	55.40 -0.06 0.00	62.25 -0.12 0.00	68.57 -0.34 0.00	75.23 -0.30 0.00	77.43 -0.23 0.00	66.56 -0.27 0.00	56.86 0.00 0.00	49.96 0.00 0.00	44.80 -0.04 0.00
MARSHVLE_115KV_TB1 80742	41.82 2.29 0.00	37.88 2.14 0.00	34.69 1.93 0.00	33.79 1.82 0.00	33.92 1.86 0.00	35.81 2.06 0.00	40.48 2.18 0.00	43.41 2.07 0.00	43.05 1.74 0.00	47.26 1.64 0.00	46.94 1.32 0.00	48.61 1.37 0.00	50.63 1.57 0.00	52.67 1.73 0.00	55.42 2.23 0.00	58.00 2.55 0.00	64.94 2.56 0.00	72.22 3.31 0.00	79.99 4.46 0.00	83.09 5.44 0.00	71.64 4.81 0.00	61.16 3.98 -0.32	53.96 3.25 -0.75	47.72 2.87 0.00
MARSH_HILL_WT_PWR 323713	38.62 -0.91 0.00	45.77 -1.14 -11.18	33.99 -1.18 -2.41	32.84 -1.18 -2.06	30.90 -1.25 -0.10	33.00 -1.11 -0.37	59.06 -1.00 -21.76	42.50 -0.70 -1.86	45.99 -0.41 -5.09	53.60 -0.55 -8.53	45.60 -0.82 -0.80	64.35 -1.04 -18.15	72.22 -0.88 -24.04	85.53 -0.92 -35.51	83.73 -0.85 -31.40	95.05 -0.61 -40.21	118.69 -1.06 -57.37	112.78 -0.21 -44.08	107.17 0.30 -31.33	87.20 0.62 -8.92	67.56 0.74 0.00	56.64 -0.34 -0.11	48.97 -1.00 0.00	43.24 -1.75 -0.14
MCINTYRE_115KV_TB2 80467	40.12 0.59 0.00	36.49 0.75 0.00	33.31 0.56 0.00	32.51 0.54 0.00	32.64 0.58 0.00	34.36 0.61 0.00	39.25 0.96 0.00	42.54 1.20 0.00	42.18 0.87 0.00	46.44 0.82 0.00	45.89 0.27 0.00	47.24 0.00 0.00	49.31 0.25 0.00	50.99 0.05 0.00	52.60 -0.59 0.00	54.51 -0.94 0.00	61.57 -0.81 0.00	67.95 -0.96 0.00	75.01 -0.53 0.00	77.74 0.08 0.00	66.82 0.00 0.00	57.43 0.57 0.00	50.66 0.70 0.00	45.61 0.76 0.00
MECO____69_KV_BK1 80468	42.22 2.69 0.00	38.27 2.54 0.00	35.02 2.26 0.00	34.08 2.11 0.00	34.27 2.21 0.00	36.15 2.40 0.00	40.86 2.57 0.00	43.87 2.52 0.00	43.42 2.11 0.00	47.62 2.01 0.00	47.31 1.69 0.00	48.94 1.70 0.00	50.83 1.77 0.00	52.92 1.99 0.00	55.68 2.50 0.00	58.39 2.94 0.00	65.43 3.06 0.00	72.98 4.07 0.00	80.82 5.29 0.00	83.95 6.29 0.00	72.44 5.61 0.00	61.81 4.61 -0.34	54.52 3.75 -0.81	48.25 3.41 0.00

MENANDS__115KV_TB5 355628	40.52 0.99 0.00	36.88 1.14 0.00	33.84 1.08 0.00	32.99 1.02 0.00	33.12 1.06 0.00	34.86 1.11 0.00	39.40 1.11 0.00	42.67 1.32 0.00	42.31 0.99 0.00	46.57 0.96 0.00	46.62 1.00 0.00	48.23 0.99 0.00	49.94 0.88 0.00	51.91 0.97 0.00	54.35 1.17 0.00	56.67 1.22 0.00	63.75 1.37 0.00	70.57 1.65 0.00	77.20 1.66 0.00	79.29 1.63 0.00	68.23 1.40 0.00	59.16 1.36 -0.93	53.26 1.10 -2.20	46.15 1.30 0.00
MG INDUSTRY__DRP 24185	40.56 1.03 0.00	36.88 1.14 0.00	33.84 1.08 0.00	32.99 1.02 0.00	33.09 1.03 0.00	34.83 1.08 0.00	39.33 1.03 0.00	42.50 1.16 0.00	42.14 0.83 0.00	46.39 0.78 0.00	46.40 0.78 0.00	48.00 0.76 0.00	49.55 0.49 0.00	50.48 -0.46 0.00	52.81 -0.37 0.00	55.06 -0.39 0.00	62.00 -0.37 0.00	68.64 -0.28 0.00	75.31 -0.23 0.00	77.50 -0.16 0.00	66.76 -0.07 0.00	56.06 0.11 0.91	47.86 0.05 2.15	46.10 1.26 0.00
MID__OSWEGATCHIE_HYD 23849	40.00 0.47 0.00	36.24 0.50 0.00	33.08 0.33 0.00	32.29 0.32 0.00	32.41 0.35 0.00	34.12 0.37 0.00	38.87 0.57 0.00	41.84 0.50 0.00	41.81 0.50 0.00	46.30 0.68 0.00	45.85 0.23 0.00	47.34 0.09 0.00	49.45 0.39 0.00	50.99 0.05 0.00	53.02 -0.16 0.00	54.90 -0.55 0.00	61.57 -0.81 0.00	68.15 -0.76 0.00	75.08 -0.45 0.00	77.81 0.16 0.00	66.96 0.13 0.00	57.32 0.45 0.00	50.26 0.30 0.00	45.29 0.45 0.00
MID__RAQUETTE_HYD 23851	39.41 -0.12 0.00	35.84 0.11 0.00	32.72 -0.03 0.00	31.94 -0.03 0.00	32.09 0.03 0.00	33.75 0.00 0.00	38.52 0.23 0.00	41.47 0.12 0.00	41.44 0.12 0.00	45.80 0.18 0.00	45.48 -0.14 0.00	46.96 -0.28 0.00	48.96 -0.10 0.00	50.63 -0.31 0.00	52.23 -0.96 0.00	54.12 -1.33 0.00	60.63 -1.75 0.00	66.84 -2.07 0.00	73.57 -1.96 0.00	75.95 -1.71 0.00	65.29 -1.54 0.00	56.01 -0.85 0.00	49.46 -0.50 0.00	44.62 -0.22 0.00
MILLIKEN__1 23584	40.12 0.59 0.00	37.07 0.39 -0.94	33.29 0.33 -0.20	32.49 0.35 -0.17	32.39 0.32 -0.01	34.12 0.34 -0.03	40.55 0.42 -1.84	41.96 0.45 -0.16	42.80 0.58 -0.91	47.81 0.59 -1.60	47.20 0.50 -1.08	50.29 0.43 -2.63	52.92 0.54 -3.32	56.01 0.61 -4.47	58.09 0.69 -4.21	60.75 0.89 -4.41	68.87 0.94 -5.56	74.37 1.52 -3.94	80.78 1.89 -3.36	81.09 2.17 -1.26	68.83 2.00 0.00	58.23 1.36 -0.01	50.76 0.80 0.00	45.62 0.45 -0.33
MILLIKEN__2 23585	40.12 0.59 0.00	37.07 0.39 -0.94	33.29 0.33 -0.20	32.49 0.35 -0.17	32.39 0.32 -0.01	34.12 0.34 -0.03	40.55 0.42 -1.84	41.96 0.45 -0.16	42.80 0.58 -0.91	47.81 0.59 -1.60	47.20 0.50 -1.08	50.29 0.43 -2.63	52.92 0.54 -3.32	56.01 0.61 -4.47	58.09 0.69 -4.21	60.75 0.89 -4.41	68.87 0.94 -5.56	74.37 1.52 -3.94	80.78 1.89 -3.36	81.09 2.17 -1.26	68.83 2.00 0.00	58.23 1.36 -0.01	50.76 0.80 0.00	45.62 0.45 -0.33
MILLIKEN__DIESEL 23629	40.12 0.59 0.00	37.07 0.39 -0.94	33.29 0.33 -0.20	32.49 0.35 -0.17	32.39 0.32 -0.01	34.12 0.34 -0.03	40.55 0.42 -1.84	41.96 0.45 -0.16	42.80 0.58 -0.91	47.81 0.59 -1.60	47.20 0.50 -1.08	50.29 0.43 -2.63	52.92 0.54 -3.32	56.01 0.61 -4.47	58.09 0.69 -4.21	60.75 0.89 -4.41	68.87 0.94 -5.56	74.37 1.52 -3.94	80.78 1.89 -3.36	81.09 2.17 -1.26	68.83 2.00 0.00	58.23 1.36 -0.01	50.76 0.80 0.00	45.62 0.45 -0.33
MILLSEAT__LFGE 323607	37.39 -2.14 0.00	31.29 -2.61 1.84	29.99 -2.36 0.40	29.45 -2.17 0.34	29.64 -2.40 0.02	31.05 -2.63 0.07	32.12 -2.61 3.57	38.63 -2.40 0.31	38.73 -1.78 0.81	42.13 -2.14 1.34	43.27 -2.28 0.07	42.36 -1.98 2.90	43.19 -2.01 3.85	43.34 -1.88 5.72	46.39 -1.75 5.04	47.71 -1.22 6.52	51.63 -1.93 8.82	60.63 -1.45 6.83	68.85 -1.73 4.95	74.23 -2.09 1.34	65.42 -1.41 0.00	54.97 -1.88 0.02	47.91 -2.05 0.00	42.38 -2.47 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.79 1.26 0.00	37.06 1.32 0.00	33.90 1.15 0.00	33.12 1.15 0.00	33.15 1.09 0.00	34.93 1.18 0.00	39.56 1.26 0.00	43.16 1.82 0.00	43.22 1.90 0.00	47.76 2.14 0.00	47.99 2.37 0.00	49.84 2.60 0.00	51.61 2.55 0.00	53.74 2.80 0.00	56.06 2.87 0.00	58.34 2.88 0.00	66.12 3.74 0.00	73.53 4.62 0.00	80.52 4.99 0.00	82.63 4.97 0.00	70.30 3.47 0.00	59.59 2.73 0.00	52.51 2.55 0.00	46.95 2.11 0.00
MILLWOOD_13_KV_LOAD 356217	40.87 1.34 0.00	37.13 1.39 0.00	33.97 1.21 0.00	33.15 1.18 0.00	33.21 1.15 0.00	35.00 1.25 0.00	39.63 1.34 0.00	43.25 1.90 0.00	43.30 1.98 0.00	47.90 2.28 0.00	48.13 2.51 0.00	49.98 2.74 0.00	51.76 3.01 0.00	53.94 3.08 0.00	56.27 3.05 0.00	58.50 3.99 0.00	66.37 3.99 0.00	73.80 4.89 0.00	80.75 5.21 0.00	82.86 5.20 0.00	70.50 3.68 0.00	59.82 2.96 0.00	52.71 2.75 0.00	47.09 2.24 0.00
MODEL_CITY_ENERGY 24167	35.89 -3.64 0.00	29.69 -3.82 2.23	28.76 -3.50 0.49	28.35 -3.20 0.42	28.55 -3.49 0.02	29.78 -3.88 0.09	30.10 -3.87 4.33	36.91 -4.05 0.38	37.07 -3.26 0.98	40.20 -3.79 1.63	41.56 -3.97 0.09	40.08 -3.64 3.52	40.71 -3.68 4.67	40.44 -3.57 6.93	43.67 -3.40 6.11	44.51 -3.05 7.90	47.61 -4.05 10.72	56.55 -4.00 8.36	64.42 -4.84 6.28	70.56 -5.44 1.66	62.48 -4.34 0.00	52.40 -4.44 0.02	45.87 -4.10 0.00	40.58 -4.26 0.00
MODERN_LFGE__ 323580	35.89 -3.64 0.00	29.69 -3.82 2.23	28.76 -3.50 0.49	28.35 -3.20 0.42	28.55 -3.49 0.02	29.78 -3.88 0.09	30.10 -3.87 4.33	36.91 -4.05 0.38	37.07 -3.26 0.98	40.20 -3.79 1.63	41.56 -3.97 0.09	40.08 -3.64 3.52	40.71 -3.68 4.67	40.44 -3.57 6.93	43.67 -3.40 6.11	44.51 -3.05 7.90	47.61 -4.05 10.72	56.55 -4.00 8.36	64.42 -4.84 6.28	70.56 -5.44 1.66	62.48 -4.34 0.00	52.40 -4.44 0.02	45.87 -4.10 0.00	40.58 -4.26 0.00
MOHAWK_PAPER__DRP 24187	40.75 1.23 0.00	37.06 1.32 0.00	33.97 1.21 0.00	33.12 1.15 0.00	33.25 1.19 0.00	35.03 1.28 0.00	39.56 1.26 0.00	42.83 1.49 0.00	42.51 1.20 0.00	46.80 1.19 0.00	46.85 1.23 0.00	48.47 1.23 0.00	50.24 1.18 0.00	52.16 1.22 0.00	54.67 1.49 0.00	57.06 1.61 0.00	64.19 1.81 0.00	70.98 2.07 0.00	77.73 2.19 0.00	79.91 2.25 0.00	68.76 1.94 0.00	59.68 1.76 -1.06	53.91 1.45 -2.50	46.42 1.57 0.00
MOHICAN__35_KV_115KV_LD 80490	42.26 2.73 0.00	38.31 2.57 0.00	35.08 2.33 0.00	34.14 2.17 0.00	34.30 2.24 0.00	36.18 2.43 0.00	40.97 2.68 0.00	44.24 2.89 0.00	43.96 2.64 0.00	48.45 2.83 0.00	48.45 2.83 0.00	50.22 2.98 0.00	52.00 2.94 0.00	53.13 2.19 0.00	55.74 2.55 0.00	58.28 2.83 0.00	64.87 2.50 0.00	72.01 3.10 0.00	78.86 3.32 0.00	81.31 3.65 0.00	70.10 3.27 0.00	60.26 2.79 -0.61	53.96 2.55 -1.45	48.16 3.32 0.00
MONGAUP__HYD 23641	41.54 2.01 0.00	37.74 2.00 0.00	34.39 1.64 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.44 1.69 0.00	40.32 2.03 0.00	43.58 2.23 0.00	43.34 2.02 0.00	47.85 2.23 0.00	47.99 2.37 0.00	50.03 2.79 0.00	51.81 2.75 0.00	53.79 2.85 0.00	56.37 3.19 0.00	58.56 3.10 0.00	66.87 4.49 0.00	74.63 5.72 0.00	82.10 6.57 0.00	84.72 7.07 0.00	72.10 5.28 0.00	60.67 3.81 0.00	53.06 3.10 0.00	47.58 2.74 0.00

MONTAUK___DIESEL 23721	40.91 1.38 0.00	37.13 1.39 0.00	33.97 1.21 0.00	33.06 1.09 0.00	33.05 0.99 0.00	35.13 1.38 0.00	39.60 1.30 0.00	43.58 2.23 0.00	43.50 2.19 0.00	47.08 1.46 0.00	47.67 2.05 0.00	49.46 2.22 0.00	50.83 1.77 0.00	53.27 2.34 0.01	56.00 2.82 0.00	58.22 2.77 0.01	66.06 3.68 0.00	73.80 4.89 0.00	83.64 5.59 -2.51	84.45 5.20 -1.59	72.25 3.41 -2.02	61.12 3.35 -0.91	52.91 2.95 0.00	47.36 2.51 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.48 -3.04 0.00	30.12 -2.86 2.76	29.55 -2.59 0.61	29.05 -2.40 0.52	29.53 -2.50 0.02	31.27 -2.40 0.08	30.44 -2.49 5.36	38.60 -2.27 0.47	38.15 -1.94 1.22	41.83 -1.78 2.01	43.76 -1.78 0.08	41.02 -1.89 4.33	41.30 -2.01 5.75	40.42 -1.94 8.58	43.81 -1.81 7.56	44.17 -1.50 9.78	46.55 -1.62 14.21	56.76 -1.17 10.98	67.92 -1.06 6.56	74.83 -1.09 1.75	65.96 -0.87 0.00	55.13 -1.71 0.03	47.32 -2.65 0.00	41.57 -3.27 0.00
MORRIS_RIDGE___SOLAR 323848	38.03 -1.50 0.00	22.96 -1.64 11.13	28.74 -1.60 2.41	28.34 -1.57 2.06	30.33 -1.63 0.10	31.80 -1.59 0.36	14.99 -1.65 21.66	37.99 -1.49 1.87	35.16 -1.28 4.87	36.00 -1.50 8.11	43.57 -1.69 0.36	27.78 -1.89 17.57	23.96 -1.76 23.34	14.46 -1.78 34.70	20.85 -1.75 30.58	14.28 -1.61 39.56	2.83 -2.24 57.31	23.11 -1.65 44.15	43.72 -1.44 30.38	67.88 -1.25 8.54	66.09 -0.73 0.00	55.33 -1.42 0.11	48.32 -1.65 0.00	42.56 -2.29 0.00
MORTIMER_115KV_TB3 55949	38.38 -1.15 0.00	33.34 -1.93 0.47	30.89 -1.77 0.10	30.19 -1.69 0.09	30.36 -1.70 0.00	31.85 -1.89 0.02	35.31 -2.07 0.91	39.41 -1.86 0.08	39.62 -1.49 0.21	43.68 -1.60 0.34	44.10 -1.51 0.02	45.08 -1.42 0.74	46.60 -1.47 0.99	48.10 -1.38 1.46	50.56 -1.33 1.29	52.84 -0.94 1.67	58.90 -1.06 2.42	65.99 -1.03 1.89	73.13 -1.06 1.35	76.03 -1.32 0.31	66.49 -0.33 0.00	55.26 -1.59 0.00	48.51 -1.45 0.00	43.50 -1.35 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.95 1.42 0.00	37.20 1.47 0.00	34.00 1.24 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.03 1.28 0.00	39.71 1.42 0.00	43.37 2.03 0.00	43.46 2.15 0.00	48.13 2.51 0.00	48.36 2.74 0.00	50.27 3.02 0.00	52.10 3.04 0.00	54.25 3.31 0.00	56.53 3.35 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.08 5.17 0.00	81.12 5.59 0.00	83.17 5.51 0.00	70.77 3.94 0.00	59.93 3.07 0.00	52.91 2.95 0.00	47.27 2.42 0.00
MUNSVILLE_WIND_PWR 323609	41.62 2.09 0.00	38.21 1.82 -0.65	34.44 1.54 -0.14	33.56 1.47 -0.12	33.51 1.44 -0.01	35.36 1.59 -0.02	41.56 1.99 -1.27	43.77 2.31 -0.11	44.26 2.31 -0.63	49.33 2.60 -1.11	48.70 2.33 -0.75	51.53 2.46 -1.83	54.12 2.75 -2.31	56.54 2.50 -3.11	59.09 2.98 -2.93	61.35 2.83 -3.07	68.80 2.93 -3.49	75.43 4.06 -2.45	82.60 4.91 -2.16	84.36 5.83 -0.87	71.70 4.88 0.00	60.85 3.98 -0.01	52.96 3.00 0.00	47.40 2.33 -0.23
N SALMON___HYD 24042	39.92 0.40 0.00	36.13 0.39 0.00	32.95 0.20 0.00	32.16 0.19 0.00	32.31 0.26 0.00	34.02 0.27 0.00	38.87 0.58 0.00	41.80 0.46 0.00	41.85 0.54 0.00	46.30 0.69 0.00	46.12 0.50 0.00	47.62 0.38 0.00	49.60 0.54 0.00	51.45 0.51 0.00	53.40 0.21 0.00	55.62 0.17 0.00	62.44 0.06 0.00	68.77 -0.14 0.00	75.61 0.08 0.00	77.89 0.23 0.00	66.89 0.07 0.00	57.26 0.40 0.00	50.27 0.30 0.00	45.07 0.23 0.00
N.AKRON__115KV_KNAPP 355671	37.31 -2.21 0.00	31.26 -2.57 1.90	30.01 -2.33 0.42	29.37 -2.24 0.36	29.57 -2.47 0.02	30.95 -2.73 0.07	31.92 -2.68 3.70	38.58 -2.44 0.32	38.50 -1.98 0.84	41.99 -2.24 1.39	43.18 -2.37 0.07	42.16 -2.08 3.00	42.91 -2.16 3.99	43.03 -1.99 5.92	46.11 -1.86 5.22	47.38 -1.33 6.75	50.96 -1.62 9.79	59.67 -1.65 7.59	68.12 -1.96 5.45	73.93 -2.33 1.40	65.35 -1.47 0.00	54.00 -2.84 0.02	47.17 -2.80 0.00	42.11 -2.74 0.00
N.BELMOR_69_KV_BK1 55787	41.46 1.94 0.00	37.49 1.75 0.00	34.26 1.51 0.00	33.41 1.44 0.00	33.41 1.35 0.00	35.40 1.65 0.00	39.94 1.65 0.00	43.70 2.36 0.00	43.71 2.40 0.00	47.76 2.14 0.00	48.40 2.78 0.00	50.12 2.88 0.00	51.66 2.60 0.00	53.83 2.90 0.01	56.32 3.14 0.00	58.44 2.99 0.00	66.25 3.87 0.00	73.80 4.89 0.00	80.97 5.44 0.00	82.78 5.13 0.00	70.37 3.54 0.00	60.05 3.18 0.00	53.41 3.45 0.00	47.94 3.09 0.00
N.E._GEN_SANDY PD 24062	42.00 1.34 -1.13	37.06 1.32 0.00	34.00 1.24 0.00	33.18 1.21 0.00	34.48 1.22 -1.20	35.07 1.31 0.00	39.63 1.34 0.00	42.88 1.53 0.00	42.68 1.36 0.00	47.12 1.50 0.00	47.12 1.50 0.00	48.80 1.56 0.00	50.63 1.57 0.00	52.67 1.73 0.00	55.15 1.97 0.00	57.39 1.94 0.00	64.88 2.50 0.00	71.74 2.83 0.00	78.40 2.87 0.00	80.30 2.64 0.00	69.16 2.34 0.00	60.00 1.99 -1.15	52.80 1.75 -1.09	47.00 1.80 -0.36
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.75 1.23 0.00	36.99 1.25 0.00	33.84 1.08 0.00	33.06 1.09 0.00	33.09 1.03 0.00	34.86 1.11 0.00	39.44 1.15 0.00	43.04 1.70 0.00	43.09 1.78 0.00	47.62 2.01 0.00	47.86 2.24 0.00	49.65 2.41 0.00	51.46 2.40 0.00	53.54 2.60 0.00	55.90 2.71 0.00	58.11 2.66 0.00	65.87 3.49 0.00	73.32 4.41 0.00	80.29 4.76 0.00	82.40 4.74 0.00	70.10 3.27 0.00	59.36 2.50 0.00	52.31 2.35 0.00	46.77 1.93 0.00
N.QUEENS_27_KV_LOAD 356247	41.11 1.58 0.00	37.31 1.57 0.00	34.07 1.31 0.00	33.57 1.60 0.00	33.41 1.35 0.00	34.90 1.15 0.00	39.56 1.26 0.00	43.29 1.94 0.00	43.46 2.15 0.00	48.22 2.60 0.00	48.45 2.83 0.00	50.41 3.17 0.00	52.25 3.19 0.00	54.44 3.51 0.01	56.53 3.35 0.00	58.61 3.16 0.00	66.49 4.12 0.00	74.08 5.17 0.00	81.05 5.51 0.00	83.02 5.36 0.00	70.50 3.68 0.00	59.70 2.84 0.00	52.96 3.00 0.00	47.54 2.69 0.00
N.TROY___115KV_TB1 355778	41.03 1.50 0.00	37.17 1.43 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.41 1.35 0.00	35.17 1.42 0.00	39.75 1.46 0.00	43.04 1.70 0.00	42.76 1.45 0.00	47.08 1.46 0.00	47.08 1.46 0.00	48.75 1.51 0.00	50.58 1.52 0.00	52.47 1.53 0.00	54.99 1.81 0.00	57.39 1.94 0.00	64.56 2.18 0.00	71.39 2.48 0.00	78.10 2.57 0.00	80.22 2.56 0.00	69.10 2.27 0.00	59.97 2.10 -1.00	54.12 1.80 -2.36	46.73 1.88 0.00
NARROWS_GT1_1 24228	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.85 3.78 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	82.03 6.50 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
NARROWS_GT1_2 24229	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.85 3.78 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	82.03 6.50 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01

NARROWS_GT1_3 24230	41.39 <u>1.86</u> -0.01	37.59 <u>1.86</u> 0.00	34.30 <u>1.54</u> 0.00	33.63 <u>1.66</u> 0.00	33.63 <u>1.57</u> 0.00	35.20 <u>1.45</u> 0.00	40.13 <u>1.84</u> 0.00	43.62 <u>2.27</u> 0.00	43.54 <u>2.23</u> 0.00	48.54 <u>2.92</u> 0.00	48.77 <u>3.15</u> 0.00	50.93 <u>3.69</u> 0.00	52.85 <u>3.78</u> -0.01	54.71 <u>3.77</u> -0.01	57.06 <u>3.88</u> 0.00	59.06 <u>3.60</u> 0.00	67.43 <u>5.05</u> 0.00	74.84 <u>5.93</u> 0.00	82.03 <u>6.50</u> 0.00	84.10 <u>6.44</u> 0.00	71.50 <u>4.68</u> 0.00	60.16 <u>3.30</u> 0.00	52.97 <u>3.00</u> -0.01	47.73 <u>2.87</u> -0.01
NARROWS_GT1_4 24231	41.39 <u>1.86</u> -0.01	37.59 <u>1.86</u> 0.00	34.30 <u>1.54</u> 0.00	33.63 <u>1.66</u> 0.00	33.63 <u>1.57</u> 0.00	35.20 <u>1.45</u> 0.00	40.13 <u>1.84</u> 0.00	43.62 <u>2.27</u> 0.00	43.54 <u>2.23</u> 0.00	48.54 <u>2.92</u> 0.00	48.77 <u>3.15</u> 0.00	50.93 <u>3.69</u> 0.00	52.85 <u>3.78</u> -0.01	54.71 <u>3.77</u> -0.01	57.06 <u>3.88</u> 0.00	59.06 <u>3.60</u> 0.00	67.43 <u>5.05</u> 0.00	74.84 <u>5.93</u> 0.00	82.03 <u>6.50</u> 0.00	84.10 <u>6.44</u> 0.00	71.50 <u>4.68</u> 0.00	60.16 <u>3.30</u> 0.00	52.97 <u>3.00</u> -0.01	47.73 <u>2.87</u> -0.01
NARROWS_GT1_5 24232	41.39 <u>1.86</u> -0.01	37.59 <u>1.86</u> 0.00	34.30 <u>1.54</u> 0.00	33.63 <u>1.66</u> 0.00	33.63 <u>1.57</u> 0.00	35.20 <u>1.45</u> 0.00	40.13 <u>1.84</u> 0.00	43.62 <u>2.27</u> 0.00	43.54 <u>2.23</u> 0.00	48.54 <u>2.92</u> 0.00	48.77 <u>3.15</u> 0.00	50.93 <u>3.69</u> 0.00	52.85 <u>3.78</u> -0.01	54.71 <u>3.77</u> -0.01	57.06 <u>3.88</u> 0.00	59.06 <u>3.60</u> 0.00	67.43 <u>5.05</u> 0.00	74.84 <u>5.93</u> 0.00	82.03 <u>6.50</u> 0.00	84.10 <u>6.44</u> 0.00	71.50 <u>4.68</u> 0.00	60.16 <u>3.30</u> 0.00	52.97 <u>3.00</u> -0.01	47.73 <u>2.87</u> -0.01
NARROWS_GT1_6 24233	41.39 <u>1.86</u> -0.01	37.59 <u>1.86</u> 0.00	34.30 <u>1.54</u> 0.00	33.63 <u>1.66</u> 0.00	33.63 <u>1.57</u> 0.00	35.20 <u>1.45</u> 0.00	40.13 <u>1.84</u> 0.00	43.62 <u>2.27</u> 0.00	43.54 <u>2.23</u> 0.00	48.54 <u>2.92</u> 0.00	48.77 <u>3.15</u> 0.00	50.93 <u>3.69</u> 0.00	52.85 <u>3.78</u> -0.01	54.71 <u>3.77</u> -0.01	57.06 <u>3.88</u> 0.00	59.06 <u>3.60</u> 0.00	67.43 <u>5.05</u> 0.00	74.84 <u>5.93</u> 0.00	82.03 <u>6.50</u> 0.00	84.10 <u>6.44</u> 0.00	71.50 <u>4.68</u> 0.00	60.16 <u>3.30</u> 0.00	52.97 <u>3.00</u> -0.01	47.73 <u>2.87</u> -0.01
NARROWS_GT1_7 24234	41.39 <u>1.86</u> -0.01	37.59 <u>1.86</u> 0.00	34.30 <u>1.54</u> 0.00	33.63 <u>1.66</u> 0.00	33.63 <u>1.57</u> 0.00	35.20 <u>1.45</u> 0.00	40.13 <u>1.84</u> 0.00	43.62 <u>2.27</u> 0.00	43.54 <u>2.23</u> 0.00	48.54 <u>2.92</u> 0.00	48.77 <u>3.15</u> 0.00	50.93 <u>3.69</u> 0.00	52.85 <u>3.78</u> -0.01	54.71 <u>3.77</u> -0.01	57.06 <u>3.88</u> 0.00	59.06 <u>3.60</u> 0.00	67.43 <u>5.05</u> 0.00	74.84 <u>5.93</u> 0.00	82.03 <u>6.50</u> 0.00	84.10 <u>6.44</u> 0.00	71.50 <u>4.68</u> 0.00	60.16 <u>3.30</u> 0.00	52.97 <u>3.00</u> -0.01	47.73 <u>2.87</u> -0.01
NARROWS_GT1_8 24235	41.39 <u>1.86</u> -0.01	37.59 <u>1.86</u> 0.00	34.30 <u>1.54</u> 0.00	33.63 <u>1.66</u> 0.00	33.63 <u>1.57</u> 0.00	35.20 <u>1.45</u> 0.00	40.13 <u>1.84</u> 0.00	43.62 <u>2.27</u> 0.00	43.54 <u>2.23</u> 0.00	48.54 <u>2.92</u> 0.00	48.77 <u>3.15</u> 0.00	50.93 <u>3.69</u> 0.00	52.85 <u>3.78</u> -0.01	54.71 <u>3.77</u> -0.01	57.06 <u>3.88</u> 0.00	59.06 <u>3.60</u> 0.00	67.43 <u>5.05</u> 0.00	74.84 <u>5.93</u> 0.00	82.03 <u>6.50</u> 0.00	84.10 <u>6.44</u> 0.00	71.50 <u>4.68</u> 0.00	60.16 <u>3.30</u> 0.00	52.97 <u>3.00</u> -0.01	47.73 <u>2.87</u> -0.01
NARROWS_GT2_1 24236	41.39 <u>1.86</u> -0.01	37.59 <u>1.86</u> 0.00	34.30 <u>1.54</u> 0.00	33.63 <u>1.66</u> 0.00	33.63 <u>1.57</u> 0.00	35.20 <u>1.45</u> 0.00	40.13 <u>1.84</u> 0.00	43.62 <u>2.27</u> 0.00	43.54 <u>2.23</u> 0.00	48.54 <u>2.92</u> 0.00	48.77 <u>3.15</u> 0.00	50.93 <u>3.69</u> 0.00	52.85 <u>3.78</u> -0.01	54.71 <u>3.77</u> -0.01	57.06 <u>3.88</u> 0.00	59.06 <u>3.60</u> 0.00	67.43 <u>5.05</u> 0.00	74.84 <u>5.93</u> 0.00	82.03 <u>6.50</u> 0.00	84.10 <u>6.44</u> 0.00	71.50 <u>4.68</u> 0.00	60.16 <u>3.30</u> 0.00	52.97 <u>3.00</u> -0.01	47.73 <u>2.87</u> -0.01
NARROWS_GT2_2 24237	41.39 <u>1.86</u> -0.01	37.59 <u>1.86</u> 0.00	34.30 <u>1.54</u> 0.00	33.63 <u>1.66</u> 0.00	33.63 <u>1.57</u> 0.00	35.20 <u>1.45</u> 0.00	40.13 <u>1.84</u> 0.00	43.62 <u>2.27</u> 0.00	43.54 <u>2.23</u> 0.00	48.54 <u>2.92</u> 0.00	48.77 <u>3.15</u> 0.00	50.93 <u>3.69</u> 0.00	52.85 <u>3.78</u> -0.01	54.71 <u>3.77</u> -0.01	57.06 <u>3.88</u> 0.00	59.06 <u>3.60</u> 0.00	67.43 <u>5.05</u> 0.00	74.84 <u>5.93</u> 0.00	82.03 <u>6.50</u> 0.00	84.10 <u>6.44</u> 0.00	71.50 <u>4.68</u> 0.00	60.16 <u>3.30</u> 0.00	52.97 <u>3.00</u> -0.01	47.73 <u>2.87</u> -0.01
NARROWS_GT2_3 24238	41.39 <u>1.86</u> -0.01	37.59 <u>1.86</u> 0.00	34.30 <u>1.54</u> 0.00	33.63 <u>1.66</u> 0.00	33.63 <u>1.57</u> 0.00	35.20 <u>1.45</u> 0.00	40.13 <u>1.84</u> 0.00	43.62 <u>2.27</u> 0.00	43.54 <u>2.23</u> 0.00	48.54 <u>2.92</u> 0.00	48.77 <u>3.15</u> 0.00	50.93 <u>3.69</u> 0.00	52.85 <u>3.78</u> -0.01	54.71 <u>3.77</u> -0.01	57.06 <u>3.88</u> 0.00	59.06 <u>3.60</u> 0.00	67.43 <u>5.05</u> 0.00	74.84 <u>5.93</u> 0.00	82.03 <u>6.50</u> 0.00	84.10 <u>6.44</u> 0.00	71.50 <u>4.68</u> 0.00	60.16 <u>3.30</u> 0.00	52.97 <u>3.00</u> -0.01	47.73 <u>2.87</u> -0.01
NARROWS_GT2_4 24239	41.39 <u>1.86</u> -0.01	37.59 <u>1.86</u> 0.00	34.30 <u>1.54</u> 0.00	33.63 <u>1.66</u> 0.00	33.63 <u>1.57</u> 0.00	35.20 <u>1.45</u> 0.00	40.13 <u>1.84</u> 0.00	43.62 <u>2.27</u> 0.00	43.54 <u>2.23</u> 0.00	48.54 <u>2.92</u> 0.00	48.77 <u>3.15</u> 0.00	50.93 <u>3.69</u> 0.00	52.85 <u>3.78</u> -0.01	54.71 <u>3.77</u> -0.01	57.06 <u>3.88</u> 0.00	59.06 <u>3.60</u> 0.00	67.43 <u>5.05</u> 0.00	74.84 <u>5.93</u> 0.00	82.03 <u>6.50</u> 0.00	84.10 <u>6.44</u> 0.00	71.50 <u>4.68</u> 0.00	60.16 <u>3.30</u> 0.00	52.97 <u>3.00</u> -0.01	47.73 <u>2.87</u> -0.01
NARROWS_GT2_5 24240	41.39 <u>1.86</u> -0.01	37.59 <u>1.86</u> 0.00	34.30 <u>1.54</u> 0.00	33.63 <u>1.66</u> 0.00	33.63 <u>1.57</u> 0.00	35.20 <u>1.45</u> 0.00	40.13 <u>1.84</u> 0.00	43.62 <u>2.27</u> 0.00	43.54 <u>2.23</u> 0.00	48.54 <u>2.92</u> 0.00	48.77 <u>3.15</u> 0.00	50.93 <u>3.69</u> 0.00	52.85 <u>3.78</u> -0.01	54.71 <u>3.77</u> -0.01	57.06 <u>3.88</u> 0.00	59.06 <u>3.60</u> 0.00	67.43 <u>5.05</u> 0.00	74.84 <u>5.93</u> 0.00	82.03 <u>6.50</u> 0.00	84.10 <u>6.44</u> 0.00	71.50 <u>4.68</u> 0.00	60.16 <u>3.30</u> 0.00	52.97 <u>3.00</u> -0.01	47.73 <u>2.87</u> -0.01
NARROWS_GT2_6 24241	41.39 <u>1.86</u> -0.01	37.59 <u>1.86</u> 0.00	34.30 <u>1.54</u> 0.00	33.63 <u>1.66</u> 0.00	33.63 <u>1.57</u> 0.00	35.20 <u>1.45</u> 0.00	40.13 <u>1.84</u> 0.00	43.62 <u>2.27</u> 0.00	43.54 <u>2.23</u> 0.00	48.54 <u>2.92</u> 0.00	48.77 <u>3.15</u> 0.00	50.93 <u>3.69</u> 0.00	52.85 <u>3.78</u> -0.01	54.71 <u>3.77</u> -0.01	57.06 <u>3.88</u> 0.00	59.06 <u>3.60</u> 0.00	67.43 <u>5.05</u> 0.00	74.84 <u>5.93</u> 0.00	82.03 <u>6.50</u> 0.00	84.10 <u>6.44</u> 0.00	71.50 <u>4.68</u> 0.00	60.16 <u>3.30</u> 0.00	52.97 <u>3.00</u> -0.01	47.73 <u>2.87</u> -0.01
NARROWS_GT2_7 24242	41.39 <u>1.86</u> -0.01	37.59 <u>1.86</u> 0.00	34.30 <u>1.54</u> 0.00	33.63 <u>1.66</u> 0.00	33.63 <u>1.57</u> 0.00	35.20 <u>1.45</u> 0.00	40.13 <u>1.84</u> 0.00	43.62 <u>2.27</u> 0.00	43.54 <u>2.23</u> 0.00	48.54 <u>2.92</u> 0.00	48.77 <u>3.15</u> 0.00	50.93 <u>3.69</u> 0.00	52.85 <u>3.78</u> -0.01	54.71 <u>3.77</u> -0.01	57.06 <u>3.88</u> 0.00	59.06 <u>3.60</u> 0.00	67.43 <u>5.05</u> 0.00	74.84 <u>5.93</u> 0.00	82.03 <u>6.50</u> 0.00	84.10 <u>6.44</u> 0.00	71.50 <u>4.68</u> 0.00	60.16 <u>3.30</u> 0.00	52.97 <u>3.00</u> -0.01	47.73 <u>2.87</u> -0.01
NARROWS_GT2_8 24243	41.39 <u>1.86</u> -0.01	37.59 <u>1.86</u> 0.00	34.30 <u>1.54</u> 0.00	33.63 <u>1.66</u> 0.00	33.63 <u>1.57</u> 0.00	35.20 <u>1.45</u> 0.00	40.13 <u>1.84</u> 0.00	43.62 <u>2.27</u> 0.00	43.54 <u>2.23</u> 0.00	48.54 <u>2.92</u> 0.00	48.77 <u>3.15</u> 0.00	50.93 <u>3.69</u> 0.00	52.85 <u>3.78</u> -0.01	54.71 <u>3.77</u> -0.01	57.06 <u>3.88</u> 0.00	59.06 <u>3.60</u> 0.00	67.43 <u>5.05</u> 0.00	74.84 <u>5.93</u> 0.00	82.03 <u>6.50</u> 0.00	84.10 <u>6.44</u> 0.00	71.50 <u>4.68</u> 0.00	60.16 <u>3.30</u> 0.00	52.97 <u>3.00</u> -0.01	47.73 <u>2.87</u> -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.27 <u>1.74</u> 0.00	37.56 <u>1.82</u> 0.00	34.43 <u>1.67</u> 0.00	33.57 <u>1.60</u> 0.00	33.66 <u>1.60</u> 0.00	35.40 <u>1.65</u> 0.00	39.98 <u>1.68</u> 0.00	43.12 <u>1.78</u> 0.00	42.64 <u>1.32</u> 0.00	46.80 <u>1.19</u> 0.00	46.72 <u>1.09</u> 0.00	48.38 <u>1.13</u> 0.00	49.94 <u>0.88</u> 0.00	51.70 <u>0.76</u> 0.00	54.19 <u>1.01</u> 0.00	56.51 <u>1.05</u> 0.00	63.75 <u>1.37</u> 0.00	70.91 <u>2.00</u> 0.00	77.95 <u>2.42</u> 0.00	80.38 <u>2.72</u> 0.00	69.10 <u>2.27</u> 0.00	58.30 <u>2.45</u> 1.00	49.45 <u>1.85</u> 2.36	46.95 <u>2.11</u> 0.00

NCHELSEA_115KV_TR2 355582	41.11 1.58 0.00	37.31 1.57 0.00	34.13 1.38 0.00	33.34 1.37 0.00	33.34 1.28 0.00	35.17 1.42 0.00	39.79 1.49 0.00	43.33 1.98 0.00	43.42 2.11 0.00	47.94 2.33 0.00	48.13 2.51 0.00	50.03 2.79 0.00	51.86 2.80 0.00	53.94 3.01 0.00	56.43 3.24 0.00	58.61 3.16 0.00	66.49 4.12 0.00	74.01 5.10 0.00	81.05 5.51 0.00	83.25 5.59 0.00	70.83 4.01 0.00	60.10 3.24 0.00	52.86 2.90 0.00	47.22 2.38 0.00
NEG CAPITAL___MECHNVIL 23645	41.58 2.05 0.00	37.74 2.00 0.00	34.59 1.83 0.00	33.66 1.69 0.00	33.82 1.76 0.00	35.64 1.89 0.00	40.28 1.99 0.00	43.49 2.15 0.00	43.30 1.98 0.00	47.76 2.14 0.00	47.77 2.14 0.00	49.46 2.22 0.00	51.32 2.26 0.00	53.43 2.50 0.00	55.68 2.50 0.00	58.17 2.72 0.00	65.25 2.87 0.00	72.29 3.38 0.00	79.16 3.63 0.00	81.39 3.73 0.00	70.23 3.41 0.00	60.50 2.90 -0.74	54.50 2.80 -1.74	47.49 2.65 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.95 -1.58 0.00	33.18 -2.14 0.42	30.70 -1.96 0.09	29.98 -1.92 0.08	30.13 -1.92 0.00	31.68 -2.06 0.01	35.18 -2.30 0.82	39.29 -1.98 0.07	39.44 -1.70 0.18	43.40 -1.91 0.31	43.69 -1.91 0.01	44.64 -1.94 0.66	46.17 -2.01 0.88	47.64 -1.99 1.31	50.06 -1.97 1.15	52.30 -1.66 1.49	58.38 -2.12 1.88	65.53 -1.93 1.45	72.43 -2.04 1.07	75.11 -2.25 0.29	65.49 -1.34 0.00	55.32 -1.53 0.00	48.32 -1.65 0.00	43.10 -1.75 0.00
NEG CENTRAL___DRP 24199	40.04 0.51 0.00	37.97 0.21 -2.02	33.32 0.13 -0.43	32.50 0.16 -0.37	32.24 0.16 -0.02	34.02 0.20 -0.07	42.56 0.34 -3.93	42.09 0.41 -0.34	43.45 0.66 -1.48	48.91 0.73 -2.56	47.54 0.59 -1.33	52.31 0.52 -4.55	55.54 0.64 -5.84	59.82 0.76 -8.12	61.58 0.90 -7.49	65.06 1.16 -8.44	74.81 1.19 -11.24	79.02 1.86 -8.25	84.30 2.27 -6.50	82.44 2.56 -2.22	69.10 2.27 0.00	58.30 1.42 -0.02	50.56 0.60 0.00	45.37 0.13 -0.39
NEG CENTRAL___INDECK 23768	39.73 0.20 0.00	44.34 -0.54 -9.14	34.20 -0.53 -1.97	33.17 -0.48 -1.68	31.59 -0.55 -0.08	33.58 -0.47 -0.30	55.63 -0.46 -17.79	42.70 -0.16 -1.52	45.15 -0.16 -3.99	51.78 -0.50 -6.66	45.19 -0.73 -0.30	60.99 -0.71 -14.45	67.72 -0.54 -19.20	78.99 -0.46 -28.52	77.99 -0.32 -25.13	88.14 0.17 -32.52	109.53 -0.06 -47.21	106.34 1.04 -36.39	103.13 1.96 -25.64	87.47 2.64 -7.17	69.76 2.94 0.00	58.77 1.82 -0.09	50.91 0.95 0.00	44.94 0.09 0.00
NEG CENTRAL___SENECA 23627	40.40 0.87 0.00	39.53 0.54 -3.26	33.88 0.43 -0.70	33.02 0.45 -0.60	32.54 0.45 -0.03	34.40 0.54 -0.11	45.40 0.77 -6.34	42.84 0.95 -0.54	44.52 1.28 -1.92	50.23 1.32 -3.29	47.92 1.14 -1.16	54.57 1.04 -6.29	58.47 1.23 -8.19	64.06 1.43 -11.70	65.37 1.60 -10.59	70.04 1.94 -12.65	81.96 2.06 -17.53	85.04 2.96 -13.16	88.96 3.55 -9.87	84.65 3.96 -3.03	70.23 3.41 0.00	59.17 2.27 -0.03	51.01 1.05 0.00	45.58 0.40 -0.33
NEG CENTRAL___STATE_STREET 24147	39.69 0.16 0.00	36.29 -0.11 -0.66	32.77 -0.13 -0.14	31.96 -0.13 -0.12	31.94 -0.13 -0.01	33.64 -0.14 -0.02	39.46 -0.11 -1.29	41.29 -0.17 -0.11	42.26 0.04 -0.91	47.32 0.09 -1.62	47.00 0.05 -1.33	49.70 0.00 -2.46	52.16 0.05 -3.05	55.05 0.15 -3.96	57.23 0.21 -3.84	59.51 0.39 -3.67	67.01 0.37 -4.26	72.52 0.76 -2.85	79.20 0.98 -2.68	80.12 1.24 -1.22	68.09 1.27 0.00	57.49 0.63 -0.01	50.16 0.20 0.00	45.21 -0.04 -0.41
NEG MILLWOOD___DRP 24198	41.15 1.62 0.00	37.38 1.64 0.00	34.16 1.41 0.00	33.38 1.41 0.00	33.44 1.38 0.00	35.24 1.49 0.00	39.86 1.57 0.00	43.49 2.15 0.00	43.59 2.27 0.00	48.17 2.55 0.00	48.45 2.83 0.00	50.36 3.12 0.00	52.15 3.09 0.00	54.35 3.41 0.00	56.75 3.56 0.00	59.00 3.55 0.00	66.99 4.62 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.72 6.06 0.00	71.10 4.28 0.00	60.44 3.58 0.00	53.16 3.20 0.00	47.45 2.60 0.00
NEG NORTH_FLCN_SEA 23793	39.96 0.43 0.00	36.24 0.50 0.00	33.12 0.36 0.00	32.32 0.35 0.00	32.44 0.38 0.00	34.12 0.37 0.00	38.94 0.65 0.00	41.88 0.54 0.00	41.98 0.66 0.00	46.39 0.78 0.00	46.30 0.68 0.00	47.86 0.61 0.00	49.85 0.78 0.00	51.70 0.76 0.00	53.72 0.53 0.00	56.06 0.61 0.00	63.00 0.62 0.00	69.39 0.48 0.00	76.14 0.60 0.00	78.36 0.70 0.00	67.29 0.47 0.00	57.43 0.57 0.00	50.51 0.55 0.00	45.25 0.40 0.00
NEG NORTH_KES_CHATEGAY 23792	39.61 0.08 0.00	35.92 0.18 0.00	32.82 0.07 0.00	32.00 0.03 0.00	32.12 0.06 0.00	33.82 0.07 0.00	38.56 0.27 0.00	41.43 0.08 0.00	41.44 0.12 0.00	45.80 0.18 0.00	45.71 0.09 0.00	47.24 0.00 0.00	49.16 0.10 0.00	50.99 0.05 0.00	53.02 -0.16 0.00	55.29 -0.17 0.00	62.19 -0.19 0.00	68.50 -0.41 0.00	75.31 -0.23 0.00	77.58 -0.08 0.00	66.62 -0.20 0.00	56.92 0.06 0.00	50.01 0.05 0.00	44.85 0.00 0.00
NEG NORTH___ALICE_FALLS 23915	40.12 0.59 0.00	36.49 0.75 0.00	33.25 0.49 0.00	32.45 0.48 0.00	32.64 0.58 0.00	34.36 0.61 0.00	39.29 1.00 0.00	42.09 0.74 0.00	42.14 0.83 0.00	46.57 0.96 0.00	46.40 0.78 0.00	47.95 0.71 0.00	49.94 0.88 0.00	51.80 0.87 0.00	53.87 0.69 0.00	56.23 0.78 0.00	63.25 0.87 0.00	69.81 0.90 0.00	76.82 1.28 0.00	79.21 1.55 0.00	67.96 1.14 0.00	58.06 1.19 0.00	50.91 0.95 0.00	45.56 0.72 0.00
NEG NORTH___LWR_SARANAC 23913	40.12 0.59 0.00	36.49 0.75 0.00	33.25 0.49 0.00	32.45 0.48 0.00	32.64 0.58 0.00	34.36 0.61 0.00	39.29 1.00 0.00	42.09 0.74 0.00	42.14 0.83 0.00	46.57 0.96 0.00	46.40 0.78 0.00	47.95 0.71 0.00	49.94 0.88 0.00	51.80 0.87 0.00	53.87 0.69 0.00	56.23 0.78 0.00	63.25 0.87 0.00	69.81 0.90 0.00	76.82 1.28 0.00	79.21 1.55 0.00	67.96 1.14 0.00	58.06 1.19 0.00	50.91 0.95 0.00	45.56 0.72 0.00
NEG NORTH___PLATTSBURG 23628	40.32 0.79 0.00	36.49 0.75 0.00	33.25 0.49 0.00	32.45 0.48 0.00	32.64 0.58 0.00	34.36 0.61 0.00	39.29 0.99 0.00	42.09 0.74 0.00	42.14 0.83 0.00	46.58 0.96 0.00	46.40 0.77 0.00	47.95 0.71 0.00	49.89 0.83 0.00	51.80 0.87 0.00	53.87 0.69 0.00	56.23 0.78 0.00	63.25 0.87 0.00	69.80 0.89 0.00	76.82 1.28 0.00	79.21 1.55 0.00	67.96 1.13 0.00	58.11 1.25 0.00	50.91 0.95 0.00	45.56 0.72 0.00
NEG WEST_LEA_LOCKPORT 23791	36.41 -3.12 0.00	30.12 -3.36 2.26	29.21 -3.05 0.50	28.57 -2.97 0.42	28.87 -3.17 0.02	30.16 -3.51 0.08	30.37 -3.52 4.40	37.49 -3.47 0.38	37.31 -3.02 0.99	40.64 -3.33 1.65	42.07 -3.47 0.08	40.46 -3.21 3.57	41.03 -3.29 4.74	40.79 -3.11 7.04	43.95 -3.03 6.21	44.82 -2.61 8.03	47.60 -3.12 11.65	56.55 -3.38 8.98	65.19 -4.00 6.34	71.41 -4.58 1.67	63.55 -3.27 0.00	52.40 -4.44 0.02	45.87 -4.10 0.00	40.99 -3.86 0.00
NEG WEST___LANCASTR 23811	37.08 -2.45 0.00	31.80 -1.32 2.61	30.96 -1.21 0.58	30.32 -1.15 0.50	30.59 -1.44 0.02	32.44 -1.25 0.06	31.96 -1.26 5.07	39.90 -0.99 0.45	39.54 -0.62 1.15	43.22 -0.50 1.90	45.10 -0.46 0.06	42.81 -0.33 4.10	43.37 -0.25 5.44	42.82 0.00 8.11	46.24 0.21 7.15	46.87 0.67 9.25	49.75 0.81 13.43	59.76 1.24 10.39	70.80 0.76 5.49	76.38 0.23 1.51	65.29 -1.54 0.00	55.58 -1.25 0.03	46.87 -3.10 0.00	40.45 -4.39 0.00

NEG_PENN_ALLEGHNY 23528	39.53 0.00 0.00	36.13 0.00 -0.40	32.84 0.00 -0.08	32.04 0.00 -0.07	32.03 -0.03 0.00	33.76 0.00 -0.01	39.06 0.00 -0.77	41.58 0.17 -0.06	42.13 0.29 -0.52	46.91 0.36 -0.93	46.78 0.41 -0.75	49.10 0.42 -1.43	51.33 0.49 -1.78	53.81 0.56 -2.31	56.16 0.74 -2.24	58.50 0.88 -2.16	65.56 0.94 -2.24	71.78 1.38 -1.49	78.47 1.43 -1.51	79.90 1.55 -0.69	67.96 1.13 0.00	57.38 0.51 0.00	50.16 0.20 0.00	44.80 -0.27 -0.23
NEG___GEN_MONROE 24207	38.54 -0.99 0.00	33.44 -1.75 0.55	31.00 -1.64 0.12	30.27 -1.60 0.10	30.39 -1.67 0.00	31.94 -1.79 0.02	35.31 -1.91 1.06	39.52 -1.74 0.09	39.67 -1.40 0.24	43.71 -1.51 0.40	44.14 -1.46 0.02	45.10 -1.28 0.87	46.59 -1.32 1.15	48.01 -1.22 1.71	50.51 -1.17 1.50	52.73 -0.78 1.94	58.62 -0.94 2.82	65.90 -0.83 2.18	73.33 -0.68 1.53	76.44 -0.85 0.37	66.89 0.07 0.00	55.55 -1.31 0.00	48.76 -1.20 0.00	43.77 -1.08 0.00
NEPA___ENERGY 23901	37.12 -2.41 0.00	30.71 -2.32 2.71	30.03 -2.13 0.60	29.41 -2.05 0.51	29.86 -2.18 0.02	31.47 -2.19 0.08	30.70 -2.34 5.26	38.73 -2.15 0.46	38.30 -1.82 1.19	41.87 -1.78 1.97	43.80 -1.73 0.08	41.34 -1.65 4.25	41.85 -1.57 5.64	41.10 -1.43 8.41	44.55 -1.22 7.41	45.03 -0.83 9.59	47.70 -0.75 13.93	57.74 -0.41 10.76	68.37 -0.60 6.56	75.16 -0.78 1.72	66.09 -0.74 0.00	55.02 -1.82 0.03	47.42 -2.55 0.00	41.84 -3.00 0.00
NEVERSINK___HYD 23608	40.71 1.18 0.00	36.95 1.22 0.00	33.74 0.98 0.00	32.99 1.02 0.00	32.99 0.93 0.00	34.76 1.01 0.00	39.52 1.23 0.00	42.83 1.49 0.00	42.76 1.45 0.00	47.35 1.73 0.00	47.45 1.83 0.00	49.46 2.22 0.00	51.32 2.26 0.00	53.18 2.24 0.00	55.68 2.50 0.00	57.84 2.38 0.00	65.68 3.30 0.00	73.05 4.13 0.00	80.14 4.61 0.00	82.47 4.82 0.00	70.30 3.47 0.00	59.30 2.50 0.06	51.83 2.00 0.13	46.59 1.75 0.00
NEWKRMKL_115KV_TB1 55635	40.36 0.83 0.00	36.77 1.04 0.00	33.74 0.98 0.00	32.90 0.93 0.00	33.02 0.96 0.00	34.76 1.01 0.00	39.29 1.00 0.00	42.54 1.20 0.00	42.10 0.78 0.00	46.30 0.68 0.00	46.35 0.73 0.00	48.00 0.76 0.00	49.65 0.59 0.00	51.55 0.61 0.00	53.98 0.80 0.00	56.34 0.89 0.00	63.31 0.94 0.00	70.08 1.17 0.00	76.74 1.21 0.00	78.82 1.16 0.00	67.83 1.00 0.00	57.66 0.97 0.16	50.33 0.75 0.39	45.92 1.08 0.00
NEWTON___FALLS_HYD 23847	40.00 0.47 0.00	36.24 0.50 0.00	33.08 0.33 0.00	32.29 0.32 0.00	32.41 0.35 0.00	34.12 0.37 0.00	38.87 0.57 0.00	41.84 0.50 0.00	41.81 0.50 0.00	46.30 0.68 0.00	45.85 0.23 0.00	47.34 0.09 0.00	49.45 0.39 0.00	50.99 0.05 0.00	53.02 -0.16 0.00	54.90 -0.55 0.00	61.57 -0.81 0.00	68.15 -0.76 0.00	75.08 -0.45 0.00	77.81 0.16 0.00	66.96 0.13 0.00	57.32 0.45 0.00	50.26 0.30 0.00	45.29 0.45 0.00
NGRID_A1_DSASP 323792	36.29 -3.24 0.00	29.56 -3.90 2.28	28.71 -3.54 0.51	28.02 -3.52 0.43	28.32 -3.72 0.02	29.66 -4.02 0.08	29.50 -4.37 4.43	36.53 -4.42 0.39	36.38 -3.92 1.01	39.58 -4.38 1.66	41.21 -4.33 0.08	39.37 -4.30 3.58	39.90 -4.42 4.74	39.57 -4.28 7.09	42.68 -4.25 6.25	43.55 -3.83 8.08	46.03 -4.62 11.73	54.73 -5.03 9.15	63.62 -5.82 6.10	69.60 -6.52 1.54	62.48 -4.34 0.00	51.44 -5.40 0.02	45.22 -4.75 0.00	40.54 -4.31 0.00
NGRID_A2_DSASP 323793	36.29 -3.24 0.00	29.56 -3.90 2.28	28.71 -3.54 0.51	28.02 -3.52 0.43	28.32 -3.72 0.02	29.66 -4.02 0.08	29.50 -4.37 4.43	36.53 -4.42 0.39	36.38 -3.92 1.01	39.58 -4.38 1.66	41.21 -4.33 0.08	39.37 -4.30 3.58	39.90 -4.42 4.74	39.57 -4.28 7.09	42.68 -4.25 6.25	43.55 -3.83 8.08	46.03 -4.62 11.73	54.73 -5.03 9.15	63.62 -5.82 6.10	69.60 -6.52 1.54	62.48 -4.34 0.00	51.44 -5.40 0.02	45.22 -4.75 0.00	40.54 -4.31 0.00
NGRID_A4_DSASP 323807	36.29 -3.24 0.00	29.56 -3.90 2.28	28.71 -3.54 0.51	28.02 -3.52 0.43	28.32 -3.72 0.02	29.66 -4.02 0.08	29.50 -4.37 4.43	36.53 -4.42 0.39	36.38 -3.92 1.01	39.58 -4.38 1.66	41.21 -4.33 0.08	39.37 -4.30 3.58	39.90 -4.42 4.74	39.57 -4.28 7.09	42.68 -4.25 6.25	43.55 -3.83 8.08	46.03 -4.62 11.73	54.73 -5.03 9.15	63.62 -5.82 6.10	69.60 -6.52 1.54	62.48 -4.34 0.00	51.44 -5.40 0.02	45.22 -4.75 0.00	40.54 -4.31 0.00
NIAGARA_115E_LBMP 323715	35.66 -3.87 0.00	29.42 -4.04 2.28	28.59 -3.67 0.50	28.21 -3.33 0.43	28.38 -3.66 0.02	29.57 -4.08 0.09	29.81 -4.06 4.42	36.57 -4.38 0.39	36.84 -3.47 1.00	39.93 -4.01 1.67	41.29 -4.24 0.09	39.72 -3.92 3.60	40.35 -3.93 4.78	40.03 -3.82 7.08	43.22 -3.72 6.24	44.05 -3.33 8.08	47.05 -4.37 10.96	55.93 -4.41 8.57	63.62 -5.36 6.56	69.89 -6.06 1.71	61.95 -4.88 0.00	52.01 -4.83 0.02	45.52 -4.45 0.00	40.27 -4.57 0.00
NIAGARA_115W_LBMP 323714	36.21 -3.32 0.00	29.28 -4.18 2.28	28.45 -3.80 0.50	27.99 -3.55 0.43	28.26 -3.78 0.02	29.62 -4.05 0.08	29.43 -4.44 4.42	36.70 -4.26 0.39	36.43 -3.89 1.00	39.49 -4.47 1.66	41.12 -4.42 0.08	39.22 -4.44 3.58	39.70 -4.61 4.75	39.47 -4.38 7.08	42.63 -4.31 6.24	43.49 -3.88 8.08	46.31 -5.11 10.96	55.26 -5.10 8.55	63.79 -5.97 5.78	69.44 -6.68 1.54	62.21 -4.61 0.00	52.24 -4.60 0.02	45.82 -4.15 0.00	40.63 -4.22 0.00
NIAGARA_230_LBMP 323716	36.29 -3.24 0.00	29.73 -3.75 2.26	28.87 -3.41 0.48	28.20 -3.36 0.41	28.64 -3.40 0.02	30.00 -3.68 0.07	29.83 -4.06 4.40	37.13 -3.84 0.37	36.82 -3.51 0.98	40.00 -3.97 1.65	41.62 -3.92 0.07	39.79 -3.87 3.58	40.33 -3.97 4.76	40.00 -3.87 7.06	43.18 -3.77 6.22	44.01 -3.38 8.06	47.01 -4.43 10.94	56.15 -4.21 8.55	64.09 -4.91 6.54	70.38 -5.59 1.69	62.95 -3.88 0.00	52.80 -4.04 0.02	46.27 -3.70 0.00	41.03 -3.81 0.00
NIAGARA___115KV_198_GIBSON 55903	36.25 -3.28 0.00	29.53 -3.93 2.28	28.68 -3.57 0.50	27.99 -3.55 0.43	28.26 -3.78 0.02	29.59 -4.08 0.08	29.46 -4.40 4.42	36.45 -4.51 0.39	36.35 -3.97 1.00	39.49 -4.47 1.66	41.12 -4.43 0.08	39.27 -4.39 3.58	39.80 -4.51 4.75	39.52 -4.33 7.08	42.63 -4.31 6.24	43.44 -3.94 8.08	45.91 -4.74 11.73	54.59 -5.17 9.15	63.38 -5.97 6.19	69.42 -6.68 1.56	62.35 -4.48 0.00	51.32 -5.52 0.02	45.12 -4.85 0.00	40.50 -4.35 0.00
NIAGARA____ 23760	36.29 -3.24 0.00	29.72 -3.75 2.26	28.86 -3.41 0.49	28.20 -3.36 0.42	28.64 -3.40 0.02	29.99 -3.68 0.09	29.82 -4.06 4.41	37.12 -3.84 0.38	36.81 -3.51 0.99	39.99 -3.97 1.65	41.62 -3.92 0.08	39.78 -3.87 3.59	40.33 -3.97 4.76	39.99 -3.87 7.07	43.18 -3.77 6.23	44.01 -3.38 8.06	47.01 -4.43 10.94	56.15 -4.21 8.56	64.23 -4.91 6.40	70.40 -5.59 1.67	62.95 -3.88 0.00	52.80 -4.04 0.02	46.27 -3.70 0.00	41.03 -3.81 0.00
NINE_MILE_1 23575	38.42 -1.11 0.00	34.59 -1.14 0.00	31.71 -1.05 0.00	30.94 -1.02 0.00	31.03 -1.03 0.00	32.67 -1.08 0.00	37.03 -1.26 0.00	39.94 -1.41 0.00	34.76 -1.36 5.20	34.47 -1.60 9.55	33.00 -1.60 11.02	33.67 -1.65 11.91	33.38 -1.67 14.02	33.20 -1.73 16.01	34.39 -1.75 17.04	42.56 -1.78 11.11	53.21 -2.06 7.11	64.95 -2.14 1.82	66.13 -2.34 7.06	69.13 -2.41 6.12	64.88 -1.94 0.00	55.10 -1.76 0.00	48.36 -1.60 0.00	39.85 -1.57 3.43

NINE_MILE_2 23744	38.42 -1.11 0.00	34.59 -1.14 0.00	31.71 -1.05 0.00	30.94 -1.02 0.00	31.03 -1.03 0.00	32.67 -1.08 0.00	37.03 -1.26 0.00	39.94 -1.41 0.00	34.68 -1.36 5.27	34.37 -1.55 9.69	32.84 -1.60 11.19	33.49 -1.65 12.09	33.16 -1.67 14.23	32.95 -1.73 16.25	34.14 -1.75 17.29	42.40 -1.78 11.28	53.11 -2.06 7.21	64.93 -2.14 1.85	66.03 -2.34 7.17	69.03 -2.41 6.22	64.88 -1.94 0.00	55.10 -1.76 0.00	48.36 -1.60 0.00	39.79 -1.57 3.48
NM_CAPITAL___DRP 24208	40.44 0.91 0.00	36.81 1.07 0.00	33.77 1.02 0.00	32.96 0.99 0.00	33.05 0.99 0.00	34.83 1.08 0.00	39.33 1.03 0.00	42.58 1.24 0.00	42.22 0.91 0.00	46.44 0.82 0.00	46.49 0.87 0.00	48.09 0.85 0.00	49.80 0.74 0.00	51.75 0.81 0.00	54.19 1.01 0.00	56.51 1.05 0.00	63.56 1.19 0.00	70.36 1.45 0.00	76.97 1.44 0.00	79.06 1.40 0.00	68.03 1.20 0.00	58.78 1.19 -0.72	52.62 0.95 -1.71	46.01 1.17 0.00
NM_CENTRAL___DRP 24181	39.21 -0.32 0.00	35.27 -0.46 0.00	32.30 -0.46 0.00	31.55 -0.42 0.00	31.61 -0.45 0.00	33.28 -0.47 0.00	37.76 -0.54 0.00	40.72 -0.62 0.00	41.06 -0.45 -0.20	45.58 -0.41 -0.37	45.64 -0.41 -0.43	47.23 -0.47 -0.46	49.16 -0.44 -0.55	51.15 -0.41 -0.62	53.42 -0.43 -0.66	55.50 -0.39 -0.43	62.16 -0.50 -0.28	68.57 -0.41 -0.07	75.36 -0.45 -0.27	77.51 -0.39 -0.24	66.62 -0.20 0.00	56.41 -0.45 0.00	49.46 -0.50 0.00	44.40 -0.58 -0.13
NM_FRONTIER___DRP 24179	36.25 -3.28 0.00	29.53 -3.93 2.28	28.68 -3.57 0.50	27.99 -3.55 0.43	28.26 -3.78 0.02	29.59 -4.08 0.08	29.46 -4.40 4.42	36.45 -4.51 0.39	36.35 -3.97 1.00	39.49 -4.47 1.66	41.12 -4.43 0.08	39.27 -4.39 3.58	39.80 -4.51 4.75	39.52 -4.33 7.08	42.63 -4.31 6.24	43.44 -3.94 8.08	45.91 -4.74 11.73	54.59 -5.17 9.15	63.38 -5.97 6.19	69.42 -6.68 1.56	62.35 -4.48 0.00	51.32 -5.52 0.02	45.12 -4.85 0.00	40.50 -4.35 0.00
NM_ST_REGIS___HYD 24053	39.53 0.00 0.00	35.95 0.21 0.00	32.82 0.07 0.00	32.03 0.06 0.00	32.16 0.10 0.00	33.85 0.10 0.00	38.64 0.34 0.00	41.59 0.25 0.00	41.56 0.25 0.00	45.94 0.32 0.00	45.67 0.05 0.00	47.15 -0.09 0.00	49.16 0.10 0.00	50.89 -0.05 0.00	52.55 -0.64 0.00	54.51 -0.94 0.00	61.13 -1.25 0.00	67.40 -1.52 0.00	74.18 -1.36 0.00	76.49 -1.16 0.00	65.76 -1.07 0.00	56.35 -0.51 0.00	49.71 -0.25 0.00	44.76 -0.09 0.00
NORTHPORT___1 23551	41.62 2.09 0.00	37.49 1.75 0.00	34.13 1.38 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.40 1.65 0.00	40.09 1.80 0.00	43.66 2.31 0.00	43.05 1.73 0.00	47.12 1.50 0.00	47.72 2.10 0.00	49.70 2.46 0.00	50.78 1.72 0.00	52.51 1.58 0.01	54.83 1.65 0.00	56.56 1.11 0.01	64.37 2.00 0.00	71.32 2.41 0.00	80.51 2.57 -2.41	81.83 2.64 -1.53	72.00 1.73 -3.44	59.20 0.80 -1.54	50.01 0.05 0.00	47.09 2.24 0.00
NORTHPORT___2 23552	41.62 2.09 0.00	37.49 1.75 0.00	34.13 1.38 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.40 1.65 0.00	40.09 1.80 0.00	43.66 2.31 0.00	43.05 1.73 0.00	47.12 1.50 0.00	47.72 2.10 0.00	49.70 2.46 0.00	50.78 1.72 0.00	52.51 1.58 0.01	54.83 1.65 0.00	56.56 1.11 0.01	64.37 2.00 0.00	71.32 2.41 0.00	70.69 2.57 7.41	75.60 2.64 4.70	57.97 1.73 10.59	52.90 0.80 4.76	50.01 0.05 0.00	47.09 2.24 0.00
NORTHPORT___3 23553	41.58 2.05 0.00	37.45 1.72 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.34 1.59 0.00	40.02 1.72 0.00	43.53 2.19 0.00	42.97 1.65 0.00	47.03 1.42 0.00	47.63 2.01 0.00	49.60 2.36 0.00	50.68 1.62 0.00	52.41 1.48 0.01	54.73 1.54 0.00	56.45 1.00 0.01	64.31 1.94 0.00	71.26 2.34 0.00	73.58 2.49 4.44	77.40 2.56 2.81	62.28 1.67 6.22	54.75 0.68 2.79	49.91 -0.05 0.00	47.04 2.20 0.00
NORTHPORT___4 23650	41.58 2.05 0.00	37.45 1.72 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.34 1.59 0.00	40.02 1.72 0.00	43.53 2.19 0.00	42.97 1.65 0.00	47.03 1.42 0.00	47.63 2.01 0.00	49.60 2.36 0.00	50.68 1.62 0.00	52.41 1.48 0.01	54.73 1.54 0.00	56.45 1.00 0.01	64.31 1.94 0.00	71.26 2.34 0.00	73.58 2.49 4.44	77.40 2.56 2.81	62.28 1.67 6.22	54.75 0.68 2.79	49.91 -0.05 0.00	47.04 2.20 0.00
NORTHPORT___IC 23718	41.27 1.74 0.00	37.35 1.61 0.00	34.13 1.38 0.00	33.25 1.28 0.00	33.28 1.22 0.00	35.34 1.59 0.00	39.71 1.42 0.00	43.41 2.07 0.00	43.38 2.07 0.00	47.17 1.55 0.00	47.81 2.19 0.00	49.42 2.17 0.00	50.78 1.72 0.00	52.76 1.83 0.01	55.20 2.02 0.00	57.28 1.83 0.01	64.87 2.50 0.00	72.29 3.38 0.00	71.97 3.85 7.41	76.38 3.42 4.70	58.44 2.21 10.59	54.38 2.27 4.76	53.01 3.05 0.00	47.72 2.87 0.00
NORTH___COUNTRY_ESR 323785	39.61 0.08 0.00	35.84 0.11 0.00	32.76 0.00 0.00	31.97 0.00 0.00	32.06 0.00 0.00	33.75 0.00 0.00	38.45 0.15 0.00	41.39 0.04 0.00	41.44 0.12 0.00	45.85 0.23 0.00	45.76 0.14 0.00	47.34 0.09 0.00	49.21 0.15 0.00	51.04 0.10 0.00	53.08 -0.11 0.00	55.34 -0.11 0.00	62.19 -0.19 0.00	68.50 -0.41 0.00	75.16 -0.38 0.00	77.35 -0.31 0.00	66.49 -0.33 0.00	56.80 -0.06 0.00	49.91 -0.05 0.00	44.71 -0.13 0.00
NPX_GEN_1385_PROXY 323591	42.06 2.53 0.00	37.70 1.96 0.00	34.33 1.57 0.00	33.50 1.53 0.00	33.54 1.48 0.00	35.81 2.06 0.00	40.51 2.22 0.00	44.16 2.81 0.00	43.30 1.98 0.00	47.17 1.55 0.00	47.99 2.37 0.00	49.84 2.60 0.00	51.22 2.16 0.00	53.12 2.19 0.01	55.47 2.29 0.00	57.17 1.72 0.01	65.06 2.68 0.00	71.74 2.83 0.00	78.48 2.94 0.00	80.68 3.03 0.00	69.43 2.60 0.00	59.39 2.04 -0.48	50.48 1.00 0.48	47.31 2.46 0.00
NPX_GEN_CSC 323557	42.18 2.65 0.00	37.95 2.22 0.00	34.56 1.80 0.00	33.69 1.73 0.00	33.73 1.67 0.00	35.81 2.06 0.00	40.59 2.30 0.00	44.28 2.94 0.00	43.50 2.19 0.00	47.21 1.60 0.00	47.54 1.92 0.00	49.65 2.41 0.00	50.78 1.72 0.00	52.61 1.68 0.01	55.52 2.34 0.00	57.44 1.99 0.01	65.19 2.81 0.00	72.36 3.44 0.00	81.67 3.63 -2.51	83.75 4.50 -1.59	72.66 3.81 -2.03	60.30 2.04 -1.39	49.98 0.50 0.48	47.22 2.38 0.00
NSINS_S_GLNS_FALLS 23858	42.26 2.73 0.00	38.31 2.57 0.00	35.08 2.33 0.00	34.14 2.17 0.00	34.30 2.24 0.00	36.18 2.43 0.00	40.97 2.68 0.00	44.24 2.89 0.00	43.96 2.64 0.00	48.45 2.83 0.00	48.45 2.83 0.00	50.22 2.98 0.00	52.05 2.99 0.00	53.08 2.14 0.00	55.68 2.50 0.00	58.23 2.77 0.00	64.75 2.37 0.00	71.87 2.96 0.00	78.63 3.10 0.00	81.08 3.42 0.00	69.90 3.07 0.00	60.08 2.62 -0.60	53.83 2.45 -1.42	48.12 3.27 0.00
NUCOR_STEEL___DRP 24197	39.69 0.16 0.00	36.02 -0.07 -0.35	32.73 -0.10 -0.08	31.97 -0.06 -0.06	32.00 -0.06 0.00	33.66 -0.10 -0.01	38.86 -0.11 -0.68	41.24 -0.17 -0.06	42.10 0.00 -0.78	47.03 0.00 -1.41	46.92 -0.05 -1.35	49.15 -0.09 -2.00	51.45 -0.05 -2.43	53.97 0.00 -3.03	56.26 0.05 -3.03	58.21 0.17 -2.59	65.24 0.19 -2.68	71.01 0.48 -1.62	78.05 0.68 -1.84	79.52 0.85 -1.00	67.83 1.00 0.00	57.32 0.45 0.00	50.11 0.15 0.00	45.22 -0.04 -0.42

NUMBER_THREE_WT_PWR 323818	40.63 1.11 0.00	36.66 0.93 0.00	33.51 0.75 0.00	32.67 0.70 0.00	32.76 0.70 0.00	34.53 0.78 0.00	39.33 1.03 0.00	42.21 0.87 0.00	42.14 0.83 0.00	46.76 1.14 0.00	46.26 0.64 0.00	47.76 0.52 0.00	49.99 0.93 0.00	51.39 0.46 0.00	53.93 0.74 0.00	56.01 0.55 0.00	62.75 0.38 0.00	69.67 0.76 0.00	76.82 1.28 0.00	79.67 2.02 0.00	68.50 1.67 0.00	58.57 1.70 0.00	51.01 1.05 0.00	45.97 1.12 0.00
NYISO_LBMP_REFERENCE 24008	39.53 0.00 0.00	35.74 0.00 0.00	32.76 0.00 0.00	31.97 0.00 0.00	32.06 0.00 0.00	33.75 0.00 0.00	38.29 0.00 0.00	41.34 0.00 0.00	41.31 0.00 0.00	45.62 0.00 0.00	45.62 0.00 0.00	47.24 0.00 0.00	49.06 0.00 0.00	50.94 0.00 0.00	53.18 0.00 0.00	55.45 0.00 0.00	62.38 0.00 0.00	68.91 0.00 0.00	75.54 0.00 0.00	77.66 0.00 0.00	66.82 0.00 0.00	56.86 0.00 0.00	49.96 0.00 0.00	44.85 0.00 0.00
NYPA_BRENTWD____GT 24164	42.14 2.61 0.00	37.95 2.22 0.00	34.56 1.80 0.00	33.69 1.73 0.00	33.73 1.67 0.00	35.81 2.06 0.00	40.63 2.34 0.00	44.24 2.89 0.00	43.67 2.35 0.00	47.76 2.14 0.00	48.36 2.74 0.00	50.46 3.21 0.00	51.61 2.55 0.00	53.48 2.55 0.01	55.95 2.76 0.00	57.83 2.38 0.01	65.56 3.18 0.00	72.70 3.79 0.00	80.99 4.00 -1.45	82.93 4.35 -0.92	71.87 3.21 -1.84	59.79 2.11 -0.83	51.01 1.05 0.00	47.67 2.83 0.00
NYPA_GOWANUS____GT5 24156	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.85 3.78 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	82.03 6.50 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
NYPA_GOWANUS____GT6 24157	41.39 1.86 -0.01	37.59 1.86 0.00	34.30 1.54 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.13 1.84 0.00	43.62 2.27 0.00	43.54 2.23 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.93 3.69 0.00	52.85 3.78 -0.01	54.71 3.77 -0.01	57.06 3.88 0.00	59.06 3.60 0.00	67.43 5.05 0.00	74.84 5.93 0.00	82.03 6.50 0.00	84.10 6.44 0.00	71.50 4.68 0.00	60.16 3.30 0.00	52.97 3.00 -0.01	47.73 2.87 -0.01
NYPA_HARLEM__RVR__GT1 24160	41.15 1.62 0.00	37.35 1.61 0.00	34.16 1.41 0.00	33.63 1.66 0.00	33.63 1.57 0.00	34.92 1.18 0.01	39.78 1.49 0.01	43.28 1.94 0.01	43.21 1.90 0.01	48.07 2.46 0.01	48.35 2.74 0.01	50.45 3.21 0.01	52.29 3.24 0.01	54.19 3.26 0.01	56.47 3.30 0.01	58.55 3.10 0.01	66.73 4.36 0.01	74.07 5.17 0.01	81.12 5.59 0.01	83.16 5.51 0.01	70.76 3.94 0.01	59.47 2.62 0.01	52.46 2.50 0.00	47.45 2.60 0.00
NYPA_HARLEM__RVR__GT2 24161	41.15 1.62 0.00	37.35 1.61 0.00	34.16 1.41 0.00	33.63 1.66 0.00	33.63 1.57 0.00	34.92 1.18 0.01	39.78 1.49 0.01	43.28 1.94 0.01	43.21 1.90 0.01	48.07 2.46 0.01	48.35 2.74 0.01	50.45 3.21 0.01	52.29 3.24 0.01	54.19 3.26 0.01	56.47 3.30 0.01	58.55 3.10 0.01	66.73 4.36 0.01	74.07 5.17 0.01	81.12 5.59 0.01	83.16 5.51 0.01	70.76 3.94 0.01	59.47 2.62 0.01	52.46 2.50 0.00	47.45 2.60 0.00
NYPA_KENT____GT 24152	41.27 1.74 0.00	37.49 1.75 0.00	34.23 1.48 0.00	33.57 1.60 0.00	33.57 1.51 0.00	35.17 1.42 0.00	40.09 1.80 0.00	43.58 2.23 0.00	43.50 2.19 0.00	48.40 2.78 0.00	48.68 3.06 0.00	50.79 3.54 0.00	52.69 3.63 0.00	54.61 3.67 -0.01	56.90 3.72 0.00	59.01 3.55 0.00	67.30 4.93 0.00	74.70 5.79 0.00	81.80 6.27 0.00	83.87 6.21 0.00	71.37 4.55 0.00	59.99 3.13 0.00	52.81 2.85 0.00	47.59 2.74 0.00
NYPA_POUCH1____GT 24155	41.39 1.86 -0.01	37.63 1.89 0.00	34.33 1.57 0.00	33.63 1.66 0.00	33.63 1.57 0.00	35.20 1.45 0.00	40.09 1.80 0.00	43.58 2.23 0.00	43.46 2.15 0.00	48.45 2.83 0.00	48.68 3.06 0.00	50.83 3.59 0.00	52.80 3.73 -0.01	54.61 3.67 -0.01	56.90 3.72 0.00	58.65 3.33 0.13	66.89 4.80 0.29	74.23 5.65 0.33	79.75 6.20 1.98	83.48 6.13 0.31	71.23 4.41 0.00	60.04 3.18 0.00	52.92 2.95 -0.01	47.68 2.83 -0.01
NYPA_VERNON____GT2 24162	41.15 1.62 0.00	37.42 1.68 0.00	34.16 1.41 0.00	33.50 1.53 0.00	33.54 1.48 0.00	35.14 1.38 0.00	40.02 1.72 0.00	43.53 2.19 0.00	43.42 2.11 0.00	48.31 2.69 0.00	48.58 2.96 0.00	50.65 3.40 0.00	52.54 3.48 0.00	54.46 3.51 -0.01	56.80 3.62 0.00	58.89 3.44 0.00	67.12 4.74 0.00	74.49 5.58 0.00	81.58 6.05 0.00	83.64 5.98 0.00	71.17 4.34 0.00	59.82 2.95 0.00	52.66 2.70 0.00	47.45 2.60 0.00
NYPA_VERNON____GT3 24163	41.15 1.62 0.00	37.42 1.68 0.00	34.16 1.41 0.00	33.50 1.53 0.00	33.54 1.48 0.00	35.14 1.38 0.00	40.02 1.72 0.00	43.53 2.19 0.00	43.42 2.11 0.00	48.31 2.69 0.00	48.58 2.96 0.00	50.65 3.40 0.00	52.54 3.48 0.00	54.46 3.51 -0.01	56.80 3.62 0.00	58.89 3.44 0.00	67.12 4.74 0.00	74.49 5.58 0.00	81.58 6.05 0.00	83.64 5.98 0.00	71.17 4.34 0.00	59.82 2.95 0.00	52.66 2.70 0.00	47.45 2.60 0.00
NYPA__ASTORIA_CC1 323568	41.11 1.58 0.00	37.38 1.64 0.00	34.13 1.38 0.00	33.47 1.50 0.00	33.50 1.44 0.00	35.07 1.31 0.00	39.98 1.68 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.26 2.64 0.00	48.50 2.88 0.00	50.60 3.35 0.00	52.44 3.38 0.00	54.36 3.41 -0.01	56.69 3.51 0.00	58.78 3.33 0.00	66.99 4.62 0.00	74.35 5.44 0.00	81.43 5.90 0.00	83.49 5.83 0.00	71.04 4.21 0.00	59.76 2.90 0.00	52.56 2.60 0.00	47.40 2.55 0.00
NYPA__ASTORIA_CC2 323569	41.11 1.58 0.00	37.38 1.64 0.00	34.13 1.38 0.00	33.47 1.50 0.00	33.50 1.44 0.00	35.07 1.31 0.00	39.98 1.68 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.26 2.64 0.00	48.50 2.88 0.00	50.60 3.35 0.00	52.44 3.38 0.00	54.36 3.41 -0.01	56.69 3.51 0.00	58.78 3.33 0.00	66.99 4.62 0.00	74.35 5.44 0.00	81.43 5.90 0.00	83.49 5.83 0.00	71.04 4.21 0.00	59.76 2.90 0.00	52.56 2.60 0.00	47.40 2.55 0.00
NYPA__HOLTSVILL 23794	41.98 2.45 0.00	37.81 2.07 0.00	34.39 1.64 0.00	33.57 1.60 0.00	33.60 1.54 0.00	35.67 1.92 0.00	40.44 2.14 0.00	44.03 2.69 0.00	43.46 2.15 0.00	47.35 1.73 0.00	47.86 2.23 0.00	49.93 2.69 0.00	51.07 2.01 0.00	52.91 1.98 0.01	55.47 2.29 0.00	57.33 1.89 0.01	65.12 2.74 0.00	72.22 3.31 0.00	81.44 3.40 -2.51	83.20 3.96 -1.59	72.01 3.08 -2.11	59.51 1.70 -0.95	50.57 0.60 0.00	47.27 2.42 0.00
NYPA__HELLGATE_GT1 24158	41.15 1.62 0.00	37.35 1.61 0.00	34.16 1.41 0.00	33.63 1.66 0.00	33.63 1.57 0.00	34.92 1.18 0.01	39.78 1.49 0.01	43.28 1.94 0.01	43.21 1.90 0.01	48.07 2.46 0.01	48.35 2.74 0.01	50.45 3.21 0.01	52.29 3.24 0.01	54.19 3.26 0.01	56.47 3.30 0.01	58.55 3.10 0.01	66.73 4.36 0.01	74.07 5.17 0.01	81.12 5.59 0.01	83.16 5.51 0.01	70.76 3.94 0.01	59.47 2.62 0.01	52.46 2.50 0.00	47.45 2.60 0.00

NYPY____HELLGATE_GT2 24159	41.15	37.35	34.16	33.63	33.63	34.92	39.78	43.28	43.21	48.07	48.35	50.45	52.29	54.19	56.47	58.55	66.73	74.07	81.12	83.16	70.76	59.47	52.46	47.45
	1.62	1.61	1.41	1.66	1.57	1.18	1.49	1.94	1.90	2.46	2.74	3.21	3.24	3.26	3.30	3.10	4.36	5.17	5.59	5.51	3.94	2.62	2.50	2.60
	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
NYS_BARGE____HYD 23848	36.36	30.15	29.14	28.66	28.87	30.20	30.64	37.43	37.53	40.78	42.12	40.72	41.42	41.28	44.44	45.43	48.65	57.74	65.89	71.60	63.42	53.20	46.52	41.12
	-3.16	-3.47	-3.14	-2.91	-3.17	-3.48	-3.52	-3.56	-2.85	-3.28	-3.42	-3.16	-3.19	-3.05	-2.93	-2.49	-3.49	-3.24	-3.93	-4.51	-3.41	-3.64	-3.45	-3.72
	0.00	2.12	0.47	0.40	0.02	0.08	4.13	0.36	0.93	1.55	0.08	3.35	4.45	6.61	5.82	7.53	10.23	7.93	5.72	1.55	0.00	0.02	0.00	0.00
OAK ORCHARD____HYD 24046	38.38	33.37	30.95	30.19	30.36	31.88	35.31	39.57	39.70	43.72	44.10	45.03	46.60	48.05	50.57	52.84	59.02	66.29	73.33	76.02	66.43	56.06	48.91	43.64
	-1.15	-1.90	-1.70	-1.70	-1.70	-1.86	-2.07	-1.70	-1.40	-1.55	-1.50	-1.46	-1.47	-1.43	-1.33	-0.94	-1.31	-1.03	-1.06	-1.32	-0.40	-0.80	-1.05	-1.21
	0.00	0.47	0.10	0.09	0.00	0.02	0.91	0.08	0.21	0.34	0.02	0.74	0.99	1.46	1.29	1.67	2.05	1.59	1.15	0.32	0.00	0.00	0.00	0.00
OAKDALE____35_KV_LOAD 356122	39.33	35.98	32.68	31.88	31.87	33.60	38.88	41.29	41.88	46.64	46.49	48.83	51.06	53.60	55.88	58.17	65.57	71.60	78.15	79.29	67.56	57.09	49.71	44.53
	-0.20	-0.18	-0.16	-0.16	-0.19	-0.17	-0.23	-0.12	0.04	0.09	0.14	0.14	0.20	0.31	0.43	0.50	0.56	0.90	0.91	0.93	0.74	0.23	-0.25	-0.54
	0.00	-0.42	-0.09	-0.08	0.00	-0.01	-0.82	-0.07	-0.52	-0.93	-0.73	-1.45	-1.80	-2.36	-2.27	-2.22	-2.63	-1.79	-1.71	-0.70	0.00	0.00	0.00	-0.22
OCC_CHEM____DRP 24175	36.29	29.56	28.71	28.02	28.32	29.66	29.50	36.53	36.38	39.58	41.21	39.37	39.90	39.57	42.68	43.55	46.03	54.73	63.62	69.60	62.48	51.44	45.22	40.54
	-3.24	-3.90	-3.54	-3.52	-3.72	-4.02	-4.37	-4.42	-3.92	-4.38	-4.33	-4.30	-4.42	-4.28	-4.25	-3.83	-4.62	-5.03	-5.82	-6.52	-4.34	-5.40	-4.75	-4.31
	0.00	2.28	0.51	0.43	0.02	0.08	4.43	0.39	1.01	1.66	0.08	3.58	4.74	7.09	6.25	8.08	11.73	9.15	6.10	1.54	0.00	0.02	0.00	0.00
OH_GEN_PROXY 24063	36.36	30.00	28.97	26.64	28.71	29.01	30.30	37.28	36.99	40.24	41.72	40.20	40.90	40.74	43.90	44.85	48.36	57.51	65.62	70.84	63.15	53.46	45.88	41.08
	-3.16	-3.68	-3.34	-3.29	-3.33	-3.61	-3.98	-3.72	-3.43	-3.88	-3.83	-3.78	-3.83	-3.77	-3.62	-3.27	-4.18	-3.93	-4.61	-5.28	-3.68	-3.87	-3.60	-3.77
	0.00	2.06	0.44	2.04	0.02	1.13	4.01	0.34	0.90	1.50	0.07	3.26	4.33	6.43	5.66	7.33	9.84	7.48	5.31	1.53	0.00	-0.46	0.48	0.00
OLIN_CORP_DRP 24177	35.77	29.67	28.83	28.20	28.42	29.60	29.82	36.94	36.74	39.96	41.32	39.77	40.30	40.04	43.18	43.94	46.57	55.29	63.08	69.98	62.28	51.32	44.97	40.27
	-3.76	-3.75	-3.41	-3.32	-3.62	-4.05	-3.98	-4.01	-3.55	-3.97	-4.20	-3.83	-3.92	-3.72	-3.67	-3.33	-3.93	-4.34	-5.21	-5.90	-4.54	-5.52	-5.00	-4.57
	0.00	2.31	0.52	0.44	0.02	0.10	4.49	0.40	1.02	1.69	0.10	3.64	4.84	7.18	6.33	8.18	11.88	9.28	7.24	1.78	0.00	0.02	0.00	0.00
OLIN_CORP_DSASP 323712	36.29	29.56	28.71	28.02	28.32	29.66	29.50	36.53	36.38	39.58	41.21	39.37	39.90	39.57	42.68	43.55	46.03	54.73	63.62	69.60	62.48	51.44	45.22	40.54
	-3.24	-3.90	-3.54	-3.52	-3.72	-4.02	-4.37	-4.42	-3.92	-4.38	-4.33	-4.30	-4.42	-4.28	-4.25	-3.83	-4.62	-5.03	-5.82	-6.52	-4.34	-5.40	-4.75	-4.31
	0.00	2.28	0.51	0.43	0.02	0.08	4.43	0.39	1.01	1.66	0.08	3.58	4.74	7.09	6.25	8.08	11.73	9.15	6.10	1.54	0.00	0.02	0.00	0.00
ONEIDA_HERK_LFGE 323681	40.44	36.52	33.44	32.61	32.67	34.43	39.13	42.21	42.18	46.71	46.44	48.04	50.09	51.75	54.25	56.34	63.19	70.08	77.05	79.60	68.43	58.34	51.01	45.88
	0.91	0.79	0.69	0.64	0.61	0.67	0.84	0.87	0.87	1.09	0.82	0.80	1.03	0.81	1.06	0.88	0.81	1.17	1.51	1.94	1.60	1.48	1.05	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA____115KV_TB4 55905	40.44	36.49	33.41	32.61	32.67	34.43	39.10	42.21	42.22	46.71	46.58	48.19	50.19	51.96	54.41	56.56	63.50	70.43	77.35	79.91	68.76	58.45	51.16	45.83
	0.91	0.75	0.66	0.64	0.61	0.68	0.80	0.87	0.91	1.09	0.96	0.94	1.13	1.02	1.22	1.11	1.12	1.52	1.81	2.25	1.94	1.59	1.20	0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONONDAGA_REF_OCCRA 23987	39.41	35.42	32.46	31.68	31.77	33.41	37.95	40.93	41.41	46.01	46.11	47.74	49.73	51.78	54.14	56.07	62.66	69.03	76.00	78.14	67.02	56.75	49.71	44.67
	-0.12	-0.32	-0.29	-0.29	-0.29	-0.34	-0.34	-0.41	-0.25	-0.23	-0.23	-0.28	-0.25	-0.20	-0.16	-0.11	-0.19	0.00	0.00	0.08	0.20	-0.11	-0.25	-0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.34	-0.63	-0.72	-0.78	-0.92	-1.05	-1.12	-0.73	-0.47	-0.12	-0.46	-0.40	0.00	0.00	0.00	-0.22
ONONDAGA____COGEN 23986	39.61	35.59	32.62	31.84	31.93	33.58	38.10	41.10	41.78	46.58	46.74	48.41	50.49	52.63	55.04	56.68	63.13	69.31	76.58	78.69	67.36	56.97	49.96	45.03
	0.08	-0.14	-0.13	-0.13	-0.13	-0.17	-0.19	-0.25	-0.08	-0.05	-0.05	-0.09	-0.05	0.00	0.05	0.06	0.00	0.21	0.30	0.39	0.53	0.11	0.00	-0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.55	-1.01	-1.16	-1.26	-1.48	-1.69	-1.80	-1.17	-0.75	-0.19	-0.75	-0.65	0.00	0.00	0.00	-0.36
ONTARIO____LFGE 23819	40.40	39.56	33.92	33.01	32.54	34.40	45.44	42.96	44.56	50.23	47.93	54.57	58.47	64.01	65.42	70.04	81.13	84.51	88.61	84.73	70.23	59.11	51.26	45.63
	0.87	0.57	0.46	0.45	0.45	0.54	0.81	1.07	1.32	1.32	1.14	1.04	1.23	1.38	1.65	1.94	2.00	3.03	3.63	4.04	3.41	2.22	1.30	0.45
	0.00	-3.26	-0.70	-0.60	-0.03	-0.11	-6.34	-0.54	-1.92	-3.29	-1.16	-6.29	-8.19	-11.70	-10.59	-12.65	-16.75	-12.57	-9.44	-3.04	0.00	-0.03	0.00	-0.33
ORANGEVILLE_WT_PWR 323706	37.39	25.55	28.85	28.37	29.75	31.27	20.63	37.83	35.97	37.75	43.13	32.48	30.23	24.10	29.31	25.47	19.42	35.65	52.14	69.25	65.02	54.50	47.62	41.93
	-2.14	-2.32	-2.19	-2.14	-2.25	-2.23	-2.37	-2.19	-1.90	-2.14	-2.23	-2.36	-2.35	-2.34	-2.29	-2.05	-2.81	-2.34	-2.42	-2.49	-1.80	-2.28	-2.35	-2.91
	0.00	7.86	1.71	1.46	0.07	0.26	15.29	1.32	3.45	5.73	0.26	12.40	16.47	24.50	21.59	27.93	40.15	30.92	20.98	5.92	0.00	0.08	0.00	0.00
ORANGEVILLE____ESR 323794	37.39	25.55	28.85	28.37	29.75	31.27	20.63	37.83	35.97	37.75	43.13	32.48	30.23	24.10	29.31	25.47	19.42	35.65	52.14	69.25	65.02	54.50	47.62	41.93
	-2.14	-2.32	-2.19	-2.14	-2.25	-2.23	-2.37	-2.19	-1.90	-2.14	-2.23	-2.36	-2.35	-2.34	-2.29	-2.05	-2.81	-2.34	-2.42	-2.49	-1.80	-2.28	-2.35	-2.91
	0.00	7.86	1.71	1.46	0.07	0.26	15.29	1.32	3.45	5.73	0.26	12.40	16.47	24.50	21.59	27.93	40.15	30.92	20.98	5.92	0.00	0.08	0.00	0.00

OSWEGATCHIE___HYD 24044	40.12 0.59 0.00	36.24 0.50 0.00	33.08 0.33 0.00	32.29 0.32 0.00	32.41 0.35 0.00	34.12 0.37 0.00	38.90 0.61 0.00	41.84 0.50 0.00	41.81 0.50 0.00	46.30 0.69 0.00	45.85 0.23 0.00	47.34 0.09 0.00	49.41 0.35 0.00	50.99 0.05 0.00	53.02 -0.16 0.00	54.95 -0.50 0.00	61.57 -0.81 0.00	68.15 -0.76 0.00	75.08 -0.45 0.00	77.81 0.16 0.00	66.96 0.13 0.00	57.37 0.51 0.00	50.32 0.35 0.00	45.29 0.45 0.00
OSWEGO___5 23606	38.66 -0.87 0.00	34.81 -0.93 0.00	31.90 -0.85 0.00	31.17 -0.80 0.00	31.23 -0.83 0.00	32.87 -0.88 0.00	37.30 -1.00 0.00	40.23 -1.11 0.00	44.42 -1.03 -4.14	52.00 -1.23 -7.61	53.17 -1.23 -8.78	55.46 -1.27 -9.49	58.95 -1.28 -11.17	62.37 -1.32 -12.76	65.43 -1.33 -13.58	62.98 -1.33 -8.85	66.49 -1.56 -5.67	68.78 -1.58 -1.45	79.43 -1.73 -5.63	80.83 -1.71 -4.88	65.49 -1.34 0.00	55.56 -1.31 0.00	48.72 -1.25 0.00	46.33 -1.26 -2.73
OSWEGO___6 23613	38.66 -0.87 0.00	34.81 -0.93 0.00	31.90 -0.85 0.00	31.17 -0.80 0.00	31.23 -0.83 0.00	32.87 -0.88 0.00	37.30 -1.00 0.00	40.23 -1.11 0.00	44.42 -1.03 -4.14	52.00 -1.23 -7.61	53.17 -1.23 -8.78	55.46 -1.27 -9.49	58.95 -1.28 -11.17	62.37 -1.32 -12.76	65.43 -1.33 -13.58	62.98 -1.33 -8.85	66.49 -1.56 -5.67	68.78 -1.58 -1.45	79.43 -1.73 -5.63	80.83 -1.71 -4.88	65.49 -1.34 0.00	55.56 -1.31 0.00	48.72 -1.25 0.00	46.33 -1.26 -2.73
OUTOKUMPU-AB___DRP 24206	36.80 -2.73 0.00	30.23 -3.07 2.44	29.40 -2.82 0.54	28.76 -2.75 0.46	29.09 -2.95 0.02	30.53 -3.14 0.08	30.31 -3.25 4.73	37.74 -3.18 0.42	37.56 -2.69 1.07	40.92 -2.92 1.77	42.62 -2.92 0.08	40.67 -2.74 3.83	41.13 -2.85 5.08	40.71 -2.65 7.58	43.95 -2.55 6.68	44.71 -2.11 8.64	46.96 -2.87 12.54	56.21 -2.96 9.74	65.64 -3.47 6.43	71.88 -4.12 1.67	64.02 -2.81 0.00	52.91 -3.92 0.02	46.37 -3.60 0.00	41.30 -3.54 0.00
OXBOW___BTM 323836	36.60 -2.92 0.00	29.77 -3.61 2.36	28.93 -3.31 0.52	28.42 -3.10 0.45	28.74 -3.30 0.02	30.16 -3.51 0.08	29.92 -3.79 4.58	37.34 -3.60 0.40	37.13 -3.14 1.04	40.34 -3.56 1.72	41.98 -3.56 0.08	40.09 -3.45 3.70	40.57 -3.58 4.92	40.19 -3.41 7.33	43.47 -3.25 6.46	44.27 -2.83 8.36	47.02 -3.99 11.36	56.21 -3.86 8.85	65.15 -4.53 5.85	70.95 -5.13 1.58	63.28 -3.54 0.00	53.08 -3.75 0.02	46.56 -3.40 0.00	41.17 -3.68 0.00
OXBOW___ 24026	36.60 -2.93 0.00	29.91 -3.47 2.36	29.09 -3.14 0.52	28.42 -3.10 0.45	28.74 -3.30 0.02	30.13 -3.54 0.08	29.96 -3.75 4.58	37.18 -3.76 0.40	37.01 -3.26 1.04	40.34 -3.56 1.72	41.98 -3.56 0.08	40.09 -3.45 3.70	40.61 -3.53 4.92	40.24 -3.36 7.33	43.42 -3.30 6.46	44.26 -2.83 8.36	46.62 -3.62 12.14	55.61 -3.86 9.45	64.74 -4.53 6.26	70.93 -5.13 1.60	63.42 -3.41 0.00	52.29 -4.55 0.02	45.87 -4.10 0.00	41.03 -3.81 0.00
OXY_CHEM_DSASP 323612	36.29 -3.24 0.00	29.56 -3.90 2.28	28.71 -3.54 0.51	28.02 -3.52 0.43	28.32 -3.72 0.02	29.66 -4.02 0.08	29.50 -4.37 4.43	36.53 -4.42 0.39	36.38 -3.92 1.01	39.58 -4.38 1.66	41.21 -4.33 0.08	39.37 -4.30 3.58	39.90 -4.42 4.74	39.57 -4.28 7.09	42.68 -4.25 6.25	43.55 -3.83 8.08	46.03 -4.62 11.73	54.73 -5.03 9.15	63.62 -5.82 6.10	69.60 -6.52 1.54	62.48 -4.34 0.00	51.44 -5.40 0.02	45.22 -4.75 0.00	40.54 -4.31 0.00
OZONE_PARK_ESR 323760	41.27 1.74 0.00	37.45 1.72 0.00	34.23 1.47 0.00	33.44 1.47 0.00	33.47 1.41 0.00	35.27 1.52 0.00	40.02 1.72 0.00	43.74 2.40 0.00	43.88 2.56 0.00	48.63 3.01 0.00	48.86 3.24 0.00	50.79 3.54 0.00	52.64 3.58 0.00	54.86 3.92 0.00	57.17 3.99 0.00	59.39 3.94 0.00	67.37 4.99 0.00	75.04 6.13 0.00	82.18 6.65 0.00	84.18 6.52 0.00	71.57 4.74 0.00	60.56 3.70 0.00	53.46 3.50 0.00	47.72 2.87 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.29 -3.24 0.00	29.56 -3.90 2.28	28.71 -3.54 0.51	28.02 -3.52 0.43	28.32 -3.72 0.02	29.66 -4.02 0.08	29.50 -4.37 4.43	36.53 -4.42 0.39	36.38 -3.92 1.01	39.58 -4.38 1.66	41.21 -4.33 0.08	39.37 -4.30 3.58	39.90 -4.42 4.74	39.57 -4.28 7.09	42.68 -4.25 6.25	43.55 -3.83 8.08	46.03 -4.62 11.73	54.73 -5.03 9.15	63.62 -5.82 6.10	69.60 -6.52 1.54	62.48 -4.34 0.00	51.44 -5.40 0.02	45.22 -4.75 0.00	40.54 -4.31 0.00
PACKARD___115KV_DUPONT_184 80571	36.25 -3.28 0.00	29.35 -4.11 2.28	28.52 -3.73 0.50	28.02 -3.52 0.43	28.32 -3.72 0.02	29.69 -3.98 0.08	29.50 -4.37 4.43	36.74 -4.22 0.39	36.51 -3.80 1.01	39.58 -4.38 1.66	41.21 -4.33 0.08	39.32 -4.35 3.58	39.80 -4.51 4.74	39.57 -4.28 7.09	42.68 -4.26 6.25	43.55 -3.83 8.08	46.43 -4.99 10.96	55.33 -5.03 8.55	63.95 -5.89 5.69	69.62 -6.52 1.52	62.35 -4.48 0.00	52.35 -4.49 0.02	45.92 -4.05 0.00	40.72 -4.13 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.03 1.50 0.00	37.27 1.54 0.00	34.07 1.31 0.00	33.47 1.50 0.00	33.37 1.31 0.00	34.90 1.15 0.00	39.56 1.26 0.00	43.21 1.86 0.00	43.34 2.02 0.00	48.08 2.46 0.00	48.31 2.69 0.00	50.27 3.02 0.00	52.10 3.04 0.00	54.29 3.36 0.01	56.43 3.24 0.00	58.50 3.05 0.00	66.37 3.99 0.00	73.94 5.03 0.00	80.82 5.29 0.00	82.86 5.20 0.00	70.37 3.54 0.00	59.59 2.73 0.00	52.91 2.95 0.00	47.45 2.60 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.70 2.17 0.00	37.88 2.14 0.00	34.59 1.83 0.00	34.01 2.05 0.00	33.92 1.86 0.00	35.47 1.72 0.00	40.21 1.91 0.00	43.91 2.56 0.00	44.04 2.73 0.00	48.86 3.24 0.00	49.04 3.42 0.00	51.02 3.78 0.00	52.89 3.83 0.00	55.11 4.18 0.01	57.33 4.15 0.00	59.45 3.99 0.00	67.49 5.11 0.00	75.25 6.34 0.00	82.33 6.80 0.00	84.41 6.76 0.00	71.70 4.88 0.00	60.67 3.81 0.00	53.76 3.80 0.00	48.25 3.41 0.00
PATROON___115KV_TB1 80586	40.48 0.95 0.00	36.88 1.14 0.00	33.84 1.08 0.00	32.99 1.02 0.00	33.09 1.03 0.00	34.86 1.11 0.00	39.37 1.07 0.00	42.63 1.28 0.00	42.22 0.91 0.00	46.48 0.87 0.00	46.53 0.91 0.00	48.14 0.90 0.00	49.85 0.78 0.00	51.75 0.81 0.00	54.19 1.01 0.00	56.56 1.11 0.00	63.56 1.19 0.00	70.36 1.45 0.00	76.97 1.44 0.00	79.13 1.48 0.00	68.09 1.27 0.00	58.32 1.19 -0.27	51.54 0.95 -0.63	46.06 1.21 0.00
PATTRSNVILLE___SOLAR 323815	40.87 1.34 0.00	37.09 1.36 0.00	34.00 1.24 0.00	33.12 1.15 0.00	33.25 1.19 0.00	35.03 1.28 0.00	39.60 1.30 0.00	42.63 1.28 0.00	42.35 1.03 0.00	46.62 1.00 0.00	46.53 0.91 0.00	48.14 0.90 0.00	50.04 0.98 0.00	52.06 1.12 0.00	54.51 1.33 0.00	56.95 1.50 0.00	64.06 1.68 0.00	71.05 2.14 0.00	78.18 2.64 0.00	80.61 2.95 0.00	69.43 2.60 0.00	59.34 2.11 -0.37	52.73 1.90 -0.87	46.59 1.75 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	37.08 -2.45 0.00	31.29 -1.75 2.70	30.55 -1.61 0.60	29.89 -1.57 0.51	30.24 -1.80 0.02	32.02 -1.69 0.05	31.33 -1.72 5.24	39.43 -1.45 0.46	39.05 -1.07 1.19	42.65 -1.00 1.96	44.62 -0.96 0.05	42.20 -0.80 4.24	42.70 -0.74 5.62	42.05 -0.51 8.38	45.48 -0.32 7.39	46.07 0.17 9.55	48.69 0.19 13.88	58.65 0.48 10.75	70.87 0.08 4.74	75.86 -0.39 1.41	65.35 -1.47 0.00	55.19 -1.65 0.03	46.97 -3.00 0.00	40.90 -3.95 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.15 1.62 0.00	37.38 1.64 0.00	34.16 1.41 0.00	33.38 1.41 0.00	33.44 1.38 0.00	35.24 1.49 0.00	39.86 1.57 0.00	43.49 2.15 0.00	43.59 2.27 0.00	48.17 2.55 0.00	48.45 2.83 0.00	50.36 3.12 0.00	52.15 3.09 0.00	54.35 3.41 0.00	56.75 3.56 0.00	59.00 3.55 0.00	66.99 4.62 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.72 6.06 0.00	71.10 4.28 0.00	60.44 3.58 0.00	53.16 3.20 0.00	47.45 2.60 0.00
PEEKSKILL____ 23653	40.83 1.30 0.00	37.09 1.36 0.00	33.90 1.15 0.00	33.15 1.18 0.00	33.18 1.12 0.00	34.93 1.18 0.00	39.75 1.45 0.00	43.16 1.82 0.00	43.01 1.69 0.00	47.72 2.10 0.00	47.95 2.33 0.00	49.98 2.74 0.00	51.71 2.65 0.00	53.64 2.70 0.00	56.05 2.87 0.00	58.22 2.77 0.00	66.25 3.87 0.00	73.53 4.62 0.00	80.44 4.91 0.00	82.70 5.04 0.00	70.50 3.67 0.00	59.36 2.50 0.00	52.11 2.15 0.00	46.91 2.06 0.00
PGE MADISON__WINDPWR 24146	41.58 2.06 0.00	38.14 1.75 -0.65	34.44 1.54 -0.14	33.56 1.47 -0.12	33.48 1.41 -0.01	35.36 1.59 -0.02	41.52 1.95 -1.27	43.69 2.23 -0.11	44.22 2.27 -0.63	49.33 2.60 -1.11	48.70 2.33 -0.75	51.48 2.41 -1.83	54.07 2.70 -2.31	56.59 2.55 -3.11	59.09 2.98 -2.93	61.35 2.83 -3.07	69.23 2.99 -3.86	75.71 4.07 -2.73	82.80 4.91 -2.36	84.28 5.75 -0.87	71.70 4.88 0.00	60.90 4.04 -0.01	52.86 2.90 0.00	47.36 2.29 -0.23
PIERCEFIELD____HYD 23852	39.41 -0.12 0.00	35.84 0.11 0.00	32.72 -0.03 0.00	31.94 -0.03 0.00	32.09 0.03 0.00	33.75 0.00 0.00	38.52 0.23 0.00	41.47 0.12 0.00	41.44 0.12 0.00	45.80 0.18 0.00	45.48 -0.14 0.00	46.96 -0.28 0.00	48.96 -0.10 0.00	50.63 -0.31 0.00	52.23 -0.96 0.00	54.12 -1.33 0.00	60.63 -1.75 0.00	66.84 -2.07 0.00	73.57 -1.96 0.00	75.95 -1.71 0.00	65.29 -1.54 0.00	56.01 -0.85 0.00	49.46 -0.50 0.00	44.62 -0.22 0.00
PINELAWN_CC_1 323563	41.90 2.37 0.00	37.77 2.04 0.00	34.39 1.64 0.00	33.53 1.57 0.00	33.57 1.51 0.00	35.61 1.86 0.00	40.40 2.10 0.00	44.03 2.69 0.00	43.54 2.23 0.00	47.67 2.05 0.00	48.22 2.60 0.00	50.27 3.03 0.00	51.51 2.45 0.00	53.48 2.55 0.01	55.89 2.71 0.00	57.83 2.38 0.01	65.81 3.43 0.00	73.05 4.13 0.00	80.25 4.46 -0.26	82.48 4.66 -0.16	70.60 3.41 -0.37	59.13 2.11 -0.16	51.06 1.10 0.00	47.49 2.65 0.00
PJM_GEN_HTP_PROXY 323702	40.99 1.46 0.00	37.24 1.50 0.00	34.00 1.24 0.00	33.31 1.34 0.00	33.34 1.28 0.00	35.07 1.31 0.00	39.94 1.65 0.00	43.45 2.11 0.00	43.38 2.06 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.46 3.21 0.00	52.30 3.24 0.00	54.25 3.31 0.00	56.64 3.45 0.00	58.78 3.33 0.00	66.99 4.62 0.00	74.29 5.38 0.00	81.43 5.90 0.00	83.56 5.90 0.00	71.17 4.34 0.00	60.30 2.95 -0.48	52.03 2.55 0.48	47.27 2.42 0.00
PJM_GEN_KEystone 24065	37.84 -0.67 1.02	34.44 -0.57 0.72	31.82 -0.59 0.35	30.00 -0.54 1.42	30.30 -0.64 1.12	32.00 -0.64 1.11	34.88 -0.61 2.80	40.93 -0.29 0.12	40.71 -0.29 0.32	44.95 -0.14 0.53	45.60 0.00 0.02	46.34 0.24 1.14	47.74 0.20 1.51	48.94 0.26 2.25	51.62 0.42 1.99	53.43 0.55 2.58	60.44 1.06 3.00	68.26 1.65 2.30	75.55 1.66 1.64	78.76 1.55 0.45	73.00 0.94 -5.24	52.04 -0.06 4.76	49.23 -0.25 0.48	44.26 -0.58 0.00
PJM_GEN_NEPTUNE_PROXY 323594	41.31 1.78 0.00	37.27 1.54 0.00	33.97 1.21 0.00	33.15 1.18 0.00	33.18 1.12 0.00	35.17 1.42 0.00	39.90 1.61 0.00	43.41 2.07 0.00	42.97 1.65 0.00	47.17 1.55 0.00	47.72 2.10 0.00	49.74 2.50 0.00	51.12 2.06 0.00	53.02 2.09 0.01	55.36 2.18 0.00	57.44 1.99 0.01	65.37 2.99 0.00	72.49 3.58 0.00	79.39 3.85 0.00	81.62 3.96 0.00	69.57 2.74 0.00	58.93 1.59 -0.48	50.13 0.65 0.48	46.95 2.11 0.00
PJM_GEN_VFT_PROXY 323633	40.79 1.26 0.00	37.06 1.32 0.00	33.83 1.08 0.00	33.15 1.18 0.00	33.18 1.12 0.00	34.86 1.11 0.00	39.75 1.45 0.00	43.29 1.94 0.00	43.18 1.86 0.00	47.99 2.37 0.00	48.22 2.60 0.00	50.31 3.07 0.00	52.10 3.04 0.00	54.04 3.11 0.00	56.43 3.24 0.00	58.43 3.10 0.12	66.44 4.36 0.30	73.74 5.17 0.34	79.14 5.59 1.98	82.94 5.59 0.32	70.89 4.08 0.01	60.01 2.67 -0.48	51.83 2.35 0.48	47.09 2.24 0.00
PLATSBURG_115KV_PMLD1 355749	39.92 0.40 0.00	36.20 0.46 0.00	33.08 0.33 0.00	32.29 0.32 0.00	32.41 0.35 0.00	34.12 0.37 0.00	38.91 0.61 0.00	41.84 0.50 0.00	41.93 0.62 0.00	46.35 0.73 0.00	46.26 0.64 0.00	47.86 0.61 0.00	49.80 0.74 0.00	51.65 0.71 0.00	53.72 0.53 0.00	56.01 0.55 0.00	62.94 0.56 0.00	69.32 0.41 0.00	76.06 0.53 0.00	78.28 0.62 0.00	67.23 0.40 0.00	57.37 0.51 0.00	50.46 0.50 0.00	45.25 0.40 0.00
PLEASANTVLY____LBMP 24000	40.67 1.15 0.00	36.92 1.18 0.00	33.80 1.05 0.00	32.99 1.02 0.00	33.05 0.99 0.00	34.83 1.08 0.00	39.40 1.11 0.00	42.96 1.61 0.00	42.97 1.65 0.00	47.44 1.82 0.00	47.63 2.01 0.00	49.46 2.22 0.00	51.22 2.16 0.00	53.33 2.39 0.00	55.68 2.50 0.00	57.89 2.44 0.00	65.56 3.18 0.00	72.91 4.00 0.00	79.77 4.23 0.00	81.85 4.19 0.00	69.76 2.94 0.00	59.19 2.33 0.00	52.16 2.20 0.00	46.73 1.88 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.91 1.38 0.00	37.13 1.39 0.00	33.97 1.21 0.00	33.18 1.21 0.00	33.21 1.15 0.00	35.03 1.28 0.00	39.63 1.34 0.00	43.25 1.90 0.00	43.30 1.98 0.00	47.90 2.28 0.00	48.13 2.51 0.00	49.98 2.74 0.00	51.81 2.75 0.00	53.94 3.01 0.00	56.32 3.14 0.00	58.61 3.16 0.00	66.43 4.05 0.00	73.94 5.03 0.00	80.90 5.36 0.00	83.02 5.36 0.00	70.63 3.81 0.00	59.82 2.96 0.00	52.71 2.75 0.00	47.13 2.29 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.91 1.38 0.00	37.13 1.39 0.00	33.97 1.21 0.00	33.18 1.21 0.00	33.21 1.15 0.00	35.03 1.28 0.00	39.63 1.34 0.00	43.25 1.90 0.00	43.30 1.98 0.00	47.90 2.28 0.00	48.13 2.51 0.00	49.98 2.74 0.00	51.81 2.75 0.00	53.94 3.01 0.00	56.32 3.14 0.00	58.61 3.16 0.00	66.43 4.05 0.00	73.94 5.03 0.00	80.90 5.36 0.00	83.02 5.36 0.00	70.63 3.81 0.00	59.82 2.96 0.00	52.71 2.75 0.00	47.13 2.29 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.03 1.50 0.00	37.24 1.50 0.00	34.07 1.31 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.10 1.35 0.00	39.71 1.42 0.00	43.25 1.90 0.00	43.26 1.94 0.00	47.76 2.14 0.00	47.90 2.28 0.00	49.79 2.55 0.00	51.61 2.55 0.00	53.69 2.75 0.00	56.16 2.98 0.00	58.39 2.94 0.00	66.18 3.81 0.00	73.60 4.69 0.00	80.60 5.06 0.00	82.78 5.13 0.00	70.50 3.68 0.00	59.96 3.01 -0.09	52.82 2.65 -0.21	47.09 2.24 0.00
POLETTI____ 23519	40.91 1.38 0.00	37.17 1.43 0.00	34.00 1.24 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.00 1.25 0.00	39.67 1.38 0.00	43.37 2.03 0.00	43.46 2.15 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.31 3.07 0.00	52.10 3.04 0.00	54.30 3.36 0.00	56.53 3.35 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.12 5.59 0.00	83.17 5.51 0.00	70.70 3.88 0.00	59.87 3.01 0.00	52.91 2.95 0.00	47.27 2.42 0.00

POMONA___ESR 323819	40.79 1.26 0.00	37.09 1.36 0.00	33.87 1.11 0.00	33.12 1.15 0.00	33.15 1.09 0.00	34.90 1.15 0.00	39.71 1.42 0.00	43.08 1.74 0.00	42.97 1.65 0.00	47.62 2.00 0.00	47.86 2.23 0.00	49.84 2.60 0.00	51.61 2.55 0.00	53.43 2.50 0.00	55.89 2.71 0.00	58.06 2.61 0.00	66.06 3.68 0.00	73.33 4.41 0.00	80.22 4.68 0.00	82.47 4.82 0.00	70.30 3.47 0.00	59.14 2.28 0.00	51.91 1.95 0.00	46.73 1.88 0.00
PORT_JEFF_3 23555	42.06 2.53 0.00	37.88 2.14 0.00	34.49 1.73 0.00	33.63 1.66 0.00	33.66 1.60 0.00	35.74 1.99 0.00	40.51 2.22 0.00	44.16 2.81 0.00	43.54 2.23 0.00	47.49 1.87 0.00	48.04 2.42 0.00	50.08 2.83 0.00	51.27 2.21 0.00	53.12 2.19 0.01	55.68 2.50 0.00	57.61 2.16 0.01	65.43 3.06 0.00	72.49 3.58 0.00	81.77 3.70 -2.53	83.45 4.19 -1.60	72.22 3.41 -1.99	59.74 1.99 -0.89	50.71 0.75 0.00	47.40 2.55 0.00
PORT_JEFF_4 23616	42.06 2.53 0.00	37.88 2.14 0.00	34.49 1.73 0.00	33.63 1.66 0.00	33.66 1.60 0.00	35.74 1.99 0.00	40.51 2.22 0.00	44.16 2.81 0.00	43.54 2.23 0.00	47.49 1.87 0.00	48.04 2.42 0.00	50.08 2.83 0.00	51.27 2.21 0.00	53.12 2.19 0.01	55.68 2.50 0.00	57.61 2.16 0.01	65.43 3.06 0.00	72.49 3.58 0.00	81.77 3.70 -2.53	83.45 4.19 -1.60	72.22 3.41 -1.99	59.74 1.99 -0.89	50.71 0.75 0.00	47.40 2.55 0.00
PORT_JEFF_IC 23713	41.66 2.13 0.00	37.74 2.00 0.00	34.52 1.77 0.00	33.60 1.63 0.00	33.63 1.57 0.00	35.71 1.96 0.00	40.17 1.88 0.00	43.99 2.65 0.00	43.88 2.56 0.00	47.58 1.96 0.00	48.22 2.60 0.00	49.93 2.69 0.00	51.32 2.26 0.00	53.53 2.60 0.01	56.16 2.98 0.00	58.33 2.88 0.01	66.12 3.74 0.00	73.94 5.03 0.00	83.96 5.74 -2.69	84.72 5.36 -1.70	72.21 3.74 -1.64	61.18 3.58 -0.74	53.61 3.65 0.00	48.12 3.27 0.00
PPL PILGRIM_ST_GT1 24216	42.14 2.61 0.00	37.95 2.22 0.00	34.56 1.80 0.00	33.69 1.73 0.00	33.73 1.67 0.00	35.81 2.06 0.00	40.63 2.34 0.00	44.24 2.89 0.00	43.67 2.35 0.00	47.76 2.14 0.00	48.36 2.74 0.00	50.46 3.21 0.00	51.61 2.55 0.00	53.48 2.55 0.01	55.95 2.76 0.00	57.83 2.38 0.01	65.56 3.18 0.00	72.70 3.79 0.00	80.99 4.00 -1.45	82.93 4.35 -0.92	71.87 3.21 -1.84	59.79 2.11 -0.83	51.01 1.05 0.00	47.67 2.83 0.00
PPL PILGRIM_ST_GT2 24217	42.14 2.61 0.00	37.95 2.22 0.00	34.56 1.80 0.00	33.69 1.73 0.00	33.73 1.67 0.00	35.81 2.06 0.00	40.63 2.34 0.00	44.24 2.89 0.00	43.67 2.35 0.00	47.76 2.14 0.00	48.36 2.74 0.00	50.46 3.21 0.00	51.61 2.55 0.00	53.48 2.55 0.01	55.95 2.76 0.00	57.83 2.38 0.01	65.56 3.18 0.00	72.70 3.79 0.00	80.99 4.00 -1.45	82.93 4.35 -0.92	71.87 3.21 -1.84	59.79 2.11 -0.83	51.01 1.05 0.00	47.67 2.83 0.00
PPL_SHRM_GT3 24213	42.18 2.65 0.00	37.99 2.25 0.00	34.56 1.80 0.00	33.69 1.73 0.00	33.73 1.67 0.00	35.84 2.09 0.00	40.63 2.34 0.00	44.28 2.94 0.00	43.50 2.19 0.00	47.21 1.60 0.00	47.58 1.96 0.00	49.65 2.41 0.00	50.78 1.72 0.00	52.66 1.73 0.01	55.52 2.34 0.00	57.44 1.99 0.01	65.19 2.81 0.00	72.36 3.44 0.00	81.79 3.70 -2.55	83.85 4.58 -1.61	72.60 3.87 -1.91	59.82 2.11 -0.86	50.51 0.55 0.00	47.22 2.38 0.00
PPL_SHRM_GT4 24214	42.18 2.65 0.00	37.99 2.25 0.00	34.56 1.80 0.00	33.69 1.73 0.00	33.73 1.67 0.00	35.84 2.09 0.00	40.63 2.34 0.00	44.28 2.94 0.00	43.50 2.19 0.00	47.21 1.60 0.00	47.58 1.96 0.00	49.65 2.41 0.00	50.78 1.72 0.00	52.66 1.73 0.01	55.52 2.34 0.00	57.44 1.99 0.01	65.19 2.81 0.00	72.36 3.44 0.00	81.79 3.70 -2.55	83.85 4.58 -1.61	72.60 3.87 -1.91	59.82 2.11 -0.86	50.51 0.55 0.00	47.22 2.38 0.00
PROJECT___ORANGE 1 24174	39.25 -0.28 0.00	35.27 -0.46 0.00	32.33 -0.43 0.00	31.55 -0.42 0.00	31.64 -0.42 0.00	33.28 -0.47 0.00	37.76 -0.54 0.00	40.72 -0.62 0.00	41.07 -0.45 -0.21	45.60 -0.41 -0.39	45.66 -0.41 -0.45	47.30 -0.43 -0.49	49.24 -0.39 -0.57	51.23 -0.36 -0.65	53.45 -0.43 -0.70	55.52 -0.39 -0.45	62.17 -0.50 -0.29	68.64 -0.34 -0.07	75.45 -0.38 -0.29	77.52 -0.39 -0.25	66.69 -0.13 0.00	56.41 -0.45 0.00	49.46 -0.50 0.00	44.40 -0.58 -0.14
PROJECT___ORANGE 2 24166	39.25 -0.28 0.00	35.27 -0.46 0.00	32.33 -0.43 0.00	31.55 -0.42 0.00	31.64 -0.42 0.00	33.28 -0.47 0.00	37.76 -0.54 0.00	40.72 -0.62 0.00	41.07 -0.45 -0.21	45.60 -0.41 -0.39	45.66 -0.41 -0.45	47.30 -0.43 -0.49	49.24 -0.39 -0.57	51.23 -0.36 -0.65	53.45 -0.43 -0.70	55.52 -0.39 -0.45	62.17 -0.50 -0.29	68.64 -0.34 -0.07	75.45 -0.38 -0.29	77.52 -0.39 -0.25	66.69 -0.13 0.00	56.41 -0.45 0.00	49.46 -0.50 0.00	44.40 -0.58 -0.14
PUCKETT___SOLAR 323809	39.96 0.44 0.00	36.54 0.39 -0.41	33.17 0.33 -0.09	32.36 0.32 -0.07	32.35 0.29 0.00	34.10 0.34 -0.01	39.52 0.42 -0.80	42.03 0.62 -0.07	42.45 0.62 -0.51	47.26 0.73 -0.91	46.98 0.64 -0.72	49.32 0.66 -1.42	51.57 0.74 -1.77	53.97 0.71 -2.32	56.37 0.96 -2.23	58.64 1.00 -2.18	65.74 1.06 -2.31	72.12 1.65 -1.55	79.10 2.04 -1.52	80.67 2.33 -0.68	68.69 1.87 0.00	58.06 1.20 0.00	50.71 0.75 0.00	45.33 0.27 -0.22
PYRITES___HYD 24023	40.04 0.51 0.00	36.42 0.68 0.00	33.25 0.49 0.00	32.45 0.48 0.00	32.60 0.55 0.00	34.32 0.57 0.00	39.21 0.92 0.00	42.34 0.99 0.00	42.10 0.78 0.00	46.39 0.78 0.00	45.89 0.27 0.00	47.34 0.09 0.00	49.35 0.29 0.00	51.04 0.10 0.00	52.65 -0.53 0.00	54.51 -0.94 0.00	61.32 -1.06 0.00	67.74 -1.17 0.00	74.70 -0.83 0.00	77.43 -0.23 0.00	66.62 -0.20 0.00	57.20 0.34 0.00	50.46 0.50 0.00	45.43 0.58 0.00
QUAKERRD_115KV_BK1 80622	37.75 -1.78 0.00	32.84 -2.39 0.50	30.49 -2.16 0.11	29.80 -2.08 0.09	29.97 -2.08 0.00	31.47 -2.26 0.02	34.78 -2.53 0.98	38.82 -2.44 0.08	38.95 -2.15 0.22	42.97 -2.28 0.37	43.32 -2.28 0.02	44.17 -2.27 0.80	45.69 -2.31 1.06	47.07 -2.29 1.58	49.45 -2.34 1.39	51.60 -2.05 1.80	57.46 -2.31 2.61	64.48 -2.41 2.02	71.50 -2.57 1.46	74.43 -2.87 0.35	65.09 -1.74 0.00	54.30 -2.56 0.00	47.67 -2.30 0.00	42.78 -2.06 0.00
QUENSBRY_115KV_TB8 356137	42.33 2.81 0.00	38.42 2.68 0.00	35.15 2.39 0.00	34.21 2.24 0.00	34.37 2.31 0.00	36.25 2.50 0.00	41.05 2.76 0.00	44.32 2.98 0.00	44.04 2.73 0.00	48.58 2.97 0.00	48.63 3.01 0.00	50.41 3.17 0.00	52.20 3.14 0.00	53.18 2.24 0.00	55.79 2.61 0.00	58.34 2.88 0.00	64.81 2.43 0.00	71.94 3.03 0.00	78.71 3.17 0.00	81.15 3.49 0.00	69.96 3.14 0.00	60.12 2.67 -0.59	53.80 2.45 -1.39	48.25 3.41 0.00
RAMAPO___LBMP 323565	40.60 1.07 0.00	36.88 1.14 0.00	33.74 0.98 0.00	32.96 0.99 0.00	32.99 0.93 0.00	34.76 1.01 0.00	39.37 1.07 0.00	42.92 1.57 0.00	42.97 1.65 0.00	47.49 1.87 0.00	47.72 2.10 0.00	49.51 2.27 0.00	51.32 2.26 0.00	53.38 2.44 0.00	55.74 2.55 0.00	57.95 2.50 0.00	65.68 3.31 0.00	73.05 4.13 0.00	79.99 4.46 0.00	82.16 4.50 0.00	69.96 3.14 0.00	59.19 2.33 0.00	52.16 2.20 0.00	46.64 1.79 0.00

RANKINE_____	37.00 -2.53 0.00	30.19 -2.61 2.94	29.71 -2.39 0.65	29.11 -2.30 0.56	29.60 -2.44 0.03	31.17 -2.50 0.09	29.94 -2.64 5.71	38.36 -2.48 0.51	37.95 -2.07 1.30	41.33 -2.14 2.14	43.39 -2.14 0.09	40.59 -2.03 4.62	40.87 -2.06 6.13	39.91 -1.88 9.14	43.37 -1.76 8.06	43.70 -1.33 10.42	45.62 -1.62 15.13	55.62 -1.58 11.71	66.67 -1.89 6.97	73.36 -2.41 1.89	64.95 -1.87 0.00	54.05 -2.79 0.03	46.82 -3.15 0.00	41.44 -3.41 0.00
RAVENSWOOD_GT2_1 24244	40.91 1.38 0.00	37.17 1.43 0.00	34.00 1.24 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.03 1.28 0.00	39.67 1.38 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.31 3.07 0.00	52.10 3.04 0.00	54.30 3.36 0.00	56.59 3.40 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.12 5.59 0.00	83.17 5.51 0.00	70.70 3.88 0.00	59.87 3.01 0.00	52.91 2.95 0.00	47.27 2.42 0.00
RAVENSWOOD_GT2_2 24245	40.91 1.38 0.00	37.17 1.43 0.00	34.00 1.24 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.03 1.28 0.00	39.67 1.38 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.31 3.07 0.00	52.10 3.04 0.00	54.30 3.36 0.00	56.59 3.40 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.12 5.59 0.00	83.17 5.51 0.00	70.70 3.88 0.00	59.87 3.01 0.00	52.91 2.95 0.00	47.27 2.42 0.00
RAVENSWOOD_GT2_3 24246	40.95 1.42 0.00	37.20 1.47 0.00	34.00 1.24 0.00	33.25 1.28 0.00	33.28 1.22 0.00	35.03 1.28 0.00	39.71 1.42 0.00	43.41 2.07 0.00	43.50 2.19 0.00	48.22 2.60 0.00	48.40 2.78 0.00	50.31 3.07 0.00	52.15 3.09 0.00	54.30 3.36 0.00	56.59 3.40 0.00	58.78 3.33 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.20 5.67 0.00	83.25 5.59 0.00	70.77 3.94 0.00	59.93 3.07 0.00	52.96 3.00 0.00	47.31 2.47 0.00
RAVENSWOOD_GT2_4 24247	40.95 1.42 0.00	37.20 1.47 0.00	34.00 1.24 0.00	33.25 1.28 0.00	33.28 1.22 0.00	35.03 1.28 0.00	39.71 1.42 0.00	43.41 2.07 0.00	43.50 2.19 0.00	48.22 2.60 0.00	48.40 2.78 0.00	50.31 3.07 0.00	52.15 3.09 0.00	54.30 3.36 0.00	56.59 3.40 0.00	58.78 3.33 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.20 5.67 0.00	83.25 5.59 0.00	70.77 3.94 0.00	59.93 3.07 0.00	52.96 3.00 0.00	47.31 2.47 0.00
RAVENSWOOD_GT3_1 24248	40.95 1.42 0.00	37.17 1.43 0.00	34.00 1.24 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.03 1.28 0.00	39.67 1.38 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.31 3.07 0.00	52.10 3.04 0.00	54.30 3.36 0.00	56.59 3.40 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.20 5.67 0.00	83.17 5.51 0.00	70.77 3.94 0.00	59.93 3.07 0.00	52.91 2.95 0.00	47.27 2.42 0.00
RAVENSWOOD_GT3_2 24249	40.95 1.42 0.00	37.17 1.43 0.00	34.00 1.24 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.03 1.28 0.00	39.67 1.38 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.31 3.07 0.00	52.10 3.04 0.00	54.30 3.36 0.00	56.59 3.40 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.20 5.67 0.00	83.17 5.51 0.00	70.77 3.94 0.00	59.93 3.07 0.00	52.91 2.95 0.00	47.27 2.42 0.00
RAVENSWOOD_GT3_3 24250	40.99 1.46 0.00	37.24 1.50 0.00	34.03 1.28 0.00	33.25 1.28 0.00	33.28 1.22 0.00	35.07 1.32 0.00	39.75 1.46 0.00	43.45 2.11 0.00	43.55 2.23 0.00	48.26 2.65 0.00	48.45 2.83 0.00	50.41 3.17 0.00	52.20 3.14 0.00	54.40 3.46 0.00	56.69 3.51 0.00	58.84 3.38 0.00	66.74 4.37 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.33 5.67 0.00	70.83 4.01 0.00	59.99 3.13 0.00	53.01 3.05 0.00	47.36 2.51 0.00
RAVENSWOOD_GT3_4 24251	40.99 1.46 0.00	37.24 1.50 0.00	34.03 1.28 0.00	33.25 1.28 0.00	33.28 1.22 0.00	35.07 1.32 0.00	39.75 1.46 0.00	43.45 2.11 0.00	43.55 2.23 0.00	48.26 2.65 0.00	48.45 2.83 0.00	50.41 3.17 0.00	52.20 3.14 0.00	54.40 3.46 0.00	56.69 3.51 0.00	58.84 3.38 0.00	66.74 4.37 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.33 5.67 0.00	70.83 4.01 0.00	59.99 3.13 0.00	53.01 3.05 0.00	47.36 2.51 0.00
RAVENSWOOD_GT_1 23729	41.07 1.54 0.00	37.31 1.57 0.00	34.10 1.34 0.00	33.38 1.41 0.00	33.37 1.31 0.00	35.07 1.32 0.00	39.75 1.46 0.00	43.45 2.11 0.00	43.59 2.27 0.00	48.35 2.74 0.00	48.54 2.92 0.00	50.50 3.26 0.00	52.35 3.29 0.00	54.56 3.62 -0.01	56.75 3.56 0.00	58.78 3.33 0.00	66.68 4.30 0.00	74.29 5.38 0.00	81.28 5.74 0.00	83.25 5.59 0.00	70.77 3.94 0.00	59.87 3.01 0.00	53.06 3.10 0.00	47.45 2.60 0.00
RAVENSWOOD_GT_10 24258	40.91 1.38 0.00	37.17 1.43 0.00	34.00 1.24 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.03 1.28 0.00	39.67 1.38 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.31 3.07 0.00	52.10 3.04 0.00	54.30 3.36 0.00	56.59 3.40 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.20 5.67 0.00	83.17 5.51 0.00	70.77 3.94 0.00	59.93 3.07 0.00	52.91 2.95 0.00	47.27 2.42 0.00
RAVENSWOOD_GT_11 24259	40.91 1.38 0.00	37.17 1.43 0.00	34.00 1.24 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.03 1.28 0.00	39.67 1.38 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.31 3.07 0.00	52.10 3.04 0.00	54.30 3.36 0.00	56.59 3.40 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.20 5.67 0.00	83.17 5.51 0.00	70.77 3.94 0.00	59.93 3.07 0.00	52.91 2.95 0.00	47.27 2.42 0.00
RAVENSWOOD_GT_4 24252	40.95 1.42 0.00	37.20 1.47 0.00	34.03 1.28 0.00	33.28 1.31 0.00	33.28 1.22 0.00	35.03 1.28 0.00	39.71 1.42 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.22 2.60 0.00	48.45 2.83 0.00	50.36 3.12 0.00	52.20 3.14 0.00	54.36 3.41 -0.01	56.64 3.46 0.00	58.78 3.33 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.20 5.67 0.00	83.17 5.51 0.00	70.70 3.88 0.00	59.87 3.01 0.00	52.96 3.00 0.00	47.31 2.47 0.00
RAVENSWOOD_GT_5 24254	40.95 1.42 0.00	37.20 1.47 0.00	34.03 1.28 0.00	33.28 1.31 0.00	33.28 1.22 0.00	35.03 1.28 0.00	39.71 1.42 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.22 2.60 0.00	48.45 2.83 0.00	50.36 3.12 0.00	52.20 3.14 0.00	54.36 3.41 -0.01	56.64 3.46 0.00	58.78 3.33 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.20 5.67 0.00	83.17 5.51 0.00	70.70 3.88 0.00	59.87 3.01 0.00	52.96 3.00 0.00	47.31 2.47 0.00
RAVENSWOOD_GT_6 24253	40.95 1.42 0.00	37.20 1.47 0.00	34.03 1.28 0.00	33.28 1.31 0.00	33.28 1.22 0.00	35.03 1.28 0.00	39.71 1.42 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.22 2.60 0.00	48.45 2.83 0.00	50.36 3.12 0.00	52.20 3.14 0.00	54.36 3.41 -0.01	56.64 3.46 0.00	58.78 3.33 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.20 5.67 0.00	83.17 5.51 0.00	70.70 3.88 0.00	59.87 3.01 0.00	52.96 3.00 0.00	47.31 2.47 0.00

RAVENSWOOD_GT_7 24255	40.95 1.42 0.00	37.20 1.47 0.00	34.03 1.28 0.00	33.28 1.31 0.00	33.28 1.22 0.00	35.03 1.28 0.00	39.71 1.42 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.22 2.60 0.00	48.45 2.83 0.00	50.36 3.12 0.00	52.20 3.14 0.00	54.36 3.41 -0.01	56.64 3.46 0.00	58.78 3.33 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.20 5.67 0.00	83.17 5.51 0.00	70.70 3.88 0.00	59.87 3.01 0.00	52.96 3.00 0.00	47.31 2.47 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.91 1.38 0.00	37.17 1.43 0.00	34.00 1.24 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.03 1.28 0.00	39.67 1.38 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.31 3.07 0.00	52.10 3.04 0.00	54.30 3.36 0.00	56.59 3.40 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.20 5.67 0.00	83.17 5.51 0.00	70.77 3.94 0.00	59.93 3.07 0.00	52.91 2.95 0.00	47.27 2.42 0.00
RAVENSWOOD_GT_9 24257	40.91 1.38 0.00	37.17 1.43 0.00	34.00 1.24 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.03 1.28 0.00	39.67 1.38 0.00	43.37 2.03 0.00	43.50 2.19 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.31 3.07 0.00	52.10 3.04 0.00	54.30 3.36 0.00	56.59 3.40 0.00	58.72 3.27 0.00	66.62 4.24 0.00	74.15 5.24 0.00	81.20 5.67 0.00	83.17 5.51 0.00	70.77 3.94 0.00	59.93 3.07 0.00	52.91 2.95 0.00	47.27 2.42 0.00
RAVENSWOOD____1 23533	41.15 1.62 0.00	37.38 1.64 0.00	34.13 1.38 0.00	33.47 1.50 0.00	33.50 1.44 0.00	35.10 1.35 0.00	40.02 1.72 0.00	43.49 2.15 0.00	43.42 2.11 0.00	48.31 2.69 0.00	48.54 2.92 0.00	50.65 3.40 0.00	52.49 3.43 0.00	54.41 3.47 -0.01	56.80 3.62 0.00	58.89 3.44 0.00	67.12 4.74 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.64 5.98 0.00	71.17 4.34 0.00	59.82 2.95 0.00	52.66 2.70 0.00	47.45 2.60 0.00
RAVENSWOOD____2 23534	41.11 1.58 0.00	37.38 1.64 0.00	34.13 1.38 0.00	33.47 1.50 0.00	33.50 1.44 0.00	35.10 1.35 0.00	39.98 1.68 0.00	43.49 2.15 0.00	43.42 2.11 0.00	48.31 2.69 0.00	48.54 2.92 0.00	50.65 3.40 0.00	52.49 3.43 0.00	54.41 3.47 -0.01	56.75 3.56 0.00	58.89 3.44 0.00	67.12 4.74 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.64 5.98 0.00	71.17 4.34 0.00	59.82 2.95 0.00	52.61 2.65 0.00	47.40 2.55 0.00
RAVENSWOOD____3 23535	41.03 1.50 0.00	37.27 1.54 0.00	34.03 1.28 0.00	33.34 1.37 0.00	33.37 1.31 0.00	35.07 1.31 0.00	39.94 1.65 0.00	43.45 2.11 0.00	43.34 2.02 0.00	48.17 2.55 0.00	48.40 2.78 0.00	50.46 3.21 0.00	52.30 3.24 0.00	54.25 3.31 0.00	56.64 3.45 0.00	58.78 3.33 0.00	66.93 4.55 0.00	74.29 5.38 0.00	81.35 5.82 0.00	83.49 5.83 0.00	71.10 4.28 0.00	59.76 2.90 0.00	52.51 2.55 0.00	47.27 2.42 0.00
RAVENSWOOD____4 23820	41.11 1.58 0.00	37.38 1.64 0.00	34.13 1.38 0.00	33.47 1.50 0.00	33.50 1.44 0.00	35.10 1.35 0.00	39.98 1.68 0.00	43.49 2.15 0.00	43.42 2.11 0.00	48.26 2.64 0.00	48.54 2.92 0.00	50.65 3.40 0.00	52.49 3.43 0.00	54.41 3.47 0.00	56.75 3.56 0.00	58.84 3.38 0.00	67.12 4.74 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.64 5.98 0.00	71.17 4.34 0.00	59.82 2.95 0.00	52.61 2.65 0.00	47.40 2.55 0.00
RCPL_TRUST____DRP 24196	40.99 1.46 0.00	37.20 1.47 0.00	34.03 1.28 0.00	33.25 1.28 0.00	33.28 1.22 0.00	35.07 1.32 0.00	39.75 1.46 0.00	43.45 2.11 0.00	43.59 2.27 0.00	48.31 2.69 0.00	48.49 2.87 0.00	50.41 3.17 0.00	52.25 3.19 0.00	54.40 3.46 0.00	56.69 3.51 0.00	58.89 3.44 0.00	66.81 4.43 0.00	74.42 5.51 0.00	81.43 5.89 0.00	83.40 5.75 0.00	70.90 4.08 0.00	60.05 3.18 0.00	53.01 3.05 0.00	47.31 2.47 0.00
RED____ROCHESTER 323720	38.70 -0.83 0.00	33.63 -1.61 0.50	31.21 -1.44 0.11	30.47 -1.41 0.09	30.61 -1.44 0.00	32.15 -1.59 0.02	35.56 -1.76 0.97	39.98 -1.28 0.08	40.15 -0.95 0.22	44.21 -1.05 0.36	44.60 -1.00 0.02	45.60 -0.85 0.79	47.13 -0.88 1.05	48.57 -0.82 1.55	51.12 -0.69 1.37	53.46 -0.22 1.77	59.69 -0.50 2.18	67.01 -0.21 1.69	74.16 -0.15 1.23	76.93 -0.39 0.34	67.16 0.34 0.00	56.69 -0.17 0.00	49.42 -0.55 0.00	44.04 -0.81 0.00
REGAN____SOLAR 323812	41.94 2.41 0.00	38.06 2.32 0.00	34.82 2.06 0.00	33.89 1.92 0.00	34.05 1.99 0.00	35.94 2.19 0.00	40.59 2.30 0.00	43.53 2.19 0.00	43.05 1.73 0.00	47.21 1.60 0.00	46.90 1.28 0.00	48.52 1.28 0.00	50.39 1.33 0.00	52.52 1.58 0.00	55.15 1.97 0.00	57.78 2.33 0.00	64.88 2.50 0.00	72.22 3.31 0.00	80.07 4.53 0.00	83.17 5.51 0.00	71.84 5.01 0.00	61.30 4.10 -0.35	54.23 3.44 -0.82	47.94 3.09 0.00
RENSSELAER____COGEN 23796	40.16 0.63 0.00	36.49 0.75 0.00	33.64 0.88 0.00	32.80 0.83 0.00	32.93 0.87 0.00	34.66 0.91 0.00	38.94 0.65 0.00	42.05 0.70 0.00	41.89 0.58 0.00	46.21 0.59 0.00	46.21 0.59 0.00	47.62 0.38 0.00	49.36 0.30 0.00	51.34 0.41 0.00	53.71 0.53 0.00	56.01 0.55 0.00	63.07 0.69 0.00	69.74 0.83 0.00	76.37 0.83 0.00	78.36 0.70 0.00	67.56 0.74 0.00	55.62 0.63 1.86	46.12 0.55 4.40	45.74 0.90 0.00
REPUBLIC_115KV_BARTNBRK 55605	44.31 4.78 0.00	40.24 4.50 0.00	36.75 4.00 0.00	35.71 3.74 0.00	35.91 3.85 0.00	37.94 4.19 0.00	42.97 4.67 0.00	46.22 4.88 0.00	45.74 4.42 0.00	50.45 4.84 0.00	50.50 4.88 0.00	52.39 5.15 0.00	54.21 5.15 0.00	55.42 4.48 0.00	58.24 5.05 0.00	61.00 5.55 0.00	67.62 5.24 0.00	75.32 6.41 0.00	82.86 7.33 0.00	85.89 8.23 0.00	74.31 7.48 0.00	63.77 6.31 -0.60	56.68 5.30 -1.42	50.72 5.87 0.00
REVERE_CPPR_DRP 24186	40.79 1.26 0.00	36.81 1.07 0.00	33.71 0.95 0.00	32.86 0.90 0.00	32.96 0.90 0.00	34.73 0.98 0.00	39.48 1.19 0.00	42.63 1.28 0.00	42.60 1.28 0.00	47.17 1.55 0.00	46.94 1.32 0.00	48.61 1.37 0.00	50.68 1.62 0.00	52.36 1.43 0.00	54.89 1.70 0.00	56.95 1.50 0.00	63.87 1.50 0.00	70.91 2.00 0.00	77.95 2.42 0.00	80.61 2.95 0.00	69.30 2.47 0.00	59.02 2.16 0.00	51.56 1.60 0.00	46.28 1.44 0.00
REYNLDPA_13_KV_LD 356490	39.81 0.28 0.00	36.02 0.28 0.00	32.92 0.16 0.00	32.13 0.16 0.00	32.29 0.23 0.00	33.95 0.20 0.00	38.75 0.46 0.00	41.67 0.33 0.00	41.73 0.41 0.00	46.12 0.50 0.00	45.98 0.36 0.00	47.53 0.29 0.00	49.45 0.39 0.00	51.30 0.36 0.00	52.76 -0.43 0.00	54.95 -0.50 0.00	61.75 -0.62 0.00	68.01 -0.90 0.00	74.55 -0.98 0.00	76.73 -0.93 0.00	66.03 -0.80 0.00	56.63 -0.23 0.00	50.21 0.25 0.00	45.12 0.27 0.00
REYNOLDS_115KV_TB3 80639	40.56 1.03 0.00	36.88 1.14 0.00	33.84 1.08 0.00	33.02 1.05 0.00	33.12 1.06 0.00	34.86 1.11 0.00	39.40 1.11 0.00	42.67 1.32 0.00	42.35 1.03 0.00	46.62 1.00 0.00	46.62 1.00 0.00	48.28 1.04 0.00	49.99 0.93 0.00	51.96 1.02 0.00	54.41 1.22 0.00	56.73 1.28 0.00	63.87 1.50 0.00	70.63 1.72 0.00	77.27 1.74 0.00	79.37 1.71 0.00	68.29 1.47 0.00	59.80 1.42 -1.52	54.75 1.20 -3.58	46.19 1.35 0.00

RIVERBAY____ 323610	41.70 2.17 0.00	37.88 2.14 0.00	34.59 1.83 0.00	34.01 2.05 0.00	33.92 1.86 0.00	35.47 1.72 0.00	40.21 1.91 0.00	43.91 2.56 0.00	44.04 2.73 0.00	48.86 3.24 0.00	49.04 3.42 0.00	51.02 3.78 0.00	52.89 3.83 0.00	55.11 4.18 0.01	57.33 4.15 0.00	59.45 3.99 0.00	67.49 5.11 0.00	75.25 6.34 0.00	82.33 6.80 0.00	84.41 6.76 0.00	71.70 4.88 0.00	60.67 3.81 0.00	53.76 3.80 0.00	48.25 3.41 0.00
RIVERSDE_115KV_TB3 55908	40.44 0.91 0.00	36.81 1.07 0.00	33.77 1.02 0.00	32.96 0.99 0.00	33.05 0.99 0.00	34.83 1.08 0.00	39.33 1.03 0.00	42.58 1.24 0.00	42.22 0.91 0.00	46.44 0.82 0.00	46.49 0.87 0.00	48.09 0.85 0.00	49.80 0.74 0.00	51.75 0.81 0.00	54.19 1.01 0.00	56.51 1.05 0.00	63.56 1.19 0.00	70.36 1.45 0.00	76.97 1.44 0.00	79.06 1.40 0.00	68.03 1.20 0.00	58.78 1.19 -0.72	52.62 0.95 -1.71	46.01 1.17 0.00
ROARING__BROOK_WT_PWR 323790	39.21 -0.32 0.00	35.41 -0.32 0.00	32.40 -0.36 0.00	31.59 -0.38 0.00	31.68 -0.38 0.00	33.38 -0.37 0.00	37.91 -0.38 0.00	40.89 -0.45 0.00	40.90 -0.41 0.00	45.21 -0.41 0.00	45.16 -0.46 0.00	46.77 -0.47 0.00	48.57 -0.49 0.00	50.43 -0.51 0.00	52.65 -0.53 0.00	54.90 -0.55 0.00	61.75 -0.62 0.00	68.29 -0.62 0.00	74.85 -0.68 0.00	76.96 -0.70 0.00	66.16 -0.67 0.00	56.29 -0.57 0.00	49.42 -0.55 0.00	44.31 -0.54 0.00
ROCHESRG_115KV_T4 355643	38.14 -1.38 0.00	33.02 -2.14 0.57	30.70 -1.93 0.12	29.98 -1.89 0.11	30.16 -1.89 0.00	31.67 -2.06 0.02	34.91 -2.26 1.12	39.14 -2.11 0.10	39.15 -1.78 0.39	43.02 -1.92 0.68	43.43 -1.87 0.32	44.21 -1.80 1.23	45.66 -1.82 1.59	46.98 -1.73 2.23	49.44 -1.70 2.04	51.72 -1.39 2.35	57.65 -1.56 3.16	64.98 -1.58 2.35	72.02 -1.66 1.85	75.15 -1.94 0.56	65.96 -0.87 0.00	54.81 -2.05 0.01	48.17 -1.80 0.00	43.14 -1.61 0.09
ROCHESTER_9_IC 23652	38.54 -0.99 0.00	33.45 -1.82 0.47	31.02 -1.64 0.10	30.32 -1.57 0.09	30.45 -1.60 0.00	31.98 -1.76 0.02	35.47 -1.91 0.91	39.61 -1.65 0.08	39.83 -1.28 0.20	43.95 -1.32 0.34	44.33 -1.28 0.02	45.32 -1.18 0.74	46.85 -1.23 0.98	48.36 -1.12 1.45	50.84 -1.06 1.28	53.13 -0.67 1.66	59.22 -0.75 2.41	66.36 -0.69 1.86	73.52 -0.68 1.34	76.42 -0.93 0.31	66.82 0.00 0.00	55.55 -1.31 0.00	48.71 -1.25 0.00	43.68 -1.17 0.00
ROCKVIEW_13_KV_LD 356306	41.03 1.50 0.00	37.27 1.54 0.00	34.10 1.34 0.00	33.31 1.34 0.00	33.31 1.25 0.00	35.13 1.38 0.00	39.75 1.46 0.00	43.45 2.11 0.00	43.50 2.19 0.00	48.13 2.51 0.00	48.40 2.78 0.00	50.27 3.02 0.00	52.10 3.04 0.00	54.30 3.36 0.00	56.64 3.46 0.00	58.95 3.49 0.00	66.87 4.49 0.00	74.42 5.51 0.00	81.50 5.97 0.00	83.64 5.98 0.00	71.10 4.28 0.00	60.22 3.35 0.00	53.01 3.05 0.00	47.36 2.51 0.00
ROME____115KV_TB2 80656	40.79 1.26 0.00	36.81 1.07 0.00	33.71 0.95 0.00	32.86 0.90 0.00	32.96 0.90 0.00	34.73 0.98 0.00	39.48 1.19 0.00	42.63 1.28 0.00	42.60 1.28 0.00	47.17 1.55 0.00	46.94 1.32 0.00	48.61 1.37 0.00	50.68 1.62 0.00	52.36 1.43 0.00	54.89 1.70 0.00	56.95 1.50 0.00	63.87 1.50 0.00	70.91 2.00 0.00	77.95 2.42 0.00	80.61 2.95 0.00	69.30 2.47 0.00	59.02 2.16 0.00	51.56 1.60 0.00	46.28 1.44 0.00
ROSETON__1 23587	40.68 1.15 0.00	36.95 1.22 0.00	33.77 1.02 0.00	33.02 1.05 0.00	33.09 1.03 0.00	34.83 1.08 0.00	39.56 1.26 0.00	42.92 1.57 0.00	42.80 1.49 0.00	47.44 1.83 0.00	47.63 2.01 0.00	49.60 2.36 0.00	51.37 2.31 0.00	53.23 2.29 0.00	55.63 2.45 0.00	57.84 2.38 0.00	65.68 3.30 0.00	72.91 4.00 0.00	79.84 4.30 0.00	82.00 4.35 0.00	69.97 3.14 0.00	58.97 2.11 0.00	51.81 1.85 0.00	46.69 1.84 0.00
ROSETON__2 23588	40.68 1.15 0.00	36.95 1.22 0.00	33.77 1.02 0.00	33.02 1.05 0.00	33.09 1.03 0.00	34.83 1.08 0.00	39.56 1.26 0.00	42.92 1.57 0.00	42.80 1.49 0.00	47.44 1.83 0.00	47.63 2.01 0.00	49.60 2.36 0.00	51.37 2.31 0.00	53.23 2.29 0.00	55.63 2.45 0.00	57.84 2.38 0.00	65.68 3.30 0.00	72.91 4.00 0.00	79.84 4.30 0.00	82.00 4.35 0.00	69.97 3.14 0.00	58.97 2.11 0.00	51.81 1.85 0.00	46.69 1.84 0.00
ROTTDRAM_115KV_TB3 80664	40.60 1.07 0.00	36.77 1.04 0.00	33.74 0.98 0.00	32.90 0.93 0.00	33.02 0.96 0.00	34.76 1.01 0.00	39.29 1.00 0.00	42.50 1.16 0.00	42.31 0.99 0.00	46.62 1.00 0.00	46.62 1.00 0.00	48.28 1.04 0.00	50.14 1.08 0.00	52.01 1.07 0.00	54.41 1.22 0.00	56.84 1.39 0.00	63.87 1.50 0.00	70.70 1.79 0.00	77.50 1.96 0.00	79.75 2.10 0.00	68.63 1.80 0.00	58.77 1.54 -0.38	52.21 1.35 -0.89	46.19 1.35 0.00
RUSSELL__1 23602	38.70 -0.83 0.00	33.60 -1.64 0.50	31.17 -1.47 0.11	30.47 -1.41 0.09	30.61 -1.44 0.00	32.11 -1.62 0.02	35.56 -1.76 0.97	39.81 -1.45 0.08	40.06 -1.03 0.22	44.20 -1.05 0.36	44.60 -1.00 0.02	45.60 -0.85 0.79	47.13 -0.88 1.05	48.62 -0.76 1.55	51.12 -0.69 1.37	53.46 -0.22 1.77	59.50 -0.31 2.57	66.72 -0.21 1.99	73.95 -0.15 1.43	76.93 -0.39 0.34	67.16 0.33 0.00	55.89 -0.97 0.00	49.01 -0.95 0.00	43.90 -0.94 0.00
RUSSELL__2 23532	38.70 -0.83 0.00	33.60 -1.64 0.50	31.17 -1.47 0.11	30.47 -1.41 0.09	30.61 -1.44 0.00	32.11 -1.62 0.02	35.56 -1.76 0.97	39.81 -1.45 0.08	40.06 -1.03 0.22	44.20 -1.05 0.36	44.60 -1.00 0.02	45.60 -0.85 0.79	47.13 -0.88 1.05	48.62 -0.76 1.55	51.12 -0.69 1.37	53.46 -0.22 1.77	59.50 -0.31 2.57	66.72 -0.21 1.99	73.95 -0.15 1.43	76.93 -0.39 0.34	67.16 0.33 0.00	55.89 -0.97 0.00	49.01 -0.95 0.00	43.90 -0.94 0.00
RUSSELL__3 23549	38.70 -0.83 0.00	33.60 -1.64 0.50	31.17 -1.47 0.11	30.47 -1.41 0.09	30.61 -1.44 0.00	32.11 -1.62 0.02	35.56 -1.76 0.97	39.81 -1.45 0.08	40.06 -1.03 0.22	44.20 -1.05 0.36	44.60 -1.00 0.02	45.60 -0.85 0.79	47.13 -0.88 1.05	48.62 -0.76 1.55	51.12 -0.69 1.37	53.46 -0.22 1.77	59.50 -0.31 2.57	66.72 -0.21 1.99	73.95 -0.15 1.43	76.93 -0.39 0.34	67.16 0.33 0.00	55.89 -0.97 0.00	49.01 -0.95 0.00	43.90 -0.94 0.00
RUSSELL__4 23556	38.70 -0.83 0.00	33.60 -1.64 0.50	31.17 -1.47 0.11	30.47 -1.41 0.09	30.61 -1.44 0.00	32.11 -1.62 0.02	35.56 -1.76 0.97	39.81 -1.45 0.08	40.06 -1.03 0.22	44.20 -1.05 0.36	44.60 -1.00 0.02	45.60 -0.85 0.79	47.13 -0.88 1.05	48.62 -0.76 1.55	51.12 -0.69 1.37	53.46 -0.22 1.77	59.50 -0.31 2.57	66.72 -0.21 1.99	73.95 -0.15 1.43	76.93 -0.39 0.34	67.16 0.33 0.00	55.89 -0.97 0.00	49.01 -0.95 0.00	43.90 -0.94 0.00
RUSSELL__STATION 23914	38.70 -0.83 0.00	33.60 -1.64 0.50	31.17 -1.47 0.11	30.47 -1.41 0.09	30.61 -1.44 0.00	32.11 -1.62 0.02	35.56 -1.76 0.97	39.81 -1.45 0.08	40.06 -1.03 0.22	44.20 -1.05 0.36	44.60 -1.00 0.02	45.60 -0.85 0.79	47.13 -0.88 1.05	48.62 -0.76 1.55	51.12 -0.69 1.37	53.46 -0.22 1.77	59.50 -0.31 2.57	66.72 -0.21 1.99	73.95 -0.15 1.43	76.93 -0.39 0.34	67.16 0.33 0.00	55.89 -0.97 0.00	49.01 -0.95 0.00	43.90 -0.94 0.00

S SALMON___HYD 24043	40.32 0.79 0.00	36.27 0.54 0.00	33.18 0.42 0.00	32.38 0.41 0.00	32.48 0.42 0.00	34.19 0.44 0.00	38.90 0.61 0.00	41.97 0.62 0.00	42.06 0.74 0.00	46.48 0.86 0.00	46.26 0.64 0.00	47.76 0.52 0.00	49.75 0.69 0.00	51.45 0.51 0.00	53.82 0.64 0.00	56.12 0.67 0.00	62.63 0.25 0.00	69.53 0.62 0.00	76.51 0.98 0.00	79.13 1.47 0.00	68.23 1.41 0.00	58.11 1.25 0.00	50.96 1.00 0.00	45.61 0.76 0.00
S.PERRY___115KV_TB1 80734	39.73 0.20 0.00	44.30 -0.57 -9.14	34.17 -0.56 -1.97	33.17 -0.48 -1.68	31.59 -0.55 -0.08	33.54 -0.51 -0.30	55.63 -0.46 -17.79	42.54 -0.33 -1.52	45.06 -0.25 -3.99	51.78 -0.50 -6.66	45.19 -0.73 -0.30	60.99 -0.71 -14.45	67.72 -0.54 -19.20	79.05 -0.41 -28.52	77.99 -0.32 -25.13	88.14 0.17 -32.52	109.81 0.19 -47.24	106.36 1.03 -36.42	103.17 1.96 -25.67	87.46 2.64 -7.16	69.83 3.01 0.00	58.26 1.31 -0.09	50.41 0.45 0.00	44.80 -0.04 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.72 -2.81 0.00	29.84 -3.22 2.68	29.23 -2.92 0.61	28.60 -2.85 0.52	29.09 -2.95 0.02	30.52 -3.14 0.09	29.78 -3.33 5.18	37.61 -3.27 0.47	37.32 -2.81 1.19	40.67 -3.01 1.94	42.52 -3.01 0.09	40.15 -2.93 4.16	40.60 -2.94 5.52	39.85 -2.80 8.28	43.17 -2.71 7.30	43.68 -2.33 9.44	45.86 -2.81 13.71	55.43 -2.83 10.66	65.90 -3.32 6.31	72.12 -3.88 1.66	64.15 -2.67 0.00	53.08 -3.75 0.03	46.32 -3.65 0.00	41.26 -3.59 0.00
SAWYER___23_KV_LOAD 55526	36.72 -2.81 0.00	29.84 -3.22 2.68	29.23 -2.92 0.61	28.60 -2.85 0.52	29.09 -2.95 0.02	30.52 -3.14 0.09	29.78 -3.33 5.18	37.61 -3.27 0.47	37.32 -2.81 1.19	40.67 -3.01 1.94	42.52 -3.01 0.09	40.15 -2.93 4.16	40.60 -2.94 5.52	39.85 -2.80 8.28	43.17 -2.71 7.30	43.68 -2.33 9.44	45.86 -2.81 13.71	55.43 -2.83 10.66	65.90 -3.32 6.31	72.12 -3.88 1.66	64.15 -2.67 0.00	53.08 -3.75 0.03	46.32 -3.65 0.00	41.26 -3.59 0.00
SELKIRK___I 23801	40.48 0.95 0.00	36.77 1.04 0.00	33.83 1.08 0.00	32.99 1.02 0.00	33.09 1.03 0.00	34.83 1.08 0.00	39.17 0.88 0.00	42.25 0.91 0.00	42.06 0.74 0.00	46.39 0.77 0.00	46.40 0.77 0.00	47.76 0.52 0.00	48.57 -0.49 0.00	50.48 -0.46 0.00	52.81 -0.37 0.00	55.07 -0.39 0.00	62.01 -0.37 0.00	68.64 -0.27 0.00	75.31 -0.23 0.00	77.43 -0.23 0.00	66.76 -0.07 0.00	55.95 0.00 0.91	48.76 0.95 2.15	46.06 1.21 0.00
SELKIRK___II 23799	40.16 0.63 0.00	36.45 0.71 0.00	33.57 0.82 0.00	32.73 0.77 0.00	32.83 0.77 0.00	34.59 0.84 0.00	38.90 0.61 0.00	42.05 0.70 0.00	41.89 0.58 0.00	46.26 0.64 0.00	46.26 0.64 0.00	47.38 0.14 0.00	49.11 0.05 0.00	51.04 0.10 0.00	53.40 0.21 0.00	55.62 0.17 0.00	62.69 0.31 0.00	69.33 0.42 0.00	75.76 0.23 0.00	77.81 0.16 0.00	67.09 0.27 0.00	56.03 0.23 1.06	47.77 0.30 2.50	45.70 0.85 0.00
SENECA OSWGO___HYD 24041	39.96 0.44 0.00	35.92 0.18 0.00	32.89 0.13 0.00	32.10 0.13 0.00	32.19 0.13 0.00	33.89 0.14 0.00	38.45 0.15 0.00	41.55 0.21 0.00	41.88 0.41 -0.15	46.35 0.46 -0.28	46.30 0.36 -0.32	47.87 0.29 -0.35	49.86 0.39 -0.41	51.81 0.41 -0.47	54.21 0.53 -0.50	56.44 0.67 -0.32	62.77 0.19 -0.21	69.45 0.49 -0.05	76.34 0.60 -0.21	78.69 0.86 -0.18	67.76 0.94 0.00	57.55 0.68 0.00	50.61 0.65 0.00	45.26 0.32 -0.10
SENECA___115KV_TB3 355854	37.08 -2.45 0.00	30.29 -2.50 2.94	29.78 -2.32 0.65	29.14 -2.27 0.56	29.63 -2.40 0.03	31.23 -2.43 0.09	29.98 -2.61 5.71	38.61 -2.23 0.51	38.08 -1.94 1.30	41.38 -2.10 2.14	43.48 -2.05 0.09	40.69 -1.94 4.62	40.97 -1.96 6.13	39.91 -1.88 9.14	43.48 -1.65 8.06	43.81 -1.22 10.42	46.20 -1.93 14.25	56.43 -1.45 11.03	67.28 -1.73 6.52	73.53 -2.25 1.88	64.95 -1.87 0.00	54.45 -2.39 0.03	47.52 -2.45 0.00	41.62 -3.23 0.00
SENECA___ENERGY 23797	39.84 0.31 0.00	37.22 0.07 -1.41	33.09 0.03 -0.30	32.26 0.03 -0.26	32.10 0.03 -0.01	33.86 0.07 -0.05	41.23 0.19 -2.75	41.91 0.33 -0.23	43.07 0.54 -1.22	48.26 0.50 -2.14	47.40 0.46 -1.33	51.19 0.33 -3.62	54.15 0.49 -4.60	57.76 0.56 -6.27	59.73 0.69 -5.86	62.71 0.94 -6.31	71.04 0.87 -7.79	76.08 1.59 -5.58	82.04 1.89 -4.62	81.60 2.17 -1.78	68.69 1.87 0.00	58.01 1.14 -0.01	50.57 0.60 0.00	45.25 0.00 -0.40
SHOEMAKER___GT 23640	41.19 1.66 0.00	37.42 1.68 0.00	34.13 1.38 0.00	33.37 1.41 0.00	33.37 1.31 0.00	35.17 1.42 0.00	39.98 1.68 0.00	43.33 1.98 0.00	43.18 1.86 0.00	47.76 2.14 0.00	47.95 2.33 0.00	49.93 2.69 0.00	51.76 2.70 0.00	53.69 2.75 0.00	56.21 3.03 0.00	58.39 2.94 0.00	66.49 4.12 0.00	74.01 5.10 0.00	81.20 5.67 0.00	83.56 5.90 0.00	71.17 4.34 0.00	59.93 3.07 0.00	52.46 2.50 0.00	47.18 2.33 0.00
SHOEMAKR_138KV_BK 111 55601	41.07 1.54 0.00	37.31 1.57 0.00	34.10 1.34 0.00	33.28 1.31 0.00	33.31 1.25 0.00	35.13 1.38 0.00	39.71 1.42 0.00	43.25 1.90 0.00	43.26 1.94 0.00	47.76 2.14 0.00	47.95 2.33 0.00	49.79 2.55 0.00	51.61 2.55 0.00	53.74 2.80 0.00	56.16 2.98 0.00	58.39 2.94 0.00	66.31 3.93 0.00	73.94 5.03 0.00	81.12 5.59 0.00	83.40 5.75 0.00	70.90 4.08 0.00	60.05 3.18 0.00	52.76 2.80 0.00	47.13 2.29 0.00
SHOREHAM_IC_1 23715	42.18 2.65 0.00	37.99 2.25 0.00	34.56 1.80 0.00	33.69 1.73 0.00	33.73 1.67 0.00	35.84 2.09 0.00	40.63 2.34 0.00	44.28 2.94 0.00	43.50 2.19 0.00	47.21 1.60 0.00	47.58 1.96 0.00	49.65 2.41 0.00	50.78 1.72 0.00	52.66 1.73 0.01	55.52 2.34 0.00	57.44 1.99 0.01	65.19 2.81 0.00	72.36 3.44 0.00	81.79 3.70 -2.55	83.85 4.58 -1.61	72.60 3.87 -1.91	59.82 2.11 -0.86	50.51 0.55 0.00	47.22 2.38 0.00
SHOREHAM_IC_2 23716	42.18 2.65 0.00	37.99 2.25 0.00	34.56 1.80 0.00	33.69 1.73 0.00	33.73 1.67 0.00	35.84 2.09 0.00	40.63 2.34 0.00	44.28 2.94 0.00	43.50 2.19 0.00	47.21 1.60 0.00	47.58 1.96 0.00	49.65 2.41 0.00	50.78 1.72 0.00	52.66 1.73 0.01	55.52 2.34 0.00	57.44 1.99 0.01	65.19 2.81 0.00	72.36 3.44 0.00	81.79 3.70 -2.55	83.85 4.58 -1.61	72.60 3.87 -1.91	59.82 2.11 -0.86	50.51 0.55 0.00	47.22 2.38 0.00
SISSONVILLE____ 23735	39.41 -0.12 0.00	35.84 0.11 0.00	32.72 -0.03 0.00	31.94 -0.03 0.00	32.09 0.03 0.00	33.75 0.00 0.00	38.52 0.23 0.00	41.47 0.12 0.00	41.44 0.12 0.00	45.80 0.18 0.00	45.48 -0.14 0.00	46.96 -0.28 0.00	48.96 -0.10 0.00	50.63 -0.31 0.00	52.23 -0.96 0.00	54.12 -1.33 0.00	60.63 -1.75 0.00	66.84 -2.07 0.00	73.57 -1.96 0.00	75.95 -1.71 0.00	65.29 -1.54 0.00	56.01 -0.85 0.00	49.46 -0.50 0.00	44.62 -0.22 0.00
SITHE_IND_GS1 24169	38.46 -1.07 0.00	34.59 -1.14 0.00	31.74 -1.02 0.00	30.98 -0.99 0.00	31.07 -0.99 0.00	32.67 -1.08 0.00	37.07 -1.23 0.00	39.94 -1.41 0.00	35.10 -1.36 4.85	35.10 -1.60 8.92	33.73 -1.60 10.29	34.46 -1.65 11.13	34.25 -1.72 13.09	34.20 -1.78 14.95	35.46 -1.81 15.91	43.30 -1.78 10.38	53.62 -2.12 6.64	65.00 -2.21 1.70	66.52 -2.42 6.59	69.53 -2.41 5.72	64.88 -1.94 0.00	55.10 -1.76 0.00	48.32 -1.65 0.00	40.03 -1.61 3.20

SITHE_IND_GS2 24170	38.46 -1.07 0.00	34.59 -1.14 0.00	31.74 -1.02 0.00	30.98 -0.99 0.00	31.07 -0.99 0.00	32.67 -1.08 0.00	37.07 -1.23 0.00	39.94 -1.41 0.00	35.10 -1.36 4.85	35.10 -1.60 8.92	33.73 -1.60 10.29	34.46 -1.65 11.13	34.25 -1.72 13.09	34.20 -1.78 14.95	35.46 -1.81 15.91	43.30 -1.78 10.38	53.62 -2.12 6.64	65.00 -2.21 1.70	66.52 -2.42 6.59	69.53 -2.41 5.72	64.88 -1.94 0.00	55.10 -1.76 0.00	48.32 -1.65 0.00	40.03 -1.61 3.20
SITHE_IND_GS3 24171	38.46 -1.07 0.00	34.59 -1.14 0.00	31.74 -1.02 0.00	30.98 -0.99 0.00	31.07 -0.99 0.00	32.67 -1.08 0.00	37.07 -1.23 0.00	39.94 -1.41 0.00	35.10 -1.36 4.85	35.10 -1.60 8.92	33.73 -1.60 10.29	34.46 -1.65 11.13	34.25 -1.72 13.09	34.20 -1.78 14.95	35.46 -1.81 15.91	43.30 -1.78 10.38	53.62 -2.12 6.64	65.00 -2.21 1.70	66.52 -2.42 6.59	69.53 -2.41 5.72	64.88 -1.94 0.00	55.10 -1.76 0.00	48.32 -1.65 0.00	40.03 -1.61 3.20
SITHE_IND_GS4 24172	38.46 -1.07 0.00	34.59 -1.14 0.00	31.74 -1.02 0.00	30.98 -0.99 0.00	31.07 -0.99 0.00	32.67 -1.08 0.00	37.07 -1.23 0.00	39.94 -1.41 0.00	35.10 -1.36 4.85	35.10 -1.60 8.92	33.73 -1.60 10.29	34.46 -1.65 11.13	34.25 -1.72 13.09	34.20 -1.78 14.95	35.46 -1.81 15.91	43.30 -1.78 10.38	53.62 -2.12 6.64	65.00 -2.21 1.70	66.52 -2.42 6.59	69.53 -2.41 5.72	64.88 -1.94 0.00	55.10 -1.76 0.00	48.32 -1.65 0.00	40.03 -1.61 3.20
SITHE___BATAVIA 24024	37.95 -1.58 0.00	31.94 -2.18 1.61	30.44 -1.96 0.35	29.88 -1.79 0.30	30.06 -1.99 0.01	31.53 -2.16 0.06	33.02 -2.14 3.13	39.21 -1.86 0.27	39.33 -1.28 0.71	42.84 -1.60 1.18	43.83 -1.73 0.06	43.23 -1.46 2.55	44.21 -1.47 3.38	44.55 -1.37 5.02	47.59 -1.17 4.42	49.13 -0.61 5.72	53.49 -1.19 7.70	62.32 -0.62 5.97	70.52 -0.68 4.34	75.56 -0.93 1.17	66.49 -0.33 0.00	55.82 -1.02 0.02	48.66 -1.30 0.00	43.01 -1.84 0.00
SITHE___INDEPEND 23800	38.46 -1.07 0.00	34.59 -1.14 0.00	31.71 -1.05 0.00	30.98 -0.99 0.00	31.03 -1.03 0.00	32.67 -1.08 0.00	37.07 -1.23 0.00	39.81 -1.53 0.00	34.98 -1.49 4.85	35.10 -1.60 8.92	33.73 -1.60 10.29	34.46 -1.65 11.13	34.25 -1.72 13.09	34.25 -1.73 14.95	35.46 -1.81 15.91	43.25 -1.83 10.38	53.68 -2.06 6.64	65.00 -2.21 1.70	66.52 -2.42 6.60	69.53 -2.41 5.72	64.89 -1.94 0.00	54.98 -1.88 0.00	48.27 -1.70 0.00	40.03 -1.61 3.20
SITHE___MASSENA 23902	39.77 0.24 0.00	35.99 0.25 0.00	32.85 0.10 0.00	32.10 0.13 0.00	32.22 0.16 0.00	33.92 0.17 0.00	38.68 0.38 0.00	41.59 0.25 0.00	41.61 0.29 0.00	45.98 0.36 0.00	45.85 0.23 0.00	47.38 0.14 0.00	49.31 0.25 0.00	51.19 0.26 0.00	53.08 -0.11 0.00	55.29 -0.17 0.00	62.07 -0.31 0.00	68.36 -0.55 0.00	75.01 -0.53 0.00	77.27 -0.39 0.00	66.43 -0.40 0.00	56.92 0.06 0.00	50.11 0.15 0.00	45.03 0.18 0.00
SITHE___OGDNSBRG 24021	40.08 0.55 0.00	36.42 0.68 0.00	33.25 0.49 0.00	32.45 0.48 0.00	32.60 0.55 0.00	34.32 0.57 0.00	39.17 0.88 0.00	42.54 1.20 0.00	42.18 0.87 0.00	46.39 0.78 0.00	45.85 0.23 0.00	47.24 0.00 0.00	49.31 0.25 0.00	50.94 0.00 0.00	52.60 -0.59 0.00	54.45 -1.00 0.00	61.63 -0.75 0.00	68.02 -0.90 0.00	75.01 -0.53 0.00	77.66 0.00 0.00	66.82 0.00 0.00	57.32 0.45 0.00	50.56 0.60 0.00	45.52 0.67 0.00
SITHE___STERLING 23777	40.48 0.95 0.00	36.49 0.75 0.00	33.44 0.69 0.00	32.61 0.64 0.00	32.67 0.61 0.00	34.43 0.67 0.00	39.13 0.84 0.00	42.25 0.91 0.00	42.22 0.91 0.00	46.71 1.09 0.00	46.58 0.96 0.00	48.24 0.99 0.00	50.19 1.13 0.00	51.96 1.02 0.00	54.41 1.22 0.00	56.56 1.11 0.00	63.50 1.12 0.00	70.43 1.51 0.00	77.34 1.81 0.00	79.91 2.25 0.00	68.76 1.94 0.00	58.51 1.65 0.00	51.21 1.25 0.00	45.83 0.99 0.00
SLEIGHT__34_KV_TB1 80719	38.70 -0.83 0.00	34.30 -1.43 0.00	31.45 -1.31 0.00	30.72 -1.25 0.00	30.84 -1.22 0.00	32.40 -1.35 0.00	36.83 -1.46 0.01	39.98 -1.36 0.00	40.28 -1.03 0.00	44.52 -1.09 0.00	44.57 -1.05 0.00	46.15 -1.09 0.01	47.97 -1.08 0.01	49.91 -1.02 0.01	52.21 -0.96 0.01	54.72 -0.72 0.02	61.54 -0.81 0.02	68.27 -0.62 0.02	74.88 -0.60 0.05	76.95 -0.70 0.01	66.82 0.00 0.00	55.89 -0.97 0.00	48.96 -1.00 0.00	43.86 -0.99 0.00
SOUTH CAIRO___GT 23612	41.62 2.09 0.00	37.88 2.14 0.00	34.69 1.93 0.00	33.82 1.85 0.00	33.89 1.83 0.00	35.71 1.96 0.00	40.28 1.99 0.00	43.45 2.11 0.00	42.93 1.61 0.00	47.03 1.41 0.00	46.94 1.32 0.00	48.56 1.32 0.00	50.14 1.08 0.00	51.96 1.02 0.00	54.51 1.33 0.00	56.78 1.33 0.00	64.19 1.81 0.00	71.53 2.62 0.00	78.78 3.25 0.00	81.31 3.65 0.00	69.83 3.01 0.00	58.93 3.07 1.00	49.95 2.35 2.36	47.31 2.47 0.00
SOUTH HAMPTN___IC 23720	42.14 2.61 0.00	37.95 2.22 0.00	34.52 1.77 0.00	33.66 1.69 0.00	33.69 1.63 0.00	35.81 2.06 0.00	40.59 2.30 0.00	44.32 2.98 0.00	43.67 2.35 0.00	47.49 1.87 0.00	47.95 2.33 0.00	50.08 2.83 0.00	51.22 2.16 0.00	53.17 2.24 0.01	55.95 2.76 0.00	57.94 2.50 0.01	65.81 3.43 0.00	72.98 4.06 0.00	82.35 4.30 -2.51	84.29 5.04 -1.59	72.99 4.14 -2.02	60.10 2.33 -0.91	50.71 0.75 0.00	47.36 2.51 0.00
SOUTHDOW__115KV_TB1 355954	37.24 -2.29 0.00	31.06 -2.04 2.64	30.30 -1.87 0.59	29.74 -1.73 0.50	30.18 -1.86 0.02	32.02 -1.65 0.08	31.52 -1.65 5.13	39.57 -1.32 0.45	39.16 -0.99 1.17	42.96 -0.73 1.92	44.86 -0.68 0.08	42.39 -0.71 4.15	42.82 -0.74 5.50	42.06 -0.66 8.21	45.52 -0.43 7.24	46.04 -0.06 9.36	48.78 0.00 13.60	58.95 0.55 10.51	70.00 0.68 6.21	76.56 0.54 1.64	66.96 0.13 0.00	56.21 -0.63 0.03	48.07 -1.90 0.00	42.07 -2.78 0.00
SOUTHOLD__69_KV_BK 2 55809	41.35 1.82 0.00	37.52 1.79 0.00	34.33 1.57 0.00	33.38 1.41 0.00	33.41 1.35 0.00	35.51 1.76 0.00	39.98 1.68 0.00	43.99 2.65 0.00	43.88 2.56 0.00	47.49 1.87 0.00	48.13 2.51 0.00	49.93 2.69 0.00	51.27 2.21 0.00	53.78 2.85 0.01	56.53 3.35 0.00	58.77 3.33 0.01	66.68 4.30 0.00	74.56 5.65 0.00	84.54 6.50 -2.51	85.30 6.06 -1.59	73.05 4.21 -2.01	61.75 3.98 -0.90	53.46 3.50 0.00	47.85 3.00 0.00
SOUTHOLD___IC 23719	41.94 2.41 0.00	37.74 2.00 0.00	34.33 1.57 0.00	33.47 1.50 0.00	33.50 1.44 0.00	35.61 1.86 0.00	40.40 2.10 0.00	44.24 2.89 0.00	43.63 2.31 0.00	47.44 1.83 0.00	47.99 2.37 0.00	50.17 2.93 0.00	51.32 2.26 0.00	53.27 2.34 0.01	56.11 2.92 0.00	58.11 2.66 0.01	66.06 3.68 0.00	73.12 4.20 0.00	82.50 4.46 -2.51	84.45 5.20 -1.59	72.98 4.14 -2.01	60.10 2.33 -0.90	50.61 0.65 0.00	47.22 2.38 0.00
SOUTH_FORK_WT_PWR 323839	41.46 1.94 0.00	37.31 1.57 0.00	33.93 1.18 0.00	33.06 1.09 0.00	33.09 1.03 0.00	35.20 1.45 0.00	39.90 1.61 0.00	43.78 2.44 0.00	43.13 1.82 0.00	46.94 1.32 0.00	47.49 1.87 0.00	49.65 2.41 0.00	50.73 1.67 0.00	52.71 1.78 0.01	55.47 2.29 0.00	57.44 1.99 0.01	65.31 2.93 0.00	72.22 3.31 0.00	81.52 3.48 -2.51	83.44 4.19 -1.59	72.05 3.21 -2.02	59.36 1.59 -0.91	49.96 0.00 0.00	46.64 1.80 0.00

SPIERFLS_115KV_TB 1 80737	42.10 2.57 0.00	38.20 2.47 0.00	34.95 2.19 0.00	34.05 2.08 0.00	34.21 2.15 0.00	36.05 2.30 0.00	40.82 2.53 0.00	44.11 2.77 0.00	43.84 2.52 0.00	48.31 2.69 0.00	48.36 2.74 0.00	50.12 2.88 0.00	51.96 2.89 0.00	52.77 1.83 0.00	55.36 2.18 0.00	57.89 2.44 0.00	64.31 1.93 0.00	71.32 2.41 0.00	78.10 2.57 0.00	80.45 2.80 0.00	69.36 2.54 0.00	59.60 2.16 -0.58	53.38 2.05 -1.36	47.94 3.09 0.00
ST LAWRENCE____ 23600	39.41 -0.12 0.00	35.63 -0.11 0.00	32.59 -0.16 0.00	31.81 -0.16 0.00	31.93 -0.13 0.00	33.62 -0.13 0.00	38.29 0.00 0.00	41.26 -0.08 0.00	41.27 -0.04 0.00	45.62 0.00 0.00	45.53 -0.09 0.00	47.10 -0.14 0.00	48.96 -0.10 0.00	50.84 -0.10 0.00	52.81 -0.37 0.00	55.07 -0.39 0.00	61.88 -0.50 0.00	68.15 -0.76 0.00	74.71 -0.83 0.00	76.88 -0.78 0.00	66.16 -0.67 0.00	56.58 -0.28 0.00	49.81 -0.15 0.00	44.71 -0.13 0.00
STATE_CA_115KV_115_LB 55624	40.48 0.95 0.00	36.88 1.14 0.00	33.84 1.08 0.00	32.99 1.02 0.00	33.09 1.03 0.00	34.86 1.11 0.00	39.37 1.07 0.00	42.63 1.28 0.00	42.22 0.91 0.00	46.48 0.87 0.00	46.53 0.91 0.00	48.14 0.90 0.00	49.85 0.78 0.00	51.75 0.81 0.00	54.19 1.01 0.00	56.56 1.11 0.00	63.56 1.19 0.00	70.36 1.45 0.00	77.05 1.51 0.00	79.13 1.48 0.00	68.09 1.27 0.00	58.37 1.19 -0.31	51.66 0.95 -0.74	46.06 1.21 0.00
STATE_ST_34_KV_LOAD 55959	39.69 0.16 0.00	36.29 -0.11 -0.66	32.77 -0.13 -0.14	31.96 -0.13 -0.12	31.94 -0.13 -0.01	33.64 -0.14 -0.02	39.46 -0.11 -1.29	41.29 -0.17 -0.11	42.26 0.04 -0.91	47.32 0.09 -1.62	47.00 0.05 -1.33	49.70 0.00 -2.46	52.16 0.05 -3.05	55.05 0.15 -3.96	57.23 0.21 -3.84	59.51 0.39 -3.67	67.01 0.37 -4.26	72.52 0.76 -2.85	79.20 0.98 -2.68	80.12 1.24 -1.22	68.09 1.27 0.00	57.49 0.63 -0.01	50.16 0.20 0.00	45.21 -0.04 -0.41
STATION 5_MISC_HYD 23604	38.50 -1.03 0.00	33.52 -1.75 0.47	31.05 -1.60 0.10	30.32 -1.57 0.09	30.49 -1.57 0.00	32.02 -1.72 0.02	35.47 -1.91 0.91	39.78 -1.49 0.08	39.91 -1.20 0.20	43.95 -1.32 0.34	44.33 -1.28 0.02	45.32 -1.18 0.74	46.85 -1.22 0.98	48.36 -1.12 1.45	50.84 -1.06 1.28	53.19 -0.61 1.66	59.36 -1.00 2.02	66.72 -0.62 1.57	73.72 -0.68 1.14	76.42 -0.93 0.31	66.76 -0.07 0.00	56.29 -0.57 0.00	49.11 -0.85 0.00	43.77 -1.08 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.62 -0.91 0.00	33.82 -1.54 0.38	31.27 -1.41 0.08	30.56 -1.34 0.07	30.71 -1.35 0.00	32.25 -1.49 0.01	35.95 -1.61 0.74	39.83 -1.45 0.06	40.08 -1.07 0.17	44.20 -1.14 0.28	44.51 -1.09 0.01	45.55 -1.09 0.60	47.18 -1.08 0.80	48.73 -1.02 1.18	51.18 -0.96 1.04	53.44 -0.67 1.35	59.67 -0.75 1.96	66.78 -0.62 1.51	73.83 -0.60 1.10	76.87 -0.78 0.01	66.76 -0.07 0.00	55.72 -1.14 0.00	48.86 -1.10 0.00	43.77 -1.08 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.30 -1.23 0.00	33.29 -1.97 0.48	30.85 -1.80 0.10	30.15 -1.73 0.09	30.32 -1.73 0.00	31.84 -1.89 0.02	35.29 -2.07 0.94	39.40 -1.86 0.08	39.62 -1.49 0.21	43.67 -1.60 0.35	44.10 -1.51 0.02	45.06 -1.42 0.77	46.57 -1.47 1.02	48.05 -1.38 1.51	50.53 -1.33 1.33	52.74 -1.00 1.72	58.76 -1.12 2.49	65.95 -1.03 1.93	73.01 -1.13 1.39	75.93 -1.40 0.33	66.36 -0.47 0.00	55.21 -1.65 0.00	48.46 -1.50 0.00	43.46 -1.39 0.00
STA_56____34_KV_BUS2 355983	38.30 -1.23 0.00	33.29 -1.97 0.48	30.85 -1.80 0.10	30.15 -1.73 0.09	30.32 -1.73 0.00	31.84 -1.89 0.02	35.29 -2.07 0.94	39.40 -1.86 0.08	39.62 -1.49 0.21	43.67 -1.60 0.35	44.10 -1.51 0.02	45.06 -1.42 0.77	46.57 -1.47 1.02	48.05 -1.38 1.51	50.53 -1.33 1.33	52.74 -1.00 1.72	58.76 -1.12 2.49	65.95 -1.03 1.93	73.01 -1.13 1.39	75.93 -1.40 0.33	66.36 -0.47 0.00	55.21 -1.65 0.00	48.46 -1.50 0.00	43.46 -1.39 0.00
STA_67____115KV_BK2 355882	38.46 -1.07 0.00	33.39 -1.89 0.46	30.95 -1.70 0.10	30.25 -1.63 0.08	30.42 -1.64 0.00	31.91 -1.82 0.01	35.41 -1.99 0.89	39.49 -1.78 0.08	39.75 -1.36 0.20	43.82 -1.46 0.33	44.19 -1.41 0.01	45.19 -1.32 0.72	46.77 -1.32 0.96	48.29 -1.22 1.43	50.76 -1.17 1.26	53.00 -0.83 1.63	59.08 -0.94 2.36	66.26 -0.83 1.83	73.32 -0.91 1.31	76.19 -1.16 0.30	66.62 -0.20 0.00	55.38 -1.48 0.00	48.61 -1.35 0.00	43.59 -1.26 0.00
STA_7____115KV_9TRANS 80674	38.70 -0.83 0.00	33.60 -1.64 0.50	31.17 -1.47 0.11	30.47 -1.41 0.09	30.61 -1.44 0.00	32.11 -1.62 0.02	35.56 -1.76 0.97	39.81 -1.45 0.08	40.06 -1.03 0.22	44.20 -1.05 0.36	44.60 -1.00 0.02	45.60 -0.85 0.79	47.13 -0.88 1.05	48.62 -0.76 1.55	51.12 -0.69 1.37	53.46 -0.22 1.77	59.50 -0.31 2.57	66.72 -0.21 1.99	73.95 -0.15 1.43	76.93 -0.39 0.34	67.16 0.33 0.00	55.89 -0.97 0.00	49.01 -0.95 0.00	43.90 -0.94 0.00
STA_82____115KV_TB1 80780	38.34 -1.19 0.00	33.32 -1.97 0.45	30.89 -1.77 0.10	30.19 -1.69 0.08	30.36 -1.70 0.00	31.85 -1.89 0.01	35.35 -2.07 0.87	39.41 -1.86 0.07	39.63 -1.49 0.20	43.69 -1.60 0.33	44.05 -1.55 0.01	45.07 -1.46 0.71	46.65 -1.47 0.94	48.16 -1.38 1.40	50.62 -1.33 1.23	52.86 -1.00 1.59	58.94 -1.12 2.31	66.07 -1.03 1.80	73.18 -1.06 1.29	76.05 -1.32 0.29	66.49 -0.33 0.00	55.27 -1.59 0.00	48.51 -1.45 0.00	43.50 -1.35 0.00
STEEL____WIND 323596	37.04 -2.49 0.00	30.26 -2.54 2.94	29.78 -2.32 0.65	29.11 -2.30 0.56	29.60 -2.44 0.03	31.20 -2.46 0.09	29.94 -2.64 5.71	38.52 -2.31 0.51	38.03 -1.98 1.30	41.33 -2.14 2.14	43.39 -2.14 0.09	40.60 -2.03 4.62	40.88 -2.06 6.13	39.86 -1.94 9.14	43.37 -1.75 8.06	43.70 -1.33 10.42	46.07 -2.06 14.25	56.37 -1.52 11.03	67.13 -1.89 6.52	73.45 -2.33 1.88	64.88 -1.94 0.00	54.33 -2.50 0.03	47.47 -2.50 0.00	41.57 -3.27 0.00
STEPHTWN_115KV_BK_2 55603	40.63 1.11 0.00	37.02 1.29 0.00	33.93 1.18 0.00	33.09 1.12 0.00	33.21 1.15 0.00	35.00 1.25 0.00	39.56 1.26 0.00	42.79 1.45 0.00	42.39 1.07 0.00	46.62 1.00 0.00	46.67 1.05 0.00	48.28 1.04 0.00	49.89 0.83 0.00	51.85 0.92 0.00	54.30 1.12 0.00	56.67 1.22 0.00	63.81 1.43 0.00	70.63 1.72 0.00	77.35 1.81 0.00	79.52 1.86 0.00	68.43 1.60 0.00	56.48 1.48 1.86	46.72 1.15 4.40	46.28 1.44 0.00
STEBEN_REC_LFGE 323667	39.05 -0.47 0.00	42.51 -0.86 -7.63	33.52 -0.88 -1.64	32.51 -0.86 -1.40	31.23 -0.90 -0.07	33.19 -0.81 -0.25	52.53 -0.61 -14.85	42.16 -0.45 -1.27	44.91 0.00 -3.59	51.61 -0.05 -6.04	46.10 -0.32 -0.80	59.39 -0.52 -12.66	65.45 -0.34 -16.73	75.29 -0.25 -24.61	74.75 -0.27 -21.83	83.15 0.00 -27.70	102.00 -0.19 -39.81	99.97 0.55 -30.51	98.53 1.13 -21.86	85.26 1.48 -6.12	68.36 1.54 0.00	57.22 0.28 -0.08	49.11 -0.85 0.00	43.67 -1.35 -0.17
STILLWATER____SOLAR 323814	41.50 1.98 0.00	37.67 1.93 0.00	34.56 1.80 0.00	33.63 1.66 0.00	33.76 1.70 0.00	35.57 1.82 0.00	40.25 1.95 0.00	43.41 2.07 0.00	43.18 1.86 0.00	47.62 2.00 0.00	47.63 2.01 0.00	49.32 2.08 0.00	51.12 2.06 0.00	53.23 2.29 0.00	55.36 2.18 0.00	57.84 2.38 0.00	64.81 2.43 0.00	71.81 2.89 0.00	78.71 3.17 0.00	80.92 3.26 0.00	69.83 3.01 0.00	60.10 2.56 -0.68	54.21 2.65 -1.60	47.36 2.51 0.00

STONY___BROOK 24151	42.18 2.65 0.00	37.99 2.25 0.00	34.56 1.80 0.00	33.69 1.73 0.00	33.73 1.67 0.00	35.84 2.09 0.00	40.63 2.34 0.00	44.28 2.94 0.00	43.67 2.35 0.00	47.62 2.00 0.00	48.22 2.60 0.00	50.31 3.07 0.00	51.46 2.40 0.00	53.37 2.44 0.01	55.95 2.76 0.00	57.88 2.44 0.01	65.74 3.37 0.00	72.91 4.00 0.00	82.34 4.00 -2.80	83.93 4.50 -1.77	72.02 3.74 -1.45	59.73 2.22 -0.65	50.91 0.95 0.00	47.58 2.74 0.00
STURGEON_POOL_HYD 23609	41.07 1.54 0.00	37.27 1.54 0.00	34.07 1.31 0.00	33.28 1.31 0.00	33.28 1.22 0.00	35.10 1.35 0.00	39.67 1.38 0.00	43.25 1.90 0.00	43.30 1.98 0.00	47.85 2.24 0.00	48.04 2.42 0.00	49.93 2.69 0.00	51.81 2.75 0.00	54.04 3.11 0.00	56.43 3.24 0.00	58.67 3.22 0.00	66.56 4.18 0.00	74.15 5.24 0.00	81.28 5.74 0.00	83.40 5.75 0.00	70.83 4.01 0.00	60.01 3.35 0.20	52.53 3.05 0.48	47.18 2.33 0.00
ST_LAW_115_BK7_LBMP 345037	39.41 -0.12 0.00	35.63 -0.11 0.00	32.59 -0.16 0.00	31.81 -0.16 0.00	31.93 -0.13 0.00	33.62 -0.13 0.00	38.29 0.00 0.00	41.22 -0.12 0.00	41.23 -0.08 0.00	45.57 -0.05 0.00	45.48 -0.14 0.00	47.05 -0.19 0.00	48.91 -0.15 0.00	50.78 -0.15 0.00	52.70 -0.48 0.00	54.95 -0.50 0.00	61.75 -0.62 0.00	68.01 -0.90 0.00	74.55 -0.98 0.00	76.73 -0.93 0.00	66.03 -0.80 0.00	56.52 -0.34 0.00	49.76 -0.20 0.00	44.67 -0.18 0.00
ST_LAW_115_BK8_LBMP 345038	39.41 -0.12 0.00	35.63 -0.11 0.00	32.59 -0.16 0.00	31.81 -0.16 0.00	31.93 -0.13 0.00	33.62 -0.13 0.00	38.29 0.00 0.00	41.22 -0.12 0.00	41.23 -0.08 0.00	45.57 -0.05 0.00	45.48 -0.14 0.00	47.05 -0.19 0.00	48.91 -0.15 0.00	50.78 -0.15 0.00	52.70 -0.48 0.00	54.95 -0.50 0.00	61.75 -0.62 0.00	68.01 -0.90 0.00	74.55 -0.98 0.00	76.73 -0.93 0.00	66.03 -0.80 0.00	56.52 -0.34 0.00	49.76 -0.20 0.00	44.67 -0.18 0.00
ST_LAW_230_BK5_LBMP 345035	39.41 -0.12 0.00	35.63 -0.11 0.00	32.59 -0.16 0.00	31.81 -0.16 0.00	31.93 -0.13 0.00	33.62 -0.13 0.00	38.29 0.00 0.00	41.26 -0.08 0.00	41.27 -0.04 0.00	45.62 0.00 0.00	45.53 -0.09 0.00	47.10 -0.14 0.00	48.96 -0.10 0.00	50.84 -0.10 0.00	52.81 -0.37 0.00	55.07 -0.39 0.00	61.88 -0.50 0.00	68.15 -0.76 0.00	74.71 -0.83 0.00	76.88 -0.78 0.00	66.16 -0.67 0.00	56.58 -0.28 0.00	49.81 -0.15 0.00	44.71 -0.13 0.00
ST_LAW_230_BK6_LBMP 345036	39.41 -0.12 0.00	35.63 -0.11 0.00	32.59 -0.16 0.00	31.81 -0.16 0.00	31.93 -0.13 0.00	33.62 -0.13 0.00	38.29 0.00 0.00	41.26 -0.08 0.00	41.27 -0.04 0.00	45.62 0.00 0.00	45.53 -0.09 0.00	47.10 -0.14 0.00	48.96 -0.10 0.00	50.84 -0.10 0.00	52.81 -0.37 0.00	55.07 -0.39 0.00	61.88 -0.50 0.00	68.15 -0.76 0.00	74.71 -0.83 0.00	76.88 -0.78 0.00	66.16 -0.67 0.00	56.58 -0.28 0.00	49.81 -0.15 0.00	44.71 -0.13 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.75 1.23 0.00	36.99 1.25 0.00	33.84 1.08 0.00	33.06 1.09 0.00	33.05 0.99 0.00	34.86 1.11 0.00	39.44 1.15 0.00	42.96 1.61 0.00	43.01 1.69 0.00	47.53 1.92 0.00	47.72 2.10 0.00	49.56 2.31 0.00	51.37 2.31 0.00	53.43 2.50 0.00	55.84 2.66 0.00	58.06 2.61 0.00	65.81 3.43 0.00	73.25 4.34 0.00	80.29 4.76 0.00	82.47 4.81 0.00	70.17 3.34 0.00	59.42 2.56 0.00	52.31 2.35 0.00	46.77 1.93 0.00
SWANROAD_115KV_TB1 355699	35.77 -3.76 0.00	29.82 -3.68 2.24	28.92 -3.34 0.50	28.28 -3.26 0.42	28.48 -3.56 0.02	29.64 -4.02 0.09	30.04 -3.91 4.35	37.03 -3.93 0.38	36.90 -3.43 0.99	40.10 -3.88 1.64	41.43 -4.11 0.09	39.97 -3.73 3.54	40.53 -3.83 4.70	40.36 -3.62 6.96	43.48 -3.56 6.14	44.35 -3.16 7.94	47.11 -3.74 11.52	55.79 -4.13 8.99	63.75 -5.06 6.73	70.23 -5.75 1.68	62.35 -4.48 0.00	51.38 -5.46 0.02	45.02 -4.95 0.00	40.27 -4.57 0.00
SYNERGY___BIOGAS 323694	37.95 -1.58 0.00	32.05 -2.07 1.61	30.53 -1.87 0.35	29.88 -1.79 0.30	30.06 -1.99 0.01	31.46 -2.23 0.06	33.02 -2.14 3.13	39.25 -1.82 0.27	39.24 -1.36 0.71	42.84 -1.60 1.18	43.83 -1.73 0.06	43.28 -1.42 2.55	44.21 -1.47 3.38	44.60 -1.32 5.02	47.54 -1.22 4.42	49.07 -0.67 5.72	53.26 -0.81 8.30	61.86 -0.62 6.43	70.21 -0.68 4.64	75.54 -0.93 1.18	66.56 -0.27 0.00	55.03 -1.82 0.02	48.07 -1.90 0.00	42.87 -1.97 0.00
SYRACUSE___ENERGY_ST1 323597	39.61 0.08 0.00	35.59 -0.14 0.00	32.62 -0.13 0.00	31.84 -0.13 0.00	31.93 -0.13 0.00	33.58 -0.17 0.00	38.10 -0.19 0.00	41.10 -0.25 0.00	41.78 -0.08 -0.55	46.58 -0.05 -1.01	46.74 -0.05 -1.16	48.41 -0.09 -1.26	50.49 -0.05 -1.48	52.63 0.00 -1.69	55.04 0.05 -1.80	56.68 0.06 -1.17	63.13 0.00 -0.75	69.31 0.21 -0.19	76.58 0.30 -0.75	78.69 0.39 -0.65	67.36 0.53 0.00	56.97 0.11 0.00	49.96 0.00 0.00	45.03 -0.18 -0.36
SYRACUSE___ENERGY_ST2 323598	39.61 0.08 0.00	35.59 -0.14 0.00	32.62 -0.13 0.00	31.84 -0.13 0.00	31.93 -0.13 0.00	33.58 -0.17 0.00	38.10 -0.19 0.00	41.10 -0.25 0.00	41.78 -0.08 -0.55	46.58 -0.05 -1.01	46.74 -0.05 -1.16	48.41 -0.09 -1.26	50.49 -0.05 -1.48	52.63 0.00 -1.69	55.04 0.05 -1.80	56.68 0.06 -1.17	63.13 0.00 -0.75	69.31 0.21 -0.19	76.58 0.30 -0.75	78.69 0.39 -0.65	67.36 0.53 0.00	56.97 0.11 0.00	49.96 0.00 0.00	45.03 -0.18 -0.36
SYRACUSE___POWER 24017	39.37 -0.16 0.00	35.42 -0.32 0.00	32.43 -0.33 0.00	31.65 -0.32 0.00	31.74 -0.32 0.00	33.41 -0.34 0.00	37.91 -0.38 0.00	40.89 -0.45 0.00	41.36 -0.29 -0.34	45.96 -0.27 -0.62	46.06 -0.27 -0.72	47.68 -0.33 -0.77	49.73 -0.25 -0.91	51.77 -0.20 -1.04	54.08 -0.21 -1.11	56.01 -0.17 -0.72	62.59 -0.25 -0.46	68.96 -0.07 -0.12	75.92 -0.08 -0.46	78.06 0.00 -0.40	67.02 0.20 0.00	56.69 -0.17 0.00	49.66 -0.30 0.00	44.62 -0.45 -0.22
TALLMAN__138KV_BK151 55660	40.67 1.15 0.00	36.95 1.22 0.00	33.80 1.05 0.00	33.02 1.05 0.00	33.05 0.99 0.00	34.83 1.08 0.00	39.40 1.11 0.00	43.00 1.65 0.00	43.05 1.74 0.00	47.58 1.96 0.00	47.81 2.19 0.00	49.65 2.41 0.00	51.42 2.35 0.00	53.48 2.55 0.00	55.84 2.66 0.00	58.06 2.61 0.00	65.87 3.49 0.00	73.25 4.34 0.00	80.22 4.68 0.00	82.32 4.66 0.00	70.10 3.27 0.00	59.31 2.45 0.00	52.26 2.30 0.00	46.73 1.88 0.00
TEALLAVE_115KV_TB7 355573	39.21 -0.32 0.00	35.27 -0.46 0.00	32.30 -0.46 0.00	31.55 -0.42 0.00	31.61 -0.45 0.00	33.28 -0.47 0.00	37.76 -0.54 0.00	40.72 -0.62 0.00	41.06 -0.45 -0.20	45.58 -0.41 -0.37	45.64 -0.41 -0.43	47.23 -0.47 -0.46	49.16 -0.44 -0.55	51.15 -0.41 -0.62	53.42 -0.43 -0.66	55.50 -0.39 -0.43	62.16 -0.50 -0.28	68.57 -0.41 -0.07	75.36 -0.45 -0.27	77.51 -0.39 -0.24	66.62 -0.20 0.00	56.41 -0.45 0.00	49.46 -0.50 0.00	44.40 -0.58 -0.13
TELGRAPH_34_KV_EAST 80808	37.04 -2.49 0.00	31.02 -2.82 1.89	29.78 -2.55 0.42	29.15 -2.46 0.36	29.35 -2.69 0.02	30.68 -3.00 0.07	31.67 -2.95 3.67	38.25 -2.77 0.32	38.17 -2.31 0.83	41.64 -2.60 1.38	42.86 -2.69 0.07	41.85 -2.41 2.98	42.60 -2.50 3.96	42.77 -2.29 5.88	45.82 -2.18 5.18	47.03 -1.72 6.70	50.53 -2.12 9.73	59.17 -2.21 7.54	67.47 -2.64 5.42	73.16 -3.11 1.39	64.75 -2.07 0.02	53.43 -3.41 0.00	46.77 -3.20 0.00	41.75 -3.09 0.00

TEMPLE___115KV_TB 2 55572	39.25 -0.28 0.00	35.27 -0.46 0.00	32.33 -0.43 0.00	31.55 -0.42 0.00	31.64 -0.42 0.00	33.28 -0.47 0.00	37.76 -0.54 0.00	40.72 -0.62 0.00	41.07 -0.45 -0.21	45.60 -0.41 -0.39	45.66 -0.41 -0.45	47.30 -0.43 -0.49	49.24 -0.39 -0.57	51.23 -0.36 -0.65	53.45 -0.43 -0.70	55.52 -0.39 -0.45	62.17 -0.50 -0.29	68.64 -0.34 -0.07	75.45 -0.38 -0.29	77.52 -0.39 -0.25	66.69 -0.13 0.00	56.41 -0.45 0.00	49.46 -0.50 0.00	44.40 -0.58 -0.14
TIANA___69_KV_BK 1 55817	41.66 2.13 0.00	37.81 2.07 0.00	34.59 1.83 0.00	33.66 1.69 0.00	33.69 1.64 0.00	35.78 2.03 0.00	40.28 1.99 0.00	44.16 2.81 0.00	44.00 2.69 0.00	47.58 1.96 0.00	48.08 2.46 0.00	49.84 2.60 0.00	51.22 2.16 0.00	53.63 2.70 0.01	56.37 3.19 0.00	58.55 3.11 0.01	66.43 4.05 0.00	74.49 5.58 0.00	84.39 6.34 -2.51	85.23 5.98 -1.59	73.11 4.28 -2.01	61.80 4.04 -0.90	53.66 3.70 0.00	48.03 3.18 0.00
TILDEN___115KV_TB1 80814	39.37 -0.16 0.00	35.42 -0.32 0.00	32.43 -0.33 0.00	31.65 -0.32 0.00	31.74 -0.32 0.00	33.41 -0.34 0.00	37.91 -0.38 0.00	40.89 -0.45 0.00	41.36 -0.29 -0.34	45.96 -0.27 -0.62	46.06 -0.27 -0.72	47.68 -0.33 -0.77	49.73 -0.25 -0.91	51.77 -0.20 -1.04	54.08 -0.21 -1.11	56.01 -0.17 -0.72	62.59 -0.25 -0.46	68.96 -0.07 -0.12	75.92 -0.08 -0.46	78.06 0.00 -0.40	67.02 0.20 0.00	56.69 -0.17 0.00	49.66 -0.30 0.00	44.62 -0.45 -0.22
TRIGEN___CC 323695	41.15 1.62 0.00	37.24 1.50 0.00	34.07 1.31 0.00	33.22 1.25 0.00	33.25 1.19 0.00	35.20 1.45 0.00	39.71 1.42 0.00	43.41 2.07 0.00	43.42 2.11 0.00	47.49 1.87 0.00	48.13 2.51 0.00	49.84 2.60 0.00	51.42 2.35 0.00	53.53 2.60 0.01	55.95 2.77 0.00	58.11 2.66 0.00	65.81 3.43 0.00	73.32 4.41 0.00	80.44 4.91 0.00	82.24 4.58 0.00	69.96 3.14 0.00	59.65 2.79 0.00	53.01 3.05 0.00	47.58 2.74 0.00
TRINITY___115KV___ 4 BK 55933	40.32 0.79 0.00	36.74 1.00 0.00	33.71 0.95 0.00	32.90 0.93 0.00	32.99 0.93 0.00	34.73 0.98 0.00	39.25 0.96 0.00	42.50 1.16 0.00	42.10 0.78 0.00	46.30 0.68 0.00	46.35 0.73 0.00	47.95 0.71 0.00	49.65 0.59 0.00	51.55 0.61 0.00	53.93 0.74 0.00	56.28 0.83 0.00	63.31 0.94 0.00	70.08 1.17 0.00	76.67 1.13 0.00	78.75 1.09 0.00	67.76 0.94 0.00	57.55 0.97 0.28	50.06 0.75 0.65	45.88 1.03 0.00
UNION___PROCESSING_DRP 323587	38.38 -1.15 0.00	33.34 -1.93 0.47	30.89 -1.77 0.10	30.19 -1.69 0.09	30.36 -1.70 0.00	31.85 -1.89 0.02	35.31 -2.07 0.91	39.41 -1.86 0.08	39.62 -1.49 0.21	43.68 -1.60 0.34	44.10 -1.51 0.02	45.08 -1.42 0.74	46.60 -1.47 0.99	48.10 -1.38 1.46	50.56 -1.33 1.29	52.84 -0.94 1.67	58.90 -1.06 2.42	65.99 -1.03 1.89	73.13 -1.06 1.35	76.03 -1.32 0.31	66.49 -0.33 0.00	55.26 -1.59 0.00	48.51 -1.45 0.00	43.50 -1.35 0.00
UPPER HUDSON___HYD 24058	42.06 2.53 0.00	38.20 2.46 0.00	34.98 2.23 0.00	34.02 2.05 0.00	34.17 2.12 0.00	36.05 2.30 0.00	40.82 2.53 0.00	44.03 2.69 0.00	43.75 2.44 0.00	48.31 2.69 0.00	48.36 2.74 0.00	50.12 2.88 0.00	51.90 2.84 0.00	54.10 3.16 0.00	55.36 2.18 0.00	57.84 2.38 0.00	64.31 1.94 0.00	71.32 2.41 0.00	78.10 2.57 0.00	80.37 2.72 0.00	69.36 2.54 0.00	59.60 2.16 -0.58	54.62 3.30 -1.36	47.94 3.09 0.00
UPPER RAQUET___HYD 24056	39.57 0.04 0.00	35.84 0.11 0.00	32.72 -0.03 0.00	31.94 -0.03 0.00	32.09 0.03 0.00	33.78 0.03 0.00	38.56 0.27 0.00	41.47 0.12 0.00	41.44 0.12 0.00	45.80 0.18 0.00	45.48 -0.14 0.00	46.96 -0.28 0.00	48.91 -0.15 0.00	50.63 -0.30 0.00	52.23 -0.96 0.00	54.12 -1.33 0.00	60.63 -1.75 0.00	66.85 -2.07 0.00	73.57 -1.96 0.00	75.95 -1.71 0.00	65.29 -1.53 0.00	56.06 -0.80 0.00	49.46 -0.50 0.00	44.62 -0.22 0.00
VALLEY44___115KV_TB2 355964	37.20 -2.33 0.00	31.95 -1.36 2.43	30.97 -1.24 0.54	30.33 -1.18 0.46	30.60 -1.44 0.02	32.47 -1.22 0.07	32.35 -1.23 4.71	39.98 -0.95 0.42	39.58 -0.66 1.07	43.35 -0.50 1.77	45.14 -0.41 0.07	43.10 -0.33 3.81	43.76 -0.25 5.06	43.34 -0.05 7.55	46.74 0.21 6.65	47.52 0.67 8.60	50.88 1.00 12.50	60.77 1.52 9.66	71.17 1.21 5.57	77.06 0.85 1.46	66.02 -0.80 0.00	56.04 -0.80 0.02	47.37 -2.60 0.00	41.03 -3.81 0.00
VALLEY___115KV_TB 1-4 80826	39.77 0.24 0.00	35.95 0.21 0.00	32.95 0.20 0.00	32.16 0.19 0.00	32.25 0.19 0.00	33.99 0.24 0.00	38.52 0.23 0.00	41.59 0.25 0.00	41.56 0.25 0.00	45.94 0.32 0.00	45.89 0.27 0.00	47.57 0.33 0.00	49.40 0.34 0.00	51.24 0.31 0.00	53.61 0.43 0.00	55.79 0.33 0.00	62.56 0.19 0.00	69.19 0.28 0.00	75.84 0.30 0.00	78.05 0.39 0.00	67.16 0.33 0.00	57.15 0.28 0.00	50.26 0.30 0.00	45.12 0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.67 1.15 0.00	36.85 1.11 0.00	33.80 1.05 0.00	32.99 1.02 0.00	33.05 0.99 0.00	34.83 1.08 0.00	39.41 1.11 -0.01	42.79 1.45 0.00	42.97 1.49 -0.17	47.70 1.78 -0.31	47.71 1.73 -0.35	49.47 1.84 -0.39	51.48 1.96 -0.46	53.40 1.94 -0.52	55.92 2.18 -0.56	57.88 2.05 -0.37	64.81 2.18 -0.25	71.54 2.55 -0.08	78.68 2.87 -0.27	80.89 3.03 -0.21	69.30 2.47 0.00	58.96 2.10 0.00	51.61 1.65 0.00	46.35 1.39 -0.11
VISCHER___FERRY HYD 24020	40.99 1.46 0.00	37.17 1.43 0.00	34.13 1.38 0.00	33.25 1.28 0.00	33.37 1.31 0.00	35.17 1.42 0.00	39.71 1.42 0.00	42.92 1.57 0.00	42.72 1.41 0.00	47.08 1.46 0.00	47.08 1.46 0.00	48.71 1.47 0.00	50.53 1.47 0.00	52.62 1.68 0.00	54.99 1.81 0.00	57.39 1.94 0.00	64.50 2.12 0.00	71.39 2.48 0.00	78.10 2.57 0.00	80.14 2.48 0.00	69.10 2.27 0.00	59.85 1.99 -1.00	54.22 1.90 -2.36	46.73 1.88 0.00
V_A_10_SYNC_DSASP 323832	36.96 -2.57 0.00	30.81 -3.36 1.56	29.38 -3.05 0.33	28.71 -2.97 0.28	29.06 -2.98 0.01	30.43 -3.27 0.05	31.68 -3.56 3.05	37.57 -3.51 0.26	37.49 -3.14 0.68	41.05 -3.42 1.14	42.15 -3.42 0.05	41.41 -3.35 2.48	42.33 -3.43 3.30	42.68 -3.36 4.89	45.58 -3.30 4.31	46.88 -2.99 5.58	50.84 -3.43 8.10	59.08 -3.58 6.25	66.95 -4.00 4.58	71.99 -4.50 1.17	64.15 -2.67 0.00	52.87 -3.98 0.01	46.57 -3.40 0.00	41.89 -2.96 0.00
V_CMM_10_SYNC_DSASP 323787	39.49 -0.04 0.00	35.81 0.07 0.00	32.76 0.00 0.00	31.97 0.00 0.00	32.09 0.03 0.00	33.78 0.03 0.00	38.52 0.23 0.00	41.47 0.12 0.00	41.48 0.17 0.00	45.85 0.23 0.00	45.71 0.09 0.00	47.29 0.05 0.00	49.21 0.15 0.00	51.04 0.10 0.00	52.76 -0.43 0.00	55.01 -0.44 0.00	61.75 -0.62 0.00	68.02 -0.90 0.00	74.63 -0.91 0.00	76.73 -0.93 0.00	66.02 -0.80 0.00	56.52 -0.34 0.00	50.01 0.05 0.00	44.89 0.04 0.00
V_CMP_10_SYNC_DSASP 323788	39.92 0.40 0.00	36.20 0.46 0.00	33.08 0.33 0.00	32.29 0.32 0.00	32.41 0.35 0.00	34.12 0.37 0.00	38.91 0.61 0.00	41.84 0.50 0.00	41.93 0.62 0.00	46.35 0.73 0.00	46.26 0.64 0.00	47.86 0.61 0.00	49.80 0.74 0.00	51.65 0.71 0.00	53.72 0.53 0.00	56.01 0.55 0.00	62.94 0.56 0.00	69.32 0.41 0.00	76.06 0.53 0.00	78.28 0.62 0.00	67.23 0.40 0.00	57.37 0.51 0.00	50.46 0.50 0.00	45.25 0.40 0.00

V_D_10_SYNC_DSASP 323841	39.61 0.08 0.00	35.99 0.25 0.00	32.85 0.10 0.00	32.10 0.13 0.00	32.22 0.16 0.00	33.92 0.17 0.00	38.68 0.38 0.00	41.59 0.25 0.00	41.60 0.29 0.00	45.98 0.36 0.00	45.85 0.23 0.00	47.38 0.14 0.00	49.35 0.29 0.00	51.19 0.25 0.00	53.08 -0.11 0.00	55.29 -0.17 0.00	62.07 -0.31 0.00	68.36 -0.55 0.00	75.01 -0.53 0.00	77.27 -0.39 0.00	66.42 -0.40 0.00	56.86 0.00 0.00	50.11 0.15 0.00	45.03 0.18 0.00
V_E_10_SYNC_DSASP 323830	41.58 2.06 0.00	38.14 1.75 -0.65	34.44 1.54 -0.14	33.56 1.47 -0.12	33.48 1.41 -0.01	35.36 1.59 -0.02	41.52 1.95 -1.27	43.69 2.23 -0.11	44.22 2.27 -0.63	49.33 2.60 -1.11	48.70 2.33 -0.75	51.48 2.41 -1.83	54.07 2.70 -2.31	56.59 2.55 -3.11	59.09 2.98 -2.93	61.35 2.83 -3.07	69.23 2.99 -3.86	75.71 4.07 -2.73	82.80 4.91 -2.36	84.28 5.75 -0.87	71.70 4.88 0.00	60.90 4.04 -0.01	52.86 2.90 0.00	47.36 2.29 -0.23
V_F_30_NSYNC___DSASP 323816	41.58 2.06 0.00	37.70 1.97 0.00	34.52 1.77 0.00	33.66 1.69 0.00	33.79 1.73 0.00	35.61 1.86 0.00	40.28 1.99 0.00	43.54 2.19 0.00	43.26 1.94 0.00	47.67 2.05 0.00	47.67 2.05 0.00	49.42 2.17 0.00	51.22 2.16 0.00	52.92 1.99 0.00	55.47 2.29 0.00	57.95 2.50 0.00	64.94 2.56 0.00	71.94 3.03 0.00	78.78 3.25 0.00	81.15 3.49 0.00	69.96 3.14 0.00	60.22 2.73 -0.63	53.76 2.30 -1.49	47.40 2.56 0.00
V_F_30_SYNC_DSASP 323786	40.48 0.95 0.00	36.88 1.14 0.00	33.84 1.08 0.00	32.99 1.02 0.00	33.09 1.03 0.00	34.86 1.11 0.00	39.37 1.07 0.00	42.63 1.28 0.00	42.22 0.91 0.00	46.48 0.87 0.00	46.53 0.91 0.00	48.14 0.90 0.00	49.85 0.78 0.00	51.75 0.81 0.00	54.19 1.01 0.00	56.56 1.11 0.00	63.56 1.19 0.00	70.36 1.45 0.00	76.97 1.44 0.00	79.13 1.48 0.00	68.09 1.27 0.00	58.32 1.19 -0.27	51.54 0.95 -0.63	46.06 1.21 0.00
V_XM_10_SYNC_DSASP 323789	39.92 0.40 0.00	36.20 0.46 0.00	33.08 0.33 0.00	32.29 0.32 0.00	32.41 0.35 0.00	34.12 0.37 0.00	38.91 0.61 0.00	41.84 0.50 0.00	41.93 0.62 0.00	46.35 0.73 0.00	46.26 0.64 0.00	47.86 0.61 0.00	49.80 0.74 0.00	51.65 0.71 0.00	53.72 0.53 0.00	56.01 0.55 0.00	62.94 0.56 0.00	69.32 0.41 0.00	76.06 0.53 0.00	78.28 0.62 0.00	67.23 0.40 0.00	57.37 0.51 0.00	50.46 0.50 0.00	45.25 0.40 0.00
W.BABYLN_69_KV_BK1 56697	41.98 2.45 0.00	37.95 2.22 0.00	34.69 1.93 0.00	33.79 1.82 0.00	33.79 1.73 0.00	35.88 2.13 0.00	40.44 2.14 0.00	44.28 2.94 0.00	44.25 2.93 0.00	48.17 2.55 0.00	48.91 3.28 0.00	50.60 3.35 0.00	52.05 2.99 0.00	54.29 3.36 0.01	56.85 3.67 0.00	59.00 3.55 0.01	66.87 4.49 0.00	74.63 5.72 0.00	82.47 6.42 -0.52	84.12 6.13 -0.33	71.80 4.41 -0.57	61.21 4.09 -0.25	54.16 4.20 0.00	48.61 3.77 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.83 1.30 0.00	37.10 1.36 0.00	33.90 1.15 0.00	33.12 1.15 0.00	33.15 1.09 0.00	34.97 1.22 0.00	39.56 1.26 0.00	43.12 1.78 0.00	43.22 1.90 0.00	47.76 2.14 0.00	47.99 2.37 0.00	49.79 2.55 0.00	51.56 2.50 0.00	53.64 2.70 0.00	56.00 2.82 0.00	58.28 2.83 0.00	66.06 3.68 0.00	73.53 4.62 0.00	80.44 4.91 0.00	82.63 4.97 0.00	70.30 3.47 0.00	59.48 2.62 0.00	52.41 2.45 0.00	46.86 2.02 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.99 1.46 0.00	37.20 1.47 0.00	34.03 1.28 0.00	33.25 1.28 0.00	33.28 1.22 0.00	35.07 1.32 0.00	39.75 1.46 0.00	43.45 2.11 0.00	43.59 2.27 0.00	48.31 2.69 0.00	48.49 2.87 0.00	50.41 3.17 0.00	52.25 3.19 0.00	54.40 3.46 0.00	56.69 3.51 0.00	58.89 3.44 0.00	66.81 4.43 0.00	74.42 5.51 0.00	81.43 5.89 0.00	83.40 5.75 0.00	70.90 4.08 0.00	60.05 3.18 0.00	53.01 3.05 0.00	47.31 2.47 0.00
W50THST__13_KV_LOAD 356117	41.19 1.66 0.00	37.35 1.61 0.00	34.13 1.38 0.00	33.38 1.41 0.00	33.41 1.35 0.00	35.20 1.45 0.00	39.94 1.65 0.00	43.70 2.36 0.00	43.84 2.52 0.00	48.58 2.97 0.00	48.81 3.19 0.00	50.74 3.50 0.00	52.59 3.53 0.00	54.76 3.82 0.00	57.12 3.94 0.00	59.33 3.88 0.00	67.24 4.87 0.00	75.04 6.13 0.00	81.96 6.42 0.00	83.95 6.29 0.00	71.30 4.48 0.00	60.33 3.47 0.00	53.26 3.30 0.00	47.54 2.69 0.00
WADING RIVER_IC_1 23522	42.18 2.65 0.00	37.99 2.25 0.00	34.56 1.80 0.00	33.69 1.73 0.00	33.73 1.67 0.00	35.84 2.09 0.00	40.63 2.34 0.00	44.28 2.94 0.00	43.50 2.19 0.00	47.21 1.60 0.00	47.54 1.92 0.00	49.60 2.36 0.00	50.78 1.72 0.00	52.61 1.68 0.01	55.52 2.34 0.00	57.44 1.99 0.01	65.19 2.81 0.00	72.36 3.44 0.00	81.67 3.63 -2.51	83.83 4.58 -1.59	72.73 3.87 -2.03	59.82 2.04 -0.91	50.46 0.50 0.00	47.22 2.38 0.00
WADING RIVER_IC_2 23547	42.18 2.65 0.00	37.99 2.25 0.00	34.56 1.80 0.00	33.69 1.73 0.00	33.73 1.67 0.00	35.84 2.09 0.00	40.63 2.34 0.00	44.28 2.94 0.00	43.50 2.19 0.00	47.21 1.60 0.00	47.54 1.92 0.00	49.60 2.36 0.00	50.78 1.72 0.00	52.61 1.68 0.01	55.52 2.34 0.00	57.44 1.99 0.01	65.19 2.81 0.00	72.36 3.44 0.00	81.67 3.63 -2.51	83.83 4.58 -1.59	72.73 3.87 -2.03	59.82 2.04 -0.91	50.46 0.50 0.00	47.22 2.38 0.00
WADING RIVER_IC_3 23601	42.18 2.65 0.00	37.99 2.25 0.00	34.56 1.80 0.00	33.69 1.73 0.00	33.73 1.67 0.00	35.84 2.09 0.00	40.63 2.34 0.00	44.28 2.94 0.00	43.50 2.19 0.00	47.21 1.60 0.00	47.54 1.92 0.00	49.60 2.36 0.00	50.78 1.72 0.00	52.61 1.68 0.01	55.52 2.34 0.00	57.44 1.99 0.01	65.19 2.81 0.00	72.36 3.44 0.00	81.67 3.63 -2.51	83.83 4.58 -1.59	72.73 3.87 -2.03	59.82 2.04 -0.91	50.46 0.50 0.00	47.22 2.38 0.00
WALDENNY_12_KV_BK2 80841	36.96 -2.57 0.00	30.23 -2.64 2.86	29.69 -2.42 0.64	29.09 -2.33 0.54	29.53 -2.50 0.03	31.06 -2.60 0.09	30.05 -2.68 5.56	38.33 -2.52 0.49	37.94 -2.11 1.26	41.39 -2.14 2.08	43.39 -2.14 0.09	40.71 -2.03 4.50	41.08 -2.01 5.97	40.16 -1.88 8.90	43.64 -1.70 7.84	43.98 -1.33 10.14	46.03 -1.62 14.73	55.92 -1.58 11.41	66.56 -1.96 7.01	73.37 -2.41 1.88	64.95 -1.87 0.00	53.99 -2.84 0.03	46.77 -3.20 0.00	41.44 -3.41 0.00
WALDEN___HYDRO 24148	40.83 1.30 0.00	37.06 1.32 0.00	33.90 1.15 0.00	33.09 1.12 0.00	33.12 1.06 0.00	34.93 1.18 0.00	39.52 1.23 0.00	43.04 1.70 0.00	43.09 1.78 0.00	47.58 1.96 0.00	47.81 2.19 0.00	49.65 2.41 0.00	51.46 2.40 0.00	53.54 2.60 0.00	55.95 2.77 0.00	58.17 2.72 0.00	66.00 3.62 0.00	73.46 4.55 0.00	80.52 4.99 0.00	82.71 5.05 0.00	70.37 3.54 0.00	59.65 2.79 0.00	52.46 2.50 0.00	46.91 2.06 0.00
WARRENSBURG____ 23737	42.10 2.57 0.00	38.20 2.47 0.00	34.95 2.19 0.00	34.05 2.08 0.00	34.21 2.15 0.00	36.05 2.30 0.00	40.82 2.53 0.00	44.11 2.77 0.00	43.84 2.52 0.00	48.31 2.69 0.00	48.36 2.74 0.00	50.12 2.88 0.00	51.96 2.89 0.00	52.77 1.83 0.00	55.36 2.18 0.00	57.89 2.44 0.00	64.31 1.93 0.00	71.32 2.41 0.00	78.10 2.57 0.00	80.45 2.80 0.00	69.36 2.54 0.00	59.60 2.16 -0.58	53.38 2.05 -1.36	47.94 3.09 0.00

WATERSIDE___6 8 9 23538	41.03 1.50 0.00	37.27 1.54 0.00	34.07 1.31 0.00	33.34 1.37 0.00	33.34 1.28 0.00	35.03 1.28 0.00	39.71 1.42 0.00	43.41 2.07 0.00	43.55 2.23 0.00	48.31 2.69 0.00	48.49 2.87 0.00	50.45 3.21 0.00	52.30 3.24 0.00	54.51 3.57 0.00	56.69 3.51 0.00	58.78 3.33 0.00	66.68 4.30 0.00	74.22 5.31 0.00	81.20 5.67 0.00	83.25 5.59 0.00	70.70 3.88 0.00	59.87 3.01 0.00	53.01 3.05 0.00	47.40 2.56 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.69 0.16 0.00	35.88 0.14 0.00	32.89 0.13 0.00	32.10 0.13 0.00	32.19 0.13 0.00	33.92 0.17 0.00	38.45 0.15 0.00	41.51 0.17 0.00	41.44 0.12 0.00	45.80 0.18 0.00	45.80 0.18 0.00	47.43 0.19 0.00	49.26 0.20 0.00	51.09 0.15 0.00	53.45 0.27 0.00	55.67 0.22 0.00	62.50 0.12 0.00	69.12 0.21 0.00	75.76 0.23 0.00	77.97 0.31 0.00	67.02 0.20 0.00	57.03 0.17 0.00	50.16 0.20 0.00	45.03 0.18 0.00
WDELAWARE___HYD 323627	40.68 1.15 0.00	36.91 1.18 0.00	33.71 0.95 0.00	32.93 0.96 0.00	32.96 0.90 0.00	34.73 0.98 0.00	39.48 1.19 0.00	42.79 1.45 0.00	42.72 1.41 0.00	47.26 1.64 0.00	47.40 1.78 0.00	49.37 2.13 0.00	51.22 2.16 0.00	53.13 2.19 0.00	55.63 2.45 0.00	57.73 2.27 0.00	65.62 3.24 0.00	72.98 4.06 0.00	80.07 4.53 0.00	82.40 4.74 0.00	70.23 3.41 0.00	59.25 2.44 0.06	51.78 1.95 0.13	46.55 1.70 0.00
WEST BABYLON___IC 23714	41.98 2.45 0.00	37.95 2.22 0.00	34.69 1.93 0.00	33.79 1.82 0.00	33.79 1.73 0.00	35.88 2.13 0.00	40.44 2.14 0.00	44.28 2.94 0.00	44.25 2.93 0.00	48.17 2.55 0.00	48.91 3.28 0.00	50.60 3.35 0.00	52.05 2.99 0.00	54.29 3.36 0.01	56.85 3.67 0.00	59.00 3.55 0.01	66.87 4.49 0.00	74.63 5.72 0.00	82.47 6.42 -0.52	84.12 6.13 -0.33	71.80 4.41 -0.57	61.21 4.09 -0.25	54.16 4.20 0.00	48.61 3.77 0.00
WEST CANADA___HYD 24049	39.61 0.08 0.00	35.81 0.07 0.00	32.85 0.10 0.00	32.03 0.06 0.00	32.12 0.06 0.00	33.82 0.07 0.00	38.33 0.04 0.00	41.39 0.04 0.00	41.36 0.04 0.00	45.66 0.05 0.00	45.67 0.05 0.00	47.29 0.05 0.00	49.11 0.05 0.00	50.99 0.05 0.00	53.29 0.11 0.00	55.51 0.06 0.00	62.44 0.06 0.00	68.98 0.07 0.00	75.61 0.08 0.00	77.74 0.08 0.00	66.89 0.07 0.00	56.92 0.06 0.00	50.01 0.05 0.00	44.94 0.09 0.00
WESTERN_NY_WIND 24143	37.87 -1.66 0.00	31.87 -2.14 1.72	30.44 -1.93 0.38	29.79 -1.85 0.32	29.99 -2.05 0.02	31.39 -2.30 0.06	32.73 -2.22 3.34	39.15 -1.90 0.29	39.11 -1.45 0.76	42.63 -1.73 1.26	43.73 -1.82 0.06	42.97 -1.56 2.72	43.83 -1.62 3.61	44.16 -1.43 5.35	47.14 -1.33 4.72	48.57 -0.78 6.10	52.58 -0.94 8.86	61.22 -0.83 6.86	69.68 -0.91 4.95	75.23 -1.16 1.26	66.42 -0.40 0.00	54.85 -1.99 0.02	47.92 -2.05 0.00	42.78 -2.06 0.00
WESTOVER___LESR 323668	39.41 -0.12 0.00	36.00 -0.14 -0.40	32.71 -0.13 -0.09	31.95 -0.10 -0.07	31.90 -0.16 0.00	33.63 -0.14 -0.01	38.93 -0.15 -0.79	41.37 -0.04 -0.07	41.96 0.12 -0.52	46.73 0.18 -0.93	46.55 0.18 -0.75	48.87 0.19 -1.44	51.14 0.29 -1.79	53.63 0.36 -2.33	55.91 0.48 -2.25	58.30 0.67 -2.18	65.63 0.69 -2.56	71.75 1.10 -1.74	78.35 1.13 -1.68	79.60 1.24 -0.70	67.76 0.94 0.00	57.26 0.40 0.00	49.86 -0.10 0.00	44.63 -0.45 -0.23
WETHRSFD_WT_PWR 323626	37.43 -2.10 0.00	25.28 -2.25 8.21	28.84 -2.13 1.78	28.37 -2.08 1.52	29.81 -2.18 0.07	31.29 -2.19 0.27	20.03 -2.30 15.97	37.86 -2.11 1.38	35.90 -1.82 3.60	37.54 -2.10 5.98	43.17 -2.19 0.27	31.98 -2.31 12.95	29.56 -2.31 17.20	23.07 -2.29 25.58	28.41 -2.23 22.54	24.24 -2.05 29.17	17.60 -2.81 41.97	34.32 -2.27 32.32	51.22 -2.34 21.98	69.06 -2.41 6.19	65.09 -1.74 0.00	54.56 -2.22 0.08	47.67 -2.30 0.00	41.98 -2.87 0.00
WHAVSTOR_138KV_BK127 55557	40.67 1.15 0.00	36.95 1.22 0.00	33.80 1.05 0.00	32.99 1.02 0.00	33.02 0.96 0.00	34.83 1.08 0.00	39.40 1.11 0.00	42.96 1.61 0.00	43.01 1.69 0.00	47.53 1.92 0.00	47.76 2.14 0.00	49.56 2.31 0.00	51.32 2.26 0.00	53.38 2.44 0.00	55.74 2.55 0.00	57.95 2.50 0.00	65.68 3.31 0.00	73.11 4.20 0.00	79.99 4.46 0.00	82.16 4.50 0.00	69.90 3.07 0.00	59.19 2.33 0.00	52.16 2.20 0.00	46.68 1.84 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.67 1.15 0.00	36.95 1.22 0.00	33.80 1.05 0.00	32.99 1.02 0.00	33.02 0.96 0.00	34.83 1.08 0.00	39.40 1.11 0.00	42.96 1.61 0.00	43.01 1.69 0.00	47.53 1.92 0.00	47.76 2.14 0.00	49.56 2.31 0.00	51.32 2.26 0.00	53.38 2.44 0.00	55.74 2.55 0.00	57.95 2.50 0.00	65.68 3.31 0.00	73.11 4.20 0.00	79.99 4.46 0.00	82.16 4.50 0.00	69.90 3.07 0.00	59.19 2.33 0.00	52.16 2.20 0.00	46.68 1.84 0.00
WHITEHAL_115KV_TB1 80871	43.01 3.48 0.00	39.02 3.29 0.00	35.70 2.95 0.00	34.72 2.75 0.00	34.91 2.85 0.00	36.82 3.07 0.00	41.74 3.45 0.00	44.98 3.64 0.00	44.62 3.31 0.00	49.18 3.56 0.00	49.18 3.56 0.00	50.97 3.73 0.00	52.79 3.73 0.00	53.89 2.95 0.00	56.59 3.40 0.00	59.22 3.77 0.00	65.87 3.49 0.00	73.18 4.27 0.00	80.29 4.76 0.00	83.02 5.36 0.00	71.64 4.81 0.00	61.56 4.09 -0.60	54.93 3.55 -1.42	49.15 4.31 0.00
WHITEPLN_13_KV_LOAD 356215	41.23 1.70 0.00	37.45 1.72 0.00	34.26 1.51 0.00	33.44 1.47 0.00	33.47 1.41 0.00	35.30 1.55 0.00	39.90 1.61 0.00	43.66 2.32 0.00	43.75 2.44 0.00	48.40 2.78 0.00	48.63 3.01 0.00	50.60 3.35 0.00	52.45 3.39 0.00	54.71 3.77 0.00	57.07 3.88 0.00	59.67 4.21 0.00	67.62 5.24 0.00	75.32 6.41 0.00	82.41 6.87 0.00	84.57 6.91 0.00	71.84 5.01 0.00	60.73 3.87 0.00	53.41 3.45 0.00	47.63 2.78 0.00
WM_FLOYD_69_KV_BK2 356380	41.66 2.13 0.00	37.81 2.07 0.00	34.56 1.80 0.00	33.66 1.69 0.00	33.69 1.64 0.00	35.78 2.03 0.00	40.25 1.95 0.00	44.07 2.73 0.00	43.92 2.60 0.00	47.49 1.87 0.00	47.99 2.37 0.00	49.75 2.50 0.00	51.12 2.06 0.00	53.43 2.50 0.01	56.11 2.93 0.00	58.28 2.83 0.01	66.06 3.68 0.00	74.01 5.10 0.00	83.95 5.89 -2.52	84.77 5.51 -1.59	72.76 4.01 -1.93	61.54 3.81 -0.87	53.61 3.65 0.00	48.08 3.23 0.00
WOODARD___115KV_TB2 355635	39.25 -0.28 0.00	35.31 -0.43 0.00	32.33 -0.43 0.00	31.59 -0.38 0.00	31.67 -0.38 0.00	33.31 -0.44 0.00	37.80 -0.50 0.00	40.77 -0.58 0.00	41.12 -0.45 -0.26	45.69 -0.41 -0.48	45.77 -0.41 -0.56	47.37 -0.47 -0.60	49.33 -0.44 -0.71	51.34 -0.41 -0.81	53.62 -0.43 -0.86	55.57 -0.44 -0.56	62.24 -0.50 -0.36	68.59 -0.41 -0.09	75.44 -0.45 -0.36	77.58 -0.39 -0.31	66.62 -0.20 0.00	56.41 -0.45 0.00	49.51 -0.45 0.00	44.48 -0.54 -0.17
YORK___WARBASSE 23770	41.31 1.78 -0.01	37.52 1.79 0.00	34.26 1.51 0.00	33.50 1.53 0.00	33.50 1.44 0.00	35.13 1.38 0.00	39.86 1.57 0.00	43.54 2.19 0.00	43.67 2.35 0.00	48.54 2.92 0.00	48.77 3.15 0.00	50.79 3.54 0.00	52.65 3.58 -0.01	54.87 3.92 -0.01	56.96 3.78 0.00	58.89 3.44 0.00	66.87 4.49 0.00	74.49 5.58 0.00	81.50 5.97 0.00	83.48 5.82 0.00	70.90 4.08 0.00	60.10 3.24 0.00	53.37 3.40 -0.01	47.72 2.87 -0.01