

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		07/20/2025																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EDT	51.49	45.39	40.44	37.92	37.89	37.89	38.72	39.35	43.46	48.32	50.40	52.33	55.78	58.87	60.22	63.19	72.07	85.36	94.68	87.59	83.39	71.96	58.62	53.51			
		3.28	3.13	2.65	2.58	2.61	2.64	2.73	2.85	3.44	4.11	4.37	4.63	5.02	5.11	5.42	5.74	6.67	7.69	8.06	6.56	5.75	3.82	3.78	3.83			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	51.54	45.44	40.47	37.96	37.93	37.92	38.75	39.35	43.50	48.36	50.44	52.38	55.83	58.93	60.28	63.19	72.07	85.36	94.68	87.68	83.55	72.16	58.68	53.61			
		3.33	3.17	2.68	2.62	2.65	2.68	2.77	2.85	3.48	4.16	4.42	4.68	5.08	5.16	5.48	5.74	6.67	7.69	8.06	6.64	5.90	4.02	3.84	3.93			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	51.54	45.44	40.47	37.96	37.93	37.92	38.75	39.35	43.50	48.36	50.44	52.38	55.83	58.93	60.28	63.19	72.07	85.36	94.68	87.68	83.55	72.16	58.68	53.61			
		3.33	3.17	2.68	2.62	2.65	2.68	2.77	2.85	3.48	4.16	4.42	4.68	5.08	5.16	5.48	5.74	6.67	7.69	8.06	6.64	5.90	4.02	3.84	3.93			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	50.86	44.59	39.87	37.29	37.26	37.11	37.85	38.47	42.22	46.60	48.10	49.90	53.09	56.40	57.48	60.26	68.73	82.09	92.34	86.22	82.93	71.89	58.07	52.62			
		2.65	2.32	2.08	1.94	1.98	1.87	1.87	1.97	2.20	2.39	2.07	2.19	2.33	2.63	2.69	2.81	3.34	4.43	5.72	5.19	5.28	3.75	3.24	2.93			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EDT	50.86	44.59	39.87	37.29	37.25	37.11	37.85	38.51	42.22	46.64	48.10	49.90	53.09	56.45	57.48	60.26	68.80	82.25	92.69	86.38	83.24	72.16	58.13	52.71			
		2.65	2.32	2.08	1.94	1.97	1.87	1.87	2.01	2.20	2.43	2.07	2.20	2.34	2.69	2.68	2.81	3.40	4.58	6.06	5.35	5.59	4.02	3.29	3.03			
		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			
ADK S GLENS___FALLS 24028	EDT	50.86	44.59	39.87	37.29	37.26	37.11	37.85	38.47	42.22	46.60	48.10	49.90	53.09	56.40	57.48	60.26	68.73	82.09	92.34	86.22	82.93	71.89	58.07	52.62			
		2.65	2.32	2.08	1.94	1.98	1.87	1.87	1.97	2.20	2.39	2.07	2.19	2.33	2.63	2.69	2.81	3.34	4.43	5.72	5.19	5.28	3.75	3.24	2.93			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527	EDT	51.15	44.89	40.13	37.57	37.50	37.47	38.21	38.73	42.58	46.86	48.74	50.57	53.90	57.15	58.47	61.35	69.85	83.18	92.34	85.89	82.07	71.61	57.85	52.56			
		2.94	2.62	2.34	2.23	2.22	2.22	2.23	2.23	2.56	2.65	2.71	2.86	3.15	3.39	3.67	3.91	4.45	5.51	5.72	4.86	4.42	3.47	3.01	2.88			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190	EDT	48.98	42.99	38.58	36.16	36.09	36.06	36.74	37.27	40.94	45.14	46.90	48.56	51.77	54.89	56.06	58.77	66.90	79.53	88.44	82.41	78.81	68.75	55.61	50.48			
		0.77	0.72	0.79	0.81	0.81	0.81	0.76	0.77	0.92	0.93	0.87	0.86	1.02	1.13	1.26	1.32	1.50	1.86	1.82	1.38	1.16	0.61	0.77	0.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683	EDT	47.87	42.01	37.56	35.17	35.14	35.10	35.84	36.24	39.54	43.72	45.61	47.23	50.19	53.07	54.03	56.53	64.09	76.35	85.15	80.22	77.26	68.55	54.62	49.29			
		-0.34	-0.25	-0.23	-0.18	-0.14	-0.14	-0.14	-0.26	-0.48	-0.49	-0.41	-0.48	-0.56	-0.70	-0.77	-0.92	-1.31	-1.32	-1.47	-0.81	-0.39	0.41	-0.22	-0.40			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR 323833	EDT	50.04	43.87	39.34	36.79	36.76	36.69	37.35	37.85	41.46	45.67	47.45	49.13	52.33	55.54	56.71	59.45	67.68	80.54	89.83	83.87	80.29	70.12	56.65	51.47			
		1.83	1.61	1.55	1.45	1.48	1.45	1.37	1.35	1.44	1.46	1.43	1.43	1.58	1.77	1.92	2.01	2.29	2.88	3.21	2.83	2.64	1.98	1.81	1.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834	EDT	50.04	43.87	39.30	36.79	36.76	36.66	37.35	37.81	41.46	45.67	47.40	49.13	52.33	55.54	56.71	59.45	67.68	80.54	89.83	83.87	80.29	70.12	56.65	51.47			
		1.83	1.61	1.51	1.45	1.48	1.41	1.37	1.31	1.44	1.46	1.38	1.43	1.58	1.77	1.92	2.01	2.29	2.88	3.21	2.83	2.64	1.98	1.81	1.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1 23571	EDT	48.98	42.99	38.58	36.16	36.09	36.06	36.74	37.27	40.94	45.14	46.90	48.56	51.77	54.89	56.06	58.77	66.90	79.53	88.44	82.41	78.81	68.75	55.61	50.48			
		0.77	0.72	0.79	0.81	0.81	0.81	0.76	0.77	0.92	0.93	0.87	0.86	1.02	1.13	1.26	1.32	1.50	1.86	1.82	1.38	1.16	0.61	0.77	0.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	48.98 0.77 0.00	42.99 0.72 0.00	38.58 0.79 0.00	36.16 0.81 0.00	36.09 0.81 0.00	36.06 0.81 0.00	36.74 0.76 0.00	37.27 0.77 0.00	40.94 0.92 0.00	45.14 0.93 0.00	46.90 0.87 0.00	48.56 0.86 0.00	51.77 1.02 0.00	54.89 1.13 0.00	56.06 1.26 0.00	58.77 1.32 0.00	66.90 1.50 0.00	79.53 1.86 0.00	88.44 1.82 0.00	82.41 1.38 0.00	78.81 1.16 0.00	68.75 0.61 0.00	55.61 0.77 0.00	50.48 0.79 0.00
ALBANY___3 23573	48.98 0.77 0.00	42.99 0.72 0.00	38.58 0.79 0.00	36.16 0.81 0.00	36.09 0.81 0.00	36.06 0.81 0.00	36.74 0.76 0.00	37.27 0.77 0.00	40.94 0.92 0.00	45.14 0.93 0.00	46.90 0.87 0.00	48.56 0.86 0.00	51.77 1.02 0.00	54.89 1.13 0.00	56.06 1.26 0.00	58.77 1.32 0.00	66.90 1.50 0.00	79.53 1.86 0.00	88.44 1.82 0.00	82.41 1.38 0.00	78.81 1.16 0.00	68.75 0.61 0.00	55.61 0.77 0.00	50.48 0.79 0.00
ALBANY___4 23574	48.98 0.77 0.00	42.99 0.72 0.00	38.58 0.79 0.00	36.16 0.81 0.00	36.09 0.81 0.00	36.06 0.81 0.00	36.74 0.76 0.00	37.27 0.77 0.00	40.94 0.92 0.00	45.14 0.93 0.00	46.90 0.87 0.00	48.56 0.86 0.00	51.77 1.02 0.00	54.89 1.13 0.00	56.06 1.26 0.00	58.77 1.32 0.00	66.90 1.50 0.00	79.53 1.86 0.00	88.44 1.82 0.00	82.41 1.38 0.00	78.81 1.16 0.00	68.75 0.61 0.00	55.61 0.77 0.00	50.48 0.79 0.00
ALBANY___LFGE 323615	49.51 1.30 0.00	43.45 1.18 0.00	38.96 1.17 0.00	36.47 1.13 0.00	36.44 1.16 0.00	36.37 1.13 0.00	37.10 1.12 0.00	37.59 1.09 0.00	41.34 1.32 0.00	45.58 1.37 0.00	47.40 1.38 0.00	49.13 1.43 0.00	52.38 1.62 0.00	55.54 1.77 0.00	56.77 1.97 0.00	59.45 2.01 0.00	67.68 2.29 0.00	80.54 2.88 0.00	89.57 2.95 0.00	83.38 2.35 0.00	79.82 2.17 0.00	69.57 1.43 0.00	56.15 1.31 0.00	51.07 1.39 0.00
ALCOA_PA_115KV_PL-6C 55860	48.26 0.05 0.00	42.35 0.08 0.00	37.87 0.08 0.00	35.41 0.07 0.00	35.39 0.11 0.00	35.35 0.11 0.00	36.13 0.14 0.00	36.50 0.00 0.00	39.78 -0.24 0.00	43.99 -0.22 0.00	45.89 -0.14 0.00	47.47 -0.24 0.00	50.50 -0.25 0.00	53.39 -0.38 0.00	54.25 -0.55 0.00	56.76 -0.69 0.00	64.35 -1.05 0.00	76.66 -1.01 0.00	85.67 -0.95 0.00	80.87 -0.16 0.00	77.88 0.23 0.00	69.16 1.02 0.00	55.06 0.22 0.00	49.63 -0.05 0.00
ALCOA_RYNLDS___DRP 24188	48.26 0.05 0.00	42.35 0.08 0.00	37.87 0.08 0.00	35.41 0.07 0.00	35.39 0.11 0.00	35.35 0.11 0.00	36.13 0.14 0.00	36.50 0.00 0.00	39.78 -0.24 0.00	43.99 -0.22 0.00	45.89 -0.14 0.00	47.47 -0.24 0.00	50.50 -0.25 0.00	53.39 -0.38 0.00	54.25 -0.55 0.00	56.76 -0.69 0.00	64.35 -1.05 0.00	76.66 -1.01 0.00	85.67 -0.95 0.00	80.87 -0.16 0.00	77.88 0.23 0.00	69.16 1.02 0.00	55.06 0.22 0.00	49.63 -0.05 0.00
ALCOA___DSASP 323711	48.26 0.05 0.00	42.35 0.08 0.00	37.87 0.08 0.00	35.41 0.07 0.00	35.39 0.11 0.00	35.35 0.11 0.00	36.13 0.14 0.00	36.50 0.00 0.00	39.78 -0.24 0.00	43.99 -0.22 0.00	45.89 -0.14 0.00	47.47 -0.24 0.00	50.50 -0.25 0.00	53.39 -0.37 0.00	54.25 -0.55 0.00	56.76 -0.69 0.00	64.28 -1.11 0.00	76.66 -1.01 0.00	85.67 -0.95 0.00	80.87 -0.16 0.00	77.80 0.16 0.00	69.09 0.95 0.00	55.06 0.22 0.00	49.58 -0.10 0.00
ALLEGHENY___COGEN 23514	50.53 2.31 0.00	43.66 1.39 0.00	38.92 1.13 0.00	36.16 0.81 0.00	35.95 0.67 0.00	35.88 0.64 0.00	36.70 0.72 0.00	37.12 0.62 0.00	39.86 -0.16 0.00	43.55 -0.66 0.00	44.46 -1.56 0.00	45.89 -1.81 0.00	48.57 -2.18 0.00	51.78 -1.99 0.00	52.77 -2.03 0.00	55.90 -1.55 0.00	64.48 -0.92 0.00	76.58 -1.09 0.00	87.67 1.04 0.00	83.87 2.83 0.00	80.29 2.64 0.00	68.82 0.68 0.00	56.92 2.08 0.00	51.67 1.99 0.00
ALTAMONT_115KV_TB 2 55880	49.47 1.25 0.00	43.41 1.14 0.00	38.85 1.06 0.00	36.37 1.02 0.00	36.30 1.02 0.00	36.27 1.02 0.00	36.99 1.01 0.00	37.49 0.99 0.00	41.18 1.16 0.00	45.49 1.28 0.00	47.31 1.29 0.00	49.04 1.34 0.00	52.22 1.47 0.00	55.32 1.56 0.00	56.50 1.70 0.00	59.23 1.78 0.00	67.42 2.03 0.00	80.15 2.49 0.00	89.22 2.60 0.00	83.14 2.11 0.00	79.59 1.94 0.00	69.44 1.29 0.00	56.21 1.37 0.00	51.03 1.34 0.00
ALTONA_WT_PWR 323606	48.12 -0.10 0.00	42.14 -0.13 0.00	37.68 -0.11 0.00	35.31 -0.04 0.00	35.35 0.07 0.00	35.28 0.04 0.00	36.02 0.04 0.00	36.39 -0.11 0.00	39.62 -0.40 0.00	43.85 -0.36 0.00	45.80 -0.23 0.00	47.37 -0.33 0.00	50.09 -0.66 0.00	52.96 -0.80 0.00	53.75 -1.04 0.00	56.13 -1.32 0.00	63.50 -1.90 0.00	75.65 -2.02 0.00	84.46 -2.16 0.00	79.90 -1.13 0.00	76.95 -0.70 0.00	68.35 0.21 0.00	54.46 -0.38 0.00	49.04 -0.65 0.00
AMERICAN_REF_FUEL 24010	47.20 -1.01 0.00	41.30 -0.97 0.00	36.77 -1.02 0.00	34.21 -1.13 0.00	33.94 -1.34 0.00	33.73 -1.51 0.00	34.65 -1.33 0.00	35.70 -0.80 0.00	38.42 -1.60 0.00	41.69 -2.52 0.00	42.67 -3.36 0.00	44.22 -3.48 0.00	46.59 -4.16 0.00	49.63 -4.14 0.00	50.47 -4.33 0.00	53.48 -3.96 0.00	61.21 -4.19 0.00	71.30 -6.37 0.00	80.65 -5.98 0.00	75.84 -5.19 0.00	71.98 -5.66 0.00	60.99 -7.15 0.00	51.72 -3.12 0.00	47.75 -1.94 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	48.12 -0.10 0.00	41.80 -0.46 0.00	37.18 -0.61 0.00	34.64 -0.71 0.00	34.54 -0.74 0.00	34.44 -0.81 0.00	35.30 -0.68 0.00	36.50 0.00 0.00	39.42 -0.60 0.00	43.41 -0.79 0.00	44.55 -1.47 0.00	46.18 -1.53 0.00	48.77 -1.98 0.00	51.94 -1.83 0.00	52.83 -1.97 0.00	56.07 -1.38 0.00	64.28 -1.11 0.00	75.34 -2.33 0.00	85.41 -1.21 0.00	80.14 -0.89 0.00	76.01 -1.63 0.00	64.53 -3.61 0.00	54.18 -0.66 0.00	49.28 -0.40 0.00
ARTHUR KILL_GT_1 23520	51.79 3.57 -0.01	45.73 3.47 0.00	40.78 2.99 0.00	38.17 2.83 0.00	38.14 2.86 0.00	38.14 2.89 0.00	38.90 2.91 0.00	39.49 2.99 0.00	43.66 3.64 0.00	48.50 4.29 0.00	50.53 4.51 0.00	52.52 4.82 0.00	55.83 5.08 0.00	58.88 5.11 -0.01	59.96 5.15 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.67 6.99 -0.01	93.91 7.28 -0.01	86.95 5.92 0.00	82.77 5.12 0.00	71.47 3.34 0.01	58.57 3.73 0.00	53.66 3.97 0.00
ARTHUR_KILL_2 23512	51.59 3.37 -0.01	45.57 3.30 -0.01	40.63 2.84 -0.01	38.07 2.72 -0.01	38.00 2.72 -0.01	38.04 2.78 -0.01	38.80 2.81 -0.01	39.39 2.88 -0.01	43.51 3.48 -0.01	48.33 4.11 -0.01	50.41 4.37 -0.01	52.34 4.63 -0.01	55.68 4.92 -0.01	58.56 4.78 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.27 6.60 -0.01	93.48 6.84 -0.01	86.54 5.51 0.01	82.37 4.74 0.01	71.20 3.07 0.01	57.91 3.07 0.00	53.46 3.77 0.00
ARTHUR_KILL_3 23513	50.86 2.65 0.00	44.85 2.58 0.00	39.98 2.19 0.00	37.54 2.19 0.00	37.50 2.22 0.00	37.50 2.26 0.00	38.32 2.34 0.00	38.91 2.41 0.00	42.98 2.96 0.00	47.79 3.58 0.00	49.84 3.82 0.00	51.71 4.01 0.00	55.17 4.41 0.00	58.12 4.35 0.00	59.40 4.60 0.00	62.21 4.77 0.00	71.02 5.62 0.00	84.19 6.52 0.00	93.30 6.67 0.00	86.44 5.43 0.02	82.29 4.66 0.02	71.12 2.99 0.02	57.63 2.80 0.01	52.81 3.13 0.01

ARTHUR_KILL_COGEN 323718	51.79 3.57 -0.01	45.70 3.42 -0.01	40.78 2.98 -0.01	38.18 2.83 -0.01	38.14 2.86 -0.01	38.14 2.89 -0.01	38.90 2.91 -0.01	39.50 2.99 -0.01	43.67 3.64 -0.01	48.50 4.29 -0.01	50.55 4.51 -0.01	52.53 4.82 -0.01	55.94 5.18 -0.01	58.83 5.05 -0.01	59.95 5.15 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.67 6.99 -0.01	93.91 7.28 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.54 3.41 0.01	58.13 3.29 0.00	53.66 3.98 0.00
ASHOKAN____ 23654	51.20 2.99 0.00	44.72 2.45 0.00	39.98 2.19 0.00	37.46 2.12 0.00	37.43 2.15 0.00	37.29 2.04 0.00	37.78 1.80 0.00	38.03 1.53 0.00	41.86 1.84 0.00	46.24 2.03 0.00	48.28 2.25 0.00	49.90 2.20 0.00	53.24 2.49 0.00	56.45 2.69 0.00	57.75 2.96 0.00	60.66 3.21 0.00	69.59 4.19 0.00	82.95 5.28 0.00	93.13 6.50 0.00	86.87 5.84 0.00	82.85 5.20 0.00	72.16 4.02 0.00	58.35 3.51 0.00	52.87 3.18 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.45 3.23 -0.01	45.28 3.00 -0.01	40.48 2.68 -0.01	37.93 2.58 -0.01	37.90 2.61 -0.01	37.93 2.68 -0.01	38.69 2.70 -0.01	39.32 2.81 -0.01	43.39 3.36 -0.01	48.06 3.84 -0.01	50.22 4.19 -0.01	52.10 4.39 -0.01	55.79 5.03 -0.01	58.61 4.84 -0.01	59.68 4.88 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.27 6.60 -0.01	93.48 6.84 -0.01	86.63 5.59 -0.01	82.39 4.74 -0.01	71.22 3.07 -0.01	57.92 3.07 -0.01	53.42 3.73 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	51.45 3.23 -0.01	45.28 3.00 -0.01	40.48 2.68 -0.01	37.93 2.58 -0.01	37.90 2.61 -0.01	37.93 2.68 -0.01	38.69 2.70 -0.01	39.32 2.81 -0.01	43.39 3.36 -0.01	48.06 3.84 -0.01	50.22 4.19 -0.01	52.10 4.39 -0.01	55.79 5.03 -0.01	58.61 4.84 -0.01	59.68 4.88 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.27 6.60 -0.01	93.48 6.84 -0.01	86.63 5.59 -0.01	82.39 4.74 -0.01	71.22 3.07 -0.01	57.92 3.07 -0.01	53.42 3.73 -0.01
ASTORIA_GT2_1 24094	51.50 3.28 -0.01	45.35 3.09 0.00	40.51 2.72 0.00	37.92 2.58 0.00	37.89 2.61 0.00	37.92 2.68 0.00	38.72 2.73 0.00	39.31 2.81 0.00	43.38 3.36 0.00	48.10 3.89 0.00	50.21 4.19 0.00	52.09 4.39 0.00	55.68 4.92 0.00	58.67 4.89 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.28 6.60 -0.01	93.48 6.84 -0.01	86.64 5.59 -0.02	82.40 4.74 -0.02	71.21 3.07 -0.01	58.30 3.45 -0.01	53.47 3.78 -0.01
ASTORIA_GT2_2 24095	51.50 3.28 -0.01	45.35 3.09 0.00	40.51 2.72 0.00	37.92 2.58 0.00	37.89 2.61 0.00	37.92 2.68 0.00	38.72 2.73 0.00	39.31 2.81 0.00	43.38 3.36 0.00	48.10 3.89 0.00	50.21 4.19 0.00	52.09 4.39 0.00	55.68 4.92 0.00	58.67 4.89 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.28 6.60 -0.01	93.48 6.84 -0.01	86.64 5.59 -0.02	82.40 4.74 -0.02	71.21 3.07 -0.01	58.30 3.45 -0.01	53.47 3.78 -0.01
ASTORIA_GT2_3 24096	51.50 3.28 -0.01	45.35 3.09 0.00	40.51 2.72 0.00	37.92 2.58 0.00	37.89 2.61 0.00	37.92 2.68 0.00	38.72 2.73 0.00	39.31 2.81 0.00	43.38 3.36 0.00	48.10 3.89 0.00	50.21 4.19 0.00	52.09 4.39 0.00	55.68 4.92 0.00	58.67 4.89 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.28 6.60 -0.01	93.48 6.84 -0.01	86.64 5.59 -0.02	82.40 4.74 -0.02	71.21 3.07 -0.01	58.30 3.45 -0.01	53.47 3.78 -0.01
ASTORIA_GT2_4 24097	51.50 3.28 -0.01	45.35 3.09 0.00	40.51 2.72 0.00	37.92 2.58 0.00	37.89 2.61 0.00	37.92 2.68 0.00	38.72 2.73 0.00	39.31 2.81 0.00	43.38 3.36 0.00	48.10 3.89 0.00	50.21 4.19 0.00	52.09 4.39 0.00	55.68 4.92 0.00	58.67 4.89 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.28 6.60 -0.01	93.48 6.84 -0.01	86.64 5.59 -0.02	82.40 4.74 -0.02	71.21 3.07 -0.01	58.30 3.45 -0.01	53.47 3.78 -0.01
ASTORIA_GT3_1 24098	51.50 3.28 -0.01	45.35 3.09 0.00	40.51 2.72 0.00	37.92 2.58 0.00	37.89 2.61 0.00	37.92 2.68 0.00	38.72 2.73 0.00	39.31 2.81 0.00	43.38 3.36 0.00	48.10 3.89 0.00	50.21 4.19 0.00	52.09 4.39 0.00	55.68 4.92 0.00	58.67 4.89 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.28 6.60 -0.01	93.48 6.84 -0.01	86.64 5.59 -0.02	82.40 4.74 -0.02	71.21 3.07 -0.01	58.30 3.45 -0.01	53.47 3.78 -0.01
ASTORIA_GT3_2 24099	51.50 3.28 -0.01	45.35 3.09 0.00	40.51 2.72 0.00	37.92 2.58 0.00	37.89 2.61 0.00	37.92 2.68 0.00	38.72 2.73 0.00	39.31 2.81 0.00	43.38 3.36 0.00	48.10 3.89 0.00	50.21 4.19 0.00	52.09 4.39 0.00	55.68 4.92 0.00	58.67 4.89 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.28 6.60 -0.01	93.48 6.84 -0.01	86.64 5.59 -0.02	82.40 4.74 -0.02	71.21 3.07 -0.01	58.30 3.45 -0.01	53.47 3.78 -0.01
ASTORIA_GT3_3 24100	51.50 3.28 -0.01	45.35 3.09 0.00	40.51 2.72 0.00	37.92 2.58 0.00	37.89 2.61 0.00	37.92 2.68 0.00	38.72 2.73 0.00	39.31 2.81 0.00	43.38 3.36 0.00	48.10 3.89 0.00	50.21 4.19 0.00	52.09 4.39 0.00	55.68 4.92 0.00	58.67 4.89 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.28 6.60 -0.01	93.48 6.84 -0.01	86.64 5.59 -0.02	82.40 4.74 -0.02	71.21 3.07 -0.01	58.30 3.45 -0.01	53.47 3.78 -0.01
ASTORIA_GT3_4 24101	51.50 3.28 -0.01	45.35 3.09 0.00	40.51 2.72 0.00	37.92 2.58 0.00	37.89 2.61 0.00	37.92 2.68 0.00	38.72 2.73 0.00	39.31 2.81 0.00	43.38 3.36 0.00	48.10 3.89 0.00	50.21 4.19 0.00	52.09 4.39 0.00	55.68 4.92 0.00	58.67 4.89 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.28 6.60 -0.01	93.48 6.84 -0.01	86.64 5.59 -0.02	82.40 4.74 -0.02	71.21 3.07 -0.01	58.30 3.45 -0.01	53.47 3.78 -0.01
ASTORIA_GT4_1 24102	51.50 3.28 -0.01	45.35 3.09 0.00	40.51 2.72 0.00	37.92 2.58 0.00	37.89 2.61 0.00	37.92 2.68 0.00	38.72 2.73 0.00	39.31 2.81 0.00	43.38 3.36 0.00	48.10 3.89 0.00	50.21 4.19 0.00	52.09 4.39 0.00	55.68 4.92 0.00	58.67 4.89 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.28 6.60 -0.01	93.48 6.84 -0.01	86.64 5.59 -0.02	82.40 4.74 -0.02	71.21 3.07 -0.01	58.30 3.45 -0.01	53.47 3.78 -0.01
ASTORIA_GT4_2 24103	51.50 3.28 -0.01	45.35 3.09 0.00	40.51 2.72 0.00	37.92 2.58 0.00	37.89 2.61 0.00	37.92 2.68 0.00	38.72 2.73 0.00	39.31 2.81 0.00	43.38 3.36 0.00	48.10 3.89 0.00	50.21 4.19 0.00	52.09 4.39 0.00	55.68 4.92 0.00	58.67 4.89 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.28 6.60 -0.01	93.48 6.84 -0.01	86.64 5.59 -0.02	82.40 4.74 -0.02	71.21 3.07 -0.01	58.30 3.45 -0.01	53.47 3.78 -0.01
ASTORIA_GT4_3 24104	51.50 3.28 -0.01	45.35 3.09 0.00	40.51 2.72 0.00	37.92 2.58 0.00	37.89 2.61 0.00	37.92 2.68 0.00	38.72 2.73 0.00	39.31 2.81 0.00	43.38 3.36 0.00	48.10 3.89 0.00	50.21 4.19 0.00	52.09 4.39 0.00	55.68 4.92 0.00	58.67 4.89 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.28 6.60 -0.01	93.48 6.84 -0.01	86.64 5.59 -0.02	82.40 4.74 -0.02	71.21 3.07 -0.01	58.30 3.45 -0.01	53.47 3.78 -0.01

ASTORIA_GT4_4 24105	51.50 3.28 -0.01	45.35 3.09 0.00	40.51 2.72 0.00	37.92 2.58 0.00	37.89 2.61 0.00	37.92 2.68 0.00	38.72 2.73 0.00	39.31 2.81 0.00	43.38 3.36 0.00	48.10 3.89 0.00	50.21 4.19 0.00	52.09 4.39 0.00	55.68 4.92 0.00	58.67 4.89 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.28 6.60 -0.01	93.48 6.84 -0.01	86.64 5.59 -0.02	82.40 4.74 -0.02	71.21 3.07 -0.01	58.30 3.45 -0.01	53.47 3.78 -0.01
ASTORIA_GT_1 23523	51.60 3.37 -0.01	45.44 3.17 0.00	40.59 2.80 0.00	37.99 2.65 0.00	37.96 2.68 0.00	37.99 2.75 0.00	38.79 2.81 0.00	39.38 2.88 0.00	43.46 3.44 0.00	48.19 3.98 0.00	50.30 4.28 0.00	52.24 4.53 0.00	55.78 5.02 0.00	58.83 5.05 -0.01	59.90 5.10 -0.01	62.62 5.17 -0.01	71.29 5.89 -0.01	84.51 6.83 -0.01	93.74 7.10 -0.01	86.80 5.75 -0.02	82.63 4.97 -0.02	71.42 3.27 -0.01	58.41 3.56 -0.01	53.62 3.93 -0.01
ASTORIA_GT_10 24110	51.30 3.09 0.00	45.31 3.04 0.00	40.40 2.61 0.00	37.85 2.51 0.00	37.82 2.54 0.00	37.85 2.61 0.00	38.65 2.66 0.00	39.24 2.74 0.00	43.34 3.32 0.00	48.14 3.93 0.00	50.26 4.23 0.00	52.14 4.44 0.00	55.52 4.77 0.00	58.49 4.73 0.00	59.56 4.77 0.00	62.27 4.83 0.00	70.89 5.49 0.00	83.96 6.29 0.00	93.12 6.50 0.00	86.30 5.27 0.00	82.15 4.50 0.00	63.36 2.86 7.64	58.13 3.29 0.00	53.31 3.63 0.00
ASTORIA_GT_11 24225	51.30 3.09 0.00	45.31 3.04 0.00	40.40 2.61 0.00	37.85 2.51 0.00	37.82 2.54 0.00	37.85 2.61 0.00	38.65 2.66 0.00	39.24 2.74 0.00	43.34 3.32 0.00	48.14 3.93 0.00	50.26 4.23 0.00	52.14 4.44 0.00	55.52 4.77 0.00	58.49 4.73 0.00	59.56 4.77 0.00	62.27 4.83 0.00	70.89 5.49 0.00	83.96 6.29 0.00	93.12 6.50 0.00	86.30 5.27 0.00	82.15 4.50 0.00	63.36 2.86 7.64	58.13 3.29 0.00	53.31 3.63 0.00
ASTORIA_GT_12 24226	51.30 3.09 0.00	45.31 3.04 0.00	40.40 2.61 0.00	37.85 2.51 0.00	37.82 2.54 0.00	37.85 2.61 0.00	38.65 2.66 0.00	39.24 2.74 0.00	43.34 3.32 0.00	48.14 3.93 0.00	50.26 4.23 0.00	52.14 4.44 0.00	55.52 4.77 0.00	58.49 4.73 0.00	59.56 4.77 0.00	62.27 4.83 0.00	70.89 5.49 0.00	83.96 6.29 0.00	93.12 6.50 0.00	86.30 5.27 0.00	82.15 4.50 0.00	63.36 2.86 7.64	58.13 3.29 0.00	53.31 3.63 0.00
ASTORIA_GT_13 24227	51.30 3.09 0.00	45.31 3.04 0.00	40.40 2.61 0.00	37.85 2.51 0.00	37.82 2.54 0.00	37.85 2.61 0.00	38.65 2.66 0.00	39.24 2.74 0.00	43.34 3.32 0.00	48.14 3.93 0.00	50.26 4.23 0.00	52.14 4.44 0.00	55.52 4.77 0.00	58.49 4.73 0.00	59.56 4.77 0.00	62.27 4.83 0.00	70.89 5.49 0.00	83.96 6.29 0.00	93.12 6.50 0.00	86.30 5.27 0.00	82.15 4.50 0.00	63.36 2.86 7.64	58.13 3.29 0.00	53.31 3.63 0.00
ASTORIA_GT_5 24106	51.60 3.37 -0.01	45.44 3.17 0.00	40.59 2.80 0.00	37.99 2.65 0.00	37.96 2.68 0.00	37.99 2.75 0.00	38.79 2.81 0.00	39.38 2.88 0.00	43.46 3.44 0.00	48.19 3.98 0.00	50.30 4.28 0.00	52.24 4.53 0.00	55.78 5.02 0.00	58.83 5.05 -0.01	59.90 5.10 -0.01	62.62 5.17 -0.01	71.29 5.89 -0.01	84.51 6.83 -0.01	93.74 7.10 -0.01	86.80 5.75 -0.02	82.63 4.97 -0.02	71.42 3.27 -0.01	58.41 3.56 -0.01	53.62 3.93 -0.01
ASTORIA_GT_7 24107	51.60 3.37 -0.01	45.44 3.17 0.00	40.59 2.80 0.00	37.99 2.65 0.00	37.96 2.68 0.00	37.99 2.75 0.00	38.79 2.81 0.00	39.38 2.88 0.00	43.46 3.44 0.00	48.19 3.98 0.00	50.30 4.28 0.00	52.24 4.53 0.00	55.78 5.02 0.00	58.83 5.05 -0.01	59.90 5.10 -0.01	62.62 5.17 -0.01	71.29 5.89 -0.01	84.51 6.83 -0.01	93.74 7.10 -0.01	86.80 5.75 -0.02	82.63 4.97 -0.02	71.42 3.27 -0.01	58.41 3.56 -0.01	53.62 3.93 -0.01
ASTORIA_GT_8 24108	51.60 3.37 -0.01	45.44 3.17 0.00	40.59 2.80 0.00	37.99 2.65 0.00	37.96 2.68 0.00	37.99 2.75 0.00	38.79 2.81 0.00	39.38 2.88 0.00	43.46 3.44 0.00	48.19 3.98 0.00	50.30 4.28 0.00	52.24 4.53 0.00	55.78 5.02 0.00	58.83 5.05 -0.01	59.90 5.10 -0.01	62.62 5.17 -0.01	71.29 5.89 -0.01	84.51 6.83 -0.01	93.74 7.10 -0.01	86.80 5.75 -0.02	82.63 4.97 -0.02	71.42 3.27 -0.01	58.41 3.56 -0.01	53.62 3.93 -0.01
ASTORIA___2 24149	51.50 3.28 -0.01	45.32 3.04 -0.01	40.52 2.72 -0.01	37.93 2.58 -0.01	37.90 2.61 -0.01	37.93 2.68 -0.01	38.72 2.73 -0.01	39.32 2.81 -0.01	43.39 3.36 -0.01	48.11 3.89 -0.01	50.22 4.19 -0.01	52.10 4.39 -0.01	55.79 5.03 -0.01	58.61 4.84 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.27 6.60 -0.01	93.48 6.84 -0.01	86.63 5.59 -0.01	82.39 4.74 -0.01	71.28 3.14 -0.01	57.92 3.07 -0.01	53.42 3.73 -0.01
ASTORIA___3 23516	51.30 3.09 0.00	45.28 3.00 -0.01	40.40 2.61 -0.01	37.86 2.51 -0.01	37.83 2.54 -0.01	37.86 2.61 -0.01	38.65 2.66 -0.01	39.25 2.74 -0.01	43.35 3.32 -0.01	48.15 3.93 -0.01	50.26 4.23 -0.01	52.15 4.44 -0.01	55.63 4.87 -0.01	58.44 4.68 0.00	59.56 4.76 0.00	62.27 4.83 0.00	70.89 5.49 0.00	83.95 6.29 0.01	93.12 6.50 0.01	86.29 5.26 0.01	82.14 4.50 0.01	63.43 2.93 7.64	57.74 2.90 0.00	53.26 3.58 0.00
ASTORIA___4 23517	51.30 3.09 0.00	45.31 3.04 0.00	40.40 2.61 0.00	37.85 2.51 0.00	37.82 2.54 0.00	37.85 2.61 0.00	38.65 2.66 0.00	39.24 2.74 0.00	43.34 3.32 0.00	48.14 3.93 0.00	50.26 4.23 0.00	52.14 4.44 0.00	55.52 4.77 0.00	58.49 4.73 0.00	59.56 4.77 0.00	62.27 4.83 0.00	70.89 5.49 0.00	83.96 6.29 0.00	93.12 6.50 0.00	86.22 5.19 0.00	82.15 4.50 0.00	63.36 2.86 7.64	58.13 3.29 0.00	53.31 3.63 0.00
ASTORIA___5 23518	51.30 3.09 0.00	45.28 3.00 -0.01	40.40 2.61 -0.01	37.86 2.51 -0.01	37.83 2.54 -0.01	37.86 2.61 -0.01	38.65 2.66 -0.01	39.25 2.74 -0.01	43.35 3.32 -0.01	48.15 3.93 -0.01	50.26 4.23 -0.01	52.15 4.44 -0.01	55.63 4.87 -0.01	58.44 4.68 0.00	59.56 4.76 0.00	62.27 4.83 0.00	70.89 5.49 0.00	83.95 6.29 0.01	93.12 6.50 0.01	86.29 5.26 0.01	82.14 4.50 0.01	63.43 2.93 7.64	57.74 2.90 0.00	53.26 3.58 0.00
AST_ENERGY_2_CC3 323677	40.05 2.89 11.06	36.33 2.75 8.68	36.33 2.34 3.80	36.33 2.30 1.31	36.33 2.33 1.28	36.33 2.36 1.28	36.33 2.45 2.10	36.33 2.52 2.69	36.33 3.08 6.77	36.33 3.71 11.59	38.57 3.96 11.41	38.57 4.20 13.33	38.57 4.62 16.80	38.57 4.57 19.76	39.11 4.88 20.56	42.00 5.06 20.51	54.29 5.95 17.06	66.03 6.84 18.47	71.74 7.10 21.99	68.31 5.75 18.47	64.25 5.04 18.44	54.36 3.27 17.05	40.01 3.01 17.84	38.57 3.38 14.49
AST_ENERGY_2_CC4 323678	40.05 2.89 11.06	36.33 2.75 8.68	36.33 2.34 3.80	36.33 2.30 1.31	36.33 2.33 1.28	36.33 2.36 1.28	36.33 2.45 2.10	36.33 2.52 2.69	36.33 3.08 6.77	36.33 3.71 11.59	38.57 3.96 11.41	38.57 4.20 13.33	38.57 4.62 16.80	38.57 4.57 19.76	39.11 4.88 20.56	42.00 5.06 20.51	54.29 5.95 17.06	66.03 6.84 18.47	71.74 7.10 21.99	68.31 5.75 18.47	64.25 5.04 18.44	54.36 3.27 17.05	40.01 3.01 17.84	38.57 3.38 14.49

ATHENS_STG_1 23668	49.56 1.35 0.00	43.53 1.27 0.00	38.92 1.13 0.00	36.44 1.10 0.00	36.41 1.13 0.00	36.37 1.13 0.00	37.10 1.12 0.00	37.63 1.13 0.00	41.42 1.40 0.00	45.80 1.59 0.00	47.73 1.70 0.00	49.47 1.77 0.00	52.73 1.98 0.00	55.76 1.99 0.00	56.99 2.19 0.00	59.75 2.30 0.00	68.02 2.62 0.00	80.69 3.03 0.00	89.66 3.03 0.00	83.46 2.43 0.00	79.74 2.10 0.00	69.57 1.43 0.00	56.21 1.37 0.00	51.23 1.54 0.00
ATHENS_STG_2 23670	49.56 1.35 0.00	43.53 1.27 0.00	38.92 1.13 0.00	36.44 1.10 0.00	36.41 1.13 0.00	36.37 1.13 0.00	37.10 1.12 0.00	37.63 1.13 0.00	41.42 1.40 0.00	45.80 1.59 0.00	47.73 1.70 0.00	49.47 1.77 0.00	52.73 1.98 0.00	55.76 1.99 0.00	56.99 2.19 0.00	59.75 2.30 0.00	68.02 2.62 0.00	80.69 3.03 0.00	89.66 3.03 0.00	83.46 2.43 0.00	79.74 2.10 0.00	69.57 1.43 0.00	56.21 1.37 0.00	51.23 1.54 0.00
ATHENS_STG_3 23677	49.56 1.35 0.00	43.53 1.27 0.00	38.92 1.13 0.00	36.44 1.10 0.00	36.41 1.13 0.00	36.37 1.13 0.00	37.10 1.12 0.00	37.63 1.13 0.00	41.42 1.40 0.00	45.80 1.59 0.00	47.73 1.70 0.00	49.47 1.77 0.00	52.73 1.98 0.00	55.76 1.99 0.00	56.99 2.19 0.00	59.75 2.30 0.00	68.02 2.62 0.00	80.69 3.03 0.00	89.66 3.03 0.00	83.46 2.43 0.00	79.74 2.10 0.00	69.57 1.43 0.00	56.21 1.37 0.00	51.23 1.54 0.00
AUBURN____LFGE 323710	48.79 0.58 0.00	42.48 0.21 0.00	37.98 0.19 0.00	35.45 0.11 0.00	35.31 0.04 0.00	35.28 0.04 0.00	36.09 0.11 0.00	36.68 0.18 0.00	40.22 0.20 0.00	44.43 0.22 0.00	46.25 0.23 0.00	47.94 0.24 0.00	50.90 0.15 0.00	54.09 0.32 0.00	55.07 0.27 0.00	57.73 0.29 0.00	66.05 0.65 0.00	78.29 0.62 0.00	87.75 1.13 0.00	82.25 1.22 0.00	78.50 0.85 0.00	68.28 0.14 0.00	55.28 0.44 0.00	50.13 0.45 0.00
BABYLON_RES_REC 323704	51.87 3.66 0.00	46.16 3.89 -0.01	41.20 3.40 -0.01	38.57 3.22 -0.01	38.53 3.24 -0.01	38.57 3.31 -0.01	39.37 3.38 -0.01	39.90 3.40 -0.01	44.07 4.04 -0.01	48.95 4.73 -0.01	53.87 4.74 -3.10	58.52 4.53 -6.28	59.64 4.92 -3.97	62.43 4.78 -3.88	72.07 4.93 -12.34	68.10 5.23 -5.43	79.17 6.28 -7.49	99.18 7.22 -14.29	106.64 7.53 -12.48	90.98 6.40 -3.55	86.05 5.51 -2.89	75.21 3.75 -3.33	63.07 3.46 -4.77	54.11 4.42 -0.01
BALL_HILL_WT_PWR 323825	48.07 -0.14 0.00	41.80 -0.46 0.00	37.23 -0.57 0.00	34.64 -0.71 0.00	34.40 -0.88 0.00	34.26 -0.99 0.00	35.16 -0.83 0.00	36.21 -0.29 0.00	39.18 -0.84 0.00	43.02 -1.19 0.00	44.14 -1.89 0.00	45.75 -1.96 0.00	48.32 -2.44 0.00	51.40 -2.36 0.00	52.28 -2.52 0.00	55.43 -2.01 0.00	63.50 -1.90 0.00	74.33 -3.34 0.00	84.11 -2.51 0.00	78.92 -2.11 0.00	75.01 -2.64 0.00	63.64 -4.50 0.00	53.58 -1.26 0.00	48.94 -0.74 0.00
BARON_WINDS____WT_PWR 323822	48.36 0.15 0.00	41.97 -0.29 0.00	37.41 -0.38 0.00	34.92 -0.42 0.00	34.68 -0.60 0.00	34.65 -0.60 0.00	35.44 -0.54 0.00	36.28 -0.22 0.00	39.46 -0.56 0.00	43.41 -0.79 0.00	44.64 -1.38 0.00	46.13 -1.57 0.00	48.67 -2.08 0.00	51.67 -2.10 0.00	52.55 -2.25 0.00	55.43 -2.01 0.00	63.57 -1.83 0.00	74.95 -2.72 0.00	84.80 -1.82 0.00	79.90 -1.13 0.00	76.40 -1.25 0.00	65.41 -2.73 0.00	54.18 -0.66 0.00	49.34 -0.35 0.00
BARRETT_IC_1 23704	51.25 3.04 0.00	45.57 3.30 -0.01	40.78 2.98 -0.01	38.21 2.86 -0.01	38.18 2.89 -0.01	38.18 2.92 -0.01	38.98 2.98 -0.01	39.54 3.03 -0.01	43.63 3.60 -0.01	48.24 4.02 -0.01	53.18 4.05 -3.10	124.80 4.20 -72.89	103.00 4.72 -47.53	103.00 4.62 -44.61	120.60 4.88 -60.93	122.54 5.11 -59.98	115.03 6.01 -43.63	107.36 6.91 -22.78	105.18 7.28 -11.28	111.26 6.00 -24.23	103.00 5.28 -20.07	103.00 3.68 -31.18	112.75 3.67 -54.24	53.67 3.98 -0.01
BARRETT_IC_10 23701	51.25 3.04 0.00	45.57 3.30 -0.01	40.78 2.98 -0.01	38.21 2.86 -0.01	38.18 2.89 -0.01	38.18 2.92 -0.01	38.98 2.98 -0.01	39.54 3.03 -0.01	43.63 3.60 -0.01	48.24 4.02 -0.01	53.18 4.05 -3.10	58.18 4.20 -6.28	58.66 4.72 -3.19	58.18 4.62 0.21	58.18 4.88 1.49	58.18 5.11 4.38	58.18 6.01 13.23	58.18 6.91 26.40	58.66 7.28 35.24	58.18 6.00 28.85	58.66 5.28 24.27	58.66 3.68 13.16	112.75 3.67 -54.24	53.67 3.98 -0.01
BARRETT_IC_11 23702	51.25 3.04 0.00	45.57 3.30 -0.01	40.78 2.98 -0.01	38.21 2.86 -0.01	38.18 2.89 -0.01	38.18 2.92 -0.01	38.98 2.98 -0.01	39.54 3.03 -0.01	43.63 3.60 -0.01	48.24 4.02 -0.01	53.18 4.05 -3.10	58.18 4.20 -6.28	58.66 4.72 -3.19	58.18 4.62 0.21	58.18 4.88 1.49	58.18 5.11 4.38	58.18 6.01 13.23	58.18 6.91 26.40	58.66 7.28 35.24	58.18 6.00 28.85	58.66 5.28 24.27	58.66 3.68 13.16	112.75 3.67 -54.24	53.67 3.98 -0.01
BARRETT_IC_12 23703	51.25 3.04 0.00	45.57 3.30 -0.01	40.78 2.98 -0.01	38.21 2.86 -0.01	38.18 2.89 -0.01	38.18 2.92 -0.01	38.98 2.98 -0.01	39.54 3.03 -0.01	43.63 3.60 -0.01	48.24 4.02 -0.01	53.18 4.05 -3.10	58.18 4.20 -6.28	58.66 4.72 -3.19	58.18 4.62 0.21	58.18 4.88 1.49	58.18 5.11 4.38	58.18 6.01 13.23	58.18 6.91 26.40	58.66 7.28 35.24	58.18 6.00 28.85	58.66 5.28 24.27	58.66 3.68 13.16	112.75 3.67 -54.24	53.67 3.98 -0.01
BARRETT_IC_2 23705	51.25 3.04 0.00	45.57 3.30 -0.01	40.78 2.98 -0.01	38.21 2.86 -0.01	38.18 2.89 -0.01	38.18 2.92 -0.01	38.98 2.98 -0.01	39.54 3.03 -0.01	43.63 3.60 -0.01	48.24 4.02 -0.01	53.18 4.05 -3.10	124.80 4.20 -72.89	103.00 4.72 -47.53	103.00 4.62 -44.61	120.60 4.88 -60.93	122.54 5.11 -59.98	115.03 6.01 -43.63	107.36 6.91 -22.78	105.18 7.28 -11.28	111.26 6.00 -24.23	103.00 5.28 -20.07	103.00 3.68 -31.18	112.75 3.67 -54.24	53.67 3.98 -0.01
BARRETT_IC_3 23706	51.25 3.04 0.00	45.57 3.30 -0.01	40.78 2.98 -0.01	38.21 2.86 -0.01	38.18 2.89 -0.01	38.18 2.92 -0.01	38.98 2.98 -0.01	39.54 3.03 -0.01	43.63 3.60 -0.01	48.24 4.02 -0.01	53.18 4.05 -3.10	124.80 4.20 -72.89	103.00 4.72 -47.53	103.00 4.62 -44.61	120.60 4.88 -60.93	122.54 5.11 -59.98	115.03 6.01 -43.63	107.36 6.91 -22.78	105.18 7.28 -11.28	111.26 6.00 -24.23	103.00 5.28 -20.07	103.00 3.68 -31.18	112.75 3.67 -54.24	53.67 3.98 -0.01
BARRETT_IC_4 23707	51.25 3.04 0.00	45.57 3.30 -0.01	40.78 2.98 -0.01	38.21 2.86 -0.01	38.18 2.89 -0.01	38.18 2.92 -0.01	38.98 2.98 -0.01	39.54 3.03 -0.01	43.63 3.60 -0.01	48.24 4.02 -0.01	53.18 4.05 -3.10	124.80 4.20 -72.89	103.00 4.72 -47.53	103.00 4.62 -44.61	120.60 4.88 -60.93	122.54 5.11 -59.98	115.03 6.01 -43.63	107.36 6.91 -22.78	105.18 7.28 -11.28	111.26 6.00 -24.23	103.00 5.28 -20.07	103.00 3.68 -31.18	112.75 3.67 -54.24	53.67 3.98 -0.01
BARRETT_IC_5 23708	51.25 3.04 0.00	45.57 3.30 -0.01	40.78 2.98 -0.01	38.21 2.86 -0.01	38.18 2.89 -0.01	38.18 2.92 -0.01	38.98 2.98 -0.01	39.54 3.03 -0.01	43.63 3.60 -0.01	48.24 4.02 -0.01	53.18 4.05 -3.10	124.80 4.20 -72.89	103.00 4.72 -47.53	103.00 4.62 -44.61	120.60 4.88 -60.93	122.54 5.11 -59.98	115.03 6.01 -43.63	107.36 6.91 -22.78	105.18 7.28 -11.28	111.26 6.00 -24.23	103.00 5.28 -20.07	103.00 3.68 -31.18	112.75 3.67 -54.24	53.67 3.98 -0.01

BARRETT_IC_6 23709	51.25 3.04 0.00	45.57 3.30 -0.01	40.78 2.98 -0.01	38.21 2.86 -0.01	38.18 2.89 -0.01	38.18 2.92 -0.01	38.98 2.98 -0.01	39.54 3.03 -0.01	43.63 3.60 -0.01	48.24 4.02 -0.01	53.18 4.05 -3.10	124.80 4.20 -72.89	103.00 4.72 -47.53	103.00 4.62 -44.61	120.60 4.88 -60.93	122.54 5.11 -59.98	115.03 6.01 -43.63	107.36 6.91 -22.78	105.18 7.28 -11.28	111.26 6.00 -24.23	103.00 5.28 -20.07	103.00 3.68 -31.18	112.75 3.67 -54.24	53.67 3.98 -0.01
BARRETT_IC_7 23710	51.25 3.04 0.00	45.61 3.34 0.00	40.78 2.99 0.00	38.21 2.86 0.00	38.17 2.89 0.00	38.17 2.93 0.00	38.97 2.99 0.00	39.53 3.03 0.00	43.62 3.60 0.00	48.28 4.07 0.00	53.18 4.05 -3.10	124.80 4.20 -72.89	102.80 4.52 -47.53	102.95 4.57 -44.61	120.60 4.88 -60.93	122.54 5.11 -59.98	115.04 6.02 -43.63	107.36 6.91 -22.78	105.18 7.28 -11.28	111.26 6.00 -24.23	103.00 5.28 -20.07	103.00 3.68 -31.18	112.97 3.89 -54.24	53.76 4.07 0.00
BARRETT_IC_8 23711	51.25 3.04 0.00	45.57 3.30 -0.01	40.78 2.98 -0.01	38.21 2.86 -0.01	38.18 2.89 -0.01	38.18 2.92 -0.01	38.98 2.98 -0.01	39.54 3.03 -0.01	43.63 3.60 -0.01	48.24 4.02 -0.01	53.18 4.05 -3.10	124.80 4.20 -72.89	103.00 4.72 -47.53	103.00 4.62 -44.61	120.60 4.88 -60.93	122.54 5.11 -59.98	115.03 6.01 -43.63	107.36 6.91 -22.78	105.18 7.28 -11.28	111.26 6.00 -24.23	103.00 5.28 -20.07	103.00 3.68 -31.18	112.75 3.67 -54.24	53.67 3.98 -0.01
BARRETT_IC_9 23700	51.25 3.04 0.00	45.57 3.30 -0.01	40.78 2.98 -0.01	38.21 2.86 -0.01	38.18 2.89 -0.01	38.18 2.92 -0.01	38.98 2.98 -0.01	39.54 3.03 -0.01	43.63 3.60 -0.01	48.24 4.02 -0.01	53.18 4.05 -3.10	124.80 4.20 -6.28	58.66 4.72 -3.19	58.18 4.62 0.21	58.18 4.88 1.49	58.18 5.11 4.38	58.18 6.01 13.23	58.18 6.91 26.40	58.66 7.28 35.24	58.18 6.00 28.85	58.66 5.28 24.27	58.66 3.68 13.16	112.75 3.67 -54.24	53.67 3.98 -0.01
BARRETT___1 23545	51.25 3.04 0.00	45.57 3.30 -0.01	40.78 2.98 -0.01	38.21 2.86 -0.01	38.18 2.89 -0.01	38.18 2.92 -0.01	38.98 2.98 -0.01	39.54 3.03 -0.01	43.63 3.60 -0.01	48.24 4.02 -0.01	53.18 4.05 -3.10	124.80 4.20 -72.89	103.00 4.72 -47.53	103.00 4.62 -44.61	120.60 4.88 -60.93	122.54 5.11 -59.98	115.03 6.01 -43.63	107.36 6.91 -22.78	105.18 7.28 -11.28	111.26 6.00 -24.23	103.00 5.28 -20.07	103.00 3.68 -31.18	112.75 3.67 -54.24	53.67 3.98 -0.01
BARRETT___2 23546	51.25 3.04 0.00	45.57 3.30 -0.01	40.78 2.98 -0.01	38.21 2.86 -0.01	38.18 2.89 -0.01	38.18 2.92 -0.01	38.98 2.98 -0.01	39.54 3.03 -0.01	43.63 3.60 -0.01	48.24 4.02 -0.01	53.18 4.05 -3.10	124.80 4.20 -6.28	58.66 4.72 -3.19	58.18 4.62 0.21	58.18 4.88 1.49	58.18 5.11 4.38	58.18 6.01 13.23	58.18 6.91 26.40	58.66 7.28 35.24	58.18 6.00 28.85	58.66 5.28 24.27	58.66 3.68 13.16	112.75 3.67 -54.24	53.67 3.98 -0.01
BATAVIA__115KV_TB1 55881	48.98 0.77 0.00	42.39 0.13 0.00	37.90 0.11 0.00	35.20 -0.14 0.00	34.96 -0.32 0.00	34.82 -0.42 0.00	35.73 -0.25 0.00	36.72 0.22 0.00	39.62 -0.40 0.00	43.24 -0.97 0.00	44.60 -1.43 0.00	46.23 -1.48 0.00	48.87 -1.88 0.00	51.83 -1.94 0.00	52.66 -2.14 0.00	55.61 -1.84 0.00	63.89 -1.50 0.00	74.72 -2.95 0.00	84.72 -1.91 0.00	79.98 -1.05 0.00	75.55 -2.10 0.00	64.46 -3.68 0.00	53.36 -1.48 0.00	49.34 -0.35 0.00
BAYONEEC___CTG1 323682	51.15 2.94 0.00	45.06 2.79 0.00	40.17 2.38 0.00	37.68 2.33 0.00	37.64 2.36 0.00	37.68 2.43 0.00	38.46 2.48 0.00	39.05 2.55 0.00	43.18 3.16 0.00	47.96 3.76 0.00	50.08 4.05 0.00	51.95 4.24 0.00	55.42 4.67 0.00	58.39 4.62 0.00	59.67 4.88 0.00	62.56 5.11 0.00	71.41 6.01 0.00	84.58 6.91 0.00	93.81 7.19 0.00	86.87 5.84 0.00	82.69 5.04 0.00	71.48 3.34 0.00	57.91 3.07 0.00	53.06 3.38 0.00
BAYONEEC___CTG10 323750	51.15 2.94 0.00	45.06 2.79 0.00	40.17 2.38 0.00	37.68 2.33 0.00	37.64 2.36 0.00	37.68 2.43 0.00	38.46 2.48 0.00	39.05 2.55 0.00	43.18 3.16 0.00	47.96 3.76 0.00	50.08 4.05 0.00	51.95 4.24 0.00	55.42 4.67 0.00	58.39 4.62 0.00	59.67 4.88 0.00	62.56 5.11 0.00	71.41 6.01 0.00	84.58 6.91 0.00	93.81 7.19 0.00	86.87 5.84 0.00	82.69 5.04 0.00	71.48 3.34 0.00	57.91 3.07 0.00	53.06 3.38 0.00
BAYONEEC___CTG2 323683	51.15 2.94 0.00	45.06 2.79 0.00	40.17 2.38 0.00	37.68 2.33 0.00	37.64 2.36 0.00	37.68 2.43 0.00	38.46 2.48 0.00	39.05 2.55 0.00	43.18 3.16 0.00	47.96 3.76 0.00	50.08 4.05 0.00	51.95 4.24 0.00	55.42 4.67 0.00	58.39 4.62 0.00	59.67 4.88 0.00	62.56 5.11 0.00	71.41 6.01 0.00	84.58 6.91 0.00	93.81 7.19 0.00	86.87 5.84 0.00	82.69 5.04 0.00	71.48 3.34 0.00	57.91 3.07 0.00	53.06 3.38 0.00
BAYONEEC___CTG3 323684	51.15 2.94 0.00	45.06 2.79 0.00	40.17 2.38 0.00	37.68 2.33 0.00	37.64 2.36 0.00	37.68 2.43 0.00	38.46 2.48 0.00	39.05 2.55 0.00	43.18 3.16 0.00	47.96 3.76 0.00	50.08 4.05 0.00	51.95 4.24 0.00	55.42 4.67 0.00	58.39 4.62 0.00	59.67 4.88 0.00	62.56 5.11 0.00	71.41 6.01 0.00	84.58 6.91 0.00	93.81 7.19 0.00	86.87 5.84 0.00	82.69 5.04 0.00	71.48 3.34 0.00	57.91 3.07 0.00	53.06 3.38 0.00
BAYONEEC___CTG4 323685	51.15 2.94 0.00	45.06 2.79 0.00	40.17 2.38 0.00	37.68 2.33 0.00	37.64 2.36 0.00	37.68 2.43 0.00	38.46 2.48 0.00	39.05 2.55 0.00	43.18 3.16 0.00	47.96 3.76 0.00	50.08 4.05 0.00	51.95 4.24 0.00	55.42 4.67 0.00	58.39 4.62 0.00	59.67 4.88 0.00	62.56 5.11 0.00	71.41 6.01 0.00	84.58 6.91 0.00	93.81 7.19 0.00	86.87 5.84 0.00	82.69 5.04 0.00	71.48 3.34 0.00	57.91 3.07 0.00	53.06 3.38 0.00
BAYONEEC___CTG5 323686	51.15 2.94 0.00	45.06 2.79 0.00	40.17 2.38 0.00	37.68 2.33 0.00	37.64 2.36 0.00	37.68 2.43 0.00	38.46 2.48 0.00	39.05 2.55 0.00	43.18 3.16 0.00	47.96 3.76 0.00	50.08 4.05 0.00	51.95 4.24 0.00	55.42 4.67 0.00	58.39 4.62 0.00	59.67 4.88 0.00	62.56 5.11 0.00	71.41 6.01 0.00	84.58 6.91 0.00	93.81 7.19 0.00	86.87 5.84 0.00	82.69 5.04 0.00	71.48 3.34 0.00	57.91 3.07 0.00	53.06 3.38 0.00
BAYONEEC___CTG6 323687	51.15 2.94 0.00	45.06 2.79 0.00	40.17 2.38 0.00	37.68 2.33 0.00	37.64 2.36 0.00	37.68 2.43 0.00	38.46 2.48 0.00	39.05 2.55 0.00	43.18 3.16 0.00	47.96 3.76 0.00	50.08 4.05 0.00	51.95 4.24 0.00	55.42 4.67 0.00	58.39 4.62 0.00	59.67 4.88 0.00	62.56 5.11 0.00	71.41 6.01 0.00	84.58 6.91 0.00	93.81 7.19 0.00	86.87 5.84 0.00	82.69 5.04 0.00	71.48 3.34 0.00	57.91 3.07 0.00	53.06 3.38 0.00
BAYONEEC___CTG7 323688	51.15 2.94 0.00	45.06 2.79 0.00	40.17 2.38 0.00	37.68 2.33 0.00	37.64 2.36 0.00	37.68 2.43 0.00	38.46 2.48 0.00	39.05 2.55 0.00	43.18 3.16 0.00	47.96 3.76 0.00	50.08 4.05 0.00	51.95 4.24 0.00	55.42 4.67 0.00	58.39 4.62 0.00	59.67 4.88 0.00	62.56 5.11 0.00	71.41 6.01 0.00	84.58 6.91 0.00	93.81 7.19 0.00	86.87 5.84 0.00	82.69 5.04 0.00	71.48 3.34 0.00	57.91 3.07 0.00	53.06 3.38 0.00

BAYONEEC___CTG8 323689	51.15 2.94 0.00	45.06 2.79 0.00	40.17 2.38 0.00	37.68 2.33 0.00	37.64 2.36 0.00	37.68 2.43 0.00	38.46 2.48 0.00	39.05 2.55 0.00	43.18 3.16 0.00	47.96 3.76 0.00	50.08 4.05 0.00	51.95 4.24 0.00	55.42 4.67 0.00	58.39 4.62 0.00	59.67 4.88 0.00	62.56 5.11 0.00	71.41 6.01 0.00	84.58 6.91 0.00	93.81 7.19 0.00	86.87 5.84 0.00	82.69 5.04 0.00	71.48 3.34 0.00	57.91 3.07 0.00	53.06 3.38 0.00
BAYONEEC___CTG9 323749	51.15 2.94 0.00	45.06 2.79 0.00	40.17 2.38 0.00	37.68 2.33 0.00	37.64 2.36 0.00	37.68 2.43 0.00	38.46 2.48 0.00	39.05 2.55 0.00	43.18 3.16 0.00	47.96 3.76 0.00	50.08 4.05 0.00	51.95 4.24 0.00	55.42 4.67 0.00	58.39 4.62 0.00	59.67 4.88 0.00	62.56 5.11 0.00	71.41 6.01 0.00	84.58 6.91 0.00	93.81 7.19 0.00	86.87 5.84 0.00	82.69 5.04 0.00	71.48 3.34 0.00	57.91 3.07 0.00	53.06 3.38 0.00
BEACON___LESR 323632	49.80 1.59 0.00	43.66 1.39 0.00	39.15 1.36 0.00	36.65 1.31 0.00	36.59 1.31 0.00	36.51 1.27 0.00	37.24 1.26 0.00	37.78 1.28 0.00	41.54 1.52 0.00	45.80 1.59 0.00	47.63 1.61 0.00	49.37 1.67 0.00	52.63 1.88 0.00	55.86 2.09 0.00	57.04 2.25 0.00	59.80 2.36 0.00	68.08 2.68 0.00	81.00 3.34 0.00	90.18 3.55 0.00	83.94 2.91 0.00	80.29 2.64 0.00	69.98 1.84 0.00	56.48 1.64 0.00	51.32 1.64 0.00
BEAVER RIVER___HYD 24048	49.61 1.40 0.00	43.28 1.01 0.00	38.74 0.95 0.00	36.05 0.71 0.00	36.09 0.81 0.00	36.30 1.06 0.00	36.99 1.01 0.00	37.34 0.84 0.00	40.78 0.76 0.00	44.96 0.75 0.00	46.72 0.69 0.00	47.99 0.29 0.00	51.01 0.26 0.00	54.04 0.27 0.00	54.69 -0.11 0.00	57.33 -0.11 0.00	65.33 -0.07 0.00	78.36 0.70 0.00	88.70 2.08 0.00	83.87 2.83 0.00	80.67 3.03 0.00	70.87 2.73 0.00	56.54 1.70 0.00	51.13 1.44 0.00
BEEBEE_GT_13 23619	48.36 0.14 0.00	41.89 -0.38 0.00	37.45 -0.34 0.00	34.85 -0.49 0.00	34.68 -0.60 0.00	34.58 -0.67 0.00	35.41 -0.58 0.00	36.28 -0.22 0.00	39.54 -0.48 0.00	43.55 -0.66 0.00	45.20 -0.83 0.00	46.85 -0.86 0.00	49.79 -0.96 0.00	52.74 -1.02 0.00	53.65 -1.15 0.00	56.41 -1.03 0.00	64.68 -0.72 0.00	75.80 -1.86 0.00	85.41 -1.21 0.00	80.38 -0.65 0.00	76.25 -1.40 0.00	65.62 -2.52 0.00	53.80 -1.04 0.00	49.24 -0.45 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.88 3.66 -0.01	45.82 3.55 0.00	40.81 3.02 0.00	38.24 2.90 0.00	38.21 2.93 0.00	38.21 2.96 0.00	39.00 3.02 0.00	39.60 3.10 0.00	43.82 3.80 0.00	48.72 4.51 0.00	50.81 4.79 0.00	52.76 5.06 0.00	56.23 5.48 0.00	59.26 5.48 -0.01	60.39 5.59 -0.01	63.14 5.69 -0.01	71.88 6.47 -0.01	85.13 7.46 -0.01	94.43 7.80 -0.01	87.51 6.48 0.00	83.39 5.75 0.00	72.02 3.88 0.01	58.90 4.06 0.00	54.01 4.32 0.00
BETHLEHEM___GRP 23843	48.98 0.77 0.00	42.99 0.72 0.00	38.58 0.79 0.00	36.16 0.81 0.00	36.09 0.81 0.00	36.06 0.81 0.00	36.74 0.76 0.00	37.27 0.77 0.00	40.94 0.92 0.00	45.14 0.93 0.00	46.90 0.87 0.00	48.56 0.86 0.00	51.77 1.02 0.00	54.89 1.13 0.00	56.06 1.26 0.00	58.77 1.32 0.00	66.90 1.50 0.00	79.53 1.86 0.00	88.44 1.82 0.00	82.41 1.38 0.00	78.81 1.16 0.00	68.75 0.61 0.00	55.61 0.77 0.00	50.48 0.79 0.00
BETHLEHEM___GS1 323560	48.98 0.77 0.00	42.98 0.72 0.00	38.59 0.79 0.00	36.16 0.81 0.00	36.09 0.81 0.00	36.06 0.81 0.00	36.74 0.76 0.00	37.27 0.77 0.00	40.94 0.92 0.00	45.14 0.93 0.00	46.90 0.87 0.00	48.56 0.86 0.00	51.77 1.01 0.00	54.90 1.13 0.00	56.06 1.26 0.00	58.77 1.32 0.00	66.90 1.51 0.00	79.53 1.86 0.00	88.45 1.82 0.00	82.32 1.29 0.00	78.81 1.17 0.00	68.75 0.61 0.00	55.50 0.66 0.00	50.48 0.79 0.00
BETHLEHEM___GS2 323561	48.98 0.77 0.00	42.98 0.72 0.00	38.59 0.79 0.00	36.16 0.81 0.00	36.09 0.81 0.00	36.06 0.81 0.00	36.74 0.76 0.00	37.27 0.77 0.00	40.94 0.92 0.00	45.14 0.93 0.00	46.90 0.87 0.00	48.56 0.86 0.00	51.77 1.01 0.00	54.90 1.13 0.00	56.06 1.26 0.00	58.77 1.32 0.00	66.90 1.51 0.00	79.53 1.86 0.00	88.45 1.82 0.00	82.32 1.29 0.00	78.81 1.17 0.00	68.75 0.61 0.00	55.50 0.66 0.00	50.48 0.79 0.00
BETHLEHEM___GS3 323562	48.98 0.77 0.00	42.98 0.72 0.00	38.59 0.79 0.00	36.16 0.81 0.00	36.09 0.81 0.00	36.06 0.81 0.00	36.74 0.76 0.00	37.27 0.77 0.00	40.94 0.92 0.00	45.14 0.93 0.00	46.90 0.87 0.00	48.56 0.86 0.00	51.77 1.01 0.00	54.90 1.13 0.00	56.06 1.26 0.00	58.77 1.32 0.00	66.90 1.51 0.00	79.53 1.86 0.00	88.45 1.82 0.00	82.32 1.29 0.00	78.81 1.17 0.00	68.75 0.61 0.00	55.50 0.66 0.00	50.48 0.79 0.00
BETHLEHEM___STEEL 23779	48.02 -0.19 0.00	41.63 -0.63 0.00	37.19 -0.60 0.00	34.60 -0.74 0.00	34.33 -0.95 0.00	34.15 -1.09 0.00	35.05 -0.94 0.00	36.13 -0.37 0.00	39.10 -0.92 0.00	42.79 -1.41 0.00	43.95 -2.07 0.00	45.56 -2.15 0.00	48.32 -2.44 0.00	51.24 -2.53 0.00	52.06 -2.74 0.00	55.09 -2.36 0.00	63.24 -2.16 0.00	73.86 -3.81 0.00	83.59 -3.03 0.00	78.52 -2.51 0.00	74.31 -3.34 0.00	63.17 -4.97 0.00	52.48 -2.36 0.00	48.39 -1.29 0.00
BETHLHEM_115KV_TB1 79974	49.08 0.87 0.00	43.07 0.80 0.00	38.66 0.87 0.00	36.19 0.85 0.00	36.13 0.85 0.00	36.09 0.85 0.00	36.77 0.79 0.00	37.30 0.80 0.00	40.98 0.96 0.00	45.23 1.02 0.00	46.99 0.97 0.00	48.71 1.00 0.00	51.87 1.12 0.00	55.00 1.24 0.00	56.17 1.37 0.00	58.88 1.44 0.00	67.03 1.63 0.00	79.69 2.02 0.00	88.62 1.99 0.00	82.49 1.46 0.00	78.97 1.32 0.00	68.89 0.75 0.00	55.72 0.88 0.00	50.58 0.89 0.00
BETHPAGE_CC_5 323564	51.49 3.28 0.00	45.78 3.51 -0.01	40.90 3.10 -0.01	38.35 3.00 -0.01	38.32 3.03 -0.01	38.36 3.10 -0.01	39.12 3.13 -0.01	39.72 3.21 -0.01	43.79 3.76 -0.01	48.59 4.38 -0.01	53.59 4.46 -3.10	60.01 4.63 -7.68	60.72 5.07 -4.89	63.54 5.00 -4.77	70.41 5.31 -10.30	69.68 5.57 -6.66	80.82 6.60 -8.82	93.46 7.69 -8.10	100.39 7.96 -5.80	91.99 6.72 -4.23	86.96 5.83 -3.48	76.28 4.09 -4.05	64.61 3.56 -6.21	53.77 4.07 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	48.07 -0.14 0.00	41.68 -0.59 0.00	37.22 -0.57 0.00	34.60 -0.74 0.00	34.33 -0.95 0.00	34.19 -1.06 0.00	35.08 -0.90 0.00	36.17 -0.33 0.00	39.14 -0.88 0.00	42.88 -1.33 0.00	44.05 -1.98 0.00	45.70 -2.00 0.00	48.47 -2.28 0.00	51.35 -2.42 0.00	52.22 -2.58 0.00	55.26 -2.18 0.00	63.43 -1.96 0.00	74.09 -3.57 0.00	83.85 -2.77 0.00	78.76 -2.27 0.00	74.54 -3.11 0.00	63.37 -4.77 0.00	52.59 -2.25 0.00	48.44 -1.24 0.00
BINGHAMTON___COGEN 23790	48.74 0.53 0.00	42.52 0.25 0.00	38.02 0.23 0.00	35.52 0.18 0.00	35.39 0.11 0.00	35.35 0.11 0.00	36.13 0.14 0.00	36.79 0.29 0.00	40.30 0.28 0.00	44.47 0.27 0.00	46.21 0.18 0.00	47.90 0.19 0.00	50.85 0.10 0.00	53.93 0.16 0.00	54.91 0.11 0.00	57.67 0.23 0.00	65.92 0.52 0.00	77.98 0.31 0.00	87.32 0.69 0.00	81.68 0.65 0.00	77.96 0.31 0.00	67.66 -0.48 0.00	55.00 0.16 0.00	50.03 0.35 0.00

BIXINCNT_115KV_LOAD 355685	47.83 -0.39 0.00	41.38 -0.89 0.00	36.85 -0.94 0.00	34.25 -1.10 0.00	33.94 -1.34 0.00	33.87 -1.37 0.00	34.76 -1.22 0.00	35.92 -0.58 0.00	38.86 -1.16 0.00	42.71 -1.50 0.00	43.95 -2.07 0.00	45.61 -2.10 0.00	48.32 -2.44 0.00	51.18 -2.58 0.00	52.06 -2.74 0.00	55.03 -2.41 0.00	63.17 -2.22 0.00	74.09 -3.57 0.00	84.11 -2.51 0.00	79.17 -1.86 0.00	75.01 -2.64 0.00	63.71 -4.43 0.00	52.76 -2.08 0.00	48.39 -1.29 0.00
BLACK RIVER___HYD 24047	50.48 2.27 0.00	44.04 1.77 0.00	39.38 1.59 0.00	36.55 1.20 0.00	36.55 1.27 0.00	36.69 1.45 0.00	37.35 1.37 0.00	37.67 1.17 0.00	41.18 1.16 0.00	45.31 1.11 0.00	47.08 1.06 0.00	48.52 0.81 0.00	51.51 0.76 0.00	54.62 0.86 0.00	55.23 0.44 0.00	57.90 0.46 0.00	66.12 0.72 0.00	79.30 1.63 0.00	90.18 3.55 0.00	85.40 4.37 0.00	82.15 4.50 0.00	72.02 3.88 0.00	57.53 2.69 0.00	52.02 2.34 0.00
BLACKRVR_115KV_TB2 79977	50.48 2.27 0.00	44.00 1.73 0.00	39.38 1.59 0.00	36.55 1.20 0.00	36.55 1.27 0.00	36.69 1.45 0.00	37.35 1.37 0.00	37.67 1.17 0.00	41.18 1.16 0.00	45.31 1.11 0.00	47.08 1.06 0.00	48.52 0.81 0.00	51.51 0.76 0.00	54.63 0.86 0.00	55.18 0.38 0.00	57.90 0.46 0.00	66.12 0.72 0.00	79.30 1.63 0.00	90.18 3.55 0.00	85.41 4.38 0.00	82.07 4.43 0.00	72.02 3.88 0.00	57.47 2.63 0.00	51.97 2.29 0.00
BLDWN_LI_69_KV_BK4 356085	51.83 3.62 0.00	46.07 3.80 0.00	41.08 3.29 0.00	38.49 3.15 0.00	38.45 3.18 0.00	38.45 3.21 0.00	39.26 3.27 0.00	39.82 3.32 0.00	43.98 3.96 0.00	48.81 4.60 0.00	53.82 4.69 -3.10	76.58 4.96 -23.91	71.62 5.33 -15.54	73.99 5.38 -14.85	80.95 5.75 -20.40	83.86 6.09 -20.33	92.82 7.13 -20.30	98.21 8.31 -12.23	102.10 8.75 -6.73	98.90 7.37 -10.50	92.88 6.52 -8.72	84.45 4.84 -11.48	78.15 4.50 -18.81	54.30 4.62 0.00
BLISS_WT_PWR 323608	47.73 -0.48 0.00	41.42 -0.85 0.00	36.69 -1.10 0.00	34.14 -1.20 0.00	33.80 -1.48 0.00	33.73 -1.51 0.00	34.65 -1.33 0.00	35.84 -0.66 0.00	38.78 -1.24 0.00	42.71 -1.50 0.00	43.86 -2.16 0.00	45.51 -2.19 0.00	47.96 -2.79 0.00	51.02 -2.74 0.00	51.94 -2.85 0.00	54.98 -2.47 0.00	63.05 -2.35 0.00	73.94 -3.73 0.00	84.03 -2.60 0.00	79.09 -1.95 0.00	75.24 -2.41 0.00	63.71 -4.43 0.00	53.52 -1.32 0.00	48.74 -0.95 0.00
BLUESTONE___WT_PWR 323821	51.10 2.89 0.00	44.59 2.32 0.00	39.87 2.08 0.00	37.08 1.73 0.00	37.01 1.73 0.00	37.04 1.80 0.00	37.85 1.87 0.00	38.47 1.97 0.00	42.18 2.16 0.00	46.51 2.30 0.00	48.32 2.30 0.00	49.99 2.29 0.00	53.14 2.39 0.00	56.45 2.69 0.00	57.04 2.25 0.00	59.91 2.47 0.00	68.47 3.07 0.00	81.55 3.88 0.00	92.09 5.46 0.00	86.38 5.35 0.00	82.54 4.89 0.00	71.75 3.61 0.00	58.02 3.18 0.00	52.66 2.98 0.00
BLUE_CIRC_CHEM_DRP 24182	49.61 1.40 0.00	43.53 1.27 0.00	39.00 1.21 0.00	36.51 1.17 0.00	36.44 1.16 0.00	36.41 1.16 0.00	37.10 1.12 0.00	37.59 1.09 0.00	41.26 1.24 0.00	45.49 1.28 0.00	47.27 1.24 0.00	48.95 1.24 0.00	52.12 1.37 0.00	55.27 1.51 0.00	56.44 1.64 0.00	59.17 1.72 0.00	67.36 1.96 0.00	80.08 2.41 0.00	89.14 2.51 0.00	83.14 2.11 0.00	79.66 2.02 0.00	69.50 1.36 0.00	56.26 1.43 0.00	51.12 1.44 0.00
BOC_GAS_DRP 24189	49.27 1.06 0.00	43.24 0.97 0.00	38.70 0.91 0.00	36.23 0.88 0.00	36.20 0.92 0.00	36.13 0.88 0.00	36.85 0.86 0.00	37.38 0.88 0.00	41.06 1.04 0.00	45.36 1.15 0.00	47.17 1.15 0.00	48.90 1.19 0.00	52.12 1.37 0.00	55.16 1.40 0.00	56.39 1.59 0.00	59.11 1.67 0.00	67.23 1.83 0.00	79.84 2.17 0.00	88.79 2.17 0.00	82.73 1.70 0.00	79.12 1.48 0.00	69.09 0.95 0.00	55.94 1.10 0.00	50.78 1.09 0.00
BOONVILLE_115KV_TB1 79983	49.61 1.40 0.00	43.37 1.10 0.00	38.77 0.98 0.00	36.16 0.81 0.00	36.13 0.85 0.00	36.23 0.99 0.00	36.99 1.01 0.00	37.45 0.95 0.00	41.06 1.04 0.00	45.27 1.06 0.00	47.08 1.06 0.00	48.56 0.86 0.00	51.67 0.91 0.00	54.79 1.02 0.00	55.51 0.71 0.00	58.19 0.75 0.00	66.38 0.98 0.00	79.30 1.63 0.00	89.22 2.60 0.00	83.87 2.84 0.00	80.36 2.72 0.00	70.39 2.25 0.00	56.43 1.59 0.00	51.12 1.44 0.00
BORALEX_4TH_BRANCH 23824	51.15 2.94 0.00	44.89 2.62 0.00	40.13 2.34 0.00	37.57 2.23 0.00	37.50 2.22 0.00	37.47 2.22 0.00	38.21 2.23 0.00	38.73 2.23 0.00	42.58 2.56 0.00	46.91 2.70 0.00	48.74 2.72 0.00	50.57 2.86 0.00	53.90 3.15 0.00	57.10 3.33 0.00	58.47 3.67 0.00	61.29 3.85 0.00	69.84 4.45 0.00	83.18 5.51 0.00	92.34 5.72 0.00	85.97 4.94 0.00	82.07 4.43 0.00	71.55 3.41 0.00	57.96 3.13 0.00	52.57 2.88 0.00
BOWLINE___1 23526	50.53 2.31 0.00	44.46 2.20 0.00	39.72 1.93 0.00	37.25 1.91 0.00	37.22 1.94 0.00	37.22 1.97 0.00	37.96 1.98 0.00	38.51 2.01 0.00	42.50 2.48 0.00	47.08 2.87 0.00	49.16 3.13 0.00	50.99 3.29 0.00	54.41 3.66 0.00	57.42 3.66 0.00	58.74 3.95 0.00	61.58 4.14 0.00	70.30 4.91 0.00	83.33 5.67 0.00	92.52 5.89 0.00	85.81 4.78 0.00	81.76 4.11 0.00	70.87 2.73 0.00	57.31 2.47 0.00	52.46 2.78 0.00
BOWLINE___2 23595	50.48 2.27 0.00	44.42 2.15 0.00	39.68 1.89 0.00	37.25 1.91 0.00	37.22 1.94 0.00	37.22 1.97 0.00	37.96 1.98 0.00	38.51 2.01 0.00	42.46 2.44 0.00	47.04 2.83 0.00	49.06 3.04 0.00	50.95 3.25 0.00	54.36 3.60 0.00	57.31 3.55 0.00	58.63 3.83 0.00	61.47 4.02 0.00	70.17 4.77 0.00	83.26 5.60 0.00	92.34 5.72 0.00	85.65 4.62 0.00	81.60 3.96 0.00	70.80 2.65 0.00	57.20 2.36 0.00	52.36 2.68 0.00
BRADY___115KV_TB2 356060	48.84 0.63 0.00	42.86 0.59 0.00	38.32 0.53 0.00	35.77 0.42 0.00	35.77 0.49 0.00	35.77 0.53 0.00	36.49 0.50 0.00	36.79 0.29 0.00	39.98 -0.04 0.00	44.12 -0.09 0.00	45.98 -0.05 0.00	47.56 -0.14 0.00	50.60 -0.15 0.00	53.50 -0.27 0.00	54.30 -0.49 0.00	56.81 -0.63 0.00	64.42 -0.98 0.00	76.97 -0.70 0.00	86.37 -0.26 0.00	81.92 0.89 0.00	78.97 1.32 0.00	70.18 2.04 0.00	55.77 0.93 0.00	50.23 0.55 0.00
BRANSCOMB___SOLAR 323811	50.72 2.51 0.00	44.46 2.20 0.00	39.75 1.96 0.00	37.22 1.87 0.00	37.15 1.87 0.00	37.04 1.80 0.00	37.78 1.80 0.00	38.36 1.86 0.00	42.02 2.00 0.00	46.33 2.12 0.00	48.00 1.98 0.00	49.75 2.05 0.00	52.98 2.23 0.00	56.24 2.47 0.00	57.37 2.58 0.00	60.15 2.70 0.00	68.60 3.20 0.00	81.86 4.19 0.00	91.56 4.94 0.00	85.40 4.37 0.00	82.15 4.50 0.00	71.48 3.34 0.00	57.69 2.85 0.00	52.36 2.68 0.00
BRDGHMPT_69_KV_BK1 55812	52.36 4.15 0.00	46.92 4.65 0.00	41.76 3.97 0.00	38.95 3.61 0.00	38.95 3.67 0.00	39.02 3.77 0.00	39.76 3.78 0.00	40.30 3.80 0.00	44.94 4.92 0.00	50.18 5.97 0.00	55.25 6.12 -3.10	57.24 6.63 -2.91	59.35 6.85 -1.75	62.59 7.10 -1.73	78.34 7.56 -15.98	83.76 8.10 -18.21	106.22 9.48 -31.34	242.20 11.03 -153.51	250.52 11.69 -152.20	95.13 10.05 -4.05	87.45 8.46 -1.34	75.78 6.13 -1.50	61.56 4.61 -2.12	55.05 5.37 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	52.17 3.95 0.00	46.66 4.40 0.00	41.57 3.78 0.00	38.88 3.53 0.00	38.84 3.56 0.00	38.88 3.63 0.00	39.69 3.71 0.00	40.22 3.72 0.00	44.46 4.44 0.00	49.43 5.22 0.00	54.23 5.11 -3.10	56.48 5.39 -3.39	58.25 5.43 -2.07	61.34 5.54 -2.04	115.98 5.97 -55.21	66.54 6.20 -2.89	79.01 7.26 -6.35	119.74 7.84 -34.22	127.94 8.23 -33.09	90.46 7.21 -2.21	85.90 6.60 -1.66	74.67 4.70 -1.82	61.48 4.11 -2.53	54.65 4.97 0.00
BRISTLHL_115KV_TB1 79998	47.68 -0.53 0.00	41.59 -0.68 0.00	37.22 -0.57 0.00	34.78 -0.57 0.00	34.64 -0.64 0.00	34.61 -0.63 0.00	35.37 -0.61 0.00	35.92 -0.58 0.00	39.42 -0.60 0.00	43.55 -0.66 0.00	45.29 -0.74 0.00	46.99 -0.72 0.00	49.94 -0.81 0.00	52.96 -0.81 0.00	53.92 -0.88 0.00	56.58 -0.86 0.00	64.55 -0.85 0.00	76.50 -1.17 0.00	85.50 -1.13 0.00	80.06 -0.97 0.00	76.56 -1.09 0.00	66.78 -1.36 0.00	54.02 -0.82 0.00	48.99 -0.70 0.00
BROOKHAVEN___DRP 24191	51.44 3.23 0.00	46.16 3.89 0.00	41.12 3.33 0.00	38.42 3.07 0.00	38.38 3.10 0.00	38.45 3.21 0.00	39.29 3.31 0.00	39.71 3.21 0.00	44.02 4.00 0.00	48.94 4.73 0.00	53.77 4.65 -3.10	55.61 5.01 -2.89	57.62 5.13 -1.74	60.70 5.22 -1.72	75.93 5.59 -15.55	80.99 5.97 -17.57	103.15 7.06 -30.69	238.43 8.16 -152.61	246.51 8.58 -151.31	92.23 7.21 -3.99	85.19 6.21 -1.33	74.06 4.43 -1.50	60.46 3.51 -2.11	54.01 4.32 0.00
BROOKLYN_NAVY_YARD 23515	51.10 2.89 0.00	45.01 2.75 0.00	40.17 2.38 0.00	37.64 2.30 0.00	37.64 2.36 0.00	37.64 2.40 0.00	38.46 2.48 0.00	39.09 2.59 0.00	43.22 3.20 0.00	48.01 3.80 0.00	50.08 4.05 0.00	51.95 4.24 0.00	55.47 4.72 0.00	58.44 4.68 0.00	59.78 4.99 0.00	62.62 5.17 0.00	71.48 6.08 0.00	84.73 7.07 0.00	93.98 7.36 0.00	87.03 6.00 0.00	82.85 5.20 0.00	71.55 3.41 0.00	58.02 3.18 0.00	53.16 3.48 0.00
BROOKLYN___ARMY_DRP 323595	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
BROOME_2_LFGE 323671	48.74 0.53 0.00	42.56 0.30 0.00	38.02 0.23 0.00	35.52 0.18 0.00	35.39 0.11 0.00	35.35 0.11 0.00	36.13 0.14 0.00	36.79 0.29 0.00	40.30 0.28 0.00	44.48 0.27 0.00	46.21 0.18 0.00	47.90 0.19 0.00	50.85 0.10 0.00	53.93 0.16 0.00	54.91 0.11 0.00	57.68 0.23 0.00	65.92 0.52 0.00	77.98 0.31 0.00	87.32 0.69 0.00	81.68 0.65 0.00	78.04 0.39 0.00	67.73 -0.41 0.00	55.17 0.33 0.00	50.13 0.45 0.00
BROOME___LFGE 323600	48.74 0.53 0.00	42.56 0.30 0.00	38.02 0.23 0.00	35.52 0.18 0.00	35.39 0.11 0.00	35.35 0.11 0.00	36.13 0.14 0.00	36.79 0.29 0.00	40.30 0.28 0.00	44.48 0.27 0.00	46.21 0.18 0.00	47.90 0.19 0.00	50.85 0.10 0.00	53.93 0.16 0.00	54.91 0.11 0.00	57.68 0.23 0.00	65.92 0.52 0.00	77.98 0.31 0.00	87.32 0.69 0.00	81.68 0.65 0.00	78.04 0.39 0.00	67.73 -0.41 0.00	55.17 0.33 0.00	50.13 0.45 0.00
BROWNFLS_115KV_TB_3_5 80003	49.08 0.87 0.00	42.90 0.63 0.00	38.40 0.60 0.00	35.77 0.42 0.00	35.81 0.53 0.00	35.91 0.67 0.00	36.63 0.65 0.00	36.97 0.47 0.00	40.34 0.32 0.00	44.52 0.31 0.00	46.30 0.28 0.00	47.75 0.05 0.00	50.75 0.00 0.00	53.71 -0.05 0.00	54.41 -0.38 0.00	56.99 -0.46 0.00	64.81 -0.59 0.00	77.59 -0.08 0.00	87.49 0.87 0.00	82.73 1.70 0.00	79.66 2.02 0.00	70.25 2.11 0.00	55.94 1.10 0.00	50.53 0.84 0.00
BROWNSV1_27_KV_LOAD 356125	51.64 3.42 0.00	45.52 3.25 0.00	40.55 2.76 0.00	38.03 2.69 0.00	38.00 2.72 0.00	37.99 2.75 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.58 4.56 0.00	52.52 4.82 0.00	55.98 5.23 0.00	59.09 5.32 0.00	60.44 5.64 0.00	63.36 5.92 0.00	72.33 6.93 0.00	85.67 8.00 0.00	95.03 8.40 0.00	88.00 6.97 0.00	83.78 6.13 0.00	72.37 4.22 0.00	58.90 4.06 0.00	53.71 4.02 0.00
BURROWS___LYONSDAL 23803	49.56 1.35 0.00	43.28 1.01 0.00	38.74 0.94 0.00	36.09 0.74 0.00	36.09 0.81 0.00	36.27 1.02 0.00	36.99 1.01 0.00	37.41 0.91 0.00	40.98 0.96 0.00	45.18 0.97 0.00	46.99 0.97 0.00	48.37 0.67 0.00	51.46 0.71 0.00	54.52 0.75 0.00	55.24 0.44 0.00	57.96 0.52 0.00	66.05 0.65 0.00	78.99 1.32 0.00	89.05 2.43 0.00	83.79 2.76 0.00	80.36 2.72 0.00	70.39 2.25 0.00	56.37 1.54 0.00	51.07 1.39 0.00
CAITHNESS_CC_1 323624	51.44 3.23 0.00	45.95 3.68 -0.01	41.09 3.29 -0.01	38.43 3.07 -0.01	38.39 3.11 -0.01	38.43 3.17 -0.01	39.26 3.27 -0.01	39.72 3.21 -0.01	43.99 3.96 -0.01	48.86 4.64 -0.01	53.77 4.65 -3.10	55.50 4.91 -2.88	57.71 5.23 -1.73	60.53 5.05 -1.71	75.39 5.48 -15.11	80.07 5.69 -16.94	102.30 6.86 -30.04	237.31 7.93 -151.71	245.37 8.32 -150.42	92.00 7.05 -3.92	85.03 6.06 -1.32	73.85 4.23 -1.49	60.17 3.23 -2.10	53.71 4.02 -0.01
CALPINE BETH_PAGE_GT4 24209	51.39 3.18 0.00	45.73 3.47 0.00	40.78 2.99 0.00	38.31 2.97 0.00	38.28 3.00 0.00	38.31 3.07 0.00	39.08 3.09 0.00	39.68 3.18 0.00	43.66 3.64 0.00	48.50 4.29 0.00	53.50 4.37 -3.10	62.02 4.58 -9.73	61.82 4.82 -6.25	64.76 4.89 -6.10	71.14 5.26 -11.09	71.59 5.63 -8.51	83.19 6.61 -11.19	94.33 7.61 -9.05	100.66 7.97 -6.06	93.11 6.64 -5.43	87.96 5.82 -4.49	77.43 4.09 -5.20	66.62 3.78 -8.00	53.81 4.12 0.00
CALPINE_BETH_PAGE_GT_4 323586	51.39 3.18 0.00	45.66 3.38 -0.01	40.78 2.98 -0.01	38.32 2.97 -0.01	38.28 3.00 -0.01	38.32 3.06 -0.01	39.09 3.09 -0.01	39.68 3.17 -0.01	43.67 3.64 -0.01	48.46 4.24 -0.01	53.50 4.37 -3.10	62.02 4.58 -9.73	62.03 5.03 -6.25	64.81 4.94 -6.10	71.14 5.26 -11.09	71.53 5.57 -8.51	83.19 6.60 -11.19	94.34 7.62 -9.05	100.65 7.96 -6.06	93.19 6.72 -5.43	87.96 5.83 -4.49	77.43 4.09 -5.20	66.40 3.56 -8.00	53.67 3.98 -0.01
CALPINE_BP_GT1 23823	51.39 3.18 0.00	45.66 3.38 -0.01	40.78 2.98 -0.01	38.32 2.97 -0.01	38.28 3.00 -0.01	38.32 3.06 -0.01	39.09 3.09 -0.01	39.68 3.17 -0.01	43.67 3.64 -0.01	48.46 4.24 -0.01	53.50 4.37 -3.10	62.02 4.58 -9.73	62.03 5.03 -6.25	64.81 4.94 -6.10	71.14 5.26 -11.09	71.53 5.57 -8.51	83.19 6.60 -11.19	94.34 7.62 -9.05	100.65 7.96 -6.06	93.19 6.72 -5.43	87.96 5.83 -4.49	77.43 4.09 -5.20	66.40 3.56 -8.00	53.67 3.98 -0.01
CALSPAN___DRP 24200	48.02 -0.19 0.00	41.63 -0.63 0.00	37.19 -0.60 0.00	34.60 -0.74 0.00	34.33 -0.95 0.00	34.15 -1.09 0.00	35.05 -0.94 0.00	36.13 -0.37 0.00	39.10 -0.92 0.00	42.79 -1.41 0.00	43.95 -2.07 0.00	45.56 -2.15 0.00	48.32 -2.44 0.00	51.24 -2.53 0.00	52.06 -2.74 0.00	55.09 -2.36 0.00	63.24 -2.16 0.00	73.86 -3.81 0.00	83.59 -3.03 0.00	78.52 -2.51 0.00	74.31 -3.34 0.00	63.17 -4.97 0.00	52.48 -2.36 0.00	48.39 -1.29 0.00

CALVERTON___SOLAR 323806	51.54 3.32 0.00	46.08 3.81 -0.01	41.16 3.36 -0.01	38.46 3.11 -0.01	38.43 3.14 -0.01	38.49 3.24 -0.01	39.37 3.38 -0.01	39.79 3.29 -0.01	44.11 4.08 -0.01	49.04 4.82 -0.01	53.96 4.83 -3.10	55.80 5.20 -2.90	58.08 5.58 -1.74	60.91 5.43 -1.72	76.36 5.87 -15.70	81.41 6.15 -17.81	103.73 7.39 -30.94	239.20 8.54 -152.99	247.32 9.01 -151.69	92.82 7.78 -4.01	85.57 6.60 -1.33	74.27 4.64 -1.50	60.41 3.46 -2.11	53.87 4.17 -0.01
CANDIGU_WT_PWR 323617	48.36 0.15 0.00	41.97 -0.29 0.00	37.41 -0.38 0.00	34.92 -0.42 0.00	34.68 -0.60 0.00	34.65 -0.60 0.00	35.44 -0.54 0.00	36.28 -0.22 0.00	39.46 -0.56 0.00	43.41 -0.79 0.00	44.64 -1.38 0.00	46.13 -1.57 0.00	48.67 -2.08 0.00	51.67 -2.10 0.00	52.55 -2.25 0.00	55.43 -2.01 0.00	63.57 -1.83 0.00	74.95 -2.72 0.00	84.80 -1.82 0.00	79.90 -1.13 0.00	76.40 -1.25 0.00	65.41 -2.73 0.00	54.18 -0.66 0.00	49.34 -0.35 0.00
CARR STREET_E_SYR 24060	47.68 -0.53 0.00	41.68 -0.59 0.00	37.23 -0.57 0.00	34.78 -0.57 0.00	34.65 -0.63 0.00	34.61 -0.63 0.00	35.37 -0.61 0.00	35.95 -0.55 0.00	39.46 -0.56 0.00	43.59 -0.62 0.00	45.38 -0.64 0.00	47.04 -0.67 0.00	49.99 -0.76 0.00	53.06 -0.70 0.00	54.03 -0.77 0.00	56.70 -0.75 0.00	64.68 -0.72 0.00	76.58 -1.09 0.00	85.67 -0.95 0.00	80.14 -0.89 0.00	76.63 -1.01 0.00	66.78 -1.36 0.00	54.12 -0.71 0.00	49.09 -0.59 0.00
CARTHAGE___PAPER 23857	50.00 1.78 0.00	43.62 1.35 0.00	39.00 1.21 0.00	36.26 0.92 0.00	36.30 1.02 0.00	36.48 1.23 0.00	37.13 1.15 0.00	37.45 0.95 0.00	40.90 0.88 0.00	45.05 0.84 0.00	46.81 0.78 0.00	48.13 0.43 0.00	51.16 0.40 0.00	54.19 0.43 0.00	54.85 0.05 0.00	57.50 0.06 0.00	65.59 0.20 0.00	78.67 1.01 0.00	89.40 2.77 0.00	84.59 3.56 0.00	81.37 3.73 0.00	71.48 3.34 0.00	57.03 2.20 0.00	51.52 1.84 0.00
CASSADAGA_WT_PWR 323784	48.41 0.19 0.00	42.01 -0.25 0.00	37.38 -0.41 0.00	34.81 -0.53 0.00	34.75 -0.53 0.00	34.68 -0.57 0.00	35.48 -0.50 0.00	36.76 0.26 0.00	39.62 -0.40 0.00	43.72 -0.49 0.00	44.83 -1.20 0.00	46.46 -1.24 0.00	49.08 -1.67 0.00	52.26 -1.51 0.00	53.15 -1.64 0.00	56.47 -0.98 0.00	64.68 -0.72 0.00	75.88 -1.78 0.00	86.19 -0.43 0.00	80.87 -0.16 0.00	76.56 -1.09 0.00	65.14 -3.00 0.00	54.46 -0.38 0.00	49.49 -0.20 0.00
CE_DUNWOOD___DRP 24194	50.91 2.70 0.00	44.85 2.58 0.00	40.02 2.23 0.00	37.50 2.16 0.00	37.47 2.19 0.00	37.47 2.22 0.00	38.25 2.27 0.00	38.80 2.30 0.00	42.86 2.84 0.00	47.57 3.36 0.00	49.61 3.59 0.00	51.52 3.82 0.00	54.86 4.11 0.00	57.96 4.19 0.00	59.29 4.49 0.00	62.21 4.77 0.00	71.02 5.62 0.00	84.19 6.52 0.00	93.38 6.76 0.00	86.46 5.43 0.00	82.38 4.74 0.00	71.34 3.20 0.00	57.91 3.07 0.00	52.86 3.18 0.00
CE_MILLWOOD___DRP 24193	50.77 2.56 0.00	44.76 2.49 0.00	39.91 2.12 0.00	37.43 2.09 0.00	37.40 2.12 0.00	37.40 2.15 0.00	38.14 2.16 0.00	38.73 2.23 0.00	42.74 2.72 0.00	47.39 3.18 0.00	49.43 3.41 0.00	51.33 3.63 0.00	54.71 3.96 0.00	57.74 3.98 0.00	59.13 4.33 0.00	61.98 4.54 0.00	70.76 5.36 0.00	83.88 6.21 0.00	93.04 6.41 0.00	86.22 5.19 0.00	82.15 4.50 0.00	71.21 3.07 0.00	57.75 2.91 0.00	52.71 3.03 0.00
CE_NYC2_DRP 24202	51.30 3.09 0.00	45.31 3.04 0.00	40.40 2.61 0.00	37.89 2.54 0.00	37.85 2.58 0.00	37.85 2.61 0.00	38.65 2.66 0.00	39.27 2.77 0.00	43.38 3.36 0.00	48.19 3.98 0.00	50.26 4.23 0.00	52.19 4.48 0.00	55.62 4.87 0.00	58.55 4.79 0.00	59.62 4.82 0.00	62.33 4.88 0.00	70.95 5.56 0.00	84.11 6.45 0.00	93.29 6.67 0.00	86.38 5.35 0.00	82.30 4.66 0.00	63.50 3.00 7.64	58.18 3.35 0.00	53.36 3.68 0.00
CE_NYC_DRP 24195	51.25 3.04 0.00	45.18 2.92 0.00	40.29 2.49 0.00	37.75 2.40 0.00	37.75 2.47 0.00	37.75 2.50 0.00	38.54 2.55 0.00	39.16 2.66 0.00	43.26 3.24 0.00	48.10 3.89 0.00	50.17 4.14 0.00	52.09 4.39 0.00	55.52 4.77 0.00	58.55 4.79 0.00	59.89 5.10 0.00	62.79 5.34 0.00	71.61 6.21 0.00	84.81 7.15 0.00	94.08 7.45 0.00	87.11 6.08 0.00	83.00 5.36 0.00	71.68 3.54 0.00	58.35 3.51 0.00	53.26 3.58 0.00
CHAFFEE___LFGE 323603	48.12 -0.10 0.00	41.89 -0.38 0.00	37.26 -0.53 0.00	34.64 -0.71 0.00	34.36 -0.92 0.00	34.22 -1.02 0.00	35.12 -0.86 0.00	36.21 -0.29 0.00	39.14 -0.88 0.00	43.02 -1.19 0.00	44.09 -1.93 0.00	45.70 -2.00 0.00	48.22 -2.54 0.00	51.35 -2.42 0.00	52.28 -2.52 0.00	55.49 -1.95 0.00	63.50 -1.90 0.00	74.25 -3.42 0.00	84.03 -2.60 0.00	78.85 -2.18 0.00	74.85 -2.79 0.00	63.50 -4.64 0.00	53.58 -1.26 0.00	48.89 -0.80 0.00
CHATEAUG_35_KV_LOAD 355732	48.02 -0.19 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.24 -0.11 0.00	35.28 0.00 0.00	35.21 -0.04 0.00	35.91 -0.07 0.00	36.28 -0.22 0.00	39.50 -0.52 0.00	43.68 -0.53 0.00	45.61 -0.41 0.00	47.18 -0.52 0.00	49.99 -0.76 0.00	52.80 -0.97 0.00	53.65 -1.15 0.00	56.07 -1.38 0.00	63.50 -1.90 0.00	75.73 -1.94 0.00	84.55 -2.08 0.00	79.98 -1.05 0.00	77.10 -0.54 0.00	68.55 0.41 0.00	54.56 -0.27 0.00	49.29 -0.40 0.00
CHATEAUG_WT_PWR 323614	47.92 -0.29 0.00	42.01 -0.25 0.00	37.57 -0.23 0.00	35.20 -0.14 0.00	35.21 -0.07 0.00	35.17 -0.07 0.00	35.87 -0.11 0.00	36.28 -0.22 0.00	39.50 -0.52 0.00	43.72 -0.49 0.00	45.65 -0.37 0.00	47.23 -0.48 0.00	50.04 -0.71 0.00	52.85 -0.91 0.00	53.70 -1.10 0.00	56.13 -1.32 0.00	63.50 -1.90 0.00	75.65 -2.02 0.00	84.46 -2.16 0.00	79.73 -1.30 0.00	76.87 -0.78 0.00	68.28 0.14 0.00	54.40 -0.44 0.00	48.99 -0.70 0.00
CHAT_HIGH_FALL_HYD 323578	48.02 -0.19 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.24 -0.11 0.00	35.28 0.00 0.00	35.21 -0.04 0.00	35.91 -0.07 0.00	36.28 -0.22 0.00	39.50 -0.52 0.00	43.68 -0.53 0.00	45.61 -0.41 0.00	47.18 -0.52 0.00	49.99 -0.76 0.00	52.80 -0.97 0.00	53.65 -1.15 0.00	56.07 -1.38 0.00	63.50 -1.90 0.00	75.73 -1.94 0.00	84.55 -2.08 0.00	79.98 -1.05 0.00	77.10 -0.54 0.00	68.55 0.41 0.00	54.56 -0.27 0.00	49.29 -0.40 0.00
CHAUTAUQUA___LFGE 323629	48.31 0.10 0.00	42.01 -0.25 0.00	37.38 -0.41 0.00	34.81 -0.53 0.00	34.61 -0.67 0.00	34.47 -0.78 0.00	35.37 -0.61 0.00	36.50 0.00 0.00	39.46 -0.56 0.00	43.41 -0.79 0.00	44.51 -1.52 0.00	46.18 -1.53 0.00	48.72 -2.03 0.00	51.88 -1.88 0.00	52.77 -2.03 0.00	56.01 -1.43 0.00	64.15 -1.24 0.00	75.11 -2.56 0.00	85.15 -1.47 0.00	79.90 -1.13 0.00	75.86 -1.78 0.00	64.39 -3.75 0.00	54.12 -0.71 0.00	49.34 -0.35 0.00
CHERRYST_13_KV_LD 356241	51.39 3.18 0.00	45.31 3.04 0.00	40.40 2.61 0.00	37.85 2.51 0.00	37.85 2.58 0.00	37.85 2.61 0.00	38.68 2.70 0.00	39.27 2.77 0.00	43.42 3.40 0.00	48.28 4.07 0.00	50.35 4.33 0.00	52.28 4.58 0.00	55.73 4.97 0.00	58.77 5.00 0.00	60.11 5.32 0.00	63.07 5.63 0.00	71.94 6.54 0.00	85.20 7.53 0.00	94.51 7.88 0.00	87.51 6.48 0.00	83.31 5.67 0.00	71.96 3.82 0.00	58.57 3.73 0.00	53.46 3.78 0.00

CHESTROR_138KV_BK263 355645	50.29 2.07 0.00	44.25 1.99 0.00	39.49 1.70 0.00	37.04 1.70 0.00	36.97 1.69 0.00	36.97 1.73 0.00	37.67 1.69 0.00	38.22 1.72 0.00	42.10 2.08 0.00	46.68 2.48 0.00	48.69 2.67 0.00	50.52 2.81 0.00	53.80 3.05 0.00	56.88 3.12 0.00	58.14 3.34 0.00	61.01 3.56 0.00	69.58 4.19 0.00	82.56 4.89 0.00	91.82 5.20 0.00	85.24 4.21 0.00	81.30 3.65 0.00	70.59 2.45 0.00	57.25 2.41 0.00	52.17 2.48 0.00
CH_MIDHUDSON___DRP 24192	50.72 2.51 0.00	44.59 2.32 0.00	39.83 2.04 0.00	37.32 1.98 0.00	37.26 1.98 0.00	37.25 2.01 0.00	38.00 2.02 0.00	38.51 2.01 0.00	42.46 2.44 0.00	47.08 2.87 0.00	49.11 3.08 0.00	50.95 3.24 0.00	54.30 3.55 0.00	57.42 3.66 0.00	58.69 3.89 0.00	61.58 4.14 0.00	70.24 4.84 0.00	83.41 5.75 0.00	92.69 6.06 0.00	86.05 5.02 0.00	81.99 4.35 0.00	71.21 3.07 0.00	57.75 2.91 0.00	52.57 2.88 0.00
CH_MISC_IPPS 23765	51.06 2.84 0.00	44.80 2.54 0.00	40.02 2.23 0.00	37.54 2.19 0.00	37.47 2.19 0.00	37.47 2.22 0.00	38.18 2.20 0.00	38.65 2.15 0.00	42.66 2.64 0.00	47.30 3.09 0.00	49.43 3.41 0.00	51.23 3.53 0.00	54.66 3.91 0.00	57.80 4.03 0.00	59.07 4.28 0.00	61.93 4.48 0.00	70.76 5.36 0.00	84.04 6.37 0.00	93.47 6.84 0.00	86.78 5.75 0.00	82.69 5.04 0.00	71.82 3.68 0.00	58.02 3.18 0.00	52.91 3.23 0.00
CH_RES_BVR_FALLS 23983	47.92 -0.29 0.00	42.01 -0.25 0.00	37.57 -0.23 0.00	35.13 -0.21 0.00	35.10 -0.18 0.00	35.07 -0.18 0.00	35.80 -0.18 0.00	36.28 -0.22 0.00	39.70 -0.32 0.00	43.85 -0.36 0.00	45.70 -0.32 0.00	47.32 -0.38 0.00	50.34 -0.41 0.00	53.33 -0.43 0.00	54.30 -0.49 0.00	56.87 -0.57 0.00	64.68 -0.72 0.00	76.89 -0.78 0.00	85.84 -0.78 0.00	80.47 -0.56 0.00	77.26 -0.39 0.00	68.00 -0.14 0.00	54.51 -0.33 0.00	49.28 -0.40 0.00
CH_RES_NIAGARA 23895	46.48 -1.74 0.00	40.32 -1.94 0.00	36.09 -1.70 0.00	33.58 -1.77 0.00	33.30 -1.98 0.00	33.10 -2.15 0.00	34.00 -1.98 0.00	35.04 -1.46 0.00	37.90 -2.12 0.00	41.38 -2.83 0.00	42.43 -3.59 0.00	43.98 -3.72 0.00	46.64 -4.11 0.00	49.46 -4.30 0.00	50.25 -4.55 0.00	53.14 -4.31 0.00	60.95 -4.45 0.00	70.91 -6.76 0.00	80.13 -6.50 0.00	75.36 -5.67 0.00	71.20 -6.44 0.00	60.51 -7.63 0.00	50.45 -4.39 0.00	46.70 -2.98 0.00
CH_RES_SYRACUSE 23985	48.26 0.05 0.00	42.14 -0.13 0.00	37.64 -0.15 0.00	35.17 -0.18 0.00	35.03 -0.25 0.00	35.00 -0.24 0.00	35.80 -0.18 0.00	36.35 -0.15 0.00	39.90 -0.12 0.00	44.12 -0.09 0.00	45.93 -0.09 0.00	47.61 -0.10 0.00	50.55 -0.20 0.00	53.66 -0.11 0.00	54.69 -0.11 0.00	57.33 -0.11 0.00	65.46 0.07 0.00	77.51 -0.16 0.00	86.63 0.00 0.00	81.11 0.08 0.00	77.57 -0.08 0.00	67.59 -0.55 0.00	54.78 -0.05 0.00	49.68 0.00 0.00
CLINTON_WT_PWR 323605	47.92 -0.29 0.00	42.01 -0.25 0.00	37.57 -0.23 0.00	35.20 -0.14 0.00	35.21 -0.07 0.00	35.17 -0.07 0.00	35.87 -0.11 0.00	36.28 -0.22 0.00	39.50 -0.52 0.00	43.72 -0.49 0.00	45.65 -0.37 0.00	47.23 -0.48 0.00	50.04 -0.71 0.00	52.85 -0.91 0.00	53.70 -1.10 0.00	56.13 -1.32 0.00	63.50 -1.90 0.00	75.65 -2.02 0.00	84.46 -2.16 0.00	79.73 -1.30 0.00	76.87 -0.78 0.00	68.28 0.14 0.00	54.40 -0.44 0.00	48.99 -0.70 0.00
CLINTON___LFGE 323618	48.55 0.34 0.00	42.52 0.26 0.00	38.02 0.23 0.00	35.59 0.25 0.00	35.63 0.35 0.00	35.56 0.32 0.00	36.31 0.32 0.00	36.72 0.22 0.00	39.90 -0.12 0.00	44.21 0.00 0.00	46.21 0.18 0.00	47.75 0.05 0.00	50.50 -0.25 0.00	53.33 -0.43 0.00	54.08 -0.71 0.00	56.52 -0.92 0.00	63.90 -1.50 0.00	76.19 -1.48 0.00	85.07 -1.56 0.00	80.79 -0.24 0.00	77.80 0.16 0.00	69.16 1.02 0.00	55.00 0.17 0.00	49.49 -0.20 0.00
COBBLENY_34_KV_TB1 80064	48.12 -0.10 0.00	41.72 -0.55 0.00	37.26 -0.53 0.00	34.64 -0.71 0.00	34.36 -0.92 0.00	34.22 -1.02 0.00	35.12 -0.86 0.00	36.21 -0.29 0.00	39.14 -0.88 0.00	42.93 -1.28 0.00	44.09 -1.93 0.00	45.70 -2.00 0.00	48.52 -2.23 0.00	51.40 -2.37 0.00	52.28 -2.52 0.00	55.32 -2.13 0.00	63.50 -1.90 0.00	74.25 -3.42 0.00	84.03 -2.60 0.00	78.84 -2.19 0.00	74.62 -3.03 0.00	63.44 -4.70 0.00	52.65 -2.19 0.00	48.49 -1.19 0.00
COFFEEN___115KV_TB3 355620	50.82 2.60 0.00	44.30 2.03 0.00	39.64 1.85 0.00	36.76 1.41 0.00	36.76 1.48 0.00	36.90 1.66 0.00	37.53 1.55 0.00	37.85 1.35 0.00	41.34 1.32 0.00	45.49 1.28 0.00	47.27 1.24 0.00	48.71 1.00 0.00	51.72 0.96 0.00	54.84 1.08 0.00	55.34 0.55 0.00	58.13 0.69 0.00	66.38 0.98 0.00	79.69 2.02 0.00	90.78 4.16 0.00	86.05 5.02 0.00	82.77 5.12 0.00	72.57 4.43 0.00	57.86 3.02 0.00	52.32 2.63 0.00
COLDSPRG_115KV_BK1 355956	48.74 0.53 0.00	42.18 -0.08 0.00	37.68 -0.11 0.00	35.03 -0.32 0.00	34.86 -0.42 0.00	34.75 -0.49 0.00	35.62 -0.36 0.00	36.79 0.29 0.00	39.78 -0.24 0.00	43.81 -0.40 0.00	45.10 -0.92 0.00	46.75 -0.95 0.00	49.64 -1.12 0.00	52.53 -1.24 0.00	53.43 -1.37 0.00	56.64 -0.80 0.00	65.00 -0.39 0.00	76.35 -1.32 0.00	86.54 -0.09 0.00	81.03 0.00 0.00	76.71 -0.93 0.00	65.28 -2.86 0.00	53.91 -0.93 0.00	49.34 -0.35 0.00
COLONIE_LFGE___ 323577	50.33 2.12 0.00	44.17 1.90 0.00	39.53 1.74 0.00	36.97 1.63 0.00	36.94 1.66 0.00	36.87 1.62 0.00	37.60 1.62 0.00	38.14 1.64 0.00	41.90 1.88 0.00	46.20 1.99 0.00	48.00 1.98 0.00	49.80 2.10 0.00	53.04 2.29 0.00	56.24 2.47 0.00	57.48 2.68 0.00	60.26 2.81 0.00	68.67 3.27 0.00	81.70 4.04 0.00	90.95 4.33 0.00	84.76 3.73 0.00	81.14 3.50 0.00	70.73 2.59 0.00	57.09 2.25 0.00	51.87 2.18 0.00
COOPERNY_115KV_TB1 80082	49.76 1.54 0.00	43.70 1.44 0.00	39.04 1.25 0.00	36.55 1.20 0.00	36.51 1.23 0.00	36.48 1.23 0.00	37.24 1.26 0.00	37.78 1.28 0.00	41.58 1.56 0.00	46.02 1.81 0.00	48.00 1.98 0.00	49.80 2.10 0.00	53.04 2.28 0.00	56.08 2.31 0.00	57.26 2.47 0.00	60.03 2.59 0.00	68.47 3.07 0.00	81.24 3.57 0.00	90.35 3.72 0.00	84.11 3.08 0.00	80.29 2.64 0.00	69.84 1.70 0.00	56.54 1.70 0.00	51.47 1.79 0.00
COPENHAGEN_WT_PWR 323753	50.19 1.98 0.00	43.79 1.52 0.00	39.15 1.36 0.00	36.37 1.03 0.00	36.37 1.09 0.00	36.48 1.23 0.00	37.13 1.15 0.00	37.49 0.99 0.00	40.98 0.96 0.00	45.14 0.93 0.00	46.90 0.87 0.00	48.32 0.62 0.00	51.36 0.61 0.00	54.46 0.70 0.00	55.07 0.28 0.00	57.79 0.35 0.00	65.92 0.52 0.00	78.99 1.32 0.00	89.66 3.03 0.00	84.84 3.81 0.00	81.53 3.88 0.00	71.48 3.34 0.00	57.20 2.36 0.00	51.72 2.04 0.00
CORNELL_____ 23752	49.37 1.16 0.00	43.03 0.76 0.00	38.47 0.68 0.00	35.91 0.57 0.00	35.74 0.46 0.00	35.74 0.49 0.00	36.56 0.58 0.00	37.12 0.62 0.00	40.66 0.64 0.00	44.83 0.62 0.00	46.58 0.55 0.00	48.23 0.52 0.00	51.21 0.46 0.00	54.30 0.54 0.00	55.24 0.44 0.00	58.02 0.57 0.00	66.38 0.98 0.00	78.83 1.17 0.00	88.62 1.99 0.00	83.06 2.03 0.00	79.43 1.79 0.00	69.03 0.89 0.00	55.88 1.04 0.00	50.73 1.04 0.00

CORONA V_69_KV_TB1 355595	51.88 3.66 0.00	46.03 3.76 0.00	41.08 3.29 0.00	38.45 3.11 0.00	38.42 3.14 0.00	38.42 3.17 0.00	39.22 3.24 0.00	39.82 3.32 0.00	43.94 3.92 0.00	48.76 4.55 0.00	53.82 4.69 -3.10	99.02 5.01 -46.31	86.82 5.43 -30.64	90.37 5.65 -30.96	103.90 5.97 -43.13	108.11 6.20 -44.46	141.99 7.26 -69.33	135.59 8.39 -49.54	127.56 8.92 -32.01	125.14 7.54 -36.57	114.94 6.76 -30.53	103.62 4.91 -30.58	94.07 4.55 -34.68	54.20 4.52 0.00
CORTLAND_115KV_TB3 80093	48.94 0.72 0.00	42.69 0.42 0.00	38.17 0.38 0.00	35.63 0.28 0.00	35.49 0.21 0.00	35.49 0.25 0.00	36.27 0.29 0.00	36.83 0.33 0.00	40.38 0.36 0.00	44.56 0.35 0.00	46.30 0.28 0.00	47.99 0.29 0.00	51.01 0.25 0.00	54.09 0.32 0.00	55.07 0.27 0.00	57.79 0.34 0.00	66.05 0.65 0.00	78.29 0.62 0.00	87.84 1.21 0.00	82.25 1.22 0.00	78.58 0.93 0.00	68.41 0.27 0.00	55.39 0.55 0.00	50.28 0.60 0.00
COXSACKIE__GT 23611	51.54 3.32 0.00	45.01 2.75 0.00	40.32 2.53 0.00	37.75 2.40 0.00	37.71 2.43 0.00	37.57 2.33 0.00	38.14 2.16 0.00	38.47 1.97 0.00	42.18 2.16 0.00	46.33 2.12 0.00	48.14 2.12 0.00	49.66 1.96 0.00	52.88 2.13 0.00	56.24 2.47 0.00	57.54 2.74 0.00	60.49 3.04 0.00	69.25 3.86 0.00	82.87 5.20 0.00	93.21 6.58 0.00	87.27 6.24 0.00	83.54 5.90 0.00	72.84 4.70 0.00	58.79 3.95 0.00	53.11 3.43 0.00
CPV_VALLEY__CC1 323721	49.90 1.69 0.00	43.87 1.61 0.00	39.19 1.40 0.00	36.76 1.42 0.00	36.69 1.41 0.00	36.69 1.45 0.00	37.42 1.44 0.00	37.96 1.46 0.00	41.78 1.76 0.00	46.29 2.08 0.00	48.28 2.25 0.00	50.14 2.43 0.00	53.44 2.69 0.00	56.45 2.69 0.00	57.64 2.85 0.00	60.49 3.04 0.00	68.99 3.59 0.00	81.86 4.19 0.00	90.95 4.33 0.00	84.51 3.48 0.00	80.60 2.95 0.00	70.05 1.91 0.00	56.59 1.75 0.00	51.72 2.04 0.00
CPV_VALLEY__CC2 323722	49.90 1.69 0.00	43.87 1.61 0.00	39.19 1.40 0.00	36.76 1.42 0.00	36.69 1.41 0.00	36.69 1.45 0.00	37.42 1.44 0.00	37.96 1.46 0.00	41.78 1.76 0.00	46.29 2.08 0.00	48.28 2.25 0.00	50.14 2.43 0.00	53.44 2.69 0.00	56.45 2.69 0.00	57.64 2.85 0.00	60.49 3.04 0.00	68.99 3.59 0.00	81.86 4.19 0.00	90.95 4.33 0.00	84.51 3.48 0.00	80.60 2.95 0.00	70.05 1.91 0.00	56.59 1.75 0.00	51.72 2.04 0.00
CRESCENT__HYD 24018	50.33 2.12 0.00	44.17 1.90 0.00	39.53 1.74 0.00	36.97 1.63 0.00	36.94 1.66 0.00	36.87 1.62 0.00	37.60 1.62 0.00	38.14 1.64 0.00	41.90 1.88 0.00	46.20 1.99 0.00	48.00 1.98 0.00	49.80 2.10 0.00	53.04 2.29 0.00	56.24 2.47 0.00	57.48 2.68 0.00	60.26 2.81 0.00	68.67 3.27 0.00	81.70 4.04 0.00	90.95 4.33 0.00	84.76 3.73 0.00	81.14 3.50 0.00	70.73 2.59 0.00	57.09 2.25 0.00	51.87 2.18 0.00
CRICKET__VALLEY_CC1 323756	50.24 2.02 0.00	44.17 1.90 0.00	39.49 1.70 0.00	37.01 1.66 0.00	36.94 1.66 0.00	36.94 1.69 0.00	37.67 1.69 0.00	38.22 1.72 0.00	42.10 2.08 0.00	46.55 2.34 0.00	48.51 2.48 0.00	50.33 2.62 0.00	53.69 2.94 0.00	56.72 2.96 0.00	58.03 3.23 0.00	60.83 3.39 0.00	69.39 3.99 0.00	82.41 4.74 0.00	91.39 4.76 0.00	84.84 3.81 0.00	80.91 3.26 0.00	70.39 2.25 0.00	56.87 2.03 0.00	51.92 2.24 0.00
CRICKET__VALLEY_CC2 323757	50.24 2.02 0.00	44.17 1.90 0.00	39.49 1.70 0.00	37.01 1.66 0.00	36.94 1.66 0.00	36.94 1.69 0.00	37.67 1.69 0.00	38.22 1.72 0.00	42.10 2.08 0.00	46.55 2.34 0.00	48.51 2.48 0.00	50.33 2.62 0.00	53.69 2.94 0.00	56.72 2.96 0.00	58.03 3.23 0.00	60.83 3.39 0.00	69.39 3.99 0.00	82.41 4.74 0.00	91.39 4.76 0.00	84.84 3.81 0.00	80.91 3.26 0.00	70.39 2.25 0.00	56.87 2.03 0.00	51.92 2.24 0.00
CRICKET__VALLEY_CC3 323758	50.24 2.02 0.00	44.17 1.90 0.00	39.49 1.70 0.00	37.01 1.66 0.00	36.94 1.66 0.00	36.94 1.69 0.00	37.67 1.69 0.00	38.22 1.72 0.00	42.10 2.08 0.00	46.55 2.34 0.00	48.51 2.48 0.00	50.33 2.62 0.00	53.69 2.94 0.00	56.72 2.96 0.00	58.03 3.23 0.00	60.83 3.39 0.00	69.39 3.99 0.00	82.41 4.74 0.00	91.39 4.76 0.00	84.84 3.81 0.00	80.91 3.26 0.00	70.39 2.25 0.00	56.87 2.03 0.00	51.92 2.24 0.00
CRUCIBLE_METL_DRP 24180	48.26 0.05 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.17 -0.18 0.00	35.03 -0.25 0.00	35.00 -0.25 0.00	35.80 -0.18 0.00	36.35 -0.15 0.00	39.90 -0.12 0.00	44.12 -0.09 0.00	45.93 -0.09 0.00	47.61 -0.10 0.00	50.60 -0.15 0.00	53.66 -0.11 0.00	54.63 -0.16 0.00	57.33 -0.11 0.00	65.46 0.07 0.00	77.51 -0.16 0.00	86.63 0.00 0.00	81.11 0.08 0.00	77.49 -0.16 0.00	67.53 -0.61 0.00	54.67 -0.16 0.00	49.58 -0.10 0.00
DAHOWA__HYDRO 323763	50.81 2.60 0.00	44.55 2.28 0.00	39.83 2.04 0.00	37.25 1.91 0.00	37.22 1.94 0.00	37.11 1.87 0.00	37.85 1.87 0.00	38.43 1.93 0.00	42.14 2.12 0.00	46.46 2.25 0.00	48.05 2.02 0.00	49.85 2.15 0.00	53.04 2.29 0.00	56.35 2.58 0.00	57.48 2.68 0.00	60.26 2.81 0.00	68.73 3.33 0.00	82.01 4.35 0.00	91.91 5.28 0.00	85.73 4.70 0.00	82.46 4.82 0.00	71.68 3.54 0.00	57.85 3.01 0.00	52.46 2.78 0.00
DANC__LFGE 323619	49.18 0.96 0.00	42.90 0.63 0.00	38.36 0.57 0.00	35.70 0.35 0.00	35.67 0.39 0.00	35.70 0.46 0.00	36.34 0.36 0.00	36.79 0.29 0.00	40.26 0.24 0.00	44.43 0.22 0.00	46.21 0.18 0.00	47.75 0.05 0.00	50.70 -0.05 0.00	53.76 0.00 0.00	54.52 -0.27 0.00	57.16 -0.29 0.00	65.20 -0.20 0.00	77.82 0.16 0.00	87.93 1.30 0.00	82.90 1.87 0.00	79.51 1.86 0.00	69.64 1.50 0.00	55.99 1.15 0.00	50.63 0.94 0.00
DANSKAMMER__1 23586	51.06 2.84 0.00	44.80 2.54 0.00	40.02 2.23 0.00	37.54 2.19 0.00	37.47 2.19 0.00	37.47 2.22 0.00	38.18 2.20 0.00	38.65 2.15 0.00	42.66 2.64 0.00	47.30 3.09 0.00	49.43 3.41 0.00	51.23 3.53 0.00	54.66 3.91 0.00	57.80 4.03 0.00	59.07 4.28 0.00	61.93 4.48 0.00	70.76 5.36 0.00	84.04 6.37 0.00	93.47 6.84 0.00	86.78 5.75 0.00	82.69 5.04 0.00	71.82 3.68 0.00	58.02 3.18 0.00	52.91 3.23 0.00
DANSKAMMER__2 23589	51.06 2.84 0.00	44.80 2.54 0.00	40.02 2.23 0.00	37.54 2.19 0.00	37.47 2.19 0.00	37.47 2.22 0.00	38.18 2.20 0.00	38.65 2.15 0.00	42.66 2.64 0.00	47.30 3.09 0.00	49.43 3.41 0.00	51.23 3.53 0.00	54.66 3.91 0.00	57.80 4.03 0.00	59.07 4.28 0.00	61.93 4.48 0.00	70.76 5.36 0.00	84.04 6.37 0.00	93.47 6.84 0.00	86.78 5.75 0.00	82.69 5.04 0.00	71.82 3.68 0.00	58.02 3.18 0.00	52.91 3.23 0.00
DANSKAMMER__3 23590	51.06 2.84 0.00	44.80 2.54 0.00	40.02 2.23 0.00	37.54 2.19 0.00	37.47 2.19 0.00	37.47 2.22 0.00	38.18 2.20 0.00	38.65 2.15 0.00	42.66 2.64 0.00	47.30 3.09 0.00	49.43 3.41 0.00	51.23 3.53 0.00	54.66 3.91 0.00	57.80 4.03 0.00	59.07 4.28 0.00	61.93 4.48 0.00	70.76 5.36 0.00	84.04 6.37 0.00	93.47 6.84 0.00	86.78 5.75 0.00	82.69 5.04 0.00	71.82 3.68 0.00	58.02 3.18 0.00	52.91 3.23 0.00

DANSKAMMER___4 23591	51.06 2.84 0.00	44.80 2.54 0.00	40.02 2.23 0.00	37.54 2.19 0.00	37.47 2.19 0.00	37.47 2.22 0.00	38.18 2.20 0.00	38.65 2.15 0.00	42.66 2.64 0.00	47.30 3.09 0.00	49.43 3.41 0.00	51.23 3.53 0.00	54.66 3.91 0.00	57.80 4.03 0.00	59.07 4.28 0.00	61.93 4.48 0.00	70.76 5.36 0.00	84.04 6.37 0.00	93.47 6.84 0.00	86.78 5.75 0.00	82.69 5.04 0.00	71.82 3.68 0.00	58.02 3.18 0.00	52.91 3.23 0.00
DANSKAMMER___DIESEL 23592	51.06 2.84 0.00	44.85 2.58 0.00	40.02 2.23 0.00	37.54 2.19 0.00	37.47 2.19 0.00	37.47 2.22 0.00	38.18 2.19 0.00	38.65 2.15 0.00	42.66 2.64 0.00	47.35 3.14 0.00	49.43 3.41 0.00	51.23 3.53 0.00	54.61 3.86 0.00	57.80 4.03 0.00	59.07 4.27 0.00	61.98 4.54 0.00	70.76 5.36 0.00	84.04 6.37 0.00	93.47 6.84 0.00	86.78 5.75 0.00	82.69 5.05 0.00	71.75 3.61 0.00	58.18 3.35 0.00	52.96 3.28 0.00
DARBY___SOLAR 323810	50.67 2.46 0.00	44.46 2.20 0.00	39.75 1.96 0.00	37.18 1.84 0.00	37.15 1.87 0.00	37.04 1.80 0.00	37.78 1.80 0.00	38.36 1.86 0.00	42.06 2.04 0.00	46.37 2.17 0.00	48.00 1.98 0.00	49.80 2.10 0.00	52.98 2.23 0.00	56.24 2.47 0.00	57.37 2.58 0.00	60.15 2.70 0.00	68.60 3.20 0.00	81.86 4.19 0.00	91.65 5.02 0.00	85.57 4.53 0.00	82.15 4.50 0.00	71.48 3.34 0.00	57.69 2.85 0.00	52.36 2.68 0.00
DASHVILLE___HYD 23610	50.53 2.31 0.00	44.38 2.11 0.00	39.60 1.81 0.00	37.11 1.77 0.00	37.08 1.80 0.00	37.04 1.80 0.00	37.71 1.73 0.00	38.14 1.64 0.00	42.06 2.04 0.00	46.64 2.43 0.00	48.69 2.67 0.00	50.47 2.77 0.00	53.80 3.05 0.00	56.88 3.12 0.00	58.19 3.40 0.00	61.06 3.62 0.00	69.71 4.32 0.00	82.72 5.05 0.00	92.08 5.46 0.00	85.57 4.54 0.00	81.61 3.96 0.00	70.93 2.79 0.00	57.53 2.69 0.00	52.32 2.63 0.00
DELAWARE___LFGE 323621	49.80 1.59 0.00	43.62 1.35 0.00	39.00 1.21 0.00	36.44 1.10 0.00	36.37 1.09 0.00	36.37 1.13 0.00	37.10 1.12 0.00	37.67 1.17 0.00	41.42 1.40 0.00	45.80 1.59 0.00	47.63 1.61 0.00	49.42 1.72 0.00	52.58 1.83 0.00	55.70 1.94 0.00	56.66 1.86 0.00	59.46 2.01 0.00	67.69 2.29 0.00	80.31 2.64 0.00	89.74 3.12 0.00	83.79 2.76 0.00	80.13 2.48 0.00	69.91 1.77 0.00	56.48 1.65 0.00	51.37 1.69 0.00
DERFIELD_115KV_TB7 355931	48.50 0.29 0.00	42.52 0.25 0.00	38.02 0.23 0.00	35.56 0.21 0.00	35.49 0.21 0.00	35.46 0.21 0.00	36.20 0.22 0.00	36.72 0.22 0.00	40.30 0.28 0.00	44.47 0.27 0.00	46.30 0.28 0.00	47.99 0.29 0.00	51.06 0.30 0.00	54.14 0.38 0.00	55.18 0.38 0.00	57.85 0.40 0.00	65.85 0.46 0.00	78.21 0.54 0.00	87.23 0.61 0.00	81.60 0.57 0.00	78.11 0.47 0.00	68.34 0.20 0.00	55.11 0.27 0.00	49.98 0.30 0.00
DOGLEVILLE___HYD 23807	48.26 0.05 0.00	42.31 0.04 0.00	37.79 0.00 0.00	35.31 -0.04 0.00	35.24 -0.04 0.00	35.21 -0.04 0.00	35.95 -0.04 0.00	36.46 -0.04 0.00	40.06 0.04 0.00	44.25 0.04 0.00	46.02 0.00 0.00	47.66 -0.05 0.00	50.65 -0.10 0.00	53.60 -0.16 0.00	54.47 -0.33 0.00	57.10 -0.34 0.00	64.87 -0.52 0.00	77.20 -0.47 0.00	86.37 -0.26 0.00	80.87 -0.16 0.00	77.49 -0.16 0.00	68.07 -0.07 0.00	54.78 -0.05 0.00	49.73 0.05 0.00
DUNKIRK___115KV_TB_200 55889	48.26 0.05 0.00	41.80 -0.46 0.00	37.38 -0.42 0.00	34.78 -0.57 0.00	34.57 -0.71 0.00	34.43 -0.81 0.00	35.33 -0.65 0.00	36.46 -0.04 0.00	39.42 -0.60 0.00	43.28 -0.93 0.00	44.46 -1.56 0.00	46.13 -1.57 0.00	48.93 -1.83 0.00	51.83 -1.94 0.00	52.71 -2.08 0.00	55.84 -1.61 0.00	64.09 -1.31 0.00	75.03 -2.64 0.00	84.98 -1.65 0.00	79.73 -1.30 0.00	75.47 -2.17 0.00	64.26 -3.88 0.00	53.19 -1.65 0.00	48.84 -0.84 0.00
DUNKIRK___1 23563	48.26 0.05 0.00	41.80 -0.46 0.00	37.38 -0.42 0.00	34.78 -0.57 0.00	34.57 -0.71 0.00	34.43 -0.81 0.00	35.33 -0.65 0.00	36.46 -0.04 0.00	39.42 -0.60 0.00	43.28 -0.93 0.00	44.46 -1.56 0.00	46.13 -1.57 0.00	48.93 -1.83 0.00	51.83 -1.94 0.00	52.71 -2.08 0.00	55.84 -1.61 0.00	64.09 -1.31 0.00	75.03 -2.64 0.00	84.98 -1.65 0.00	79.73 -1.30 0.00	75.47 -2.17 0.00	64.26 -3.88 0.00	53.19 -1.65 0.00	48.84 -0.84 0.00
DUNKIRK___2 23564	48.26 0.05 0.00	41.80 -0.46 0.00	37.38 -0.42 0.00	34.78 -0.57 0.00	34.57 -0.71 0.00	34.43 -0.81 0.00	35.33 -0.65 0.00	36.46 -0.04 0.00	39.42 -0.60 0.00	43.28 -0.93 0.00	44.46 -1.56 0.00	46.13 -1.57 0.00	48.93 -1.83 0.00	51.83 -1.94 0.00	52.71 -2.08 0.00	55.84 -1.61 0.00	64.09 -1.31 0.00	75.03 -2.64 0.00	84.98 -1.65 0.00	79.73 -1.30 0.00	75.47 -2.17 0.00	64.26 -3.88 0.00	53.19 -1.65 0.00	48.84 -0.84 0.00
DUNKIRK___3 23565	48.12 -0.10 0.00	41.68 -0.59 0.00	37.26 -0.53 0.00	34.67 -0.67 0.00	34.43 -0.85 0.00	34.33 -0.92 0.00	35.19 -0.79 0.00	36.28 -0.22 0.00	39.26 -0.76 0.00	43.06 -1.15 0.00	44.28 -1.75 0.00	45.89 -1.81 0.00	48.67 -2.08 0.00	51.56 -2.20 0.00	52.44 -2.36 0.00	55.49 -1.95 0.00	63.70 -1.70 0.00	74.56 -3.11 0.00	84.46 -2.17 0.00	79.17 -1.86 0.00	75.01 -2.64 0.00	63.85 -4.29 0.00	52.86 -1.97 0.00	48.64 -1.04 0.00
DUNKIRK___4 23566	48.12 -0.10 0.00	41.68 -0.59 0.00	37.26 -0.53 0.00	34.67 -0.67 0.00	34.43 -0.85 0.00	34.33 -0.92 0.00	35.19 -0.79 0.00	36.28 -0.22 0.00	39.26 -0.76 0.00	43.06 -1.15 0.00	44.28 -1.75 0.00	45.89 -1.81 0.00	48.67 -2.08 0.00	51.56 -2.20 0.00	52.44 -2.36 0.00	55.49 -1.95 0.00	63.70 -1.70 0.00	74.56 -3.11 0.00	84.46 -2.17 0.00	79.17 -1.86 0.00	75.01 -2.64 0.00	63.85 -4.29 0.00	52.86 -1.97 0.00	48.64 -1.04 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.06 2.84 0.00	45.01 2.75 0.00	40.13 2.34 0.00	37.64 2.30 0.00	37.61 2.33 0.00	37.61 2.36 0.00	38.39 2.41 0.00	38.98 2.48 0.00	43.06 3.04 0.00	47.79 3.58 0.00	49.84 3.82 0.00	51.76 4.05 0.00	55.12 4.36 0.00	58.23 4.46 0.00	59.56 4.77 0.00	62.50 5.06 0.00	71.35 5.95 0.00	84.50 6.83 0.00	93.73 7.10 0.00	86.86 5.83 0.00	82.69 5.05 0.00	71.55 3.41 0.00	58.13 3.29 0.00	53.06 3.38 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.62 2.41 0.00	44.51 2.24 0.00	39.76 1.97 0.00	37.25 1.91 0.00	37.22 1.94 0.00	37.18 1.94 0.00	37.93 1.94 0.00	38.43 1.93 0.00	42.38 2.36 0.00	46.99 2.79 0.00	49.02 2.99 0.00	50.85 3.15 0.00	54.20 3.45 0.00	57.31 3.55 0.00	58.58 3.78 0.00	61.47 4.02 0.00	70.17 4.77 0.00	83.26 5.59 0.00	92.60 5.98 0.00	85.97 4.94 0.00	81.99 4.35 0.00	71.14 3.00 0.00	57.69 2.85 0.00	52.52 2.83 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.45 3.23 -0.01	45.35 3.09 0.00	40.47 2.68 0.00	37.92 2.58 0.00	37.89 2.61 0.00	37.92 2.68 0.00	38.68 2.70 0.00	39.31 2.81 0.00	43.38 3.36 0.00	48.14 3.93 0.00	50.30 4.28 0.00	52.19 4.48 0.00	55.62 4.87 0.00	58.61 4.84 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.28 6.60 -0.01	93.48 6.84 -0.01	86.56 5.51 -0.02	82.40 4.74 -0.02	71.21 3.07 -0.01	58.30 3.45 -0.01	53.47 3.78 -0.01

E179THST_13_KV_LOAD 356214	51.74 3.52 -0.01	45.61 3.34 0.00	40.70 2.91 0.00	38.14 2.79 0.00	38.07 2.79 0.00	38.10 2.85 0.00	38.90 2.91 0.00	39.49 2.99 0.00	43.62 3.60 0.00	48.41 4.20 0.00	50.58 4.56 0.00	52.52 4.82 0.00	55.98 5.23 0.00	59.04 5.27 -0.01	60.12 5.32 -0.01	62.85 5.40 -0.01	71.55 6.15 -0.01	84.82 7.15 -0.01	94.09 7.45 -0.01	87.12 6.08 -0.02	82.94 5.28 -0.02	71.69 3.54 -0.01	58.63 3.78 -0.01	53.77 4.07 -0.01
EAST HAMPTON___GT 23717	52.46 4.24 0.00	46.80 4.52 -0.01	41.80 4.00 -0.01	38.96 3.61 -0.01	38.99 3.70 -0.01	39.10 3.84 -0.01	39.66 3.67 -0.01	40.34 3.83 -0.01	45.15 5.12 -0.01	50.45 6.23 -0.01	55.66 6.53 -3.10	57.58 6.96 -2.91	59.91 7.41 -1.75	62.91 7.42 -1.73	78.69 7.89 -16.00	83.95 8.27 -18.23	106.57 9.81 -31.37	242.54 11.34 -153.53	250.89 12.04 -152.23	95.54 10.46 -4.05	87.60 8.62 -1.34	75.78 6.14 -1.50	61.35 4.39 -2.12	54.91 5.22 -0.01
EAST RIVER___6 23660	51.15 2.94 0.00	45.06 2.79 0.00	40.21 2.42 0.00	37.68 2.33 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	47.96 3.76 0.00	50.08 4.05 0.00	52.00 4.30 0.00	55.47 4.72 0.00	58.44 4.68 0.00	59.78 4.99 0.00	62.67 5.23 0.00	71.54 6.15 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.94 5.91 0.00	82.77 5.12 0.00	71.55 3.41 0.00	57.96 3.12 0.00	53.11 3.43 0.00
EAST RIVER___7 23524	51.15 2.94 0.00	45.06 2.79 0.00	40.21 2.42 0.00	37.68 2.33 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	47.96 3.76 0.00	50.08 4.05 0.00	52.00 4.30 0.00	55.47 4.72 0.00	58.44 4.68 0.00	59.78 4.99 0.00	62.67 5.23 0.00	71.54 6.15 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.94 5.91 0.00	82.77 5.12 0.00	71.55 3.41 0.00	57.96 3.12 0.00	53.11 3.43 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.91 2.70 0.00	44.85 2.58 0.00	40.02 2.23 0.00	37.50 2.16 0.00	37.47 2.19 0.00	37.47 2.22 0.00	38.25 2.27 0.00	38.80 2.30 0.00	42.86 2.84 0.00	47.57 3.36 0.00	49.61 3.59 0.00	51.52 3.82 0.00	54.86 4.11 0.00	57.96 4.19 0.00	59.29 4.49 0.00	62.21 4.77 0.00	71.02 5.62 0.00	84.19 6.52 0.00	93.38 6.76 0.00	86.46 5.43 0.00	82.38 4.74 0.00	71.34 3.20 0.00	57.91 3.07 0.00	52.86 3.18 0.00
EAST_HAMPTON___DIESEL 23722	52.36 4.15 0.00	46.71 4.44 -0.01	41.73 3.93 -0.01	38.92 3.57 -0.01	38.92 3.63 -0.01	39.03 3.77 -0.01	39.59 3.60 -0.01	40.27 3.76 -0.01	45.07 5.04 -0.01	50.36 6.14 -0.01	55.57 6.44 -3.10	57.48 6.87 -2.91	59.81 7.31 -1.75	62.80 7.31 -1.73	78.53 7.73 -16.00	83.83 8.15 -18.23	106.44 9.68 -31.36	242.39 11.19 -153.53	250.72 11.87 -152.23	95.37 10.29 -4.05	87.45 8.46 -1.34	75.64 6.00 -1.50	61.18 4.22 -2.12	54.86 5.17 -0.01
EAST_POINT___SOLAR 323840	52.50 4.29 0.00	45.94 3.68 0.00	41.00 3.21 0.00	38.31 2.97 0.00	38.28 3.00 0.00	38.17 2.92 0.00	38.57 2.59 0.00	38.58 2.08 0.00	42.14 2.12 0.00	46.46 2.25 0.00	48.19 2.16 0.00	49.90 2.20 0.00	52.93 2.18 0.00	56.24 2.47 0.00	56.99 2.19 0.00	59.63 2.18 0.00	68.08 2.68 0.00	82.01 4.35 0.00	92.78 6.15 0.00	88.48 7.45 0.00	85.87 8.23 0.00	74.48 6.34 0.00	60.10 5.27 0.00	54.45 4.77 0.00
EAST_PULASKI___ESR 323781	48.21 0.00 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.10 -0.25 0.00	35.03 -0.25 0.00	35.00 -0.24 0.00	35.69 -0.29 0.00	36.21 -0.29 0.00	39.66 -0.36 0.00	43.85 -0.36 0.00	45.61 -0.42 0.00	47.23 -0.48 0.00	50.19 -0.56 0.00	53.23 -0.54 0.00	54.14 -0.66 0.00	56.76 -0.69 0.00	64.68 -0.72 0.00	76.89 -0.78 0.00	86.37 -0.26 0.00	81.11 0.08 0.00	77.65 0.00 0.00	67.87 -0.27 0.00	54.84 0.00 0.00	49.68 0.00 0.00
EAST_RIVER___1 323558	51.25 3.04 0.00	45.14 2.88 0.00	40.28 2.49 0.00	37.75 2.40 0.00	37.75 2.47 0.00	37.75 2.50 0.00	38.54 2.56 0.00	39.16 2.66 0.00	43.26 3.24 0.00	48.05 3.84 0.00	50.17 4.14 0.00	52.05 4.34 0.00	55.58 4.82 0.00	58.55 4.78 0.00	59.89 5.10 0.00	62.73 5.28 0.00	71.61 6.22 0.00	84.81 7.14 0.00	94.08 7.45 0.00	87.19 6.16 0.00	83.00 5.35 0.00	71.68 3.54 0.00	58.07 3.23 0.00	53.21 3.53 0.00
EAST_RIVER___2 323559	51.15 2.94 0.00	45.06 2.79 0.00	40.21 2.42 0.00	37.68 2.33 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	47.96 3.76 0.00	50.08 4.05 0.00	52.00 4.30 0.00	55.47 4.72 0.00	58.44 4.68 0.00	59.78 4.99 0.00	62.67 5.23 0.00	71.54 6.15 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.94 5.91 0.00	82.77 5.12 0.00	71.55 3.41 0.00	57.96 3.12 0.00	53.11 3.43 0.00
EAST___DELAWARE_HYD 23607	50.57 2.36 0.00	44.34 2.07 0.00	39.60 1.81 0.00	37.08 1.73 0.00	37.01 1.73 0.00	37.01 1.76 0.00	37.67 1.69 0.00	38.18 1.68 0.00	42.10 2.08 0.00	46.68 2.47 0.00	48.69 2.67 0.00	50.52 2.81 0.00	53.90 3.15 0.00	56.99 3.23 0.00	58.14 3.34 0.00	61.01 3.56 0.00	69.78 4.38 0.00	82.95 5.28 0.00	92.60 5.97 0.00	86.14 5.11 0.00	82.07 4.42 0.00	71.34 3.20 0.00	57.58 2.74 0.00	52.41 2.73 0.00
EIGHT_POINT___WT_PWR 323820	48.65 0.43 0.00	42.18 -0.08 0.00	37.57 -0.23 0.00	35.03 -0.32 0.00	34.79 -0.49 0.00	34.75 -0.49 0.00	35.62 -0.36 0.00	36.43 -0.07 0.00	39.58 -0.44 0.00	43.55 -0.66 0.00	44.69 -1.34 0.00	46.18 -1.53 0.00	48.62 -2.13 0.00	51.61 -2.15 0.00	52.50 -2.30 0.00	55.43 -2.01 0.00	63.70 -1.70 0.00	75.18 -2.49 0.00	85.50 -1.13 0.00	80.71 -0.32 0.00	77.26 -0.39 0.00	66.03 -2.11 0.00	54.73 -0.11 0.00	49.73 0.05 0.00
ELBRIDGE_115KV_TB2 80188	48.07 -0.14 0.00	41.93 -0.34 0.00	37.53 -0.26 0.00	35.03 -0.32 0.00	34.89 -0.39 0.00	34.86 -0.39 0.00	35.66 -0.32 0.00	36.24 -0.26 0.00	39.74 -0.28 0.00	43.90 -0.31 0.00	45.70 -0.32 0.00	47.37 -0.33 0.00	50.30 -0.46 0.00	53.39 -0.38 0.00	54.36 -0.44 0.00	57.04 -0.40 0.00	65.14 -0.26 0.00	77.12 -0.54 0.00	86.28 -0.35 0.00	80.79 -0.24 0.00	77.18 -0.47 0.00	67.19 -0.95 0.00	54.40 -0.44 0.00	49.39 -0.30 0.00
ELEC_TRO_TEK 24086	51.49 3.28 0.00	45.65 3.38 0.00	40.74 2.95 0.00	38.17 2.83 0.00	38.14 2.86 0.00	38.14 2.89 0.00	38.93 2.95 0.00	39.53 3.03 0.00	43.62 3.60 0.00	48.41 4.20 0.00	53.41 4.28 -3.10	73.42 4.48 -21.23	69.55 4.87 -13.93	72.73 5.00 -13.97	79.54 5.32 -19.43	82.96 5.57 -19.94	101.98 6.54 -30.04	106.32 7.53 -21.12	107.98 7.97 -13.38	103.31 6.64 -15.64	96.59 5.90 -13.04	85.70 4.16 -13.40	75.16 4.00 -16.32	53.76 4.07 0.00
ELLENBURG_WT_PWR 323604	47.92 -0.29 0.00	42.01 -0.25 0.00	37.57 -0.23 0.00	35.20 -0.14 0.00	35.21 -0.07 0.00	35.17 -0.07 0.00	35.87 -0.11 0.00	36.28 -0.22 0.00	39.50 -0.52 0.00	43.72 -0.49 0.00	45.65 -0.37 0.00	47.23 -0.48 0.00	50.04 -0.71 0.00	52.85 -0.91 0.00	53.70 -1.10 0.00	56.13 -1.32 0.00	63.50 -1.90 0.00	75.65 -2.02 0.00	84.46 -2.16 0.00	79.73 -1.30 0.00	76.87 -0.78 0.00	68.28 0.14 0.00	54.40 -0.44 0.00	48.99 -0.70 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	47.78 -0.43 0.00	41.46 -0.80 0.00	37.04 -0.76 0.00	34.46 -0.88 0.00	34.19 -1.09 0.00	34.05 -1.20 0.00	34.94 -1.04 0.00	35.99 -0.51 0.00	38.94 -1.08 0.00	42.62 -1.59 0.00	43.72 -2.30 0.00	45.37 -2.34 0.00	48.06 -2.69 0.00	50.97 -2.80 0.00	51.78 -3.01 0.00	54.80 -2.64 0.00	62.91 -2.49 0.00	73.40 -4.27 0.00	83.07 -3.55 0.00	78.03 -3.00 0.00	73.76 -3.88 0.00	62.76 -5.38 0.00	52.15 -2.69 0.00	48.14 -1.54 0.00
EMPIRE_CC_1 323656	49.90 1.69 0.00	43.75 1.48 0.00	39.23 1.44 0.00	36.76 1.42 0.00	36.69 1.41 0.00	36.66 1.41 0.00	37.35 1.37 0.00	37.81 1.31 0.00	41.54 1.52 0.00	45.80 1.59 0.00	47.68 1.65 0.00	49.42 1.71 0.00	52.63 1.88 0.00	55.81 2.04 0.00	57.04 2.25 0.00	59.75 2.30 0.00	68.02 2.62 0.00	80.93 3.26 0.00	89.92 3.29 0.00	83.70 2.67 0.00	79.97 2.33 0.00	69.84 1.70 0.00	56.43 1.59 0.00	51.32 1.64 0.00
EMPIRE_CC_2 323658	49.90 1.69 0.00	43.75 1.48 0.00	39.23 1.44 0.00	36.76 1.42 0.00	36.69 1.41 0.00	36.66 1.41 0.00	37.35 1.37 0.00	37.81 1.31 0.00	41.54 1.52 0.00	45.80 1.59 0.00	47.68 1.65 0.00	49.42 1.71 0.00	52.63 1.88 0.00	55.81 2.04 0.00	57.04 2.25 0.00	59.75 2.30 0.00	68.02 2.62 0.00	80.93 3.26 0.00	89.92 3.29 0.00	83.70 2.67 0.00	79.97 2.33 0.00	69.84 1.70 0.00	56.43 1.59 0.00	51.32 1.64 0.00
ENORWICH_115KV_TB1 80156	51.73 3.52 0.00	45.10 2.83 0.00	40.36 2.57 0.00	37.50 2.16 0.00	37.43 2.15 0.00	37.47 2.22 0.00	38.32 2.34 0.00	38.87 2.37 0.00	42.54 2.52 0.00	46.77 2.56 0.00	48.51 2.49 0.00	50.19 2.48 0.00	53.29 2.54 0.00	56.56 2.80 0.00	56.99 2.19 0.00	59.92 2.47 0.00	68.60 3.20 0.00	82.02 4.35 0.00	93.30 6.67 0.00	87.84 6.81 0.00	83.86 6.21 0.00	72.98 4.84 0.00	58.73 3.89 0.00	53.31 3.63 0.00
ERIE_ST__34_KV_TB1-2 80199	48.02 -0.19 0.00	41.63 -0.63 0.00	37.15 -0.64 0.00	34.57 -0.78 0.00	34.29 -0.99 0.00	34.12 -1.13 0.00	35.05 -0.94 0.00	36.10 -0.40 0.00	39.06 -0.96 0.00	42.84 -1.37 0.00	44.05 -1.98 0.00	45.70 -2.00 0.00	48.52 -2.23 0.00	51.40 -2.37 0.00	52.28 -2.52 0.00	55.43 -2.01 0.00	63.63 -1.77 0.00	74.48 -3.18 0.00	84.20 -2.43 0.00	78.92 -2.11 0.00	74.70 -2.95 0.00	63.51 -4.63 0.00	52.70 -2.14 0.00	48.49 -1.19 0.00
ERIE_WT_PWR 323693	48.02 -0.19 0.00	41.84 -0.42 0.00	37.18 -0.61 0.00	34.60 -0.74 0.00	34.33 -0.95 0.00	34.15 -1.09 0.00	35.08 -0.90 0.00	36.17 -0.33 0.00	39.10 -0.92 0.00	42.93 -1.28 0.00	43.95 -2.07 0.00	45.61 -2.10 0.00	48.06 -2.69 0.00	51.24 -2.53 0.00	52.11 -2.68 0.00	55.26 -2.18 0.00	63.30 -2.10 0.00	73.94 -3.73 0.00	83.68 -2.95 0.00	78.52 -2.51 0.00	74.62 -3.03 0.00	63.23 -4.91 0.00	53.41 -1.43 0.00	48.79 -0.89 0.00
ESPRGFLD_115KV_TB1 80157	51.35 3.13 0.00	44.89 2.62 0.00	40.10 2.31 0.00	37.39 2.05 0.00	37.36 2.08 0.00	37.32 2.08 0.00	38.03 2.05 0.00	38.54 2.04 0.00	42.26 2.24 0.00	46.68 2.48 0.00	48.56 2.53 0.00	50.33 2.62 0.00	53.49 2.74 0.00	56.78 3.01 0.00	57.54 2.74 0.00	60.37 2.93 0.00	68.86 3.47 0.00	82.17 4.50 0.00	92.52 5.89 0.00	86.95 5.92 0.00	83.39 5.75 0.00	72.50 4.36 0.00	58.51 3.67 0.00	53.06 3.38 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	49.32 1.11 0.00	42.99 0.72 0.00	38.40 0.60 0.00	35.87 0.53 0.00	35.70 0.42 0.00	35.70 0.46 0.00	36.52 0.54 0.00	37.08 0.58 0.00	40.62 0.60 0.00	44.78 0.57 0.00	46.53 0.51 0.00	48.18 0.48 0.00	51.16 0.41 0.00	54.30 0.54 0.00	55.24 0.44 0.00	57.96 0.52 0.00	66.31 0.92 0.00	78.75 1.09 0.00	88.44 1.82 0.00	82.98 1.94 0.00	79.28 1.63 0.00	68.96 0.82 0.00	55.83 0.99 0.00	50.63 0.94 0.00
ETNA____115KV_TB2 80207	49.32 1.11 0.00	42.99 0.72 0.00	38.40 0.60 0.00	35.87 0.53 0.00	35.70 0.42 0.00	35.70 0.46 0.00	36.52 0.54 0.00	37.08 0.58 0.00	40.62 0.60 0.00	44.78 0.57 0.00	46.53 0.51 0.00	48.18 0.48 0.00	51.16 0.41 0.00	54.30 0.54 0.00	55.24 0.44 0.00	57.96 0.52 0.00	66.31 0.92 0.00	78.75 1.09 0.00	88.44 1.82 0.00	82.98 1.94 0.00	79.28 1.63 0.00	68.96 0.82 0.00	55.83 0.99 0.00	50.63 0.94 0.00
EUCLID___115KV_TB2 356179	47.68 -0.53 0.00	41.63 -0.63 0.00	37.22 -0.57 0.00	34.78 -0.57 0.00	34.64 -0.64 0.00	34.61 -0.63 0.00	35.37 -0.61 0.00	35.95 -0.55 0.00	39.42 -0.60 0.00	43.55 -0.66 0.00	45.33 -0.69 0.00	46.99 -0.72 0.00	49.94 -0.81 0.00	53.01 -0.75 0.00	53.97 -0.82 0.00	56.64 -0.80 0.00	64.61 -0.78 0.00	76.50 -1.17 0.00	85.50 -1.13 0.00	80.06 -0.97 0.00	76.48 -1.16 0.00	66.64 -1.50 0.00	53.96 -0.88 0.00	48.99 -0.70 0.00
E_CANADA_CAP_HY 24051	52.17 3.95 0.00	45.65 3.38 0.00	40.78 2.98 0.00	38.07 2.72 0.00	38.03 2.75 0.00	37.96 2.71 0.00	38.57 2.59 0.00	38.98 2.48 0.00	42.58 2.56 0.00	47.00 2.79 0.00	48.74 2.71 0.00	50.52 2.81 0.00	53.69 2.94 0.00	57.05 3.28 0.00	57.92 3.12 0.00	60.66 3.21 0.00	69.25 3.86 0.00	83.10 5.43 0.00	93.64 7.01 0.00	88.33 7.30 0.00	85.10 7.45 0.00	73.87 5.72 0.00	59.61 4.77 0.00	54.06 4.37 0.00
E_CANADA_MHWK_HY 24050	48.26 0.05 0.00	42.27 0.00 0.00	37.79 0.00 0.00	35.31 -0.04 0.00	35.24 -0.04 0.00	35.21 -0.04 0.00	35.95 -0.04 0.00	36.46 -0.04 0.00	40.06 0.04 0.00	44.25 0.04 0.00	46.02 0.00 0.00	47.66 -0.05 0.00	50.65 -0.10 0.00	53.60 -0.16 0.00	54.52 -0.27 0.00	57.10 -0.34 0.00	64.87 -0.53 0.00	77.20 -0.46 0.00	86.37 -0.26 0.00	80.87 -0.16 0.00	77.49 -0.15 0.00	68.07 -0.07 0.00	54.78 -0.05 0.00	49.73 0.05 0.00
E_FISHKILL___LBMP 23776	50.43 2.22 0.00	44.38 2.11 0.00	39.64 1.85 0.00	37.15 1.80 0.00	37.11 1.83 0.00	37.08 1.83 0.00	37.85 1.87 0.00	38.40 1.90 0.00	42.34 2.32 0.00	46.91 2.70 0.00	48.88 2.85 0.00	50.76 3.05 0.00	54.05 3.30 0.00	57.10 3.33 0.00	58.41 3.62 0.00	61.29 3.85 0.00	69.84 4.45 0.00	82.87 5.20 0.00	92.00 5.37 0.00	85.33 4.29 0.00	81.37 3.73 0.00	70.66 2.52 0.00	57.31 2.47 0.00	52.27 2.58 0.00
FALCON___SEABRD_CC1 323796	48.21 0.00 0.00	42.22 -0.04 0.00	37.75 -0.04 0.00	35.38 0.04 0.00	35.39 0.11 0.00	35.35 0.11 0.00	36.09 0.11 0.00	36.46 -0.04 0.00	39.66 -0.36 0.00	43.95 -0.26 0.00	45.89 -0.14 0.00	47.47 -0.24 0.00	50.04 -0.71 0.00	52.85 -0.91 0.00	53.64 -1.15 0.00	56.07 -1.38 0.00	63.37 -2.03 0.00	75.57 -2.09 0.00	84.29 -2.33 0.00	79.82 -1.21 0.00	76.95 -0.70 0.00	68.35 0.21 0.00	54.40 -0.44 0.00	48.99 -0.70 0.00
FALCON___SEABRD_CC2 323797	48.21 0.00 0.00	42.22 -0.04 0.00	37.75 -0.04 0.00	35.38 0.04 0.00	35.39 0.11 0.00	35.35 0.11 0.00	36.09 0.11 0.00	36.46 -0.04 0.00	39.66 -0.36 0.00	43.95 -0.26 0.00	45.89 -0.14 0.00	47.47 -0.24 0.00	50.04 -0.71 0.00	52.85 -0.91 0.00	53.64 -1.15 0.00	56.07 -1.38 0.00	63.37 -2.03 0.00	75.57 -2.09 0.00	84.29 -2.33 0.00	79.82 -1.21 0.00	76.95 -0.70 0.00	68.35 0.21 0.00	54.40 -0.44 0.00	48.99 -0.70 0.00

FAR ROCKAWAY___4 23548	52.41 4.19 0.00	46.49 4.23 0.00	41.46 3.67 0.00	38.84 3.50 0.00	38.81 3.53 0.00	38.80 3.56 0.00	39.58 3.60 0.00	40.19 3.69 0.00	44.38 4.36 0.00	49.29 5.08 0.00	54.42 5.29 -3.10	102.48 5.63 -49.15	89.43 6.14 -32.53	93.04 6.40 -32.88	107.40 6.79 -45.81	111.80 7.12 -47.23	147.43 8.31 -73.73	140.08 9.71 -52.70	131.10 10.40 -34.08	128.77 8.83 -38.91	118.05 7.92 -32.49	106.51 5.86 -32.51	96.93 5.32 -36.77	54.85 5.17 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.25 3.04 0.00	45.18 2.92 0.00	40.29 2.49 0.00	37.75 2.40 0.00	37.75 2.47 0.00	37.75 2.50 0.00	38.54 2.55 0.00	39.16 2.66 0.00	43.26 3.24 0.00	48.10 3.89 0.00	50.17 4.14 0.00	52.09 4.39 0.00	55.52 4.77 0.00	58.55 4.79 0.00	59.89 5.10 0.00	62.79 5.34 0.00	71.61 6.21 0.00	84.89 7.22 0.00	94.08 7.45 0.00	87.11 6.08 0.00	83.00 5.36 0.00	71.68 3.54 0.00	58.35 3.51 0.00	53.26 3.58 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.25 3.04 0.00	45.18 2.92 0.00	40.29 2.49 0.00	37.75 2.40 0.00	37.75 2.47 0.00	37.75 2.50 0.00	38.54 2.55 0.00	39.16 2.66 0.00	43.26 3.24 0.00	48.10 3.89 0.00	50.17 4.14 0.00	52.09 4.39 0.00	55.52 4.77 0.00	58.55 4.79 0.00	59.89 5.10 0.00	62.79 5.34 0.00	71.61 6.21 0.00	84.89 7.22 0.00	94.08 7.45 0.00	87.11 6.08 0.00	83.00 5.36 0.00	71.68 3.54 0.00	58.35 3.51 0.00	53.31 3.63 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.20 2.99 0.00	45.14 2.87 0.00	40.25 2.46 0.00	37.75 2.40 0.00	37.71 2.43 0.00	37.71 2.47 0.00	38.54 2.55 0.00	39.13 2.63 0.00	43.22 3.20 0.00	48.06 3.85 0.00	50.12 4.10 0.00	52.05 4.34 0.00	55.47 4.72 0.00	58.50 4.73 0.00	59.84 5.04 0.00	62.73 5.28 0.00	71.54 6.15 0.00	84.74 7.07 0.00	93.99 7.36 0.00	87.03 6.00 0.00	82.93 5.28 0.00	71.62 3.48 0.00	58.29 3.45 0.00	53.21 3.53 0.00
FARRAGUT___LBMP 323566	51.20 2.99 0.00	45.14 2.87 0.00	40.21 2.42 0.00	37.71 2.37 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	48.01 3.80 0.00	50.07 4.05 0.00	52.00 4.29 0.00	55.42 4.67 0.00	58.44 4.68 0.00	59.78 4.99 0.00	62.67 5.23 0.00	71.48 6.08 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.95 5.92 0.00	82.85 5.20 0.00	71.55 3.41 0.00	58.24 3.40 0.00	53.21 3.53 0.00
FENNER___WINDPWR 24204	49.32 1.11 0.00	43.07 0.80 0.00	38.51 0.72 0.00	35.91 0.56 0.00	35.84 0.56 0.00	35.84 0.60 0.00	36.59 0.61 0.00	37.12 0.62 0.00	40.70 0.68 0.00	44.91 0.71 0.00	46.72 0.69 0.00	48.37 0.67 0.00	51.46 0.71 0.00	54.62 0.86 0.00	55.51 0.71 0.00	58.25 0.80 0.00	66.44 1.04 0.00	78.99 1.32 0.00	88.70 2.08 0.00	83.13 2.10 0.00	79.51 1.86 0.00	69.43 1.29 0.00	56.04 1.20 0.00	50.78 1.09 0.00
FIBERTEK___ENERGY 23856	48.26 0.05 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.17 -0.18 0.00	35.03 -0.25 0.00	35.00 -0.25 0.00	35.80 -0.18 0.00	36.35 -0.15 0.00	39.90 -0.12 0.00	44.12 -0.09 0.00	45.93 -0.09 0.00	47.61 -0.10 0.00	50.60 -0.15 0.00	53.66 -0.11 0.00	54.63 -0.16 0.00	57.33 -0.11 0.00	65.46 0.07 0.00	77.51 -0.16 0.00	86.63 0.00 0.00	81.11 0.08 0.00	77.49 -0.16 0.00	67.53 -0.61 0.00	54.67 -0.16 0.00	49.58 -0.10 0.00
FITZPATRICK___ 23598	46.96 -1.25 0.00	41.08 -1.18 0.00	36.73 -1.06 0.00	34.32 -1.03 0.00	34.22 -1.06 0.00	34.19 -1.06 0.00	34.94 -1.04 0.00	35.48 -1.02 0.00	38.90 -1.12 0.00	42.93 -1.28 0.00	44.64 -1.38 0.00	46.27 -1.43 0.00	49.18 -1.57 0.00	52.20 -1.56 0.00	53.21 -1.59 0.00	55.78 -1.67 0.00	63.63 -1.76 0.00	75.41 -2.25 0.00	84.20 -2.42 0.00	78.85 -2.18 0.00	75.47 -2.17 0.00	65.82 -2.32 0.00	53.30 -1.54 0.00	48.34 -1.34 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.15 2.94 0.00	44.93 2.66 0.00	40.13 2.34 0.00	37.61 2.26 0.00	37.54 2.26 0.00	37.54 2.29 0.00	38.25 2.27 0.00	38.73 2.23 0.00	42.74 2.72 0.00	47.44 3.23 0.00	49.52 3.50 0.00	51.33 3.63 0.00	54.76 4.01 0.00	57.90 4.14 0.00	59.24 4.44 0.00	62.10 4.65 0.00	70.96 5.56 0.00	84.19 6.52 0.00	93.73 7.10 0.00	86.95 5.92 0.00	82.93 5.28 0.00	71.96 3.82 0.00	58.35 3.51 0.00	53.06 3.38 0.00
FORT ORANGE___ 23900	49.56 1.35 0.00	43.49 1.23 0.00	39.00 1.21 0.00	36.51 1.16 0.00	36.48 1.20 0.00	36.41 1.16 0.00	37.10 1.12 0.00	37.59 1.09 0.00	41.26 1.24 0.00	45.18 0.97 0.00	46.99 0.97 0.00	48.66 0.95 0.00	51.82 1.07 0.00	55.00 1.24 0.00	56.22 1.42 0.00	58.94 1.49 0.00	67.03 1.64 0.00	79.84 2.17 0.00	88.97 2.34 0.00	82.81 1.78 0.00	79.28 1.63 0.00	69.16 1.02 0.00	55.88 1.04 0.00	50.78 1.09 0.00
FORT_DRUM_COGEN 23780	50.38 2.17 0.00	43.92 1.65 0.00	39.30 1.51 0.00	36.51 1.17 0.00	36.51 1.23 0.00	36.66 1.41 0.00	37.31 1.33 0.00	37.63 1.13 0.00	41.10 1.08 0.00	45.27 1.06 0.00	47.04 1.01 0.00	48.47 0.76 0.00	51.46 0.71 0.00	54.57 0.81 0.00	55.13 0.33 0.00	57.85 0.40 0.00	65.99 0.59 0.00	79.22 1.55 0.00	90.09 3.47 0.00	85.24 4.21 0.00	81.99 4.35 0.00	71.89 3.75 0.00	57.36 2.52 0.00	51.92 2.24 0.00
FOX_HILLS___ESR 323835	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.03 2.78 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.54 3.52 0.00	48.41 4.20 0.00	50.44 4.42 0.00	52.43 4.72 0.00	55.78 5.02 0.00	58.77 5.00 -0.01	59.85 5.04 -0.01	62.57 5.11 -0.01	71.23 5.82 -0.01	84.44 6.76 -0.01	93.65 7.02 -0.01	86.70 5.67 0.00	82.62 4.97 0.00	71.34 3.20 0.01	58.46 3.62 0.00	53.56 3.88 0.00
FPL_FAR_ROCK_GT1 24212	52.40 4.19 0.00	46.46 4.19 -0.01	41.46 3.66 -0.01	38.85 3.50 -0.01	38.81 3.53 -0.01	38.81 3.56 -0.01	39.59 3.60 -0.01	40.19 3.68 -0.01	44.39 4.36 -0.01	49.26 5.04 -0.01	54.42 5.29 -3.10	102.48 5.63 -49.15	89.58 6.29 -32.53	93.09 6.45 -32.88	107.40 6.79 -45.81	111.79 7.12 -47.23	147.44 8.31 -73.73	140.08 9.71 -52.70	131.10 10.39 -34.08	128.85 8.91 -38.91	118.13 8.00 -32.49	106.57 5.93 -32.51	96.77 5.15 -36.77	54.81 5.12 -0.01
FPL_FAR_ROCK_GT2 23815	52.40 4.19 0.00	46.46 4.19 -0.01	41.46 3.66 -0.01	38.85 3.50 -0.01	38.81 3.53 -0.01	38.81 3.56 -0.01	39.59 3.60 -0.01	40.19 3.68 -0.01	44.39 4.36 -0.01	49.26 5.04 -0.01	54.42 5.29 -3.10	102.48 5.63 -49.15	89.58 6.29 -32.53	93.09 6.45 -32.88	107.40 6.79 -45.81	111.79 7.12 -47.23	147.44 8.31 -73.73	140.08 9.71 -52.70	131.10 10.39 -34.08	128.85 8.91 -38.91	118.13 8.00 -32.49	106.57 5.93 -32.51	96.77 5.15 -36.77	54.81 5.12 -0.01
FRANKLIN_FALL_HYD 24054	48.74 0.53 0.00	42.69 0.42 0.00	38.17 0.38 0.00	35.70 0.35 0.00	35.74 0.46 0.00	35.70 0.46 0.00	36.49 0.50 0.00	36.86 0.36 0.00	40.06 0.04 0.00	44.39 0.18 0.00	46.39 0.37 0.00	47.94 0.24 0.00	50.90 0.15 0.00	53.71 -0.05 0.00	54.52 -0.27 0.00	56.99 -0.46 0.00	64.35 -1.05 0.00	76.81 -0.85 0.00	85.85 -0.78 0.00	81.60 0.57 0.00	78.66 1.01 0.00	69.91 1.77 0.00	55.50 0.66 0.00	50.03 0.35 0.00

FREEMONT___GT1 23764	51.83 3.62 0.00	46.00 3.72 -0.01	41.09 3.29 -0.01	38.50 3.14 -0.01	38.46 3.18 -0.01	38.46 3.21 -0.01	39.26 3.27 -0.01	39.83 3.32 -0.01	43.99 3.96 -0.01	48.81 4.60 -0.01	53.87 4.74 -3.10	70.57 5.01 -17.86	67.87 5.53 -11.59	70.32 5.38 -11.18	75.94 5.75 -15.40	78.91 6.03 -15.43	89.94 7.13 -17.42	96.91 8.31 -10.93	101.53 8.75 -6.16	97.28 7.45 -8.80	91.48 6.52 -7.31	82.09 4.91 -9.04	73.50 4.22 -14.44	54.17 4.47 -0.01
FREEPORT___CT2 23818	51.83 3.62 0.00	46.00 3.72 -0.01	41.09 3.29 -0.01	38.50 3.14 -0.01	38.46 3.18 -0.01	38.46 3.21 -0.01	39.26 3.27 -0.01	39.83 3.32 -0.01	43.99 3.96 -0.01	48.81 4.60 -0.01	53.87 4.74 -3.10	70.57 5.01 -17.86	67.87 5.53 -11.59	70.32 5.38 -11.18	75.94 5.75 -15.40	78.91 6.03 -15.43	89.94 7.13 -17.42	96.91 8.31 -10.93	101.53 8.75 -6.16	97.28 7.45 -8.80	91.48 6.52 -7.31	82.09 4.91 -9.04	73.50 4.22 -14.44	54.17 4.47 -0.01
FRESHKLS_33_KV_LOAD 356253	51.79 3.57 -0.01	45.73 3.47 0.00	40.78 2.99 0.00	38.17 2.83 0.00	38.14 2.86 0.00	38.14 2.89 0.00	38.90 2.91 0.00	39.49 2.99 0.00	43.66 3.64 0.00	48.50 4.29 0.00	50.53 4.51 0.00	52.52 4.82 0.00	55.83 5.08 0.00	58.88 5.11 -0.01	59.96 5.15 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.67 6.99 -0.01	93.91 7.28 -0.01	86.95 5.92 0.00	82.77 5.12 0.00	71.47 3.34 0.01	58.57 3.73 0.00	53.66 3.97 0.00
FULTON COGEN____ 23766	47.68 -0.53 0.00	41.59 -0.68 0.00	37.22 -0.57 0.00	34.78 -0.57 0.00	34.64 -0.64 0.00	34.61 -0.63 0.00	35.37 -0.61 0.00	35.92 -0.58 0.00	39.42 -0.60 0.00	43.55 -0.66 0.00	45.29 -0.74 0.00	46.99 -0.72 0.00	49.94 -0.81 0.00	52.96 -0.81 0.00	53.92 -0.88 0.00	56.58 -0.86 0.00	64.55 -0.85 0.00	76.50 -1.17 0.00	85.50 -1.13 0.00	80.06 -0.97 0.00	76.56 -1.09 0.00	66.78 -1.36 0.00	54.02 -0.82 0.00	48.99 -0.70 0.00
FULTON___LFGE 323630	52.02 3.81 0.00	45.57 3.30 0.00	40.66 2.87 0.00	38.00 2.65 0.00	37.96 2.68 0.00	37.85 2.61 0.00	38.50 2.52 0.00	38.98 2.48 0.00	42.62 2.60 0.00	47.04 2.83 0.00	48.79 2.76 0.00	50.57 2.86 0.00	53.75 2.99 0.00	57.10 3.33 0.00	58.03 3.23 0.00	60.83 3.39 0.00	69.45 4.06 0.00	83.26 5.60 0.00	93.73 7.10 0.00	88.16 7.13 0.00	84.87 7.22 0.00	73.66 5.52 0.00	59.45 4.61 0.00	53.90 4.22 0.00
G.F.CEMENT___DRP 24184	50.86 2.65 0.00	44.59 2.32 0.00	39.87 2.08 0.00	37.29 1.94 0.00	37.26 1.98 0.00	37.11 1.87 0.00	37.85 1.87 0.00	38.47 1.97 0.00	42.22 2.20 0.00	46.60 2.39 0.00	48.10 2.07 0.00	49.90 2.19 0.00	53.09 2.33 0.00	56.40 2.63 0.00	57.48 2.69 0.00	60.26 2.81 0.00	68.73 3.34 0.00	82.09 4.43 0.00	92.34 5.72 0.00	86.22 5.19 0.00	82.93 5.28 0.00	71.89 3.75 0.00	58.07 3.24 0.00	52.62 2.93 0.00
GARDENVILLE___LBMP 24039	47.87 -0.34 0.00	41.55 -0.72 0.00	37.11 -0.68 0.00	34.53 -0.81 0.00	34.26 -1.02 0.00	34.08 -1.16 0.00	35.01 -0.97 0.00	36.06 -0.44 0.00	39.02 -1.00 0.00	42.71 -1.50 0.00	43.86 -2.16 0.00	45.46 -2.24 0.00	48.21 -2.54 0.00	51.08 -2.69 0.00	51.95 -2.85 0.00	54.98 -2.47 0.00	63.04 -2.35 0.00	73.71 -3.96 0.00	83.42 -3.21 0.00	78.28 -2.76 0.00	74.07 -3.57 0.00	63.03 -5.11 0.00	52.37 -2.47 0.00	48.29 -1.39 0.00
GARDNVLA_35_KV_LD 355827	48.12 -0.10 0.00	41.72 -0.55 0.00	37.26 -0.53 0.00	34.67 -0.67 0.00	34.36 -0.92 0.00	34.22 -1.02 0.00	35.12 -0.86 0.00	36.21 -0.29 0.00	39.18 -0.84 0.00	42.93 -1.28 0.00	44.05 -1.98 0.00	45.70 -2.00 0.00	48.47 -2.28 0.00	51.40 -2.37 0.00	52.22 -2.58 0.00	55.26 -2.18 0.00	63.43 -1.96 0.00	74.09 -3.57 0.00	83.85 -2.77 0.00	78.68 -2.35 0.00	74.46 -3.18 0.00	63.30 -4.84 0.00	52.59 -2.25 0.00	48.49 -1.19 0.00
GELCKHM___115KV_LOAD 80723	47.87 -0.34 0.00	41.80 -0.46 0.00	37.38 -0.42 0.00	34.92 -0.42 0.00	34.79 -0.49 0.00	34.75 -0.49 0.00	35.51 -0.47 0.00	36.10 -0.40 0.00	39.62 -0.40 0.00	43.77 -0.44 0.00	45.52 -0.51 0.00	47.23 -0.48 0.00	50.19 -0.56 0.00	53.28 -0.48 0.00	54.25 -0.55 0.00	56.87 -0.57 0.00	64.94 -0.46 0.00	76.89 -0.78 0.00	85.93 -0.69 0.00	80.46 -0.57 0.00	76.87 -0.78 0.00	66.98 -1.16 0.00	54.24 -0.60 0.00	49.24 -0.45 0.00
GENERAL___MILLS 23808	48.02 -0.19 0.00	41.63 -0.63 0.00	37.19 -0.60 0.00	34.60 -0.74 0.00	34.33 -0.95 0.00	34.15 -1.09 0.00	35.05 -0.94 0.00	36.13 -0.37 0.00	39.10 -0.92 0.00	42.79 -1.41 0.00	43.95 -2.07 0.00	45.56 -2.15 0.00	48.32 -2.44 0.00	51.24 -2.53 0.00	52.06 -2.74 0.00	55.09 -2.36 0.00	63.24 -2.16 0.00	73.86 -3.81 0.00	83.59 -3.03 0.00	78.52 -2.51 0.00	74.31 -3.34 0.00	63.17 -4.97 0.00	52.48 -2.36 0.00	48.39 -1.29 0.00
GE_PLASTICS___DRP 24183	49.32 1.11 0.00	43.32 1.06 0.00	38.81 1.02 0.00	36.33 0.99 0.00	36.27 0.99 0.00	36.23 0.99 0.00	36.92 0.94 0.00	37.45 0.95 0.00	41.14 1.12 0.00	45.40 1.19 0.00	47.17 1.15 0.00	48.90 1.19 0.00	52.12 1.37 0.00	55.22 1.45 0.00	56.39 1.59 0.00	59.11 1.67 0.00	67.29 1.90 0.00	80.00 2.33 0.00	88.96 2.34 0.00	82.89 1.86 0.00	79.28 1.63 0.00	69.23 1.09 0.00	55.99 1.15 0.00	50.88 1.19 0.00
GILBOA___1 23756	49.42 1.21 0.00	43.36 1.10 0.00	38.77 0.98 0.00	36.30 0.95 0.00	36.23 0.95 0.00	36.20 0.95 0.00	36.95 0.97 0.00	37.49 0.99 0.00	41.18 1.16 0.00	45.53 1.33 0.00	47.40 1.38 0.00	49.19 1.48 0.00	52.38 1.62 0.00	55.43 1.67 0.00	56.60 1.81 0.00	59.34 1.89 0.00	67.29 1.90 0.00	79.68 2.02 0.00	88.62 1.99 0.00	82.57 1.54 0.00	79.12 1.47 0.00	69.37 1.23 0.00	56.04 1.20 0.00	51.03 1.34 0.00
GILBOA___2 23757	49.42 1.21 0.00	43.36 1.10 0.00	38.77 0.98 0.00	36.30 0.95 0.00	36.23 0.95 0.00	36.20 0.95 0.00	36.95 0.97 0.00	37.49 0.99 0.00	41.18 1.16 0.00	45.53 1.33 0.00	47.40 1.38 0.00	49.19 1.48 0.00	52.38 1.62 0.00	55.43 1.67 0.00	56.60 1.81 0.00	59.34 1.89 0.00	67.29 1.90 0.00	79.68 2.02 0.00	88.62 1.99 0.00	82.57 1.54 0.00	79.12 1.47 0.00	69.37 1.23 0.00	56.04 1.20 0.00	51.03 1.34 0.00
GILBOA___3 23758	49.42 1.21 0.00	43.36 1.10 0.00	38.77 0.98 0.00	36.30 0.95 0.00	36.23 0.95 0.00	36.20 0.95 0.00	36.95 0.97 0.00	37.49 0.99 0.00	41.18 1.16 0.00	45.53 1.33 0.00	47.40 1.38 0.00	49.19 1.48 0.00	52.38 1.62 0.00	55.43 1.67 0.00	56.60 1.81 0.00	59.34 1.89 0.00	67.29 1.90 0.00	79.68 2.02 0.00	88.62 1.99 0.00	82.57 1.54 0.00	79.12 1.47 0.00	69.37 1.23 0.00	56.04 1.20 0.00	51.03 1.34 0.00
GILBOA___4 23759	49.42 1.21 0.00	43.36 1.10 0.00	38.77 0.98 0.00	36.30 0.95 0.00	36.23 0.95 0.00	36.20 0.95 0.00	36.95 0.97 0.00	37.49 0.99 0.00	41.18 1.16 0.00	45.53 1.33 0.00	47.40 1.38 0.00	49.19 1.48 0.00	52.38 1.62 0.00	55.43 1.67 0.00	56.60 1.81 0.00	59.34 1.89 0.00	67.29 1.90 0.00	79.68 2.02 0.00	88.62 1.99 0.00	82.57 1.54 0.00	79.12 1.47 0.00	69.37 1.23 0.00	56.04 1.20 0.00	51.03 1.34 0.00

GILBOA____ 23599	49.42 1.21 0.00	43.37 1.10 0.00	38.77 0.98 0.00	36.30 0.95 0.00	36.23 0.95 0.00	36.20 0.95 0.00	36.95 0.97 0.00	37.49 0.99 0.00	41.18 1.16 0.00	45.54 1.33 0.00	47.40 1.38 0.00	49.18 1.48 0.00	52.33 1.57 0.00	55.43 1.67 0.00	56.60 1.81 0.00	59.34 1.90 0.00	67.29 1.90 0.00	79.69 2.02 0.00	88.62 1.99 0.00	82.57 1.54 0.00	79.12 1.48 0.00	69.30 1.16 0.00	56.10 1.26 0.00	51.03 1.34 0.00
GINNA____ 23603	46.28 -1.93 0.00	40.15 -2.11 0.00	35.82 -1.97 0.00	33.33 -2.01 0.00	33.20 -2.08 0.00	33.13 -2.11 0.00	33.93 -2.05 0.00	34.71 -1.79 0.00	37.90 -2.12 0.00	41.91 -2.30 0.00	43.58 -2.44 0.00	45.17 -2.53 0.00	47.86 -2.89 0.00	50.81 -2.96 0.00	51.68 -3.12 0.00	54.34 -3.10 0.00	62.13 -3.27 0.00	73.01 -4.66 0.00	82.12 -4.51 0.00	77.30 -3.73 0.00	73.45 -4.19 0.00	63.37 -4.77 0.00	52.15 -2.69 0.00	47.40 -2.28 0.00
GLEN PARK____ 23778	50.72 2.51 0.00	44.21 1.95 0.00	39.57 1.78 0.00	36.69 1.34 0.00	36.73 1.45 0.00	36.83 1.59 0.00	37.49 1.51 0.00	37.78 1.28 0.00	41.30 1.28 0.00	45.49 1.28 0.00	47.22 1.19 0.00	48.66 0.95 0.00	51.67 0.91 0.00	54.78 1.02 0.00	55.34 0.55 0.00	58.08 0.63 0.00	66.24 0.85 0.00	79.53 1.86 0.00	90.61 3.99 0.00	85.89 4.86 0.00	82.62 4.97 0.00	72.44 4.30 0.00	57.80 2.96 0.00	52.27 2.58 0.00
GLENDALE_27_KV_LOAD 356172	51.59 3.37 0.00	45.56 3.30 0.00	40.59 2.80 0.00	38.03 2.69 0.00	38.03 2.75 0.00	38.03 2.78 0.00	38.83 2.84 0.00	39.46 2.96 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.92 5.16 0.00	60.00 5.21 0.00	62.79 5.34 0.00	71.48 6.08 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.95 5.92 0.00	82.85 5.20 0.00	63.98 3.48 7.63	58.57 3.73 0.00	53.66 3.97 0.00
GLENWOOD_IC_1_G5 23712	51.59 3.37 0.00	45.61 3.34 0.00	40.70 2.91 0.00	38.14 2.79 0.00	38.10 2.82 0.00	38.10 2.85 0.00	38.86 2.88 0.00	39.46 2.96 0.00	43.58 3.56 0.00	48.41 4.20 0.00	53.59 4.46 -3.10	64.60 4.72 -12.17	63.61 4.97 -7.88	66.46 4.89 -7.80	70.88 5.26 -10.83	74.04 5.57 -11.03	87.47 6.54 -15.53	95.76 7.53 -10.56	100.92 7.88 -6.42	95.47 6.56 -7.87	89.94 5.75 -6.55	79.18 3.95 -7.09	68.62 4.00 -9.78	53.76 4.07 0.00
GLENWOOD_IC_2_G1 23688	51.30 3.09 0.00	45.28 3.00 -0.01	40.44 2.64 -0.01	37.90 2.55 -0.01	37.86 2.57 -0.01	37.86 2.61 -0.01	38.65 2.66 -0.01	39.25 2.74 -0.01	43.31 3.28 -0.01	48.06 3.84 -0.01	53.22 4.09 -3.10	58.32 4.34 -6.28	59.51 4.77 -3.99	62.53 4.78 -3.98	65.44 5.10 -5.55	68.46 5.34 -5.68	80.02 6.28 -8.35	90.69 7.22 -5.80	97.88 7.62 -3.63	91.66 6.32 -4.31	86.74 5.51 -3.58	75.70 3.81 -3.75	63.01 3.40 -4.77	53.37 3.68 -0.01
GLENWOOD_IC_3_G1 23689	51.30 3.09 0.00	45.28 3.00 -0.01	40.44 2.64 -0.01	37.90 2.55 -0.01	37.86 2.57 -0.01	37.86 2.61 -0.01	38.65 2.66 -0.01	39.25 2.74 -0.01	43.31 3.28 -0.01	48.06 3.84 -0.01	53.22 4.09 -3.10	58.32 4.34 -6.28	59.51 4.77 -3.99	62.53 4.78 -3.98	65.44 5.10 -5.55	68.46 5.34 -5.68	80.02 6.28 -8.35	90.69 7.22 -5.80	97.88 7.62 -3.63	91.66 6.32 -4.31	86.74 5.51 -3.58	75.70 3.81 -3.75	63.01 3.40 -4.77	53.37 3.68 -0.01
GLENWOOD____4 23550	51.59 3.37 0.00	45.61 3.34 0.00	40.70 2.91 0.00	38.14 2.79 0.00	38.10 2.82 0.00	38.10 2.85 0.00	38.86 2.88 0.00	39.46 2.96 0.00	43.58 3.56 0.00	48.41 4.20 0.00	53.59 4.46 -3.10	64.60 4.72 -12.17	63.66 5.02 -7.88	66.62 5.05 -7.80	70.99 5.37 -10.83	74.22 5.74 -11.03	87.60 6.67 -15.53	95.91 7.69 -10.56	101.10 8.06 -6.42	95.63 6.73 -7.87	90.10 5.90 -6.55	79.39 4.16 -7.09	68.62 4.00 -9.78	53.76 4.07 0.00
GLENWOOD____5 23614	51.59 3.37 0.00	45.61 3.34 0.00	40.70 2.91 0.00	38.14 2.79 0.00	38.10 2.82 0.00	38.10 2.85 0.00	38.86 2.88 0.00	39.46 2.96 0.00	43.58 3.56 0.00	48.41 4.20 0.00	53.59 4.46 -3.10	64.60 4.72 -12.17	63.66 5.02 -7.88	66.62 5.05 -7.80	70.99 5.37 -10.83	74.22 5.74 -11.03	87.60 6.67 -15.53	95.91 7.69 -10.56	101.10 8.06 -6.42	95.63 6.73 -7.87	90.10 5.90 -6.55	79.39 4.16 -7.09	68.62 4.00 -9.78	53.76 4.07 0.00
GLOBAL GREEN_PORT_GT1 23814	52.70 4.48 0.00	47.01 4.73 -0.01	41.99 4.19 -0.01	39.14 3.78 -0.01	39.13 3.85 -0.01	39.23 3.98 -0.01	39.91 3.92 -0.01	40.52 4.02 -0.01	45.27 5.24 -0.01	50.54 6.32 -0.01	55.80 6.67 -3.10	57.77 7.15 -2.91	60.11 7.61 -1.75	63.18 7.69 -1.73	79.00 8.17 -16.03	84.33 8.61 -18.27	107.07 10.27 -31.40	243.05 11.80 -153.58	251.55 12.65 -152.27	96.02 10.93 -4.06	88.14 9.16 -1.34	76.25 6.61 -1.50	61.73 4.77 -2.12	55.16 5.47 -0.01
GLOBE____DSASP 323697	46.33 -1.88 0.00	40.20 -2.07 0.00	35.98 -1.81 0.00	33.51 -1.84 0.00	33.20 -2.08 0.00	33.02 -2.22 0.00	33.90 -2.09 0.00	34.97 -1.53 0.00	37.82 -2.20 0.00	41.25 -2.96 0.00	42.30 -3.73 0.00	43.84 -3.86 0.00	46.49 -4.26 0.00	49.30 -4.46 0.00	50.08 -4.71 0.00	52.96 -4.48 0.00	60.75 -4.64 0.00	70.68 -6.99 0.00	79.96 -6.67 0.00	75.12 -5.92 0.00	70.97 -6.68 0.00	60.37 -7.77 0.00	50.34 -4.50 0.00	46.55 -3.13 0.00
GOETHSLN____LBMP 323567	50.86 2.65 0.00	44.89 2.62 0.00	39.98 2.19 0.00	37.54 2.19 0.00	37.50 2.22 0.00	37.50 2.26 0.00	38.32 2.34 0.00	38.91 2.41 0.00	42.98 2.96 0.00	47.79 3.58 0.00	49.84 3.82 0.00	51.71 4.01 0.00	55.12 4.36 0.00	58.07 4.30 0.00	59.40 4.60 0.00	62.27 4.83 0.00	71.02 5.62 0.00	84.19 6.52 0.00	93.30 6.67 0.00	86.36 5.35 0.02	82.29 4.66 0.02	71.05 2.93 0.02	57.90 3.07 0.01	52.86 3.18 0.01
GOLAH____69_KV_TB 1_2 80279	48.31 0.10 0.00	41.89 -0.38 0.00	37.53 -0.26 0.00	34.88 -0.46 0.00	34.71 -0.56 0.00	34.58 -0.67 0.00	35.44 -0.54 0.00	36.21 -0.29 0.00	39.34 -0.68 0.00	43.19 -1.02 0.00	44.78 -1.24 0.00	46.42 -1.29 0.00	49.23 -1.52 0.00	52.26 -1.51 0.00	53.10 -1.70 0.00	56.01 -1.44 0.00	64.29 -1.11 0.00	75.34 -2.33 0.00	85.07 -1.56 0.00	80.06 -0.97 0.00	76.02 -1.63 0.00	65.35 -2.79 0.00	53.69 -1.15 0.00	49.19 -0.50 0.00
GOODYEAR_LAKE_HYD 323669	50.38 2.17 0.00	44.08 1.82 0.00	39.42 1.63 0.00	36.79 1.45 0.00	36.73 1.45 0.00	36.73 1.48 0.00	37.49 1.51 0.00	38.03 1.53 0.00	41.82 1.80 0.00	46.24 2.03 0.00	48.10 2.07 0.00	49.85 2.15 0.00	53.09 2.33 0.00	56.24 2.47 0.00	57.10 2.30 0.00	59.92 2.47 0.00	68.27 2.88 0.00	81.16 3.50 0.00	90.96 4.33 0.00	85.08 4.05 0.00	81.37 3.73 0.00	70.93 2.79 0.00	57.25 2.41 0.00	52.02 2.34 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	48.79 0.58 0.00	42.56 0.30 0.00	38.02 0.23 0.00	35.52 0.18 0.00	35.39 0.11 0.00	35.35 0.11 0.00	36.13 0.14 0.00	36.79 0.29 0.00	40.30 0.28 0.00	44.47 0.27 0.00	46.16 0.14 0.00	47.90 0.19 0.00	50.85 0.10 0.00	53.87 0.11 0.00	54.85 0.05 0.00	57.67 0.23 0.00	65.85 0.46 0.00	77.90 0.23 0.00	87.32 0.69 0.00	81.68 0.65 0.00	77.96 0.31 0.00	67.66 -0.48 0.00	55.00 0.16 0.00	50.03 0.35 0.00

GOUDEY___7 23579	48.79 0.58 0.00	42.56 0.30 0.00	38.02 0.23 0.00	35.52 0.18 0.00	35.39 0.11 0.00	35.35 0.11 0.00	36.13 0.14 0.00	36.79 0.29 0.00	40.30 0.28 0.00	44.47 0.27 0.00	46.16 0.14 0.00	47.90 0.19 0.00	50.85 0.10 0.00	53.87 0.11 0.00	54.85 0.05 0.00	57.67 0.23 0.00	65.85 0.46 0.00	77.90 0.23 0.00	87.32 0.69 0.00	81.68 0.65 0.00	77.96 0.31 0.00	67.66 -0.48 0.00	55.00 0.16 0.00	50.03 0.35 0.00
GOUDEY___8 23580	48.79 0.58 0.00	42.56 0.30 0.00	38.02 0.23 0.00	35.52 0.18 0.00	35.39 0.11 0.00	35.35 0.11 0.00	36.13 0.14 0.00	36.79 0.29 0.00	40.30 0.28 0.00	44.47 0.27 0.00	46.16 0.14 0.00	47.90 0.19 0.00	50.85 0.10 0.00	53.87 0.11 0.00	54.85 0.05 0.00	57.67 0.23 0.00	65.85 0.46 0.00	77.90 0.23 0.00	87.32 0.69 0.00	81.68 0.65 0.00	77.96 0.31 0.00	67.66 -0.48 0.00	55.00 0.16 0.00	50.03 0.35 0.00
GOWANUS_GT1_1 24077	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GOWANUS_GT1_2 24078	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GOWANUS_GT1_3 24079	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GOWANUS_GT1_4 24080	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GOWANUS_GT1_5 24084	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GOWANUS_GT1_6 24111	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GOWANUS_GT1_7 24112	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GOWANUS_GT1_8 24113	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GOWANUS_GT2_1 24114	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
GOWANUS_GT2_2 24115	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
GOWANUS_GT2_3 24116	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
GOWANUS_GT2_4 24117	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
GOWANUS_GT2_5 24118	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00

GOWANUS_GT2_6 24119	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
GOWANUS_GT2_7 24120	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
GOWANUS_GT2_8 24121	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
GOWANUS_GT3_1 24122	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
GOWANUS_GT3_2 24123	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
GOWANUS_GT3_3 24124	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
GOWANUS_GT3_4 24125	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
GOWANUS_GT3_5 24126	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
GOWANUS_GT3_6 24127	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
GOWANUS_GT3_7 24128	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
GOWANUS_GT3_8 24129	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
GOWANUS_GT4_1 24130	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GOWANUS_GT4_2 24131	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GOWANUS_GT4_3 24132	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GOWANUS_GT4_4 24133	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00

GOWANUS_GT4_5 24134	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GOWANUS_GT4_6 24135	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GOWANUS_GT4_7 24136	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GOWANUS_GT4_8 24137	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GREATVRV_69_KV_BK1 356245	52.60 4.39 0.00	47.00 4.73 0.00	41.87 4.08 0.00	39.13 3.78 0.00	39.09 3.81 0.00	39.16 3.91 0.00	39.94 3.96 0.00	40.48 3.98 0.00	44.82 4.80 0.00	49.87 5.66 0.00	54.83 5.71 -3.10	57.51 6.06 -3.75	59.30 6.24 -2.31	62.51 6.45 -2.29	92.61 6.90 -30.91	79.23 7.35 -14.43	96.84 8.63 -22.81	181.23 9.79 -93.78	189.32 10.40 -92.30	93.90 8.99 -3.87	87.62 8.08 -1.90	76.13 5.93 -2.06	62.55 4.88 -2.83	55.20 5.51 0.00
GREENBSH_115KV_TB3 55895	49.27 1.06 0.00	43.24 0.97 0.00	38.77 0.98 0.00	36.30 0.95 0.00	36.27 0.99 0.00	36.20 0.95 0.00	36.92 0.94 0.00	37.41 0.91 0.00	41.10 1.08 0.00	45.31 1.11 0.00	47.08 1.06 0.00	48.80 1.10 0.00	51.97 1.22 0.00	55.11 1.34 0.00	56.33 1.53 0.00	59.05 1.61 0.00	67.23 1.83 0.00	79.92 2.25 0.00	88.88 2.25 0.00	82.81 1.78 0.00	79.20 1.55 0.00	69.09 0.95 0.00	55.88 1.04 0.00	50.73 1.04 0.00
GREENDGE_115KV_TB5 80291	48.94 0.72 0.00	42.44 0.17 0.00	37.94 0.15 0.00	35.38 0.04 0.00	35.17 -0.11 0.00	35.14 -0.11 0.00	36.02 0.04 0.00	36.72 0.22 0.00	40.06 0.04 0.00	44.16 -0.04 0.00	45.75 -0.28 0.00	47.42 -0.29 0.00	49.89 -0.86 0.00	52.96 -0.81 0.00	53.87 -0.93 0.00	56.64 -0.80 0.00	64.94 -0.46 0.00	76.81 -0.85 0.00	86.71 0.09 0.00	81.44 0.41 0.00	77.57 -0.08 0.00	66.98 -1.16 0.00	54.62 -0.22 0.00	49.63 -0.05 0.00
GREENIDGE___3 23582	48.94 0.72 0.00	42.44 0.17 0.00	37.94 0.15 0.00	35.38 0.04 0.00	35.17 -0.11 0.00	35.14 -0.11 0.00	36.02 0.04 0.00	36.72 0.22 0.00	40.06 0.04 0.00	44.16 -0.04 0.00	45.75 -0.28 0.00	47.42 -0.29 0.00	49.89 -0.86 0.00	52.96 -0.81 0.00	53.87 -0.93 0.00	56.64 -0.80 0.00	64.94 -0.46 0.00	76.81 -0.85 0.00	86.71 0.09 0.00	81.44 0.41 0.00	77.57 -0.08 0.00	66.98 -1.16 0.00	54.62 -0.22 0.00	49.63 -0.05 0.00
GREENIDGE___4 23583	48.94 0.72 0.00	42.52 0.26 0.00	37.94 0.15 0.00	35.38 0.04 0.00	35.17 -0.11 0.00	35.14 -0.11 0.00	36.02 0.04 0.00	36.72 0.22 0.00	40.10 0.08 0.00	44.21 0.00 0.00	45.75 -0.27 0.00	47.42 -0.28 0.00	49.84 -0.91 0.00	52.90 -0.86 0.00	53.86 -0.93 0.00	56.64 -0.80 0.00	64.94 -0.45 0.00	76.81 -0.85 0.00	86.71 0.09 0.00	81.44 0.41 0.00	77.72 0.08 0.00	66.98 -1.16 0.00	54.95 0.11 0.00	49.83 0.15 0.00
GREENLWN_69_KV_BK 3 55738	51.20 2.99 0.00	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.86 2.88 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.41 4.20 0.00	53.27 4.14 -3.10	55.23 4.15 -3.38	57.02 4.21 -2.06	60.14 4.35 -2.02	51.06 4.88 8.62	48.43 5.28 14.30	56.46 6.15 15.08	53.90 7.15 30.91	62.06 7.28 31.84	87.30 5.92 -0.36	84.11 4.81 -1.65	73.16 3.20 -1.82	60.37 3.02 -2.52	53.41 3.73 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00
GRISSOM___SOLAR 323813	51.73 3.52 0.00	45.35 3.08 0.00	40.47 2.68 0.00	37.85 2.51 0.00	37.78 2.51 0.00	37.68 2.43 0.00	38.36 2.37 0.00	38.87 2.37 0.00	42.50 2.48 0.00	46.91 2.70 0.00	48.69 2.67 0.00	50.47 2.77 0.00	53.64 2.89 0.00	56.99 3.23 0.00	57.97 3.18 0.00	60.78 3.33 0.00	69.32 3.92 0.00	83.02 5.35 0.00	93.39 6.76 0.00	87.68 6.65 0.00	84.32 6.68 0.00	73.25 5.11 0.00	59.12 4.28 0.00	53.61 3.92 0.00
GROVEVILLE___HYD 323602	51.15 2.94 0.00	44.93 2.66 0.00	40.13 2.34 0.00	37.61 2.26 0.00	37.54 2.26 0.00	37.54 2.29 0.00	38.25 2.27 0.00	38.73 2.23 0.00	42.74 2.72 0.00	47.44 3.23 0.00	49.52 3.50 0.00	51.33 3.63 0.00	54.76 4.01 0.00	57.90 4.14 0.00	59.24 4.44 0.00	62.10 4.65 0.00	70.96 5.56 0.00	84.19 6.52 0.00	93.73 7.10 0.00	86.95 5.92 0.00	82.93 5.28 0.00	71.96 3.82 0.00	58.35 3.51 0.00	53.06 3.38 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	48.26 0.05 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.17 -0.18 0.00	35.03 -0.25 0.00	35.00 -0.25 0.00	35.80 -0.18 0.00	36.35 -0.15 0.00	39.90 -0.12 0.00	44.12 -0.09 0.00	45.93 -0.09 0.00	47.61 -0.10 0.00	50.60 -0.15 0.00	53.66 -0.11 0.00	54.63 -0.16 0.00	57.33 -0.11 0.00	65.46 0.07 0.00	77.51 -0.16 0.00	86.63 0.00 0.00	81.11 0.08 0.00	77.49 -0.16 0.00	67.53 -0.61 0.00	54.67 -0.16 0.00	49.58 -0.10 0.00
HAMLTNNY_34_KV_TB 80303	48.45 0.24 0.00	42.22 -0.04 0.00	37.75 -0.04 0.00	35.24 -0.11 0.00	35.10 -0.18 0.00	35.07 -0.18 0.00	35.87 -0.11 0.00	36.50 0.00 0.00	40.02 0.00 0.00	44.21 0.00 0.00	46.02 0.00 0.00	47.70 0.00 0.00	50.70 -0.05 0.00	53.76 0.00 0.00	54.74 -0.05 0.00	57.39 -0.06 0.00	65.59 0.20 0.00	77.59 -0.08 0.00	86.89 0.26 0.00	81.44 0.41 0.00	77.72 0.08 0.00	67.60 -0.55 0.00	54.78 -0.05 0.00	49.78 0.10 0.00

HAMPSHIRE___PAPER_HYD 323593	49.08 0.87 0.00	42.90 0.63 0.00	38.39 0.60 0.00	35.77 0.43 0.00	35.81 0.53 0.00	35.91 0.67 0.00	36.63 0.65 0.00	36.97 0.47 0.00	40.34 0.32 0.00	44.52 0.31 0.00	46.30 0.28 0.00	47.75 0.05 0.00	50.75 0.00 0.00	53.71 -0.05 0.00	54.42 -0.38 0.00	56.98 -0.46 0.00	64.81 -0.59 0.00	77.59 -0.08 0.00	87.49 0.87 0.00	82.73 1.70 0.00	79.66 2.02 0.00	70.26 2.11 0.00	55.99 1.15 0.00	50.48 0.79 0.00
HARDSCRABBLE_WT_PWR 323673	48.36 0.15 0.00	42.39 0.13 0.00	37.87 0.08 0.00	35.38 0.04 0.00	35.31 0.04 0.00	35.32 0.07 0.00	36.05 0.07 0.00	36.57 0.07 0.00	40.14 0.12 0.00	44.34 0.13 0.00	46.16 0.14 0.00	47.75 0.05 0.00	50.80 0.05 0.00	53.76 0.00 0.00	54.63 -0.16 0.00	57.22 -0.23 0.00	65.07 -0.33 0.00	77.36 -0.31 0.00	86.54 -0.09 0.00	81.03 0.00 0.00	77.65 0.00 0.00	68.21 0.07 0.00	54.84 0.00 0.00	49.83 0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.82 2.60 0.00	44.68 2.41 0.00	39.87 2.08 0.00	37.39 2.05 0.00	37.33 2.05 0.00	37.32 2.08 0.00	38.03 2.05 0.00	38.54 2.04 0.00	42.54 2.52 0.00	47.22 3.01 0.00	49.29 3.27 0.00	51.14 3.43 0.00	54.51 3.76 0.00	57.64 3.87 0.00	58.96 4.16 0.00	61.87 4.42 0.00	70.63 5.23 0.00	83.80 6.14 0.00	93.21 6.58 0.00	86.46 5.43 0.00	82.38 4.74 0.00	71.48 3.34 0.00	57.91 3.07 0.00	52.76 3.08 0.00
HARSNRAD_115KV_TB1 81005	47.68 -0.53 0.00	41.42 -0.85 0.00	37.04 -0.76 0.00	34.46 -0.88 0.00	34.19 -1.09 0.00	33.98 -1.27 0.00	34.90 -1.08 0.00	35.95 -0.55 0.00	38.74 -1.28 0.00	42.18 -2.03 0.00	43.26 -2.76 0.00	44.84 -2.86 0.00	47.25 -3.50 0.00	50.11 -3.66 0.00	50.91 -3.89 0.00	53.83 -3.62 0.00	61.80 -3.60 0.00	72.00 -5.67 0.00	81.51 -5.11 0.00	76.65 -4.38 0.00	72.44 -5.20 0.00	61.60 -6.54 0.00	51.27 -3.56 0.00	47.65 -2.04 0.00
HARZA MOOSE___RIVER 24016	49.56 1.35 0.00	43.28 1.01 0.00	38.74 0.94 0.00	36.09 0.74 0.00	36.09 0.81 0.00	36.27 1.02 0.00	36.99 1.01 0.00	37.41 0.91 0.00	40.98 0.96 0.00	45.18 0.97 0.00	46.99 0.97 0.00	48.37 0.67 0.00	51.46 0.71 0.00	54.52 0.75 0.00	55.24 0.44 0.00	57.96 0.52 0.00	66.05 0.65 0.00	78.99 1.32 0.00	89.05 2.43 0.00	83.79 2.76 0.00	80.36 2.72 0.00	70.39 2.25 0.00	56.37 1.54 0.00	51.07 1.39 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	47.83 -0.39 0.00	41.76 -0.51 0.00	37.34 -0.45 0.00	34.85 -0.49 0.00	34.75 -0.53 0.00	34.72 -0.53 0.00	35.48 -0.50 0.00	36.06 -0.44 0.00	39.54 -0.48 0.00	43.72 -0.49 0.00	45.47 -0.55 0.00	47.18 -0.52 0.00	50.14 -0.61 0.00	53.17 -0.59 0.00	54.19 -0.60 0.00	56.81 -0.63 0.00	64.87 -0.52 0.00	76.81 -0.85 0.00	85.85 -0.78 0.00	80.38 -0.65 0.00	76.79 -0.85 0.00	66.91 -1.23 0.00	54.18 -0.66 0.00	49.14 -0.55 0.00
HELLGATE_13_KV_LD 55870	51.59 3.37 0.00	45.56 3.30 0.00	40.63 2.83 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.03 2.78 0.00	38.83 2.84 0.00	39.46 2.96 0.00	43.62 3.60 0.00	48.45 4.24 0.00	50.58 4.56 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 0.00	59.95 5.15 0.00	62.67 5.23 0.00	71.35 5.95 0.00	84.58 6.91 0.00	93.82 7.19 0.00	86.87 5.83 -0.01	82.78 5.12 -0.01	66.71 3.34 4.77	58.46 3.62 0.00	53.61 3.93 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.59 3.37 0.00	45.56 3.30 0.00	40.63 2.83 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.03 2.78 0.00	38.83 2.84 0.00	39.46 2.96 0.00	43.62 3.60 0.00	48.45 4.24 0.00	50.58 4.56 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 0.00	59.95 5.15 0.00	62.67 5.23 0.00	71.35 5.95 0.00	84.58 6.91 0.00	93.82 7.19 0.00	86.87 5.83 -0.01	82.78 5.12 -0.01	66.71 3.34 4.77	58.46 3.62 0.00	53.61 3.93 0.00
HEMPSTEAD____ 23647	51.39 3.18 0.00	45.57 3.30 -0.01	40.71 2.91 -0.01	38.14 2.79 -0.01	38.11 2.82 -0.01	38.11 2.85 -0.01	38.90 2.91 -0.01	39.50 2.99 -0.01	43.59 3.56 -0.01	48.37 4.15 -0.01	53.45 4.32 -3.10	65.86 4.58 -13.58	64.53 4.98 -8.80	67.34 4.94 -8.63	72.00 5.26 -11.95	75.11 5.57 -12.10	88.17 6.54 -16.24	96.02 7.62 -10.73	100.87 7.96 -6.28	95.72 6.65 -8.04	90.16 5.83 -6.69	79.77 4.09 -7.54	69.86 3.67 -11.34	53.62 3.92 -0.01
HICKLING___1 23621	48.84 0.63 0.00	42.35 0.08 0.00	37.87 0.08 0.00	35.34 0.00 0.00	35.10 -0.18 0.00	35.07 -0.18 0.00	35.91 -0.07 0.00	36.68 0.18 0.00	40.02 0.00 0.00	44.08 -0.13 0.00	45.61 -0.41 0.00	47.28 -0.43 0.00	49.99 -0.76 0.00	53.01 -0.75 0.00	53.92 -0.88 0.00	56.76 -0.69 0.00	65.07 -0.33 0.00	76.81 -0.85 0.00	86.63 0.00 0.00	81.27 0.24 0.00	77.41 -0.23 0.00	66.71 -1.43 0.00	54.56 -0.27 0.00	49.73 0.05 0.00
HICKLING___2 23622	48.84 0.63 0.00	42.35 0.08 0.00	37.87 0.08 0.00	35.34 0.00 0.00	35.10 -0.18 0.00	35.07 -0.18 0.00	35.91 -0.07 0.00	36.68 0.18 0.00	40.02 0.00 0.00	44.08 -0.13 0.00	45.61 -0.41 0.00	47.28 -0.43 0.00	49.99 -0.76 0.00	53.01 -0.75 0.00	53.92 -0.88 0.00	56.76 -0.69 0.00	65.07 -0.33 0.00	76.81 -0.85 0.00	86.63 0.00 0.00	81.27 0.24 0.00	77.41 -0.23 0.00	66.71 -1.43 0.00	54.56 -0.27 0.00	49.73 0.05 0.00
HIGH FALLS___HY 23754	51.11 2.89 0.00	44.85 2.58 0.00	39.98 2.19 0.00	37.46 2.12 0.00	37.43 2.15 0.00	37.43 2.19 0.00	38.11 2.12 0.00	38.58 2.08 0.00	42.58 2.56 0.00	47.26 3.05 0.00	49.38 3.36 0.00	51.19 3.48 0.00	54.56 3.81 0.00	57.69 3.92 0.00	58.96 4.16 0.00	61.93 4.48 0.00	70.82 5.43 0.00	84.11 6.45 0.00	93.82 7.19 0.00	87.19 6.16 0.00	83.00 5.36 0.00	72.02 3.88 0.00	58.35 3.51 0.00	53.06 3.38 0.00
HIGH_RIVER___SOLAR 323847	50.57 2.36 0.00	44.30 2.03 0.00	39.60 1.81 0.00	37.04 1.70 0.00	36.97 1.69 0.00	36.90 1.66 0.00	37.56 1.58 0.00	38.03 1.53 0.00	41.54 1.52 0.00	45.71 1.50 0.00	47.45 1.43 0.00	49.19 1.48 0.00	52.27 1.52 0.00	55.43 1.67 0.00	56.44 1.64 0.00	59.11 1.67 0.00	67.36 1.96 0.00	80.69 3.03 0.00	90.78 4.16 0.00	85.16 4.13 0.00	81.91 4.27 0.00	71.34 3.20 0.00	57.58 2.74 0.00	52.27 2.58 0.00
HILLBURN___GT 23639	50.72 2.51 0.00	44.59 2.32 0.00	39.83 2.04 0.00	37.36 2.01 0.00	37.32 2.05 0.00	37.32 2.08 0.00	38.07 2.09 0.00	38.62 2.12 0.00	42.62 2.60 0.00	47.26 3.05 0.00	49.34 3.32 0.00	51.23 3.53 0.00	54.66 3.91 0.00	57.64 3.87 0.00	58.96 4.16 0.00	61.81 4.36 0.00	70.63 5.23 0.00	83.73 6.06 0.00	92.95 6.32 0.00	86.22 5.19 0.00	82.15 4.50 0.00	71.21 3.07 0.00	57.58 2.74 0.00	52.66 2.98 0.00
HILLSIDE_115KV_TB1 80332	48.16 -0.05 0.00	41.89 -0.38 0.00	37.41 -0.38 0.00	34.96 -0.39 0.00	34.75 -0.53 0.00	34.68 -0.56 0.00	35.48 -0.50 0.00	36.24 -0.26 0.00	39.58 -0.44 0.00	43.59 -0.62 0.00	45.15 -0.87 0.00	46.80 -0.91 0.00	49.53 -1.22 0.00	52.53 -1.24 0.00	53.48 -1.32 0.00	56.30 -1.15 0.00	64.48 -0.92 0.00	76.04 -1.63 0.00	85.67 -0.95 0.00	80.22 -0.81 0.00	76.48 -1.16 0.00	65.96 -2.18 0.00	53.91 -0.93 0.00	49.14 -0.55 0.00

HISHELDN_WT_PWR 323625	47.88 -0.34 0.00	41.63 -0.63 0.00	37.07 -0.72 0.00	34.53 -0.81 0.00	34.22 -1.06 0.00	34.12 -1.13 0.00	34.98 -1.01 0.00	35.99 -0.51 0.00	38.98 -1.04 0.00	42.75 -1.46 0.00	43.82 -2.21 0.00	45.32 -2.38 0.00	47.81 -2.94 0.00	50.86 -2.90 0.00	51.68 -3.12 0.00	54.63 -2.81 0.00	62.71 -2.68 0.00	73.40 -4.27 0.00	83.33 -3.29 0.00	78.43 -2.60 0.00	74.70 -2.95 0.00	63.50 -4.64 0.00	53.36 -1.48 0.00	48.69 -0.99 0.00
HOLTSVILLE_IC_1 23690	51.59 3.37 0.00	46.12 3.85 -0.01	41.20 3.40 -0.01	38.53 3.18 -0.01	38.50 3.21 -0.01	38.53 3.28 -0.01	39.37 3.38 -0.01	39.86 3.36 -0.01	44.11 4.08 -0.01	48.95 4.73 -0.01	53.82 4.70 -3.10	55.48 4.91 -2.86	57.75 5.28 -1.72	60.51 5.05 -1.70	74.51 5.43 -14.29	79.01 5.69 -15.88	101.17 6.80 -28.97	235.86 7.77 -150.43	243.91 8.14 -149.15	91.82 6.97 -3.82	84.93 5.98 -1.31	73.84 4.23 -1.47	60.21 3.29 -2.08	53.81 4.12 -0.01
HOLTSVILLE_IC_10 23699	51.87 3.66 0.00	46.33 4.06 -0.01	41.43 3.63 -0.01	38.71 3.36 -0.01	38.67 3.39 -0.01	38.71 3.46 -0.01	39.55 3.56 -0.01	40.05 3.54 -0.01	44.35 4.32 -0.01	49.26 5.04 -0.01	54.19 5.06 -3.10	56.11 5.34 -3.07	58.34 5.73 -1.85	61.20 5.59 -1.84	82.43 6.03 -21.60	89.29 6.26 -25.58	111.57 7.52 -38.65	248.66 8.70 -162.30	256.61 9.09 -160.89	93.68 7.86 -4.79	85.84 6.75 -1.44	74.59 4.84 -1.61	60.87 3.78 -2.25	54.17 4.47 -0.01
HOLTSVILLE_IC_2 23691	51.59 3.37 0.00	46.12 3.85 -0.01	41.20 3.40 -0.01	38.53 3.18 -0.01	38.50 3.21 -0.01	38.53 3.28 -0.01	39.37 3.38 -0.01	39.86 3.36 -0.01	44.11 4.08 -0.01	48.95 4.73 -0.01	53.82 4.70 -3.10	55.48 4.91 -2.86	57.75 5.28 -1.72	60.51 5.05 -1.70	74.51 5.43 -14.29	79.01 5.69 -15.88	101.17 6.80 -28.97	235.86 7.77 -150.43	243.91 8.14 -149.15	91.82 6.97 -3.82	84.93 5.98 -1.31	73.84 4.23 -1.47	60.21 3.29 -2.08	53.81 4.12 -0.01
HOLTSVILLE_IC_3 23692	51.59 3.37 0.00	46.12 3.85 -0.01	41.20 3.40 -0.01	38.53 3.18 -0.01	38.50 3.21 -0.01	38.53 3.28 -0.01	39.37 3.38 -0.01	39.86 3.36 -0.01	44.11 4.08 -0.01	48.95 4.73 -0.01	53.82 4.70 -3.10	55.48 4.91 -2.86	57.75 5.28 -1.72	60.51 5.05 -1.70	74.51 5.43 -14.29	79.01 5.69 -15.88	101.17 6.80 -28.97	235.86 7.77 -150.43	243.91 8.14 -149.15	91.82 6.97 -3.82	84.93 5.98 -1.31	73.84 4.23 -1.47	60.21 3.29 -2.08	53.81 4.12 -0.01
HOLTSVILLE_IC_4 23693	51.59 3.37 0.00	46.12 3.85 -0.01	41.20 3.40 -0.01	38.53 3.18 -0.01	38.50 3.21 -0.01	38.53 3.28 -0.01	39.37 3.38 -0.01	39.86 3.36 -0.01	44.11 4.08 -0.01	48.95 4.73 -0.01	53.82 4.70 -3.10	55.48 4.91 -2.86	57.75 5.28 -1.72	60.51 5.05 -1.70	74.51 5.43 -14.29	79.01 5.69 -15.88	101.17 6.80 -28.97	235.86 7.77 -150.43	243.91 8.14 -149.15	91.82 6.97 -3.82	84.93 5.98 -1.31	73.84 4.23 -1.47	60.21 3.29 -2.08	53.81 4.12 -0.01
HOLTSVILLE_IC_5 23694	51.59 3.37 0.00	46.12 3.85 -0.01	41.20 3.40 -0.01	38.53 3.18 -0.01	38.50 3.21 -0.01	38.53 3.28 -0.01	39.37 3.38 -0.01	39.86 3.36 -0.01	44.11 4.08 -0.01	48.95 4.73 -0.01	53.82 4.70 -3.10	55.48 4.91 -2.86	57.75 5.28 -1.72	60.51 5.05 -1.70	74.51 5.43 -14.29	79.01 5.69 -15.88	101.17 6.80 -28.97	235.86 7.77 -150.43	243.91 8.14 -149.15	91.82 6.97 -3.82	84.93 5.98 -1.31	73.84 4.23 -1.47	60.21 3.29 -2.08	53.81 4.12 -0.01
HOLTSVILLE_IC_6 23695	51.87 3.66 0.00	46.33 4.06 -0.01	41.43 3.63 -0.01	38.71 3.36 -0.01	38.67 3.39 -0.01	38.71 3.46 -0.01	39.55 3.56 -0.01	40.05 3.54 -0.01	44.35 4.32 -0.01	49.26 5.04 -0.01	54.19 5.06 -3.10	56.11 5.34 -3.07	58.34 5.73 -1.85	61.20 5.59 -1.84	82.43 6.03 -21.60	89.29 6.26 -25.58	111.57 7.52 -38.65	248.66 8.70 -162.30	256.61 9.09 -160.89	93.68 7.86 -4.79	85.84 6.75 -1.44	74.59 4.84 -1.61	60.87 3.78 -2.25	54.17 4.47 -0.01
HOLTSVILLE_IC_7 23696	51.87 3.66 0.00	46.33 4.06 -0.01	41.43 3.63 -0.01	38.71 3.36 -0.01	38.67 3.39 -0.01	38.71 3.46 -0.01	39.55 3.56 -0.01	40.05 3.54 -0.01	44.35 4.32 -0.01	49.26 5.04 -0.01	54.19 5.06 -3.10	56.11 5.34 -3.07	58.34 5.73 -1.85	61.20 5.59 -1.84	82.43 6.03 -21.60	89.29 6.26 -25.58	111.57 7.52 -38.65	248.66 8.70 -162.30	256.61 9.09 -160.89	93.68 7.86 -4.79	85.84 6.75 -1.44	74.59 4.84 -1.61	60.87 3.78 -2.25	54.17 4.47 -0.01
HOLTSVILLE_IC_8 23697	51.87 3.66 0.00	46.33 4.06 -0.01	41.43 3.63 -0.01	38.71 3.36 -0.01	38.67 3.39 -0.01	38.71 3.46 -0.01	39.55 3.56 -0.01	40.05 3.54 -0.01	44.35 4.32 -0.01	49.26 5.04 -0.01	54.19 5.06 -3.10	56.11 5.34 -3.07	58.34 5.73 -1.85	61.20 5.59 -1.84	82.43 6.03 -21.60	89.29 6.26 -25.58	111.57 7.52 -38.65	248.66 8.70 -162.30	256.61 9.09 -160.89	93.68 7.86 -4.79	85.84 6.75 -1.44	74.59 4.84 -1.61	60.87 3.78 -2.25	54.17 4.47 -0.01
HOLTSVILLE_IC_9 23698	51.87 3.66 0.00	46.33 4.06 -0.01	41.43 3.63 -0.01	38.71 3.36 -0.01	38.67 3.39 -0.01	38.71 3.46 -0.01	39.55 3.56 -0.01	40.05 3.54 -0.01	44.35 4.32 -0.01	49.26 5.04 -0.01	54.19 5.06 -3.10	56.11 5.34 -3.07	58.34 5.73 -1.85	61.20 5.59 -1.84	82.43 6.03 -21.60	89.29 6.26 -25.58	111.57 7.52 -38.65	248.66 8.70 -162.30	256.61 9.09 -160.89	93.68 7.86 -4.79	85.84 6.75 -1.44	74.59 4.84 -1.61	60.87 3.78 -2.25	54.17 4.47 -0.01
HOMER_HL_115KV_TB2 355744	47.63 -0.58 0.00	41.29 -0.97 0.00	36.85 -0.94 0.00	34.35 -0.99 0.00	34.08 -1.20 0.00	33.98 -1.27 0.00	34.83 -1.15 0.00	35.88 -0.62 0.00	38.86 -1.16 0.00	42.71 -1.50 0.00	44.00 -2.03 0.00	45.61 -2.10 0.00	48.32 -2.44 0.00	51.24 -2.53 0.00	52.11 -2.69 0.00	55.15 -2.30 0.00	63.30 -2.09 0.00	74.33 -3.34 0.00	84.11 -2.51 0.00	78.84 -2.19 0.00	74.77 -2.87 0.00	63.71 -4.43 0.00	52.70 -2.14 0.00	48.24 -1.44 0.00
HOWARD_WT_PWR 323690	48.69 0.48 0.00	42.18 -0.08 0.00	37.57 -0.23 0.00	35.03 -0.32 0.00	34.79 -0.49 0.00	34.75 -0.49 0.00	35.62 -0.36 0.00	36.43 -0.07 0.00	39.58 -0.44 0.00	43.55 -0.66 0.00	44.74 -1.29 0.00	46.18 -1.53 0.00	48.67 -2.08 0.00	51.61 -2.15 0.00	52.50 -2.30 0.00	55.43 -2.01 0.00	63.70 -1.70 0.00	75.26 -2.41 0.00	85.50 -1.13 0.00	80.79 -0.24 0.00	77.26 -0.39 0.00	66.10 -2.04 0.00	54.78 -0.05 0.00	49.73 0.05 0.00
HQ_GEN_CEDARS 23644	48.31 0.10 0.00	42.39 0.13 0.00	37.87 0.08 0.00	35.41 0.07 0.00	35.42 0.14 0.00	35.39 0.14 0.00	36.13 0.14 0.00	36.54 0.04 0.00	39.78 -0.24 0.00	43.99 -0.22 0.00	45.89 -0.14 0.00	47.47 -0.24 0.00	50.50 -0.25 0.00	53.39 -0.38 0.00	54.25 -0.55 0.00	56.76 -0.69 0.00	64.29 -1.11 0.00	76.66 -1.01 0.00	85.67 -0.95 0.00	80.95 -0.08 0.00	77.96 0.31 0.00	69.23 1.09 0.00	55.11 0.27 0.00	49.68 0.00 0.00
HQ_GEN_CEDARS_PROXY 323590	48.31 0.10 0.00	42.39 0.13 0.00	37.87 0.08 0.00	35.41 0.07 0.00	35.42 0.14 0.00	35.39 0.14 0.00	36.13 0.14 0.00	36.54 0.04 0.00	39.78 -0.24 0.00	43.99 -0.22 0.00	45.89 -0.14 0.00	47.47 -0.24 0.00	50.50 -0.25 0.00	53.39 -0.37 0.00	54.25 -0.55 0.00	56.76 -0.69 0.00	64.28 -1.11 0.00	76.66 -1.01 0.00	85.67 -0.95 0.00	80.95 -0.08 0.00	77.88 0.23 0.00	69.16 1.02 0.00	55.26 0.22 -0.20	49.38 -0.10 0.20

HQ_GEN_IMPORT 323601	47.73 -0.48 0.00	41.89 -0.38 0.00	37.45 -0.34 0.00	35.03 -0.32 0.00	35.00 -0.28 0.00	34.96 -0.28 0.00	35.69 -0.29 0.00	36.17 -0.33 0.00	39.54 -0.48 0.00	43.68 -0.53 0.00	45.52 -0.51 0.00	47.18 -0.52 0.00	50.15 -0.61 0.00	53.12 -0.64 0.00	54.08 -0.71 0.00	56.64 -0.80 0.00	64.35 -1.05 0.00	76.58 -1.09 0.00	85.41 -1.21 0.00	80.14 -0.89 0.00	76.57 -0.62 0.45	68.66 0.07 -0.45	54.71 -0.33 -0.20	48.94 -0.55 0.20
HQ_GEN_WHEEL 23651	47.73 -0.48 0.00	41.89 -0.38 0.00	37.45 -0.34 0.00	35.03 -0.32 0.00	35.00 -0.28 0.00	34.96 -0.28 0.00	35.69 -0.29 0.00	36.17 -0.33 0.00	39.54 -0.48 0.00	43.68 -0.53 0.00	45.52 -0.51 0.00	47.18 -0.52 0.00	50.15 -0.61 0.00	53.12 -0.64 0.00	54.08 -0.71 0.00	56.64 -0.80 0.00	64.35 -1.05 0.00	76.58 -1.09 0.00	85.41 -1.21 0.00	80.14 -0.89 0.00	76.57 -0.62 0.45	68.66 0.07 -0.45	54.71 -0.33 -0.20	48.94 -0.55 0.20
HUDSON AVE_GT_3 23810	51.25 3.04 0.00	45.23 2.96 0.00	40.29 2.49 0.00	37.78 2.44 0.00	37.75 2.47 0.00	37.75 2.50 0.00	38.57 2.59 0.00	39.16 2.66 0.00	43.30 3.28 0.00	48.14 3.93 0.00	50.21 4.19 0.00	52.09 4.39 0.00	55.52 4.77 0.00	58.60 4.84 0.00	59.95 5.15 0.00	62.85 5.40 0.00	71.67 6.28 0.00	84.89 7.22 0.00	94.16 7.54 0.00	87.19 6.16 0.00	83.08 5.44 0.00	71.75 3.61 0.00	58.40 3.56 0.00	53.31 3.63 0.00
HUDSON AVE_GT_4 23540	51.25 3.04 0.00	45.23 2.96 0.00	40.29 2.49 0.00	37.78 2.44 0.00	37.75 2.47 0.00	37.75 2.50 0.00	38.57 2.59 0.00	39.16 2.66 0.00	43.30 3.28 0.00	48.14 3.93 0.00	50.21 4.19 0.00	52.09 4.39 0.00	55.52 4.77 0.00	58.60 4.84 0.00	59.95 5.15 0.00	62.85 5.40 0.00	71.67 6.28 0.00	84.89 7.22 0.00	94.16 7.54 0.00	87.19 6.16 0.00	83.08 5.44 0.00	71.75 3.61 0.00	58.40 3.56 0.00	53.31 3.63 0.00
HUDSON AVE_GT_5 23657	51.25 3.04 0.00	45.23 2.96 0.00	40.29 2.49 0.00	37.78 2.44 0.00	37.75 2.47 0.00	37.75 2.50 0.00	38.57 2.59 0.00	39.16 2.66 0.00	43.30 3.28 0.00	48.14 3.93 0.00	50.21 4.19 0.00	52.09 4.39 0.00	55.52 4.77 0.00	58.60 4.84 0.00	59.95 5.15 0.00	62.85 5.40 0.00	71.67 6.28 0.00	84.89 7.22 0.00	94.16 7.54 0.00	87.19 6.16 0.00	83.08 5.44 0.00	71.75 3.61 0.00	58.40 3.56 0.00	53.31 3.63 0.00
HUDSON_AVE_10 24168	51.11 2.89 0.00	45.10 2.83 0.00	40.17 2.38 0.00	37.64 2.30 0.00	37.64 2.36 0.00	37.64 2.40 0.00	38.47 2.48 0.00	39.09 2.59 0.00	43.22 3.20 0.00	48.06 3.85 0.00	50.07 4.05 0.00	51.95 4.25 0.00	55.37 4.62 0.00	58.44 4.68 0.00	59.78 4.99 0.00	62.67 5.23 0.00	71.48 6.08 0.00	84.74 7.07 0.00	93.99 7.36 0.00	87.03 6.00 0.00	82.85 5.20 0.00	71.55 3.41 0.00	58.29 3.45 0.00	53.21 3.53 0.00
HUDSON___115KV_TB 4 355613	50.38 2.17 0.00	44.13 1.86 0.00	39.53 1.74 0.00	37.01 1.66 0.00	36.94 1.66 0.00	36.87 1.62 0.00	37.53 1.55 0.00	37.96 1.46 0.00	41.62 1.60 0.00	45.71 1.50 0.00	47.45 1.43 0.00	49.09 1.38 0.00	52.27 1.52 0.00	55.54 1.77 0.00	56.77 1.97 0.00	59.57 2.13 0.00	68.01 2.62 0.00	81.08 3.42 0.00	90.70 4.07 0.00	84.68 3.65 0.00	81.06 3.42 0.00	70.59 2.45 0.00	57.14 2.30 0.00	51.77 2.09 0.00
HUNTER MOUNT___DRP 323613	50.62 2.41 0.00	44.30 2.03 0.00	39.72 1.93 0.00	37.15 1.80 0.00	37.11 1.83 0.00	37.01 1.76 0.00	37.60 1.62 0.00	38.00 1.50 0.00	41.66 1.64 0.00	45.80 1.59 0.00	47.59 1.56 0.00	49.18 1.48 0.00	52.38 1.62 0.00	55.65 1.88 0.00	56.88 2.08 0.00	59.74 2.30 0.00	68.21 2.81 0.00	81.47 3.81 0.00	91.22 4.59 0.00	85.33 4.29 0.00	81.68 4.04 0.00	71.21 3.07 0.00	57.58 2.74 0.00	52.07 2.38 0.00
HUNTINGTON_RES_REC 323705	51.59 3.37 0.00	45.95 3.68 -0.01	41.05 3.25 -0.01	38.39 3.04 -0.01	38.36 3.07 -0.01	38.39 3.14 -0.01	39.19 3.20 -0.01	39.72 3.21 -0.01	43.99 3.96 -0.01	48.86 4.64 -0.01	53.73 4.60 -3.10	55.59 4.82 -3.07	57.78 5.18 -1.85	60.79 5.11 -1.92	113.87 5.59 -53.48	182.33 5.74 -119.14	217.50 7.00 -145.10	464.02 8.08 -378.28	471.22 8.40 -376.20	102.06 7.05 -13.98	84.92 5.83 -1.44	73.91 4.16 -1.61	60.44 3.35 -2.25	53.77 4.07 -0.01
HUNTLEY___63 23557	47.78 -0.43 0.00	41.46 -0.80 0.00	37.07 -0.72 0.00	34.46 -0.88 0.00	34.19 -1.09 0.00	34.01 -1.23 0.00	34.94 -1.04 0.00	35.99 -0.51 0.00	38.86 -1.16 0.00	42.49 -1.72 0.00	43.58 -2.44 0.00	45.22 -2.48 0.00	47.91 -2.84 0.00	50.75 -3.01 0.00	51.56 -3.23 0.00	54.63 -2.81 0.00	62.65 -2.75 0.00	73.09 -4.58 0.00	82.47 -4.16 0.00	77.63 -3.40 0.00	73.38 -4.27 0.00	62.35 -5.79 0.00	51.88 -2.96 0.00	48.04 -1.64 0.00
HUNTLEY___64 23558	47.78 -0.43 0.00	41.46 -0.80 0.00	37.07 -0.72 0.00	34.46 -0.88 0.00	34.19 -1.09 0.00	34.01 -1.23 0.00	34.94 -1.04 0.00	35.99 -0.51 0.00	38.86 -1.16 0.00	42.49 -1.72 0.00	43.58 -2.44 0.00	45.22 -2.48 0.00	47.91 -2.84 0.00	50.75 -3.01 0.00	51.56 -3.23 0.00	54.63 -2.81 0.00	62.65 -2.75 0.00	73.09 -4.58 0.00	82.47 -4.16 0.00	77.63 -3.40 0.00	73.38 -4.27 0.00	62.35 -5.79 0.00	51.88 -2.96 0.00	48.04 -1.64 0.00
HUNTLEY___65 23559	47.78 -0.43 0.00	41.46 -0.80 0.00	37.07 -0.72 0.00	34.46 -0.88 0.00	34.19 -1.09 0.00	34.01 -1.23 0.00	34.94 -1.04 0.00	35.99 -0.51 0.00	38.86 -1.16 0.00	42.49 -1.72 0.00	43.58 -2.44 0.00	45.22 -2.48 0.00	47.91 -2.84 0.00	50.75 -3.01 0.00	51.56 -3.23 0.00	54.63 -2.81 0.00	62.65 -2.75 0.00	73.09 -4.58 0.00	82.47 -4.16 0.00	77.63 -3.40 0.00	73.38 -4.27 0.00	62.35 -5.79 0.00	51.88 -2.96 0.00	48.04 -1.64 0.00
HUNTLEY___66 23560	47.78 -0.43 0.00	41.46 -0.80 0.00	37.07 -0.72 0.00	34.46 -0.88 0.00	34.19 -1.09 0.00	34.01 -1.23 0.00	34.94 -1.04 0.00	35.99 -0.51 0.00	38.86 -1.16 0.00	42.49 -1.72 0.00	43.58 -2.44 0.00	45.22 -2.48 0.00	47.91 -2.84 0.00	50.75 -3.01 0.00	51.56 -3.23 0.00	54.63 -2.81 0.00	62.65 -2.75 0.00	73.09 -4.58 0.00	82.47 -4.16 0.00	77.63 -3.40 0.00	73.38 -4.27 0.00	62.35 -5.79 0.00	51.88 -2.96 0.00	48.04 -1.64 0.00
HUNTLEY___67 23561	47.49 -0.72 0.00	41.21 -1.06 0.00	36.85 -0.94 0.00	34.28 -1.06 0.00	34.01 -1.27 0.00	33.84 -1.41 0.00	34.72 -1.26 0.00	35.81 -0.69 0.00	38.70 -1.32 0.00	42.31 -1.90 0.00	43.40 -2.62 0.00	45.03 -2.67 0.00	47.71 -3.05 0.00	50.59 -3.17 0.00	51.45 -3.34 0.00	54.40 -3.04 0.00	62.45 -2.94 0.00	72.77 -4.89 0.00	82.38 -4.24 0.00	77.38 -3.65 0.00	73.14 -4.50 0.00	62.21 -5.93 0.00	51.77 -3.07 0.00	47.80 -1.89 0.00
HUNTLEY___68 23562	47.49 -0.72 0.00	41.21 -1.06 0.00	36.85 -0.94 0.00	34.28 -1.06 0.00	34.01 -1.27 0.00	33.84 -1.41 0.00	34.72 -1.26 0.00	35.81 -0.69 0.00	38.70 -1.32 0.00	42.31 -1.90 0.00	43.40 -2.62 0.00	45.03 -2.67 0.00	47.71 -3.05 0.00	50.59 -3.17 0.00	51.45 -3.34 0.00	54.40 -3.04 0.00	62.45 -2.94 0.00	72.77 -4.89 0.00	82.38 -4.24 0.00	77.38 -3.65 0.00	73.14 -4.50 0.00	62.21 -5.93 0.00	51.77 -3.07 0.00	47.80 -1.89 0.00

HYLAND___LFGE 323620	50.81 2.60 0.00	43.83 1.56 0.00	39.08 1.29 0.00	36.30 0.95 0.00	36.09 0.81 0.00	36.06 0.81 0.00	36.81 0.83 0.00	37.19 0.69 0.00	39.78 -0.24 0.00	43.33 -0.88 0.00	44.14 -1.89 0.00	45.56 -2.15 0.00	48.22 -2.54 0.00	51.45 -2.31 0.00	52.50 -2.30 0.00	55.60 -1.84 0.00	64.28 -1.11 0.00	76.50 -1.16 0.00	87.75 1.12 0.00	84.28 3.24 0.00	80.75 3.11 0.00	69.23 1.09 0.00	57.25 2.41 0.00	51.92 2.24 0.00
INDECK___CORINTH 23802	50.19 1.98 0.00	44.00 1.73 0.00	39.41 1.62 0.00	36.86 1.52 0.00	36.83 1.55 0.00	36.69 1.45 0.00	37.42 1.44 0.00	38.03 1.53 0.00	41.78 1.76 0.00	46.07 1.86 0.00	47.50 1.47 0.00	49.28 1.57 0.00	52.42 1.67 0.00	55.70 1.93 0.00	56.77 1.97 0.00	59.45 2.01 0.00	67.82 2.42 0.00	81.00 3.34 0.00	91.30 4.67 0.00	85.08 4.05 0.00	81.91 4.27 0.00	71.14 2.99 0.00	57.31 2.47 0.00	51.97 2.29 0.00
INDECK___ILION 23567	48.50 0.29 0.00	42.52 0.25 0.00	37.98 0.19 0.00	35.49 0.14 0.00	35.46 0.18 0.00	35.42 0.18 0.00	36.16 0.18 0.00	36.68 0.18 0.00	40.26 0.24 0.00	44.47 0.27 0.00	46.30 0.28 0.00	47.94 0.24 0.00	51.01 0.25 0.00	54.03 0.27 0.00	54.96 0.16 0.00	57.62 0.17 0.00	65.59 0.20 0.00	77.98 0.31 0.00	87.06 0.43 0.00	81.44 0.41 0.00	78.03 0.39 0.00	68.41 0.27 0.00	55.06 0.22 0.00	49.98 0.30 0.00
INDECK___OLEAN 23982	47.64 -0.58 0.00	41.42 -0.85 0.00	36.88 -0.91 0.00	34.35 -0.99 0.00	34.08 -1.20 0.00	33.98 -1.27 0.00	34.83 -1.15 0.00	35.88 -0.62 0.00	38.86 -1.16 0.00	42.79 -1.42 0.00	44.00 -2.02 0.00	45.61 -2.10 0.00	48.17 -2.59 0.00	51.19 -2.58 0.00	52.11 -2.68 0.00	55.20 -2.24 0.00	63.30 -2.10 0.00	74.41 -3.26 0.00	84.11 -2.51 0.00	78.85 -2.18 0.00	74.93 -2.72 0.00	63.78 -4.36 0.00	53.36 -1.48 0.00	48.64 -1.05 0.00
INDECK___OSWEGO 23783	47.39 -0.82 0.00	41.42 -0.85 0.00	37.04 -0.76 0.00	34.60 -0.74 0.00	34.50 -0.78 0.00	34.47 -0.78 0.00	35.19 -0.79 0.00	35.73 -0.77 0.00	39.18 -0.84 0.00	43.28 -0.93 0.00	45.06 -0.97 0.00	46.70 -1.00 0.00	49.59 -1.17 0.00	52.63 -1.13 0.00	53.59 -1.21 0.00	56.24 -1.21 0.00	64.15 -1.24 0.00	76.03 -1.63 0.00	85.07 -1.56 0.00	79.65 -1.38 0.00	76.25 -1.40 0.00	66.50 -1.64 0.00	53.85 -0.99 0.00	48.84 -0.84 0.00
INDECK___YERKES 23781	47.82 -0.39 0.00	41.72 -0.55 0.00	37.11 -0.68 0.00	34.50 -0.85 0.00	34.22 -1.06 0.00	34.05 -1.20 0.00	34.98 -1.01 0.00	36.02 -0.48 0.00	38.90 -1.12 0.00	42.62 -1.59 0.00	43.63 -2.40 0.00	45.27 -2.43 0.00	47.65 -3.10 0.00	50.81 -2.96 0.00	51.62 -3.18 0.00	54.80 -2.64 0.00	62.71 -2.68 0.00	73.16 -4.51 0.00	82.56 -4.07 0.00	77.70 -3.33 0.00	73.77 -3.88 0.00	62.49 -5.65 0.00	52.92 -1.92 0.00	48.44 -1.24 0.00
INDIAN POINT_GT_1 24139	50.72 2.51 0.00	44.68 2.41 0.00	39.87 2.08 0.00	37.39 2.05 0.00	37.33 2.05 0.00	37.36 2.11 0.00	38.11 2.12 0.00	38.65 2.15 0.00	42.70 2.68 0.00	47.35 3.14 0.00	49.38 3.36 0.00	51.28 3.58 0.00	54.66 3.91 0.00	57.69 3.92 0.00	59.07 4.27 0.00	61.93 4.48 0.00	70.69 5.30 0.00	83.80 6.14 0.00	93.04 6.41 0.00	86.14 5.10 0.00	82.15 4.50 0.00	71.14 3.00 0.00	57.69 2.85 0.00	52.66 2.98 0.00
INDIAN POINT_GT_2 23659	50.72 2.51 0.00	44.68 2.41 0.00	39.87 2.08 0.00	37.39 2.05 0.00	37.33 2.05 0.00	37.36 2.11 0.00	38.11 2.12 0.00	38.65 2.15 0.00	42.70 2.68 0.00	47.35 3.14 0.00	49.38 3.36 0.00	51.28 3.58 0.00	54.66 3.91 0.00	57.69 3.92 0.00	59.07 4.27 0.00	61.93 4.48 0.00	70.69 5.30 0.00	83.80 6.14 0.00	93.04 6.41 0.00	86.14 5.10 0.00	82.15 4.50 0.00	71.14 3.00 0.00	57.69 2.85 0.00	52.66 2.98 0.00
INDIAN POINT_GT_3 24019	50.72 2.51 0.00	44.68 2.41 0.00	39.87 2.08 0.00	37.39 2.05 0.00	37.33 2.05 0.00	37.36 2.11 0.00	38.11 2.12 0.00	38.65 2.15 0.00	42.70 2.68 0.00	47.35 3.14 0.00	49.38 3.36 0.00	51.28 3.58 0.00	54.66 3.91 0.00	57.69 3.92 0.00	59.07 4.27 0.00	61.93 4.48 0.00	70.69 5.30 0.00	83.80 6.14 0.00	93.04 6.41 0.00	86.14 5.10 0.00	82.15 4.50 0.00	71.14 3.00 0.00	57.69 2.85 0.00	52.66 2.98 0.00
INDIAN POINT___2 23530	50.67 2.46 0.00	44.59 2.32 0.00	39.83 2.04 0.00	37.36 2.01 0.00	37.29 2.01 0.00	37.32 2.08 0.00	38.07 2.09 0.00	38.62 2.12 0.00	42.62 2.60 0.00	47.26 3.05 0.00	49.34 3.32 0.00	51.19 3.48 0.00	54.61 3.86 0.00	57.64 3.87 0.00	58.96 4.16 0.00	61.81 4.36 0.00	70.56 5.17 0.00	83.65 5.98 0.00	92.87 6.24 0.00	86.06 5.03 0.00	81.99 4.35 0.00	71.07 2.93 0.00	57.47 2.63 0.00	52.61 2.93 0.00
INDIAN POINT___3 23531	50.67 2.46 0.00	44.63 2.37 0.00	39.83 2.04 0.00	37.36 2.01 0.00	37.29 2.01 0.00	37.32 2.08 0.00	38.07 2.09 0.00	38.62 2.12 0.00	42.62 2.60 0.00	47.26 3.05 0.00	49.29 3.27 0.00	51.19 3.48 0.00	54.51 3.76 0.00	57.58 3.82 0.00	58.91 4.11 0.00	61.81 4.37 0.00	70.50 5.10 0.00	83.57 5.90 0.00	92.78 6.15 0.00	85.97 4.94 0.00	81.92 4.27 0.00	71.00 2.86 0.00	57.64 2.80 0.00	52.57 2.88 0.00
INGHAM_C_115KV_TB7 356103	48.26 0.05 0.00	42.31 0.04 0.00	37.79 0.00 0.00	35.31 -0.04 0.00	35.24 -0.04 0.00	35.21 -0.04 0.00	35.95 -0.04 0.00	36.46 -0.04 0.00	40.06 0.04 0.00	44.25 0.04 0.00	46.02 0.00 0.00	47.66 -0.05 0.00	50.65 -0.10 0.00	53.60 -0.16 0.00	54.47 -0.33 0.00	57.10 -0.34 0.00	64.87 -0.52 0.00	77.20 -0.47 0.00	86.37 -0.26 0.00	80.87 -0.16 0.00	77.49 -0.16 0.00	68.07 -0.07 0.00	54.78 -0.05 0.00	49.73 0.05 0.00
IP CORINTH___1 23988	50.48 2.27 0.00	44.30 2.03 0.00	39.60 1.81 0.00	37.04 1.70 0.00	37.01 1.73 0.00	36.87 1.62 0.00	37.60 1.62 0.00	38.25 1.75 0.00	41.98 1.96 0.00	46.33 2.12 0.00	47.73 1.70 0.00	49.57 1.86 0.00	52.68 1.93 0.00	55.97 2.20 0.00	57.04 2.25 0.00	59.80 2.36 0.00	68.14 2.75 0.00	81.47 3.81 0.00	91.74 5.11 0.00	85.65 4.62 0.00	82.38 4.74 0.00	71.48 3.34 0.00	57.69 2.85 0.00	52.27 2.58 0.00
IP___TICONDEROGA 23804	52.17 3.95 0.00	45.69 3.42 0.00	40.81 3.02 0.00	38.17 2.83 0.00	38.14 2.86 0.00	37.92 2.68 0.00	38.68 2.70 0.00	39.35 2.85 0.00	43.18 3.16 0.00	47.79 3.58 0.00	49.20 3.18 0.00	51.09 3.39 0.00	54.30 3.55 0.00	57.90 4.14 0.00	58.80 4.00 0.00	61.58 4.14 0.00	70.43 5.04 0.00	84.42 6.76 0.00	95.37 8.75 0.00	89.21 8.18 0.00	86.03 8.39 0.00	74.21 6.06 0.00	59.88 5.05 0.00	54.20 4.52 0.00
ISLIP_RES_REC 323679	52.17 3.95 0.00	46.59 4.31 -0.01	41.61 3.82 -0.01	38.89 3.53 -0.01	38.85 3.56 -0.01	38.92 3.67 -0.01	39.73 3.74 -0.01	40.23 3.72 -0.01	44.55 4.52 -0.01	49.52 5.30 -0.01	54.51 5.38 -3.10	56.64 5.72 -3.21	58.89 6.19 -1.95	61.77 6.07 -1.93	84.89 6.52 -23.58	87.60 6.83 -23.33	108.99 8.17 -35.42	235.20 9.39 -148.14	243.30 9.96 -146.72	94.31 8.67 -4.60	86.64 7.45 -1.54	75.30 5.45 -1.70	61.38 4.17 -2.37	54.51 4.82 -0.01

JAMAICA__27_KV_LOAD 355505	51.44 3.23 0.00	45.35 3.09 0.00	40.36 2.57 0.00	37.85 2.51 0.00	37.82 2.54 0.00	37.89 2.64 0.00	38.75 2.77 0.00	39.42 2.92 0.00	43.66 3.64 0.00	48.54 4.33 0.00	50.40 4.37 0.00	52.33 4.63 0.00	55.83 5.08 0.00	58.93 5.16 0.00	60.28 5.48 0.00	63.25 5.80 0.00	72.20 6.80 0.00	85.51 7.84 0.00	94.94 8.32 0.00	87.92 6.89 0.00	83.78 6.13 0.00	72.16 4.02 0.00	58.90 4.06 0.00	53.66 3.97 0.00
JANIS__SOLAR 323808	50.53 2.31 0.00	44.04 1.77 0.00	39.34 1.55 0.00	36.65 1.31 0.00	36.51 1.23 0.00	36.51 1.27 0.00	37.38 1.40 0.00	37.89 1.39 0.00	41.38 1.36 0.00	45.49 1.28 0.00	47.13 1.10 0.00	48.71 1.00 0.00	51.67 0.91 0.00	54.84 1.07 0.00	55.56 0.77 0.00	58.48 1.04 0.00	66.96 1.57 0.00	80.00 2.33 0.00	90.61 3.99 0.00	85.32 4.29 0.00	81.68 4.04 0.00	70.94 2.79 0.00	57.47 2.63 0.00	52.07 2.38 0.00
JARVIS____ 23743	48.50 0.29 0.00	42.52 0.26 0.00	38.02 0.23 0.00	35.56 0.21 0.00	35.49 0.21 0.00	35.46 0.21 0.00	36.20 0.22 0.00	36.72 0.22 0.00	40.30 0.28 0.00	44.48 0.27 0.00	46.30 0.28 0.00	47.99 0.29 0.00	51.06 0.31 0.00	54.14 0.38 0.00	55.18 0.39 0.00	57.85 0.40 0.00	65.86 0.46 0.00	78.21 0.55 0.00	87.24 0.61 0.00	81.60 0.57 0.00	78.11 0.47 0.00	68.35 0.21 0.00	55.11 0.28 0.00	49.98 0.30 0.00
JENNISON____1 23625	50.82 2.60 0.00	44.38 2.11 0.00	39.68 1.89 0.00	36.93 1.59 0.00	36.83 1.55 0.00	36.87 1.62 0.00	37.67 1.69 0.00	38.25 1.75 0.00	41.98 1.96 0.00	46.24 2.03 0.00	48.05 2.03 0.00	49.76 2.05 0.00	52.88 2.13 0.00	56.13 2.37 0.00	56.71 1.92 0.00	59.63 2.18 0.00	68.14 2.75 0.00	81.08 3.42 0.00	91.56 4.94 0.00	85.89 4.86 0.00	81.99 4.35 0.00	71.34 3.20 0.00	57.58 2.74 0.00	52.27 2.58 0.00
JENNISON____2 23626	50.82 2.60 0.00	44.38 2.11 0.00	39.68 1.89 0.00	36.93 1.59 0.00	36.83 1.55 0.00	36.87 1.62 0.00	37.67 1.69 0.00	38.25 1.75 0.00	41.98 1.96 0.00	46.24 2.03 0.00	48.05 2.03 0.00	49.76 2.05 0.00	52.88 2.13 0.00	56.13 2.37 0.00	56.71 1.92 0.00	59.63 2.18 0.00	68.14 2.75 0.00	81.08 3.42 0.00	91.56 4.94 0.00	85.89 4.86 0.00	81.99 4.35 0.00	71.34 3.20 0.00	57.58 2.74 0.00	52.27 2.58 0.00
JERICOHO_RISE_WT_PWR 323719	47.88 -0.34 0.00	41.97 -0.29 0.00	37.53 -0.26 0.00	35.17 -0.18 0.00	35.17 -0.11 0.00	35.14 -0.11 0.00	35.84 -0.14 0.00	36.25 -0.25 0.00	39.46 -0.56 0.00	43.68 -0.53 0.00	45.61 -0.42 0.00	47.18 -0.52 0.00	50.04 -0.71 0.00	52.85 -0.91 0.00	53.64 -1.15 0.00	56.07 -1.38 0.00	63.50 -1.90 0.00	75.65 -2.02 0.00	84.37 -2.25 0.00	79.73 -1.30 0.00	76.79 -0.85 0.00	68.28 0.14 0.00	54.34 -0.49 0.00	48.94 -0.74 0.00
KATONAH__115KV_46KV_TB4 355592	50.96 2.75 0.00	44.80 2.54 0.00	40.02 2.23 0.00	37.46 2.12 0.00	37.43 2.15 0.00	37.43 2.19 0.00	38.21 2.23 0.00	38.76 2.26 0.00	42.86 2.84 0.00	47.57 3.36 0.00	49.61 3.59 0.00	51.52 3.82 0.00	54.96 4.21 0.00	58.12 4.35 0.00	59.40 4.60 0.00	62.33 4.88 0.00	71.28 5.89 0.00	84.50 6.83 0.00	93.73 7.10 0.00	86.62 5.59 0.00	82.62 4.97 0.00	71.55 3.41 0.00	57.96 3.13 0.00	52.86 3.18 0.00
KCE_NY_1 323755	50.86 2.65 0.00	44.59 2.32 0.00	39.87 2.08 0.00	37.29 1.94 0.00	37.22 1.94 0.00	37.15 1.90 0.00	37.89 1.91 0.00	38.43 1.93 0.00	42.18 2.16 0.00	46.55 2.34 0.00	48.28 2.25 0.00	50.09 2.38 0.00	53.34 2.59 0.00	56.67 2.90 0.00	57.75 2.96 0.00	60.55 3.10 0.00	68.99 3.59 0.00	82.33 4.66 0.00	92.09 5.46 0.00	85.81 4.78 0.00	82.38 4.74 0.00	71.61 3.47 0.00	57.85 3.01 0.00	52.51 2.83 0.00
KCE_NY_6_ESR 323823	48.02 -0.19 0.00	41.84 -0.42 0.00	37.18 -0.61 0.00	34.60 -0.74 0.00	34.33 -0.95 0.00	34.15 -1.09 0.00	35.08 -0.90 0.00	36.17 -0.33 0.00	39.10 -0.92 0.00	42.93 -1.28 0.00	43.95 -2.07 0.00	45.61 -2.10 0.00	48.06 -2.69 0.00	51.24 -2.53 0.00	52.11 -2.68 0.00	55.26 -2.18 0.00	63.30 -2.10 0.00	73.94 -3.73 0.00	83.68 -2.95 0.00	78.52 -2.51 0.00	74.62 -3.03 0.00	63.23 -4.91 0.00	53.41 -1.43 0.00	48.79 -0.89 0.00
KEDC_PORT_JEFF_GT2 24210	51.78 3.57 0.00	46.25 3.97 -0.01	41.31 3.52 -0.01	38.64 3.29 -0.01	38.60 3.32 -0.01	38.64 3.38 -0.01	39.48 3.49 -0.01	39.94 3.43 -0.01	44.23 4.20 -0.01	49.17 4.95 -0.01	54.05 4.93 -3.10	55.94 5.25 -2.99	58.18 5.63 -1.80	60.98 5.43 -1.79	82.75 5.81 -22.15	94.92 5.74 -31.73	118.52 6.93 -46.19	266.30 8.00 -180.63	274.15 8.32 -179.21	93.46 7.05 -5.38	85.10 6.06 -1.39	74.26 4.57 -1.56	60.59 3.56 -2.19	54.06 4.37 -0.01
KEDC_PORT_JEFF_GT3 24211	51.78 3.57 0.00	46.25 3.97 -0.01	41.31 3.52 -0.01	38.64 3.29 -0.01	38.60 3.32 -0.01	38.64 3.38 -0.01	39.48 3.49 -0.01	39.94 3.43 -0.01	44.23 4.20 -0.01	49.17 4.95 -0.01	54.05 4.93 -3.10	55.94 5.25 -2.99	58.18 5.63 -1.80	60.98 5.43 -1.79	82.75 5.81 -22.15	94.92 5.74 -31.73	118.52 6.93 -46.19	266.30 8.00 -180.63	274.15 8.32 -179.21	93.46 7.05 -5.38	85.10 6.06 -1.39	74.26 4.57 -1.56	60.59 3.56 -2.19	54.06 4.37 -0.01
KEDC_GLWD_GT4 24219	51.59 3.37 0.00	45.57 3.30 -0.01	40.71 2.91 -0.01	38.14 2.79 -0.01	38.11 2.82 -0.01	38.11 2.85 -0.01	38.87 2.88 -0.01	39.46 2.96 -0.01	43.59 3.56 -0.01	48.42 4.20 -0.01	53.59 4.46 -3.10	64.60 4.72 -12.17	63.51 4.87 -7.88	66.46 4.89 -7.80	70.88 5.26 -10.83	73.99 5.52 -11.03	87.47 6.54 -15.53	95.76 7.53 -10.56	100.92 7.88 -6.42	95.46 6.56 -7.87	89.94 5.75 -6.55	79.18 3.95 -7.09	68.45 3.84 -9.78	53.71 4.02 -0.01
KEDC_GLWD_GT5 24220	51.59 3.37 0.00	45.57 3.30 -0.01	40.71 2.91 -0.01	38.14 2.79 -0.01	38.11 2.82 -0.01	38.11 2.85 -0.01	38.87 2.88 -0.01	39.46 2.96 -0.01	43.59 3.56 -0.01	48.42 4.20 -0.01	53.59 4.46 -3.10	64.60 4.72 -12.17	63.51 4.87 -7.88	66.46 4.89 -7.80	70.88 5.26 -10.83	73.99 5.52 -11.03	87.47 6.54 -15.53	95.76 7.53 -10.56	100.92 7.88 -6.42	95.46 6.56 -7.87	89.94 5.75 -6.55	79.18 3.95 -7.09	68.45 3.84 -9.78	53.71 4.02 -0.01
KENSICO____ 23655	50.91 2.70 0.00	44.85 2.58 0.00	40.02 2.23 0.00	37.50 2.16 0.00	37.47 2.19 0.00	37.47 2.22 0.00	38.25 2.27 0.00	38.80 2.30 0.00	42.86 2.84 0.00	47.57 3.36 0.00	49.61 3.59 0.00	51.52 3.82 0.00	54.86 4.11 0.00	57.96 4.19 0.00	59.29 4.49 0.00	62.21 4.77 0.00	71.02 5.62 0.00	84.19 6.52 0.00	93.38 6.76 0.00	86.46 5.43 0.00	82.38 4.74 0.00	71.34 3.20 0.00	57.91 3.07 0.00	52.86 3.18 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.11 2.89 0.00	44.85 2.58 0.00	40.02 2.23 0.00	37.46 2.12 0.00	37.43 2.15 0.00	37.40 2.15 0.00	38.07 2.09 0.00	38.54 2.04 0.00	42.54 2.52 0.00	47.17 2.96 0.00	49.25 3.22 0.00	51.04 3.34 0.00	54.46 3.70 0.00	57.58 3.82 0.00	58.85 4.05 0.00	61.75 4.31 0.00	70.63 5.23 0.00	83.96 6.29 0.00	93.64 7.02 0.00	87.11 6.08 0.00	83.00 5.36 0.00	72.02 3.88 0.00	58.35 3.51 0.00	53.01 3.33 0.00

KIAC_JFK_GT1 23816	50.96 2.75 0.00	44.93 2.66 0.00	40.02 2.23 0.00	37.50 2.16 0.00	37.50 2.22 0.00	37.54 2.29 0.00	38.39 2.41 0.00	39.05 2.55 0.00	43.26 3.24 0.00	48.10 3.89 0.00	49.94 3.91 0.00	51.86 4.15 0.00	55.32 4.57 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.48 6.08 0.00	84.74 7.07 0.00	93.99 7.36 0.00	87.03 6.00 0.00	82.93 5.28 0.00	71.41 3.27 0.00	58.35 3.51 0.00	53.16 3.48 0.00
KIAC_JFK_GT2 23817	50.96 2.75 0.00	44.93 2.66 0.00	40.02 2.23 0.00	37.50 2.16 0.00	37.50 2.22 0.00	37.54 2.29 0.00	38.39 2.41 0.00	39.05 2.55 0.00	43.26 3.24 0.00	48.10 3.89 0.00	49.94 3.91 0.00	51.86 4.15 0.00	55.32 4.57 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.48 6.08 0.00	84.74 7.07 0.00	93.99 7.36 0.00	87.03 6.00 0.00	82.93 5.28 0.00	71.41 3.27 0.00	58.35 3.51 0.00	53.16 3.48 0.00
KIAC_JFK____ 323774	50.96 2.75 0.00	44.89 2.62 0.00	40.02 2.23 0.00	37.50 2.16 0.00	37.50 2.22 0.00	37.53 2.29 0.00	38.39 2.41 0.00	39.05 2.55 0.00	43.26 3.24 0.00	48.10 3.89 0.00	49.93 3.91 0.00	51.85 4.15 0.00	55.37 4.62 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.48 6.08 0.00	84.73 7.07 0.00	93.98 7.36 0.00	87.03 6.00 0.00	82.93 5.28 0.00	71.48 3.34 0.00	58.07 3.23 0.00	53.11 3.43 0.00
KINTIGH__24_KV_GSU 356498	47.39 -0.82 0.00	41.34 -0.93 0.00	36.81 -0.98 0.00	34.28 -1.06 0.00	34.04 -1.24 0.00	33.87 -1.38 0.00	34.76 -1.22 0.00	35.73 -0.77 0.00	38.78 -1.24 0.00	42.53 -1.68 0.00	43.72 -2.30 0.00	45.32 -2.38 0.00	47.86 -2.89 0.00	50.97 -2.80 0.00	51.78 -3.01 0.00	54.80 -2.64 0.00	62.71 -2.68 0.00	73.24 -4.42 0.00	82.64 -3.98 0.00	77.63 -3.40 0.00	73.77 -3.88 0.00	62.90 -5.25 0.00	52.81 -2.03 0.00	48.24 -1.44 0.00
KINTIGH____ 23543	47.39 -0.82 0.00	41.17 -1.10 0.00	36.81 -0.98 0.00	34.28 -1.06 0.00	34.04 -1.23 0.00	33.87 -1.37 0.00	34.76 -1.22 0.00	35.73 -0.77 0.00	38.78 -1.24 0.00	42.44 -1.77 0.00	43.72 -2.30 0.00	45.32 -2.39 0.00	48.06 -2.69 0.00	50.97 -2.80 0.00	51.78 -3.01 0.00	54.63 -2.81 0.00	62.72 -2.68 0.00	73.24 -4.43 0.00	82.73 -3.90 0.00	77.63 -3.40 0.00	73.53 -4.12 0.00	62.83 -5.31 0.00	52.04 -2.80 0.00	47.90 -1.79 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	48.55 0.34 0.00	42.52 0.25 0.00	38.02 0.23 0.00	35.59 0.25 0.00	35.63 0.35 0.00	35.56 0.32 0.00	36.31 0.32 0.00	36.72 0.22 0.00	39.90 -0.12 0.00	44.21 0.00 0.00	46.21 0.18 0.00	47.75 0.05 0.00	50.50 -0.25 0.00	53.33 -0.43 0.00	54.08 -0.71 0.00	56.53 -0.92 0.00	63.89 -1.50 0.00	76.19 -1.48 0.00	85.07 -1.56 0.00	80.79 -0.24 0.00	77.88 0.23 0.00	69.16 1.02 0.00	55.00 0.16 0.00	49.83 0.15 0.00
LACHUTE____HYDRO 323717	52.17 3.95 0.00	45.69 3.42 0.00	40.82 3.02 0.00	38.17 2.83 0.00	38.14 2.86 0.00	37.92 2.68 0.00	38.68 2.70 0.00	39.35 2.85 0.00	43.18 3.16 0.00	47.79 3.58 0.00	49.20 3.17 0.00	51.09 3.39 0.00	54.30 3.55 0.00	57.91 4.14 0.00	58.79 4.00 0.00	61.58 4.14 0.00	70.43 5.04 0.00	84.42 6.75 0.00	95.37 8.75 0.00	89.05 8.02 0.00	86.03 8.39 0.00	74.28 6.14 0.00	59.88 5.04 0.00	54.20 4.52 0.00
LAWRNCALV_115KV_TB1 80681	48.55 0.34 0.00	42.56 0.30 0.00	38.06 0.26 0.00	35.56 0.21 0.00	35.56 0.28 0.00	35.56 0.32 0.00	36.31 0.32 0.00	36.68 0.18 0.00	39.90 -0.12 0.00	44.12 -0.09 0.00	45.98 -0.05 0.00	47.56 -0.14 0.00	50.55 -0.20 0.00	53.44 -0.32 0.00	54.25 -0.55 0.00	56.70 -0.75 0.00	64.22 -1.18 0.00	76.74 -0.93 0.00	85.93 -0.69 0.00	81.44 0.41 0.00	78.42 0.78 0.00	69.71 1.57 0.00	55.39 0.55 0.00	49.93 0.25 0.00
LEDERLE____ 23769	50.91 2.70 0.00	44.85 2.58 0.00	39.98 2.19 0.00	37.54 2.19 0.00	37.47 2.19 0.00	37.47 2.22 0.00	38.21 2.23 0.00	38.76 2.26 0.00	42.78 2.76 0.00	47.44 3.23 0.00	49.52 3.50 0.00	51.43 3.72 0.00	54.81 4.06 0.00	57.90 4.14 0.00	59.24 4.44 0.00	62.16 4.71 0.00	70.96 5.56 0.00	84.11 6.45 0.00	93.38 6.76 0.00	86.62 5.59 0.00	82.54 4.89 0.00	71.48 3.34 0.00	58.02 3.18 0.00	52.86 3.18 0.00
LIGHTHSE_115KV_TB6 355974	48.41 0.19 0.00	42.27 0.00 0.00	37.79 0.00 0.00	35.24 -0.11 0.00	35.17 -0.11 0.00	35.10 -0.14 0.00	35.80 -0.18 0.00	36.28 -0.22 0.00	39.74 -0.28 0.00	43.94 -0.27 0.00	45.75 -0.28 0.00	47.32 -0.38 0.00	50.30 -0.46 0.00	53.33 -0.43 0.00	54.19 -0.60 0.00	56.81 -0.63 0.00	64.74 -0.65 0.00	77.05 -0.62 0.00	86.63 0.00 0.00	81.44 0.41 0.00	77.96 0.31 0.00	68.21 0.07 0.00	54.95 0.11 0.00	49.83 0.15 0.00
LINDEN COGEN____ 23786	50.86 2.65 0.00	44.80 2.54 0.00	39.98 2.19 0.00	37.50 2.16 0.00	37.47 2.19 0.00	37.50 2.26 0.00	38.29 2.30 0.00	38.91 2.41 0.00	42.98 2.96 0.00	47.75 3.54 0.00	49.84 3.82 0.00	51.66 3.96 0.00	55.17 4.41 0.00	58.07 4.30 0.00	59.40 4.60 0.00	62.21 4.77 0.00	71.02 5.62 0.00	84.11 6.44 0.00	93.30 6.67 0.00	86.36 5.35 0.02	82.29 4.66 0.02	71.05 2.93 0.02	57.57 2.74 0.01	52.81 3.13 0.01
LINDHRST_69_KV_BK1 356055	52.26 4.05 0.00	46.58 4.31 0.00	41.49 3.70 0.00	38.84 3.50 0.00	38.77 3.49 0.00	38.80 3.56 0.00	39.62 3.63 0.00	40.19 3.69 0.00	44.42 4.40 0.00	49.38 5.17 0.00	54.33 5.20 -3.10	59.42 5.44 -6.28	60.40 5.68 -3.96	63.41 5.81 -3.84	74.81 6.25 -13.77	69.44 6.66 -5.33	80.17 7.78 -6.99	103.69 8.93 -17.09	111.48 9.44 -15.41	92.38 8.10 -3.25	87.50 7.22 -2.63	76.56 5.25 -3.17	64.16 4.55 -4.77	54.75 5.07 0.00
LIPA_MISC_IPP 23656	51.44 3.23 0.00	46.16 3.89 0.00	41.12 3.33 0.00	38.42 3.07 0.00	38.38 3.10 0.00	38.45 3.21 0.00	39.29 3.31 0.00	39.71 3.21 0.00	44.02 4.00 0.00	48.94 4.73 0.00	53.77 4.65 -3.10	55.61 5.01 -2.89	57.62 5.13 -1.74	60.70 5.22 -1.72	75.93 5.59 -15.55	80.99 5.97 -17.57	103.15 7.06 -30.69	238.43 8.16 -152.61	246.51 8.58 -151.31	92.23 7.21 -3.99	85.19 6.21 -1.33	74.06 4.43 -1.50	60.46 3.51 -2.11	54.01 4.32 0.00
LISF____SOLAR 323691	51.59 3.37 0.00	46.08 3.81 -0.01	41.20 3.40 -0.01	38.50 3.14 -0.01	38.46 3.18 -0.01	38.53 3.28 -0.01	39.41 3.42 -0.01	39.79 3.29 -0.01	44.11 4.08 -0.01	48.99 4.78 -0.01	53.91 4.79 -3.10	55.74 5.11 -2.93	58.00 5.48 -1.76	60.83 5.32 -1.74	77.42 5.75 -16.87	82.83 6.03 -19.35	105.19 7.32 -32.47	240.96 8.47 -154.82	249.05 8.92 -153.50	92.90 7.70 -4.16	85.60 6.60 -1.35	74.30 4.64 -1.52	60.44 3.46 -2.14	53.91 4.22 -0.01
LITTLE FALLS____HYD 24013	48.26 0.05 0.00	42.31 0.04 0.00	37.79 0.00 0.00	35.31 -0.04 0.00	35.24 -0.04 0.00	35.21 -0.04 0.00	35.95 -0.04 0.00	36.46 -0.04 0.00	40.06 0.04 0.00	44.25 0.04 0.00	46.02 0.00 0.00	47.66 -0.05 0.00	50.65 -0.10 0.00	53.60 -0.16 0.00	54.47 -0.33 0.00	57.10 -0.34 0.00	64.87 -0.52 0.00	77.20 -0.47 0.00	86.37 -0.26 0.00	80.87 -0.16 0.00	77.49 -0.16 0.00	68.07 -0.07 0.00	54.78 -0.05 0.00	49.73 0.05 0.00

LITTLRIV_115KV_TB1 356100	49.18 0.96 0.00	43.11 0.85 0.00	38.55 0.76 0.00	35.94 0.60 0.00	35.98 0.71 0.00	35.99 0.74 0.00	36.70 0.72 0.00	37.01 0.51 0.00	40.18 0.16 0.00	44.34 0.13 0.00	46.21 0.18 0.00	47.75 0.05 0.00	50.75 0.00 0.00	53.66 -0.11 0.00	54.41 -0.38 0.00	56.93 -0.52 0.00	64.48 -0.92 0.00	77.20 -0.47 0.00	86.80 0.17 0.00	82.49 1.46 0.00	79.59 1.94 0.00	70.80 2.66 0.00	56.10 1.26 0.00	50.53 0.84 0.00
LI_NEWBRDGE___DRP 323616	51.30 3.09 0.00	45.61 3.34 0.00	40.66 2.87 0.00	38.14 2.79 0.00	38.07 2.79 0.00	38.10 2.85 0.00	38.90 2.91 0.00	39.46 2.96 0.00	43.58 3.56 0.00	48.36 4.16 0.00	53.27 4.14 -3.10	52.93 4.34 -0.89	55.78 4.62 -0.41	58.90 4.73 -0.40	60.41 5.04 -0.57	63.37 5.34 -0.58	72.24 6.21 -0.63	85.32 7.22 -0.43	94.45 7.54 -0.28	87.64 6.24 -0.37	83.45 5.51 -0.30	72.30 3.82 -0.34	58.92 3.67 -0.41	53.61 3.93 0.00
LOCKPORT_115KV_TB60_63_64 80432	47.73 -0.48 0.00	41.51 -0.76 0.00	37.11 -0.68 0.00	34.50 -0.85 0.00	34.22 -1.06 0.00	34.05 -1.20 0.00	34.97 -1.01 0.00	36.03 -0.47 0.00	38.78 -1.24 0.00	42.13 -2.08 0.00	43.26 -2.76 0.00	44.84 -2.86 0.00	47.35 -3.40 0.00	50.22 -3.55 0.00	51.02 -3.78 0.00	53.94 -3.50 0.00	61.93 -3.47 0.00	72.15 -5.51 0.00	81.69 -4.94 0.00	76.82 -4.21 0.00	72.60 -5.05 0.00	61.74 -6.41 0.00	51.38 -3.45 0.00	47.80 -1.89 0.00
LOCKPORT___CC1 323769	47.68 -0.53 0.00	41.63 -0.63 0.00	37.04 -0.76 0.00	34.46 -0.88 0.00	34.19 -1.09 0.00	33.98 -1.27 0.00	34.90 -1.08 0.00	35.95 -0.55 0.00	38.78 -1.24 0.00	42.27 -1.94 0.00	43.26 -2.76 0.00	44.84 -2.86 0.00	47.00 -3.76 0.00	50.06 -3.71 0.00	50.91 -3.89 0.00	54.00 -3.45 0.00	61.80 -3.60 0.00	72.00 -5.67 0.00	81.43 -5.20 0.00	76.65 -4.38 0.00	72.67 -4.97 0.00	61.67 -6.47 0.00	52.26 -2.58 0.00	48.05 -1.64 0.00
LOCKPORT___CC2 323770	47.68 -0.53 0.00	41.63 -0.63 0.00	37.04 -0.76 0.00	34.46 -0.88 0.00	34.19 -1.09 0.00	33.98 -1.27 0.00	34.90 -1.08 0.00	35.95 -0.55 0.00	38.78 -1.24 0.00	42.27 -1.94 0.00	43.26 -2.76 0.00	44.84 -2.86 0.00	47.00 -3.76 0.00	50.06 -3.71 0.00	50.91 -3.89 0.00	54.00 -3.45 0.00	61.80 -3.60 0.00	72.00 -5.67 0.00	81.43 -5.20 0.00	76.65 -4.38 0.00	72.67 -4.97 0.00	61.67 -6.47 0.00	52.26 -2.58 0.00	48.05 -1.64 0.00
LOCKPORT___CC3 323771	47.68 -0.53 0.00	41.63 -0.63 0.00	37.04 -0.76 0.00	34.46 -0.88 0.00	34.19 -1.09 0.00	33.98 -1.27 0.00	34.90 -1.08 0.00	35.95 -0.55 0.00	38.78 -1.24 0.00	42.27 -1.94 0.00	43.26 -2.76 0.00	44.84 -2.86 0.00	47.00 -3.76 0.00	50.06 -3.71 0.00	50.91 -3.89 0.00	54.00 -3.45 0.00	61.80 -3.60 0.00	72.00 -5.67 0.00	81.43 -5.20 0.00	76.65 -4.38 0.00	72.67 -4.97 0.00	61.67 -6.47 0.00	52.26 -2.58 0.00	48.05 -1.64 0.00
LOCUSVLY_69_KV_BK2 55797	51.78 3.57 0.00	45.90 3.63 0.00	40.93 3.14 0.00	38.31 2.97 0.00	38.28 3.00 0.00	38.31 3.07 0.00	39.08 3.09 0.00	39.68 3.18 0.00	43.86 3.84 0.00	48.76 4.55 0.00	53.87 4.74 -3.10	62.71 4.96 -10.04	62.50 5.28 -6.47	65.53 5.38 -6.39	69.47 5.81 -8.87	72.67 6.20 -9.02	85.09 7.19 -12.50	94.43 8.31 -8.45	100.49 8.75 -5.11	94.65 7.29 -6.33	89.28 6.37 -5.27	78.39 4.50 -5.75	67.05 4.17 -8.04	54.06 4.37 0.00
LONG_LAKE_PHOENIX 24014	47.68 -0.53 0.00	41.59 -0.68 0.00	37.22 -0.57 0.00	34.78 -0.57 0.00	34.64 -0.64 0.00	34.61 -0.63 0.00	35.37 -0.61 0.00	35.92 -0.58 0.00	39.42 -0.60 0.00	43.55 -0.66 0.00	45.29 -0.74 0.00	46.99 -0.72 0.00	49.94 -0.81 0.00	52.96 -0.81 0.00	53.92 -0.88 0.00	56.58 -0.86 0.00	64.55 -0.85 0.00	76.50 -1.17 0.00	85.50 -1.13 0.00	80.06 -0.97 0.00	76.56 -1.09 0.00	66.78 -1.36 0.00	54.02 -0.82 0.00	48.99 -0.70 0.00
LOVETT___3 23632	50.57 2.36 0.00	44.55 2.28 0.00	39.76 1.97 0.00	37.29 1.94 0.00	37.26 1.98 0.00	37.25 2.01 0.00	38.00 2.02 0.00	38.54 2.04 0.00	42.54 2.52 0.00	47.17 2.96 0.00	49.20 3.18 0.00	51.09 3.39 0.00	54.41 3.65 0.00	57.47 3.71 0.00	58.80 4.00 0.00	61.70 4.25 0.00	70.37 4.97 0.00	83.41 5.75 0.00	92.60 5.98 0.00	85.81 4.78 0.00	81.76 4.12 0.00	70.87 2.73 0.00	57.53 2.69 0.00	52.52 2.83 0.00
LOVETT___4 23642	50.57 2.36 0.00	44.55 2.28 0.00	39.76 1.97 0.00	37.29 1.94 0.00	37.26 1.98 0.00	37.25 2.01 0.00	38.00 2.02 0.00	38.54 2.04 0.00	42.54 2.52 0.00	47.17 2.96 0.00	49.20 3.18 0.00	51.09 3.39 0.00	54.41 3.65 0.00	57.47 3.71 0.00	58.80 4.00 0.00	61.70 4.25 0.00	70.37 4.97 0.00	83.41 5.75 0.00	92.60 5.98 0.00	85.81 4.78 0.00	81.76 4.12 0.00	70.87 2.73 0.00	57.53 2.69 0.00	52.52 2.83 0.00
LOVETT___5 23593	50.57 2.36 0.00	44.55 2.28 0.00	39.76 1.97 0.00	37.29 1.94 0.00	37.26 1.98 0.00	37.25 2.01 0.00	38.00 2.02 0.00	38.54 2.04 0.00	42.54 2.52 0.00	47.17 2.96 0.00	49.20 3.18 0.00	51.09 3.39 0.00	54.41 3.65 0.00	57.47 3.71 0.00	58.80 4.00 0.00	61.70 4.25 0.00	70.37 4.97 0.00	83.41 5.75 0.00	92.60 5.98 0.00	85.81 4.78 0.00	81.76 4.12 0.00	70.87 2.73 0.00	57.53 2.69 0.00	52.52 2.83 0.00
LOWER RAQUET___HYD 24057	48.65 0.43 0.00	42.65 0.38 0.00	38.13 0.34 0.00	35.63 0.28 0.00	35.63 0.35 0.00	35.63 0.39 0.00	36.38 0.40 0.00	36.72 0.22 0.00	39.94 -0.08 0.00	44.17 -0.04 0.00	46.02 0.00 0.00	47.61 -0.10 0.00	50.60 -0.15 0.00	53.44 -0.32 0.00	54.25 -0.55 0.00	56.70 -0.75 0.00	64.22 -1.18 0.00	76.74 -0.93 0.00	86.11 -0.52 0.00	81.60 0.57 0.00	78.58 0.94 0.00	69.84 1.70 0.00	55.44 0.60 0.00	49.93 0.25 0.00
LOWER___HUDSON 24059	50.33 2.12 0.00	44.17 1.90 0.00	39.53 1.74 0.00	36.97 1.63 0.00	36.94 1.66 0.00	36.87 1.62 0.00	37.60 1.62 0.00	38.14 1.64 0.00	41.90 1.88 0.00	46.20 1.99 0.00	48.00 1.98 0.00	49.80 2.10 0.00	53.04 2.29 0.00	56.24 2.47 0.00	57.48 2.68 0.00	60.26 2.81 0.00	68.67 3.27 0.00	81.70 4.04 0.00	90.95 4.33 0.00	84.76 3.73 0.00	81.14 3.50 0.00	70.73 2.59 0.00	57.09 2.25 0.00	51.87 2.18 0.00
LOWVILLE_115KV_TB2 356335	49.56 1.35 0.00	43.24 0.97 0.00	38.74 0.94 0.00	36.09 0.74 0.00	36.09 0.81 0.00	36.37 1.13 0.00	37.10 1.12 0.00	37.45 0.95 0.00	40.98 0.96 0.00	45.14 0.93 0.00	46.90 0.87 0.00	48.13 0.43 0.00	51.11 0.36 0.00	54.14 0.38 0.00	54.80 0.00 0.00	57.50 0.06 0.00	65.53 0.13 0.00	78.60 0.93 0.00	88.88 2.25 0.00	83.95 2.92 0.00	80.60 2.95 0.00	70.66 2.52 0.00	56.43 1.59 0.00	51.07 1.39 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	50.82 2.60 0.00	44.55 2.28 0.00	39.83 2.04 0.00	37.25 1.91 0.00	37.22 1.94 0.00	37.11 1.87 0.00	37.85 1.87 0.00	38.43 1.93 0.00	42.18 2.16 0.00	46.55 2.34 0.00	48.28 2.26 0.00	50.04 2.34 0.00	53.29 2.54 0.00	56.61 2.85 0.00	57.76 2.96 0.00	60.49 3.04 0.00	68.99 3.60 0.00	82.25 4.58 0.00	92.00 5.37 0.00	85.81 4.78 0.00	82.30 4.66 0.00	71.55 3.41 0.00	57.86 3.02 0.00	52.47 2.78 0.00

LUTHERNY_35_KV_BK2 355980	50.86 2.65 0.00	44.59 2.32 0.00	39.87 2.08 0.00	37.29 1.94 0.00	37.22 1.94 0.00	37.15 1.90 0.00	37.89 1.91 0.00	38.43 1.93 0.00	42.18 2.16 0.00	46.55 2.34 0.00	48.28 2.26 0.00	50.09 2.39 0.00	53.34 2.59 0.00	56.61 2.85 0.00	57.76 2.96 0.00	60.55 3.10 0.00	68.99 3.60 0.00	82.33 4.66 0.00	92.08 5.46 0.00	85.89 4.86 0.00	82.38 4.74 0.00	71.62 3.48 0.00	57.91 3.07 0.00	52.52 2.83 0.00
LWR___OSWEGATCHIE_HYD 23850	49.08 0.87 0.00	42.90 0.63 0.00	38.40 0.60 0.00	35.77 0.42 0.00	35.81 0.53 0.00	35.91 0.67 0.00	36.63 0.65 0.00	36.97 0.47 0.00	40.34 0.32 0.00	44.52 0.31 0.00	46.30 0.28 0.00	47.75 0.05 0.00	50.75 0.00 0.00	53.71 -0.05 0.00	54.41 -0.38 0.00	56.99 -0.46 0.00	64.81 -0.59 0.00	77.59 -0.08 0.00	87.49 0.87 0.00	82.73 1.70 0.00	79.66 2.02 0.00	70.25 2.11 0.00	55.94 1.10 0.00	50.53 0.84 0.00
LYONS_FALL_HYD 23570	49.56 1.35 0.00	43.28 1.01 0.00	38.74 0.95 0.00	36.09 0.74 0.00	36.09 0.81 0.00	36.27 1.02 0.00	36.99 1.01 0.00	37.41 0.91 0.00	40.98 0.96 0.00	45.18 0.97 0.00	46.99 0.97 0.00	48.37 0.67 0.00	51.46 0.71 0.00	54.52 0.75 0.00	55.29 0.49 0.00	57.96 0.52 0.00	66.05 0.65 0.00	78.99 1.32 0.00	89.05 2.42 0.00	83.79 2.76 0.00	80.36 2.72 0.00	70.39 2.25 0.00	56.43 1.59 0.00	51.07 1.39 0.00
MADISON___COUNTY_LFGE 323628	49.66 1.45 0.00	43.41 1.14 0.00	38.81 1.02 0.00	36.16 0.81 0.00	36.09 0.81 0.00	36.09 0.85 0.00	36.85 0.86 0.00	37.34 0.84 0.00	40.98 0.96 0.00	45.18 0.97 0.00	46.99 0.97 0.00	48.66 0.95 0.00	51.82 1.07 0.00	55.00 1.24 0.00	55.78 0.99 0.00	58.54 1.09 0.00	66.84 1.44 0.00	79.61 1.94 0.00	89.40 2.77 0.00	83.87 2.84 0.00	80.21 2.56 0.00	70.05 1.91 0.00	56.37 1.54 0.00	51.12 1.44 0.00
MALONE___115KV_TB1 356076	48.74 0.53 0.00	42.69 0.42 0.00	38.17 0.38 0.00	35.70 0.35 0.00	35.74 0.46 0.00	35.70 0.46 0.00	36.49 0.50 0.00	36.86 0.36 0.00	40.06 0.04 0.00	44.39 0.18 0.00	46.39 0.37 0.00	47.94 0.24 0.00	50.90 0.15 0.00	53.71 -0.05 0.00	54.52 -0.27 0.00	56.99 -0.46 0.00	64.35 -1.05 0.00	76.81 -0.85 0.00	85.85 -0.78 0.00	81.60 0.57 0.00	78.66 1.01 0.00	69.91 1.77 0.00	55.50 0.66 0.00	50.03 0.35 0.00
MAPLEWOD_115KV_TB3 80458	49.95 1.74 0.00	43.83 1.56 0.00	39.26 1.47 0.00	36.76 1.41 0.00	36.69 1.41 0.00	36.62 1.37 0.00	37.35 1.37 0.00	37.85 1.35 0.00	41.58 1.56 0.00	45.89 1.68 0.00	47.73 1.70 0.00	49.47 1.77 0.00	52.73 1.98 0.00	55.92 2.15 0.00	57.15 2.36 0.00	59.92 2.47 0.00	68.21 2.81 0.00	81.16 3.50 0.00	90.35 3.72 0.00	84.11 3.08 0.00	80.52 2.87 0.00	70.12 1.98 0.00	56.76 1.92 0.00	51.52 1.84 0.00
MAPLE_RIDGE_WT_1 323574	47.92 -0.29 0.00	42.01 -0.25 0.00	37.57 -0.23 0.00	35.13 -0.21 0.00	35.10 -0.18 0.00	35.07 -0.18 0.00	35.80 -0.18 0.00	36.28 -0.22 0.00	39.74 -0.28 0.00	43.90 -0.31 0.00	45.70 -0.32 0.00	47.37 -0.33 0.00	50.40 -0.35 0.00	53.33 -0.43 0.00	54.36 -0.44 0.00	56.93 -0.52 0.00	64.81 -0.59 0.00	77.04 -0.62 0.00	85.93 -0.70 0.00	80.55 -0.48 0.00	77.26 -0.39 0.00	67.94 -0.20 0.00	54.46 -0.38 0.00	49.24 -0.45 0.00
MAPLE_RIDGE_WT_2 323611	47.92 -0.29 0.00	42.01 -0.25 0.00	37.57 -0.23 0.00	35.13 -0.21 0.00	35.10 -0.18 0.00	35.07 -0.18 0.00	35.80 -0.18 0.00	36.28 -0.22 0.00	39.74 -0.28 0.00	43.90 -0.31 0.00	45.70 -0.32 0.00	47.37 -0.33 0.00	50.40 -0.35 0.00	53.33 -0.43 0.00	54.36 -0.44 0.00	56.93 -0.52 0.00	64.81 -0.59 0.00	77.04 -0.62 0.00	85.93 -0.70 0.00	80.55 -0.48 0.00	77.26 -0.39 0.00	67.94 -0.20 0.00	54.46 -0.38 0.00	49.24 -0.45 0.00
MARBLE_RIVER_WT_PWR 323696	47.97 -0.24 0.00	42.01 -0.25 0.00	37.60 -0.19 0.00	35.20 -0.14 0.00	35.21 -0.07 0.00	35.17 -0.07 0.00	35.91 -0.07 0.00	36.28 -0.22 0.00	39.54 -0.48 0.00	43.77 -0.44 0.00	45.65 -0.37 0.00	47.27 -0.43 0.00	50.04 -0.71 0.00	52.90 -0.86 0.00	53.70 -1.10 0.00	56.13 -1.32 0.00	63.50 -1.90 0.00	75.73 -1.94 0.00	84.46 -2.16 0.00	79.73 -1.30 0.00	76.79 -0.85 0.00	68.21 0.07 0.00	54.34 -0.49 0.00	48.99 -0.70 0.00
MARSHVLE_115KV_TB1 80742	52.21 4.00 0.00	45.73 3.47 0.00	40.81 3.02 0.00	38.14 2.79 0.00	38.07 2.79 0.00	37.99 2.75 0.00	38.61 2.63 0.00	38.98 2.48 0.00	42.58 2.56 0.00	46.95 2.74 0.00	48.74 2.72 0.00	50.52 2.81 0.00	53.64 2.89 0.00	56.99 3.23 0.00	57.87 3.07 0.00	60.66 3.22 0.00	69.26 3.86 0.00	83.10 5.44 0.00	93.73 7.10 0.00	88.49 7.45 0.00	85.25 7.61 0.00	73.93 5.79 0.00	59.66 4.83 0.00	54.06 4.37 0.00
MARSH_HILL_WT_PWR 323713	48.65 0.43 0.00	42.18 -0.08 0.00	37.57 -0.23 0.00	35.03 -0.32 0.00	34.79 -0.49 0.00	34.75 -0.49 0.00	35.62 -0.36 0.00	36.43 -0.07 0.00	39.58 -0.44 0.00	43.55 -0.66 0.00	44.69 -1.34 0.00	46.18 -1.53 0.00	48.62 -2.13 0.00	51.61 -2.15 0.00	52.50 -2.30 0.00	55.43 -2.01 0.00	63.70 -1.70 0.00	75.18 -2.49 0.00	85.50 -1.13 0.00	80.71 -0.32 0.00	77.26 -0.39 0.00	66.03 -2.11 0.00	54.73 -0.11 0.00	49.73 0.05 0.00
MCINTYRE_115KV_TB2 80467	49.27 1.06 0.00	43.24 0.97 0.00	38.66 0.87 0.00	36.05 0.71 0.00	36.09 0.81 0.00	36.09 0.85 0.00	36.77 0.79 0.00	37.05 0.55 0.00	40.18 0.16 0.00	44.25 0.04 0.00	46.12 0.09 0.00	47.66 -0.05 0.00	50.70 -0.05 0.00	53.55 -0.22 0.00	54.36 -0.44 0.00	56.87 -0.57 0.00	64.48 -0.92 0.00	77.28 -0.39 0.00	86.89 0.26 0.00	82.73 1.70 0.00	79.90 2.25 0.00	71.07 2.93 0.00	56.32 1.48 0.00	50.73 1.04 0.00
MECO_____69_KV_BK1 80468	52.60 4.39 0.00	46.07 3.80 0.00	41.12 3.33 0.00	38.42 3.07 0.00	38.38 3.10 0.00	38.24 3.00 0.00	38.93 2.95 0.00	39.49 2.99 0.00	43.18 3.16 0.00	47.61 3.40 0.00	49.34 3.31 0.00	51.14 3.43 0.00	54.36 3.60 0.00	57.85 4.09 0.00	58.80 4.00 0.00	61.64 4.19 0.00	70.43 5.04 0.00	84.50 6.83 0.00	95.20 8.58 0.00	89.46 8.43 0.00	86.03 8.39 0.00	74.55 6.41 0.00	60.16 5.32 0.00	54.50 4.82 0.00
MENANDS___115KV_TB5 355628	49.66 1.45 0.00	43.58 1.31 0.00	39.08 1.28 0.00	36.58 1.24 0.00	36.51 1.23 0.00	36.48 1.23 0.00	37.17 1.19 0.00	37.70 1.20 0.00	41.42 1.40 0.00	45.71 1.50 0.00	47.50 1.47 0.00	49.23 1.53 0.00	52.48 1.73 0.00	55.65 1.88 0.00	56.88 2.08 0.00	59.63 2.18 0.00	67.88 2.49 0.00	80.70 3.03 0.00	89.74 3.12 0.00	83.54 2.51 0.00	79.90 2.25 0.00	69.64 1.50 0.00	56.37 1.54 0.00	51.17 1.49 0.00
MG INDUSTRY___DRP 24185	49.61 1.40 0.00	43.53 1.27 0.00	39.00 1.21 0.00	36.51 1.17 0.00	36.44 1.16 0.00	36.41 1.16 0.00	37.10 1.12 0.00	37.59 1.09 0.00	41.26 1.24 0.00	45.49 1.28 0.00	47.27 1.24 0.00	48.95 1.24 0.00	52.12 1.37 0.00	55.27 1.51 0.00	56.44 1.64 0.00	59.17 1.72 0.00	67.36 1.96 0.00	80.08 2.41 0.00	89.14 2.51 0.00	83.14 2.11 0.00	79.66 2.02 0.00	69.50 1.36 0.00	56.26 1.43 0.00	51.12 1.44 0.00

MID___OSWEGATCHIE_HYD 23849	49.08 0.87 0.00	42.90 0.63 0.00	38.40 0.60 0.00	35.77 0.42 0.00	35.81 0.53 0.00	35.91 0.67 0.00	36.63 0.65 0.00	36.97 0.47 0.00	40.34 0.32 0.00	44.52 0.31 0.00	46.30 0.28 0.00	47.75 0.05 0.00	50.75 0.00 0.00	53.71 -0.05 0.00	54.41 -0.38 0.00	56.99 -0.46 0.00	64.81 -0.59 0.00	77.59 -0.08 0.00	87.49 0.87 0.00	82.73 1.70 0.00	79.66 2.02 0.00	70.25 2.11 0.00	55.94 1.10 0.00	50.53 0.84 0.00
MID___RAQUETTE_HYD 23851	48.65 0.43 0.00	42.65 0.38 0.00	38.13 0.34 0.00	35.63 0.28 0.00	35.63 0.35 0.00	35.63 0.39 0.00	36.38 0.40 0.00	36.72 0.22 0.00	39.94 -0.08 0.00	44.16 -0.04 0.00	46.02 0.00 0.00	47.61 -0.10 0.00	50.60 -0.15 0.00	53.44 -0.32 0.00	54.25 -0.55 0.00	56.70 -0.75 0.00	64.22 -1.18 0.00	76.74 -0.93 0.00	86.11 -0.52 0.00	81.60 0.57 0.00	78.66 1.01 0.00	69.91 1.77 0.00	55.50 0.66 0.00	49.98 0.30 0.00
MILLIKEN___1 23584	49.37 1.16 0.00	42.99 0.72 0.00	38.43 0.64 0.00	35.87 0.53 0.00	35.74 0.46 0.00	35.70 0.46 0.00	36.56 0.58 0.00	37.12 0.62 0.00	40.66 0.64 0.00	44.87 0.66 0.00	46.62 0.60 0.00	48.28 0.57 0.00	51.26 0.51 0.00	54.36 0.59 0.00	55.34 0.55 0.00	58.08 0.63 0.00	66.44 1.05 0.00	78.83 1.17 0.00	88.53 1.91 0.00	83.06 2.03 0.00	79.35 1.71 0.00	69.03 0.89 0.00	55.88 1.04 0.00	50.68 0.99 0.00
MILLIKEN___2 23585	49.37 1.16 0.00	42.99 0.72 0.00	38.43 0.64 0.00	35.87 0.53 0.00	35.74 0.46 0.00	35.70 0.46 0.00	36.56 0.58 0.00	37.12 0.62 0.00	40.66 0.64 0.00	44.87 0.66 0.00	46.62 0.60 0.00	48.28 0.57 0.00	51.26 0.51 0.00	54.36 0.59 0.00	55.34 0.55 0.00	58.08 0.63 0.00	66.44 1.05 0.00	78.83 1.17 0.00	88.53 1.91 0.00	83.06 2.03 0.00	79.35 1.71 0.00	69.03 0.89 0.00	55.88 1.04 0.00	50.68 0.99 0.00
MILLIKEN___DIESEL 23629	49.37 1.16 0.00	42.99 0.72 0.00	38.43 0.64 0.00	35.87 0.53 0.00	35.74 0.46 0.00	35.70 0.46 0.00	36.56 0.58 0.00	37.12 0.62 0.00	40.66 0.64 0.00	44.87 0.66 0.00	46.62 0.60 0.00	48.28 0.57 0.00	51.26 0.51 0.00	54.36 0.59 0.00	55.34 0.55 0.00	58.08 0.63 0.00	66.44 1.05 0.00	78.83 1.17 0.00	88.53 1.91 0.00	83.06 2.03 0.00	79.35 1.71 0.00	69.03 0.89 0.00	55.88 1.04 0.00	50.68 0.99 0.00
MILLSEAT___LFGE 323607	48.65 0.43 0.00	42.35 0.08 0.00	37.68 -0.11 0.00	35.03 -0.32 0.00	34.75 -0.53 0.00	34.61 -0.63 0.00	35.51 -0.47 0.00	36.54 0.04 0.00	39.38 -0.64 0.00	43.02 -1.19 0.00	44.23 -1.80 0.00	45.84 -1.86 0.00	48.22 -2.54 0.00	51.35 -2.42 0.00	52.17 -2.63 0.00	55.26 -2.18 0.00	63.37 -2.03 0.00	74.02 -3.65 0.00	83.85 -2.78 0.00	79.09 -1.95 0.00	75.01 -2.64 0.00	63.71 -4.43 0.00	53.68 -1.15 0.00	49.24 -0.45 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.77 2.56 0.00	44.76 2.49 0.00	39.91 2.12 0.00	37.43 2.09 0.00	37.40 2.12 0.00	37.40 2.15 0.00	38.14 2.16 0.00	38.73 2.23 0.00	42.74 2.72 0.00	47.39 3.18 0.00	49.43 3.41 0.00	51.33 3.63 0.00	54.71 3.96 0.00	57.74 3.98 0.00	59.13 4.33 0.00	61.98 4.54 0.00	70.76 5.36 0.00	83.88 6.21 0.00	93.04 6.41 0.00	86.22 5.19 0.00	82.15 4.50 0.00	71.21 3.07 0.00	57.75 2.91 0.00	52.71 3.03 0.00
MILLWOOD_13_KV_LOAD 356217	50.91 2.70 0.00	44.85 2.58 0.00	40.02 2.23 0.00	37.50 2.16 0.00	37.47 2.19 0.00	37.47 2.22 0.00	38.25 2.27 0.00	38.80 2.30 0.00	42.86 2.84 0.00	47.57 3.36 0.00	49.61 3.59 0.00	51.47 3.77 0.00	54.86 4.11 0.00	57.96 4.19 0.00	59.29 4.49 0.00	62.21 4.77 0.00	71.09 5.69 0.00	84.27 6.60 0.00	93.47 6.84 0.00	86.54 5.51 0.00	82.46 4.81 0.00	71.41 3.27 0.00	57.91 3.07 0.00	52.86 3.18 0.00
MODEL_CITY_ENERGY 24167	47.35 -0.87 0.00	41.42 -0.85 0.00	36.88 -0.91 0.00	34.32 -1.03 0.00	34.01 -1.27 0.00	33.83 -1.41 0.00	34.72 -1.26 0.00	35.81 -0.69 0.00	38.50 -1.52 0.00	41.82 -2.39 0.00	42.80 -3.22 0.00	44.36 -3.34 0.00	46.69 -4.06 0.00	49.73 -4.03 0.00	50.58 -4.22 0.00	53.60 -3.85 0.00	61.41 -3.99 0.00	71.45 -6.22 0.00	80.91 -5.72 0.00	76.08 -4.95 0.00	72.13 -5.51 0.00	61.19 -6.95 0.00	51.88 -2.96 0.00	47.85 -1.84 0.00
MODERN_LFGE___ 323580	47.35 -0.87 0.00	41.42 -0.85 0.00	36.88 -0.91 0.00	34.32 -1.03 0.00	34.01 -1.27 0.00	33.83 -1.41 0.00	34.72 -1.26 0.00	35.81 -0.69 0.00	38.50 -1.52 0.00	41.82 -2.39 0.00	42.80 -3.22 0.00	44.36 -3.34 0.00	46.69 -4.06 0.00	49.73 -4.03 0.00	50.58 -4.22 0.00	53.60 -3.85 0.00	61.41 -3.99 0.00	71.45 -6.22 0.00	80.91 -5.72 0.00	76.08 -4.95 0.00	72.13 -5.51 0.00	61.19 -6.95 0.00	51.88 -2.96 0.00	47.85 -1.84 0.00
MOHAWK_PAPER___DRP 24187	49.95 1.74 0.00	43.83 1.56 0.00	39.26 1.47 0.00	36.76 1.41 0.00	36.69 1.41 0.00	36.62 1.37 0.00	37.35 1.37 0.00	37.85 1.35 0.00	41.58 1.56 0.00	45.89 1.68 0.00	47.73 1.70 0.00	49.47 1.77 0.00	52.73 1.98 0.00	55.92 2.15 0.00	57.15 2.36 0.00	59.92 2.47 0.00	68.21 2.81 0.00	81.16 3.50 0.00	90.35 3.72 0.00	84.11 3.08 0.00	80.52 2.87 0.00	70.12 1.98 0.00	56.76 1.92 0.00	51.52 1.84 0.00
MOHICAN___35_KV_115KV_LD 80490	50.86 2.65 0.00	44.59 2.32 0.00	39.87 2.08 0.00	37.29 1.94 0.00	37.26 1.98 0.00	37.11 1.87 0.00	37.85 1.87 0.00	38.47 1.97 0.00	42.22 2.20 0.00	46.60 2.39 0.00	48.10 2.07 0.00	49.90 2.19 0.00	53.09 2.33 0.00	56.40 2.63 0.00	57.48 2.69 0.00	60.26 2.81 0.00	68.73 3.34 0.00	82.09 4.43 0.00	92.34 5.72 0.00	86.22 5.19 0.00	82.93 5.28 0.00	71.89 3.75 0.00	58.07 3.24 0.00	52.62 2.93 0.00
MONGAUP___HYD 23641	50.86 2.65 0.00	44.59 2.32 0.00	39.83 2.04 0.00	37.32 1.98 0.00	37.29 2.01 0.00	37.25 2.01 0.00	37.89 1.91 0.00	38.32 1.82 0.00	42.18 2.16 0.00	46.64 2.43 0.00	48.60 2.58 0.00	50.09 2.38 0.00	53.44 2.69 0.00	56.45 2.69 0.00	57.70 2.90 0.00	60.95 3.50 0.00	69.71 4.32 0.00	83.02 5.35 0.00	92.78 6.15 0.00	86.54 5.51 0.00	82.54 4.89 0.00	71.68 3.54 0.00	57.91 3.07 0.00	52.77 3.08 0.00
MONTAUK___DIESEL 23721	52.45 4.24 0.00	46.96 4.69 0.00	41.80 4.01 0.00	38.95 3.61 0.00	38.98 3.70 0.00	39.09 3.84 0.00	39.65 3.67 0.00	40.33 3.83 0.00	45.14 5.12 0.00	50.49 6.28 0.00	55.61 6.49 -3.10	57.58 6.96 -2.91	59.71 7.21 -1.75	62.91 7.42 -1.73	78.69 7.89 -16.00	84.07 8.39 -18.23	106.57 9.81 -31.37	242.54 11.34 -153.53	250.90 12.04 -152.23	95.45 10.37 -4.05	87.60 8.62 -1.34	75.91 6.27 -1.50	61.51 4.55 -2.12	55.15 5.47 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	48.41 0.19 0.00	41.84 -0.42 0.00	37.38 -0.42 0.00	34.81 -0.53 0.00	34.75 -0.53 0.00	34.68 -0.56 0.00	35.48 -0.50 0.00	36.76 0.26 0.00	39.62 -0.40 0.00	43.63 -0.57 0.00	44.83 -1.20 0.00	46.46 -1.24 0.00	49.38 -1.37 0.00	52.31 -1.45 0.00	53.15 -1.64 0.00	56.41 -1.03 0.00	64.68 -0.72 0.00	75.88 -1.79 0.00	86.19 -0.43 0.00	80.87 -0.16 0.00	76.33 -1.32 0.00	65.07 -3.07 0.00	53.58 -1.26 0.00	49.04 -0.65 0.00

MORRIS_RIDGE___SOLAR 323848	48.21 0.00 0.00	41.89 -0.38 0.00	37.30 -0.49 0.00	34.78 -0.57 0.00	34.50 -0.78 0.00	34.44 -0.81 0.00	35.26 -0.72 0.00	36.13 -0.36 0.00	39.22 -0.80 0.00	43.11 -1.10 0.00	44.18 -1.84 0.00	45.56 -2.15 0.00	48.01 -2.74 0.00	51.02 -2.74 0.00	51.89 -2.91 0.00	54.75 -2.70 0.00	62.85 -2.55 0.00	73.94 -3.73 0.00	83.94 -2.69 0.00	79.33 -1.71 0.00	75.78 -1.86 0.00	64.74 -3.41 0.00	53.91 -0.93 0.00	49.14 -0.55 0.00
MORTIMER_115KV_TB3 55949	48.21 0.00 0.00	41.80 -0.46 0.00	37.41 -0.38 0.00	34.81 -0.53 0.00	34.64 -0.64 0.00	34.51 -0.74 0.00	35.37 -0.61 0.00	36.21 -0.29 0.00	39.46 -0.56 0.00	43.46 -0.75 0.00	45.10 -0.92 0.00	46.75 -0.95 0.00	49.64 -1.12 0.00	52.64 -1.13 0.00	53.48 -1.32 0.00	56.30 -1.15 0.00	64.48 -0.92 0.00	75.65 -2.02 0.00	85.24 -1.39 0.00	80.14 -0.89 0.00	76.09 -1.55 0.00	65.48 -2.66 0.00	53.69 -1.15 0.00	49.09 -0.60 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.15 2.94 0.00	45.10 2.83 0.00	40.21 2.42 0.00	37.71 2.37 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.47 2.48 0.00	39.05 2.55 0.00	43.14 3.12 0.00	47.97 3.76 0.00	50.03 4.00 0.00	51.90 4.20 0.00	55.32 4.57 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.41 6.02 0.00	84.58 6.91 0.00	93.82 7.19 0.00	86.95 5.92 0.00	82.77 5.12 0.00	71.55 3.41 0.00	58.24 3.40 0.00	53.16 3.48 0.00
MUNSVILLE_WIND_PWR 323609	51.98 3.76 0.00	45.35 3.08 0.00	40.55 2.76 0.00	37.64 2.30 0.00	37.61 2.33 0.00	37.64 2.40 0.00	38.50 2.52 0.00	39.05 2.55 0.00	42.78 2.76 0.00	47.08 2.87 0.00	48.79 2.76 0.00	50.47 2.77 0.00	53.54 2.79 0.00	56.88 3.12 0.00	57.26 2.47 0.00	60.15 2.70 0.00	68.86 3.46 0.00	82.41 4.74 0.00	93.73 7.10 0.00	88.33 7.30 0.00	84.48 6.83 0.00	73.39 5.25 0.00	59.23 4.39 0.00	53.71 4.02 0.00
N SALMON___HYD 24042	48.74 0.53 0.00	42.69 0.42 0.00	38.17 0.38 0.00	35.70 0.35 0.00	35.74 0.46 0.00	35.70 0.46 0.00	36.49 0.50 0.00	36.86 0.36 0.00	40.06 0.04 0.00	44.39 0.18 0.00	46.39 0.37 0.00	47.94 0.24 0.00	50.90 0.15 0.00	53.76 0.00 0.00	54.52 -0.27 0.00	56.98 -0.46 0.00	64.35 -1.05 0.00	76.81 -0.85 0.00	85.84 -0.78 0.00	81.60 0.57 0.00	78.65 1.01 0.00	69.84 1.70 0.00	55.50 0.66 0.00	49.88 0.20 0.00
N.AKRON__115KV_KNAPP 355671	48.55 0.34 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	34.99 -0.35 0.00	34.71 -0.56 0.00	34.54 -0.70 0.00	35.48 -0.50 0.00	36.50 0.00 0.00	39.34 -0.68 0.00	42.88 -1.33 0.00	44.14 -1.89 0.00	45.75 -1.96 0.00	48.37 -2.39 0.00	51.24 -2.53 0.00	52.06 -2.74 0.00	55.03 -2.41 0.00	63.24 -2.16 0.00	73.78 -3.88 0.00	83.68 -2.95 0.00	78.84 -2.19 0.00	74.54 -3.11 0.00	63.51 -4.63 0.00	52.65 -2.19 0.00	48.79 -0.89 0.00
N.E_GEN_SANDY PD 24062	50.38 2.17 0.00	44.71 1.99 -0.46	41.18 1.81 -1.58	39.20 1.73 -2.12	38.20 1.76 -1.16	38.70 1.76 -1.69	40.11 1.76 -2.36	38.25 1.75 0.00	42.10 2.08 0.00	46.46 2.25 0.00	48.37 2.35 0.00	50.14 2.43 0.00	53.49 2.74 0.00	56.61 2.85 0.00	57.92 3.12 0.00	60.72 3.27 0.00	69.19 3.79 0.00	82.25 4.58 0.00	91.30 4.67 0.00	84.84 3.81 0.00	80.98 3.34 0.00	70.59 2.45 0.00	57.24 2.20 -0.20	51.72 2.24 0.20
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.72 2.51 0.00	44.68 2.41 0.00	39.87 2.08 0.00	37.39 2.05 0.00	37.33 2.05 0.00	37.32 2.08 0.00	38.07 2.09 0.00	38.62 2.12 0.00	42.62 2.60 0.00	47.26 3.05 0.00	49.34 3.31 0.00	51.19 3.48 0.00	54.56 3.81 0.00	57.64 3.87 0.00	58.96 4.16 0.00	61.87 4.42 0.00	70.63 5.23 0.00	83.73 6.06 0.00	92.95 6.32 0.00	86.14 5.10 0.00	82.07 4.43 0.00	71.14 3.00 0.00	57.75 2.91 0.00	52.66 2.98 0.00
N.QUEENS_27_KV_LOAD 356247	51.60 3.37 -0.01	45.44 3.17 0.00	40.59 2.80 0.00	37.99 2.65 0.00	37.96 2.68 0.00	37.99 2.75 0.00	38.79 2.81 0.00	39.38 2.88 0.00	43.46 3.44 0.00	48.19 3.98 0.00	50.30 4.28 0.00	52.24 4.53 0.00	55.78 5.02 0.00	58.83 5.05 -0.01	59.90 5.10 -0.01	62.62 5.17 -0.01	71.29 5.89 -0.01	84.51 6.83 -0.01	93.74 7.10 -0.01	86.80 5.75 -0.02	82.63 4.97 -0.02	71.42 3.27 -0.01	58.41 3.56 -0.01	53.62 3.93 -0.01
N.TROY___115KV_TB1 355778	50.33 2.12 0.00	44.17 1.90 0.00	39.53 1.74 0.00	36.97 1.63 0.00	36.94 1.66 0.00	36.87 1.62 0.00	37.60 1.62 0.00	38.14 1.64 0.00	41.90 1.88 0.00	46.20 1.99 0.00	48.00 1.98 0.00	49.80 2.10 0.00	53.04 2.28 0.00	56.24 2.47 0.00	57.48 2.69 0.00	60.26 2.81 0.00	68.67 3.27 0.00	81.71 4.04 0.00	90.96 4.33 0.00	84.76 3.73 0.00	81.14 3.49 0.00	70.66 2.52 0.00	57.20 2.36 0.00	51.92 2.24 0.00
NARROWS_GT1_1 24228	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NARROWS_GT1_2 24229	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NARROWS_GT1_3 24230	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NARROWS_GT1_4 24231	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NARROWS_GT1_5 24232	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00

NARROWS_GT1_6 24233	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NARROWS_GT1_7 24234	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NARROWS_GT1_8 24235	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NARROWS_GT2_1 24236	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NARROWS_GT2_2 24237	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NARROWS_GT2_3 24238	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NARROWS_GT2_4 24239	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NARROWS_GT2_5 24240	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NARROWS_GT2_6 24241	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NARROWS_GT2_7 24242	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NARROWS_GT2_8 24243	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.42 6.01 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.84 5.20 0.01	71.61 3.47 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	50.62 2.41 0.00	44.30 2.03 0.00	39.72 1.93 0.00	37.15 1.80 0.00	37.11 1.83 0.00	37.01 1.76 0.00	37.60 1.62 0.00	38.00 1.50 0.00	41.66 1.64 0.00	45.80 1.59 0.00	47.59 1.56 0.00	49.18 1.48 0.00	52.38 1.62 0.00	55.65 1.88 0.00	56.88 2.08 0.00	59.74 2.30 0.00	68.21 2.81 0.00	81.47 3.81 0.00	91.22 4.59 0.00	85.33 4.29 0.00	81.68 4.04 0.00	71.21 3.07 0.00	57.58 2.74 0.00	52.07 2.38 0.00
NCHELSEA_115KV_TR2 355582	51.06 2.84 0.00	44.89 2.62 0.00	40.06 2.27 0.00	37.54 2.19 0.00	37.50 2.22 0.00	37.47 2.22 0.00	38.18 2.19 0.00	38.65 2.15 0.00	42.70 2.68 0.00	47.35 3.14 0.00	49.43 3.41 0.00	51.28 3.58 0.00	54.66 3.91 0.00	57.80 4.03 0.00	59.13 4.33 0.00	61.98 4.54 0.00	70.82 5.43 0.00	84.04 6.37 0.00	93.56 6.93 0.00	86.78 5.75 0.00	82.69 5.05 0.00	71.82 3.68 0.00	58.24 3.40 0.00	52.96 3.28 0.00
NEG CAPITAL____MECHNVIL 23645	51.01 2.80 0.00	44.72 2.45 0.00	39.94 2.15 0.00	37.36 2.01 0.00	37.32 2.05 0.00	37.22 1.97 0.00	37.96 1.98 0.00	38.54 2.04 0.00	42.30 2.28 0.00	46.73 2.52 0.00	48.46 2.44 0.00	50.28 2.57 0.00	53.54 2.79 0.00	56.88 3.12 0.00	58.03 3.23 0.00	60.83 3.39 0.00	69.39 3.99 0.00	82.71 5.05 0.00	92.43 5.80 0.00	86.14 5.11 0.00	82.62 4.97 0.00	71.82 3.68 0.00	57.96 3.12 0.00	52.61 2.93 0.00
NEG CENTRAL_HIGH_ACRES 23767	47.68 -0.53 0.00	41.42 -0.85 0.00	36.96 -0.83 0.00	34.42 -0.92 0.00	34.26 -1.02 0.00	34.15 -1.09 0.00	35.01 -0.97 0.00	35.81 -0.69 0.00	39.10 -0.92 0.00	43.19 -1.02 0.00	44.88 -1.15 0.00	46.51 -1.19 0.00	49.28 -1.47 0.00	52.37 -1.40 0.00	53.21 -1.59 0.00	56.01 -1.43 0.00	64.02 -1.38 0.00	75.34 -2.33 0.00	84.72 -1.91 0.00	79.65 -1.38 0.00	75.78 -1.86 0.00	65.28 -2.86 0.00	53.80 -1.04 0.00	48.84 -0.84 0.00

NEG CENTRAL___DRP 24199	48.74 0.53 0.00	42.39 0.13 0.00	37.87 0.08 0.00	35.34 0.00 0.00	35.17 -0.11 0.00	35.14 -0.11 0.00	35.98 0.00 0.00	36.61 0.11 0.00	40.06 0.04 0.00	44.25 0.04 0.00	45.98 -0.05 0.00	47.66 -0.05 0.00	50.50 -0.25 0.00	53.55 -0.22 0.00	54.52 -0.27 0.00	57.22 -0.23 0.00	65.53 0.13 0.00	77.51 -0.16 0.00	87.15 0.52 0.00	81.68 0.65 0.00	77.96 0.31 0.00	67.53 -0.61 0.00	54.89 0.05 0.00	49.83 0.15 0.00
NEG CENTRAL___INDECK 23768	50.04 1.83 0.00	43.28 1.01 0.00	38.59 0.79 0.00	35.87 0.53 0.00	35.67 0.39 0.00	35.60 0.35 0.00	36.42 0.43 0.00	37.01 0.51 0.00	39.98 -0.04 0.00	43.85 -0.36 0.00	45.01 -1.01 0.00	46.56 -1.15 0.00	49.23 -1.52 0.00	52.42 -1.34 0.00	53.32 -1.48 0.00	56.35 -1.09 0.00	64.87 -0.53 0.00	76.66 -1.01 0.00	87.32 0.69 0.00	83.06 2.03 0.00	79.35 1.71 0.00	68.00 -0.14 0.00	56.32 1.48 0.00	51.13 1.44 0.00
NEG CENTRAL___SENECA 23627	48.98 0.77 0.00	42.52 0.25 0.00	37.98 0.19 0.00	35.41 0.07 0.00	35.24 -0.04 0.00	35.21 -0.04 0.00	36.05 0.07 0.00	36.76 0.26 0.00	40.14 0.12 0.00	44.30 0.09 0.00	45.98 -0.05 0.00	47.66 -0.05 0.00	50.35 -0.41 0.00	53.39 -0.38 0.00	54.30 -0.49 0.00	57.10 -0.34 0.00	65.46 0.07 0.00	77.36 -0.31 0.00	87.23 0.61 0.00	81.84 0.81 0.00	77.96 0.31 0.00	67.39 -0.75 0.00	54.89 0.05 0.00	49.88 0.20 0.00
NEG CENTRAL___STATE_STREET 24147	48.79 0.58 0.00	42.48 0.21 0.00	37.98 0.19 0.00	35.45 0.11 0.00	35.31 0.04 0.00	35.28 0.04 0.00	36.09 0.11 0.00	36.68 0.18 0.00	40.22 0.20 0.00	44.43 0.22 0.00	46.25 0.23 0.00	47.94 0.24 0.00	50.90 0.15 0.00	54.09 0.32 0.00	55.07 0.27 0.00	57.73 0.29 0.00	66.05 0.65 0.00	78.29 0.62 0.00	87.75 1.13 0.00	82.25 1.22 0.00	78.50 0.85 0.00	68.28 0.14 0.00	55.28 0.44 0.00	50.13 0.45 0.00
NEG MILLWOOD___DRP 24198	51.20 2.99 0.00	44.97 2.71 0.00	40.17 2.38 0.00	37.61 2.26 0.00	37.57 2.29 0.00	37.54 2.29 0.00	38.32 2.34 0.00	38.84 2.34 0.00	42.94 2.92 0.00	47.66 3.45 0.00	49.75 3.73 0.00	51.66 3.96 0.00	55.12 4.36 0.00	58.34 4.57 0.00	59.62 4.82 0.00	62.56 5.11 0.00	71.61 6.21 0.00	84.89 7.22 0.00	94.34 7.71 0.00	87.19 6.16 0.00	83.08 5.44 0.00	72.02 3.88 0.00	58.29 3.45 0.00	53.11 3.43 0.00
NEG NORTH_FLCN_SEA 23793	48.21 0.00 0.00	42.22 -0.04 0.00	37.75 -0.04 0.00	35.38 0.04 0.00	35.39 0.11 0.00	35.35 0.11 0.00	36.09 0.11 0.00	36.46 -0.04 0.00	39.66 -0.36 0.00	43.94 -0.27 0.00	45.89 -0.14 0.00	47.47 -0.24 0.00	50.04 -0.71 0.00	52.85 -0.91 0.00	53.65 -1.15 0.00	56.07 -1.38 0.00	63.37 -2.03 0.00	75.57 -2.10 0.00	84.29 -2.34 0.00	79.82 -1.22 0.00	76.95 -0.70 0.00	68.41 0.27 0.00	54.46 -0.38 0.00	49.48 -0.20 0.00
NEG NORTH_KES_CHATEGAY 23792	48.02 -0.19 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.24 -0.11 0.00	35.28 0.00 0.00	35.21 -0.04 0.00	35.91 -0.07 0.00	36.28 -0.22 0.00	39.50 -0.52 0.00	43.68 -0.53 0.00	45.61 -0.41 0.00	47.18 -0.52 0.00	49.99 -0.76 0.00	52.80 -0.97 0.00	53.65 -1.15 0.00	56.07 -1.38 0.00	63.50 -1.90 0.00	75.73 -1.94 0.00	84.55 -2.08 0.00	79.98 -1.05 0.00	77.10 -0.54 0.00	68.55 0.41 0.00	54.56 -0.27 0.00	49.29 -0.40 0.00
NEG NORTH___ALICE_FALLS 23915	48.55 0.34 0.00	42.52 0.25 0.00	38.02 0.23 0.00	35.59 0.25 0.00	35.63 0.35 0.00	35.56 0.32 0.00	36.31 0.32 0.00	36.72 0.22 0.00	39.90 -0.12 0.00	44.21 0.00 0.00	46.21 0.18 0.00	47.75 0.05 0.00	50.50 -0.25 0.00	53.33 -0.43 0.00	54.08 -0.71 0.00	56.53 -0.92 0.00	63.89 -1.50 0.00	76.19 -1.48 0.00	85.07 -1.56 0.00	80.79 -0.24 0.00	77.88 0.23 0.00	69.16 1.02 0.00	55.00 0.16 0.00	49.83 0.15 0.00
NEG NORTH___LWR_SARANAC 23913	48.55 0.34 0.00	42.52 0.25 0.00	38.02 0.23 0.00	35.59 0.25 0.00	35.63 0.35 0.00	35.56 0.32 0.00	36.31 0.32 0.00	36.72 0.22 0.00	39.90 -0.12 0.00	44.21 0.00 0.00	46.21 0.18 0.00	47.75 0.05 0.00	50.50 -0.25 0.00	53.33 -0.43 0.00	54.08 -0.71 0.00	56.53 -0.92 0.00	63.89 -1.50 0.00	76.19 -1.48 0.00	85.07 -1.56 0.00	80.79 -0.24 0.00	77.88 0.23 0.00	69.16 1.02 0.00	55.00 0.16 0.00	49.83 0.15 0.00
NEG NORTH___PLATTSBURG 23628	48.55 0.34 0.00	42.52 0.26 0.00	38.02 0.23 0.00	35.59 0.25 0.00	35.63 0.35 0.00	35.56 0.32 0.00	36.31 0.32 0.00	36.72 0.22 0.00	39.90 -0.12 0.00	44.21 0.00 0.00	46.21 0.18 0.00	47.75 0.05 0.00	50.50 -0.25 0.00	53.33 -0.43 0.00	54.08 -0.71 0.00	56.52 -0.92 0.00	63.90 -1.50 0.00	76.19 -1.48 0.00	85.07 -1.56 0.00	80.79 -0.24 0.00	77.80 0.16 0.00	69.16 1.02 0.00	55.00 0.17 0.00	49.49 -0.20 0.00
NEG WEST_LEA_LOCKPORT 23791	47.68 -0.53 0.00	41.42 -0.85 0.00	37.04 -0.76 0.00	34.46 -0.88 0.00	34.19 -1.09 0.00	33.98 -1.27 0.00	34.90 -1.08 0.00	35.95 -0.55 0.00	38.74 -1.28 0.00	42.18 -2.03 0.00	43.26 -2.76 0.00	44.84 -2.86 0.00	47.25 -3.50 0.00	50.11 -3.66 0.00	50.91 -3.89 0.00	53.83 -3.62 0.00	61.80 -3.60 0.00	72.00 -5.67 0.00	81.51 -5.11 0.00	76.65 -4.38 0.00	72.44 -5.20 0.00	61.60 -6.54 0.00	51.27 -3.56 0.00	47.65 -2.04 0.00
NEG WEST___LANCASTER 23811	47.44 -0.77 0.00	41.13 -1.14 0.00	36.73 -1.06 0.00	34.18 -1.17 0.00	33.90 -1.38 0.00	33.80 -1.45 0.00	34.65 -1.33 0.00	35.73 -0.77 0.00	38.70 -1.32 0.00	42.44 -1.77 0.00	43.68 -2.35 0.00	45.32 -2.39 0.00	48.06 -2.69 0.00	50.92 -2.85 0.00	51.78 -3.01 0.00	54.80 -2.64 0.00	62.91 -2.49 0.00	73.71 -3.96 0.00	83.33 -3.29 0.00	78.11 -2.92 0.00	74.00 -3.65 0.00	63.03 -5.11 0.00	52.21 -2.63 0.00	47.94 -1.74 0.00
NEG_PENN_ALLEGHNY 23528	48.89 0.67 0.00	42.69 0.42 0.00	38.13 0.34 0.00	35.63 0.28 0.00	35.46 0.18 0.00	35.42 0.18 0.00	36.24 0.25 0.00	36.90 0.40 0.00	40.42 0.40 0.00	44.65 0.44 0.00	46.35 0.32 0.00	48.08 0.38 0.00	51.01 0.26 0.00	54.09 0.32 0.00	55.13 0.33 0.00	57.90 0.46 0.00	66.12 0.72 0.00	78.21 0.55 0.00	87.67 1.04 0.00	81.92 0.89 0.00	78.26 0.62 0.00	67.94 -0.20 0.00	55.33 0.49 0.00	50.28 0.60 0.00
NEG___GEN_MONROE 24207	48.31 0.10 0.00	41.89 -0.38 0.00	37.53 -0.26 0.00	34.88 -0.46 0.00	34.71 -0.56 0.00	34.58 -0.67 0.00	35.44 -0.54 0.00	36.21 -0.29 0.00	39.34 -0.68 0.00	43.19 -1.02 0.00	44.78 -1.24 0.00	46.42 -1.29 0.00	49.23 -1.52 0.00	52.26 -1.51 0.00	53.10 -1.70 0.00	56.01 -1.44 0.00	64.29 -1.11 0.00	75.34 -2.33 0.00	85.07 -1.56 0.00	80.06 -0.97 0.00	76.02 -1.63 0.00	65.35 -2.79 0.00	53.69 -1.15 0.00	49.19 -0.50 0.00
NEPA___ENERGY 23901	48.02 -0.19 0.00	41.63 -0.63 0.00	37.22 -0.57 0.00	34.67 -0.67 0.00	34.43 -0.85 0.00	34.29 -0.95 0.00	35.15 -0.83 0.00	36.24 -0.26 0.00	39.26 -0.76 0.00	43.06 -1.15 0.00	44.32 -1.70 0.00	45.99 -1.72 0.00	48.72 -2.03 0.00	51.67 -2.10 0.00	52.55 -2.25 0.00	55.55 -1.90 0.00	63.76 -1.63 0.00	74.72 -2.95 0.00	84.55 -2.08 0.00	79.25 -1.78 0.00	75.08 -2.56 0.00	63.98 -4.16 0.00	52.97 -1.86 0.00	48.64 -1.04 0.00

NEVERSINK___HYD 23608	50.67 2.46 0.00	44.42 2.15 0.00	39.64 1.85 0.00	37.11 1.77 0.00	37.08 1.80 0.00	37.04 1.80 0.00	37.75 1.76 0.00	38.22 1.72 0.00	42.14 2.12 0.00	46.73 2.52 0.00	48.79 2.76 0.00	50.57 2.86 0.00	53.95 3.20 0.00	57.05 3.28 0.00	58.20 3.40 0.00	61.07 3.62 0.00	69.85 4.45 0.00	83.02 5.35 0.00	92.69 6.06 0.00	86.22 5.19 0.00	82.23 4.58 0.00	71.41 3.27 0.00	57.63 2.80 0.00	52.51 2.83 0.00
NEWKRMKL_115KV_TB1 55635	49.37 1.16 0.00	43.32 1.06 0.00	38.89 1.10 0.00	36.40 1.06 0.00	36.34 1.06 0.00	36.27 1.02 0.00	36.99 1.01 0.00	37.49 0.99 0.00	41.22 1.20 0.00	45.45 1.24 0.00	47.27 1.24 0.00	48.99 1.29 0.00	52.17 1.42 0.00	55.38 1.61 0.00	56.55 1.75 0.00	59.28 1.84 0.00	67.49 2.09 0.00	80.23 2.56 0.00	89.22 2.60 0.00	83.14 2.11 0.00	79.51 1.86 0.00	69.30 1.16 0.00	56.10 1.26 0.00	50.93 1.24 0.00
NEWTON___FALLS_HYD 23847	49.08 0.87 0.00	42.90 0.63 0.00	38.40 0.60 0.00	35.77 0.42 0.00	35.81 0.53 0.00	35.91 0.67 0.00	36.63 0.65 0.00	36.97 0.47 0.00	40.34 0.32 0.00	44.52 0.31 0.00	46.30 0.28 0.00	47.75 0.05 0.00	50.75 0.00 0.00	53.71 -0.05 0.00	54.41 -0.38 0.00	56.99 -0.46 0.00	64.81 -0.59 0.00	77.59 -0.08 0.00	87.49 0.87 0.00	82.73 1.70 0.00	79.66 2.02 0.00	70.25 2.11 0.00	55.94 1.10 0.00	50.53 0.84 0.00
NGRID_A1_DSASP 323792	46.48 -1.73 0.00	40.53 -1.73 0.00	36.09 -1.70 0.00	33.58 -1.77 0.00	33.30 -1.97 0.00	33.09 -2.15 0.00	34.00 -1.98 0.00	35.04 -1.46 0.00	37.90 -2.12 0.00	41.47 -2.74 0.00	42.39 -3.64 0.00	43.98 -3.72 0.00	46.39 -4.37 0.00	49.41 -4.35 0.00	50.25 -4.55 0.00	53.25 -4.19 0.00	60.95 -4.45 0.00	70.91 -6.76 0.00	80.13 -6.50 0.00	75.36 -5.67 0.00	71.51 -6.14 0.00	60.57 -7.57 0.00	51.44 -3.40 0.00	47.10 -2.59 0.00
NGRID_A2_DSASP 323793	46.48 -1.73 0.00	40.53 -1.73 0.00	36.09 -1.70 0.00	33.58 -1.77 0.00	33.30 -1.97 0.00	33.09 -2.15 0.00	34.00 -1.98 0.00	35.04 -1.46 0.00	37.90 -2.12 0.00	41.47 -2.74 0.00	42.39 -3.64 0.00	43.98 -3.72 0.00	46.39 -4.37 0.00	49.41 -4.35 0.00	50.25 -4.55 0.00	53.25 -4.19 0.00	60.95 -4.45 0.00	70.91 -6.76 0.00	80.13 -6.50 0.00	75.36 -5.67 0.00	71.51 -6.14 0.00	60.57 -7.57 0.00	51.44 -3.40 0.00	47.10 -2.59 0.00
NGRID_A4_DSASP 323807	46.48 -1.73 0.00	40.53 -1.73 0.00	36.09 -1.70 0.00	33.58 -1.77 0.00	33.30 -1.97 0.00	33.09 -2.15 0.00	34.00 -1.98 0.00	35.04 -1.46 0.00	37.90 -2.12 0.00	41.47 -2.74 0.00	42.39 -3.64 0.00	43.98 -3.72 0.00	46.39 -4.37 0.00	49.41 -4.35 0.00	50.25 -4.55 0.00	53.25 -4.19 0.00	60.95 -4.45 0.00	70.91 -6.76 0.00	80.13 -6.50 0.00	75.36 -5.67 0.00	71.51 -6.14 0.00	60.57 -7.57 0.00	51.44 -3.40 0.00	47.10 -2.59 0.00
NIAGARA_115E_LBMP 323715	47.15 -1.06 0.00	41.30 -0.97 0.00	36.73 -1.06 0.00	34.21 -1.13 0.00	33.90 -1.38 0.00	33.73 -1.51 0.00	34.62 -1.37 0.00	35.70 -0.80 0.00	38.34 -1.68 0.00	41.60 -2.61 0.00	42.52 -3.50 0.00	44.13 -3.58 0.00	46.44 -4.31 0.00	49.46 -4.30 0.00	50.30 -4.49 0.00	53.37 -4.08 0.00	61.08 -4.32 0.00	71.07 -6.60 0.00	80.48 -6.15 0.00	75.60 -5.43 0.00	71.74 -5.90 0.00	60.78 -7.36 0.00	51.60 -3.24 0.00	47.69 -1.99 0.00
NIAGARA_115W_LBMP 323714	46.33 -1.88 0.00	40.41 -1.86 0.00	35.98 -1.81 0.00	33.50 -1.84 0.00	33.20 -2.08 0.00	33.03 -2.22 0.00	33.89 -2.09 0.00	34.97 -1.53 0.00	37.82 -2.20 0.00	41.38 -2.83 0.00	42.30 -3.73 0.00	43.84 -3.86 0.00	46.23 -4.52 0.00	49.30 -4.46 0.00	50.08 -4.71 0.00	53.14 -4.31 0.00	60.76 -4.64 0.00	70.68 -6.99 0.00	79.96 -6.67 0.00	75.12 -5.91 0.00	71.28 -6.37 0.00	60.44 -7.70 0.00	51.28 -3.56 0.00	46.95 -2.73 0.00
NIAGARA_230_LBMP 323716	47.01 -1.20 0.00	41.00 -1.27 0.00	36.51 -1.29 0.00	34.00 -1.34 0.00	33.73 -1.55 0.00	33.52 -1.73 0.00	34.40 -1.58 0.00	35.48 -1.02 0.00	38.38 -1.64 0.00	41.96 -2.25 0.00	42.94 -3.08 0.00	44.51 -3.20 0.00	46.94 -3.81 0.00	50.00 -3.76 0.00	50.85 -3.95 0.00	53.88 -3.56 0.00	61.67 -3.72 0.00	71.76 -5.91 0.00	81.25 -5.37 0.00	76.33 -4.70 0.00	72.44 -5.20 0.00	61.47 -6.68 0.00	52.04 -2.79 0.00	47.64 -2.04 0.00
NIAGARA___115KV_198_GIBSON 55903	46.33 -1.88 0.00	40.20 -2.07 0.00	35.98 -1.81 0.00	33.51 -1.84 0.00	33.20 -2.08 0.00	33.02 -2.22 0.00	33.90 -2.09 0.00	34.97 -1.53 0.00	37.82 -2.20 0.00	41.25 -2.96 0.00	42.30 -3.73 0.00	43.84 -3.86 0.00	46.49 -4.26 0.00	49.30 -4.46 0.00	50.08 -4.71 0.00	52.96 -4.48 0.00	60.75 -4.64 0.00	70.68 -6.99 0.00	79.96 -6.67 0.00	75.12 -5.92 0.00	70.97 -6.68 0.00	60.37 -7.77 0.00	50.34 -4.50 0.00	46.55 -3.13 0.00
NIAGARA____ 23760	47.01 -1.20 0.00	41.00 -1.27 0.00	36.51 -1.29 0.00	34.00 -1.34 0.00	33.73 -1.55 0.00	33.52 -1.73 0.00	34.40 -1.58 0.00	35.48 -1.02 0.00	38.38 -1.64 0.00	41.96 -2.25 0.00	42.94 -3.08 0.00	44.51 -3.20 0.00	46.94 -3.81 0.00	50.00 -3.76 0.00	50.85 -3.95 0.00	53.88 -3.56 0.00	61.67 -3.72 0.00	71.76 -5.91 0.00	81.25 -5.37 0.00	76.33 -4.70 0.00	72.44 -5.20 0.00	61.47 -6.68 0.00	52.04 -2.79 0.00	47.64 -2.04 0.00
NINE_MILE_1 23575	46.96 -1.25 0.00	41.08 -1.18 0.00	36.73 -1.06 0.00	34.32 -1.03 0.00	34.22 -1.06 0.00	34.19 -1.06 0.00	34.90 -1.08 0.00	35.48 -1.02 0.00	38.90 -1.12 0.00	42.93 -1.28 0.00	44.64 -1.38 0.00	46.27 -1.43 0.00	49.18 -1.57 0.00	52.20 -1.56 0.00	53.15 -1.64 0.00	55.78 -1.67 0.00	63.63 -1.76 0.00	75.34 -2.33 0.00	84.20 -2.42 0.00	78.85 -2.18 0.00	75.47 -2.17 0.00	65.82 -2.32 0.00	53.30 -1.54 0.00	48.34 -1.34 0.00
NINE_MILE_2 23744	46.96 -1.25 0.00	41.08 -1.18 0.00	36.73 -1.06 0.00	34.32 -1.03 0.00	34.22 -1.06 0.00	34.19 -1.06 0.00	34.90 -1.08 0.00	35.48 -1.02 0.00	38.90 -1.12 0.00	42.93 -1.28 0.00	44.64 -1.38 0.00	46.27 -1.43 0.00	49.18 -1.57 0.00	52.20 -1.56 0.00	53.21 -1.59 0.00	55.78 -1.67 0.00	63.63 -1.76 0.00	75.41 -2.25 0.00	84.20 -2.42 0.00	78.85 -2.18 0.00	75.47 -2.17 0.00	65.82 -2.32 0.00	53.30 -1.54 0.00	48.34 -1.34 0.00
NM_CAPITAL___DRP 24208	49.51 1.30 0.00	43.45 1.18 0.00	39.00 1.21 0.00	36.51 1.17 0.00	36.44 1.16 0.00	36.37 1.13 0.00	37.10 1.12 0.00	37.59 1.09 0.00	41.34 1.32 0.00	45.58 1.37 0.00	47.40 1.38 0.00	49.14 1.43 0.00	52.33 1.57 0.00	55.49 1.72 0.00	56.71 1.92 0.00	59.46 2.01 0.00	67.69 2.29 0.00	80.46 2.80 0.00	89.48 2.86 0.00	83.30 2.27 0.00	79.66 2.02 0.00	69.50 1.36 0.00	56.26 1.43 0.00	51.07 1.39 0.00
NM_CENTRAL___DRP 24181	47.87 -0.34 0.00	41.80 -0.46 0.00	37.38 -0.42 0.00	34.92 -0.42 0.00	34.79 -0.49 0.00	34.75 -0.49 0.00	35.51 -0.47 0.00	36.10 -0.40 0.00	39.62 -0.40 0.00	43.77 -0.44 0.00	45.56 -0.46 0.00	47.23 -0.48 0.00	50.19 -0.56 0.00	53.28 -0.48 0.00	54.25 -0.55 0.00	56.87 -0.57 0.00	64.94 -0.46 0.00	76.89 -0.78 0.00	86.02 -0.61 0.00	80.46 -0.57 0.00	76.87 -0.78 0.00	66.98 -1.16 0.00	54.24 -0.60 0.00	49.24 -0.45 0.00

NM_FRONTIER___DRP 24179	46.33 -1.88 0.00	40.20 -2.07 0.00	35.98 -1.81 0.00	33.51 -1.84 0.00	33.20 -2.08 0.00	33.02 -2.22 0.00	33.90 -2.09 0.00	34.97 -1.53 0.00	37.82 -2.20 0.00	41.25 -2.96 0.00	42.30 -3.73 0.00	43.84 -3.86 0.00	46.49 -4.26 0.00	49.30 -4.46 0.00	50.08 -4.71 0.00	52.96 -4.48 0.00	60.75 -4.64 0.00	70.68 -6.99 0.00	79.96 -6.67 0.00	75.12 -5.92 0.00	70.97 -6.68 0.00	60.37 -7.77 0.00	50.34 -4.50 0.00	46.55 -3.13 0.00
NM_ST_REGIS___HYD 24053	48.69 0.48 0.00	42.69 0.42 0.00	38.13 0.34 0.00	35.66 0.32 0.00	35.67 0.39 0.00	35.67 0.42 0.00	36.41 0.43 0.00	36.79 0.29 0.00	39.98 -0.04 0.00	44.21 0.00 0.00	46.16 0.14 0.00	47.70 0.00 0.00	50.70 -0.05 0.00	53.55 -0.22 0.00	54.30 -0.49 0.00	56.76 -0.69 0.00	64.29 -1.11 0.00	76.81 -0.85 0.00	86.02 -0.61 0.00	81.60 0.57 0.00	78.73 1.09 0.00	69.91 1.77 0.00	55.50 0.66 0.00	50.03 0.35 0.00
NORTHPORT___1 23551	51.44 3.23 0.00	46.04 3.76 -0.01	41.13 3.33 -0.01	38.50 3.14 -0.01	38.43 3.14 -0.01	38.49 3.24 -0.01	39.30 3.31 -0.01	39.86 3.36 -0.01	43.99 3.96 -0.01	48.77 4.55 -0.01	53.50 4.37 -3.10	54.64 4.44 -2.50	56.80 4.57 -1.48	59.45 4.25 -1.44	56.73 4.55 2.61	57.43 4.77 4.78	65.99 5.62 5.03	72.35 6.44 11.76	80.91 6.67 12.38	87.27 5.59 -0.65	83.45 4.74 -1.07	72.51 3.14 -1.23	59.19 2.58 -1.77	53.47 3.77 -0.01
NORTHPORT___2 23552	51.44 3.23 0.00	46.04 3.76 -0.01	41.13 3.33 -0.01	38.50 3.14 -0.01	38.43 3.14 -0.01	38.49 3.24 -0.01	39.30 3.31 -0.01	39.86 3.36 -0.01	43.99 3.96 -0.01	48.77 4.55 -0.01	53.50 4.37 -3.10	54.64 4.44 -2.50	56.80 4.57 -1.48	59.45 4.25 -1.44	56.73 4.55 2.61	57.43 4.77 4.78	65.99 5.62 5.03	72.35 6.44 11.76	80.91 6.67 12.38	87.27 5.59 -0.65	83.45 4.74 -1.07	72.51 3.14 -1.23	59.19 2.58 -1.77	53.47 3.77 -0.01
NORTHPORT___3 23553	50.91 2.70 0.00	45.36 3.08 -0.01	40.48 2.68 -0.01	37.93 2.58 -0.01	37.90 2.61 -0.01	37.90 2.64 -0.01	38.69 2.70 -0.01	39.28 2.77 -0.01	43.39 3.36 -0.01	48.20 3.98 -0.01	52.90 3.77 -3.10	53.90 3.77 -2.43	56.18 4.01 -1.42	59.02 3.87 -1.39	57.94 4.39 1.24	57.01 4.42 4.86	65.79 5.56 5.16	72.26 6.44 11.85	80.59 6.41 12.44	86.81 5.19 -0.59	82.77 4.11 -1.01	71.97 2.65 -1.18	58.90 2.36 -1.70	52.97 3.28 -0.01
NORTHPORT___4 23650	50.91 2.70 0.00	45.36 3.08 -0.01	40.48 2.68 -0.01	37.93 2.58 -0.01	37.90 2.61 -0.01	37.90 2.64 -0.01	38.69 2.70 -0.01	39.28 2.77 -0.01	43.39 3.36 -0.01	48.20 3.98 -0.01	52.90 3.77 -3.10	53.90 3.77 -2.43	56.18 4.01 -1.42	59.02 3.87 -1.39	57.94 4.39 1.24	57.01 4.42 4.86	65.79 5.56 5.16	72.26 6.44 11.85	80.59 6.41 12.44	86.81 5.19 -0.59	82.77 4.11 -1.01	71.97 2.65 -1.18	58.90 2.36 -1.70	52.97 3.28 -0.01
NORTHPORT___IC 23718	51.44 3.23 0.00	46.11 3.85 0.00	41.12 3.33 0.00	38.49 3.15 0.00	38.42 3.14 0.00	38.49 3.24 0.00	39.29 3.31 0.00	39.86 3.36 0.00	43.98 3.96 0.00	48.85 4.64 0.00	53.45 4.33 -3.10	54.64 4.44 -2.50	56.49 4.26 -1.48	59.40 4.19 -1.44	56.73 4.55 2.61	57.49 4.83 4.78	65.99 5.62 5.03	72.35 6.45 11.76	80.91 6.67 12.38	87.11 5.43 -0.65	83.45 4.74 -1.07	72.51 3.13 -1.23	59.41 2.80 -1.77	53.81 4.12 0.00
NORTH___COUNTRY_ESR 323785	47.88 -0.34 0.00	41.97 -0.29 0.00	37.53 -0.26 0.00	35.17 -0.18 0.00	35.17 -0.11 0.00	35.14 -0.11 0.00	35.84 -0.14 0.00	36.25 -0.25 0.00	39.46 -0.56 0.00	43.68 -0.53 0.00	45.61 -0.42 0.00	47.18 -0.52 0.00	50.04 -0.71 0.00	52.85 -0.91 0.00	53.64 -1.15 0.00	56.07 -1.38 0.00	63.50 -1.90 0.00	75.65 -2.02 0.00	84.37 -2.25 0.00	79.73 -1.30 0.00	76.79 -0.85 0.00	68.28 0.14 0.00	54.34 -0.49 0.00	48.94 -0.74 0.00
NPX_GEN_1385_PROXY 323591	51.73 3.52 0.00	46.54 4.27 -0.01	41.58 3.78 -0.01	39.06 3.71 -0.01	38.89 3.60 -0.01	39.06 3.81 -0.01	39.88 3.89 -0.01	40.45 3.94 -0.01	44.35 4.32 -0.01	48.77 4.55 -0.01	53.22 4.09 -3.10	54.35 4.15 -2.50	56.54 4.31 -1.48	59.62 4.41 -1.44	57.22 5.04 2.61	57.95 5.28 4.78	66.90 6.54 5.03	73.52 7.62 11.76	81.69 7.45 12.38	87.84 6.16 -0.65	84.15 5.43 -1.07	73.12 3.75 -1.23	59.66 2.85 -1.98	52.72 3.23 0.19
NPX_GEN_CSC 323557	51.25 3.04 0.00	45.78 3.51 -0.01	40.93 3.13 -0.01	38.25 2.90 -0.01	38.21 2.93 -0.01	38.28 3.03 -0.01	39.19 3.20 -0.01	39.54 3.03 -0.01	43.87 3.84 -0.01	48.77 4.55 -0.01	53.73 4.60 -3.10	55.52 4.91 -2.90	57.77 5.28 -1.74	60.64 5.16 -1.71	66.83 5.59 -6.44	67.38 5.86 -4.07	89.74 7.07 -17.28	239.00 8.15 -153.17	247.08 8.58 -151.87	91.15 7.30 -2.83	85.11 6.13 -1.33	73.86 4.23 -1.50	60.27 3.12 -2.31	53.37 3.88 0.19
NSINS_S_GLNS_FALLS 23858	50.77 2.56 0.00	44.55 2.28 0.00	39.83 2.04 0.00	37.25 1.91 0.00	37.18 1.91 0.00	37.08 1.83 0.00	37.82 1.84 0.00	38.43 1.93 0.00	42.18 2.16 0.00	46.60 2.39 0.00	48.05 2.03 0.00	49.85 2.15 0.00	53.04 2.28 0.00	56.35 2.58 0.00	57.43 2.63 0.00	60.20 2.76 0.00	68.67 3.27 0.00	82.02 4.35 0.00	92.26 5.63 0.00	86.14 5.10 0.00	82.85 5.20 0.00	71.89 3.75 0.00	58.02 3.18 0.00	52.57 2.88 0.00
NUCOR_STEEL___DRP 24197	48.89 0.67 0.00	42.61 0.34 0.00	38.09 0.30 0.00	35.56 0.21 0.00	35.39 0.11 0.00	35.39 0.14 0.00	36.20 0.22 0.00	36.76 0.26 0.00	40.30 0.28 0.00	44.56 0.35 0.00	46.35 0.32 0.00	48.04 0.33 0.00	51.01 0.25 0.00	54.14 0.38 0.00	55.13 0.33 0.00	57.79 0.34 0.00	66.05 0.65 0.00	78.21 0.54 0.00	87.66 1.04 0.00	82.16 1.13 0.00	78.50 0.85 0.00	68.28 0.14 0.00	55.33 0.49 0.00	50.18 0.50 0.00
NUMBER_THREE_WT_PWR 323818	49.51 1.30 0.00	43.24 0.97 0.00	38.70 0.91 0.00	36.05 0.71 0.00	36.05 0.78 0.00	36.37 1.13 0.00	37.06 1.08 0.00	37.45 0.95 0.00	40.94 0.92 0.00	45.09 0.88 0.00	46.90 0.87 0.00	48.08 0.38 0.00	51.06 0.31 0.00	54.09 0.32 0.00	54.74 -0.05 0.00	57.39 -0.06 0.00	65.46 0.07 0.00	78.44 0.78 0.00	88.79 2.17 0.00	83.87 2.83 0.00	80.52 2.87 0.00	70.66 2.52 0.00	56.43 1.59 0.00	51.07 1.39 0.00
NYISO_LBMP_REFERENCE 24008	48.21 0.00 0.00	42.27 0.00 0.00	37.79 0.00 0.00	35.34 0.00 0.00	35.28 0.00 0.00	35.25 0.00 0.00	35.98 0.00 0.00	36.50 0.00 0.00	40.02 0.00 0.00	44.21 0.00 0.00	46.02 0.00 0.00	47.70 0.00 0.00	50.75 0.00 0.00	53.76 0.00 0.00	54.80 0.00 0.00	57.45 0.00 0.00	65.40 0.00 0.00	77.67 0.00 0.00	86.63 0.00 0.00	81.03 0.00 0.00	77.65 0.00 0.00	68.14 0.00 0.00	54.84 0.00 0.00	49.68 0.00 0.00
NYPA_BRENTWD____GT 24164	52.17 3.95 0.00	46.54 4.27 -0.01	41.58 3.78 -0.01	38.89 3.53 -0.01	38.85 3.56 -0.01	38.88 3.63 -0.01	39.70 3.71 -0.01	40.23 3.72 -0.01	44.47 4.44 -0.01	49.39 5.17 -0.01	54.28 5.15 -3.10	56.48 5.39 -3.39	58.50 5.68 -2.07	61.34 5.54 -2.04	115.98 5.97 -55.21	66.42 6.09 -2.89	79.01 7.26 -6.35	119.73 7.84 -34.22	127.95 8.23 -33.09	90.86 7.61 -2.21	85.90 6.60 -1.66	74.60 4.64 -1.82	61.26 3.89 -2.53	54.36 4.67 -0.01

NYPA_GOWANUS____GT5 24156	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.36 5.95 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.76 5.12 0.01	71.54 3.41 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NYPA_GOWANUS____GT6 24157	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.07 2.82 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.59 3.56 -0.01	48.46 4.24 -0.01	50.55 4.51 -0.01	52.48 4.77 -0.01	56.04 5.28 -0.01	58.88 5.11 -0.01	60.01 5.21 -0.01	62.73 5.28 -0.01	71.36 5.95 -0.01	84.59 6.91 -0.01	93.82 7.19 -0.01	86.93 5.91 0.01	82.76 5.12 0.01	71.54 3.41 0.01	58.18 3.35 0.00	53.66 3.98 0.00
NYPA_HARLEM__RVR__GT1 24160	51.50 3.28 -0.01	45.32 3.04 -0.01	40.52 2.72 -0.01	37.93 2.58 -0.01	37.90 2.61 -0.01	37.93 2.68 -0.01	38.72 2.73 -0.01	39.32 2.81 -0.01	43.39 3.36 -0.01	48.11 3.89 -0.01	50.26 4.23 -0.01	52.15 4.44 -0.01	55.79 5.03 -0.01	58.61 4.84 -0.01	59.68 4.88 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.20 6.52 -0.01	93.48 6.84 -0.01	86.55 5.51 -0.01	82.39 4.74 -0.01	71.22 3.07 -0.01	57.92 3.07 -0.01	53.42 3.73 -0.01
NYPA_HARLEM__RVR__GT2 24161	51.50 3.28 -0.01	45.32 3.04 -0.01	40.52 2.72 -0.01	37.93 2.58 -0.01	37.90 2.61 -0.01	37.93 2.68 -0.01	38.72 2.73 -0.01	39.32 2.81 -0.01	43.39 3.36 -0.01	48.11 3.89 -0.01	50.26 4.23 -0.01	52.15 4.44 -0.01	55.79 5.03 -0.01	58.61 4.84 -0.01	59.68 4.88 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.20 6.52 -0.01	93.48 6.84 -0.01	86.55 5.51 -0.01	82.39 4.74 -0.01	71.22 3.07 -0.01	57.92 3.07 -0.01	53.42 3.73 -0.01
NYPA_KENT____GT 24152	51.50 3.28 0.00	45.45 3.17 -0.01	40.56 2.76 -0.01	38.00 2.65 -0.01	37.97 2.68 -0.01	37.97 2.71 -0.01	38.76 2.77 -0.01	39.36 2.85 -0.01	43.51 3.48 -0.01	48.33 4.11 -0.01	50.45 4.42 -0.01	52.34 4.63 -0.01	55.88 5.12 -0.01	58.71 4.94 0.00	59.84 5.04 0.00	62.56 5.11 0.00	71.22 5.82 0.00	84.35 6.68 0.00	93.64 7.01 0.00	86.69 5.67 0.01	82.61 4.97 0.01	68.23 3.27 3.19	58.07 3.23 0.00	53.51 3.83 0.00
NYPA_POUCH1____GT 24155	51.64 3.42 -0.01	45.57 3.30 -0.01	40.67 2.87 -0.01	38.07 2.72 -0.01	38.04 2.75 -0.01	38.04 2.78 -0.01	38.83 2.84 -0.01	39.43 2.92 -0.01	43.55 3.52 -0.01	48.37 4.15 -0.01	50.45 4.42 -0.01	52.44 4.72 -0.01	55.83 5.07 -0.01	58.72 4.94 -0.01	59.84 5.04 -0.01	62.56 5.11 -0.01	71.22 5.82 -0.01	84.43 6.75 -0.01	93.65 7.01 -0.01	86.69 5.67 0.01	82.61 4.97 0.01	71.40 3.27 0.01	58.07 3.23 0.00	53.56 3.88 0.00
NYPA_VERNON____GT2 24162	51.34 3.13 0.00	45.32 3.04 -0.01	40.44 2.64 -0.01	37.90 2.55 -0.01	37.86 2.57 -0.01	37.90 2.64 -0.01	38.69 2.70 -0.01	39.28 2.77 -0.01	43.39 3.36 -0.01	48.20 3.98 -0.01	50.31 4.28 -0.01	52.20 4.48 -0.01	55.74 4.98 -0.01	58.55 4.78 0.00	59.67 4.88 0.00	62.44 5.00 0.00	71.08 5.69 0.00	84.26 6.60 0.00	93.46 6.84 0.00	86.54 5.51 0.01	82.45 4.82 0.01	64.91 3.14 6.36	57.91 3.07 0.00	53.31 3.62 0.00
NYPA_VERNON____GT3 24163	51.34 3.13 0.00	45.32 3.04 -0.01	40.44 2.64 -0.01	37.90 2.55 -0.01	37.86 2.57 -0.01	37.90 2.64 -0.01	38.69 2.70 -0.01	39.28 2.77 -0.01	43.39 3.36 -0.01	48.20 3.98 -0.01	50.31 4.28 -0.01	52.20 4.48 -0.01	55.74 4.98 -0.01	58.55 4.78 0.00	59.67 4.88 0.00	62.44 5.00 0.00	71.08 5.69 0.00	84.26 6.60 0.00	93.46 6.84 0.00	86.54 5.51 0.01	82.45 4.82 0.01	64.91 3.14 6.36	57.91 3.07 0.00	53.31 3.62 0.00
NYPA__ASTORIA_CC1 323568	51.30 3.09 0.00	45.28 3.00 -0.01	40.40 2.61 -0.01	37.86 2.51 -0.01	37.83 2.54 -0.01	37.86 2.61 -0.01	38.65 2.66 -0.01	39.25 2.74 -0.01	43.35 3.32 -0.01	48.15 3.93 -0.01	50.26 4.23 -0.01	52.15 4.44 -0.01	55.63 4.87 -0.01	58.44 4.68 0.00	59.56 4.76 0.00	62.27 4.83 0.00	70.89 5.49 0.00	83.95 6.29 0.01	93.12 6.50 0.01	86.29 5.26 0.01	82.14 4.50 0.01	63.43 2.93 7.64	57.74 2.90 0.00	53.26 3.58 0.00
NYPA__ASTORIA_CC2 323569	51.30 3.09 0.00	45.28 3.00 -0.01	40.40 2.61 -0.01	37.86 2.51 -0.01	37.83 2.54 -0.01	37.86 2.61 -0.01	38.65 2.66 -0.01	39.25 2.74 -0.01	43.35 3.32 -0.01	48.15 3.93 -0.01	50.26 4.23 -0.01	52.15 4.44 -0.01	55.63 4.87 -0.01	58.44 4.68 0.00	59.56 4.76 0.00	62.27 4.83 0.00	70.89 5.49 0.00	83.95 6.29 0.01	93.12 6.50 0.01	86.29 5.26 0.01	82.14 4.50 0.01	63.43 2.93 7.64	57.74 2.90 0.00	53.26 3.58 0.00
NYPA__HOLTSVILL 23794	51.54 3.32 0.00	46.12 3.85 -0.01	41.20 3.40 -0.01	38.53 3.18 -0.01	38.50 3.21 -0.01	38.53 3.28 -0.01	39.37 3.38 -0.01	39.86 3.36 -0.01	44.11 4.08 -0.01	48.95 4.73 -0.01	53.82 4.70 -3.10	55.48 4.91 -2.86	57.70 5.23 -1.72	60.51 5.05 -1.70	74.51 5.43 -14.29	78.95 5.63 -15.88	101.10 6.74 -28.97	235.86 7.77 -150.43	243.91 8.14 -149.15	91.82 6.97 -3.82	84.93 5.98 -1.31	73.84 4.23 -1.47	60.21 3.29 -2.08	53.81 4.12 -0.01
NYPA____HELLGATE_GT1 24158	51.50 3.28 -0.01	45.32 3.04 -0.01	40.52 2.72 -0.01	37.93 2.58 -0.01	37.90 2.61 -0.01	37.93 2.68 -0.01	38.72 2.73 -0.01	39.32 2.81 -0.01	43.39 3.36 -0.01	48.11 3.89 -0.01	50.26 4.23 -0.01	52.15 4.44 -0.01	55.79 5.03 -0.01	58.61 4.84 -0.01	59.68 4.88 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.20 6.52 -0.01	93.48 6.84 -0.01	86.55 5.51 -0.01	82.39 4.74 -0.01	71.22 3.07 -0.01	57.92 3.07 -0.01	53.42 3.73 -0.01
NYPA____HELLGATE_GT2 24159	51.50 3.28 -0.01	45.32 3.04 -0.01	40.52 2.72 -0.01	37.93 2.58 -0.01	37.90 2.61 -0.01	37.93 2.68 -0.01	38.72 2.73 -0.01	39.32 2.81 -0.01	43.39 3.36 -0.01	48.11 3.89 -0.01	50.26 4.23 -0.01	52.15 4.44 -0.01	55.79 5.03 -0.01	58.61 4.84 -0.01	59.68 4.88 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.20 6.52 -0.01	93.48 6.84 -0.01	86.55 5.51 -0.01	82.39 4.74 -0.01	71.22 3.07 -0.01	57.92 3.07 -0.01	53.42 3.73 -0.01
NYS_BARGE__HYD 23848	47.73 -0.48 0.00	41.72 -0.55 0.00	37.11 -0.68 0.00	34.50 -0.85 0.00	34.22 -1.06 0.00	34.05 -1.20 0.00	34.98 -1.01 0.00	36.02 -0.48 0.00	38.78 -1.24 0.00	42.27 -1.94 0.00	43.26 -2.76 0.00	44.84 -2.86 0.00	47.10 -3.65 0.00	50.16 -3.60 0.00	51.02 -3.78 0.00	54.11 -3.33 0.00	61.93 -3.47 0.00	72.15 -5.51 0.00	81.69 -4.93 0.00	76.81 -4.22 0.00	72.91 -4.74 0.00	61.81 -6.34 0.00	52.37 -2.47 0.00	48.19 -1.49 0.00
OAK ORCHARD__HYD 24046	48.26 0.05 0.00	41.93 -0.34 0.00	37.41 -0.38 0.00	34.81 -0.53 0.00	34.65 -0.63 0.00	34.50 -0.74 0.00	35.37 -0.61 0.00	36.21 -0.29 0.00	39.46 -0.56 0.00	43.50 -0.71 0.00	45.06 -0.97 0.00	46.75 -0.95 0.00	49.49 -1.27 0.00	52.63 -1.13 0.00	53.48 -1.32 0.00	56.35 -1.09 0.00	64.48 -0.92 0.00	75.65 -2.02 0.00	85.15 -1.47 0.00	80.14 -0.89 0.00	76.25 -1.40 0.00	65.48 -2.66 0.00	54.24 -0.60 0.00	49.34 -0.35 0.00

OAKDALE___35_KV_LOAD 356122	48.65 0.43 0.00	42.48 0.21 0.00	37.94 0.15 0.00	35.49 0.14 0.00	35.31 0.04 0.00	35.28 0.04 0.00	36.05 0.07 0.00	36.72 0.22 0.00	40.22 0.20 0.00	44.39 0.18 0.00	46.12 0.09 0.00	47.80 0.10 0.00	50.80 0.05 0.00	53.82 0.05 0.00	54.80 0.00 0.00	57.56 0.11 0.00	65.79 0.39 0.00	77.82 0.16 0.00	87.15 0.52 0.00	81.52 0.49 0.00	77.80 0.16 0.00	67.53 -0.61 0.00	54.89 0.05 0.00	49.93 0.25 0.00
OCC_CHEM___DRP 24175	46.48 -1.74 0.00	40.32 -1.94 0.00	36.09 -1.70 0.00	33.58 -1.77 0.00	33.30 -1.98 0.00	33.10 -2.15 0.00	34.00 -1.98 0.00	35.04 -1.46 0.00	37.90 -2.12 0.00	41.38 -2.83 0.00	42.43 -3.59 0.00	43.98 -3.72 0.00	46.64 -4.11 0.00	49.46 -4.30 0.00	50.25 -4.55 0.00	53.14 -4.31 0.00	60.95 -4.45 0.00	70.91 -6.76 0.00	80.13 -6.50 0.00	75.36 -5.67 0.00	71.20 -6.44 0.00	60.51 -7.63 0.00	50.45 -4.39 0.00	46.70 -2.98 0.00
OH_GEN_PROXY 24063	46.96 -1.25 0.00	41.00 -1.27 0.00	36.51 -1.29 0.00	34.00 -1.34 0.00	33.73 -1.55 0.00	33.52 -1.73 0.00	34.40 -1.58 0.00	35.44 -1.06 0.00	38.38 -1.64 0.00	42.00 -2.21 0.00	43.03 -2.99 0.00	44.60 -3.10 0.00	47.05 -3.70 0.00	50.11 -3.66 0.00	50.96 -3.84 0.00	54.00 -3.45 0.00	61.80 -3.60 0.00	72.00 -5.67 0.00	81.43 -5.20 0.00	76.49 -4.54 0.00	72.60 -5.05 0.00	61.60 -6.54 0.00	52.30 -2.74 -0.20	47.49 -1.99 0.20
OLIN_CORP_DRP 24177	47.20 -1.01 0.00	41.13 -1.14 0.00	36.77 -1.02 0.00	34.21 -1.13 0.00	33.94 -1.34 0.00	33.73 -1.52 0.00	34.65 -1.33 0.00	35.70 -0.80 0.00	38.42 -1.60 0.00	41.60 -2.61 0.00	42.66 -3.36 0.00	44.22 -3.48 0.00	46.79 -3.96 0.00	49.63 -4.14 0.00	50.41 -4.38 0.00	53.37 -4.08 0.00	61.21 -4.19 0.00	71.30 -6.37 0.00	80.73 -5.89 0.00	75.84 -5.19 0.00	71.67 -5.98 0.00	60.92 -7.22 0.00	50.78 -4.06 0.00	47.40 -2.29 0.00
OLIN_CORP_DSASP 323712	46.48 -1.73 0.00	40.53 -1.73 0.00	36.09 -1.70 0.00	33.58 -1.77 0.00	33.30 -1.97 0.00	33.09 -2.15 0.00	34.00 -1.98 0.00	35.04 -1.46 0.00	37.90 -2.12 0.00	41.47 -2.74 0.00	42.39 -3.64 0.00	43.98 -3.72 0.00	46.39 -4.37 0.00	49.41 -4.35 0.00	50.25 -4.55 0.00	53.25 -4.19 0.00	60.95 -4.45 0.00	70.91 -6.76 0.00	80.13 -6.50 0.00	75.36 -5.67 0.00	71.51 -6.14 0.00	60.57 -7.57 0.00	51.44 -3.40 0.00	47.10 -2.59 0.00
ONEIDA_HERK_LFGE 323681	49.56 1.35 0.00	43.32 1.06 0.00	38.74 0.95 0.00	36.12 0.78 0.00	36.09 0.81 0.00	36.20 0.95 0.00	36.95 0.97 0.00	37.41 0.91 0.00	41.02 1.00 0.00	45.23 1.02 0.00	47.04 1.01 0.00	48.56 0.86 0.00	51.61 0.86 0.00	54.73 0.97 0.00	55.51 0.71 0.00	58.19 0.74 0.00	66.38 0.98 0.00	79.22 1.55 0.00	89.14 2.51 0.00	83.70 2.67 0.00	80.29 2.64 0.00	70.26 2.11 0.00	56.37 1.53 0.00	51.07 1.39 0.00
ONEIDA___115KV_TB4 55905	49.66 1.45 0.00	43.41 1.14 0.00	38.81 1.02 0.00	36.16 0.81 0.00	36.09 0.81 0.00	36.09 0.85 0.00	36.85 0.86 0.00	37.34 0.84 0.00	40.98 0.96 0.00	45.18 0.97 0.00	46.99 0.97 0.00	48.66 0.95 0.00	51.82 1.07 0.00	55.00 1.24 0.00	55.78 0.99 0.00	58.54 1.09 0.00	66.84 1.44 0.00	79.61 1.94 0.00	89.40 2.77 0.00	83.87 2.84 0.00	80.21 2.56 0.00	70.05 1.91 0.00	56.37 1.54 0.00	51.12 1.44 0.00
ONONDAGA_REF_OCCRA 23987	48.12 -0.10 0.00	41.97 -0.30 0.00	37.53 -0.26 0.00	35.06 -0.28 0.00	34.93 -0.35 0.00	34.89 -0.35 0.00	35.66 -0.32 0.00	36.24 -0.26 0.00	39.78 -0.24 0.00	43.94 -0.27 0.00	45.75 -0.28 0.00	47.42 -0.29 0.00	50.40 -0.36 0.00	53.50 -0.27 0.00	54.47 -0.33 0.00	57.16 -0.29 0.00	65.27 -0.13 0.00	77.28 -0.39 0.00	86.45 -0.17 0.00	80.95 -0.08 0.00	77.34 -0.31 0.00	67.39 -0.75 0.00	54.51 -0.33 0.00	49.48 -0.20 0.00
ONONDAGA___COGEN 23986	48.26 0.05 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.17 -0.18 0.00	35.03 -0.25 0.00	35.00 -0.25 0.00	35.80 -0.18 0.00	36.35 -0.15 0.00	39.90 -0.12 0.00	44.12 -0.09 0.00	45.93 -0.09 0.00	47.61 -0.10 0.00	50.60 -0.15 0.00	53.66 -0.11 0.00	54.63 -0.16 0.00	57.33 -0.11 0.00	65.46 0.07 0.00	77.51 -0.16 0.00	86.63 0.00 0.00	81.11 0.08 0.00	77.49 -0.16 0.00	67.53 -0.61 0.00	54.67 -0.16 0.00	49.58 -0.10 0.00
ONTARIO___LFGE 23819	48.98 0.77 0.00	42.56 0.30 0.00	37.98 0.19 0.00	35.41 0.07 0.00	35.24 -0.04 0.00	35.21 -0.04 0.00	36.05 0.07 0.00	36.76 0.26 0.00	40.14 0.12 0.00	44.34 0.13 0.00	45.98 -0.05 0.00	47.66 -0.05 0.00	50.24 -0.51 0.00	53.39 -0.37 0.00	54.30 -0.49 0.00	57.16 -0.29 0.00	65.46 0.07 0.00	77.36 -0.31 0.00	87.15 0.52 0.00	81.84 0.81 0.00	78.11 0.47 0.00	67.39 -0.75 0.00	55.23 0.39 0.00	50.08 0.40 0.00
ORANGEVILLE_WT_PWR 323706	47.92 -0.29 0.00	41.68 -0.59 0.00	37.11 -0.68 0.00	34.57 -0.78 0.00	34.26 -1.02 0.00	34.15 -1.09 0.00	35.05 -0.94 0.00	35.99 -0.51 0.00	39.02 -1.00 0.00	42.79 -1.42 0.00	43.91 -2.12 0.00	45.37 -2.34 0.00	47.81 -2.94 0.00	50.86 -2.90 0.00	51.73 -3.07 0.00	54.63 -2.81 0.00	62.71 -2.68 0.00	73.47 -4.20 0.00	83.42 -3.20 0.00	78.68 -2.35 0.00	75.01 -2.64 0.00	63.85 -4.29 0.00	53.47 -1.37 0.00	48.79 -0.89 0.00
ORANGEVILLE___ESR 323794	47.92 -0.29 0.00	41.68 -0.59 0.00	37.11 -0.68 0.00	34.57 -0.78 0.00	34.26 -1.02 0.00	34.15 -1.09 0.00	35.05 -0.94 0.00	35.99 -0.51 0.00	39.02 -1.00 0.00	42.79 -1.42 0.00	43.91 -2.12 0.00	45.37 -2.34 0.00	47.81 -2.94 0.00	50.86 -2.90 0.00	51.73 -3.07 0.00	54.63 -2.81 0.00	62.71 -2.68 0.00	73.47 -4.20 0.00	83.42 -3.20 0.00	78.68 -2.35 0.00	75.01 -2.64 0.00	63.85 -4.29 0.00	53.47 -1.37 0.00	48.79 -0.89 0.00
OSWEGATCHIE___HYD 24044	49.08 0.87 0.00	42.90 0.63 0.00	38.39 0.60 0.00	35.77 0.43 0.00	35.81 0.53 0.00	35.91 0.67 0.00	36.63 0.65 0.00	36.97 0.47 0.00	40.34 0.32 0.00	44.52 0.31 0.00	46.30 0.28 0.00	47.75 0.05 0.00	50.75 0.00 0.00	53.71 -0.05 0.00	54.42 -0.38 0.00	56.98 -0.46 0.00	64.81 -0.59 0.00	77.59 -0.08 0.00	87.49 0.87 0.00	82.73 1.70 0.00	79.66 2.02 0.00	70.26 2.11 0.00	55.99 1.15 0.00	50.48 0.79 0.00
OSWEGO___5 23606	47.35 -0.87 0.00	41.38 -0.89 0.00	37.00 -0.80 0.00	34.57 -0.78 0.00	34.47 -0.81 0.00	34.44 -0.81 0.00	35.19 -0.79 0.00	35.73 -0.77 0.00	39.18 -0.84 0.00	43.28 -0.93 0.00	45.01 -1.01 0.00	46.66 -1.05 0.00	49.59 -1.17 0.00	52.58 -1.18 0.00	53.59 -1.21 0.00	56.24 -1.21 0.00	64.09 -1.31 0.00	75.96 -1.71 0.00	84.89 -1.73 0.00	79.49 -1.54 0.00	76.01 -1.63 0.00	66.30 -1.84 0.00	53.74 -1.10 0.00	48.74 -0.95 0.00
OSWEGO___6 23613	47.35 -0.87 0.00	41.38 -0.89 0.00	37.00 -0.80 0.00	34.57 -0.78 0.00	34.47 -0.81 0.00	34.44 -0.81 0.00	35.19 -0.79 0.00	35.73 -0.77 0.00	39.18 -0.84 0.00	43.28 -0.93 0.00	45.01 -1.01 0.00	46.66 -1.05 0.00	49.59 -1.17 0.00	52.58 -1.18 0.00	53.59 -1.21 0.00	56.24 -1.21 0.00	64.09 -1.31 0.00	75.96 -1.71 0.00	84.89 -1.73 0.00	79.49 -1.54 0.00	76.01 -1.63 0.00	66.30 -1.84 0.00	53.74 -1.10 0.00	48.74 -0.95 0.00

OUTOKUMPU-AB___DRP 24206	47.78 -0.43 0.00	41.46 -0.80 0.00	37.07 -0.72 0.00	34.46 -0.88 0.00	34.19 -1.09 0.00	34.01 -1.23 0.00	34.94 -1.04 0.00	35.99 -0.51 0.00	38.86 -1.16 0.00	42.49 -1.72 0.00	43.58 -2.44 0.00	45.22 -2.48 0.00	47.91 -2.84 0.00	50.75 -3.01 0.00	51.56 -3.23 0.00	54.63 -2.81 0.00	62.65 -2.75 0.00	73.09 -4.58 0.00	82.47 -4.16 0.00	77.63 -3.40 0.00	73.38 -4.27 0.00	62.35 -5.79 0.00	51.88 -2.96 0.00	48.04 -1.64 0.00
OXBOW___BTM 323836	47.25 -0.96 0.00	41.21 -1.06 0.00	36.66 -1.13 0.00	34.07 -1.27 0.00	33.80 -1.48 0.00	33.62 -1.62 0.00	34.51 -1.48 0.00	35.59 -0.91 0.00	38.46 -1.56 0.00	42.13 -2.08 0.00	43.08 -2.95 0.00	44.70 -3.00 0.00	47.10 -3.65 0.00	50.21 -3.55 0.00	51.02 -3.78 0.00	54.17 -3.27 0.00	61.99 -3.40 0.00	72.15 -5.51 0.00	81.08 -5.55 0.00	76.65 -4.38 0.00	72.76 -4.89 0.00	61.67 -6.47 0.00	52.32 -2.52 0.00	47.85 -1.84 0.00
OXBOW___ 24026	47.20 -1.01 0.00	41.00 -1.27 0.00	36.66 -1.13 0.00	34.07 -1.27 0.00	33.80 -1.48 0.00	33.62 -1.62 0.00	34.51 -1.48 0.00	35.59 -0.91 0.00	38.46 -1.56 0.00	42.00 -2.21 0.00	43.08 -2.95 0.00	44.70 -3.01 0.00	47.35 -3.40 0.00	50.22 -3.55 0.00	51.02 -3.78 0.00	54.00 -3.45 0.00	62.00 -3.40 0.00	72.15 -5.51 0.00	81.08 -5.54 0.00	76.65 -4.38 0.00	72.44 -5.20 0.00	61.60 -6.54 0.00	51.33 -3.51 0.00	47.45 -2.24 0.00
OXY_CHEM_DSASP 323612	46.48 -1.74 0.00	40.32 -1.94 0.00	36.09 -1.70 0.00	33.58 -1.77 0.00	33.30 -1.98 0.00	33.10 -2.15 0.00	34.00 -1.98 0.00	35.04 -1.46 0.00	37.90 -2.12 0.00	41.38 -2.83 0.00	42.43 -3.59 0.00	43.98 -3.72 0.00	46.64 -4.11 0.00	49.46 -4.30 0.00	50.25 -4.55 0.00	53.14 -4.31 0.00	60.95 -4.45 0.00	70.91 -6.76 0.00	80.13 -6.50 0.00	75.36 -5.67 0.00	71.20 -6.44 0.00	60.51 -7.63 0.00	50.45 -4.39 0.00	46.70 -2.98 0.00
OZONE_PARK_ESR 323760	51.68 3.47 0.00	45.56 3.30 0.00	40.59 2.80 0.00	38.03 2.69 0.00	38.00 2.72 0.00	38.03 2.78 0.00	38.83 2.84 0.00	39.46 2.96 0.00	43.58 3.56 0.00	48.50 4.29 0.00	50.58 4.56 0.00	52.52 4.82 0.00	56.03 5.28 0.00	59.09 5.32 0.00	60.44 5.64 0.00	63.42 5.97 0.00	72.33 6.93 0.00	85.67 8.00 0.00	95.03 8.40 0.00	88.00 6.97 0.00	83.86 6.21 0.00	72.37 4.22 0.00	58.90 4.06 0.00	53.76 4.07 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	46.48 -1.74 0.00	40.32 -1.94 0.00	36.09 -1.70 0.00	33.58 -1.77 0.00	33.30 -1.98 0.00	33.10 -2.15 0.00	34.00 -1.98 0.00	35.04 -1.46 0.00	37.90 -2.12 0.00	41.38 -2.83 0.00	42.43 -3.59 0.00	43.98 -3.72 0.00	46.64 -4.11 0.00	49.46 -4.30 0.00	50.25 -4.55 0.00	53.14 -4.31 0.00	60.95 -4.45 0.00	70.91 -6.76 0.00	80.13 -6.50 0.00	75.36 -5.67 0.00	71.20 -6.44 0.00	60.51 -7.63 0.00	50.45 -4.39 0.00	46.70 -2.98 0.00
PACKARD__115KV_DUPONT_184 80571	46.48 -1.74 0.00	40.32 -1.94 0.00	36.09 -1.70 0.00	33.58 -1.77 0.00	33.30 -1.98 0.00	33.10 -2.15 0.00	34.00 -1.98 0.00	35.04 -1.46 0.00	37.90 -2.12 0.00	41.38 -2.83 0.00	42.43 -3.59 0.00	43.98 -3.72 0.00	46.64 -4.11 0.00	49.46 -4.30 0.00	50.25 -4.55 0.00	53.14 -4.31 0.00	60.95 -4.45 0.00	70.91 -6.76 0.00	80.13 -6.50 0.00	75.36 -5.67 0.00	71.20 -6.44 0.00	60.51 -7.63 0.00	50.45 -4.39 0.00	46.70 -2.98 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.50 3.28 -0.01	45.35 3.09 0.00	40.47 2.68 0.00	37.92 2.58 0.00	37.89 2.61 0.00	37.92 2.68 0.00	38.72 2.73 0.00	39.31 2.81 0.00	43.38 3.36 0.00	48.14 3.93 0.00	50.30 4.28 0.00	52.19 4.48 0.00	55.62 4.87 0.00	58.67 4.89 -0.01	59.74 4.93 -0.01	62.45 5.00 -0.01	71.09 5.69 -0.01	84.28 6.60 -0.01	93.48 6.84 -0.01	86.56 5.51 -0.02	82.40 4.74 -0.02	71.21 3.07 -0.01	58.30 3.45 -0.01	53.47 3.78 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	52.32 4.10 -0.01	46.11 3.85 0.00	41.15 3.36 0.00	38.52 3.18 0.00	38.49 3.21 0.00	38.49 3.24 0.00	39.29 3.31 0.00	39.89 3.39 0.00	44.02 4.00 0.00	48.90 4.69 0.00	51.09 5.06 0.00	53.00 5.30 0.00	56.54 5.79 0.00	59.63 5.86 -0.01	60.72 5.92 -0.01	63.43 5.97 -0.01	72.27 6.87 -0.01	85.60 7.92 -0.01	94.95 8.32 -0.01	87.93 6.89 -0.02	83.80 6.13 -0.02	72.31 4.16 -0.01	59.18 4.33 -0.01	54.31 4.62 -0.01
PATROON__115KV_TB1 80586	49.51 1.30 0.00	43.45 1.18 0.00	38.96 1.17 0.00	36.48 1.13 0.00	36.44 1.16 0.00	36.37 1.13 0.00	37.10 1.12 0.00	37.59 1.09 0.00	41.34 1.32 0.00	45.62 1.41 0.00	47.40 1.38 0.00	49.14 1.43 0.00	52.38 1.62 0.00	55.54 1.77 0.00	56.77 1.97 0.00	59.46 2.01 0.00	67.69 2.29 0.00	80.54 2.87 0.00	89.57 2.95 0.00	83.38 2.35 0.00	79.82 2.17 0.00	69.57 1.43 0.00	56.26 1.43 0.00	51.07 1.39 0.00
PATTRSNVILLE___SOLAR 323815	50.33 2.12 0.00	44.12 1.86 0.00	39.45 1.66 0.00	36.90 1.55 0.00	36.83 1.55 0.00	36.76 1.51 0.00	37.46 1.48 0.00	37.96 1.46 0.00	41.58 1.56 0.00	45.85 1.64 0.00	47.63 1.61 0.00	49.37 1.67 0.00	52.53 1.78 0.00	55.70 1.93 0.00	56.77 1.97 0.00	59.51 2.07 0.00	67.82 2.42 0.00	80.93 3.26 0.00	90.70 4.07 0.00	84.92 3.89 0.00	81.45 3.80 0.00	71.00 2.86 0.00	57.31 2.47 0.00	52.02 2.34 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	47.83 -0.39 0.00	41.46 -0.80 0.00	37.04 -0.76 0.00	34.46 -0.88 0.00	34.19 -1.09 0.00	34.01 -1.23 0.00	34.90 -1.08 0.00	35.99 -0.51 0.00	38.94 -1.08 0.00	42.71 -1.50 0.00	43.91 -2.12 0.00	45.56 -2.15 0.00	48.32 -2.44 0.00	51.24 -2.53 0.00	52.11 -2.69 0.00	55.20 -2.24 0.00	63.30 -2.09 0.00	74.09 -3.57 0.00	83.85 -2.77 0.00	78.60 -2.43 0.00	74.38 -3.26 0.00	63.23 -4.91 0.00	52.48 -2.36 0.00	48.24 -1.44 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	51.20 2.99 0.00	44.97 2.71 0.00	40.17 2.38 0.00	37.61 2.26 0.00	37.57 2.29 0.00	37.54 2.29 0.00	38.32 2.34 0.00	38.84 2.34 0.00	42.94 2.92 0.00	47.66 3.45 0.00	49.75 3.73 0.00	51.66 3.96 0.00	55.12 4.36 0.00	58.34 4.57 0.00	59.62 4.82 0.00	62.56 5.11 0.00	71.61 6.21 0.00	84.89 7.22 0.00	94.34 7.71 0.00	87.19 6.16 0.00	83.08 5.44 0.00	72.02 3.88 0.00	58.29 3.45 0.00	53.11 3.43 0.00
PEEKSKILL___ 23653	50.72 2.51 0.00	44.63 2.37 0.00	39.87 2.08 0.00	37.39 2.05 0.00	37.32 2.05 0.00	37.36 2.11 0.00	38.10 2.12 0.00	38.65 2.15 0.00	42.70 2.68 0.00	47.35 3.14 0.00	49.38 3.36 0.00	51.28 3.58 0.00	54.71 3.96 0.00	57.69 3.92 0.00	59.02 4.22 0.00	61.93 4.48 0.00	70.69 5.29 0.00	83.80 6.13 0.00	93.04 6.41 0.00	86.22 5.19 0.00	82.15 4.50 0.00	71.14 2.99 0.00	57.53 2.69 0.00	52.66 2.98 0.00
PGE MADISON___WINDPWR 24146	51.98 3.76 0.00	45.35 3.08 0.00	40.55 2.76 0.00	37.64 2.30 0.00	37.61 2.33 0.00	37.64 2.40 0.00	38.50 2.52 0.00	39.05 2.55 0.00	42.78 2.76 0.00	47.08 2.87 0.00	48.79 2.76 0.00	50.47 2.77 0.00	53.54 2.79 0.00	56.88 3.12 0.00	57.26 2.47 0.00	60.15 2.70 0.00	68.86 3.46 0.00	82.41 4.74 0.00	93.73 7.10 0.00	88.33 7.30 0.00	84.48 6.83 0.00	73.39 5.25 0.00	59.23 4.39 0.00	53.71 4.02 0.00

PIERCEFIELD___HYD 23852	48.65 0.43 0.00	42.65 0.38 0.00	38.13 0.34 0.00	35.63 0.28 0.00	35.63 0.35 0.00	35.63 0.39 0.00	36.38 0.40 0.00	36.72 0.22 0.00	39.94 -0.08 0.00	44.16 -0.04 0.00	46.02 0.00 0.00	47.61 -0.10 0.00	50.60 -0.15 0.00	53.44 -0.32 0.00	54.25 -0.55 0.00	56.70 -0.75 0.00	64.22 -1.18 0.00	76.74 -0.93 0.00	86.11 -0.52 0.00	81.60 0.57 0.00	78.66 1.01 0.00	69.91 1.77 0.00	55.50 0.66 0.00	49.98 0.30 0.00
PINELAWN_CC_1 323563	51.87 3.66 0.00	46.16 3.89 -0.01	41.20 3.40 -0.01	38.57 3.22 -0.01	38.53 3.24 -0.01	38.57 3.31 -0.01	39.37 3.38 -0.01	39.90 3.40 -0.01	44.07 4.04 -0.01	48.95 4.73 -0.01	53.87 4.74 -3.10	58.52 4.53 -6.28	59.64 4.92 -3.97	62.43 4.78 -3.88	72.07 4.93 -12.34	68.10 5.23 -5.43	79.17 6.28 -7.49	99.18 7.22 -14.29	106.64 7.53 -12.48	90.98 6.40 -3.55	86.05 5.51 -2.89	75.21 3.75 -3.33	63.07 3.46 -4.77	54.11 4.42 -0.01
PJM_GEN_HTP_PROXY 323702	51.10 2.89 0.00	45.01 2.75 0.00	40.17 2.38 0.00	37.68 2.33 0.00	37.64 2.36 0.00	37.64 2.40 0.00	38.43 2.45 0.00	39.05 2.55 0.00	43.14 3.12 0.00	47.92 3.71 0.00	49.98 3.96 0.00	51.90 4.20 0.00	55.37 4.62 0.00	58.39 4.62 0.00	59.67 4.88 0.00	62.56 5.11 0.00	71.41 6.01 0.00	84.58 6.91 0.00	93.81 7.19 0.00	86.94 5.91 0.00	82.77 5.12 0.00	71.55 3.41 0.00	58.11 3.07 -0.20	52.86 3.38 0.20
PJM_GEN_KEystone 24065	48.89 0.67 0.00	42.86 0.59 0.00	38.25 0.46 0.00	35.77 0.43 0.00	35.63 0.35 0.00	35.60 0.35 0.00	36.34 0.36 0.00	37.12 0.62 0.00	40.66 0.64 0.00	44.91 0.71 0.00	46.58 0.55 0.00	48.32 0.62 0.00	51.36 0.61 0.00	54.30 0.54 0.00	55.46 0.66 0.00	58.36 0.92 0.00	66.70 1.31 0.00	78.75 1.09 0.00	88.01 1.38 0.00	82.01 0.98 0.00	78.03 0.39 0.00	67.19 -0.95 0.00	55.32 0.28 -0.20	50.23 0.75 0.20
PJM_GEN_NEPTUNE_PROXY 323594	51.25 3.04 0.00	45.53 3.25 -0.01	40.63 2.84 -0.01	38.11 2.76 -0.01	38.07 2.79 -0.01	38.07 2.82 -0.01	38.87 2.88 -0.01	39.46 2.96 -0.01	43.55 3.52 -0.01	48.28 4.06 -0.01	53.22 4.09 -3.10	52.89 4.30 -0.89	55.88 4.72 -0.41	58.84 4.68 -0.40	60.36 4.99 -0.57	63.25 5.23 -0.58	72.18 6.15 -0.63	85.24 7.14 -0.43	94.36 7.45 -0.28	87.64 6.24 -0.37	83.37 5.43 -0.30	72.30 3.81 -0.34	58.85 3.40 -0.61	53.26 3.77 0.19
PJM_GEN_VFT_PROXY 323633	50.86 2.65 0.00	44.80 2.54 0.00	39.98 2.19 0.00	37.50 2.16 0.00	37.47 2.19 0.00	37.50 2.26 0.00	38.29 2.30 0.00	38.91 2.41 0.00	42.98 2.96 0.00	47.75 3.54 0.00	49.84 3.82 0.00	51.66 3.96 0.00	55.17 4.41 0.00	58.07 4.30 0.00	59.40 4.60 0.00	62.21 4.77 0.00	71.02 5.62 0.00	84.11 6.44 0.00	93.30 6.67 0.00	86.36 5.35 0.02	82.29 4.66 0.02	71.05 2.93 0.02	57.77 2.74 -0.19	52.61 3.13 0.21
PLATSBURG_115KV_PMLD1 355749	48.26 0.05 0.00	42.27 0.00 0.00	37.79 0.00 0.00	35.41 0.07 0.00	35.46 0.18 0.00	35.39 0.14 0.00	36.13 0.14 0.00	36.50 0.00 0.00	39.74 -0.28 0.00	43.99 -0.22 0.00	45.93 -0.09 0.00	47.51 -0.19 0.00	50.19 -0.56 0.00	53.01 -0.75 0.00	53.81 -0.99 0.00	56.24 -1.21 0.00	63.57 -1.83 0.00	75.80 -1.86 0.00	84.55 -2.08 0.00	80.06 -0.97 0.00	77.18 -0.47 0.00	68.55 0.41 0.00	54.62 -0.22 0.00	49.53 -0.15 0.00
PLEASANTVLY___LBMP 24000	50.43 2.22 0.00	44.38 2.11 0.00	39.60 1.81 0.00	37.11 1.77 0.00	37.08 1.80 0.00	37.08 1.83 0.00	37.82 1.84 0.00	38.36 1.86 0.00	42.30 2.28 0.00	46.86 2.65 0.00	48.83 2.81 0.00	50.71 3.01 0.00	54.00 3.25 0.00	57.10 3.33 0.00	58.36 3.56 0.00	61.24 3.79 0.00	69.78 4.38 0.00	82.79 5.13 0.00	91.91 5.28 0.00	85.33 4.29 0.00	81.37 3.73 0.00	70.66 2.52 0.00	57.31 2.47 0.00	52.22 2.53 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.77 2.56 0.00	44.72 2.45 0.00	39.87 2.08 0.00	37.36 2.01 0.00	37.33 2.05 0.00	37.32 2.08 0.00	38.11 2.12 0.00	38.65 2.15 0.00	42.66 2.64 0.00	47.30 3.09 0.00	49.34 3.31 0.00	51.23 3.53 0.00	54.61 3.86 0.00	57.69 3.92 0.00	59.07 4.27 0.00	61.98 4.54 0.00	70.69 5.30 0.00	83.80 6.14 0.00	92.95 6.32 0.00	86.22 5.19 0.00	82.15 4.50 0.00	71.14 3.00 0.00	57.75 2.91 0.00	52.66 2.98 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	50.77 2.56 0.00	44.72 2.45 0.00	39.87 2.08 0.00	37.36 2.01 0.00	37.33 2.05 0.00	37.32 2.08 0.00	38.11 2.12 0.00	38.65 2.15 0.00	42.66 2.64 0.00	47.30 3.09 0.00	49.34 3.31 0.00	51.23 3.53 0.00	54.61 3.86 0.00	57.69 3.92 0.00	59.07 4.27 0.00	61.98 4.54 0.00	70.69 5.30 0.00	83.80 6.14 0.00	92.95 6.32 0.00	86.22 5.19 0.00	82.15 4.50 0.00	71.14 3.00 0.00	57.75 2.91 0.00	52.66 2.98 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.86 2.65 0.00	44.72 2.45 0.00	39.91 2.12 0.00	37.39 2.05 0.00	37.36 2.08 0.00	37.32 2.08 0.00	38.03 2.05 0.00	38.54 2.04 0.00	42.54 2.52 0.00	47.13 2.92 0.00	49.20 3.18 0.00	51.00 3.29 0.00	54.36 3.60 0.00	57.47 3.71 0.00	58.80 4.00 0.00	61.70 4.25 0.00	70.43 5.04 0.00	83.65 5.98 0.00	93.04 6.41 0.00	86.38 5.35 0.00	82.30 4.66 0.00	71.48 3.34 0.00	57.96 3.13 0.00	52.71 3.03 0.00
POLETTI_____ 23519	51.11 2.89 0.00	45.06 2.79 0.00	40.13 2.34 0.00	37.64 2.30 0.00	37.61 2.33 0.00	37.64 2.40 0.00	38.43 2.45 0.00	39.02 2.52 0.00	43.10 3.08 0.00	47.92 3.71 0.00	50.03 4.00 0.00	51.90 4.20 0.00	55.32 4.57 0.00	58.34 4.57 0.00	59.67 4.88 0.00	62.56 5.11 0.00	71.35 5.95 0.00	84.50 6.83 0.00	93.73 7.10 0.00	86.78 5.75 0.00	82.69 5.05 0.00	71.41 3.27 0.00	58.13 3.29 0.00	53.11 3.43 0.00
POMONA___ESR 323819	50.72 2.51 0.00	44.59 2.32 0.00	39.87 2.08 0.00	37.39 2.05 0.00	37.32 2.05 0.00	37.32 2.08 0.00	38.07 2.09 0.00	38.62 2.12 0.00	42.62 2.60 0.00	47.26 3.05 0.00	49.34 3.32 0.00	51.19 3.48 0.00	54.61 3.86 0.00	57.64 3.87 0.00	58.96 4.16 0.00	61.81 4.36 0.00	70.63 5.23 0.00	83.73 6.06 0.00	92.95 6.32 0.00	86.22 5.19 0.00	82.07 4.42 0.00	71.14 2.99 0.00	57.53 2.69 0.00	52.66 2.98 0.00
PORT_JEFF_3 23555	51.69 3.47 0.00	46.16 3.89 -0.01	41.27 3.47 -0.01	38.57 3.22 -0.01	38.53 3.24 -0.01	38.60 3.35 -0.01	39.41 3.42 -0.01	39.90 3.40 -0.01	44.19 4.16 -0.01	49.08 4.86 -0.01	53.96 4.83 -3.10	55.71 5.11 -2.90	57.92 5.43 -1.74	60.70 5.21 -1.72	76.63 5.59 -16.24	82.59 5.69 -19.46	105.09 6.86 -32.83	242.35 7.84 -156.84	250.39 8.23 -155.53	92.25 7.05 -4.17	84.96 5.98 -1.33	74.00 4.36 -1.50	60.29 3.35 -2.11	53.97 4.27 -0.01
PORT_JEFF_4 23616	51.69 3.47 0.00	46.16 3.89 -0.01	41.27 3.47 -0.01	38.57 3.22 -0.01	38.53 3.24 -0.01	38.60 3.35 -0.01	39.41 3.42 -0.01	39.90 3.40 -0.01	44.19 4.16 -0.01	49.08 4.86 -0.01	53.96 4.83 -3.10	55.71 5.11 -2.90	57.92 5.43 -1.74	60.70 5.21 -1.72	76.63 5.59 -16.24	82.59 5.69 -19.46	105.09 6.86 -32.83	242.35 7.84 -156.84	250.39 8.23 -155.53	92.25 7.05 -4.17	84.96 5.98 -1.33	74.00 4.36 -1.50	60.29 3.35 -2.11	53.97 4.27 -0.01

PORT_JEFF_IC 23713	51.78 3.57 0.00	46.37 4.10 0.00	41.31 3.51 0.00	38.63 3.29 0.00	38.60 3.32 0.00	38.63 3.38 0.00	39.47 3.49 0.00	39.93 3.43 0.00	44.22 4.20 0.00	49.20 5.00 0.00	54.05 4.92 -3.10	55.94 5.25 -2.99	57.93 5.38 -1.80	60.99 5.43 -1.79	82.81 5.86 -22.15	95.27 6.09 -31.73	118.52 6.93 -46.19	266.30 8.00 -180.63	274.15 8.23 -179.21	93.38 6.97 -5.38	85.09 6.06 -1.39	74.33 4.63 -1.56	60.81 3.78 -2.19	54.30 4.62 0.00
PPL PILGRIM_ST_GT1 24216	52.17 3.95 0.00	46.54 4.27 -0.01	41.58 3.78 -0.01	38.89 3.53 -0.01	38.85 3.56 -0.01	38.88 3.63 -0.01	39.70 3.71 -0.01	40.23 3.72 -0.01	44.47 4.44 -0.01	49.39 5.17 -0.01	54.28 5.15 -3.10	56.48 5.39 -3.39	58.50 5.68 -2.07	61.34 5.54 -2.04	115.98 5.97 -55.21	66.42 6.09 -2.89	79.01 7.26 -6.35	119.73 7.84 -34.22	127.95 8.23 -33.09	90.86 7.61 -2.21	85.90 6.60 -1.66	74.60 4.64 -1.82	61.26 3.89 -2.53	54.36 4.67 -0.01
PPL PILGRIM_ST_GT2 24217	52.17 3.95 0.00	46.54 4.27 -0.01	41.58 3.78 -0.01	38.89 3.53 -0.01	38.85 3.56 -0.01	38.88 3.63 -0.01	39.70 3.71 -0.01	40.23 3.72 -0.01	44.47 4.44 -0.01	49.39 5.17 -0.01	54.28 5.15 -3.10	56.48 5.39 -3.39	58.50 5.68 -2.07	61.34 5.54 -2.04	115.98 5.97 -55.21	66.42 6.09 -2.89	79.01 7.26 -6.35	119.73 7.84 -34.22	127.95 8.23 -33.09	90.86 7.61 -2.21	85.90 6.60 -1.66	74.60 4.64 -1.82	61.26 3.89 -2.53	54.36 4.67 -0.01
PPL_SHRM_GT3 24213	51.30 3.09 0.00	45.87 3.59 -0.01	40.97 3.17 -0.01	38.28 2.93 -0.01	38.25 2.96 -0.01	38.32 3.06 -0.01	39.23 3.24 -0.01	39.57 3.07 -0.01	43.91 3.88 -0.01	48.81 4.60 -0.01	53.73 4.60 -3.10	55.61 4.96 -2.94	57.85 5.33 -1.77	60.68 5.16 -1.75	78.29 5.59 -17.91	85.24 5.92 -21.87	107.80 7.13 -35.28	246.17 8.31 -160.19	254.22 8.75 -158.85	92.89 7.45 -4.41	85.29 6.29 -1.36	74.03 4.36 -1.53	60.17 3.18 -2.15	53.62 3.92 -0.01
PPL_SHRM_GT4 24214	51.30 3.09 0.00	45.87 3.59 -0.01	40.97 3.17 -0.01	38.28 2.93 -0.01	38.25 2.96 -0.01	38.32 3.06 -0.01	39.23 3.24 -0.01	39.57 3.07 -0.01	43.91 3.88 -0.01	48.81 4.60 -0.01	53.73 4.60 -3.10	55.61 4.96 -2.94	57.85 5.33 -1.77	60.68 5.16 -1.75	78.29 5.59 -17.91	85.24 5.92 -21.87	107.80 7.13 -35.28	246.17 8.31 -160.19	254.22 8.75 -158.85	92.89 7.45 -4.41	85.29 6.29 -1.36	74.03 4.36 -1.53	60.17 3.18 -2.15	53.62 3.92 -0.01
PROJECT___ORANGE 1 24174	47.92 -0.29 0.00	41.80 -0.46 0.00	37.38 -0.42 0.00	34.92 -0.42 0.00	34.79 -0.49 0.00	34.75 -0.49 0.00	35.55 -0.43 0.00	36.13 -0.37 0.00	39.62 -0.40 0.00	43.81 -0.40 0.00	45.56 -0.46 0.00	47.28 -0.43 0.00	50.24 -0.51 0.00	53.33 -0.43 0.00	54.30 -0.49 0.00	56.93 -0.52 0.00	65.00 -0.39 0.00	76.97 -0.70 0.00	86.02 -0.61 0.00	80.54 -0.49 0.00	76.95 -0.70 0.00	67.05 -1.09 0.00	54.24 -0.60 0.00	49.24 -0.45 0.00
PROJECT___ORANGE 2 24166	47.92 -0.29 0.00	41.80 -0.46 0.00	37.38 -0.42 0.00	34.92 -0.42 0.00	34.79 -0.49 0.00	34.75 -0.49 0.00	35.55 -0.43 0.00	36.13 -0.37 0.00	39.62 -0.40 0.00	43.81 -0.40 0.00	45.56 -0.46 0.00	47.28 -0.43 0.00	50.24 -0.51 0.00	53.33 -0.43 0.00	54.30 -0.49 0.00	56.93 -0.52 0.00	65.00 -0.39 0.00	76.97 -0.70 0.00	86.02 -0.61 0.00	80.54 -0.49 0.00	76.95 -0.70 0.00	67.05 -1.09 0.00	54.24 -0.60 0.00	49.24 -0.45 0.00
PUCKETT___SOLAR 323809	49.51 1.30 0.00	43.24 0.97 0.00	38.62 0.83 0.00	36.01 0.67 0.00	35.92 0.64 0.00	35.88 0.64 0.00	36.66 0.68 0.00	37.30 0.80 0.00	40.82 0.80 0.00	45.01 0.80 0.00	46.72 0.69 0.00	48.37 0.67 0.00	51.36 0.61 0.00	54.46 0.70 0.00	55.34 0.55 0.00	58.14 0.69 0.00	66.44 1.04 0.00	78.83 1.17 0.00	88.79 2.17 0.00	83.22 2.19 0.00	79.51 1.86 0.00	69.02 0.88 0.00	56.10 1.26 0.00	50.97 1.29 0.00
PYRITES___HYD 24023	49.37 1.16 0.00	43.28 1.01 0.00	38.70 0.91 0.00	36.09 0.74 0.00	36.13 0.85 0.00	36.13 0.88 0.00	36.85 0.86 0.00	37.12 0.62 0.00	40.30 0.28 0.00	44.39 0.18 0.00	46.25 0.23 0.00	47.80 0.10 0.00	50.80 0.05 0.00	53.71 -0.05 0.00	54.47 -0.33 0.00	56.99 -0.46 0.00	64.61 -0.78 0.00	77.36 -0.31 0.00	87.06 0.43 0.00	82.81 1.78 0.00	79.98 2.33 0.00	71.14 3.00 0.00	56.37 1.54 0.00	50.78 1.09 0.00
QUAKERRD_115KV_BK1 80622	47.20 -1.01 0.00	40.96 -1.31 0.00	36.62 -1.17 0.00	34.11 -1.24 0.00	33.97 -1.31 0.00	33.87 -1.37 0.00	34.69 -1.30 0.00	35.48 -1.02 0.00	38.70 -1.32 0.00	42.71 -1.50 0.00	44.37 -1.66 0.00	45.99 -1.72 0.00	48.82 -1.93 0.00	51.78 -1.99 0.00	52.66 -2.14 0.00	55.32 -2.13 0.00	63.37 -2.03 0.00	74.48 -3.18 0.00	83.77 -2.86 0.00	78.68 -2.35 0.00	74.77 -2.87 0.00	64.53 -3.61 0.00	52.76 -2.08 0.00	48.14 -1.54 0.00
QUENSBRY_115KV_TB8 356137	50.77 2.56 0.00	44.51 2.24 0.00	39.79 2.00 0.00	37.22 1.87 0.00	37.15 1.87 0.00	37.04 1.80 0.00	37.78 1.80 0.00	38.43 1.93 0.00	42.18 2.16 0.00	46.55 2.34 0.00	48.00 1.98 0.00	49.85 2.15 0.00	52.99 2.23 0.00	56.35 2.58 0.00	57.43 2.63 0.00	60.15 2.70 0.00	68.60 3.20 0.00	82.02 4.35 0.00	92.34 5.72 0.00	86.22 5.19 0.00	82.93 5.28 0.00	71.89 3.75 0.00	58.02 3.18 0.00	52.57 2.88 0.00
RAMAPO___LBMP 323565	50.48 2.27 0.00	44.46 2.20 0.00	39.68 1.89 0.00	37.22 1.87 0.00	37.18 1.91 0.00	37.18 1.94 0.00	37.93 1.94 0.00	38.47 1.97 0.00	42.42 2.40 0.00	47.04 2.83 0.00	49.06 3.04 0.00	50.95 3.24 0.00	54.30 3.55 0.00	57.31 3.55 0.00	58.63 3.84 0.00	61.52 4.08 0.00	70.24 4.84 0.00	83.26 5.59 0.00	92.43 5.80 0.00	85.73 4.70 0.00	81.68 4.04 0.00	70.80 2.66 0.00	57.47 2.63 0.00	52.42 2.73 0.00
RANKINE____ 23646	48.02 -0.19 0.00	41.63 -0.63 0.00	37.19 -0.60 0.00	34.60 -0.74 0.00	34.33 -0.95 0.00	34.15 -1.09 0.00	35.05 -0.94 0.00	36.13 -0.37 0.00	39.10 -0.92 0.00	42.79 -1.41 0.00	43.95 -2.07 0.00	45.56 -2.15 0.00	48.32 -2.44 0.00	51.24 -2.53 0.00	52.06 -2.74 0.00	55.09 -2.36 0.00	63.24 -2.16 0.00	73.86 -3.81 0.00	83.59 -3.03 0.00	78.52 -2.51 0.00	74.31 -3.34 0.00	63.17 -4.97 0.00	52.48 -2.36 0.00	48.39 -1.29 0.00
RAVENSWOOD_GT2_1 24244	51.15 2.94 0.00	45.14 2.87 0.00	40.21 2.42 0.00	37.71 2.37 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	47.97 3.76 0.00	50.07 4.05 0.00	51.95 4.25 0.00	55.37 4.62 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.41 6.02 0.00	84.58 6.91 0.00	93.82 7.19 0.00	86.95 5.92 0.00	82.77 5.12 0.00	71.55 3.41 0.00	58.24 3.40 0.00	53.16 3.48 0.00
RAVENSWOOD_GT2_2 24245	51.15 2.94 0.00	45.14 2.87 0.00	40.21 2.42 0.00	37.71 2.37 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	47.97 3.76 0.00	50.07 4.05 0.00	51.95 4.25 0.00	55.37 4.62 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.41 6.02 0.00	84.58 6.91 0.00	93.82 7.19 0.00	86.95 5.92 0.00	82.77 5.12 0.00	71.55 3.41 0.00	58.24 3.40 0.00	53.16 3.48 0.00

RAVENSWOOD_GT2_3 24246	51.20 2.99 0.00	45.14 2.87 0.00	40.25 2.46 0.00	37.71 2.37 0.00	37.71 2.43 0.00	37.71 2.47 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.22 3.20 0.00	48.01 3.80 0.00	50.07 4.05 0.00	52.00 4.29 0.00	55.42 4.67 0.00	58.44 4.68 0.00	59.78 4.99 0.00	62.67 5.23 0.00	71.48 6.08 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.95 5.92 0.00	82.85 5.20 0.00	71.62 3.48 0.00	58.29 3.45 0.00	53.21 3.53 0.00
RAVENSWOOD_GT2_4 24247	51.20 2.99 0.00	45.14 2.87 0.00	40.25 2.46 0.00	37.71 2.37 0.00	37.71 2.43 0.00	37.71 2.47 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.22 3.20 0.00	48.01 3.80 0.00	50.07 4.05 0.00	52.00 4.29 0.00	55.42 4.67 0.00	58.44 4.68 0.00	59.78 4.99 0.00	62.67 5.23 0.00	71.48 6.08 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.95 5.92 0.00	82.85 5.20 0.00	71.62 3.48 0.00	58.29 3.45 0.00	53.21 3.53 0.00
RAVENSWOOD_GT3_1 24248	51.15 2.94 0.00	45.14 2.87 0.00	40.21 2.42 0.00	37.71 2.37 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	48.01 3.80 0.00	50.07 4.05 0.00	51.95 4.25 0.00	55.37 4.62 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.41 6.02 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.95 5.92 0.00	82.77 5.12 0.00	71.55 3.41 0.00	58.24 3.40 0.00	53.21 3.53 0.00
RAVENSWOOD_GT3_2 24249	51.15 2.94 0.00	45.14 2.87 0.00	40.21 2.42 0.00	37.71 2.37 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	48.01 3.80 0.00	50.07 4.05 0.00	51.95 4.25 0.00	55.37 4.62 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.41 6.02 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.95 5.92 0.00	82.77 5.12 0.00	71.55 3.41 0.00	58.24 3.40 0.00	53.21 3.53 0.00
RAVENSWOOD_GT3_3 24250	51.25 3.04 0.00	45.18 2.92 0.00	40.29 2.49 0.00	37.75 2.40 0.00	37.75 2.47 0.00	37.75 2.50 0.00	38.54 2.55 0.00	39.13 2.63 0.00	43.26 3.24 0.00	48.06 3.85 0.00	50.17 4.14 0.00	52.05 4.34 0.00	55.47 4.72 0.00	58.50 4.73 0.00	59.84 5.04 0.00	62.73 5.28 0.00	71.54 6.15 0.00	84.81 7.15 0.00	94.08 7.45 0.00	87.11 6.08 0.00	83.00 5.36 0.00	71.68 3.54 0.00	58.35 3.51 0.00	53.26 3.58 0.00
RAVENSWOOD_GT3_4 24251	51.25 3.04 0.00	45.18 2.92 0.00	40.29 2.49 0.00	37.75 2.40 0.00	37.75 2.47 0.00	37.75 2.50 0.00	38.54 2.55 0.00	39.13 2.63 0.00	43.26 3.24 0.00	48.06 3.85 0.00	50.17 4.14 0.00	52.05 4.34 0.00	55.47 4.72 0.00	58.50 4.73 0.00	59.84 5.04 0.00	62.73 5.28 0.00	71.54 6.15 0.00	84.81 7.15 0.00	94.08 7.45 0.00	87.11 6.08 0.00	83.00 5.36 0.00	71.68 3.54 0.00	58.35 3.51 0.00	53.26 3.58 0.00
RAVENSWOOD_GT_1 23729	51.35 3.13 0.00	45.35 3.09 0.00	40.44 2.65 0.00	37.89 2.54 0.00	37.85 2.58 0.00	37.89 2.64 0.00	38.68 2.70 0.00	39.27 2.77 0.00	43.38 3.36 0.00	48.23 4.02 0.00	50.30 4.28 0.00	52.19 4.48 0.00	55.62 4.87 0.00	58.60 4.84 0.00	59.67 4.88 0.00	62.44 5.00 0.00	71.09 5.69 0.00	84.27 6.60 0.00	93.47 6.84 0.00	86.54 5.51 0.00	82.46 4.81 0.00	64.84 3.07 6.36	58.24 3.40 0.00	53.41 3.73 0.00
RAVENSWOOD_GT_10 24258	51.15 2.94 0.00	45.14 2.87 0.00	40.21 2.42 0.00	37.71 2.37 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	47.97 3.76 0.00	50.07 4.05 0.00	51.95 4.25 0.00	55.37 4.62 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.41 6.02 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.95 5.92 0.00	82.85 5.20 0.00	71.55 3.41 0.00	58.24 3.40 0.00	53.21 3.53 0.00
RAVENSWOOD_GT_11 24259	51.15 2.94 0.00	45.14 2.87 0.00	40.21 2.42 0.00	37.71 2.37 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	47.97 3.76 0.00	50.07 4.05 0.00	51.95 4.25 0.00	55.37 4.62 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.41 6.02 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.95 5.92 0.00	82.85 5.20 0.00	71.55 3.41 0.00	58.24 3.40 0.00	53.21 3.53 0.00
RAVENSWOOD_GT_4 24252	51.20 2.99 0.00	45.14 2.87 0.00	40.21 2.42 0.00	37.71 2.37 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	48.01 3.80 0.00	50.07 4.05 0.00	51.95 4.25 0.00	55.37 4.62 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.41 6.02 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.95 5.92 0.00	82.77 5.12 0.00	71.55 3.41 0.00	58.24 3.40 0.00	53.21 3.53 0.00
RAVENSWOOD_GT_5 24254	51.20 2.99 0.00	45.14 2.87 0.00	40.21 2.42 0.00	37.71 2.37 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	48.01 3.80 0.00	50.07 4.05 0.00	51.95 4.25 0.00	55.37 4.62 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.41 6.02 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.95 5.92 0.00	82.77 5.12 0.00	71.55 3.41 0.00	58.24 3.40 0.00	53.21 3.53 0.00
RAVENSWOOD_GT_6 24253	51.20 2.99 0.00	45.14 2.87 0.00	40.21 2.42 0.00	37.71 2.37 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	48.01 3.80 0.00	50.07 4.05 0.00	51.95 4.25 0.00	55.37 4.62 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.41 6.02 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.95 5.92 0.00	82.77 5.12 0.00	71.55 3.41 0.00	58.24 3.40 0.00	53.21 3.53 0.00
RAVENSWOOD_GT_7 24255	51.20 2.99 0.00	45.14 2.87 0.00	40.21 2.42 0.00	37.71 2.37 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	48.01 3.80 0.00	50.07 4.05 0.00	51.95 4.25 0.00	55.37 4.62 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.41 6.02 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.95 5.92 0.00	82.77 5.12 0.00	71.55 3.41 0.00	58.24 3.40 0.00	53.21 3.53 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.15 2.94 0.00	45.14 2.87 0.00	40.21 2.42 0.00	37.71 2.37 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	47.97 3.76 0.00	50.07 4.05 0.00	51.95 4.25 0.00	55.37 4.62 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.41 6.02 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.95 5.92 0.00	82.85 5.20 0.00	71.55 3.41 0.00	58.24 3.40 0.00	53.21 3.53 0.00
RAVENSWOOD_GT_9 24257	51.15 2.94 0.00	45.14 2.87 0.00	40.21 2.42 0.00	37.71 2.37 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	47.97 3.76 0.00	50.07 4.05 0.00	51.95 4.25 0.00	55.37 4.62 0.00	58.39 4.62 0.00	59.73 4.93 0.00	62.62 5.17 0.00	71.41 6.02 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.95 5.92 0.00	82.85 5.20 0.00	71.55 3.41 0.00	58.24 3.40 0.00	53.21 3.53 0.00

RAVENSWOOD___1 23533	51.34 3.13 0.00	45.28 3.00 -0.01	40.40 2.61 -0.01	37.90 2.55 -0.01	37.86 2.57 -0.01	37.86 2.61 -0.01	38.65 2.66 -0.01	39.28 2.77 -0.01	43.39 3.36 -0.01	48.20 3.98 -0.01	50.31 4.28 -0.01	52.20 4.48 -0.01	55.68 4.92 -0.01	58.50 4.73 0.00	59.62 4.82 0.00	62.38 4.94 0.00	71.02 5.62 0.00	84.10 6.44 0.01	93.29 6.67 0.01	86.45 5.43 0.01	82.30 4.66 0.01	63.51 2.99 7.63	57.85 3.01 0.00	53.31 3.62 0.00
RAVENSWOOD___2 23534	51.20 2.99 0.00	45.19 2.91 -0.01	40.33 2.53 -0.01	37.83 2.47 -0.01	37.79 2.51 -0.01	37.79 2.54 -0.01	38.58 2.59 -0.01	39.21 2.70 -0.01	43.31 3.28 -0.01	48.11 3.89 -0.01	50.22 4.19 -0.01	52.10 4.39 -0.01	55.58 4.82 -0.01	58.28 4.52 0.00	59.23 4.44 0.00	61.98 4.54 0.00	70.43 5.04 0.00	83.41 5.75 0.01	92.51 5.89 0.01	85.72 4.70 0.01	81.60 3.96 0.01	62.93 2.45 7.66	57.58 2.74 0.00	53.21 3.53 0.00
RAVENSWOOD___3 23535	51.15 2.94 0.00	45.10 2.83 0.00	40.21 2.42 0.00	37.71 2.37 0.00	37.68 2.40 0.00	37.68 2.43 0.00	38.50 2.52 0.00	39.09 2.59 0.00	43.18 3.16 0.00	47.96 3.76 0.00	50.08 4.05 0.00	51.95 4.24 0.00	55.47 4.72 0.00	58.44 4.68 0.00	59.73 4.93 0.00	62.56 5.11 0.00	71.41 6.01 0.00	84.66 6.99 0.00	93.90 7.28 0.00	86.94 5.91 0.00	82.85 5.20 0.00	71.55 3.41 0.00	57.96 3.12 0.00	53.16 3.48 0.00
RAVENSWOOD___4 23820	51.30 3.09 0.00	45.28 3.00 -0.01	40.40 2.61 -0.01	37.86 2.51 -0.01	37.83 2.54 -0.01	37.86 2.61 -0.01	38.65 2.66 -0.01	39.25 2.74 -0.01	43.35 3.32 -0.01	48.15 3.93 -0.01	50.26 4.23 -0.01	52.15 4.44 -0.01	55.68 4.92 -0.01	58.49 4.73 0.00	59.56 4.76 0.00	62.27 4.83 0.00	70.89 5.49 0.00	84.03 6.37 0.01	93.20 6.58 0.01	86.29 5.26 0.01	82.22 4.58 0.01	62.16 2.93 8.91	57.80 2.96 0.00	53.26 3.58 0.00
RCPL_TRUST___DRP 24196	51.20 2.99 0.00	45.14 2.87 0.00	40.25 2.46 0.00	37.71 2.37 0.00	37.71 2.43 0.00	37.71 2.47 0.00	38.50 2.52 0.00	39.13 2.63 0.00	43.22 3.20 0.00	48.06 3.85 0.00	50.12 4.10 0.00	52.00 4.29 0.00	55.42 4.67 0.00	58.50 4.73 0.00	59.84 5.04 0.00	62.73 5.28 0.00	71.54 6.15 0.00	84.81 7.15 0.00	93.99 7.36 0.00	87.03 6.00 0.00	82.93 5.28 0.00	71.62 3.48 0.00	58.29 3.45 0.00	53.21 3.53 0.00
RED___ROCHESTER 323720	48.65 0.43 0.00	42.22 -0.04 0.00	37.64 -0.15 0.00	35.03 -0.32 0.00	34.86 -0.42 0.00	34.72 -0.53 0.00	35.59 -0.40 0.00	36.46 -0.04 0.00	39.74 -0.28 0.00	43.85 -0.36 0.00	45.52 -0.51 0.00	47.23 -0.48 0.00	50.04 -0.71 0.00	53.17 -0.59 0.00	54.03 -0.77 0.00	56.93 -0.52 0.00	65.14 -0.26 0.00	76.35 -1.32 0.00	85.93 -0.70 0.00	80.95 -0.08 0.00	77.02 -0.62 0.00	66.16 -1.98 0.00	54.73 -0.11 0.00	49.78 0.10 0.00
REGAN___SOLAR 323812	52.21 4.00 0.00	45.73 3.47 0.00	40.82 3.02 0.00	38.17 2.83 0.00	38.10 2.82 0.00	38.00 2.75 0.00	38.68 2.70 0.00	39.24 2.74 0.00	42.90 2.88 0.00	47.35 3.14 0.00	49.11 3.08 0.00	50.90 3.20 0.00	54.10 3.35 0.00	57.53 3.76 0.00	58.52 3.73 0.00	61.35 3.91 0.00	70.04 4.64 0.00	83.96 6.29 0.00	94.42 7.80 0.00	88.65 7.61 0.00	85.33 7.69 0.00	73.93 5.79 0.00	59.67 4.83 0.00	54.10 4.42 0.00
RENSSELAER___COGEN 23796	49.27 1.06 0.00	43.20 0.93 0.00	38.77 0.98 0.00	36.30 0.95 0.00	36.27 0.99 0.00	36.20 0.95 0.00	36.92 0.93 0.00	37.41 0.91 0.00	41.10 1.08 0.00	45.31 1.11 0.00	47.08 1.06 0.00	48.80 1.10 0.00	52.02 1.27 0.00	55.11 1.34 0.00	56.33 1.53 0.00	59.05 1.61 0.00	67.23 1.83 0.00	79.92 2.25 0.00	88.87 2.25 0.00	82.73 1.70 0.00	79.20 1.55 0.00	69.09 0.95 0.00	55.77 0.93 0.00	50.73 1.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	52.65 4.44 0.00	46.11 3.85 0.00	41.15 3.36 0.00	38.49 3.15 0.00	38.45 3.18 0.00	38.24 3.00 0.00	39.00 3.02 0.00	39.75 3.25 0.00	43.58 3.56 0.00	48.28 4.07 0.00	49.71 3.68 0.00	51.62 3.91 0.00	54.86 4.11 0.00	58.50 4.73 0.00	59.40 4.60 0.00	62.21 4.77 0.00	71.15 5.75 0.00	85.28 7.61 0.00	96.41 9.79 0.00	90.19 9.16 0.00	86.96 9.32 0.00	74.95 6.81 0.00	60.49 5.65 0.00	54.70 5.02 0.00
REVERE_CPPR_DRP 24186	50.14 1.93 0.00	43.79 1.52 0.00	39.15 1.36 0.00	36.44 1.10 0.00	36.41 1.13 0.00	36.48 1.23 0.00	37.21 1.22 0.00	37.67 1.17 0.00	41.34 1.32 0.00	45.58 1.37 0.00	47.36 1.33 0.00	48.99 1.29 0.00	52.12 1.37 0.00	55.38 1.61 0.00	56.06 1.26 0.00	58.82 1.38 0.00	67.16 1.77 0.00	80.15 2.49 0.00	90.26 3.64 0.00	84.76 3.73 0.00	81.14 3.49 0.00	70.93 2.79 0.00	56.92 2.08 0.00	51.62 1.94 0.00
REYNLDPA_13_KV_LD 356490	48.02 -0.19 0.00	42.18 -0.08 0.00	37.68 -0.11 0.00	35.27 -0.07 0.00	35.24 -0.04 0.00	35.21 -0.04 0.00	35.95 -0.04 0.00	36.39 -0.11 0.00	39.66 -0.36 0.00	43.86 -0.35 0.00	45.75 -0.28 0.00	47.37 -0.33 0.00	50.35 -0.41 0.00	53.23 -0.54 0.00	54.14 -0.66 0.00	56.70 -0.75 0.00	64.22 -1.18 0.00	76.50 -1.17 0.00	85.33 -1.30 0.00	80.46 -0.57 0.00	77.41 -0.23 0.00	68.75 0.61 0.00	54.78 -0.05 0.00	49.44 -0.25 0.00
REYNOLDS_115KV_TB3 80639	49.71 1.49 0.00	43.62 1.35 0.00	39.11 1.32 0.00	36.62 1.27 0.00	36.55 1.27 0.00	36.51 1.27 0.00	37.24 1.26 0.00	37.74 1.24 0.00	41.46 1.44 0.00	45.76 1.55 0.00	47.54 1.52 0.00	49.28 1.57 0.00	52.53 1.78 0.00	55.70 1.94 0.00	56.93 2.14 0.00	59.69 2.24 0.00	67.88 2.49 0.00	80.77 3.11 0.00	89.74 3.12 0.00	83.54 2.51 0.00	79.90 2.25 0.00	69.71 1.57 0.00	56.43 1.59 0.00	51.22 1.54 0.00
RIVERBAY____ 323610	52.32 4.10 -0.01	46.11 3.85 0.00	41.15 3.36 0.00	38.52 3.18 0.00	38.49 3.21 0.00	38.49 3.24 0.00	39.29 3.31 0.00	39.89 3.39 0.00	44.02 4.00 0.00	48.90 4.69 0.00	51.09 5.06 0.00	53.00 5.30 0.00	56.54 5.79 0.00	59.63 5.86 -0.01	60.72 5.92 -0.01	63.43 5.97 -0.01	72.27 6.87 -0.01	85.60 7.92 -0.01	94.95 8.32 -0.01	87.93 6.89 -0.02	83.80 6.13 -0.02	72.31 4.16 -0.01	59.18 4.33 -0.01	54.31 4.62 -0.01
RIVERSDE_115KV_TB3 55908	49.51 1.30 0.00	43.45 1.18 0.00	39.00 1.21 0.00	36.51 1.17 0.00	36.44 1.16 0.00	36.37 1.13 0.00	37.10 1.12 0.00	37.59 1.09 0.00	41.34 1.32 0.00	45.58 1.37 0.00	47.40 1.38 0.00	49.14 1.43 0.00	52.33 1.57 0.00	55.49 1.72 0.00	56.71 1.92 0.00	59.46 2.01 0.00	67.69 2.29 0.00	80.46 2.80 0.00	89.48 2.86 0.00	83.30 2.27 0.00	79.66 2.02 0.00	69.50 1.36 0.00	56.26 1.43 0.00	51.07 1.39 0.00
ROARING___BROOK_WT_PWR 323790	47.92 -0.29 0.00	42.01 -0.25 0.00	37.57 -0.23 0.00	35.13 -0.21 0.00	35.10 -0.18 0.00	35.07 -0.18 0.00	35.80 -0.18 0.00	36.28 -0.22 0.00	39.74 -0.28 0.00	43.90 -0.31 0.00	45.70 -0.32 0.00	47.37 -0.33 0.00	50.40 -0.35 0.00	53.33 -0.43 0.00	54.36 -0.44 0.00	56.93 -0.52 0.00	64.81 -0.59 0.00	77.04 -0.62 0.00	85.93 -0.70 0.00	80.55 -0.48 0.00	77.26 -0.39 0.00	67.94 -0.20 0.00	54.46 -0.38 0.00	49.24 -0.45 0.00

ROCHESRG_115KV_T4 355643	48.02 -0.19 0.00	41.63 -0.63 0.00	37.26 -0.53 0.00	34.67 -0.67 0.00	34.50 -0.78 0.00	34.40 -0.85 0.00	35.23 -0.76 0.00	36.06 -0.44 0.00	39.30 -0.72 0.00	43.24 -0.97 0.00	44.87 -1.15 0.00	46.51 -1.19 0.00	49.38 -1.37 0.00	52.37 -1.40 0.00	53.21 -1.59 0.00	56.01 -1.44 0.00	64.15 -1.24 0.00	75.26 -2.41 0.00	84.81 -1.82 0.00	79.73 -1.30 0.00	75.63 -2.02 0.00	65.07 -3.07 0.00	53.41 -1.43 0.00	48.84 -0.84 0.00
ROCHESTER_9_IC 23652	48.36 0.14 0.00	41.89 -0.38 0.00	37.45 -0.34 0.00	34.85 -0.49 0.00	34.68 -0.60 0.00	34.58 -0.67 0.00	35.41 -0.58 0.00	36.28 -0.22 0.00	39.54 -0.48 0.00	43.55 -0.66 0.00	45.20 -0.83 0.00	46.85 -0.86 0.00	49.79 -0.96 0.00	52.74 -1.02 0.00	53.65 -1.15 0.00	56.41 -1.03 0.00	64.68 -0.72 0.00	75.80 -1.86 0.00	85.41 -1.21 0.00	80.38 -0.65 0.00	76.25 -1.40 0.00	65.62 -2.52 0.00	53.80 -1.04 0.00	49.24 -0.45 0.00
ROCKVIEW_13_KV_LD 356306	51.25 3.04 0.00	45.14 2.87 0.00	40.25 2.46 0.00	37.75 2.40 0.00	37.71 2.43 0.00	37.71 2.47 0.00	38.50 2.52 0.00	39.05 2.55 0.00	43.18 3.16 0.00	47.97 3.76 0.00	50.03 4.00 0.00	52.00 4.29 0.00	55.37 4.62 0.00	58.50 4.73 0.00	59.89 5.10 0.00	62.85 5.40 0.00	71.74 6.34 0.00	85.05 7.38 0.00	94.25 7.62 0.00	87.27 6.24 0.00	83.08 5.44 0.00	71.82 3.68 0.00	58.35 3.51 0.00	53.26 3.58 0.00
ROME____115KV_TB2 80656	50.14 1.93 0.00	43.79 1.52 0.00	39.15 1.36 0.00	36.44 1.10 0.00	36.41 1.13 0.00	36.48 1.23 0.00	37.21 1.22 0.00	37.67 1.17 0.00	41.34 1.32 0.00	45.58 1.37 0.00	47.36 1.33 0.00	48.99 1.29 0.00	52.12 1.37 0.00	55.38 1.61 0.00	56.06 1.26 0.00	58.82 1.38 0.00	67.16 1.77 0.00	80.15 2.49 0.00	90.26 3.64 0.00	84.76 3.73 0.00	81.14 3.49 0.00	70.93 2.79 0.00	56.92 2.08 0.00	51.62 1.94 0.00
ROSETON___1 23587	50.33 2.12 0.00	44.25 1.99 0.00	39.53 1.74 0.00	37.08 1.73 0.00	37.01 1.73 0.00	37.01 1.76 0.00	37.75 1.76 0.00	38.29 1.79 0.00	42.22 2.20 0.00	46.77 2.56 0.00	48.79 2.76 0.00	50.62 2.91 0.00	53.95 3.20 0.00	56.94 3.17 0.00	58.20 3.40 0.00	61.01 3.56 0.00	69.65 4.25 0.00	82.56 4.90 0.00	91.74 5.11 0.00	85.16 4.13 0.00	81.22 3.57 0.00	70.52 2.38 0.00	57.03 2.20 0.00	52.12 2.43 0.00
ROSETON___2 23588	50.33 2.12 0.00	44.25 1.99 0.00	39.53 1.74 0.00	37.08 1.73 0.00	37.01 1.73 0.00	37.01 1.76 0.00	37.75 1.76 0.00	38.29 1.79 0.00	42.22 2.20 0.00	46.77 2.56 0.00	48.79 2.76 0.00	50.62 2.91 0.00	53.95 3.20 0.00	56.94 3.17 0.00	58.20 3.40 0.00	61.01 3.56 0.00	69.65 4.25 0.00	82.56 4.90 0.00	91.74 5.11 0.00	85.16 4.13 0.00	81.22 3.57 0.00	70.52 2.38 0.00	57.03 2.20 0.00	52.12 2.43 0.00
ROTRRDAM_115KV_TB3 80664	49.76 1.54 0.00	43.66 1.39 0.00	39.04 1.25 0.00	36.51 1.17 0.00	36.44 1.16 0.00	36.41 1.16 0.00	37.13 1.15 0.00	37.67 1.17 0.00	41.34 1.32 0.00	45.67 1.46 0.00	47.45 1.43 0.00	49.23 1.53 0.00	52.38 1.62 0.00	55.54 1.77 0.00	56.66 1.86 0.00	59.40 1.95 0.00	67.69 2.29 0.00	80.46 2.80 0.00	89.83 3.21 0.00	83.87 2.84 0.00	80.29 2.64 0.00	70.05 1.91 0.00	56.59 1.75 0.00	51.37 1.69 0.00
RUSSELL___1 23602	48.65 0.43 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.03 -0.32 0.00	34.86 -0.42 0.00	34.72 -0.53 0.00	35.59 -0.40 0.00	36.46 -0.04 0.00	39.74 -0.28 0.00	43.81 -0.40 0.00	45.52 -0.51 0.00	47.23 -0.48 0.00	50.14 -0.61 0.00	53.17 -0.59 0.00	54.03 -0.77 0.00	56.81 -0.63 0.00	65.14 -0.26 0.00	76.35 -1.32 0.00	85.93 -0.69 0.00	80.95 -0.08 0.00	76.87 -0.78 0.00	66.10 -2.04 0.00	54.18 -0.66 0.00	49.53 -0.15 0.00
RUSSELL___2 23532	48.65 0.43 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.03 -0.32 0.00	34.86 -0.42 0.00	34.72 -0.53 0.00	35.59 -0.40 0.00	36.46 -0.04 0.00	39.74 -0.28 0.00	43.81 -0.40 0.00	45.52 -0.51 0.00	47.23 -0.48 0.00	50.14 -0.61 0.00	53.17 -0.59 0.00	54.03 -0.77 0.00	56.81 -0.63 0.00	65.14 -0.26 0.00	76.35 -1.32 0.00	85.93 -0.69 0.00	80.95 -0.08 0.00	76.87 -0.78 0.00	66.10 -2.04 0.00	54.18 -0.66 0.00	49.53 -0.15 0.00
RUSSELL___3 23549	48.65 0.43 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.03 -0.32 0.00	34.86 -0.42 0.00	34.72 -0.53 0.00	35.59 -0.40 0.00	36.46 -0.04 0.00	39.74 -0.28 0.00	43.81 -0.40 0.00	45.52 -0.51 0.00	47.23 -0.48 0.00	50.14 -0.61 0.00	53.17 -0.59 0.00	54.03 -0.77 0.00	56.81 -0.63 0.00	65.14 -0.26 0.00	76.35 -1.32 0.00	85.93 -0.69 0.00	80.95 -0.08 0.00	76.87 -0.78 0.00	66.10 -2.04 0.00	54.18 -0.66 0.00	49.53 -0.15 0.00
RUSSELL___4 23556	48.65 0.43 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.03 -0.32 0.00	34.86 -0.42 0.00	34.72 -0.53 0.00	35.59 -0.40 0.00	36.46 -0.04 0.00	39.74 -0.28 0.00	43.81 -0.40 0.00	45.52 -0.51 0.00	47.23 -0.48 0.00	50.14 -0.61 0.00	53.17 -0.59 0.00	54.03 -0.77 0.00	56.81 -0.63 0.00	65.14 -0.26 0.00	76.35 -1.32 0.00	85.93 -0.69 0.00	80.95 -0.08 0.00	76.87 -0.78 0.00	66.10 -2.04 0.00	54.18 -0.66 0.00	49.53 -0.15 0.00
RUSSELL___STATION 23914	48.65 0.43 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.03 -0.32 0.00	34.86 -0.42 0.00	34.72 -0.53 0.00	35.59 -0.40 0.00	36.46 -0.04 0.00	39.74 -0.28 0.00	43.81 -0.40 0.00	45.52 -0.51 0.00	47.23 -0.48 0.00	50.14 -0.61 0.00	53.17 -0.59 0.00	54.03 -0.77 0.00	56.81 -0.63 0.00	65.14 -0.26 0.00	76.35 -1.32 0.00	85.93 -0.69 0.00	80.95 -0.08 0.00	76.87 -0.78 0.00	66.10 -2.04 0.00	54.18 -0.66 0.00	49.53 -0.15 0.00
S SALMON___HYD 24043	48.41 0.19 0.00	42.27 0.00 0.00	37.79 0.00 0.00	35.24 -0.11 0.00	35.17 -0.11 0.00	35.10 -0.14 0.00	35.80 -0.18 0.00	36.28 -0.22 0.00	39.74 -0.28 0.00	43.95 -0.26 0.00	45.75 -0.27 0.00	47.32 -0.38 0.00	50.29 -0.46 0.00	53.33 -0.43 0.00	54.20 -0.60 0.00	56.81 -0.63 0.00	64.74 -0.65 0.00	77.04 -0.62 0.00	86.63 0.00 0.00	81.44 0.41 0.00	77.96 0.31 0.00	68.21 0.07 0.00	55.06 0.22 0.00	49.88 0.20 0.00
S.PERRY__115KV_TB1 80734	50.04 1.83 0.00	43.15 0.89 0.00	38.58 0.79 0.00	35.87 0.53 0.00	35.67 0.39 0.00	35.60 0.35 0.00	36.41 0.43 0.00	37.01 0.51 0.00	39.98 -0.04 0.00	43.81 -0.40 0.00	45.01 -1.01 0.00	46.51 -1.19 0.00	49.33 -1.42 0.00	52.42 -1.34 0.00	53.32 -1.48 0.00	56.30 -1.15 0.00	64.87 -0.52 0.00	76.66 -1.01 0.00	87.32 0.69 0.00	83.06 2.03 0.00	79.20 1.55 0.00	68.00 -0.14 0.00	55.72 0.88 0.00	50.88 1.19 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	47.63 -0.58 0.00	41.34 -0.93 0.00	36.92 -0.87 0.00	34.39 -0.95 0.00	34.08 -1.20 0.00	33.91 -1.34 0.00	34.83 -1.15 0.00	35.88 -0.62 0.00	38.82 -1.20 0.00	42.44 -1.77 0.00	43.54 -2.49 0.00	45.18 -2.53 0.00	47.86 -2.89 0.00	50.75 -3.01 0.00	51.62 -3.18 0.00	54.57 -2.87 0.00	62.65 -2.75 0.00	73.09 -4.58 0.00	82.73 -3.90 0.00	77.63 -3.40 0.00	73.45 -4.19 0.00	62.42 -5.72 0.00	51.93 -2.91 0.00	47.94 -1.74 0.00

SAWYER___23_KV_LOAD 55526	47.63 -0.58 0.00	41.34 -0.93 0.00	36.92 -0.87 0.00	34.39 -0.95 0.00	34.08 -1.20 0.00	33.91 -1.34 0.00	34.83 -1.15 0.00	35.88 -0.62 0.00	38.82 -1.20 0.00	42.44 -1.77 0.00	43.54 -2.49 0.00	45.18 -2.53 0.00	47.86 -2.89 0.00	50.75 -3.01 0.00	51.62 -3.18 0.00	54.57 -2.87 0.00	62.65 -2.75 0.00	73.09 -4.58 0.00	82.73 -3.90 0.00	77.63 -3.40 0.00	73.45 -4.19 0.00	62.42 -5.72 0.00	51.93 -2.91 0.00	47.94 -1.74 0.00
SELKIRK___I 23801	49.61 1.40 0.00	43.53 1.27 0.00	39.00 1.21 0.00	36.51 1.16 0.00	36.44 1.16 0.00	36.41 1.16 0.00	37.10 1.12 0.00	37.59 1.09 0.00	41.26 1.24 0.00	45.45 1.24 0.00	47.27 1.24 0.00	48.94 1.24 0.00	52.12 1.37 0.00	55.27 1.50 0.00	56.44 1.64 0.00	59.17 1.72 0.00	67.36 1.96 0.00	80.08 2.41 0.00	89.14 2.51 0.00	83.13 2.10 0.00	79.66 2.02 0.00	69.57 1.43 0.00	56.21 1.37 0.00	51.07 1.39 0.00
SELKIRK___II 23799	49.32 1.11 0.00	43.28 1.01 0.00	38.81 1.02 0.00	36.33 0.99 0.00	36.27 0.99 0.00	36.23 0.99 0.00	36.92 0.93 0.00	37.45 0.95 0.00	41.14 1.12 0.00	45.36 1.15 0.00	47.18 1.15 0.00	48.90 1.19 0.00	52.12 1.37 0.00	55.22 1.45 0.00	56.39 1.59 0.00	59.11 1.67 0.00	67.29 1.90 0.00	80.00 2.33 0.00	88.97 2.34 0.00	82.90 1.87 0.00	79.28 1.63 0.00	69.23 1.09 0.00	55.94 1.10 0.00	50.83 1.14 0.00
SENECA OSWGO___HYD 24041	47.68 -0.53 0.00	41.63 -0.63 0.00	37.23 -0.57 0.00	34.78 -0.57 0.00	34.65 -0.63 0.00	34.61 -0.63 0.00	35.37 -0.61 0.00	35.91 -0.59 0.00	39.42 -0.60 0.00	43.55 -0.66 0.00	45.29 -0.74 0.00	46.99 -0.71 0.00	49.89 -0.86 0.00	52.96 -0.80 0.00	53.92 -0.88 0.00	56.59 -0.86 0.00	64.54 -0.85 0.00	76.50 -1.16 0.00	85.50 -1.13 0.00	80.06 -0.97 0.00	76.63 -1.01 0.00	66.78 -1.36 0.00	54.12 -0.71 0.00	49.04 -0.65 0.00
SENECA___115KV_TB3 355854	48.07 -0.14 0.00	41.72 -0.55 0.00	37.26 -0.53 0.00	34.64 -0.71 0.00	34.36 -0.92 0.00	34.22 -1.02 0.00	35.12 -0.86 0.00	36.21 -0.29 0.00	39.14 -0.88 0.00	42.88 -1.33 0.00	44.05 -1.98 0.00	45.65 -2.05 0.00	48.42 -2.33 0.00	51.35 -2.42 0.00	52.17 -2.63 0.00	55.20 -2.24 0.00	63.37 -2.03 0.00	74.02 -3.65 0.00	83.77 -2.86 0.00	78.60 -2.43 0.00	74.38 -3.26 0.00	63.30 -4.84 0.00	52.59 -2.25 0.00	48.44 -1.24 0.00
SENECA___ENERGY 23797	48.45 0.24 0.00	42.18 -0.08 0.00	37.64 -0.15 0.00	35.13 -0.21 0.00	34.96 -0.32 0.00	34.93 -0.32 0.00	35.77 -0.21 0.00	36.43 -0.07 0.00	39.86 -0.16 0.00	44.03 -0.18 0.00	45.75 -0.27 0.00	47.47 -0.24 0.00	50.24 -0.51 0.00	53.33 -0.43 0.00	54.30 -0.49 0.00	57.10 -0.34 0.00	65.27 -0.13 0.00	77.20 -0.46 0.00	86.80 0.17 0.00	81.36 0.33 0.00	77.65 0.00 0.00	67.25 -0.89 0.00	54.89 0.05 0.00	49.73 0.05 0.00
SHOEMAKER___GT 23640	50.19 1.98 0.00	44.08 1.82 0.00	39.38 1.59 0.00	36.90 1.55 0.00	36.87 1.59 0.00	36.83 1.59 0.00	37.56 1.58 0.00	38.07 1.57 0.00	41.90 1.88 0.00	46.42 2.21 0.00	48.42 2.39 0.00	50.18 2.48 0.00	53.49 2.74 0.00	56.51 2.74 0.00	57.75 2.96 0.00	60.60 3.16 0.00	69.19 3.79 0.00	82.09 4.42 0.00	91.39 4.76 0.00	85.00 3.97 0.00	81.06 3.41 0.00	70.52 2.38 0.00	56.98 2.14 0.00	52.02 2.34 0.00
SHOEMAKR_138KV_BK 111 55601	50.14 1.93 0.00	44.08 1.82 0.00	39.38 1.59 0.00	36.90 1.56 0.00	36.87 1.59 0.00	36.83 1.59 0.00	37.57 1.58 0.00	38.07 1.57 0.00	41.94 1.92 0.00	46.46 2.25 0.00	48.42 2.39 0.00	50.23 2.53 0.00	53.49 2.74 0.00	56.56 2.80 0.00	57.81 3.01 0.00	60.66 3.22 0.00	69.19 3.79 0.00	82.17 4.50 0.00	91.39 4.76 0.00	84.92 3.89 0.00	81.06 3.42 0.00	70.46 2.32 0.00	57.09 2.25 0.00	51.97 2.29 0.00
SHOREHAM_IC_1 23715	51.30 3.09 0.00	45.87 3.59 -0.01	40.97 3.17 -0.01	38.28 2.93 -0.01	38.25 2.96 -0.01	38.32 3.06 -0.01	39.23 3.24 -0.01	39.57 3.07 -0.01	43.91 3.88 -0.01	48.81 4.60 -0.01	53.73 4.60 -3.10	55.61 4.96 -2.94	57.85 5.33 -1.77	60.68 5.16 -1.75	78.29 5.59 -17.91	85.24 5.92 -21.87	107.80 7.13 -35.28	246.17 8.31 -160.19	254.22 8.75 -158.85	92.89 7.45 -4.41	85.29 6.29 -1.36	74.03 4.36 -1.53	60.17 3.18 -2.15	53.62 3.92 -0.01
SHOREHAM_IC_2 23716	51.30 3.09 0.00	46.03 3.76 0.00	40.97 3.17 0.00	38.28 2.93 0.00	38.24 2.96 0.00	38.31 3.07 0.00	39.22 3.24 0.00	39.57 3.07 0.00	43.90 3.88 0.00	48.85 4.64 0.00	53.68 4.56 -3.10	55.61 4.96 -2.94	57.60 5.08 -1.77	60.68 5.16 -1.75	78.29 5.59 -17.91	85.35 6.03 -21.87	107.80 7.13 -35.28	246.17 8.31 -160.19	254.22 8.75 -158.85	92.82 7.37 -4.41	85.29 6.29 -1.36	74.03 4.36 -1.53	60.39 3.40 -2.15	53.91 4.22 0.00
SISSONVILLE____ 23735	48.65 0.43 0.00	42.65 0.38 0.00	38.13 0.34 0.00	35.63 0.28 0.00	35.63 0.35 0.00	35.63 0.39 0.00	36.38 0.40 0.00	36.72 0.22 0.00	39.94 -0.08 0.00	44.16 -0.04 0.00	46.02 0.00 0.00	47.61 -0.10 0.00	50.60 -0.15 0.00	53.44 -0.32 0.00	54.25 -0.55 0.00	56.70 -0.75 0.00	64.22 -1.18 0.00	76.74 -0.93 0.00	86.11 -0.52 0.00	81.60 0.57 0.00	78.66 1.01 0.00	69.91 1.77 0.00	55.50 0.66 0.00	49.98 0.30 0.00
SITHE_IND_GS1 24169	46.96 -1.25 0.00	41.08 -1.18 0.00	36.69 -1.10 0.00	34.32 -1.03 0.00	34.22 -1.06 0.00	34.15 -1.09 0.00	34.90 -1.08 0.00	35.48 -1.02 0.00	38.86 -1.16 0.00	42.93 -1.28 0.00	44.64 -1.38 0.00	46.27 -1.43 0.00	49.18 -1.57 0.00	52.20 -1.56 0.00	53.15 -1.64 0.00	55.78 -1.67 0.00	63.57 -1.83 0.00	75.34 -2.33 0.00	84.20 -2.42 0.00	78.85 -2.18 0.00	75.39 -2.25 0.00	65.82 -2.32 0.00	53.30 -1.54 0.00	48.34 -1.34 0.00
SITHE_IND_GS2 24170	46.96 -1.25 0.00	41.08 -1.18 0.00	36.69 -1.10 0.00	34.32 -1.03 0.00	34.22 -1.06 0.00	34.15 -1.09 0.00	34.90 -1.08 0.00	35.48 -1.02 0.00	38.86 -1.16 0.00	42.93 -1.28 0.00	44.64 -1.38 0.00	46.27 -1.43 0.00	49.18 -1.57 0.00	52.20 -1.56 0.00	53.15 -1.64 0.00	55.78 -1.67 0.00	63.57 -1.83 0.00	75.34 -2.33 0.00	84.20 -2.42 0.00	78.85 -2.18 0.00	75.39 -2.25 0.00	65.82 -2.32 0.00	53.30 -1.54 0.00	48.34 -1.34 0.00
SITHE_IND_GS3 24171	46.96 -1.25 0.00	41.08 -1.18 0.00	36.69 -1.10 0.00	34.32 -1.03 0.00	34.22 -1.06 0.00	34.15 -1.09 0.00	34.90 -1.08 0.00	35.48 -1.02 0.00	38.86 -1.16 0.00	42.93 -1.28 0.00	44.64 -1.38 0.00	46.27 -1.43 0.00	49.18 -1.57 0.00	52.20 -1.56 0.00	53.15 -1.64 0.00	55.78 -1.67 0.00	63.57 -1.83 0.00	75.34 -2.33 0.00	84.20 -2.42 0.00	78.85 -2.18 0.00	75.39 -2.25 0.00	65.82 -2.32 0.00	53.30 -1.54 0.00	48.34 -1.34 0.00
SITHE_IND_GS4 24172	46.96 -1.25 0.00	41.08 -1.18 0.00	36.69 -1.10 0.00	34.32 -1.03 0.00	34.22 -1.06 0.00	34.15 -1.09 0.00	34.90 -1.08 0.00	35.48 -1.02 0.00	38.86 -1.16 0.00	42.93 -1.28 0.00	44.64 -1.38 0.00	46.27 -1.43 0.00	49.18 -1.57 0.00	52.20 -1.56 0.00	53.15 -1.64 0.00	55.78 -1.67 0.00	63.57 -1.83 0.00	75.34 -2.33 0.00	84.20 -2.42 0.00	78.85 -2.18 0.00	75.39 -2.25 0.00	65.82 -2.32 0.00	53.30 -1.54 0.00	48.34 -1.34 0.00

SITHE___BATAVIA 24024	49.03 0.82 0.00	42.60 0.34 0.00	37.94 0.15 0.00	35.24 -0.11 0.00	35.00 -0.28 0.00	34.86 -0.39 0.00	35.77 -0.21 0.00	36.76 0.26 0.00	39.66 -0.36 0.00	43.41 -0.79 0.00	44.69 -1.34 0.00	46.32 -1.38 0.00	48.77 -1.98 0.00	51.94 -1.83 0.00	52.77 -2.03 0.00	55.84 -1.61 0.00	64.02 -1.38 0.00	74.87 -2.79 0.00	84.89 -1.73 0.00	80.14 -0.89 0.00	76.01 -1.63 0.00	64.74 -3.41 0.00	54.34 -0.49 0.00	49.73 0.05 0.00
SITHE___INDEPEND 23800	46.96 -1.25 0.00	41.04 -1.23 0.00	36.69 -1.10 0.00	34.28 -1.06 0.00	34.22 -1.06 0.00	34.15 -1.09 0.00	34.90 -1.08 0.00	35.48 -1.02 0.00	38.86 -1.16 0.00	42.88 -1.33 0.00	44.64 -1.38 0.00	46.27 -1.43 0.00	49.18 -1.57 0.00	52.21 -1.56 0.00	53.15 -1.64 0.00	55.78 -1.67 0.00	63.57 -1.83 0.00	75.34 -2.33 0.00	84.20 -2.43 0.00	78.84 -2.19 0.00	75.39 -2.25 0.00	65.82 -2.32 0.00	53.19 -1.65 0.00	48.29 -1.39 0.00
SITHE___MASSENA 23902	48.26 0.05 0.00	42.35 0.08 0.00	37.87 0.08 0.00	35.41 0.07 0.00	35.39 0.11 0.00	35.35 0.11 0.00	36.13 0.14 0.00	36.54 0.04 0.00	39.78 -0.24 0.00	43.99 -0.22 0.00	45.89 -0.14 0.00	47.47 -0.24 0.00	50.50 -0.25 0.00	53.39 -0.37 0.00	54.25 -0.55 0.00	56.76 -0.69 0.00	64.28 -1.11 0.00	76.66 -1.01 0.00	85.67 -0.95 0.00	80.87 -0.16 0.00	77.80 0.16 0.00	69.09 0.95 0.00	55.06 0.22 0.00	49.58 -0.10 0.00
SITHE___OGDNSBRG 24021	49.18 0.96 0.00	43.11 0.85 0.00	38.55 0.76 0.00	35.98 0.64 0.00	35.98 0.71 0.00	35.99 0.74 0.00	36.70 0.72 0.00	36.97 0.47 0.00	40.10 0.08 0.00	44.21 0.00 0.00	46.07 0.05 0.00	47.66 -0.05 0.00	50.65 -0.10 0.00	53.55 -0.22 0.00	54.30 -0.49 0.00	56.87 -0.57 0.00	64.48 -0.92 0.00	77.20 -0.47 0.00	86.71 0.09 0.00	82.49 1.46 0.00	79.59 1.94 0.00	70.80 2.66 0.00	56.16 1.32 0.00	50.58 0.89 0.00
SITHE___STERLING 23777	49.66 1.45 0.00	43.41 1.14 0.00	38.81 1.02 0.00	36.16 0.81 0.00	36.09 0.81 0.00	36.09 0.84 0.00	36.84 0.86 0.00	37.34 0.84 0.00	40.98 0.96 0.00	45.23 1.02 0.00	46.99 0.97 0.00	48.66 0.95 0.00	51.77 1.01 0.00	55.00 1.24 0.00	55.78 0.99 0.00	58.53 1.09 0.00	66.83 1.44 0.00	79.61 1.94 0.00	89.40 2.77 0.00	83.87 2.83 0.00	80.29 2.64 0.00	70.05 1.91 0.00	56.43 1.59 0.00	51.17 1.49 0.00
SLEIGHT__34_KV_TB1 80719	49.61 1.40 0.00	43.03 0.76 0.00	38.47 0.68 0.00	35.87 0.53 0.00	35.70 0.42 0.00	35.67 0.42 0.00	36.56 0.58 0.00	37.19 0.69 0.00	40.78 0.76 0.00	45.14 0.93 0.00	47.04 1.01 0.00	48.75 1.05 0.00	51.77 1.02 0.00	54.89 1.13 0.00	55.84 1.04 0.00	58.59 1.15 0.00	67.03 1.63 0.00	79.30 1.63 0.00	89.05 2.43 0.00	83.46 2.43 0.00	79.59 1.94 0.00	69.03 0.89 0.00	56.05 1.21 0.00	50.83 1.14 0.00
SMITHTWN_69_KV_BK 1 55830	51.97 3.76 0.00	46.49 4.23 0.00	41.42 3.63 0.00	38.70 3.36 0.00	38.67 3.39 0.00	38.70 3.45 0.00	39.51 3.53 0.00	40.04 3.54 0.00	44.34 4.32 0.00	49.38 5.17 -3.10	54.23 5.11 -3.04	56.18 5.44 -1.83	58.22 5.63 -1.85	61.37 5.75 -33.44	94.48 6.25 -61.89	126.00 6.66 -80.15	153.26 7.72 -247.56	334.15 8.93 -245.90	341.88 9.36 -8.35	97.24 7.86 -1.43	85.83 6.76 -1.59	74.71 4.97 -2.23	61.13 4.06 -2.23	54.50 4.82 0.00
SOUTH CAIRO___GT 23612	51.25 3.04 0.00	44.80 2.54 0.00	40.13 2.34 0.00	37.57 2.23 0.00	37.50 2.22 0.00	37.40 2.15 0.00	37.96 1.98 0.00	38.32 1.82 0.00	42.02 2.00 0.00	46.15 1.95 0.00	47.96 1.93 0.00	49.52 1.81 0.00	52.73 1.98 0.00	56.08 2.31 0.00	57.32 2.52 0.00	60.20 2.76 0.00	68.93 3.53 0.00	82.41 4.74 0.00	92.60 5.98 0.00	86.70 5.67 0.00	82.93 5.28 0.00	72.30 4.16 0.00	58.46 3.62 0.00	52.76 3.08 0.00
SOUTH HAMPTN___IC 23720	52.07 3.86 0.00	46.50 4.23 -0.01	41.54 3.74 -0.01	38.78 3.43 -0.01	38.78 3.49 -0.01	38.85 3.60 -0.01	39.66 3.67 -0.01	40.12 3.61 -0.01	44.63 4.60 -0.01	49.74 5.53 -3.10	54.83 5.71 -2.91	56.77 6.16 -1.75	59.09 6.59 -1.73	61.99 6.50 -15.97	77.79 7.02 -18.20	83.00 7.35 -31.33	105.55 8.82 -153.49	241.33 10.17 -152.19	249.64 10.83 -4.05	94.39 9.31 -1.34	86.82 7.84 -1.50	75.23 5.59 -2.12	61.07 4.11 -0.01	54.46 4.77 -0.01
SOUTHDOWN_115KV_TB1 355954	48.94 0.72 0.00	42.35 0.08 0.00	37.79 0.00 0.00	35.17 -0.18 0.00	35.03 -0.25 0.00	34.93 -0.32 0.00	35.80 -0.18 0.00	37.01 0.51 0.00	39.98 -0.04 0.00	44.03 -0.18 0.00	45.29 -0.74 0.00	46.94 -0.76 0.00	49.89 -0.86 0.00	52.85 -0.91 0.00	53.70 -1.10 0.00	56.99 -0.46 0.00	65.33 -0.07 0.00	76.74 -0.93 0.00	86.97 0.35 0.00	81.52 0.49 0.00	77.10 -0.54 0.00	65.55 -2.59 0.00	54.13 -0.71 0.00	49.53 -0.15 0.00
SOUTHOLD_69_KV_BK 2 55809	52.70 4.48 0.00	47.17 4.90 0.00	41.99 4.19 0.00	39.13 3.78 0.00	39.12 3.85 0.00	39.23 3.98 0.00	39.90 3.92 0.00	40.51 4.01 0.00	45.26 5.24 0.00	50.62 6.41 -3.10	55.75 6.63 -2.91	57.77 7.16 -1.75	59.91 7.41 -1.73	63.18 7.69 -16.03	78.99 8.16 -18.27	84.45 8.73 -31.40	107.07 10.27 -153.58	243.05 11.81 -152.27	251.55 12.65 -4.06	95.94 10.86 -1.34	88.15 9.16 -1.50	76.32 6.68 -2.12	61.89 4.94 -2.12	55.40 5.71 0.00
SOUTHOLD___IC 23719	52.70 4.48 0.00	47.01 4.73 -0.01	41.99 4.19 -0.01	39.14 3.78 -0.01	39.13 3.85 -0.01	39.23 3.98 -0.01	39.91 3.92 -0.01	40.52 4.02 -0.01	45.27 5.24 -0.01	50.54 6.32 -3.10	55.80 6.67 -2.91	57.77 7.15 -1.75	60.11 7.61 -1.73	63.18 7.69 -16.03	79.00 8.17 -18.27	84.33 8.61 -31.40	107.07 10.27 -153.58	243.05 11.80 -152.27	251.55 12.65 -4.06	96.02 10.93 -1.34	88.14 9.16 -1.50	76.25 6.61 -2.12	61.73 4.77 -2.12	55.16 5.47 -0.01
SOUTH_FORK_WT_PWR 323839	52.36 4.15 0.00	46.71 4.44 -0.01	41.73 3.93 -0.01	38.92 3.57 -0.01	38.92 3.63 -0.01	39.03 3.77 -0.01	39.59 3.60 -0.01	40.27 3.76 -0.01	45.07 5.04 -0.01	50.36 6.14 -3.10	55.57 6.44 -2.91	57.48 6.87 -1.75	59.81 7.31 -1.73	62.80 7.31 -16.00	78.53 7.73 -18.23	83.83 8.15 -31.36	106.44 9.68 -153.53	242.39 11.19 -152.23	250.72 11.87 -4.05	95.37 10.29 -1.34	87.45 8.46 -1.50	75.64 6.00 -2.12	61.18 4.22 -2.12	54.86 5.17 -0.01
SPIERFLS_115KV_TB 1 80737	50.48 2.27 0.00	44.30 2.03 0.00	39.60 1.81 0.00	37.04 1.70 0.00	37.01 1.73 0.00	36.87 1.62 0.00	37.60 1.62 0.00	38.25 1.75 0.00	41.98 1.96 0.00	46.33 2.12 0.00	47.73 1.70 0.00	49.57 1.86 0.00	52.68 1.93 0.00	55.97 2.20 0.00	57.04 2.25 0.00	59.80 2.36 0.00	68.14 2.75 0.00	81.47 3.81 0.00	91.74 5.11 0.00	85.65 4.62 0.00	82.38 4.74 0.00	71.48 3.34 0.00	57.69 2.85 0.00	52.27 2.58 0.00
ST LAWRENCE____ 23600	47.64 -0.58 0.00	41.80 -0.46 0.00	37.38 -0.41 0.00	34.96 -0.39 0.00	34.96 -0.32 0.00	34.89 -0.35 0.00	35.62 -0.36 0.00	36.06 -0.44 0.00	39.38 -0.64 0.00	43.50 -0.71 0.00	45.38 -0.64 0.00	46.99 -0.71 0.00	49.94 -0.81 0.00	52.85 -0.91 0.00	53.75 -1.04 0.00	56.30 -1.15 0.00	63.90 -1.50 0.00	76.11 -1.55 0.00	84.89 -1.73 0.00	79.82 -1.21 0.00	76.79 -0.85 0.00	68.07 -0.07 0.00	54.34 -0.49 0.00	48.99 -0.70 0.00

STATE_CA_115KV_115_LB 55624	49.56 1.35 0.00	43.45 1.18 0.00	39.00 1.21 0.00	36.48 1.13 0.00	36.44 1.16 0.00	36.37 1.13 0.00	37.10 1.12 0.00	37.59 1.09 0.00	41.34 1.32 0.00	45.62 1.41 0.00	47.40 1.38 0.00	49.14 1.43 0.00	52.38 1.62 0.00	55.54 1.77 0.00	56.77 1.97 0.00	59.46 2.01 0.00	67.69 2.29 0.00	80.54 2.87 0.00	89.57 2.95 0.00	83.38 2.35 0.00	79.82 2.17 0.00	69.57 1.43 0.00	56.26 1.43 0.00	51.07 1.39 0.00
STATE_ST_34_KV_LOAD 55959	48.79 0.58 0.00	42.48 0.21 0.00	37.98 0.19 0.00	35.45 0.11 0.00	35.31 0.04 0.00	35.28 0.04 0.00	36.09 0.11 0.00	36.68 0.18 0.00	40.22 0.20 0.00	44.43 0.22 0.00	46.25 0.23 0.00	47.94 0.24 0.00	50.90 0.15 0.00	54.09 0.32 0.00	55.07 0.27 0.00	57.73 0.29 0.00	66.05 0.65 0.00	78.29 0.62 0.00	87.75 1.13 0.00	82.25 1.22 0.00	78.50 0.85 0.00	68.28 0.14 0.00	55.28 0.44 0.00	50.13 0.45 0.00
STATION_5_MISC_HYD 23604	48.36 0.15 0.00	42.01 -0.25 0.00	37.45 -0.34 0.00	34.85 -0.49 0.00	34.68 -0.60 0.00	34.57 -0.67 0.00	35.41 -0.58 0.00	36.28 -0.22 0.00	39.54 -0.48 0.00	43.59 -0.62 0.00	45.20 -0.83 0.00	46.85 -0.86 0.00	49.64 -1.12 0.00	52.74 -1.02 0.00	53.64 -1.15 0.00	56.52 -0.92 0.00	64.68 -0.72 0.00	75.80 -1.86 0.00	85.41 -1.21 0.00	80.38 -0.65 0.00	76.40 -1.25 0.00	65.69 -2.45 0.00	54.34 -0.49 0.00	49.44 -0.25 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	48.36 0.14 0.00	41.93 -0.34 0.00	37.53 -0.26 0.00	34.96 -0.39 0.00	34.79 -0.49 0.00	34.72 -0.53 0.00	35.55 -0.43 0.00	36.32 -0.18 0.00	39.66 -0.36 0.00	43.77 -0.44 0.00	45.52 -0.51 0.00	47.18 -0.52 0.00	50.04 -0.71 0.00	53.07 -0.70 0.00	53.92 -0.88 0.00	56.70 -0.75 0.00	64.94 -0.46 0.00	76.42 -1.24 0.00	86.02 -0.61 0.00	80.79 -0.24 0.00	76.87 -0.78 0.00	66.37 -1.77 0.00	54.13 -0.71 0.00	49.34 -0.35 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	48.07 -0.14 0.00	41.68 -0.59 0.00	37.26 -0.53 0.00	34.67 -0.67 0.00	34.50 -0.78 0.00	34.40 -0.85 0.00	35.23 -0.76 0.00	36.06 -0.44 0.00	39.34 -0.68 0.00	43.37 -0.84 0.00	45.06 -0.97 0.00	46.70 -1.00 0.00	49.64 -1.12 0.00	52.58 -1.18 0.00	53.48 -1.32 0.00	56.24 -1.21 0.00	64.42 -0.98 0.00	75.65 -2.02 0.00	85.15 -1.47 0.00	80.06 -0.97 0.00	75.94 -1.71 0.00	65.41 -2.73 0.00	53.58 -1.26 0.00	48.99 -0.70 0.00
STA_56___34_KV_BUS2 355983	48.07 -0.14 0.00	41.68 -0.59 0.00	37.26 -0.53 0.00	34.67 -0.67 0.00	34.50 -0.78 0.00	34.40 -0.85 0.00	35.23 -0.76 0.00	36.06 -0.44 0.00	39.34 -0.68 0.00	43.37 -0.84 0.00	45.06 -0.97 0.00	46.70 -1.00 0.00	49.64 -1.12 0.00	52.58 -1.18 0.00	53.48 -1.32 0.00	56.24 -1.21 0.00	64.42 -0.98 0.00	75.65 -2.02 0.00	85.15 -1.47 0.00	80.06 -0.97 0.00	75.94 -1.71 0.00	65.41 -2.73 0.00	53.58 -1.26 0.00	48.99 -0.70 0.00
STA_67___115KV_BK2 355882	48.21 0.00 0.00	41.80 -0.46 0.00	37.38 -0.42 0.00	34.78 -0.57 0.00	34.61 -0.67 0.00	34.51 -0.74 0.00	35.33 -0.65 0.00	36.21 -0.29 0.00	39.42 -0.60 0.00	43.41 -0.80 0.00	45.06 -0.97 0.00	46.70 -1.00 0.00	49.58 -1.17 0.00	52.58 -1.18 0.00	53.48 -1.32 0.00	56.24 -1.21 0.00	64.48 -0.92 0.00	75.57 -2.10 0.00	85.15 -1.47 0.00	80.14 -0.89 0.00	76.02 -1.63 0.00	65.41 -2.73 0.00	53.63 -1.21 0.00	49.09 -0.60 0.00
STA_7___115KV_9TRANS 80674	48.65 0.43 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.03 -0.32 0.00	34.86 -0.42 0.00	34.72 -0.53 0.00	35.59 -0.40 0.00	36.46 -0.04 0.00	39.74 -0.28 0.00	43.81 -0.40 0.00	45.52 -0.51 0.00	47.23 -0.48 0.00	50.14 -0.61 0.00	53.17 -0.59 0.00	54.03 -0.77 0.00	56.81 -0.63 0.00	65.14 -0.26 0.00	76.35 -1.32 0.00	85.93 -0.69 0.00	80.95 -0.08 0.00	76.87 -0.78 0.00	66.10 -2.04 0.00	54.18 -0.66 0.00	49.53 -0.15 0.00
STA_82___115KV_TB1 80780	48.21 0.00 0.00	41.80 -0.46 0.00	37.38 -0.42 0.00	34.81 -0.53 0.00	34.61 -0.67 0.00	34.51 -0.74 0.00	35.37 -0.61 0.00	36.21 -0.29 0.00	39.46 -0.56 0.00	43.41 -0.80 0.00	45.06 -0.97 0.00	46.70 -1.00 0.00	49.64 -1.12 0.00	52.58 -1.18 0.00	53.48 -1.32 0.00	56.24 -1.21 0.00	64.48 -0.92 0.00	75.65 -2.02 0.00	85.15 -1.47 0.00	80.14 -0.89 0.00	76.02 -1.63 0.00	65.41 -2.73 0.00	53.63 -1.21 0.00	49.09 -0.60 0.00
STEEL___WIND 323596	48.02 -0.19 0.00	41.84 -0.42 0.00	37.18 -0.61 0.00	34.60 -0.74 0.00	34.33 -0.95 0.00	34.15 -1.09 0.00	35.08 -0.90 0.00	36.17 -0.33 0.00	39.10 -0.92 0.00	42.93 -1.28 0.00	43.95 -2.07 0.00	45.61 -2.10 0.00	48.06 -2.69 0.00	51.24 -2.53 0.00	52.11 -2.68 0.00	55.26 -2.18 0.00	63.30 -2.10 0.00	73.94 -3.73 0.00	83.68 -2.95 0.00	78.52 -2.51 0.00	74.62 -3.03 0.00	63.23 -4.91 0.00	53.41 -1.43 0.00	48.79 -0.89 0.00
STEPHTWN_115KV_BK_2 55603	49.80 1.59 0.00	43.70 1.44 0.00	39.15 1.36 0.00	36.65 1.31 0.00	36.58 1.31 0.00	36.51 1.27 0.00	37.24 1.26 0.00	37.78 1.28 0.00	41.54 1.52 0.00	45.80 1.59 0.00	47.63 1.61 0.00	49.37 1.67 0.00	52.58 1.83 0.00	55.86 2.10 0.00	57.04 2.25 0.00	59.80 2.36 0.00	68.08 2.68 0.00	81.01 3.34 0.00	90.18 3.55 0.00	83.95 2.92 0.00	80.29 2.64 0.00	69.91 1.77 0.00	56.59 1.75 0.00	51.32 1.64 0.00
STEUBEN_REC_LFGE 323667	48.94 0.72 0.00	42.22 -0.04 0.00	37.72 -0.08 0.00	35.17 -0.18 0.00	34.89 -0.39 0.00	34.89 -0.35 0.00	35.77 -0.22 0.00	36.61 0.11 0.00	39.74 -0.28 0.00	43.68 -0.53 0.00	44.97 -1.06 0.00	46.46 -1.24 0.00	49.08 -1.67 0.00	51.99 -1.77 0.00	52.82 -1.97 0.00	55.72 -1.72 0.00	64.09 -1.31 0.00	75.73 -1.94 0.00	86.02 -0.61 0.00	81.19 0.16 0.00	77.41 -0.23 0.00	66.30 -1.84 0.00	54.46 -0.38 0.00	49.63 -0.05 0.00
STILLWATER___SOLAR 323814	50.77 2.55 0.00	44.51 2.24 0.00	39.79 2.00 0.00	37.22 1.87 0.00	37.18 1.90 0.00	37.08 1.83 0.00	37.82 1.83 0.00	38.40 1.90 0.00	42.10 2.08 0.00	46.46 2.25 0.00	48.14 2.12 0.00	49.95 2.24 0.00	53.14 2.39 0.00	56.45 2.69 0.00	57.59 2.79 0.00	60.37 2.93 0.00	68.80 3.40 0.00	82.09 4.42 0.00	91.82 5.20 0.00	85.65 4.62 0.00	82.15 4.50 0.00	71.48 3.34 0.00	57.74 2.90 0.00	52.41 2.73 0.00
STONY___BROOK 24151	51.87 3.66 0.00	46.33 4.06 -0.01	41.39 3.59 -0.01	38.71 3.36 -0.01	38.67 3.39 -0.01	38.71 3.46 -0.01	39.52 3.53 -0.01	40.05 3.54 -0.01	44.35 4.32 -0.01	49.26 5.04 -0.01	54.19 5.06 -3.10	56.10 5.39 -3.01	58.35 5.78 -1.81	61.22 5.64 -1.81	85.97 6.08 -25.10	102.74 6.15 -39.15	127.26 7.39 -54.47	282.84 8.54 -196.63	290.69 8.92 -195.14	94.76 7.61 -6.11	85.49 6.44 -1.40	74.55 4.84 -1.57	60.77 3.73 -2.20	54.21 4.52 -0.01
STURGEON_POOL_HYD 23609	50.57 2.36 0.00	44.42 2.16 0.00	39.64 1.85 0.00	37.18 1.84 0.00	37.11 1.83 0.00	37.11 1.87 0.00	37.78 1.80 0.00	38.29 1.79 0.00	42.22 2.20 0.00	46.86 2.65 0.00	48.92 2.90 0.00	50.71 3.01 0.00	54.05 3.30 0.00	57.15 3.39 0.00	58.41 3.62 0.00	61.29 3.85 0.00	69.97 4.58 0.00	83.03 5.36 0.00	92.34 5.72 0.00	85.73 4.70 0.00	81.76 4.12 0.00	71.00 2.86 0.00	57.58 2.74 0.00	52.42 2.73 0.00

ST_LAW_115_BK7_LBMP 345037	47.64 -0.58 0.00	41.80 -0.46 0.00	37.38 -0.41 0.00	34.96 -0.39 0.00	34.96 -0.32 0.00	34.89 -0.35 0.00	35.62 -0.36 0.00	36.06 -0.44 0.00	39.34 -0.68 0.00	43.50 -0.71 0.00	45.34 -0.69 0.00	46.94 -0.77 0.00	49.94 -0.81 0.00	52.80 -0.97 0.00	53.75 -1.04 0.00	56.24 -1.21 0.00	63.83 -1.57 0.00	76.03 -1.63 0.00	84.80 -1.82 0.00	79.82 -1.21 0.00	76.79 -0.85 0.00	68.14 0.00 0.00	54.34 -0.49 0.00	48.94 -0.74 0.00
ST_LAW_115_BK8_LBMP 345038	47.64 -0.58 0.00	41.80 -0.46 0.00	37.38 -0.41 0.00	34.96 -0.39 0.00	34.96 -0.32 0.00	34.89 -0.35 0.00	35.62 -0.36 0.00	36.06 -0.44 0.00	39.34 -0.68 0.00	43.50 -0.71 0.00	45.34 -0.69 0.00	46.94 -0.77 0.00	49.94 -0.81 0.00	52.80 -0.97 0.00	53.75 -1.04 0.00	56.24 -1.21 0.00	63.83 -1.57 0.00	76.03 -1.63 0.00	84.80 -1.82 0.00	79.82 -1.21 0.00	76.79 -0.85 0.00	68.14 0.00 0.00	54.34 -0.49 0.00	48.94 -0.74 0.00
ST_LAW_230_BK5_LBMP 345035	47.64 -0.58 0.00	41.80 -0.46 0.00	37.38 -0.41 0.00	34.96 -0.39 0.00	34.96 -0.32 0.00	34.89 -0.35 0.00	35.62 -0.36 0.00	36.06 -0.44 0.00	39.38 -0.64 0.00	43.50 -0.71 0.00	45.38 -0.64 0.00	46.99 -0.71 0.00	49.94 -0.81 0.00	52.85 -0.91 0.00	53.75 -1.04 0.00	56.30 -1.15 0.00	63.90 -1.50 0.00	76.11 -1.55 0.00	84.89 -1.73 0.00	79.82 -1.21 0.00	76.79 -0.85 0.00	68.07 -0.07 0.00	54.34 -0.49 0.00	48.99 -0.70 0.00
ST_LAW_230_BK6_LBMP 345036	47.64 -0.58 0.00	41.80 -0.46 0.00	37.38 -0.41 0.00	34.96 -0.39 0.00	34.96 -0.32 0.00	34.89 -0.35 0.00	35.62 -0.36 0.00	36.06 -0.44 0.00	39.38 -0.64 0.00	43.50 -0.71 0.00	45.38 -0.64 0.00	46.99 -0.71 0.00	49.94 -0.81 0.00	52.85 -0.91 0.00	53.75 -1.04 0.00	56.30 -1.15 0.00	63.90 -1.50 0.00	76.11 -1.55 0.00	84.89 -1.73 0.00	79.82 -1.21 0.00	76.79 -0.85 0.00	68.07 -0.07 0.00	54.34 -0.49 0.00	48.99 -0.70 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.38 2.17 0.00	44.34 2.07 0.00	39.57 1.78 0.00	37.11 1.77 0.00	37.04 1.76 0.00	37.04 1.80 0.00	37.78 1.80 0.00	38.29 1.79 0.00	42.22 2.20 0.00	46.82 2.61 0.00	48.83 2.81 0.00	50.66 2.96 0.00	54.00 3.25 0.00	57.04 3.28 0.00	58.36 3.56 0.00	61.24 3.79 0.00	69.84 4.45 0.00	82.87 5.20 0.00	92.08 5.46 0.00	85.49 4.46 0.00	81.53 3.88 0.00	70.73 2.59 0.00	57.36 2.52 0.00	52.27 2.58 0.00
SWANROAD_115KV_TB1 355699	47.25 -0.96 0.00	41.17 -1.10 0.00	36.85 -0.94 0.00	34.28 -1.06 0.00	33.97 -1.31 0.00	33.80 -1.45 0.00	34.69 -1.30 0.00	35.77 -0.73 0.00	38.46 -1.56 0.00	41.60 -2.61 0.00	42.66 -3.36 0.00	44.22 -3.48 0.00	46.79 -3.96 0.00	49.63 -4.14 0.00	50.41 -4.38 0.00	53.37 -4.08 0.00	61.21 -4.19 0.00	71.30 -6.37 0.00	80.73 -5.89 0.00	75.84 -5.19 0.00	71.67 -5.98 0.00	60.92 -7.22 0.00	50.78 -4.06 0.00	47.45 -2.24 0.00
SYNERGY___BIOGAS 323694	49.03 0.82 0.00	42.44 0.17 0.00	37.94 0.15 0.00	35.24 -0.11 0.00	35.00 -0.28 0.00	34.86 -0.39 0.00	35.77 -0.22 0.00	36.76 0.26 0.00	39.66 -0.36 0.00	43.33 -0.88 0.00	44.69 -1.33 0.00	46.32 -1.38 0.00	48.98 -1.78 0.00	51.94 -1.83 0.00	52.77 -2.03 0.00	55.72 -1.72 0.00	64.02 -1.37 0.00	74.87 -2.80 0.00	84.89 -1.73 0.00	80.14 -0.89 0.00	75.78 -1.86 0.00	64.67 -3.48 0.00	53.47 -1.37 0.00	49.39 -0.30 0.00
SYRACUSE___ENERGY_ST1 323597	48.26 0.05 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.17 -0.18 0.00	35.03 -0.25 0.00	35.00 -0.25 0.00	35.80 -0.18 0.00	36.35 -0.15 0.00	39.90 -0.12 0.00	44.12 -0.09 0.00	45.93 -0.09 0.00	47.61 -0.10 0.00	50.60 -0.15 0.00	53.66 -0.11 0.00	54.63 -0.16 0.00	57.33 -0.11 0.00	65.46 0.07 0.00	77.51 -0.16 0.00	86.63 0.00 0.00	81.11 0.08 0.00	77.49 -0.16 0.00	67.53 -0.61 0.00	54.67 -0.16 0.00	49.58 -0.10 0.00
SYRACUSE___ENERGY_ST2 323598	48.26 0.05 0.00	42.10 -0.17 0.00	37.64 -0.15 0.00	35.17 -0.18 0.00	35.03 -0.25 0.00	35.00 -0.25 0.00	35.80 -0.18 0.00	36.35 -0.15 0.00	39.90 -0.12 0.00	44.12 -0.09 0.00	45.93 -0.09 0.00	47.61 -0.10 0.00	50.60 -0.15 0.00	53.66 -0.11 0.00	54.63 -0.16 0.00	57.33 -0.11 0.00	65.46 0.07 0.00	77.51 -0.16 0.00	86.63 0.00 0.00	81.11 0.08 0.00	77.49 -0.16 0.00	67.53 -0.61 0.00	54.67 -0.16 0.00	49.58 -0.10 0.00
SYRACUSE___POWER 24017	48.07 -0.14 0.00	41.97 -0.30 0.00	37.53 -0.26 0.00	35.03 -0.32 0.00	34.89 -0.39 0.00	34.86 -0.39 0.00	35.66 -0.32 0.00	36.24 -0.26 0.00	39.74 -0.28 0.00	43.94 -0.27 0.00	45.70 -0.32 0.00	47.42 -0.29 0.00	50.40 -0.36 0.00	53.50 -0.27 0.00	54.47 -0.33 0.00	57.10 -0.34 0.00	65.20 -0.20 0.00	77.28 -0.39 0.00	86.45 -0.17 0.00	80.87 -0.16 0.00	77.26 -0.39 0.00	67.32 -0.82 0.00	54.51 -0.33 0.00	49.44 -0.25 0.00
TALLMAN_138KV_BK151 55660	50.67 2.46 0.00	44.59 2.32 0.00	39.79 2.00 0.00	37.32 1.98 0.00	37.29 2.01 0.00	37.29 2.04 0.00	38.03 2.05 0.00	38.58 2.08 0.00	42.58 2.56 0.00	47.22 3.01 0.00	49.29 3.27 0.00	51.19 3.48 0.00	54.51 3.76 0.00	57.58 3.82 0.00	58.91 4.11 0.00	61.81 4.37 0.00	70.56 5.17 0.00	83.65 5.98 0.00	92.86 6.24 0.00	86.05 5.02 0.00	81.99 4.35 0.00	71.07 2.93 0.00	57.64 2.80 0.00	52.62 2.93 0.00
TEALLAVE_115KV_TB7 355573	47.87 -0.34 0.00	41.80 -0.46 0.00	37.38 -0.42 0.00	34.92 -0.42 0.00	34.79 -0.49 0.00	34.75 -0.49 0.00	35.51 -0.47 0.00	36.10 -0.40 0.00	39.62 -0.40 0.00	43.77 -0.44 0.00	45.56 -0.46 0.00	47.23 -0.48 0.00	50.19 -0.56 0.00	53.28 -0.48 0.00	54.25 -0.55 0.00	56.87 -0.57 0.00	64.94 -0.46 0.00	76.89 -0.78 0.00	86.02 -0.61 0.00	80.46 -0.57 0.00	76.87 -0.78 0.00	66.98 -1.16 0.00	54.24 -0.60 0.00	49.24 -0.45 0.00
TELGRAPH_34_KV_EAST 80808	48.26 0.05 0.00	41.89 -0.38 0.00	37.45 -0.34 0.00	34.81 -0.53 0.00	34.54 -0.74 0.00	34.36 -0.88 0.00	35.30 -0.68 0.00	36.32 -0.18 0.00	39.18 -0.84 0.00	42.66 -1.55 0.00	43.91 -2.12 0.00	45.51 -2.19 0.00	48.11 -2.64 0.00	50.97 -2.80 0.00	51.78 -3.01 0.00	54.75 -2.70 0.00	62.85 -2.55 0.00	73.32 -4.35 0.00	83.07 -3.55 0.00	78.19 -2.84 0.00	73.92 -3.73 0.00	62.96 -5.18 0.00	52.26 -2.58 0.00	48.44 -1.24 0.00
TEMPLE___115KV_TB 2 55572	47.92 -0.29 0.00	41.80 -0.46 0.00	37.38 -0.42 0.00	34.92 -0.42 0.00	34.79 -0.49 0.00	34.75 -0.49 0.00	35.55 -0.43 0.00	36.13 -0.37 0.00	39.62 -0.40 0.00	43.81 -0.40 0.00	45.56 -0.46 0.00	47.28 -0.43 0.00	50.24 -0.51 0.00	53.33 -0.43 0.00	54.30 -0.49 0.00	56.93 -0.52 0.00	65.00 -0.39 0.00	76.97 -0.70 0.00	86.02 -0.61 0.00	80.54 -0.49 0.00	76.95 -0.70 0.00	67.05 -1.09 0.00	54.24 -0.60 0.00	49.24 -0.45 0.00
TIANA____69_KV_BK 1 55817	51.97 3.76 0.00	46.58 4.31 0.00	41.46 3.67 0.00	38.70 3.36 0.00	38.70 3.42 0.00	38.77 3.52 0.00	39.62 3.63 0.00	40.04 3.54 0.00	44.50 4.48 0.00	49.60 5.39 0.00	54.60 5.48 -3.10	56.53 5.92 -2.91	58.64 6.14 -1.75	61.78 6.29 -1.73	77.56 6.74 -16.02	82.94 7.24 -18.26	105.29 8.50 -31.39	241.10 9.86 -153.56	249.36 10.48 -152.26	94.00 8.91 -4.05	86.59 7.61 -1.34	75.09 5.45 -1.50	61.18 4.22 -2.12	54.60 4.92 0.00

TILDEN___115KV_TB1 80814	48.07 -0.14 0.00	41.97 -0.30 0.00	37.53 -0.26 0.00	35.03 -0.32 0.00	34.89 -0.39 0.00	34.86 -0.39 0.00	35.66 0.00	36.24 -0.26 0.00	39.74 -0.28 0.00	43.94 -0.27 0.00	45.70 -0.32 0.00	47.42 -0.29 0.00	50.40 -0.36 0.00	53.50 -0.27 0.00	54.47 -0.33 0.00	57.10 -0.34 0.00	65.20 -0.20 0.00	77.28 -0.39 0.00	86.45 -0.17 0.00	80.87 -0.16 0.00	77.26 -0.39 0.00	67.32 -0.82 0.00	54.51 -0.33 0.00	49.44 -0.25 0.00
TRIGEN___CC 323695	51.49 3.28 0.00	45.65 3.38 0.00	40.74 2.95 0.00	38.17 2.83 0.00	38.14 2.86 0.00	38.14 2.89 0.00	38.93 2.95 0.00	39.53 3.03 0.00	43.62 3.60 0.00	48.41 4.20 0.00	53.41 4.28 -3.10	73.42 4.48 -21.23	69.55 4.87 -13.93	72.73 5.00 -13.97	79.54 5.32 -19.43	82.96 5.57 -19.94	101.98 6.54 -30.04	106.32 7.53 -21.12	107.98 7.97 -13.38	103.31 6.64 -15.64	96.59 5.90 -13.04	85.70 4.16 -13.40	75.16 4.00 -16.32	53.76 4.07 0.00
TRINITY___115KV___4 BK 55933	49.37 1.16 0.00	43.32 1.06 0.00	38.85 1.06 0.00	36.37 1.02 0.00	36.34 1.06 0.00	36.27 1.02 0.00	36.99 1.01 0.00	37.49 0.99 0.00	41.18 1.16 0.00	45.45 1.24 0.00	47.22 1.20 0.00	48.95 1.24 0.00	52.12 1.37 0.00	55.32 1.56 0.00	56.50 1.70 0.00	59.23 1.78 0.00	67.42 2.03 0.00	80.15 2.49 0.00	89.14 2.51 0.00	83.06 2.03 0.00	79.43 1.79 0.00	69.23 1.09 0.00	56.05 1.21 0.00	50.88 1.19 0.00
UNION___PROCESSING_DRP 323587	48.21 0.00 0.00	41.80 -0.46 0.00	37.41 -0.38 0.00	34.81 -0.53 0.00	34.64 -0.64 0.00	34.51 -0.74 0.00	35.37 -0.61 0.00	36.21 -0.29 0.00	39.46 -0.56 0.00	43.46 -0.75 0.00	45.10 -0.92 0.00	46.75 -0.95 0.00	49.64 -1.12 0.00	52.64 -1.13 0.00	53.48 -1.32 0.00	56.30 -1.15 0.00	64.48 -0.92 0.00	75.65 -2.02 0.00	85.24 -1.39 0.00	80.14 -0.89 0.00	76.09 -1.55 0.00	65.48 -2.66 0.00	53.69 -1.15 0.00	49.09 -0.60 0.00
UPPER HUDSON___HYD 24058	50.48 2.27 0.00	44.25 1.99 0.00	39.60 1.81 0.00	37.04 1.70 0.00	37.01 1.73 0.00	36.87 1.62 0.00	37.60 1.62 0.00	38.25 1.75 0.00	41.98 1.96 0.00	46.33 2.12 0.00	47.73 1.70 0.00	49.56 1.86 0.00	52.68 1.93 0.00	55.97 2.21 0.00	57.04 2.25 0.00	59.80 2.36 0.00	68.14 2.75 0.00	81.47 3.80 0.00	91.74 5.11 0.00	85.57 4.53 0.00	82.38 4.74 0.00	71.48 3.34 0.00	57.63 2.80 0.00	52.27 2.58 0.00
UPPER RAQUET___HYD 24056	48.65 0.43 0.00	42.65 0.38 0.00	38.13 0.34 0.00	35.63 0.28 0.00	35.63 0.35 0.00	35.63 0.39 0.00	36.38 0.40 0.00	36.72 0.22 0.00	39.94 -0.08 0.00	44.17 -0.04 0.00	46.02 0.00 0.00	47.61 -0.10 0.00	50.60 -0.15 0.00	53.44 -0.32 0.00	54.25 -0.55 0.00	56.70 -0.75 0.00	64.22 -1.18 0.00	76.74 -0.93 0.00	86.11 -0.52 0.00	81.60 0.57 0.00	78.58 0.94 0.00	69.84 1.70 0.00	55.44 0.60 0.00	49.93 0.25 0.00
VALLEY44_115KV_TB2 355964	47.63 -0.58 0.00	41.29 -0.97 0.00	36.88 -0.91 0.00	34.35 -0.99 0.00	34.08 -1.20 0.00	33.98 -1.27 0.00	34.83 -1.15 0.00	35.88 -0.62 0.00	38.86 -1.16 0.00	42.71 -1.50 0.00	44.00 -2.03 0.00	45.61 -2.10 0.00	48.32 -2.44 0.00	51.24 -2.53 0.00	52.11 -2.69 0.00	55.09 -2.36 0.00	63.24 -2.16 0.00	74.25 -3.42 0.00	83.94 -2.69 0.00	78.68 -2.35 0.00	74.62 -3.03 0.00	63.58 -4.57 0.00	52.59 -2.25 0.00	48.24 -1.44 0.00
VALLEY___115KV_TB 1-4 80826	48.50 0.29 0.00	42.52 0.25 0.00	38.02 0.23 0.00	35.49 0.14 0.00	35.46 0.18 0.00	35.42 0.18 0.00	36.16 0.18 0.00	36.68 0.18 0.00	40.30 0.28 0.00	44.52 0.31 0.00	46.35 0.32 0.00	47.99 0.29 0.00	51.06 0.30 0.00	54.03 0.27 0.00	54.91 0.11 0.00	57.50 0.06 0.00	65.46 0.07 0.00	77.82 0.16 0.00	86.97 0.35 0.00	81.44 0.41 0.00	78.03 0.39 0.00	68.41 0.27 0.00	55.11 0.27 0.00	49.98 0.30 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	50.57 2.36 0.00	44.30 2.03 0.00	39.57 1.78 0.00	36.90 1.56 0.00	36.87 1.59 0.00	36.87 1.62 0.00	37.64 1.66 0.00	38.25 1.75 0.00	42.10 2.08 0.00	46.55 2.34 0.00	48.46 2.44 0.00	50.19 2.48 0.00	53.44 2.69 0.00	56.67 2.90 0.00	57.43 2.63 0.00	60.26 2.81 0.00	68.60 3.20 0.00	81.47 3.81 0.00	91.22 4.59 0.00	85.16 4.13 0.00	81.45 3.80 0.00	71.00 2.86 0.00	57.31 2.47 0.00	52.07 2.38 0.00
VISCHER___FERRY HYD 24020	50.33 2.12 0.00	44.17 1.90 0.00	39.53 1.74 0.00	36.97 1.63 0.00	36.94 1.66 0.00	36.87 1.62 0.00	37.60 1.62 0.00	38.14 1.64 0.00	41.90 1.88 0.00	46.20 1.99 0.00	48.00 1.98 0.00	49.80 2.10 0.00	53.04 2.29 0.00	56.24 2.47 0.00	57.48 2.68 0.00	60.26 2.81 0.00	68.67 3.27 0.00	81.70 4.04 0.00	90.95 4.33 0.00	84.76 3.73 0.00	81.14 3.50 0.00	70.73 2.59 0.00	57.09 2.25 0.00	51.87 2.18 0.00
V_A_10_SYNC_DSASP 323832	47.39 -0.82 0.00	41.17 -1.10 0.00	36.81 -0.98 0.00	34.28 -1.06 0.00	34.04 -1.23 0.00	33.87 -1.37 0.00	34.76 -1.22 0.00	35.73 -0.77 0.00	38.78 -1.24 0.00	42.44 -1.77 0.00	43.72 -2.30 0.00	45.32 -2.39 0.00	48.06 -2.69 0.00	50.97 -2.80 0.00	51.78 -3.01 0.00	54.63 -2.81 0.00	62.72 -2.68 0.00	73.24 -4.43 0.00	82.73 -3.90 0.00	77.63 -3.40 0.00	73.53 -4.12 0.00	62.83 -5.31 0.00	52.04 -2.80 0.00	47.90 -1.79 0.00
V_CMM_10_SYNC_DSASP 323787	47.82 -0.39 0.00	41.97 -0.29 0.00	37.53 -0.26 0.00	35.13 -0.21 0.00	35.10 -0.18 0.00	35.07 -0.18 0.00	35.80 -0.18 0.00	36.21 -0.29 0.00	39.50 -0.52 0.00	43.68 -0.53 0.00	45.56 -0.46 0.00	47.18 -0.52 0.00	50.15 -0.61 0.00	53.01 -0.75 0.00	53.98 -0.82 0.00	56.47 -0.98 0.00	64.02 -1.38 0.00	76.27 -1.40 0.00	85.07 -1.56 0.00	80.14 -0.89 0.00	77.11 -0.54 0.00	68.41 0.27 0.00	54.57 -0.27 0.00	49.19 -0.50 0.00
V_CMP_10_SYNC_DSASP 323788	48.26 0.05 0.00	42.27 0.00 0.00	37.79 0.00 0.00	35.41 0.07 0.00	35.46 0.18 0.00	35.39 0.14 0.00	36.13 0.14 0.00	36.50 0.00 0.00	39.74 -0.28 0.00	43.99 -0.22 0.00	45.93 -0.09 0.00	47.51 -0.19 0.00	50.19 -0.56 0.00	53.01 -0.75 0.00	53.81 -0.98 0.00	56.24 -1.21 0.00	63.57 -1.83 0.00	75.80 -1.86 0.00	84.55 -2.08 0.00	80.06 -0.97 0.00	77.11 -0.54 0.00	68.55 0.41 0.00	54.57 -0.27 0.00	49.14 -0.55 0.00
V_D_10_SYNC_DSASP 323841	48.26 0.05 0.00	42.35 0.08 0.00	37.87 0.08 0.00	35.41 0.07 0.00	35.39 0.11 0.00	35.35 0.11 0.00	36.13 0.14 0.00	36.50 0.00 0.00	39.78 -0.24 0.00	43.99 -0.22 0.00	45.89 -0.14 0.00	47.47 -0.24 0.00	50.50 -0.25 0.00	53.39 -0.37 0.00	54.25 -0.55 0.00	56.76 -0.69 0.00	64.28 -1.11 0.00	76.66 -1.01 0.00	85.67 -0.95 0.00	80.87 -0.16 0.00	77.80 0.16 0.00	69.09 0.95 0.00	55.06 0.22 0.00	49.58 -0.10 0.00
V_E_10_SYNC_DSASP 323830	51.98 3.76 0.00	45.35 3.08 0.00	40.55 2.76 0.00	37.64 2.30 0.00	37.61 2.33 0.00	37.64 2.40 0.00	38.50 2.52 0.00	39.05 2.55 0.00	42.78 2.76 0.00	47.08 2.87 0.00	48.79 2.76 0.00	50.47 2.77 0.00	53.54 2.79 0.00	56.88 3.12 0.00	57.26 2.47 0.00	60.15 2.70 0.00	68.86 3.46 0.00	82.41 4.74 0.00	93.73 7.10 0.00	88.33 7.30 0.00	84.48 6.83 0.00	73.39 5.25 0.00	59.23 4.39 0.00	53.71 4.02 0.00

V_F_30_NSYNC___DSASP 323816	50.81 2.60 0.00	44.55 2.28 0.00	39.83 2.04 0.00	37.25 1.91 0.00	37.22 1.94 0.00	37.11 1.87 0.00	37.85 1.87 0.00	38.43 1.93 0.00	42.18 2.16 0.00	46.55 2.34 0.00	48.28 2.25 0.00	50.04 2.34 0.00	53.29 2.54 0.00	56.61 2.85 0.00	57.70 2.90 0.00	60.49 3.04 0.00	68.99 3.59 0.00	82.25 4.58 0.00	92.00 5.37 0.00	85.73 4.70 0.00	82.30 4.66 0.00	71.61 3.47 0.00	57.80 2.96 0.00	52.46 2.78 0.00
V_F_30_SYNC_DSASP 323786	49.51 1.30 0.00	43.45 1.18 0.00	38.96 1.17 0.00	36.48 1.13 0.00	36.44 1.16 0.00	36.37 1.13 0.00	37.10 1.12 0.00	37.59 1.09 0.00	41.34 1.32 0.00	45.62 1.41 0.00	47.40 1.38 0.00	49.14 1.43 0.00	52.38 1.62 0.00	55.54 1.77 0.00	56.77 1.97 0.00	59.46 2.01 0.00	67.69 2.29 0.00	80.54 2.87 0.00	89.57 2.95 0.00	83.38 2.35 0.00	79.82 2.17 0.00	69.57 1.43 0.00	56.26 1.43 0.00	51.07 1.39 0.00
V_XM_10_SYNC_DSASP 323789	48.26 0.05 0.00	42.27 0.00 0.00	37.79 0.00 0.00	35.41 0.07 0.00	35.46 0.18 0.00	35.39 0.14 0.00	36.13 0.14 0.00	36.50 0.00 0.00	39.74 -0.28 0.00	43.99 -0.22 0.00	45.93 -0.09 0.00	47.51 -0.19 0.00	50.19 -0.56 0.00	53.01 -0.75 0.00	53.81 -0.98 0.00	56.24 -1.21 0.00	63.57 -1.83 0.00	75.80 -1.86 0.00	84.55 -2.08 0.00	80.06 -0.97 0.00	77.11 -0.54 0.00	68.55 0.41 0.00	54.57 -0.27 0.00	49.14 -0.55 0.00
W.BABYLN_69_KV_BK1 56697	52.41 4.19 0.00	46.75 4.48 0.00	41.65 3.85 0.00	38.98 3.64 0.00	38.91 3.63 0.00	38.95 3.70 0.00	39.76 3.78 0.00	40.30 3.80 0.00	44.58 4.56 0.00	49.56 5.35 0.00	54.51 5.38 -3.10	59.61 5.63 -6.28	60.56 5.84 -3.97	63.65 6.02 -3.87	78.32 6.41 -17.11	69.68 6.84 -5.40	81.17 7.98 -7.79	109.39 9.09 -22.64	117.16 9.70 -20.84	92.88 8.35 -3.51	87.92 7.45 -2.82	76.81 5.38 -3.28	64.27 4.66 -4.77	54.95 5.27 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.82 2.60 0.00	44.76 2.49 0.00	39.94 2.15 0.00	37.46 2.12 0.00	37.43 2.15 0.00	37.43 2.19 0.00	38.14 2.16 0.00	38.69 2.19 0.00	42.70 2.68 0.00	47.35 3.14 0.00	49.43 3.41 0.00	51.33 3.63 0.00	54.66 3.91 0.00	57.80 4.03 0.00	59.13 4.33 0.00	62.04 4.60 0.00	70.76 5.36 0.00	83.96 6.29 0.00	93.21 6.58 0.00	86.38 5.35 0.00	82.30 4.66 0.00	71.34 3.20 0.00	57.86 3.02 0.00	52.76 3.08 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.20 2.99 0.00	45.14 2.87 0.00	40.25 2.46 0.00	37.71 2.37 0.00	37.71 2.43 0.00	37.71 2.47 0.00	38.50 2.52 0.00	39.13 2.63 0.00	43.22 3.20 0.00	48.06 3.85 0.00	50.12 4.10 0.00	52.00 4.29 0.00	55.42 4.67 0.00	58.50 4.73 0.00	59.84 5.04 0.00	62.73 5.28 0.00	71.54 6.15 0.00	84.81 7.15 0.00	93.99 7.36 0.00	87.03 6.00 0.00	82.93 5.28 0.00	71.62 3.48 0.00	58.29 3.45 0.00	53.21 3.53 0.00
W50THST__13_KV_LOAD 356117	51.49 3.28 0.00	45.39 3.13 0.00	40.44 2.65 0.00	37.92 2.58 0.00	37.89 2.61 0.00	37.92 2.68 0.00	38.72 2.73 0.00	39.35 2.85 0.00	43.46 3.44 0.00	48.32 4.11 0.00	50.44 4.42 0.00	52.33 4.63 0.00	55.83 5.08 0.00	58.87 5.11 0.00	60.22 5.42 0.00	63.19 5.74 0.00	72.07 6.67 0.00	85.36 7.69 0.00	94.68 8.06 0.00	87.59 6.56 0.00	83.39 5.75 0.00	71.96 3.82 0.00	58.62 3.78 0.00	53.51 3.83 0.00
WADING RIVER_IC_1 23522	51.25 3.04 0.00	45.78 3.51 -0.01	40.93 3.13 -0.01	38.21 2.86 -0.01	38.21 2.93 -0.01	38.25 2.99 -0.01	39.19 3.20 -0.01	39.54 3.03 -0.01	43.87 3.84 -0.01	48.77 4.55 -0.01	53.73 4.60 -3.10	55.52 4.91 -2.90	57.77 5.28 -1.74	60.65 5.16 -1.72	76.05 5.59 -15.66	81.12 5.86 -17.81	103.42 7.07 -30.96	238.91 8.15 -153.09	246.99 8.58 -151.79	92.41 7.37 -4.01	85.11 6.13 -1.33	73.86 4.23 -1.50	60.07 3.12 -2.11	53.57 3.88 -0.01
WADING RIVER_IC_2 23547	51.25 3.04 0.00	45.78 3.51 -0.01	40.93 3.13 -0.01	38.21 2.86 -0.01	38.21 2.93 -0.01	38.25 2.99 -0.01	39.19 3.20 -0.01	39.54 3.03 -0.01	43.87 3.84 -0.01	48.77 4.55 -0.01	53.73 4.60 -3.10	55.52 4.91 -2.90	57.77 5.28 -1.74	60.65 5.16 -1.72	76.05 5.59 -15.66	81.12 5.86 -17.81	103.42 7.07 -30.96	238.91 8.15 -153.09	246.99 8.58 -151.79	92.41 7.37 -4.01	85.11 6.13 -1.33	73.86 4.23 -1.50	60.07 3.12 -2.11	53.57 3.88 -0.01
WADING RIVER_IC_3 23601	51.25 3.04 0.00	45.78 3.51 -0.01	40.93 3.13 -0.01	38.21 2.86 -0.01	38.21 2.93 -0.01	38.25 2.99 -0.01	39.19 3.20 -0.01	39.54 3.03 -0.01	43.87 3.84 -0.01	48.77 4.55 -0.01	53.73 4.60 -3.10	55.52 4.91 -2.90	57.77 5.28 -1.74	60.65 5.16 -1.72	76.05 5.59 -15.66	81.12 5.86 -17.81	103.42 7.07 -30.96	238.91 8.15 -153.09	246.99 8.58 -151.79	92.41 7.37 -4.01	85.11 6.13 -1.33	73.86 4.23 -1.50	60.07 3.12 -2.11	53.57 3.88 -0.01
WALDENNY_12_KV_BK2 80841	48.12 -0.10 0.00	41.76 -0.51 0.00	37.30 -0.49 0.00	34.67 -0.67 0.00	34.40 -0.88 0.00	34.26 -0.99 0.00	35.15 -0.83 0.00	36.24 -0.26 0.00	39.18 -0.84 0.00	42.84 -1.37 0.00	44.00 -2.03 0.00	45.65 -2.05 0.00	48.42 -2.33 0.00	51.29 -2.47 0.00	52.17 -2.63 0.00	55.20 -2.24 0.00	63.37 -2.03 0.00	74.02 -3.65 0.00	83.77 -2.86 0.00	78.60 -2.43 0.00	74.31 -3.34 0.00	63.17 -4.97 0.00	52.54 -2.30 0.00	48.49 -1.19 0.00
WALDEN___HYDRO 24148	50.67 2.46 0.00	44.55 2.28 0.00	39.76 1.97 0.00	37.29 1.94 0.00	37.22 1.94 0.00	37.22 1.97 0.00	37.93 1.94 0.00	38.43 1.93 0.00	42.38 2.36 0.00	46.99 2.79 0.00	49.02 2.99 0.00	50.85 3.15 0.00	54.20 3.45 0.00	57.31 3.55 0.00	58.58 3.78 0.00	61.47 4.02 0.00	70.17 4.77 0.00	83.34 5.67 0.00	92.69 6.06 0.00	86.05 5.02 0.00	82.07 4.43 0.00	71.21 3.07 0.00	57.75 2.91 0.00	52.57 2.88 0.00
WARRENSBURG____ 23737	50.48 2.27 0.00	44.30 2.03 0.00	39.60 1.81 0.00	37.04 1.70 0.00	37.01 1.73 0.00	36.87 1.62 0.00	37.60 1.62 0.00	38.25 1.75 0.00	41.98 1.96 0.00	46.33 2.12 0.00	47.73 1.70 0.00	49.57 1.86 0.00	52.68 1.93 0.00	55.97 2.20 0.00	57.04 2.25 0.00	59.80 2.36 0.00	68.14 2.75 0.00	81.47 3.81 0.00	91.74 5.11 0.00	85.65 4.62 0.00	82.38 4.74 0.00	71.48 3.34 0.00	57.69 2.85 0.00	52.27 2.58 0.00
WATERSIDE___6 8 9 23538	51.29 3.09 0.00	45.31 3.04 0.00	40.40 2.61 0.00	37.85 2.51 0.00	37.85 2.58 0.00	37.85 2.61 0.00	38.65 2.66 0.00	39.24 2.74 0.00	43.34 3.32 0.00	48.19 3.98 0.00	50.26 4.23 0.00	52.19 4.48 0.00	55.57 4.82 0.00	58.49 4.73 0.00	59.56 4.77 0.00	62.32 4.88 0.00	70.89 5.49 0.00	84.03 6.37 0.00	93.20 6.58 0.00	86.30 5.27 0.00	82.23 4.58 0.00	62.16 2.93 8.91	58.13 3.29 0.00	53.31 3.63 0.00
WATKINRD_115KV_LN8_ILLION 55919	48.50 0.29 0.00	42.52 0.25 0.00	37.98 0.19 0.00	35.49 0.14 0.00	35.46 0.18 0.00	35.42 0.18 0.00	36.16 0.18 0.00	36.68 0.18 0.00	40.26 0.24 0.00	44.47 0.27 0.00	46.30 0.28 0.00	47.94 0.24 0.00	51.01 0.25 0.00	54.03 0.27 0.00	54.96 0.16 0.00	57.62 0.17 0.00	65.59 0.20 0.00	77.98 0.31 0.00	87.06 0.43 0.00	81.44 0.41 0.00	78.03 0.39 0.00	68.41 0.27 0.00	55.06 0.22 0.00	49.98 0.30 0.00

WDELAWARE___HYD 323627	50.57 2.36 0.00	44.34 2.07 0.00	39.57 1.78 0.00	37.08 1.73 0.00	37.01 1.73 0.00	37.01 1.76 0.00	37.67 1.69 0.00	38.18 1.68 0.00	42.10 2.08 0.00	46.64 2.43 0.00	48.69 2.67 0.00	50.47 2.77 0.00	53.90 3.15 0.00	56.94 3.17 0.00	58.14 3.34 0.00	61.01 3.56 0.00	69.78 4.38 0.00	82.95 5.28 0.00	92.52 5.89 0.00	86.14 5.11 0.00	82.07 4.42 0.00	71.34 3.20 0.00	57.58 2.74 0.00	52.41 2.73 0.00
WEST BABYLON___IC 23714	52.41 4.19 0.00	46.75 4.48 0.00	41.65 3.85 0.00	38.98 3.64 0.00	38.91 3.63 0.00	38.95 3.70 0.00	39.76 3.78 0.00	40.30 3.80 0.00	44.58 4.56 0.00	49.56 5.35 0.00	54.51 5.38 -3.10	59.61 5.63 -6.28	60.56 5.84 -3.97	63.65 6.02 -3.87	78.32 6.41 -17.11	69.68 6.84 -5.40	81.17 7.98 -7.79	109.39 9.09 -22.64	117.16 9.70 -20.84	92.88 8.35 -3.51	87.92 7.45 -2.82	76.81 5.38 -3.28	64.27 4.66 -4.77	54.95 5.27 0.00
WEST CANADA___HYD 24049	48.50 0.29 0.00	42.52 0.26 0.00	38.02 0.23 0.00	35.56 0.21 0.00	35.49 0.21 0.00	35.46 0.21 0.00	36.20 0.22 0.00	36.72 0.22 0.00	40.30 0.28 0.00	44.48 0.27 0.00	46.30 0.28 0.00	47.99 0.29 0.00	51.06 0.31 0.00	54.14 0.38 0.00	55.18 0.39 0.00	57.85 0.40 0.00	65.86 0.46 0.00	78.21 0.55 0.00	87.24 0.61 0.00	81.60 0.57 0.00	78.11 0.47 0.00	68.35 0.21 0.00	55.11 0.28 0.00	49.98 0.30 0.00
WESTERN_NY_WIND 24143	48.98 0.77 0.00	42.39 0.13 0.00	37.90 0.11 0.00	35.20 -0.14 0.00	34.96 -0.32 0.00	34.82 -0.42 0.00	35.73 -0.25 0.00	36.72 0.22 0.00	39.62 -0.40 0.00	43.24 -0.97 0.00	44.60 -1.43 0.00	46.23 -1.48 0.00	48.87 -1.88 0.00	51.83 -1.94 0.00	52.66 -2.14 0.00	55.61 -1.84 0.00	63.89 -1.50 0.00	74.72 -2.95 0.00	84.72 -1.91 0.00	79.98 -1.05 0.00	75.55 -2.10 0.00	64.46 -3.68 0.00	53.36 -1.48 0.00	49.34 -0.35 0.00
WESTOVER___LESR 323668	48.79 0.58 0.00	42.56 0.30 0.00	38.02 0.23 0.00	35.52 0.18 0.00	35.39 0.11 0.00	35.35 0.11 0.00	36.13 0.14 0.00	36.79 0.29 0.00	40.30 0.28 0.00	44.47 0.27 0.00	46.16 0.14 0.00	47.90 0.19 0.00	50.85 0.10 0.00	53.87 0.11 0.00	54.85 0.05 0.00	57.67 0.23 0.00	65.85 0.46 0.00	77.90 0.23 0.00	87.32 0.69 0.00	81.68 0.65 0.00	77.96 0.31 0.00	67.66 -0.48 0.00	55.00 0.16 0.00	50.03 0.35 0.00
WETHRSFD_WT_PWR 323626	47.97 -0.24 0.00	41.68 -0.59 0.00	37.11 -0.68 0.00	34.57 -0.78 0.00	34.29 -0.99 0.00	34.19 -1.06 0.00	35.05 -0.94 0.00	35.99 -0.51 0.00	39.02 -1.00 0.00	42.84 -1.37 0.00	43.91 -2.12 0.00	45.37 -2.34 0.00	47.86 -2.89 0.00	50.86 -2.90 0.00	51.73 -3.07 0.00	54.63 -2.81 0.00	62.71 -2.68 0.00	73.47 -4.20 0.00	83.51 -3.11 0.00	78.76 -2.27 0.00	75.09 -2.56 0.00	63.98 -4.16 0.00	53.52 -1.32 0.00	48.84 -0.84 0.00
WHAVSTOR_138KV_BK127 55557	50.57 2.36 0.00	44.55 2.28 0.00	39.76 1.97 0.00	37.29 1.94 0.00	37.26 1.98 0.00	37.25 2.01 0.00	38.00 2.02 0.00	38.54 2.04 0.00	42.54 2.52 0.00	47.17 2.96 0.00	49.20 3.18 0.00	51.09 3.39 0.00	54.41 3.65 0.00	57.47 3.71 0.00	58.80 4.00 0.00	61.70 4.25 0.00	70.37 4.97 0.00	83.49 5.83 0.00	92.60 5.98 0.00	85.89 4.86 0.00	81.84 4.19 0.00	70.93 2.79 0.00	57.53 2.69 0.00	52.52 2.83 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.57 2.36 0.00	44.55 2.28 0.00	39.76 1.97 0.00	37.29 1.94 0.00	37.26 1.98 0.00	37.25 2.01 0.00	38.00 2.02 0.00	38.54 2.04 0.00	42.54 2.52 0.00	47.17 2.96 0.00	49.20 3.18 0.00	51.09 3.39 0.00	54.41 3.65 0.00	57.47 3.71 0.00	58.80 4.00 0.00	61.70 4.25 0.00	70.37 4.97 0.00	83.49 5.83 0.00	92.60 5.98 0.00	85.89 4.86 0.00	81.84 4.19 0.00	70.93 2.79 0.00	57.53 2.69 0.00	52.52 2.83 0.00
WHITEHAL_115KV_TB1 80871	50.86 2.65 0.00	44.59 2.32 0.00	39.83 2.04 0.00	37.25 1.91 0.00	37.22 1.94 0.00	37.04 1.80 0.00	37.78 1.80 0.00	38.43 1.93 0.00	42.14 2.12 0.00	46.55 2.34 0.00	47.96 1.93 0.00	49.80 2.10 0.00	52.99 2.23 0.00	56.35 2.58 0.00	57.37 2.58 0.00	60.15 2.70 0.00	68.67 3.27 0.00	82.25 4.58 0.00	92.78 6.15 0.00	86.70 5.67 0.00	83.47 5.82 0.00	72.23 4.09 0.00	58.24 3.40 0.00	52.71 3.03 0.00
WHITEPLN_13_KV_LOAD 356215	51.44 3.23 0.00	45.31 3.04 0.00	40.40 2.61 0.00	37.85 2.51 0.00	37.82 2.54 0.00	37.85 2.61 0.00	38.65 2.66 0.00	39.20 2.70 0.00	43.38 3.36 0.00	48.14 3.93 0.00	50.21 4.19 0.00	52.24 4.53 0.00	55.68 4.92 0.00	58.82 5.05 0.00	60.33 5.53 0.00	63.36 5.92 0.00	72.39 7.00 0.00	85.74 8.08 0.00	95.03 8.40 0.00	87.84 6.81 0.00	83.62 5.98 0.00	72.23 4.09 0.00	58.62 3.78 0.00	53.46 3.78 0.00
WM_FLOYD_69_KV_BK2 356380	51.73 3.52 0.00	46.37 4.10 0.00	41.31 3.51 0.00	38.60 3.25 0.00	38.56 3.28 0.00	38.63 3.38 0.00	39.47 3.49 0.00	39.89 3.39 0.00	44.22 4.20 0.00	49.20 5.00 0.00	54.05 4.92 -3.10	55.96 5.30 -2.96	57.96 5.43 -1.78	61.06 5.54 -1.76	78.47 5.97 -17.70	84.28 6.38 -20.46	106.55 7.59 -33.57	242.63 8.78 -156.18	250.74 9.27 -154.85	93.16 7.86 -4.27	85.85 6.83 -1.37	74.58 4.91 -1.54	60.89 3.89 -2.16	54.30 4.62 0.00
WOODARD___115KV_TB2 355635	47.87 -0.34 0.00	41.76 -0.51 0.00	37.34 -0.45 0.00	34.88 -0.46 0.00	34.79 -0.49 0.00	34.75 -0.49 0.00	35.51 -0.47 0.00	36.10 -0.40 0.00	39.58 -0.44 0.00	43.77 -0.44 0.00	45.52 -0.51 0.00	47.23 -0.48 0.00	50.19 -0.56 0.00	53.28 -0.48 0.00	54.25 -0.55 0.00	56.87 -0.57 0.00	64.94 -0.46 0.00	76.89 -0.78 0.00	85.93 -0.69 0.00	80.46 -0.57 0.00	76.87 -0.78 0.00	66.98 -1.16 0.00	54.24 -0.60 0.00	49.19 -0.50 0.00
WOODMERE_69_KV_BK1 55827	52.26 4.05 0.00	46.37 4.10 0.00	41.34 3.55 0.00	38.74 3.39 0.00	38.70 3.42 0.00	38.70 3.45 0.00	39.47 3.49 0.00	40.08 3.58 0.00	44.26 4.24 0.00	49.16 4.95 0.00	54.28 5.15 -3.10	102.34 5.49 -49.15	89.28 5.99 -32.53	92.88 6.24 -32.88	107.18 6.58 -45.81	111.62 6.95 -47.23	147.17 8.04 -73.73	139.77 9.40 -52.70	130.76 10.05 -34.08	128.53 8.59 -38.91	117.82 7.69 -32.49	106.30 5.66 -32.51	96.77 5.15 -36.77	54.70 5.02 0.00
YORK___WARBASSE 23770	51.64 3.42 -0.01	45.61 3.34 0.00	40.66 2.87 0.00	38.07 2.72 0.00	38.03 2.75 0.00	38.06 2.82 0.00	38.83 2.84 0.00	39.42 2.92 0.00	43.58 3.56 0.00	48.45 4.24 0.00	50.53 4.51 0.00	52.48 4.77 0.00	55.93 5.18 0.00	58.93 5.16 -0.01	60.01 5.21 -0.01	62.74 5.28 -0.01	71.42 6.02 -0.01	84.59 6.91 -0.01	93.83 7.19 -0.01	86.95 5.92 0.00	82.85 5.20 0.00	71.61 3.48 0.01	58.57 3.73 0.00	53.71 4.02 0.00