

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion											
Generator Data																										07/01/2025							
Name		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								
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT								
59TH STREET_GT_1		49.04	43.26	39.96	36.40	36.38	41.96	45.79	49.00	51.55	54.27	55.48	58.18	62.66	67.81	72.92	117.94	140.04	176.23	121.37	87.70	78.70	65.60	56.08	52.87								
24138		4.17	3.75	3.37	2.94	2.91	3.54	4.28	4.82	5.11	5.27	5.72	6.14	7.01	7.91	9.12	9.17	10.45	11.39	11.55	10.43	8.31	5.86	4.77	4.14								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-1.08	-0.06	-0.01	0.00	0.00	0.00	-46.84	-59.47	-87.90	-32.32	0.00	0.00	0.00	0.00	0.00								
74TH STREET_GT_1		49.13	43.34	40.03	36.46	36.45	42.00	45.79	48.95	51.51	54.81	55.42	58.08	62.54	67.75	72.85	117.88	139.97	176.15	121.44	87.77	78.77	65.66	56.18	52.96								
24260		4.26	3.83	3.44	3.01	2.98	3.57	4.28	4.77	5.06	5.13	5.62	6.04	6.90	7.85	9.06	9.10	10.38	11.31	11.62	10.51	8.38	5.91	4.87	4.24								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-1.75	-0.10	-0.02	0.00	0.00	0.00	-46.85	-59.47	-87.90	-32.32	0.00	0.00	0.00	0.00	0.00								
74TH STREET_GT_2		49.13	43.34	40.03	36.46	36.45	42.00	45.79	48.95	51.51	54.81	55.42	58.08	62.54	67.75	72.85	117.88	139.97	176.15	121.44	87.77	78.77	65.66	56.18	52.96								
24261		4.26	3.83	3.44	3.01	2.98	3.57	4.28	4.77	5.06	5.13	5.62	6.04	6.90	7.85	9.06	9.10	10.38	11.31	11.62	10.51	8.38	5.91	4.87	4.24								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-1.75	-0.10	-0.02	0.00	0.00	0.00	-46.85	-59.47	-87.90	-32.32	0.00	0.00	0.00	0.00	0.00								
ADK HUDSON___FALLS		47.29	41.72	38.60	35.19	35.15	40.58	43.75	46.52	48.85	50.22	51.69	54.16	57.70	62.30	66.60	63.49	73.60	82.96	84.46	82.60	78.13	63.39	54.28	51.01								
24011		2.42	2.21	2.01	1.74	1.67	2.15	2.24	2.34	2.41	2.30	1.99	2.13	2.06	2.40	2.81	2.66	3.09	4.31	5.35	5.33	4.65	3.64	2.98	2.29								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	-0.39	-1.71	-1.62	0.00	-3.09	0.00	0.00	0.00								
ADK RESOURCE___RCVRY		47.24	41.71	38.53	35.06	35.01	40.58	43.67	46.44	48.80	50.13	51.39	53.85	57.31	61.76	66.09	62.77	72.80	82.28	84.18	82.75	77.82	63.57	54.43	50.92								
23798		2.38	2.21	1.94	1.61	1.54	2.15	2.16	2.25	2.37	2.21	1.69	1.82	1.67	1.86	2.29	1.98	2.31	3.77	5.19	5.49	4.79	3.83	3.13	2.19								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14	-0.36	-1.57	-1.49	0.00	-2.64	0.00	0.00	0.00								
ADK S GLENS___FALLS		47.29	41.72	38.60	35.19	35.15	40.58	43.75	46.52	48.85	50.22	51.69	54.16	57.70	62.30	66.60	63.49	73.60	82.96	84.46	82.60	78.13	63.39	54.28	51.01								
24028		2.42	2.21	2.01	1.74	1.67	2.15	2.24	2.34	2.41	2.30	1.99	2.13	2.06	2.40	2.81	2.66	3.09	4.31	5.35	5.33	4.65	3.64	2.98	2.29								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	-0.39	-1.71	-1.62	0.00	-3.09	0.00	0.00	0.00								
ADK_NYS___DAM		48.05	42.59	39.41	35.99	36.01	41.27	44.79	47.59	49.78	51.52	53.43	56.04	60.21	64.75	69.60	68.60	78.53	90.65	91.73	85.84	82.64	64.94	55.05	51.85								
23527		3.19	3.08	2.82	2.54	2.54	2.84	3.28	3.40	3.35	3.60	3.73	4.01	4.56	4.85	5.80	6.25	7.08	7.93	8.75	8.58	6.97	5.20	3.74	3.12								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	-1.32	-5.79	-5.48	0.00	-5.27	0.00	0.00	0.00								
AIR_PRODUCTS___DRP		45.04	39.74	37.07	33.89	33.87	38.89	41.92	44.71	46.71	48.07	50.05	52.34	56.03	60.56	64.75	61.57	71.48	79.36	80.10	78.50	69.11	59.99	51.41	48.72								
24190		0.18	0.24	0.48	0.43	0.40	0.46	0.42	0.53	0.28	0.14	0.35	0.31	0.39	0.66	0.96	1.05	1.12	1.38	1.63	1.24	0.77	0.24	0.10	0.00								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.41	-0.24	-1.03	-0.98	0.00	2.06	0.00	0.00	0.00								
AKWESSNE_115KV_BK		44.64	39.35	36.44	33.32	33.37	38.20	41.34	43.96	46.11	47.59	49.16	51.35	54.81	58.89	62.20	60.38	68.23	74.86	74.94	75.26	69.06	59.03	50.84	48.43								
355683		-0.22	-0.16	-0.15	-0.13	-0.10	-0.23	-0.17	-0.22	-0.33	-0.34	-0.55	-0.68	-0.83	-1.02	-1.59	-1.55	-1.89	-2.08	-2.56	-2.01	-1.34	-0.72	-0.46	-0.29								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		45.90	40.53	37.69	34.42	34.41	39.54	42.59	45.24	47.22	48.50	50.30	51.30	53.85	56.99	60.05	58.21	65.04	71.27	71.96	78.43	69.84	60.09	51.61	49.65								
323833		1.03	1.03	1.10	0.97	0.94	1.12	1.08	1.06	0.79	0.58	0.60	-0.10	-0.11	0.00	0.39	0.49	0.56	0.85	1.32	1.16	0.85	0.36	0.31	0.92								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	1.68	2.92	4.13	4.21	5.64	6.51	6.85	0.00	1.41	0.02	0.00	0.00								
ALBANY_2_SOLAR		45.90	40.53	37.69	34.42	34.41	39.54	42.55	45.24	47.22	48.50	50.30	51.25	53.85	56.99	60.06	58.21	65.05	71.19	71.88	78.43	69.84	60.09	51.56	49.60								
323834		1.03	1.03	1.10	0.97	0.94	1.12	1.04	1.06	0.79	0.58	0.60	-0.16	-0.11	0.00	0.39	0.49	0.56	0.77	1.24	1.16	0.85	0.36	0.26	0.88								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	1.68	2.92	4.12	4.22	5.64	6.52	6.86	0.00	1.40	0.02	0.00	0.00								
ALBANY___1		45.04	39.74	37.07	33.89	33.87	38.89	41.92	44.71	46.71	48.07	50.05	52.34	56.03	60.56	64.75	61.57	71.48	79.36	80.10	78.50	69.11	59.99	51.41	48.72								
23571		0.18	0.24	0.48	0.43	0.40	0.46	0.42	0.53	0.28	0.14	0.35	0.31	0.39	0.66	0.96	1.05	1.12	1.38	1.63	1.24	0.77	0.24	0.10	0.00								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.41	-0.24	-1.03	-0.98	0.00	2.06	0.00	0.00	0.00								

ALBANY___2 23572	45.04 0.18 0.00	39.74 0.24 0.00	37.07 0.48 0.00	33.89 0.43 0.00	33.87 0.40 0.00	38.89 0.46 0.00	41.92 0.42 0.00	44.71 0.53 0.00	46.71 0.28 0.00	48.07 0.14 0.00	50.05 0.35 0.00	52.34 0.31 0.00	56.03 0.39 0.00	60.56 0.66 0.00	64.75 0.96 0.00	61.57 1.05 1.41	71.48 1.12 -0.24	79.36 1.38 -1.03	80.10 1.63 -0.98	78.50 1.24 0.00	69.11 0.77 2.06	59.99 0.24 0.00	51.41 0.10 0.00	48.72 0.00 0.00
ALBANY___3 23573	45.04 0.18 0.00	39.74 0.24 0.00	37.07 0.48 0.00	33.89 0.43 0.00	33.87 0.40 0.00	38.89 0.46 0.00	41.92 0.42 0.00	44.71 0.53 0.00	46.71 0.28 0.00	48.07 0.14 0.00	50.05 0.35 0.00	52.34 0.31 0.00	56.03 0.39 0.00	60.56 0.66 0.00	64.75 0.96 0.00	61.57 1.05 1.41	71.48 1.12 -0.24	79.36 1.38 -1.03	80.10 1.63 -0.98	78.50 1.24 0.00	69.11 0.77 2.06	59.99 0.24 0.00	51.41 0.10 0.00	48.72 0.00 0.00
ALBANY___4 23574	45.04 0.18 0.00	39.74 0.24 0.00	37.07 0.48 0.00	33.89 0.43 0.00	33.87 0.40 0.00	38.89 0.46 0.00	41.92 0.42 0.00	44.71 0.53 0.00	46.71 0.28 0.00	48.07 0.14 0.00	50.05 0.35 0.00	52.34 0.31 0.00	56.03 0.39 0.00	60.56 0.66 0.00	64.75 0.96 0.00	61.57 1.05 1.41	71.48 1.12 -0.24	79.36 1.38 -1.03	80.10 1.63 -0.98	78.50 1.24 0.00	69.11 0.77 2.06	59.99 0.24 0.00	51.41 0.10 0.00	48.72 0.00 0.00
ALBANY___LFGE 323615	45.58 0.72 0.00	40.22 0.71 0.00	37.47 0.88 0.00	34.22 0.77 0.00	34.21 0.74 0.00	39.31 0.88 0.00	42.38 0.87 0.00	45.20 1.02 0.00	47.27 0.84 0.00	48.64 0.72 0.00	50.65 0.94 0.00	52.97 0.94 0.00	56.70 1.05 0.00	61.16 1.26 0.00	65.52 1.72 0.00	62.33 1.73 1.33	72.30 1.89 -0.28	80.42 2.23 -1.25	81.23 2.55 -1.18	79.66 2.40 0.00	70.20 1.69 1.88	60.76 1.01 0.00	52.12 0.82 0.00	49.31 0.59 0.00
ALCOA_PA_115KV_PL-6C 55860	44.91 0.04 0.00	39.62 0.12 0.00	36.70 0.11 0.00	33.49 0.03 0.00	33.57 0.10 0.00	38.43 0.00 0.00	41.59 0.08 0.00	44.18 0.00 0.00	46.39 -0.05 0.00	47.83 -0.10 0.00	49.41 -0.30 0.00	51.51 -0.52 0.00	54.92 -0.72 0.00	59.01 -0.90 0.00	62.33 -1.47 0.00	60.44 -1.49 0.00	68.23 -1.89 0.00	74.86 -2.08 0.00	74.94 -2.56 0.00	75.33 -1.93 0.00	69.20 -1.20 0.00	59.21 -0.54 0.00	51.15 -0.15 0.00	48.77 0.05 0.00
ALCOA_RYNLDS___DRP 24188	44.91 0.04 0.00	39.62 0.12 0.00	36.70 0.11 0.00	33.49 0.03 0.00	33.57 0.10 0.00	38.43 0.00 0.00	41.59 0.08 0.00	44.18 0.00 0.00	46.39 -0.05 0.00	47.83 -0.10 0.00	49.41 -0.30 0.00	51.51 -0.52 0.00	54.92 -0.72 0.00	59.01 -0.90 0.00	62.33 -1.47 0.00	60.44 -1.49 0.00	68.23 -1.89 0.00	74.86 -2.08 0.00	74.94 -2.56 0.00	75.33 -1.93 0.00	69.20 -1.20 0.00	59.21 -0.54 0.00	51.15 -0.15 0.00	48.77 0.05 0.00
ALCOA___DSASP 323711	44.91 0.04 0.00	39.62 0.12 0.00	36.70 0.11 0.00	33.49 0.03 0.00	33.57 0.10 0.00	38.43 0.00 0.00	41.59 0.08 0.00	44.18 0.00 0.00	46.39 -0.05 0.00	47.78 -0.14 0.00	49.41 -0.30 0.00	51.51 -0.52 0.00	54.92 -0.72 0.00	59.01 -0.90 0.00	62.33 -1.46 0.00	60.44 -1.49 0.00	68.24 -1.89 0.00	75.02 -1.92 0.00	74.94 -2.56 0.00	75.18 -2.08 0.00	69.20 -1.20 0.00	59.21 -0.54 0.00	51.00 -0.31 0.00	48.77 0.05 0.00
ALLEGHENY___COGEN 23514	47.20 2.33 0.00	41.09 1.58 0.00	37.58 0.99 0.00	34.39 0.94 0.00	34.41 0.94 0.00	39.46 1.04 0.00	42.42 0.91 0.00	44.89 0.70 0.00	46.99 0.56 0.00	46.82 -1.10 0.00	48.01 -1.69 0.00	50.42 -1.61 0.00	53.59 -2.06 0.00	57.75 -2.15 0.00	61.88 -1.91 0.00	60.70 -2.48 -1.25	68.52 -1.61 0.00	75.70 -1.23 0.00	78.50 1.00 0.00	78.96 1.70 0.00	72.71 2.32 0.00	61.66 1.91 0.00	53.10 1.79 0.00	50.77 2.05 0.00
ALTAMONT_115KV_TB 2 55880	45.81 0.94 0.00	40.41 0.91 0.00	37.54 0.95 0.00	34.36 0.90 0.00	34.34 0.87 0.00	39.46 1.04 0.00	42.59 1.08 0.00	45.33 1.15 0.00	47.50 1.07 0.00	48.93 1.01 0.00	50.85 1.14 0.00	53.26 1.20 -0.04	57.07 1.34 -0.09	61.69 1.62 -0.16	66.07 2.04 -0.23	62.51 2.11 1.52	72.85 2.38 -0.34	80.15 2.77 -0.44	80.90 2.94 -0.46	79.89 2.63 0.00	71.50 2.04 0.94	61.06 1.31 0.00	52.38 1.08 0.00	49.60 0.88 0.00
ALTONA_WT_PWR 323606	44.42 -0.45 0.00	39.15 -0.36 0.00	36.22 -0.37 0.00	33.12 -0.33 0.00	33.20 -0.27 0.00	38.04 -0.38 0.00	41.22 -0.29 0.00	43.78 -0.40 0.00	45.88 -0.56 0.00	46.97 -0.96 0.00	48.51 -1.19 0.00	50.63 -1.40 0.00	53.42 -2.23 0.00	57.09 -2.81 0.00	60.41 -3.38 0.00	58.58 -3.35 0.00	66.34 -3.79 0.00	73.25 -3.69 0.00	73.24 -4.26 0.00	73.56 -3.71 0.00	67.58 -2.82 0.00	57.71 -2.03 0.00	49.77 -1.54 0.00	47.70 -1.03 0.00
AMERICAN_REF_FUEL 24010	43.97 -0.90 0.00	38.48 -1.03 0.00	34.69 -1.90 0.00	32.18 -1.27 0.00	32.07 -1.40 0.00	36.24 -2.19 0.00	38.73 -2.78 0.00	40.65 -3.54 0.00	43.32 -3.11 0.00	45.67 -2.25 0.00	47.07 -2.64 0.00	49.59 -2.44 0.00	52.58 -3.06 0.00	56.85 -3.05 0.00	60.73 -3.06 0.00	58.87 -4.15 -1.09	66.83 -3.29 0.00	73.02 -3.92 0.00	74.63 -2.87 0.00	73.71 -3.55 0.00	67.09 -3.31 0.00	57.18 -2.57 0.00	49.97 -1.33 0.00	48.63 -0.10 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	44.46 -0.40 0.00	38.71 -0.79 0.00	35.27 -1.32 0.00	32.38 -1.07 0.00	32.30 -1.17 0.00	37.04 -1.38 0.00	39.93 -1.58 0.00	42.41 -1.77 0.00	45.18 -1.25 0.00	47.49 -0.43 0.00	49.06 -0.65 0.00	51.67 -0.36 0.00	54.81 -0.83 0.00	59.12 -0.78 0.00	63.22 -0.58 0.00	61.43 -1.73 -1.23	69.71 -0.42 0.00	76.71 -0.23 0.00	78.58 1.08 0.00	77.73 0.47 0.00	70.25 -0.14 0.00	59.87 0.12 0.00	52.02 0.72 0.00	50.38 1.66 0.00
ARTHUR KILL_GT_1 23520	48.95 4.08 0.00	43.41 3.91 0.00	40.21 3.62 0.00	36.60 3.14 0.00	36.55 3.08 0.00	42.00 3.57 0.00	45.49 3.98 0.00	42.79 4.20 5.59	45.75 4.50 5.19	46.66 4.46 5.72	47.65 5.02 7.07	50.62 5.46 6.87	51.58 6.23 10.30	56.05 7.19 11.05	64.36 8.23 7.66	88.56 8.30 -18.33	110.40 9.40 -30.87	131.87 10.23 -44.70	101.32 10.46 -13.36	67.94 9.43 18.75	71.02 7.25 6.62	58.02 4.96 6.68	51.90 4.41 3.82	49.72 3.75 2.76
ARTHUR_KILL_2 23512	48.73 3.86 -0.01	43.27 3.75 -0.01	40.08 3.48 -0.01	36.47 3.01 -0.01	36.46 2.98 -0.01	41.89 3.46 0.00	45.37 3.86 0.00	42.61 4.02 5.59	45.51 4.27 5.19	46.42 4.22 5.72	47.45 4.82 7.07	50.36 5.20 6.87	51.37 6.01 10.29	55.57 6.71 11.05	64.04 7.91 7.66	88.25 7.99 -18.33	110.05 9.05 -30.87	131.18 9.54 -44.70	100.86 10.00 -13.36	67.78 9.27 18.75	70.68 6.90 6.62	57.85 4.78 6.68	51.75 4.26 3.81	49.53 3.55 2.75
ARTHUR_KILL_3 23513	48.45 3.59 0.00	42.82 3.32 0.00	39.55 2.96 0.00	36.03 2.58 0.00	36.01 2.54 0.00	41.50 3.08 0.00	45.24 3.74 0.01	42.78 4.20 5.60	45.65 4.41 5.20	46.60 4.41 5.73	47.44 4.82 7.08	50.30 5.15 6.88	51.32 5.96 10.28	55.44 6.59 11.05	64.10 7.97 7.67	88.30 8.05 -18.33	110.18 9.18 -30.87	131.40 9.77 -44.69	101.16 10.31 -13.35	68.01 9.50 18.76	70.95 7.18 6.63	58.08 5.02 6.69	51.59 4.11 3.82	49.42 3.46 2.76

ARTHUR_KILL_COGEN 323718	48.91 4.04 -0.01	43.42 3.91 -0.01	40.22 3.62 -0.01	36.60 3.14 -0.01	36.56 3.08 -0.01	42.00 3.57 0.00	45.49 3.99 0.00	42.79 4.20 5.59	45.70 4.46 5.19	46.61 4.41 5.72	47.65 5.02 7.07	50.62 5.46 6.87	51.59 6.23 10.29	55.86 7.01 11.05	64.37 8.23 7.66	88.56 8.30 -18.33	110.40 9.40 -30.87	131.64 10.00 -44.70	101.32 10.46 -13.36	68.25 9.74 18.75	71.10 7.32 6.62	58.14 5.08 6.68	51.95 4.46 3.81	49.72 3.75 2.75
ASHOKAN____ 23654	47.11 2.24 0.00	41.48 1.97 0.00	38.35 1.76 0.00	34.96 1.51 0.00	34.94 1.47 0.00	40.31 1.88 0.00	43.46 1.95 0.00	46.30 2.12 0.00	48.34 1.90 0.00	49.50 1.58 0.00	51.54 1.84 0.00	55.35 3.90 0.59	58.47 4.39 1.57	62.22 5.03 2.72	65.69 5.74 3.85	66.34 5.39 0.98	71.95 6.10 4.27	81.74 6.54 1.74	82.18 6.98 2.29	82.98 5.72 0.00	76.28 6.90 1.02	63.37 3.64 0.02	54.23 2.92 0.00	51.26 2.53 0.00
ASTORIA_EAST_ENERGY_CC1 323581	48.91 4.04 -0.01	43.07 3.56 -0.01	39.78 3.18 -0.01	36.24 2.78 -0.01	36.23 2.75 -0.01	41.61 3.19 0.00	45.49 3.99 0.00	48.60 4.42 0.00	51.13 4.69 -0.01	54.05 4.70 -1.43	55.11 5.32 -0.09	57.61 5.57 -0.01	61.99 6.34 -0.01	67.39 7.49 0.00	72.47 8.67 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.53 10.70 -32.33	87.39 10.12 -0.01	78.14 7.74 0.00	65.06 5.32 0.00	55.98 4.67 -0.01	52.73 4.00 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	48.91 4.04 -0.01	43.07 3.56 -0.01	39.78 3.18 -0.01	36.24 2.78 -0.01	36.23 2.75 -0.01	41.61 3.19 0.00	45.49 3.99 0.00	48.60 4.42 0.00	51.13 4.69 -0.01	54.05 4.70 -1.43	55.11 5.32 -0.09	57.61 5.57 -0.01	61.99 6.34 -0.01	67.39 7.49 0.00	72.47 8.67 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.53 10.70 -32.33	87.39 10.12 -0.01	78.14 7.74 0.00	65.06 5.32 0.00	55.98 4.67 -0.01	52.73 4.00 -0.01
ASTORIA_GT2_1 24094	48.95 4.08 0.00	43.10 3.59 0.00	39.77 3.18 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.65 3.23 0.00	45.49 3.98 0.00	48.60 4.42 0.00	51.19 4.74 -0.02	54.14 4.79 -1.43	55.16 5.37 -0.09	57.67 5.62 -0.02	61.99 6.34 0.00	67.51 7.61 0.00	72.47 8.68 0.00	117.44 8.67 -46.85	139.48 9.89 -59.47	175.54 10.69 -87.91	120.60 10.77 -32.33	87.16 9.89 -0.01	78.14 7.74 0.00	65.00 5.26 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA_GT2_2 24095	48.95 4.08 0.00	43.10 3.59 0.00	39.77 3.18 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.65 3.23 0.00	45.49 3.98 0.00	48.60 4.42 0.00	51.19 4.74 -0.02	54.14 4.79 -1.43	55.16 5.37 -0.09	57.67 5.62 -0.02	61.99 6.34 0.00	67.51 7.61 0.00	72.47 8.68 0.00	117.44 8.67 -46.85	139.48 9.89 -59.47	175.54 10.69 -87.91	120.60 10.77 -32.33	87.16 9.89 -0.01	78.14 7.74 0.00	65.00 5.26 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA_GT2_3 24096	48.95 4.08 0.00	43.10 3.59 0.00	39.77 3.18 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.65 3.23 0.00	45.49 3.98 0.00	48.60 4.42 0.00	51.19 4.74 -0.02	54.14 4.79 -1.43	55.16 5.37 -0.09	57.67 5.62 -0.02	61.99 6.34 0.00	67.51 7.61 0.00	72.47 8.68 0.00	117.44 8.67 -46.85	139.48 9.89 -59.47	175.54 10.69 -87.91	120.60 10.77 -32.33	87.16 9.89 -0.01	78.14 7.74 0.00	65.00 5.26 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA_GT2_4 24097	48.95 4.08 0.00	43.10 3.59 0.00	39.77 3.18 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.65 3.23 0.00	45.49 3.98 0.00	48.60 4.42 0.00	51.19 4.74 -0.02	54.14 4.79 -1.43	55.16 5.37 -0.09	57.67 5.62 -0.02	61.99 6.34 0.00	67.51 7.61 0.00	72.47 8.68 0.00	117.44 8.67 -46.85	139.48 9.89 -59.47	175.54 10.69 -87.91	120.60 10.77 -32.33	87.16 9.89 -0.01	78.14 7.74 0.00	65.00 5.26 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA_GT3_1 24098	48.95 4.08 0.00	43.10 3.59 0.00	39.77 3.18 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.65 3.23 0.00	45.49 3.98 0.00	48.60 4.42 0.00	51.19 4.74 -0.02	54.14 4.79 -1.43	55.16 5.37 -0.09	57.67 5.62 -0.02	61.99 6.34 0.00	67.51 7.61 0.00	72.47 8.68 0.00	117.44 8.67 -46.85	139.48 9.89 -59.47	175.54 10.69 -87.91	120.60 10.77 -32.33	87.16 9.89 -0.01	78.14 7.74 0.00	65.00 5.26 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA_GT3_2 24099	48.95 4.08 0.00	43.10 3.59 0.00	39.77 3.18 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.65 3.23 0.00	45.49 3.98 0.00	48.60 4.42 0.00	51.19 4.74 -0.02	54.14 4.79 -1.43	55.16 5.37 -0.09	57.67 5.62 -0.02	61.99 6.34 0.00	67.51 7.61 0.00	72.47 8.68 0.00	117.44 8.67 -46.85	139.48 9.89 -59.47	175.54 10.69 -87.91	120.60 10.77 -32.33	87.16 9.89 -0.01	78.14 7.74 0.00	65.00 5.26 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA_GT3_3 24100	48.95 4.08 0.00	43.10 3.59 0.00	39.77 3.18 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.65 3.23 0.00	45.49 3.98 0.00	48.60 4.42 0.00	51.19 4.74 -0.02	54.14 4.79 -1.43	55.16 5.37 -0.09	57.67 5.62 -0.02	61.99 6.34 0.00	67.51 7.61 0.00	72.47 8.68 0.00	117.44 8.67 -46.85	139.48 9.89 -59.47	175.54 10.69 -87.91	120.60 10.77 -32.33	87.16 9.89 -0.01	78.14 7.74 0.00	65.00 5.26 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA_GT3_4 24101	48.95 4.08 0.00	43.10 3.59 0.00	39.77 3.18 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.65 3.23 0.00	45.49 3.98 0.00	48.60 4.42 0.00	51.19 4.74 -0.02	54.14 4.79 -1.43	55.16 5.37 -0.09	57.67 5.62 -0.02	61.99 6.34 0.00	67.51 7.61 0.00	72.47 8.68 0.00	117.44 8.67 -46.85	139.48 9.89 -59.47	175.54 10.69 -87.91	120.60 10.77 -32.33	87.16 9.89 -0.01	78.14 7.74 0.00	65.00 5.26 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA_GT4_1 24102	48.95 4.08 0.00	43.10 3.59 0.00	39.77 3.18 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.65 3.23 0.00	45.49 3.98 0.00	48.60 4.42 0.00	51.19 4.74 -0.02	54.14 4.79 -1.43	55.16 5.37 -0.09	57.67 5.62 -0.02	61.99 6.34 0.00	67.51 7.61 0.00	72.47 8.68 0.00	117.44 8.67 -46.85	139.48 9.89 -59.47	175.54 10.69 -87.91	120.60 10.77 -32.33	87.16 9.89 -0.01	78.14 7.74 0.00	65.00 5.26 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA_GT4_2 24103	48.95 4.08 0.00	43.10 3.59 0.00	39.77 3.18 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.65 3.23 0.00	45.49 3.98 0.00	48.60 4.42 0.00	51.19 4.74 -0.02	54.14 4.79 -1.43	55.16 5.37 -0.09	57.67 5.62 -0.02	61.99 6.34 0.00	67.51 7.61 0.00	72.47 8.68 0.00	117.44 8.67 -46.85	139.48 9.89 -59.47	175.54 10.69 -87.91	120.60 10.77 -32.33	87.16 9.89 -0.01	78.14 7.74 0.00	65.00 5.26 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA_GT4_3 24104	48.95 4.08 0.00	43.10 3.59 0.00	39.77 3.18 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.65 3.23 0.00	45.49 3.98 0.00	48.60 4.42 0.00	51.19 4.74 -0.02	54.14 4.79 -1.43	55.16 5.37 -0.09	57.67 5.62 -0.02	61.99 6.34 0.00	67.51 7.61 0.00	72.47 8.68 0.00	117.44 8.67 -46.85	139.48 9.89 -59.47	175.54 10.69 -87.91	120.60 10.77 -32.33	87.16 9.89 -0.01	78.14 7.74 0.00	65.00 5.26 0.00	55.97 4.67 0.00	52.77 4.04 0.00

ASTORIA_GT4_4 24105	48.95 4.08 0.00	43.10 3.59 0.00	39.77 3.18 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.65 3.23 0.00	45.49 3.98 0.00	48.60 4.42 0.00	51.19 4.74 -0.02	54.14 4.79 -1.43	55.16 5.37 -0.09	57.67 5.62 -0.02	61.99 6.34 0.00	67.51 7.61 0.00	72.47 8.68 0.00	117.44 8.67 -46.85	139.48 9.89 -59.47	175.54 10.69 -87.91	120.60 10.77 -32.33	87.16 9.89 -0.01	78.14 7.74 0.00	65.00 5.26 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA_GT_1 23523	49.04 4.17 0.00	43.18 3.67 0.00	39.88 3.29 0.00	36.33 2.88 0.00	36.32 2.85 0.00	41.73 3.30 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.33 4.88 -0.02	54.24 4.89 -1.43	55.26 5.47 -0.09	57.82 5.78 -0.02	62.15 6.51 0.00	67.69 7.79 0.00	72.73 8.93 0.00	117.63 8.86 -46.85	139.69 10.10 -59.47	175.77 10.93 -87.91	120.83 11.00 -32.33	87.39 10.12 -0.01	78.35 7.95 0.00	65.18 5.44 0.00	56.13 4.82 0.00	52.91 4.19 0.00
ASTORIA_GT_10 24110	48.99 4.13 0.00	43.18 3.67 0.00	39.92 3.33 0.00	36.36 2.91 0.00	36.35 2.88 0.00	41.81 3.38 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.28 4.83 -0.02	54.46 4.74 -1.79	55.12 5.32 -0.10	57.77 5.72 -0.02	62.15 6.51 0.00	67.33 7.43 0.00	72.22 8.42 0.00	117.13 8.36 -46.85	139.13 9.54 -59.47	175.15 10.31 -87.90	120.28 10.46 -32.32	86.69 9.43 0.00	77.72 7.32 0.00	64.82 5.08 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA_GT_11 24225	48.99 4.13 0.00	43.18 3.67 0.00	39.92 3.33 0.00	36.36 2.91 0.00	36.35 2.88 0.00	41.81 3.38 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.28 4.83 -0.02	54.46 4.74 -1.79	55.12 5.32 -0.10	57.77 5.72 -0.02	62.15 6.51 0.00	67.33 7.43 0.00	72.22 8.42 0.00	117.13 8.36 -46.85	139.13 9.54 -59.47	175.15 10.31 -87.90	120.28 10.46 -32.32	86.69 9.43 0.00	77.72 7.32 0.00	64.82 5.08 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA_GT_12 24226	48.99 4.13 0.00	43.18 3.67 0.00	39.92 3.33 0.00	36.36 2.91 0.00	36.35 2.88 0.00	41.81 3.38 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.28 4.83 -0.02	54.46 4.74 -1.79	55.12 5.32 -0.10	57.77 5.72 -0.02	62.15 6.51 0.00	67.33 7.43 0.00	72.22 8.42 0.00	117.13 8.36 -46.85	139.13 9.54 -59.47	175.15 10.31 -87.90	120.28 10.46 -32.32	86.69 9.43 0.00	77.72 7.32 0.00	64.82 5.08 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA_GT_13 24227	48.99 4.13 0.00	43.18 3.67 0.00	39.92 3.33 0.00	36.36 2.91 0.00	36.35 2.88 0.00	41.81 3.38 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.28 4.83 -0.02	54.46 4.74 -1.79	55.12 5.32 -0.10	57.77 5.72 -0.02	62.15 6.51 0.00	67.33 7.43 0.00	72.22 8.42 0.00	117.13 8.36 -46.85	139.13 9.54 -59.47	175.15 10.31 -87.90	120.28 10.46 -32.32	86.69 9.43 0.00	77.72 7.32 0.00	64.82 5.08 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA_GT_5 24106	49.04 4.17 0.00	43.18 3.67 0.00	39.88 3.29 0.00	36.33 2.88 0.00	36.32 2.85 0.00	41.73 3.30 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.33 4.88 -0.02	54.24 4.89 -1.43	55.26 5.47 -0.09	57.82 5.78 -0.02	62.15 6.51 0.00	67.69 7.79 0.00	72.73 8.93 0.00	117.63 8.86 -46.85	139.69 10.10 -59.47	175.77 10.93 -87.91	120.83 11.00 -32.33	87.39 10.12 -0.01	78.35 7.95 0.00	65.18 5.44 0.00	56.13 4.82 0.00	52.91 4.19 0.00
ASTORIA_GT_7 24107	49.04 4.17 0.00	43.18 3.67 0.00	39.88 3.29 0.00	36.33 2.88 0.00	36.32 2.85 0.00	41.73 3.30 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.33 4.88 -0.02	54.24 4.89 -1.43	55.26 5.47 -0.09	57.82 5.78 -0.02	62.15 6.51 0.00	67.69 7.79 0.00	72.73 8.93 0.00	117.63 8.86 -46.85	139.69 10.10 -59.47	175.77 10.93 -87.91	120.83 11.00 -32.33	87.39 10.12 -0.01	78.35 7.95 0.00	65.18 5.44 0.00	56.13 4.82 0.00	52.91 4.19 0.00
ASTORIA_GT_8 24108	49.04 4.17 0.00	43.18 3.67 0.00	39.88 3.29 0.00	36.33 2.88 0.00	36.32 2.85 0.00	41.73 3.30 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.33 4.88 -0.02	54.24 4.89 -1.43	55.26 5.47 -0.09	57.82 5.78 -0.02	62.15 6.51 0.00	67.69 7.79 0.00	72.73 8.93 0.00	117.63 8.86 -46.85	139.69 10.10 -59.47	175.77 10.93 -87.91	120.83 11.00 -32.33	87.39 10.12 -0.01	78.35 7.95 0.00	65.18 5.44 0.00	56.13 4.82 0.00	52.91 4.19 0.00
ASTORIA___2 24149	48.91 4.04 -0.01	43.11 3.59 -0.01	39.78 3.18 -0.01	36.27 2.81 -0.01	36.26 2.78 -0.01	41.65 3.23 0.00	45.49 3.99 0.00	48.60 4.42 0.00	51.13 4.69 -0.01	54.10 4.75 -1.43	55.11 5.32 -0.09	57.61 5.57 -0.01	61.99 6.34 -0.01	67.39 7.49 0.00	72.47 8.67 0.00	117.44 8.67 -46.85	139.48 9.89 -59.47	175.23 10.38 -87.91	120.60 10.77 -32.33	87.39 10.12 -0.01	78.14 7.74 0.00	65.13 5.38 0.00	56.03 4.72 -0.01	52.77 4.04 -0.01
ASTORIA___3 23516	48.95 4.08 -0.01	43.19 3.67 -0.01	39.93 3.33 -0.01	36.37 2.91 -0.01	36.36 2.88 -0.01	41.81 3.38 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.23 4.78 -0.02	54.41 4.70 -1.79	55.13 5.32 -0.10	57.77 5.72 -0.02	62.16 6.51 -0.01	67.15 7.25 0.00	72.22 8.42 0.00	117.13 8.36 -46.85	139.13 9.54 -59.47	174.92 10.08 -87.90	120.28 10.46 -32.32	87.00 9.74 0.00	77.72 7.32 0.00	65.01 5.26 0.00	56.03 4.72 -0.01	52.77 4.04 -0.01
ASTORIA___4 23517	48.99 4.13 0.00	43.18 3.67 0.00	39.92 3.33 0.00	36.36 2.91 0.00	36.35 2.88 0.00	41.81 3.38 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.28 4.83 -0.02	54.46 4.74 -1.79	55.12 5.32 -0.10	57.77 5.72 -0.02	62.15 6.51 0.00	67.27 7.37 0.00	72.22 8.42 0.00	117.13 8.36 -46.85	139.13 9.54 -59.47	175.15 10.31 -87.90	120.28 10.46 -32.32	86.69 9.43 0.00	77.72 7.32 0.00	64.82 5.08 0.00	55.97 4.67 0.00	52.77 4.04 0.00
ASTORIA___5 23518	48.95 4.08 -0.01	43.19 3.67 -0.01	39.93 3.33 -0.01	36.37 2.91 -0.01	36.36 2.88 -0.01	41.81 3.38 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.23 4.78 -0.02	54.41 4.70 -1.79	55.13 5.32 -0.10	57.77 5.72 -0.02	62.16 6.51 -0.01	67.15 7.25 0.00	72.22 8.42 0.00	117.13 8.36 -46.85	139.13 9.54 -59.47	174.92 10.08 -87.90	120.28 10.46 -32.32	87.00 9.74 0.00	77.72 7.32 0.00	65.01 5.26 0.00	56.03 4.72 -0.01	52.77 4.04 -0.01
AST_ENERGY_2_CC3 323677	33.22 3.86 15.50	33.22 3.51 9.80	33.22 3.15 6.52	33.22 2.74 2.98	33.22 2.71 2.96	33.22 3.26 8.47	33.22 3.95 12.24	33.22 4.38 15.34	33.22 4.60 17.81	33.22 4.60 19.30	38.25 5.07 16.53	38.93 5.41 18.51	43.66 6.23 18.21	48.64 6.95 18.21	53.94 8.29 18.14	98.98 8.42 -28.63	120.99 9.54 -41.33	141.52 10.16 -54.42	102.31 10.70 -14.11	68.95 9.89 18.21	59.58 7.54 18.35	46.71 5.38 18.42	38.25 4.41 17.47	38.25 3.80 14.28
AST_ENERGY_2_CC4 323678	33.22 3.86 15.50	33.22 3.51 9.80	33.22 3.15 6.52	33.22 2.74 2.98	33.22 2.71 2.96	33.22 3.26 8.47	33.22 3.95 12.24	33.22 4.38 15.34	33.22 4.60 17.81	33.22 4.60 19.30	38.25 5.07 16.53	38.93 5.41 18.51	43.66 6.23 18.21	48.64 6.95 18.21	53.94 8.29 18.14	98.98 8.42 -28.63	120.99 9.54 -41.33	141.52 10.16 -54.42	102.31 10.70 -14.11	68.95 9.89 18.21	59.58 7.54 18.35	46.71 5.38 18.42	38.25 4.41 17.47	38.25 3.80 14.28

ATHENS_STG_1 23668	46.53 1.66 0.00	41.09 1.58 0.00	38.13 1.54 0.00	34.86 1.40 0.00	34.88 1.41 0.00	40.08 1.65 0.00	43.33 1.82 0.00	46.17 1.99 0.00	48.43 2.00 0.00	49.89 1.97 0.00	51.89 2.18 0.00	54.37 2.34 0.00	58.43 2.78 0.00	63.02 3.11 0.00	67.69 3.89 0.00	75.17 4.02 -9.21	72.98 4.49 1.64	74.45 4.69 7.18	75.90 5.19 6.79	82.14 4.87 0.00	74.05 3.66 0.00	62.25 2.51 0.00	53.30 2.00 0.00	50.38 1.66 0.00
ATHENS_STG_2 23670	46.53 1.66 0.00	41.09 1.58 0.00	38.13 1.54 0.00	34.86 1.40 0.00	34.88 1.41 0.00	40.08 1.65 0.00	43.33 1.82 0.00	46.17 1.99 0.00	48.43 2.00 0.00	49.89 1.97 0.00	51.89 2.18 0.00	54.37 2.34 0.00	58.43 2.78 0.00	63.02 3.11 0.00	67.69 3.89 0.00	75.17 4.02 -9.21	72.98 4.49 1.64	74.45 4.69 7.18	75.90 5.19 6.79	82.14 4.87 0.00	74.05 3.66 0.00	62.25 2.51 0.00	53.30 2.00 0.00	50.38 1.66 0.00
ATHENS_STG_3 23677	46.53 1.66 0.00	41.09 1.58 0.00	38.13 1.54 0.00	34.86 1.40 0.00	34.88 1.41 0.00	40.08 1.65 0.00	43.33 1.82 0.00	46.17 1.99 0.00	48.43 2.00 0.00	49.89 1.97 0.00	51.89 2.18 0.00	54.37 2.34 0.00	58.43 2.78 0.00	63.02 3.11 0.00	67.69 3.89 0.00	75.17 4.02 -9.21	72.98 4.49 1.64	74.45 4.69 7.18	75.90 5.19 6.79	82.14 4.87 0.00	74.05 3.66 0.00	62.25 2.51 0.00	53.30 2.00 0.00	50.38 1.66 0.00
AUBURN____LFGE 323710	45.36 0.49 0.00	39.86 0.36 0.00	36.77 0.18 0.00	33.59 0.13 0.00	33.61 0.13 0.00	38.66 0.23 0.00	41.72 0.21 0.00	44.45 0.27 0.00	46.90 0.46 0.00	48.50 0.58 0.00	50.40 0.70 0.00	52.76 0.73 0.00	56.42 0.78 0.00	60.62 0.72 0.00	65.01 1.21 0.00	63.62 0.74 -0.95	71.32 1.19 0.00	78.40 1.46 0.00	79.51 2.01 0.00	79.12 1.85 0.00	72.01 1.62 0.00	60.88 1.14 0.00	52.23 0.92 0.00	49.65 0.93 0.00
BABYLON_RES_REC 323704	49.76 4.89 -0.01	44.13 4.46 -0.17	40.59 3.99 -0.01	36.94 3.48 -0.01	36.99 3.51 -0.01	42.59 4.15 -0.01	46.37 4.85 -0.01	49.45 5.26 -0.01	51.17 4.74 0.00	52.53 4.56 -0.05	53.65 4.08 0.13	56.46 4.63 0.20	61.18 5.79 0.25	69.19 6.95 -2.34	81.35 8.49 -9.07	117.01 8.24 -46.85	139.27 9.68 -59.47	175.39 10.54 -87.91	120.99 11.16 -32.33	91.04 10.51 -3.27	77.93 7.54 0.00	65.74 5.20 -0.80	59.59 4.67 -3.61	51.79 3.75 0.68
BALL_HILL_WT_PWR 323825	44.60 -0.27 0.00	38.91 -0.59 0.00	35.46 -1.13 0.00	32.55 -0.90 0.00	32.43 -1.04 0.00	37.12 -1.31 0.00	39.85 -1.66 0.00	42.02 -2.16 0.00	44.76 -1.67 0.00	47.01 -0.91 0.00	48.56 -1.14 0.00	51.15 -0.88 0.00	54.31 -1.34 0.00	58.71 -1.20 0.00	62.84 -0.96 0.00	61.07 -2.04 -1.19	69.29 -0.84 0.00	75.94 -1.00 0.00	77.65 0.16 0.00	76.80 -0.46 0.00	69.69 -0.70 0.00	59.33 -0.42 0.00	51.56 0.26 0.00	49.94 1.22 0.00
BARON_WINDS____WT_PWR 323822	44.77 -0.09 0.00	38.99 -0.51 0.00	35.86 -0.73 0.00	32.85 -0.60 0.00	32.80 -0.67 0.00	37.66 -0.77 0.00	40.56 -0.95 0.00	42.81 -1.37 0.00	45.37 -1.07 0.00	47.06 -0.86 0.00	48.56 -1.14 0.00	51.04 -0.99 0.00	54.37 -1.28 0.00	58.71 -1.20 0.00	62.96 -0.83 0.00	61.87 -1.67 -1.61	69.41 -0.91 -0.20	76.82 -1.00 -0.88	78.49 0.16 -0.83	77.50 0.23 0.00	70.61 0.21 0.00	59.87 0.12 0.00	51.71 0.41 0.00	49.65 0.92 0.00
BARRETT_IC_1 23704	49.23 4.35 -0.02	43.62 3.95 -0.17	40.22 3.62 -0.01	36.67 3.21 -0.01	36.66 3.18 -0.01	42.20 3.77 -0.01	45.87 4.36 -0.01	48.92 4.73 -0.01	50.75 4.32 0.00	52.81 4.84 -0.05	54.02 4.32 0.00	56.87 4.84 0.00	61.54 5.90 0.00	94.93 6.95 -28.08	181.57 8.35 -109.42	116.82 8.05 -46.85	138.92 9.33 -59.47	174.93 10.08 -87.91	120.53 10.70 -32.33	127.05 10.20 -39.58	77.79 7.39 0.00	65.01 5.26 0.00	100.27 5.03 -43.94	54.11 4.24 -1.14
BARRETT_IC_10 23701	49.23 4.35 -0.02	43.62 3.95 -0.17	40.22 3.62 -0.01	36.67 3.21 -0.01	36.66 3.18 -0.01	42.20 3.77 -0.01	45.87 4.36 -0.01	48.92 4.73 -0.01	50.75 4.32 0.00	52.81 4.84 -0.05	54.02 4.32 0.00	56.87 4.84 0.00	61.54 5.90 0.00	75.43 6.95 -8.58	105.58 8.35 -33.43	116.82 8.05 -46.85	138.92 9.33 -59.47	174.93 10.08 -87.91	120.53 10.70 -32.33	99.55 10.20 -12.09	77.77 7.39 0.02	65.01 5.26 0.00	100.27 5.03 -43.94	54.11 4.24 -1.14
BARRETT_IC_11 23702	49.23 4.35 -0.02	43.62 3.95 -0.17	40.22 3.62 -0.01	36.67 3.21 -0.01	36.66 3.18 -0.01	42.20 3.77 -0.01	45.87 4.36 -0.01	48.92 4.73 -0.01	50.75 4.32 0.00	52.81 4.84 -0.05	54.02 4.32 0.00	56.87 4.84 0.00	61.54 5.90 0.00	75.43 6.95 -8.58	105.58 8.35 -33.43	116.82 8.05 -46.85	138.92 9.33 -59.47	174.93 10.08 -87.91	120.53 10.70 -32.33	99.55 10.20 -12.09	77.77 7.39 0.02	65.01 5.26 0.00	100.27 5.03 -43.94	54.11 4.24 -1.14
BARRETT_IC_12 23703	49.23 4.35 -0.02	43.62 3.95 -0.17	40.22 3.62 -0.01	36.67 3.21 -0.01	36.66 3.18 -0.01	42.20 3.77 -0.01	45.87 4.36 -0.01	48.92 4.73 -0.01	50.75 4.32 0.00	52.81 4.84 -0.05	54.02 4.32 0.00	56.87 4.84 0.00	61.54 5.90 0.00	75.43 6.95 -8.58	105.58 8.35 -33.43	116.82 8.05 -46.85	138.92 9.33 -59.47	174.93 10.08 -87.91	120.53 10.70 -32.33	99.55 10.20 -12.09	77.77 7.39 0.02	65.01 5.26 0.00	100.27 5.03 -43.94	54.11 4.24 -1.14
BARRETT_IC_2 23705	49.23 4.35 -0.02	43.62 3.95 -0.17	40.22 3.62 -0.01	36.67 3.21 -0.01	36.66 3.18 -0.01	42.20 3.77 -0.01	45.87 4.36 -0.01	48.92 4.73 -0.01	50.75 4.32 0.00	52.81 4.84 -0.05	54.02 4.32 0.00	56.87 4.84 0.00	61.54 5.90 0.00	94.93 6.95 -28.08	181.57 8.35 -109.42	116.82 8.05 -46.85	138.92 9.33 -59.47	174.93 10.08 -87.91	120.53 10.70 -32.33	127.05 10.20 -39.58	77.79 7.39 0.00	65.01 5.26 0.00	100.27 5.03 -43.94	54.11 4.24 -1.14
BARRETT_IC_3 23706	49.23 4.35 -0.02	43.62 3.95 -0.17	40.22 3.62 -0.01	36.67 3.21 -0.01	36.66 3.18 -0.01	42.20 3.77 -0.01	45.87 4.36 -0.01	48.92 4.73 -0.01	50.75 4.32 0.00	52.81 4.84 -0.05	54.02 4.32 0.00	56.87 4.84 0.00	61.54 5.90 0.00	94.93 6.95 -28.08	181.57 8.35 -109.42	116.82 8.05 -46.85	138.92 9.33 -59.47	174.93 10.08 -87.91	120.53 10.70 -32.33	127.05 10.20 -39.58	77.79 7.39 0.00	65.01 5.26 0.00	100.27 5.03 -43.94	54.11 4.24 -1.14
BARRETT_IC_4 23707	49.23 4.35 -0.02	43.62 3.95 -0.17	40.22 3.62 -0.01	36.67 3.21 -0.01	36.66 3.18 -0.01	42.20 3.77 -0.01	45.87 4.36 -0.01	48.92 4.73 -0.01	50.75 4.32 0.00	52.81 4.84 -0.05	54.02 4.32 0.00	56.87 4.84 0.00	61.54 5.90 0.00	94.93 6.95 -28.08	181.57 8.35 -109.42	116.82 8.05 -46.85	138.92 9.33 -59.47	174.93 10.08 -87.91	120.53 10.70 -32.33	127.05 10.20 -39.58	77.79 7.39 0.00	65.01 5.26 0.00	100.27 5.03 -43.94	54.11 4.24 -1.14
BARRETT_IC_5 23708	49.23 4.35 -0.02	43.62 3.95 -0.17	40.22 3.62 -0.01	36.67 3.21 -0.01	36.66 3.18 -0.01	42.20 3.77 -0.01	45.87 4.36 -0.01	48.92 4.73 -0.01	50.75 4.32 0.00	52.81 4.84 -0.05	54.02 4.32 0.00	56.87 4.84 0.00	61.54 5.90 0.00	94.93 6.95 -28.08	181.57 8.35 -109.42	116.82 8.05 -46.85	138.92 9.33 -59.47	174.93 10.08 -87.91	120.53 10.70 -32.33	127.05 10.20 -39.58	77.79 7.39 0.00	65.01 5.26 0.00	100.27 5.03 -43.94	54.11 4.24 -1.14

BARRETT_IC_6 23709	49.23 4.35 -0.02	43.62 3.95 -0.17	40.22 3.62 -0.01	36.67 3.21 -0.01	36.66 3.18 -0.01	42.20 3.77 -0.01	45.87 4.36 -0.01	48.92 4.73 -0.01	50.75 4.32 0.00	52.81 4.84 -0.05	54.02 4.32 0.00	56.87 4.84 0.00	61.54 5.90 0.00	94.93 6.95 -28.08	181.57 8.35 -109.42	116.82 8.05 -46.85	138.92 9.33 -59.47	174.93 10.08 -87.91	120.53 10.70 -32.33	127.05 10.20 -39.58	77.79 7.39 0.00	65.01 5.26 0.00	100.27 5.03 -43.94	54.11 4.24 -1.14
BARRETT_IC_7 23710	49.26 4.40 0.00	43.62 3.95 -0.17	40.21 3.62 0.00	36.66 3.21 0.00	36.65 3.18 0.00	42.19 3.77 0.00	45.87 4.36 0.00	48.91 4.73 0.00	50.89 4.46 0.00	52.86 4.89 -0.05	54.07 4.37 0.00	56.92 4.89 0.00	61.54 5.90 0.00	95.17 7.19 -28.08	181.57 8.36 -109.42	116.83 8.05 -46.85	138.99 9.40 -59.47	175.23 10.39 -87.91	120.52 10.69 -32.32	126.74 9.89 -39.58	77.79 7.39 0.00	64.94 5.20 0.00	100.22 4.98 -43.94	53.96 4.09 -1.14
BARRETT_IC_8 23711	49.23 4.35 -0.02	43.62 3.95 -0.17	40.22 3.62 -0.01	36.67 3.21 -0.01	36.66 3.18 -0.01	42.20 3.77 -0.01	45.87 4.36 -0.01	48.92 4.73 -0.01	50.75 4.32 0.00	52.81 4.84 -0.05	54.02 4.32 0.00	56.87 4.84 0.00	61.54 5.90 0.00	94.93 6.95 -28.08	181.57 8.35 -109.42	116.82 8.05 -46.85	138.92 9.33 -59.47	174.93 10.08 -87.91	120.53 10.70 -32.33	127.05 10.20 -39.58	77.79 7.39 0.00	65.01 5.26 0.00	100.27 5.03 -43.94	54.11 4.24 -1.14
BARRETT_IC_9 23700	49.23 4.35 -0.02	43.62 3.95 -0.17	40.22 3.62 -0.01	36.67 3.21 -0.01	36.66 3.18 -0.01	42.20 3.77 -0.01	45.87 4.36 -0.01	48.92 4.73 -0.01	50.75 4.32 0.00	52.81 4.84 -0.05	54.02 4.32 0.00	56.87 4.84 0.00	61.54 5.90 0.00	75.43 6.95 -8.58	105.58 8.35 -33.43	116.82 8.05 -46.85	138.92 9.33 -59.47	174.93 10.08 -87.91	120.53 10.70 -32.33	99.55 10.20 -12.09	77.77 7.39 0.02	65.01 5.26 0.00	100.27 5.03 -43.94	54.11 4.24 -1.14
BARRETT___1 23545	49.23 4.35 -0.02	43.62 3.95 -0.17	40.22 3.62 -0.01	36.67 3.21 -0.01	36.66 3.18 -0.01	42.20 3.77 -0.01	45.87 4.36 -0.01	48.92 4.73 -0.01	50.75 4.32 0.00	52.81 4.84 -0.05	54.02 4.32 0.00	56.87 4.84 0.00	61.54 5.90 0.00	94.93 6.95 -28.08	181.57 8.35 -109.42	116.82 8.05 -46.85	138.92 9.33 -59.47	174.93 10.08 -87.91	120.53 10.70 -32.33	127.05 10.20 -39.58	77.79 7.39 0.00	65.01 5.26 0.00	100.27 5.03 -43.94	54.11 4.24 -1.14
BARRETT___2 23546	49.23 4.35 -0.02	43.62 3.95 -0.17	40.22 3.62 -0.01	36.67 3.21 -0.01	36.66 3.18 -0.01	42.20 3.77 -0.01	45.87 4.36 -0.01	48.92 4.73 -0.01	50.75 4.32 0.00	52.81 4.84 -0.05	54.02 4.32 0.00	56.87 4.84 0.00	61.54 5.90 0.00	75.43 6.95 -8.58	105.58 8.35 -33.43	116.82 8.05 -46.85	138.92 9.33 -59.47	174.93 10.08 -87.91	120.53 10.70 -32.33	99.55 10.20 -12.09	77.77 7.39 0.02	65.01 5.26 0.00	100.27 5.03 -43.94	54.11 4.24 -1.14
BATAVIA___115KV_TB1 55881	45.81 0.94 0.00	40.02 0.51 0.00	36.26 -0.33 0.00	33.42 -0.03 0.00	33.17 -0.30 0.00	37.96 -0.46 0.00	40.68 -0.83 0.00	43.26 -0.93 0.00	45.83 -0.60 0.00	48.02 0.10 0.00	49.65 -0.05 0.00	52.13 0.10 0.00	55.53 -0.11 0.00	59.37 -0.54 0.00	64.24 0.45 0.00	62.06 -0.87 -1.00	70.76 0.63 0.00	77.17 0.23 0.00	79.20 1.70 0.00	78.35 1.08 0.00	71.45 1.06 0.00	60.88 1.14 0.00	52.84 1.54 0.00	51.06 2.34 0.00
BAYONEEC___CTG1 323682	48.72 3.86 0.00	43.02 3.51 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.26 0.00	45.46 3.95 0.00	48.60 4.42 0.00	51.09 4.64 -0.01	53.99 4.65 -1.42	54.90 5.12 -0.08	57.51 5.46 -0.01	61.87 6.23 0.00	66.85 6.95 0.00	72.15 8.35 0.00	117.19 8.42 -46.84	139.20 9.61 -59.47	175.00 10.16 -87.90	120.52 10.70 -32.32	87.16 9.89 0.00	78.00 7.61 0.00	65.13 5.38 0.00	55.72 4.41 0.00	52.48 3.75 0.00
BAYONEEC___CTG10 323750	48.72 3.86 0.00	43.02 3.51 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.26 0.00	45.46 3.95 0.00	48.60 4.42 0.00	51.09 4.64 -0.01	53.99 4.65 -1.42	54.90 5.12 -0.08	57.51 5.46 -0.01	61.87 6.23 0.00	66.85 6.95 0.00	72.15 8.35 0.00	117.19 8.42 -46.84	139.20 9.61 -59.47	175.00 10.16 -87.90	120.52 10.70 -32.32	87.16 9.89 0.00	78.00 7.61 0.00	65.13 5.38 0.00	55.72 4.41 0.00	52.48 3.75 0.00
BAYONEEC___CTG2 323683	48.72 3.86 0.00	43.02 3.51 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.26 0.00	45.46 3.95 0.00	48.60 4.42 0.00	51.09 4.64 -0.01	53.99 4.65 -1.42	54.90 5.12 -0.08	57.51 5.46 -0.01	61.87 6.23 0.00	66.85 6.95 0.00	72.15 8.35 0.00	117.19 8.42 -46.84	139.20 9.61 -59.47	175.00 10.16 -87.90	120.52 10.70 -32.32	87.16 9.89 0.00	78.00 7.61 0.00	65.13 5.38 0.00	55.72 4.41 0.00	52.48 3.75 0.00
BAYONEEC___CTG3 323684	48.72 3.86 0.00	43.02 3.51 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.26 0.00	45.46 3.95 0.00	48.60 4.42 0.00	51.09 4.64 -0.01	53.99 4.65 -1.42	54.90 5.12 -0.08	57.51 5.46 -0.01	61.87 6.23 0.00	66.85 6.95 0.00	72.15 8.35 0.00	117.19 8.42 -46.84	139.20 9.61 -59.47	175.00 10.16 -87.90	120.52 10.70 -32.32	87.16 9.89 0.00	78.00 7.61 0.00	65.13 5.38 0.00	55.72 4.41 0.00	52.48 3.75 0.00
BAYONEEC___CTG4 323685	48.72 3.86 0.00	43.02 3.51 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.26 0.00	45.46 3.95 0.00	48.60 4.42 0.00	51.09 4.64 -0.01	53.99 4.65 -1.42	54.90 5.12 -0.08	57.51 5.46 -0.01	61.87 6.23 0.00	66.85 6.95 0.00	72.15 8.35 0.00	117.19 8.42 -46.84	139.20 9.61 -59.47	175.00 10.16 -87.90	120.52 10.70 -32.32	87.16 9.89 0.00	78.00 7.61 0.00	65.13 5.38 0.00	55.72 4.41 0.00	52.48 3.75 0.00
BAYONEEC___CTG5 323686	48.72 3.86 0.00	43.02 3.51 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.26 0.00	45.46 3.95 0.00	48.60 4.42 0.00	51.09 4.64 -0.01	53.99 4.65 -1.42	54.90 5.12 -0.08	57.51 5.46 -0.01	61.87 6.23 0.00	66.85 6.95 0.00	72.15 8.35 0.00	117.19 8.42 -46.84	139.20 9.61 -59.47	175.00 10.16 -87.90	120.52 10.70 -32.32	87.16 9.89 0.00	78.00 7.61 0.00	65.13 5.38 0.00	55.72 4.41 0.00	52.48 3.75 0.00
BAYONEEC___CTG6 323687	48.72 3.86 0.00	43.02 3.51 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.26 0.00	45.46 3.95 0.00	48.60 4.42 0.00	51.09 4.64 -0.01	53.99 4.65 -1.42	54.90 5.12 -0.08	57.51 5.46 -0.01	61.87 6.23 0.00	66.85 6.95 0.00	72.15 8.35 0.00	117.19 8.42 -46.84	139.20 9.61 -59.47	175.00 10.16 -87.90	120.52 10.70 -32.32	87.16 9.89 0.00	78.00 7.61 0.00	65.13 5.38 0.00	55.72 4.41 0.00	52.48 3.75 0.00
BAYONEEC___CTG7 323688	48.72 3.86 0.00	43.02 3.51 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.26 0.00	45.46 3.95 0.00	48.60 4.42 0.00	51.09 4.64 -0.01	53.99 4.65 -1.42	54.90 5.12 -0.08	57.51 5.46 -0.01	61.87 6.23 0.00	66.85 6.95 0.00	72.15 8.35 0.00	117.19 8.42 -46.84	139.20 9.61 -59.47	175.00 10.16 -87.90	120.52 10.70 -32.32	87.16 9.89 0.00	78.00 7.61 0.00	65.13 5.38 0.00	55.72 4.41 0.00	52.48 3.75 0.00

BAYONEEC___CTG8 323689	48.72 3.86 0.00	43.02 3.51 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.26 0.00	45.46 3.95 0.00	48.60 4.42 0.00	51.09 4.64 -0.01	53.99 4.65 -1.42	54.90 5.12 -0.08	57.51 5.46 -0.01	61.87 6.23 0.00	66.85 6.95 0.00	72.15 8.35 0.00	117.19 8.42 -46.84	139.20 9.61 -59.47	175.00 10.16 -87.90	120.52 10.70 -32.32	87.16 9.89 0.00	78.00 7.61 0.00	65.13 5.38 0.00	55.72 4.41 0.00	52.48 3.75 0.00
BAYONEEC___CTG9 323749	48.72 3.86 0.00	43.02 3.51 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.26 0.00	45.46 3.95 0.00	48.60 4.42 0.00	51.09 4.64 -0.01	53.99 4.65 -1.42	54.90 5.12 -0.08	57.51 5.46 -0.01	61.87 6.23 0.00	66.85 6.95 0.00	72.15 8.35 0.00	117.19 8.42 -46.84	139.20 9.61 -59.47	175.00 10.16 -87.90	120.52 10.70 -32.32	87.16 9.89 0.00	78.00 7.61 0.00	65.13 5.38 0.00	55.72 4.41 0.00	52.48 3.75 0.00
BEACON___LESR 323632	45.71 0.85 0.00	40.29 0.79 0.00	37.54 0.95 0.00	34.29 0.84 0.00	34.27 0.80 0.00	39.39 0.96 0.00	42.47 0.96 0.00	45.29 1.11 0.00	47.31 0.88 0.00	48.69 0.76 0.00	50.65 0.94 0.00	53.02 0.99 0.00	56.70 1.05 0.00	61.22 1.32 0.00	65.65 1.85 0.00	62.44 1.86 1.34	72.44 2.03 -0.28	80.61 2.46 -1.21	81.43 2.79 -1.15	79.89 2.63 0.00	69.99 1.90 2.31	61.00 1.26 0.00	52.28 0.97 0.00	49.46 0.73 0.00
BEAVER RIVER___HYD 24048	46.43 1.57 0.00	40.77 1.26 0.00	37.25 0.66 0.00	33.99 0.53 0.00	34.08 0.60 0.00	39.42 1.00 0.00	42.47 0.96 0.00	45.29 1.11 0.00	47.55 1.11 0.00	48.93 1.01 0.00	50.50 0.79 0.00	52.70 0.67 0.00	56.04 0.39 0.00	60.14 0.24 0.00	63.73 -0.06 0.00	61.99 -0.25 -0.31	69.78 -0.35 0.00	76.86 -0.08 0.00	78.43 0.93 0.00	78.81 1.54 0.00	72.08 1.69 0.00	61.42 1.67 0.00	52.95 1.64 0.00	50.24 1.51 0.00
BEEBEE_GT_13 23619	45.27 0.40 0.00	39.62 0.12 0.00	36.26 -0.33 0.00	33.22 -0.23 0.00	33.17 -0.30 0.00	38.00 -0.42 0.00	40.85 -0.66 0.00	43.48 -0.71 0.00	46.02 -0.42 0.00	48.12 0.19 0.00	49.90 0.20 0.00	52.39 0.36 0.00	55.87 0.22 0.00	59.84 -0.06 0.00	64.50 0.70 0.00	62.59 -0.19 -0.85	70.69 0.56 0.00	77.48 0.54 0.00	78.89 1.39 0.00	78.12 0.85 0.00	71.24 0.84 0.00	60.46 0.72 0.00	52.13 0.82 0.00	49.99 1.27 0.00
BENSHRST_27_KV_BENSHRST_1 355998	49.35 4.49 0.00	43.61 4.11 0.00	40.32 3.73 0.00	36.70 3.24 0.00	36.65 3.18 0.00	42.15 3.73 0.00	45.87 4.36 0.00	48.91 4.73 0.00	51.56 5.11 -0.02	54.79 5.08 -1.79	55.52 5.72 -0.10	58.24 6.19 -0.02	62.65 7.01 0.00	67.87 7.97 0.00	72.92 9.12 0.00	117.88 9.10 -46.85	139.97 10.38 -59.46	176.07 11.23 -87.90	121.29 11.47 -32.32	87.69 10.43 0.00	78.56 8.17 0.00	65.48 5.74 0.00	56.44 5.13 0.00	53.16 4.43 0.00
BETHLEHEM___GRP 23843	45.04 0.18 0.00	39.74 0.24 0.00	37.07 0.48 0.00	33.89 0.43 0.00	33.87 0.40 0.00	38.89 0.46 0.00	41.92 0.42 0.00	44.71 0.53 0.00	46.71 0.28 0.00	48.07 0.14 0.00	50.05 0.35 0.00	52.34 0.31 0.00	56.03 0.39 0.00	60.56 0.66 0.00	64.75 0.96 0.00	61.57 1.05 1.41	71.48 1.12 -0.24	79.36 1.38 -1.03	80.10 1.63 -0.98	78.50 1.24 0.00	69.11 0.77 2.06	59.99 0.24 0.00	51.41 0.10 0.00	48.72 0.00 0.00
BETHLEHEM___GS1 323560	45.04 0.18 0.00	39.74 0.24 0.00	37.06 0.47 0.00	33.89 0.43 0.00	33.88 0.40 0.00	38.89 0.46 0.00	41.92 0.42 0.00	44.72 0.53 0.00	46.67 0.23 0.00	48.07 0.14 0.00	50.05 0.35 0.00	52.34 0.31 0.00	56.04 0.39 0.00	60.44 0.54 0.00	64.75 0.96 0.00	61.57 1.05 1.41	71.48 1.12 -0.24	79.20 1.23 -1.03	80.11 1.63 -0.98	78.66 1.39 0.00	69.11 0.78 2.06	59.99 0.24 0.00	51.46 0.15 0.00	48.72 0.00 0.00
BETHLEHEM___GS2 323561	45.04 0.18 0.00	39.74 0.24 0.00	37.06 0.47 0.00	33.89 0.43 0.00	33.88 0.40 0.00	38.89 0.46 0.00	41.92 0.42 0.00	44.72 0.53 0.00	46.67 0.23 0.00	48.07 0.14 0.00	50.05 0.35 0.00	52.34 0.31 0.00	56.04 0.39 0.00	60.44 0.54 0.00	64.75 0.96 0.00	61.57 1.05 1.41	71.48 1.12 -0.24	79.20 1.23 -1.03	80.11 1.63 -0.98	78.66 1.39 0.00	69.11 0.78 2.06	59.99 0.24 0.00	51.46 0.15 0.00	48.72 0.00 0.00
BETHLEHEM___GS3 323562	45.04 0.18 0.00	39.74 0.24 0.00	37.06 0.47 0.00	33.89 0.43 0.00	33.88 0.40 0.00	38.89 0.46 0.00	41.92 0.42 0.00	44.72 0.53 0.00	46.67 0.23 0.00	48.07 0.14 0.00	50.05 0.35 0.00	52.34 0.31 0.00	56.04 0.39 0.00	60.44 0.54 0.00	64.75 0.96 0.00	61.57 1.05 1.41	71.48 1.12 -0.24	79.20 1.23 -1.03	80.11 1.63 -0.98	78.66 1.39 0.00	69.11 0.78 2.06	59.99 0.24 0.00	51.46 0.15 0.00	48.72 0.00 0.00
BETHLEHEM___STEEL 23779	44.51 -0.36 0.00	38.87 -0.63 0.00	35.42 -1.17 0.00	32.52 -0.94 0.00	32.37 -1.10 0.00	37.04 -1.38 0.00	39.68 -1.83 0.00	41.84 -2.34 0.00	44.48 -1.95 0.00	46.68 -1.25 0.00	48.31 -1.39 0.00	50.73 -1.30 0.00	54.09 -1.56 0.00	57.81 -2.10 0.00	62.58 -1.21 0.00	60.69 -2.42 -1.18	68.93 -1.19 0.00	75.32 -1.62 0.00	77.11 -0.39 0.00	76.18 -1.08 0.00	69.27 -1.13 0.00	59.03 -0.72 0.00	51.25 -0.05 0.00	49.75 1.02 0.00
BETHLHEM_115KV_TB1 79974	45.18 0.31 0.00	39.86 0.36 0.00	37.18 0.59 0.00	33.99 0.54 0.00	33.97 0.50 0.00	39.00 0.58 0.00	42.05 0.54 0.00	44.85 0.66 0.00	46.85 0.42 0.00	48.26 0.34 0.00	50.20 0.50 0.00	52.50 0.47 0.00	56.26 0.61 0.00	60.74 0.84 0.00	65.01 1.21 0.00	61.77 1.30 1.46	71.73 1.40 -0.20	79.53 1.69 -0.89	80.20 1.86 -0.85	78.73 1.47 0.00	69.47 0.99 1.91	60.16 0.42 0.00	51.61 0.31 0.00	48.92 0.19 0.00
BETHPAGE_CC_5 323564	49.45 4.58 -0.01	43.94 4.27 -0.17	40.40 3.81 -0.01	36.81 3.34 -0.01	36.83 3.35 -0.01	42.43 4.00 -0.01	46.17 4.65 -0.01	49.23 5.04 -0.01	50.94 4.50 0.00	52.81 4.84 -0.05	54.07 4.48 0.10	56.87 5.00 0.16	61.57 6.12 0.19	70.03 7.25 -2.88	83.79 8.81 -11.19	117.32 8.55 -46.85	139.55 9.95 -59.47	175.70 10.85 -87.91	121.30 11.47 -32.33	92.04 10.74 -4.04	78.21 7.81 0.00	65.60 5.44 -0.42	61.01 4.88 -4.83	52.24 4.09 0.58
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	44.46 -0.40 0.00	38.83 -0.67 0.00	35.38 -1.21 0.00	32.52 -0.94 0.00	32.33 -1.14 0.00	37.04 -1.38 0.00	39.68 -1.83 0.00	41.84 -2.34 0.00	44.53 -1.90 0.00	46.73 -1.20 0.00	48.36 -1.34 0.00	50.78 -1.25 0.00	54.14 -1.50 0.00	57.87 -2.04 0.00	62.71 -1.08 0.00	60.77 -2.35 -1.19	69.07 -1.05 0.00	75.48 -1.46 0.00	77.19 -0.31 0.00	76.26 -1.00 0.00	69.34 -1.06 0.00	59.09 -0.66 0.00	51.30 0.00 0.00	49.75 1.02 0.00
BINGHAMTON___COGEN 23790	45.49 0.63 0.00	39.94 0.43 0.00	36.88 0.29 0.00	33.72 0.27 0.00	33.74 0.27 0.00	38.81 0.38 0.00	41.88 0.37 0.00	44.54 0.35 0.00	46.94 0.51 0.00	48.64 0.72 0.00	50.45 0.75 0.00	52.91 0.88 0.00	56.59 0.95 0.00	60.92 1.02 0.00	65.39 1.59 0.00	65.46 1.18 -2.35	72.24 1.82 -0.29	80.22 2.00 -1.28	81.19 2.48 -1.21	79.43 2.16 0.00	72.15 1.76 0.00	61.00 1.25 0.00	52.38 1.08 0.00	49.89 1.17 0.00

BIXINCNT_115KV_LOAD 355685	44.06 -0.81 0.00	38.40 -1.11 0.00	34.91 -1.68 0.00	32.08 -1.37 0.00	31.90 -1.57 0.00	36.54 -1.88 0.00	39.31 -2.20 0.00	41.66 -2.52 0.00	44.39 -2.04 0.00	46.49 -1.44 0.00	47.91 -1.79 0.00	50.21 -1.82 0.00	53.59 -2.06 0.00	57.27 -2.64 0.00	62.07 -1.72 0.00	60.22 -2.97 -1.26	68.60 -1.68 -0.16	75.48 -2.15 -0.69	77.15 -1.01 -0.65	75.80 -1.47 0.00	68.99 -1.41 0.00	58.73 -1.02 0.00	50.84 -0.46 0.00	49.36 0.63 0.00
BLACK RIVER___HYD 24047	46.84 1.97 0.00	41.04 1.54 0.00	37.61 1.02 0.00	34.32 0.87 0.00	34.44 0.97 0.00	39.85 1.42 0.00	42.92 1.41 0.00	45.82 1.64 0.00	48.10 1.67 0.00	49.55 1.63 0.00	50.99 1.29 0.00	53.23 1.20 0.00	56.53 0.89 0.00	60.63 0.72 0.00	64.18 0.39 0.00	62.46 0.12 -0.40	70.27 0.14 0.00	77.55 0.61 0.00	79.44 1.94 0.00	80.04 2.78 0.00	73.28 2.89 0.00	62.44 2.69 0.00	53.77 2.46 0.00	51.01 2.29 0.00
BLACKRVR_115KV_TB2 79977	46.79 1.93 0.00	41.04 1.54 0.00	37.61 1.02 0.00	34.29 0.84 0.00	34.44 0.97 0.00	39.85 1.42 0.00	42.92 1.41 0.00	45.82 1.63 0.00	48.11 1.67 0.00	49.50 1.58 0.00	51.00 1.29 0.00	53.23 1.20 0.00	56.53 0.89 0.00	60.56 0.66 0.00	64.18 0.38 0.00	62.46 0.12 -0.40	70.27 0.14 0.00	77.63 0.69 0.00	79.44 1.94 0.00	80.05 2.78 0.00	73.28 2.89 0.00	62.43 2.69 0.00	53.77 2.46 0.00	51.01 2.29 0.00
BLDWN_LI_69_KV_BK4 356085	49.75 4.89 0.00	44.05 4.38 -0.17	40.51 3.92 0.00	36.93 3.48 0.00	36.95 3.48 0.00	42.54 4.11 0.00	46.24 4.73 0.00	49.35 5.17 0.00	51.40 4.97 0.00	53.34 5.37 -0.05	54.67 4.97 0.00	57.60 5.57 0.00	62.15 6.51 0.00	76.90 7.85 -9.15	108.61 9.19 -35.63	117.57 8.79 -46.85	139.90 10.31 -59.47	176.31 11.46 -87.91	121.68 11.86 -32.32	100.96 10.82 -12.88	78.77 8.38 0.00	65.84 6.09 0.00	72.09 5.59 -15.19	53.31 4.58 -0.01
BLISS_WT_PWR 323608	43.97 -0.90 0.00	38.24 -1.27 0.00	34.76 -1.83 0.00	31.95 -1.50 0.00	31.83 -1.64 0.00	36.39 -2.04 0.00	39.15 -2.36 0.00	41.53 -2.65 0.00	44.34 -2.09 0.00	46.49 -1.44 0.00	47.71 -1.99 0.00	50.31 -1.72 0.00	53.36 -2.28 0.00	57.57 -2.34 0.00	61.82 -1.98 0.00	59.97 -3.22 -1.26	68.25 -2.04 -0.16	75.17 -2.47 -0.69	76.76 -1.39 -0.65	75.56 -1.70 0.00	68.78 -1.62 0.00	58.55 -1.19 0.00	50.69 -0.61 0.00	49.21 0.49 0.00
BLUESTONE___WT_PWR 323821	47.69 2.83 0.00	41.79 2.29 0.00	38.60 2.01 0.00	35.26 1.81 0.00	35.31 1.84 0.00	40.85 2.42 0.00	44.00 2.49 0.00	46.97 2.79 0.00	49.64 3.20 0.00	51.42 3.50 0.00	53.09 3.38 0.00	55.67 3.64 0.00	59.21 3.56 0.00	63.80 3.89 0.00	68.07 4.27 0.00	68.27 3.78 -2.56	74.95 4.49 -0.33	83.45 5.08 -1.44	85.14 6.27 -1.36	83.60 6.34 0.00	75.89 5.49 0.00	64.28 4.54 0.00	55.20 3.90 0.00	52.38 3.66 0.00
BLUE_CIRC_CHEM_DRP 24182	45.63 0.76 0.00	40.25 0.75 0.00	37.47 0.88 0.00	34.26 0.80 0.00	34.24 0.77 0.00	39.31 0.88 0.00	42.34 0.83 0.00	45.02 0.84 0.00	47.08 0.65 0.00	48.40 0.48 0.00	50.30 0.60 0.00	51.10 -0.31 0.62	53.65 -0.33 1.66	56.85 -0.18 2.88	59.85 0.13 4.07	57.87 0.25 4.30	64.73 0.21 5.61	70.78 0.46 6.62	71.25 0.70 6.95	77.65 0.39 0.00	69.17 0.14 1.37	59.49 -0.24 0.02	51.05 -0.26 0.00	49.31 0.58 0.00
BOC_GAS_DRP 24189	45.58 0.72 0.00	40.21 0.71 0.00	37.40 0.80 0.00	34.22 0.77 0.00	34.21 0.74 0.00	39.27 0.85 0.00	42.38 0.87 0.00	45.16 0.97 0.00	47.32 0.88 0.00	48.69 0.77 0.00	50.70 0.99 0.00	53.06 0.99 -0.04	56.92 1.17 -0.10	61.52 1.44 -0.18	65.90 1.85 -0.25	62.31 1.92 1.54	72.67 2.17 -0.37	79.81 2.39 -0.49	80.56 2.56 -0.50	79.43 2.16 0.00	70.93 1.62 1.08	60.70 0.96 0.00	52.02 0.72 0.00	49.36 0.63 0.00
BOONVILLE_115KV_TB1 79983	46.39 1.53 0.00	40.77 1.26 0.00	37.47 0.88 0.00	34.19 0.74 0.00	34.28 0.80 0.00	39.54 1.11 0.00	42.63 1.12 0.00	45.51 1.33 0.00	47.92 1.49 0.00	49.41 1.49 0.00	51.10 1.39 0.00	53.49 1.46 0.00	56.92 1.28 0.00	61.22 1.32 0.00	65.07 1.28 0.00	63.23 1.05 -0.25	71.32 1.19 0.00	78.48 1.54 0.00	79.75 2.25 0.00	79.74 2.47 0.00	72.72 2.32 0.00	61.78 2.03 0.00	53.10 1.80 0.00	50.33 1.61 0.00
BORALEX_4TH_BRANCH 23824	48.09 3.23 0.00	42.58 3.08 0.00	39.41 2.82 0.00	36.03 2.58 0.00	36.02 2.54 0.00	41.27 2.84 0.00	44.79 3.28 0.00	47.59 3.40 0.00	49.82 3.39 0.00	51.28 3.35 0.00	53.43 3.73 0.00	56.09 4.06 0.00	60.21 4.56 0.00	64.94 5.03 0.00	69.60 5.81 0.00	68.60 6.25 -0.42	78.53 7.08 -1.32	90.65 7.92 -5.79	91.73 8.76 -5.48	85.53 8.27 0.00	82.64 6.97 -5.27	64.88 5.14 0.00	55.00 3.69 0.00	51.89 3.17 0.00
BOWLINE___1 23526	47.96 3.09 0.00	42.35 2.85 0.00	39.15 2.56 0.00	35.69 2.24 0.00	35.71 2.24 0.00	41.11 2.69 0.00	44.71 3.20 0.00	47.76 3.58 0.00	50.10 3.67 0.00	51.56 3.64 0.00	53.78 4.08 0.00	56.45 4.42 0.00	60.82 5.18 0.00	65.66 5.75 0.00	70.88 7.08 0.00	75.40 7.24 -6.22	82.32 8.27 -3.92	102.82 8.69 -17.19	102.98 9.22 -16.26	85.92 8.65 0.00	76.94 6.55 0.00	64.35 4.60 0.00	55.00 3.70 0.00	51.85 3.12 0.00
BOWLINE___2 23595	47.92 3.05 0.00	42.35 2.85 0.00	39.15 2.56 0.00	35.69 2.24 0.00	35.68 2.21 0.00	41.11 2.69 0.00	44.66 3.15 0.00	47.72 3.54 0.00	50.06 3.62 0.00	51.47 3.55 0.00	53.68 3.98 0.00	56.35 4.32 0.00	60.71 5.06 0.00	65.60 5.69 0.00	70.75 6.95 0.00	75.27 7.12 -6.22	82.18 8.13 -3.92	102.75 8.62 -17.19	102.83 9.06 -16.26	85.76 8.50 0.00	76.87 6.47 0.00	64.28 4.54 0.00	54.95 3.64 0.00	51.80 3.07 0.00
BRADY___115KV_TB2 356060	45.45 0.58 0.00	40.06 0.55 0.00	37.07 0.48 0.00	33.85 0.40 0.00	33.94 0.47 0.00	38.89 0.46 0.00	42.05 0.54 0.00	44.67 0.49 0.00	46.76 0.33 0.00	48.16 0.24 0.00	49.60 -0.10 0.00	51.67 -0.36 0.00	55.03 -0.61 0.00	59.07 -0.84 0.00	62.39 -1.40 0.00	60.44 -1.49 0.00	68.23 -1.89 0.00	74.86 -2.08 0.00	75.10 -2.40 0.00	75.80 -1.47 0.00	69.69 -0.70 0.00	59.87 0.12 0.00	51.77 0.46 0.00	49.41 0.68 0.00
BRANSCOMB___SOLAR 323811	47.15 2.29 0.00	41.64 2.13 0.00	38.56 1.97 0.00	35.19 1.74 0.00	35.18 1.71 0.00	40.50 2.07 0.00	43.71 2.20 0.00	46.48 2.30 0.00	48.71 2.27 0.00	50.18 2.25 0.00	51.79 2.09 0.00	54.21 2.18 0.00	57.93 2.28 0.00	62.48 2.57 0.00	66.92 3.13 0.00	64.10 3.16 0.99	74.23 3.64 -0.46	83.51 4.54 -2.03	84.85 5.42 -1.92	82.67 5.41 0.00	79.15 4.57 -4.18	63.27 3.52 0.00	54.12 2.82 0.00	50.97 2.24 0.00
BRDGHMPT_69_KV_BK1 55812	50.61 5.74 0.00	44.69 5.02 -0.17	40.91 4.32 0.00	37.13 3.68 0.00	37.25 3.78 0.00	42.88 4.46 0.00	46.74 5.23 0.00	49.79 5.61 0.00	51.87 5.43 0.00	53.87 5.89 -0.05	54.53 5.17 0.35	57.38 5.88 0.52	62.17 7.18 0.66	69.81 8.87 -1.04	78.33 10.53 -4.01	119.19 10.40 -46.86	141.81 12.20 -59.48	178.40 13.54 -87.92	141.00 13.95 -49.55	91.39 12.67 -1.45	79.55 9.15 0.00	66.60 6.15 -0.70	57.78 5.34 -1.14	52.39 4.63 0.96

BRENTWOD_69_KV_W. BRTWOOD 56703	50.16 5.29 0.00	44.41 4.74 -0.17	40.76 4.17 0.00	37.10 3.65 0.00	37.19 3.72 0.00	42.81 4.38 0.00	46.62 5.11 0.00	49.71 5.52 0.00	51.54 5.11 0.00	53.34 5.37 -0.05	54.39 4.67 -0.01	57.34 5.31 0.00	62.15 6.51 0.00	68.82 7.67 -1.25	77.68 9.12 -4.76	117.26 8.48 -46.85	139.55 9.96 -59.47	175.92 11.08 -87.91	121.29 11.47 -32.32	89.63 10.66 -1.70	78.59 8.17 -0.03	71.54 5.74 -6.06	58.47 5.13 -2.04	52.12 4.14 0.75
BRISTLHL_115KV_TB1 79998	44.24 -0.63 0.00	38.91 -0.59 0.00	35.97 -0.62 0.00	32.85 -0.60 0.00	32.87 -0.60 0.00	37.77 -0.65 0.00	40.80 -0.71 0.00	43.48 -0.71 0.00	45.78 -0.65 0.00	47.40 -0.53 0.00	49.16 -0.55 0.00	51.41 -0.62 0.00	54.98 -0.67 0.00	59.13 -0.78 0.00	63.22 -0.57 0.00	61.66 -0.87 -0.60	69.35 -0.77 0.00	76.17 -0.77 0.00	77.03 -0.46 0.00	76.65 -0.62 0.00	69.76 -0.63 0.00	59.03 -0.72 0.00	50.64 -0.67 0.00	48.19 -0.54 0.00
BROOKHAVEN___DRP 24191	49.66 4.80 0.00	43.97 4.31 -0.17	40.32 3.73 0.00	36.66 3.21 0.00	36.75 3.28 0.00	42.31 3.88 0.00	46.08 4.57 0.00	49.04 4.86 0.00	50.94 4.50 0.00	52.77 4.79 -0.05	53.39 4.03 0.34	56.14 4.63 0.52	60.73 5.73 0.65	68.13 7.19 -1.03	76.40 8.61 -3.99	117.33 8.55 -46.86	139.63 10.03 -59.48	175.93 11.08 -87.92	137.84 11.47 -48.87	89.22 10.51 -1.44	78.00 7.60 0.00	65.33 4.90 -0.68	56.91 4.46 -1.14	51.42 3.65 0.96
BROOKLYN_NAVY_YARD 23515	48.77 3.90 0.00	43.06 3.56 0.00	39.81 3.22 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.77 3.34 0.00	45.53 4.03 0.00	48.73 4.55 0.00	51.19 4.74 -0.01	54.14 4.79 -1.42	54.95 5.17 -0.08	57.61 5.57 -0.01	62.04 6.40 0.00	67.03 7.13 0.00	72.28 8.49 0.00	117.38 8.61 -46.84	139.41 9.82 -59.47	175.30 10.46 -87.90	120.82 11.00 -32.32	87.46 10.20 0.00	78.21 7.81 0.00	65.30 5.56 0.00	55.87 4.56 0.00	52.62 3.90 0.00
BROOKLYN___ARMY_DRP 323595	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.27 6.62 -0.01	67.45 7.55 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.46 10.62 -87.91	120.67 10.85 -32.32	87.00 9.74 0.00	78.00 7.60 0.00	65.01 5.26 0.00	56.08 4.77 0.00	52.82 4.09 0.00
BROOME_2_LFGE 323671	45.54 0.67 0.00	39.94 0.44 0.00	36.88 0.29 0.00	33.72 0.27 0.00	33.74 0.27 0.00	38.81 0.38 0.00	41.88 0.37 0.00	44.53 0.35 0.00	46.99 0.56 0.00	48.69 0.76 0.00	50.45 0.75 0.00	52.97 0.94 0.00	56.59 0.95 0.00	61.04 1.14 0.00	65.39 1.60 0.00	65.52 1.24 -2.35	72.24 1.82 -0.29	80.06 1.84 -1.28	81.19 2.48 -1.21	79.58 2.32 0.00	72.16 1.76 0.00	60.94 1.19 0.00	52.38 1.08 0.00	49.89 1.17 0.00
BROOME___LFGE 323600	45.54 0.67 0.00	39.94 0.44 0.00	36.88 0.29 0.00	33.72 0.27 0.00	33.74 0.27 0.00	38.81 0.38 0.00	41.88 0.37 0.00	44.53 0.35 0.00	46.99 0.56 0.00	48.69 0.76 0.00	50.45 0.75 0.00	52.97 0.94 0.00	56.59 0.95 0.00	61.04 1.14 0.00	65.39 1.60 0.00	65.52 1.24 -2.35	72.24 1.82 -0.29	80.06 1.84 -1.28	81.19 2.48 -1.21	79.58 2.32 0.00	72.16 1.76 0.00	60.94 1.19 0.00	52.38 1.08 0.00	49.89 1.17 0.00
BROWNFLS_115KV_TB_3_5 80003	45.76 0.90 0.00	40.25 0.75 0.00	36.96 0.37 0.00	33.75 0.30 0.00	33.84 0.37 0.00	38.96 0.54 0.00	42.09 0.58 0.00	44.85 0.66 0.00	47.08 0.65 0.00	48.45 0.53 0.00	50.00 0.30 0.00	52.13 0.10 0.00	55.48 -0.17 0.00	59.54 -0.36 0.00	63.03 -0.77 0.00	60.81 -1.11 0.00	68.58 -1.54 0.00	75.32 -1.62 0.00	76.26 -1.24 0.00	76.72 -0.54 0.00	70.32 -0.07 0.00	60.16 0.42 0.00	52.13 0.82 0.00	49.65 0.93 0.00
BROWNSV1_27_KV_LOAD 356125	49.26 4.40 0.00	43.45 3.95 0.00	40.14 3.55 0.00	36.56 3.11 0.00	36.52 3.05 0.00	42.11 3.69 0.00	45.91 4.40 0.00	49.13 4.95 0.00	51.69 5.25 -0.01	54.66 5.32 -1.42	55.55 5.77 -0.08	58.24 6.19 -0.01	62.71 7.07 0.00	67.93 8.03 0.00	73.11 9.31 0.00	118.12 9.35 -46.84	140.25 10.66 -59.47	176.46 11.62 -87.90	121.75 11.93 -32.32	88.08 10.82 0.00	79.05 8.66 0.00	65.90 6.15 0.00	56.38 5.08 0.00	53.16 4.43 0.00
BURROWS___LYONSDAL 23803	46.39 1.53 0.00	40.77 1.26 0.00	37.36 0.77 0.00	34.12 0.67 0.00	34.17 0.70 0.00	39.46 1.04 0.00	42.55 1.04 0.00	45.38 1.19 0.00	47.78 1.35 0.00	49.22 1.29 0.00	50.90 1.19 0.00	53.23 1.20 0.00	56.65 1.00 0.00	60.86 0.96 0.00	64.69 0.89 0.00	62.87 0.68 -0.26	70.90 0.77 0.00	78.02 1.08 0.00	79.36 1.86 0.00	79.43 2.16 0.00	72.51 2.11 0.00	61.60 1.85 0.00	53.00 1.69 0.00	50.23 1.51 0.00
CAITHNESS_CC_1 323624	49.54 4.67 -0.01	43.94 4.27 -0.17	40.29 3.69 -0.01	36.64 3.18 -0.01	36.73 3.25 -0.01	42.31 3.88 -0.01	46.08 4.57 -0.01	49.01 4.82 -0.01	50.70 4.27 0.00	52.43 4.46 -0.05	53.35 3.98 0.34	56.00 4.48 0.51	60.69 5.68 0.63	67.82 6.89 -1.03	76.25 8.49 -3.97	117.14 8.36 -46.86	139.42 9.82 -59.48	175.48 10.62 -87.92	136.93 11.23 -48.19	89.21 10.51 -1.44	77.86 7.46 0.00	65.31 4.90 -0.67	56.86 4.41 -1.15	51.52 3.75 0.96
CALPINE BETH_PAGE_GT4 24209	49.49 4.62 0.00	43.97 4.31 -0.17	40.43 3.84 0.00	36.87 3.41 0.00	36.89 3.41 0.00	42.46 4.03 0.00	46.20 4.69 0.00	49.13 4.95 0.00	51.12 4.69 0.00	53.01 5.03 -0.05	54.30 4.57 -0.02	57.22 5.15 -0.04	61.93 6.23 -0.05	71.12 7.55 -3.67	86.94 8.87 -14.28	117.44 8.67 -46.85	139.69 10.10 -59.47	176.08 11.23 -87.91	121.37 11.55 -32.32	92.85 10.43 -5.16	78.28 7.88 0.00	65.55 5.50 -0.31	62.76 4.98 -6.48	52.38 4.04 0.39
CALPINE_BETH_PAGE_GT_4 323586	49.45 4.58 -0.01	43.98 4.31 -0.17	40.44 3.84 -0.01	36.84 3.38 -0.01	36.90 3.42 -0.01	42.47 4.03 -0.01	46.21 4.69 -0.01	49.31 5.12 -0.01	50.99 4.55 0.00	52.87 4.89 -0.05	54.30 4.57 -0.02	57.17 5.10 -0.04	61.92 6.23 -0.05	70.88 7.31 -3.67	86.94 8.86 -14.28	117.44 8.67 -46.85	139.69 10.10 -59.47	175.77 10.92 -87.91	121.38 11.55 -32.33	93.24 10.82 -5.16	78.35 7.95 0.00	65.61 5.56 -0.31	62.81 5.03 -6.48	52.47 4.14 0.39
CALPINE_BP_GT1 23823	49.45 4.58 -0.01	43.98 4.31 -0.17	40.44 3.84 -0.01	36.84 3.38 -0.01	36.90 3.42 -0.01	42.47 4.03 -0.01	46.21 4.69 -0.01	49.31 5.12 -0.01	50.99 4.55 0.00	52.87 4.89 -0.05	54.30 4.57 -0.02	57.17 5.10 -0.04	61.92 6.23 -0.05	70.88 7.31 -3.67	86.94 8.86 -14.28	117.44 8.67 -46.85	139.69 10.10 -59.47	175.77 10.92 -87.91	121.38 11.55 -32.33	93.24 10.82 -5.16	78.35 7.95 0.00	65.61 5.56 -0.31	62.81 5.03 -6.48	52.47 4.14 0.39
CALSPAN___DRP 24200	44.51 -0.36 0.00	38.87 -0.63 0.00	35.42 -1.17 0.00	32.52 -0.94 0.00	32.37 -1.10 0.00	37.04 -1.38 0.00	39.68 -1.83 0.00	41.84 -2.34 0.00	44.48 -1.95 0.00	46.68 -1.25 0.00	48.31 -1.39 0.00	50.73 -1.30 0.00	54.09 -1.56 0.00	57.81 -2.10 0.00	62.58 -1.21 0.00	60.69 -2.42 -1.18	68.93 -1.19 0.00	75.32 -1.62 0.00	77.11 -0.39 0.00	76.18 -1.08 0.00	69.27 -1.13 0.00	59.03 -0.72 0.00	51.25 -0.05 0.00	49.75 1.02 0.00

CALVERTON___SOLAR 323806	49.72 4.85 -0.01	44.05 4.38 -0.17	40.37 3.77 -0.01	36.71 3.24 -0.01	36.79 3.31 -0.01	42.39 3.96 -0.01	46.17 4.65 -0.01	49.09 4.90 -0.01	50.85 4.41 0.00	52.58 4.60 -0.05	53.48 4.12 0.34	56.20 4.68 0.52	60.89 5.90 0.65	68.12 7.19 -1.03	76.65 8.86 -3.99	117.57 8.79 -46.86	139.92 10.31 -59.48	176.10 11.23 -87.93	138.49 11.86 -49.14	89.76 11.05 -1.45	78.28 7.88 0.00	65.63 5.20 -0.69	57.07 4.62 -1.14	51.71 3.94 0.96
CANDIGU_WT_PWR 323617	44.77 -0.09 0.00	38.99 -0.51 0.00	35.86 -0.73 0.00	32.85 -0.60 0.00	32.80 -0.67 0.00	37.66 -0.77 0.00	40.56 -0.95 0.00	42.81 -1.37 0.00	45.37 -1.07 0.00	47.06 -0.86 0.00	48.56 -1.14 0.00	51.04 -0.99 0.00	54.37 -1.28 0.00	58.71 -1.20 0.00	62.96 -0.83 0.00	61.87 -1.67 -1.61	69.41 -0.91 -0.20	76.82 -1.00 -0.88	78.49 0.16 -0.83	77.50 0.23 0.00	70.61 0.21 0.00	59.87 0.12 0.00	51.71 0.41 0.00	49.65 0.92 0.00
CARR STREET_E_SYR 24060	44.77 -0.09 0.00	39.35 -0.16 0.00	36.34 -0.25 0.00	33.22 -0.23 0.00	33.24 -0.23 0.00	38.20 -0.23 0.00	41.22 -0.29 0.00	43.96 -0.22 0.00	46.34 -0.09 0.00	48.02 0.10 0.00	49.75 0.05 0.00	52.13 0.10 0.00	55.81 0.17 0.00	60.08 0.18 0.00	64.18 0.39 0.00	62.76 0.12 -0.70	70.48 0.35 0.00	77.25 0.31 0.00	78.27 0.77 0.00	77.88 0.62 0.00	70.75 0.35 0.00	59.81 0.06 0.00	51.41 0.10 0.00	48.82 0.10 0.00
CARTHAGE___PAPER 23857	46.61 1.75 0.00	40.89 1.38 0.00	37.39 0.80 0.00	34.12 0.67 0.00	34.24 0.77 0.00	39.62 1.19 0.00	42.67 1.16 0.00	45.51 1.32 0.00	47.73 1.30 0.00	49.12 1.20 0.00	50.60 0.90 0.00	52.81 0.78 0.00	56.09 0.44 0.00	60.21 0.30 0.00	63.73 -0.06 0.00	62.05 -0.25 -0.37	69.78 -0.35 0.00	77.02 0.08 0.00	78.74 1.24 0.00	79.27 2.01 0.00	72.58 2.18 0.00	61.84 2.09 0.00	53.25 1.95 0.00	50.53 1.80 0.00
CASSADAGA_WT_PWR 323784	44.50 -0.36 0.00	38.75 -0.75 0.00	35.27 -1.32 0.00	32.35 -1.10 0.00	32.30 -1.17 0.00	37.08 -1.35 0.00	40.02 -1.49 0.00	42.64 -1.55 0.00	45.41 -1.02 0.00	47.68 -0.24 0.00	49.21 -0.50 0.00	51.93 -0.10 0.00	54.92 -0.72 0.00	59.25 -0.66 0.00	63.35 -0.44 0.00	61.50 -1.67 -1.24	69.85 -0.28 0.00	77.17 0.23 0.00	78.97 1.47 0.00	78.12 0.85 0.00	70.39 0.00 0.00	59.99 0.24 0.00	52.12 0.82 0.00	50.58 1.85 0.00
CE_DUNWOOD___DRP 24194	48.41 3.54 0.00	42.70 3.20 0.00	39.48 2.89 0.00	36.00 2.54 0.00	35.98 2.51 0.00	41.46 3.04 0.00	45.08 3.57 0.00	48.20 4.02 0.00	50.61 4.18 0.00	52.14 4.17 -0.05	54.33 4.62 0.00	57.03 4.99 0.00	61.43 5.79 0.00	66.55 6.65 0.00	71.58 7.78 0.00	116.69 7.93 -46.84	138.70 9.12 -59.46	174.74 9.93 -87.88	120.02 10.23 -32.30	86.46 9.19 0.00	77.65 7.25 0.00	64.76 5.02 0.00	55.36 4.05 0.00	52.23 3.51 0.00
CE_MILLWOOD___DRP 24193	48.27 3.41 0.00	42.62 3.12 0.00	39.37 2.78 0.00	35.93 2.48 0.00	35.92 2.44 0.00	41.35 2.92 0.00	44.95 3.45 0.00	48.03 3.84 0.00	50.47 4.04 0.00	51.94 3.98 -0.04	54.13 4.42 0.00	56.82 4.79 0.00	61.21 5.56 0.00	66.31 6.41 0.00	71.39 7.59 0.00	116.43 7.68 -46.83	138.40 8.84 -59.44	174.33 9.62 -87.77	119.62 9.92 -32.20	86.15 8.89 0.00	77.36 6.97 0.00	64.65 4.90 0.00	55.20 3.90 0.00	52.09 3.36 0.00
CE_NYC2_DRP 24202	48.99 4.13 0.00	43.22 3.71 0.00	39.92 3.33 0.00	36.40 2.94 0.00	36.38 2.91 0.00	41.85 3.42 0.00	45.62 4.11 0.00	48.78 4.60 0.00	51.33 4.88 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.82 5.78 -0.02	62.21 6.57 0.00	67.33 7.43 0.00	72.28 8.48 0.00	117.26 8.48 -46.85	139.20 9.61 -59.47	175.23 10.39 -87.90	120.44 10.62 -32.32	86.77 9.50 0.00	77.79 7.39 0.00	64.94 5.20 0.00	56.02 4.72 0.00	52.82 4.09 0.00
CE_NYC_DRP 24195	48.86 3.99 0.00	43.10 3.59 0.00	39.81 3.22 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.77 3.34 0.00	45.54 4.03 0.00	48.73 4.55 0.00	51.23 4.78 -0.01	54.11 4.84 -1.35	55.05 5.27 -0.08	57.71 5.67 -0.01	62.15 6.51 0.00	67.33 7.43 0.00	72.41 8.61 0.00	117.44 8.67 -46.84	139.48 9.89 -59.47	175.61 10.77 -87.90	120.82 11.00 -32.32	87.16 9.89 0.00	78.21 7.81 0.00	65.24 5.50 0.00	55.82 4.51 0.00	52.62 3.90 0.00
CHAFFEE___LFGE 323603	44.64 -0.22 0.00	38.95 -0.55 0.00	35.49 -1.10 0.00	32.58 -0.87 0.00	32.47 -1.00 0.00	37.12 -1.31 0.00	39.77 -1.74 0.00	42.02 -2.16 0.00	44.76 -1.67 0.00	47.06 -0.86 0.00	48.51 -1.19 0.00	51.15 -0.88 0.00	54.31 -1.34 0.00	58.76 -1.14 0.00	62.90 -0.89 0.00	61.10 -2.04 -1.22	69.42 -0.70 0.00	75.79 -1.15 0.00	77.50 0.00 0.00	76.57 -0.70 0.00	69.62 -0.77 0.00	59.27 -0.48 0.00	51.51 0.21 0.00	49.85 1.12 0.00
CHATEAUG_35_KV_LOAD 355732	44.33 -0.54 0.00	39.03 -0.47 0.00	36.15 -0.44 0.00	33.02 -0.43 0.00	33.14 -0.33 0.00	37.96 -0.46 0.00	41.14 -0.37 0.00	43.70 -0.49 0.00	45.74 -0.70 0.00	47.11 -0.81 0.00	48.41 -1.29 0.00	50.52 -1.51 0.00	53.59 -2.06 0.00	57.39 -2.52 0.00	60.67 -3.13 0.00	58.89 -3.03 0.00	66.69 -3.44 0.00	73.48 -3.46 0.00	73.62 -3.87 0.00	74.17 -3.09 0.00	68.00 -2.39 0.00	58.07 -1.67 0.00	50.02 -1.28 0.00	47.70 -1.02 0.00
CHATEAUG_WT_PWR 323614	44.33 -0.54 0.00	39.03 -0.47 0.00	36.15 -0.44 0.00	33.02 -0.44 0.00	33.10 -0.37 0.00	37.97 -0.46 0.00	41.14 -0.37 0.00	43.70 -0.49 0.00	45.78 -0.65 0.00	46.97 -0.96 0.00	48.46 -1.24 0.00	50.57 -1.46 0.00	53.53 -2.11 0.00	57.33 -2.57 0.00	60.67 -3.12 0.00	58.90 -3.03 0.00	66.62 -3.50 0.00	73.55 -3.38 0.00	73.55 -3.95 0.00	73.87 -3.40 0.00	67.79 -2.60 0.00	57.89 -1.85 0.00	49.87 -1.44 0.00	47.70 -1.03 0.00
CHAT_HIGH_FALL_HYD 323578	44.33 -0.54 0.00	39.03 -0.47 0.00	36.15 -0.44 0.00	33.02 -0.43 0.00	33.14 -0.33 0.00	37.96 -0.46 0.00	41.14 -0.37 0.00	43.70 -0.49 0.00	45.74 -0.70 0.00	47.11 -0.81 0.00	48.41 -1.29 0.00	50.52 -1.51 0.00	53.59 -2.06 0.00	57.39 -2.52 0.00	60.67 -3.13 0.00	58.89 -3.03 0.00	66.69 -3.44 0.00	73.48 -3.46 0.00	73.62 -3.87 0.00	74.17 -3.09 0.00	68.00 -2.39 0.00	58.07 -1.67 0.00	50.02 -1.28 0.00	47.70 -1.02 0.00
CHAUTAUQUA___LFGE 323629	44.77 -0.09 0.00	39.03 -0.47 0.00	35.53 -1.06 0.00	32.62 -0.84 0.00	32.53 -0.94 0.00	37.31 -1.12 0.00	40.14 -1.37 0.00	42.41 -1.77 0.00	45.13 -1.30 0.00	47.44 -0.48 0.00	48.96 -0.74 0.00	51.61 -0.42 0.00	54.75 -0.89 0.00	59.19 -0.72 0.00	63.35 -0.44 0.00	61.53 -1.61 -1.21	69.92 -0.21 0.00	76.78 -0.15 0.00	78.58 1.08 0.00	77.73 0.47 0.00	70.39 0.00 0.00	59.99 0.24 0.00	52.08 0.77 0.00	50.43 1.70 0.00
CHERRYST_13_KV_LD 356241	49.04 4.17 0.00	43.26 3.75 0.00	39.96 3.37 0.00	36.40 2.94 0.00	36.38 2.91 0.00	41.92 3.50 0.00	45.74 4.23 0.00	48.95 4.77 0.00	51.51 5.06 -0.01	54.40 5.13 -1.35	55.35 5.57 -0.08	58.08 6.04 -0.01	62.49 6.84 0.00	67.69 7.79 0.00	72.85 9.06 0.00	117.88 9.10 -46.84	139.90 10.31 -59.47	176.07 11.23 -87.90	121.29 11.47 -32.32	87.62 10.35 0.00	78.56 8.17 0.00	65.54 5.80 0.00	56.02 4.72 0.00	52.82 4.09 0.00

CHESTROR_138KV_BK263 355645	47.65 2.78 0.00	42.03 2.53 0.00	38.86 2.27 0.00	35.49 2.04 0.00	35.48 2.01 0.00	40.85 2.42 0.00	44.37 2.86 0.00	47.36 3.18 0.00	49.73 3.30 0.00	51.18 3.26 0.00	53.33 3.63 0.00	55.98 3.95 0.00	60.21 4.56 0.00	65.18 5.27 0.00	70.05 6.25 0.00	74.40 6.32 -6.15	80.91 7.22 -3.56	100.46 7.92 -15.59	100.39 8.14 -14.75	84.84 7.57 0.00	76.38 5.98 0.00	63.93 4.18 0.00	54.69 3.39 0.00	51.60 2.87 0.00
CH_MIDHUDSON___DRP 24192	47.96 3.10 0.00	42.31 2.80 0.00	39.11 2.52 0.00	35.69 2.24 0.00	35.68 2.21 0.00	41.12 2.69 0.00	44.62 3.11 0.00	47.67 3.49 0.00	50.06 3.62 0.00	51.47 3.55 0.00	53.68 3.98 0.00	56.40 4.37 0.00	60.65 5.01 0.00	65.66 5.75 0.00	70.49 6.70 0.00	75.04 6.75 -6.37	81.69 7.71 -3.85	102.20 8.39 -16.88	102.14 8.68 -15.96	85.46 8.19 0.00	76.94 6.55 0.00	64.35 4.60 0.00	55.00 3.69 0.00	51.89 3.17 0.00
CH_MISC_IPPS 23765	48.18 3.32 0.00	42.50 3.00 0.00	39.26 2.67 0.00	35.83 2.38 0.00	35.81 2.34 0.00	41.31 2.88 0.00	44.83 3.32 0.00	47.89 3.71 0.00	50.33 3.90 0.00	51.76 3.84 0.00	53.98 4.28 0.00	56.71 4.68 0.00	61.04 5.40 0.00	65.95 6.05 0.00	71.00 7.21 0.00	75.37 7.12 -6.32	81.98 8.13 -3.72	101.86 8.62 -16.31	102.07 9.14 -15.43	86.30 9.04 0.00	77.50 7.11 0.00	64.82 5.08 0.00	55.46 4.15 0.00	52.28 3.55 0.00
CH_RES_BVR_FALLS 23983	44.46 -0.40 0.00	39.15 -0.36 0.00	36.22 -0.37 0.00	33.12 -0.33 0.00	33.14 -0.33 0.00	38.04 -0.38 0.00	41.14 -0.37 0.00	43.78 -0.40 0.00	45.97 -0.46 0.00	47.40 -0.53 0.00	49.11 -0.59 0.00	51.35 -0.68 0.00	54.87 -0.78 0.00	59.01 -0.90 0.00	62.71 -1.08 0.00	60.94 -0.99 0.00	68.93 -1.19 0.00	75.70 -1.23 0.00	76.18 -1.32 0.00	76.03 -1.24 0.00	69.41 -0.99 0.00	59.03 -0.71 0.00	50.69 -0.61 0.00	48.19 -0.53 0.00
CH_RES_NIAGARA 23895	43.43 -1.44 0.00	37.96 -1.54 0.00	35.02 -1.57 0.00	31.75 -1.71 0.00	32.00 -1.47 0.00	36.58 -1.84 0.00	38.73 -2.78 0.00	40.52 -3.67 0.00	43.04 -3.39 0.00	45.29 -2.64 0.00	46.92 -2.78 0.00	49.27 -2.76 0.00	52.36 -3.28 0.00	55.83 -4.07 0.00	60.48 -3.32 0.00	58.61 -4.40 -1.08	66.41 -3.72 0.00	72.48 -4.46 0.00	74.17 -3.33 0.00	73.25 -4.02 0.00	66.66 -3.73 0.00	56.88 -2.87 0.00	49.61 -1.69 0.00	48.24 -0.49 0.00
CH_RES_SYRACUSE 23985	45.04 0.18 0.00	39.58 0.08 0.00	36.59 0.00 0.00	33.42 -0.03 0.00	33.47 0.00 0.00	38.43 0.00 0.00	41.51 0.00 0.00	44.23 0.04 0.00	46.67 0.23 0.00	48.31 0.38 0.00	50.05 0.35 0.00	52.44 0.41 0.00	56.09 0.44 0.00	60.14 0.24 0.00	64.18 0.39 0.00	62.76 0.06 -0.77	70.41 0.28 0.00	77.25 0.31 0.00	78.19 0.70 0.00	77.88 0.62 0.00	70.82 0.42 0.00	59.93 0.18 0.00	51.71 0.41 0.00	49.16 0.44 0.00
CLINTON_WT_PWR 323605	44.33 -0.54 0.00	39.03 -0.47 0.00	36.15 -0.44 0.00	33.02 -0.44 0.00	33.10 -0.37 0.00	37.97 -0.46 0.00	41.14 -0.37 0.00	43.70 -0.49 0.00	45.78 -0.65 0.00	46.97 -0.96 0.00	48.46 -1.24 0.00	50.57 -1.46 0.00	53.53 -2.11 0.00	57.33 -2.57 0.00	60.67 -3.12 0.00	58.90 -3.03 0.00	66.62 -3.50 0.00	73.55 -3.38 0.00	73.55 -3.95 0.00	73.87 -3.40 0.00	67.79 -2.60 0.00	57.89 -1.85 0.00	49.87 -1.44 0.00	47.70 -1.03 0.00
CLINTON___LFGE 323618	44.73 -0.13 0.00	39.42 -0.08 0.00	36.48 -0.11 0.00	33.32 -0.13 0.00	33.44 -0.03 0.00	38.27 -0.15 0.00	41.51 0.00 0.00	44.09 -0.09 0.00	46.20 -0.23 0.00	47.25 -0.67 0.00	48.71 -0.99 0.00	50.84 -1.19 0.00	53.59 -2.06 0.00	57.27 -2.63 0.00	60.54 -3.25 0.00	58.71 -3.22 0.00	66.48 -3.65 0.00	73.55 -3.38 0.00	73.47 -4.03 0.00	73.94 -3.32 0.00	68.00 -2.39 0.00	58.07 -1.67 0.00	50.07 -1.23 0.00	48.09 -0.63 0.00
COBBLENY_34_KV_TB1 80064	44.55 -0.31 0.00	38.95 -0.55 0.00	35.49 -1.10 0.00	32.58 -0.87 0.00	32.40 -1.07 0.00	37.12 -1.31 0.00	39.77 -1.74 0.00	42.02 -2.16 0.00	44.67 -1.76 0.00	46.87 -1.05 0.00	48.51 -1.19 0.00	50.94 -1.09 0.00	54.31 -1.34 0.00	58.11 -1.80 0.00	62.90 -0.89 0.00	61.04 -2.11 -1.22	69.35 -0.77 0.00	75.71 -1.23 0.00	77.50 0.00 0.00	76.57 -0.70 0.00	69.62 -0.77 0.00	59.27 -0.48 0.00	51.46 0.15 0.00	49.84 1.12 0.00
COFFEEN___115KV_TB3 355620	47.11 2.24 0.00	41.28 1.78 0.00	37.83 1.24 0.00	34.49 1.04 0.00	34.64 1.17 0.00	40.12 1.69 0.00	43.17 1.66 0.00	46.08 1.90 0.00	48.38 1.95 0.00	49.84 1.92 0.00	51.29 1.59 0.00	53.49 1.46 0.00	56.76 1.11 0.00	60.80 0.90 0.00	64.43 0.64 0.00	62.65 0.31 -0.41	70.55 0.42 0.00	77.94 1.00 0.00	79.90 2.40 0.00	80.59 3.32 0.00	73.84 3.45 0.00	62.97 3.23 0.00	54.18 2.87 0.00	51.40 2.68 0.00
COLDSPRG_115KV_BK1 355956	44.77 -0.09 0.00	39.03 -0.47 0.00	35.57 -1.02 0.00	32.65 -0.80 0.00	32.53 -0.94 0.00	37.43 -1.00 0.00	40.35 -1.16 0.00	43.21 -0.97 0.00	45.88 -0.56 0.00	48.07 0.14 0.00	49.75 0.05 0.00	51.93 -0.10 0.00	55.42 -0.22 0.00	59.31 -0.60 0.00	64.11 0.32 0.00	62.16 -1.05 -1.29	70.92 0.63 -0.16	78.03 0.38 -0.71	79.72 1.55 -0.67	78.12 0.85 0.00	70.75 0.35 0.00	60.28 0.54 0.00	52.13 0.82 0.00	50.62 1.90 0.00
COLONIE_LFGE___ 323577	46.75 1.88 0.00	41.28 1.78 0.00	38.31 1.72 0.00	34.99 1.54 0.00	34.98 1.51 0.00	40.19 1.77 0.00	43.46 1.95 0.00	46.22 2.03 0.00	48.43 2.00 0.00	49.94 2.01 0.00	51.79 2.09 0.00	54.27 2.24 0.00	58.15 2.51 0.00	62.66 2.76 0.00	67.17 3.38 0.00	64.64 3.53 0.81	74.71 4.00 -0.59	84.14 4.62 -2.59	85.14 5.19 -2.45	82.36 5.10 0.00	81.34 4.08 -6.87	62.73 2.99 0.00	53.56 2.25 0.00	50.58 1.85 0.00
COOPERNY_115KV_TB1 80082	47.24 2.38 0.00	41.64 2.13 0.00	38.53 1.94 0.00	35.19 1.74 0.00	35.21 1.74 0.00	40.50 2.07 0.00	43.92 2.41 0.00	46.83 2.65 0.00	49.22 2.79 0.00	50.70 2.78 0.00	52.79 3.08 0.00	55.41 3.38 0.00	59.54 3.90 0.00	64.34 4.43 0.00	69.15 5.36 0.00	72.93 5.39 -5.62	78.90 6.17 -2.60	95.10 6.77 -11.39	95.32 7.05 -10.77	83.68 6.41 0.00	75.46 5.07 0.00	63.27 3.53 0.00	54.18 2.87 0.00	51.16 2.44 0.00
COPENHAGEN_WT_PWR 323753	46.57 1.70 0.00	40.85 1.34 0.00	37.47 0.88 0.00	34.19 0.74 0.00	34.31 0.84 0.00	39.69 1.27 0.00	42.71 1.20 0.00	45.60 1.41 0.00	47.87 1.44 0.00	49.31 1.39 0.00	50.80 1.09 0.00	53.02 0.99 0.00	56.37 0.72 0.00	60.50 0.60 0.00	64.12 0.32 0.00	62.35 0.00 -0.42	70.20 0.07 0.00	77.40 0.46 0.00	79.20 1.70 0.00	79.74 2.47 0.00	72.93 2.53 0.00	62.07 2.33 0.00	53.46 2.15 0.00	50.77 2.05 0.00
CORNELL_____ 23752	46.12 1.26 0.00	40.45 0.95 0.00	37.36 0.77 0.00	34.12 0.67 0.00	34.17 0.70 0.00	39.31 0.88 0.00	42.38 0.87 0.00	45.11 0.93 0.00	47.55 1.11 0.00	49.12 1.20 0.00	50.85 1.14 0.00	53.23 1.20 0.00	56.92 1.28 0.00	61.28 1.38 0.00	65.65 1.85 0.00	64.94 1.36 -1.65	72.37 2.03 -0.21	80.31 2.46 -0.91	81.69 3.33 -0.86	80.43 3.17 0.00	73.21 2.82 0.00	61.84 2.09 0.00	53.05 1.74 0.00	50.43 1.71 0.00

CORONA V_69_KV_TB1 355595	49.57 4.71 0.00	43.86 4.19 -0.17	40.40 3.81 0.00	36.87 3.41 0.00	36.85 3.38 0.00	42.42 4.00 0.00	46.12 4.61 0.00	49.26 5.08 0.00	51.35 4.92 0.00	53.34 5.37 -0.05	54.72 5.02 0.00	57.65 5.62 0.00	62.32 6.68 0.00	85.65 7.97 -17.78	142.31 9.25 -69.27	117.88 9.10 -46.85	140.18 10.59 -59.47	176.54 11.69 -87.91	121.91 12.09 -32.32	113.45 11.13 -25.05	78.91 8.52 0.00	65.78 6.03 0.00	84.59 5.54 -27.74	54.00 4.63 -0.65
CORTLAND_115KV_TB3 80093	45.72 0.85 0.00	40.14 0.63 0.00	37.10 0.51 0.00	33.89 0.43 0.00	33.91 0.44 0.00	39.04 0.61 0.00	42.13 0.62 0.00	44.85 0.66 0.00	47.27 0.84 0.00	48.88 0.96 0.00	50.65 0.94 0.00	53.02 0.99 0.00	56.70 1.06 0.00	61.04 1.14 0.00	65.39 1.59 0.00	64.52 1.24 -1.35	71.98 1.68 -0.17	79.68 2.00 -0.74	80.76 2.56 -0.70	79.66 2.40 0.00	72.44 2.04 0.00	61.24 1.49 0.00	52.54 1.23 0.00	49.94 1.22 0.00
COXSACKIE__GT 23611	46.57 1.70 0.00	41.00 1.50 0.00	38.09 1.50 0.00	34.72 1.27 0.00	34.71 1.24 0.00	40.11 1.69 0.00	43.17 1.66 0.00	46.00 1.81 0.00	47.87 1.44 0.00	48.98 1.05 0.00	50.75 1.05 0.00	52.64 1.41 0.79	54.98 1.44 2.11	57.92 1.67 3.66	60.59 1.98 5.18	59.96 1.73 3.70	65.37 1.96 6.72	72.74 2.39 6.59	73.27 2.87 7.10	80.90 3.63 0.00	72.89 3.87 1.37	62.17 2.45 0.02	53.46 2.15 0.00	50.68 1.95 0.00
CPV_VALLEY__CC1 323721	47.29 2.42 0.00	41.75 2.25 0.00	38.60 2.01 0.00	35.26 1.81 0.00	35.28 1.81 0.00	40.58 2.15 0.00	44.04 2.53 0.00	47.01 2.83 0.00	49.36 2.93 0.00	50.80 2.88 0.00	52.93 3.23 0.00	55.57 3.54 0.00	59.76 4.12 0.00	64.58 4.68 0.00	69.54 5.74 0.00	73.74 5.82 -5.99	79.97 6.67 -3.18	97.88 7.00 -13.94	98.20 7.52 -13.19	84.37 7.10 0.00	75.74 5.35 0.00	63.45 3.71 0.00	54.28 2.97 0.00	51.21 2.48 0.00
CPV_VALLEY__CC2 323722	47.29 2.42 0.00	41.75 2.25 0.00	38.60 2.01 0.00	35.26 1.81 0.00	35.28 1.81 0.00	40.58 2.15 0.00	44.04 2.53 0.00	47.01 2.83 0.00	49.36 2.93 0.00	50.80 2.88 0.00	52.93 3.23 0.00	55.57 3.54 0.00	59.76 4.12 0.00	64.58 4.68 0.00	69.54 5.74 0.00	73.74 5.82 -5.99	79.97 6.67 -3.18	97.88 7.00 -13.94	98.20 7.52 -13.19	84.37 7.10 0.00	75.74 5.35 0.00	63.45 3.71 0.00	54.28 2.97 0.00	51.21 2.48 0.00
CRESCENT__HYD 24018	46.75 1.88 0.00	41.28 1.78 0.00	38.31 1.72 0.00	34.99 1.54 0.00	34.98 1.51 0.00	40.19 1.77 0.00	43.46 1.95 0.00	46.22 2.03 0.00	48.43 2.00 0.00	49.94 2.01 0.00	51.79 2.09 0.00	54.27 2.24 0.00	58.15 2.51 0.00	62.66 2.76 0.00	67.17 3.38 0.00	64.64 3.53 0.81	74.71 4.00 -0.59	84.14 4.62 -2.59	85.14 5.19 -2.45	82.36 5.10 0.00	81.34 4.08 -6.87	62.73 2.99 0.00	53.56 2.25 0.00	50.58 1.85 0.00
CRICKET__VALLEY_CC1 323756	47.47 2.60 0.00	41.99 2.49 0.00	38.86 2.27 0.00	35.46 2.01 0.00	35.48 2.01 0.00	40.77 2.34 0.00	44.25 2.74 0.00	47.19 3.01 0.00	49.45 3.02 0.00	50.99 3.07 0.00	53.09 3.38 0.00	55.67 3.64 0.00	59.93 4.28 0.00	64.64 4.73 0.00	69.66 5.87 0.00	74.07 6.07 -6.06	81.75 6.94 -4.68	104.91 7.46 -20.51	104.95 8.06 -19.40	84.84 7.58 0.00	76.17 5.77 0.00	63.81 4.06 0.00	54.33 3.03 0.00	51.21 2.48 0.00
CRICKET__VALLEY_CC2 323757	47.47 2.60 0.00	41.99 2.49 0.00	38.86 2.27 0.00	35.46 2.01 0.00	35.48 2.01 0.00	40.77 2.34 0.00	44.25 2.74 0.00	47.19 3.01 0.00	49.45 3.02 0.00	50.99 3.07 0.00	53.09 3.38 0.00	55.67 3.64 0.00	59.93 4.28 0.00	64.64 4.73 0.00	69.66 5.87 0.00	74.07 6.07 -6.06	81.75 6.94 -4.68	104.91 7.46 -20.51	104.95 8.06 -19.40	84.84 7.58 0.00	76.17 5.77 0.00	63.81 4.06 0.00	54.33 3.03 0.00	51.21 2.48 0.00
CRICKET__VALLEY_CC3 323758	47.47 2.60 0.00	41.99 2.49 0.00	38.86 2.27 0.00	35.46 2.01 0.00	35.48 2.01 0.00	40.77 2.34 0.00	44.25 2.74 0.00	47.19 3.01 0.00	49.45 3.02 0.00	50.99 3.07 0.00	53.09 3.38 0.00	55.67 3.64 0.00	59.93 4.28 0.00	64.64 4.73 0.00	69.66 5.87 0.00	74.07 6.07 -6.06	81.75 6.94 -4.68	104.91 7.46 -20.51	104.95 8.06 -19.40	84.84 7.58 0.00	76.17 5.77 0.00	63.81 4.06 0.00	54.33 3.03 0.00	51.21 2.48 0.00
CRUCIBLE_METL_DRP 24180	45.04 0.18 0.00	39.58 0.08 0.00	36.59 0.00 0.00	33.42 -0.03 0.00	33.47 0.00 0.00	38.43 0.00 0.00	41.51 0.00 0.00	44.23 0.04 0.00	46.62 0.19 0.00	48.26 0.34 0.00	50.05 0.35 0.00	52.39 0.36 0.00	56.09 0.45 0.00	60.02 0.12 0.00	64.18 0.38 0.00	62.76 0.06 -0.77	70.41 0.28 0.00	77.32 0.38 0.00	78.20 0.70 0.00	77.81 0.54 0.00	70.89 0.49 0.00	60.28 0.54 0.00	51.72 0.41 0.00	49.16 0.44 0.00
DAHOWA__HYDRO 323763	47.24 2.38 0.00	41.71 2.21 0.00	38.64 2.05 0.00	35.22 1.77 0.00	35.21 1.74 0.00	40.58 2.15 0.00	43.79 2.28 0.00	46.57 2.38 0.00	48.80 2.37 0.00	50.27 2.35 0.00	51.84 2.14 0.00	54.27 2.24 0.00	57.93 2.28 0.00	62.48 2.57 0.00	66.92 3.13 0.00	63.99 3.10 1.03	74.14 3.57 -0.44	83.39 4.54 -1.91	84.81 5.50 -1.81	82.83 5.57 0.00	78.88 4.72 -3.76	63.39 3.64 0.00	54.23 2.92 0.00	51.01 2.29 0.00
DANC__LFGE 323619	45.76 0.90 0.00	40.13 0.63 0.00	36.96 0.37 0.00	33.72 0.27 0.00	33.81 0.33 0.00	39.00 0.58 0.00	42.05 0.54 0.00	44.85 0.66 0.00	47.08 0.65 0.00	48.59 0.67 0.00	50.20 0.50 0.00	52.40 0.37 0.00	55.81 0.17 0.00	59.96 0.06 0.00	63.73 -0.06 0.00	62.05 -0.37 -0.49	69.78 -0.35 0.00	76.86 -0.08 0.00	78.35 0.85 0.00	78.58 1.31 0.00	71.73 1.33 0.00	60.88 1.13 0.00	52.43 1.13 0.00	49.89 1.17 0.00
DANSKAMMER__1 23586	48.18 3.32 0.00	42.50 3.00 0.00	39.26 2.67 0.00	35.83 2.38 0.00	35.81 2.34 0.00	41.31 2.88 0.00	44.83 3.32 0.00	47.89 3.71 0.00	50.33 3.90 0.00	51.76 3.84 0.00	53.98 4.28 0.00	56.71 4.68 0.00	61.04 5.40 0.00	65.95 6.05 0.00	71.00 7.21 0.00	75.37 7.12 -6.32	81.98 8.13 -3.72	101.86 8.62 -16.31	102.07 9.14 -15.43	86.30 9.04 0.00	77.50 7.11 0.00	64.82 5.08 0.00	55.46 4.15 0.00	52.28 3.55 0.00
DANSKAMMER__2 23589	48.18 3.32 0.00	42.50 3.00 0.00	39.26 2.67 0.00	35.83 2.38 0.00	35.81 2.34 0.00	41.31 2.88 0.00	44.83 3.32 0.00	47.89 3.71 0.00	50.33 3.90 0.00	51.76 3.84 0.00	53.98 4.28 0.00	56.71 4.68 0.00	61.04 5.40 0.00	65.95 6.05 0.00	71.00 7.21 0.00	75.37 7.12 -6.32	81.98 8.13 -3.72	101.86 8.62 -16.31	102.07 9.14 -15.43	86.30 9.04 0.00	77.50 7.11 0.00	64.82 5.08 0.00	55.46 4.15 0.00	52.28 3.55 0.00
DANSKAMMER__3 23590	48.18 3.32 0.00	42.50 3.00 0.00	39.26 2.67 0.00	35.83 2.38 0.00	35.81 2.34 0.00	41.31 2.88 0.00	44.83 3.32 0.00	47.89 3.71 0.00	50.33 3.90 0.00	51.76 3.84 0.00	53.98 4.28 0.00	56.71 4.68 0.00	61.04 5.40 0.00	65.95 6.05 0.00	71.00 7.21 0.00	75.37 7.12 -6.32	81.98 8.13 -3.72	101.86 8.62 -16.31	102.07 9.14 -15.43	86.30 9.04 0.00	77.50 7.11 0.00	64.82 5.08 0.00	55.46 4.15 0.00	52.28 3.55 0.00

DANSKAMMER___4 23591	48.18 3.32 0.00	42.50 3.00 0.00	39.26 2.67 0.00	35.83 2.38 0.00	35.81 2.34 0.00	41.31 2.88 0.00	44.83 3.32 0.00	47.89 3.71 0.00	50.33 3.90 0.00	51.76 3.84 0.00	53.98 4.28 0.00	56.71 4.68 0.00	61.04 5.40 0.00	65.95 6.05 0.00	71.00 7.21 0.00	75.37 7.12 -6.32	81.98 8.13 -3.72	101.86 8.62 -16.31	102.07 9.14 -15.43	86.30 9.04 0.00	77.50 7.11 0.00	64.82 5.08 0.00	55.46 4.15 0.00	52.28 3.55 0.00
DANSKAMMER___DIESEL 23592	48.23 3.36 0.00	42.51 3.00 0.00	39.26 2.67 0.00	35.83 2.38 0.00	35.82 2.34 0.00	41.31 2.88 0.00	44.83 3.32 0.00	47.89 3.71 0.00	50.33 3.90 0.00	51.76 3.83 0.00	53.98 4.27 0.00	56.71 4.68 0.00	61.04 5.40 0.00	66.13 6.23 0.00	71.00 7.21 0.00	75.37 7.12 -6.32	81.98 8.13 -3.72	102.10 8.85 -16.31	102.07 9.14 -15.43	86.07 8.81 0.00	77.43 7.04 0.00	64.76 5.02 0.00	55.41 4.10 0.00	52.28 3.56 0.00
DARBY___SOLAR 323810	47.15 2.29 0.00	41.60 2.09 0.00	38.53 1.94 0.00	35.16 1.71 0.00	35.14 1.67 0.00	40.50 2.07 0.00	43.71 2.20 0.00	46.44 2.25 0.00	48.71 2.27 0.00	50.18 2.25 0.00	51.74 2.04 0.00	54.16 2.13 0.00	57.87 2.23 0.00	62.42 2.52 0.00	66.86 3.06 0.00	64.03 3.10 0.99	74.16 3.57 -0.46	83.43 4.46 -2.03	84.76 5.34 -1.92	82.67 5.41 0.00	79.06 4.51 -4.16	63.21 3.46 0.00	54.07 2.77 0.00	50.92 2.19 0.00
DASHVILLE___HYD 23610	47.60 2.74 0.00	41.95 2.45 0.00	38.79 2.20 0.00	35.43 1.97 0.00	35.41 1.94 0.00	40.77 2.34 0.00	44.21 2.70 0.00	47.19 3.00 0.00	49.50 3.06 0.00	50.89 2.97 0.00	53.03 3.33 0.00	56.10 4.27 0.19	60.03 4.90 0.51	64.65 5.63 0.89	69.11 6.57 1.26	72.73 6.50 -4.30	78.04 7.43 -0.48	92.61 8.00 -7.67	92.76 8.21 -7.04	84.53 7.26 0.00	76.53 6.48 0.34	63.92 4.18 0.01	54.69 3.39 0.00	51.60 2.87 0.00
DELAWARE___LFGE 323621	46.66 1.79 0.00	41.04 1.54 0.00	38.05 1.46 0.00	34.82 1.37 0.00	34.84 1.37 0.00	40.15 1.73 0.00	43.29 1.78 0.00	46.08 1.90 0.00	48.52 2.09 0.00	50.08 2.16 0.00	51.99 2.29 0.00	54.53 2.50 0.00	58.37 2.73 0.00	62.90 3.00 0.00	67.37 3.57 0.00	68.58 3.47 -3.19	74.47 3.93 -0.42	83.17 4.39 -1.85	83.97 4.73 -1.75	81.67 4.40 0.00	74.06 3.66 0.00	62.49 2.75 0.00	53.56 2.26 0.00	50.72 2.00 0.00
DERFIELD_115KV_TB7 355931	45.13 0.27 0.00	39.74 0.24 0.00	36.81 0.22 0.00	33.65 0.20 0.00	33.67 0.20 0.00	38.69 0.27 0.00	41.80 0.29 0.00	44.49 0.31 0.00	46.76 0.33 0.00	48.26 0.34 0.00	50.05 0.35 0.00	52.45 0.42 0.00	56.09 0.45 0.00	60.38 0.48 0.00	64.43 0.64 0.00	62.55 0.62 0.00	70.83 0.70 0.00	77.71 0.77 0.00	78.43 0.93 0.00	78.12 0.85 0.00	71.03 0.63 0.00	60.16 0.42 0.00	51.66 0.36 0.00	49.02 0.29 0.00
DOGLEVILLE___HYD 23807	45.54 0.67 0.00	40.06 0.55 0.00	37.07 0.48 0.00	33.85 0.40 0.00	33.87 0.40 0.00	39.00 0.58 0.00	42.09 0.58 0.00	44.80 0.62 0.00	47.13 0.70 0.00	48.64 0.72 0.00	50.40 0.70 0.00	52.71 0.68 0.00	56.31 0.67 0.00	60.62 0.72 0.00	64.56 0.77 0.00	62.73 0.81 0.00	70.90 0.77 0.00	77.94 1.00 0.00	78.66 1.16 0.00	78.50 1.24 0.00	71.38 0.99 0.00	60.58 0.84 0.00	52.02 0.72 0.00	49.26 0.54 0.00
DUNKIRK___115KV_TB_200 55889	44.73 -0.13 0.00	39.03 -0.47 0.00	35.57 -1.02 0.00	32.65 -0.80 0.00	32.50 -0.97 0.00	37.31 -1.11 0.00	40.14 -1.37 0.00	42.33 -1.86 0.00	44.99 -1.44 0.00	47.20 -0.72 0.00	48.91 -0.80 0.00	51.35 -0.68 0.00	54.70 -0.95 0.00	58.47 -1.44 0.00	63.28 -0.51 0.00	61.46 -1.67 -1.21	69.85 -0.28 0.00	76.71 -0.23 0.00	78.51 1.01 0.00	77.57 0.31 0.00	70.39 0.00 0.00	59.93 0.18 0.00	51.97 0.67 0.00	50.33 1.61 0.00
DUNKIRK___1 23563	44.73 -0.13 0.00	39.03 -0.47 0.00	35.57 -1.02 0.00	32.65 -0.80 0.00	32.50 -0.97 0.00	37.31 -1.11 0.00	40.14 -1.37 0.00	42.33 -1.86 0.00	44.99 -1.44 0.00	47.20 -0.72 0.00	48.91 -0.80 0.00	51.35 -0.68 0.00	54.70 -0.95 0.00	58.47 -1.44 0.00	63.28 -0.51 0.00	61.46 -1.67 -1.21	69.85 -0.28 0.00	76.71 -0.23 0.00	78.51 1.01 0.00	77.57 0.31 0.00	70.39 0.00 0.00	59.93 0.18 0.00	51.97 0.67 0.00	50.33 1.61 0.00
DUNKIRK___2 23564	44.73 -0.13 0.00	39.03 -0.47 0.00	35.57 -1.02 0.00	32.65 -0.80 0.00	32.50 -0.97 0.00	37.31 -1.11 0.00	40.14 -1.37 0.00	42.33 -1.86 0.00	44.99 -1.44 0.00	47.20 -0.72 0.00	48.91 -0.80 0.00	51.35 -0.68 0.00	54.70 -0.95 0.00	58.47 -1.44 0.00	63.28 -0.51 0.00	61.46 -1.67 -1.21	69.85 -0.28 0.00	76.71 -0.23 0.00	78.51 1.01 0.00	77.57 0.31 0.00	70.39 0.00 0.00	59.93 0.18 0.00	51.97 0.67 0.00	50.33 1.61 0.00
DUNKIRK___3 23565	44.60 -0.27 0.00	38.91 -0.59 0.00	35.46 -1.13 0.00	32.55 -0.90 0.00	32.43 -1.04 0.00	37.20 -1.23 0.00	39.93 -1.58 0.00	42.15 -2.03 0.00	44.76 -1.67 0.00	46.96 -0.96 0.00	48.66 -1.04 0.00	51.09 -0.94 0.00	54.42 -1.22 0.00	58.23 -1.68 0.00	63.03 -0.77 0.00	61.21 -1.92 -1.20	69.49 -0.63 0.00	76.17 -0.77 0.00	77.89 0.39 0.00	77.03 -0.23 0.00	69.90 -0.49 0.00	59.51 -0.24 0.00	51.66 0.36 0.00	50.04 1.32 0.00
DUNKIRK___4 23566	44.60 -0.27 0.00	38.91 -0.59 0.00	35.46 -1.13 0.00	32.55 -0.90 0.00	32.43 -1.04 0.00	37.20 -1.23 0.00	39.93 -1.58 0.00	42.15 -2.03 0.00	44.76 -1.67 0.00	46.96 -0.96 0.00	48.66 -1.04 0.00	51.09 -0.94 0.00	54.42 -1.22 0.00	58.23 -1.68 0.00	63.03 -0.77 0.00	61.21 -1.92 -1.20	69.49 -0.63 0.00	76.17 -0.77 0.00	77.89 0.39 0.00	77.03 -0.23 0.00	69.90 -0.49 0.00	59.51 -0.24 0.00	51.66 0.36 0.00	50.04 1.32 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.54 3.68 0.00	42.86 3.36 0.00	39.59 3.00 0.00	36.10 2.64 0.00	36.08 2.61 0.00	41.58 3.15 0.00	45.25 3.74 0.00	48.34 4.15 0.00	50.80 4.36 0.00	52.28 4.36 0.00	54.52 4.82 0.00	57.23 5.20 0.00	61.65 6.01 0.00	66.79 6.89 0.00	71.83 8.04 0.00	116.95 8.17 -46.85	138.99 9.40 -59.47	175.08 10.23 -87.91	120.38 10.54 -32.34	86.69 9.43 0.00	77.86 7.46 0.00	65.00 5.26 0.00	55.51 4.21 0.00	52.38 3.65 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.91 3.05 0.00	42.23 2.73 0.00	39.04 2.45 0.00	35.63 2.17 0.00	35.61 2.14 0.00	41.04 2.61 0.00	44.58 3.07 0.00	47.63 3.45 0.00	50.01 3.58 0.00	51.47 3.55 0.00	53.63 3.93 0.00	56.35 4.32 0.00	60.60 4.95 0.00	65.60 5.69 0.00	70.49 6.70 0.00	74.86 6.69 -6.25	81.25 7.64 -3.48	100.57 8.39 -15.25	100.52 8.60 -14.42	85.38 8.11 0.00	76.87 6.48 0.00	64.29 4.54 0.00	55.05 3.75 0.00	51.89 3.17 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	49.04 4.17 0.00	43.18 3.67 0.00	39.88 3.29 0.00	36.33 2.88 0.00	36.32 2.85 0.00	41.73 3.30 0.00	45.54 4.03 0.00	48.65 4.46 0.00	51.14 4.69 -0.02	53.95 4.60 -1.43	54.96 5.17 -0.09	57.61 5.57 -0.02	61.99 6.34 0.00	67.39 7.49 0.00	72.34 8.55 0.00	117.32 8.55 -46.85	139.34 9.75 -59.47	175.39 10.54 -87.91	120.52 10.69 -32.33	86.93 9.66 -0.01	78.00 7.60 0.00	64.94 5.20 0.00	56.02 4.72 0.00	52.82 4.09 0.00

E179THST_13_KV_LOAD 356214	49.35 4.49 0.00	43.45 3.95 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.52 3.05 0.00	41.96 3.54 0.00	45.83 4.32 0.00	48.95 4.77 0.00	51.47 5.01 -0.02	54.29 4.94 -1.43	55.31 5.52 -0.09	58.03 5.98 -0.02	62.43 6.79 0.00	67.87 7.97 0.00	72.85 9.06 0.00	117.82 9.04 -46.85	139.90 10.31 -59.47	176.00 11.16 -87.91	121.14 11.31 -32.33	87.63 10.35 -0.01	78.56 8.17 0.00	65.42 5.68 0.00	56.38 5.08 0.00	53.21 4.48 0.00
EAST HAMPTON___GT 23717	50.62 5.74 -0.01	44.73 5.06 -0.17	40.88 4.28 -0.01	37.08 3.61 -0.01	37.23 3.75 -0.01	42.85 4.42 -0.01	46.75 5.23 -0.01	49.76 5.57 -0.01	51.68 5.25 0.00	53.68 5.70 -0.05	54.37 5.02 0.35	57.23 5.72 0.53	62.11 7.12 0.66	69.57 8.63 -1.04	78.32 10.52 -4.01	119.19 10.40 -46.86	141.81 12.20 -59.48	178.25 13.39 -87.93	141.03 13.95 -49.59	91.39 12.67 -1.45	79.34 8.94 0.00	66.42 5.97 -0.70	57.53 5.08 -1.14	52.63 4.87 0.96
EAST RIVER___6 23660	48.95 4.08 0.00	43.22 3.71 0.00	39.92 3.33 0.00	36.29 2.84 0.00	36.25 2.78 0.00	41.77 3.34 0.00	45.58 4.07 0.00	48.78 4.59 0.00	51.32 4.87 -0.01	54.21 4.94 -1.35	55.25 5.47 -0.08	57.87 5.83 -0.01	62.32 6.67 0.00	67.33 7.43 0.00	72.66 8.86 0.00	117.63 8.86 -46.84	139.62 10.03 -59.47	175.53 10.69 -87.90	120.98 11.16 -32.32	87.54 10.28 0.00	78.28 7.88 0.00	65.42 5.68 0.00	55.97 4.67 0.00	52.72 4.00 0.00
EAST RIVER___7 23524	48.95 4.08 0.00	43.22 3.71 0.00	39.92 3.33 0.00	36.29 2.84 0.00	36.25 2.78 0.00	41.77 3.34 0.00	45.58 4.07 0.00	48.78 4.59 0.00	51.32 4.87 -0.01	54.21 4.94 -1.35	55.25 5.47 -0.08	57.87 5.83 -0.01	62.32 6.67 0.00	67.33 7.43 0.00	72.66 8.86 0.00	117.63 8.86 -46.84	139.62 10.03 -59.47	175.53 10.69 -87.90	120.98 11.16 -32.32	87.54 10.28 0.00	78.28 7.88 0.00	65.42 5.68 0.00	55.97 4.67 0.00	52.72 4.00 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	48.41 3.54 0.00	42.70 3.20 0.00	39.48 2.89 0.00	36.00 2.54 0.00	35.98 2.51 0.00	41.46 3.04 0.00	45.08 3.57 0.00	48.20 4.02 0.00	50.61 4.18 0.00	52.14 4.17 -0.05	54.33 4.62 0.00	57.03 4.99 0.00	61.43 5.79 0.00	66.55 6.65 0.00	71.58 7.78 0.00	116.69 7.93 -46.84	138.70 9.12 -59.46	174.74 9.93 -87.88	120.02 10.23 -32.30	86.46 9.19 0.00	77.65 7.25 0.00	64.76 5.02 0.00	55.36 4.05 0.00	52.23 3.51 0.00
EAST_HAMPTON___DIESEL 23722	50.53 5.65 -0.01	44.65 4.98 -0.17	40.80 4.21 -0.01	37.01 3.54 -0.01	37.16 3.68 -0.01	42.77 4.34 -0.01	46.66 5.15 -0.01	49.67 5.48 -0.01	51.59 5.15 0.00	53.58 5.60 -0.05	54.23 4.87 0.35	57.13 5.62 0.53	61.94 6.95 0.66	69.39 8.45 -1.04	78.13 10.33 -4.01	119.00 10.22 -46.86	141.59 11.99 -59.48	178.02 13.15 -87.93	140.80 13.72 -49.59	91.23 12.52 -1.45	79.13 8.73 0.00	66.24 5.79 -0.70	57.42 4.98 -1.14	52.54 4.78 0.96
EAST_POINT___SOLAR 323840	48.54 3.68 0.00	42.66 3.16 0.00	39.45 2.86 0.00	35.99 2.54 0.00	36.01 2.54 0.00	41.69 3.26 0.00	44.71 3.20 0.00	47.05 2.87 0.00	48.94 2.51 0.00	50.22 2.30 0.00	51.89 2.18 0.00	54.11 2.08 0.00	57.59 1.95 0.00	61.88 1.97 0.00	66.41 2.62 0.00	63.99 2.79 0.73	73.68 3.30 -0.25	82.82 4.77 -1.11	84.82 6.27 -1.05	84.68 7.42 0.00	77.82 6.83 -0.60	65.30 5.56 0.00	55.97 4.67 0.00	52.57 3.85 0.00
EAST_PULASKI___ESR 323781	45.00 0.13 0.00	39.50 0.00 0.00	36.44 -0.15 0.00	33.32 -0.13 0.00	33.34 -0.13 0.00	38.39 -0.04 0.00	41.43 -0.08 0.00	44.14 -0.04 0.00	46.39 -0.05 0.00	47.97 0.05 0.00	49.60 -0.10 0.00	51.72 -0.31 0.00	55.26 -0.39 0.00	59.42 -0.48 0.00	63.35 -0.44 0.00	61.74 -0.74 -0.55	69.42 -0.70 0.00	76.32 -0.62 0.00	77.50 0.00 0.00	77.42 0.15 0.00	70.54 0.14 0.00	59.75 0.00 0.00	51.41 0.10 0.00	49.07 0.34 0.00
EAST_RIVER___1 323558	48.81 3.95 0.00	43.10 3.59 0.00	39.81 3.22 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.77 3.34 0.00	45.53 4.03 0.00	48.73 4.55 0.00	51.23 4.78 -0.01	54.06 4.79 -1.35	55.05 5.27 -0.08	57.72 5.67 -0.01	62.15 6.51 0.00	67.09 7.19 0.00	72.40 8.61 0.00	117.44 8.67 -46.84	139.48 9.89 -59.47	175.30 10.46 -87.90	120.82 11.00 -32.32	87.46 10.20 0.00	78.21 7.81 0.00	65.30 5.56 0.00	55.87 4.56 0.00	52.62 3.90 0.00
EAST_RIVER___2 323559	48.95 4.08 0.00	43.22 3.71 0.00	39.92 3.33 0.00	36.29 2.84 0.00	36.25 2.78 0.00	41.77 3.34 0.00	45.58 4.07 0.00	48.78 4.59 0.00	51.32 4.87 -0.01	54.21 4.94 -1.35	55.25 5.47 -0.08	57.87 5.83 -0.01	62.32 6.67 0.00	67.33 7.43 0.00	72.66 8.86 0.00	117.63 8.86 -46.84	139.62 10.03 -59.47	175.53 10.69 -87.90	120.98 11.16 -32.32	87.54 10.28 0.00	78.28 7.88 0.00	65.42 5.68 0.00	55.97 4.67 0.00	52.72 4.00 0.00
EAST___DELAWARE_HYD 23607	47.60 2.74 0.00	41.95 2.45 0.00	38.75 2.16 0.00	35.36 1.91 0.00	35.35 1.87 0.00	40.81 2.38 0.00	44.25 2.74 0.00	47.32 3.14 0.00	49.73 3.30 0.00	51.13 3.21 0.00	53.23 3.53 0.00	55.87 3.90 0.06	60.04 4.56 0.17	64.64 5.03 0.29	69.44 6.06 0.42	73.43 6.01 -5.50	79.22 6.88 -2.22	95.81 7.31 -11.56	96.19 7.82 -10.86	85.30 8.04 0.00	76.66 6.26 0.00	64.23 4.48 0.00	55.00 3.70 0.00	51.80 3.07 0.00
EIGHT_POINT___WT_PWR 323820	44.95 0.09 0.00	39.07 -0.43 0.00	35.93 -0.66 0.00	32.92 -0.54 0.00	32.84 -0.64 0.00	37.74 -0.69 0.00	40.64 -0.87 0.00	42.77 -1.42 0.00	45.37 -1.07 0.00	46.97 -0.96 0.00	48.36 -1.34 0.00	50.89 -1.14 0.00	54.20 -1.45 0.00	58.64 -1.26 0.00	62.71 -1.08 0.00	61.43 -2.04 -1.54	69.13 -1.19 -0.19	76.63 -1.15 -0.84	78.68 0.39 -0.80	78.04 0.77 0.00	71.17 0.78 0.00	60.40 0.66 0.00	52.18 0.87 0.00	50.14 1.41 0.00
ELBRIDGE_115KV_TB2 80188	44.82 -0.04 0.00	39.38 -0.12 0.00	36.37 -0.22 0.00	33.25 -0.20 0.00	33.27 -0.20 0.00	38.23 -0.19 0.00	41.26 -0.25 0.00	43.96 -0.22 0.00	46.34 -0.09 0.00	47.92 0.00 0.00	49.70 0.00 0.00	52.08 0.05 0.00	55.70 0.06 0.00	59.84 -0.06 0.00	64.05 0.26 0.00	62.69 -0.06 -0.82	70.34 0.21 0.00	77.25 0.31 0.00	78.12 0.62 0.00	77.73 0.46 0.00	70.75 0.35 0.00	59.93 0.18 0.00	51.46 0.15 0.00	48.92 0.19 0.00
ELEC_TRO_TEK 24086	49.22 4.35 0.00	43.58 3.91 -0.17	40.14 3.55 0.00	36.60 3.14 0.00	36.58 3.11 0.00	42.15 3.73 0.00	45.83 4.32 0.00	48.95 4.77 0.00	51.03 4.60 0.00	52.96 4.98 -0.05	54.32 4.62 0.00	57.18 5.15 0.00	61.82 6.18 0.00	75.38 7.37 -8.10	104.03 8.68 -31.56	117.26 8.48 -46.85	139.48 9.89 -59.47	175.77 10.93 -87.91	121.06 11.24 -32.32	98.87 10.20 -11.41	78.14 7.74 0.00	65.12 5.38 0.00	69.36 4.98 -13.08	53.01 4.14 -0.14
ELLENBURG_WT_PWR 323604	44.33 -0.54 0.00	39.03 -0.47 0.00	36.15 -0.44 0.00	33.02 -0.44 0.00	33.10 -0.37 0.00	37.97 -0.46 0.00	41.14 -0.37 0.00	43.70 -0.49 0.00	45.78 -0.65 0.00	46.97 -0.96 0.00	48.46 -1.24 0.00	50.57 -1.46 0.00	53.53 -2.11 0.00	57.33 -2.57 0.00	60.67 -3.12 0.00	58.90 -3.03 0.00	66.62 -3.50 0.00	73.55 -3.38 0.00	73.55 -3.95 0.00	73.87 -3.40 0.00	67.79 -2.60 0.00	57.89 -1.85 0.00	49.87 -1.44 0.00	47.70 -1.03 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	44.42 -0.45 0.00	38.79 -0.71 0.00	35.38 -1.21 0.00	32.45 -1.00 0.00	32.30 -1.17 0.00	37.00 -1.42 0.00	39.60 -1.91 0.00	41.66 -2.52 0.00	44.30 -2.14 0.00	46.53 -1.39 0.00	48.21 -1.49 0.00	50.63 -1.40 0.00	53.92 -1.72 0.00	57.57 -2.34 0.00	62.33 -1.47 0.00	60.46 -2.60 -1.14	68.65 -1.47 0.00	75.01 -1.92 0.00	76.72 -0.77 0.00	75.80 -1.47 0.00	68.92 -1.48 0.00	58.73 -1.02 0.00	51.05 -0.26 0.00	49.55 0.83 0.00
EMPIRE_CC_1 323656	45.31 0.45 0.00	40.06 0.55 0.00	37.32 0.73 0.00	34.19 0.74 0.00	34.18 0.70 0.00	39.12 0.69 0.00	42.21 0.70 0.00	44.93 0.75 0.00	47.04 0.60 0.00	48.45 0.53 0.00	50.40 0.70 0.00	52.76 0.73 0.00	56.48 0.84 0.00	60.86 0.96 0.00	65.26 1.47 0.00	62.33 1.61 1.21	72.47 1.75 -0.59	81.36 1.84 -2.58	82.19 2.25 -2.44	79.27 2.01 0.00	70.63 1.33 1.10	60.47 0.72 0.00	51.87 0.57 0.00	49.07 0.34 0.00
EMPIRE_CC_2 323658	45.31 0.45 0.00	40.06 0.55 0.00	37.32 0.73 0.00	34.19 0.74 0.00	34.18 0.70 0.00	39.12 0.69 0.00	42.21 0.70 0.00	44.93 0.75 0.00	47.04 0.60 0.00	48.45 0.53 0.00	50.40 0.70 0.00	52.76 0.73 0.00	56.48 0.84 0.00	60.86 0.96 0.00	65.26 1.47 0.00	62.33 1.61 1.21	72.47 1.75 -0.59	81.36 1.84 -2.58	82.19 2.25 -2.44	79.27 2.01 0.00	70.63 1.33 1.10	60.47 0.72 0.00	51.87 0.57 0.00	49.07 0.34 0.00
ENORWICH_115KV_TB1 80156	48.23 3.36 0.00	42.23 2.73 0.00	38.97 2.38 0.00	35.56 2.11 0.00	35.65 2.18 0.00	41.27 2.84 0.00	44.42 2.91 0.00	47.45 3.27 0.00	50.15 3.71 0.00	51.81 3.88 0.00	53.38 3.68 0.00	55.93 3.90 0.00	59.43 3.78 0.00	63.92 4.01 0.00	68.20 4.40 0.00	67.99 3.78 -2.28	74.90 4.49 -0.29	83.75 5.54 -1.27	85.68 6.97 -1.21	84.45 7.19 0.00	77.01 6.62 0.00	65.30 5.56 0.00	56.02 4.72 0.00	53.16 4.43 0.00
ERIE_ST__34_KV_TB1-2 80199	44.28 -0.58 0.00	38.67 -0.83 0.00	35.20 -1.39 0.00	32.35 -1.10 0.00	32.17 -1.31 0.00	36.85 -1.58 0.00	39.56 -1.95 0.00	41.75 -2.43 0.00	44.39 -2.04 0.00	46.63 -1.29 0.00	48.26 -1.44 0.00	50.68 -1.35 0.00	54.09 -1.56 0.00	57.87 -2.04 0.00	62.71 -1.08 0.00	60.77 -2.35 -1.19	69.21 -0.91 0.00	75.63 -1.31 0.00	77.34 -0.15 0.00	76.34 -0.93 0.00	69.27 -1.13 0.00	58.97 -0.78 0.00	51.15 -0.15 0.00	49.60 0.88 0.00
ERIE_WT_PWR 323693	44.60 -0.27 0.00	38.87 -0.63 0.00	35.42 -1.17 0.00	32.55 -0.90 0.00	32.43 -1.04 0.00	37.04 -1.38 0.00	39.68 -1.83 0.00	41.84 -2.34 0.00	44.57 -1.86 0.00	46.87 -1.05 0.00	48.36 -1.34 0.00	50.93 -1.10 0.00	54.09 -1.56 0.00	58.47 -1.44 0.00	62.58 -1.21 0.00	60.69 -2.42 -1.18	69.00 -1.12 0.00	75.40 -1.54 0.00	77.11 -0.39 0.00	76.18 -1.08 0.00	69.27 -1.13 0.00	59.03 -0.71 0.00	51.36 0.05 0.00	49.75 1.02 0.00
ESPRGFLD_115KV_TB1 80157	47.69 2.83 0.00	41.87 2.37 0.00	38.75 2.16 0.00	35.39 1.94 0.00	35.45 1.97 0.00	41.00 2.57 0.00	44.17 2.66 0.00	46.97 2.78 0.00	49.45 3.02 0.00	50.94 3.02 0.00	52.74 3.03 0.00	55.20 3.17 0.00	58.87 3.23 0.00	63.38 3.47 0.00	67.81 4.02 0.00	66.35 3.84 -0.58	74.85 4.42 -0.31	83.68 5.39 -1.36	84.91 6.12 -1.29	83.45 6.18 0.00	76.29 5.49 -0.41	64.17 4.42 0.00	55.00 3.69 0.00	51.89 3.17 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.03 1.17 0.00	40.41 0.91 0.00	37.32 0.73 0.00	34.09 0.64 0.00	34.14 0.67 0.00	39.27 0.85 0.00	42.38 0.87 0.00	45.11 0.93 0.00	47.50 1.07 0.00	49.12 1.20 0.00	50.85 1.14 0.00	53.23 1.20 0.00	56.92 1.28 0.00	61.28 1.38 0.00	65.65 1.85 0.00	64.94 1.36 -1.65	72.37 2.03 -0.21	80.31 2.46 -0.91	81.53 3.18 -0.86	80.36 3.09 0.00	73.07 2.68 0.00	61.78 2.03 0.00	52.95 1.64 0.00	50.38 1.66 0.00
ETNA____115KV_TB2 80207	46.03 1.17 0.00	40.41 0.91 0.00	37.32 0.73 0.00	34.09 0.64 0.00	34.14 0.67 0.00	39.27 0.85 0.00	42.38 0.87 0.00	45.11 0.93 0.00	47.50 1.07 0.00	49.12 1.20 0.00	50.85 1.14 0.00	53.23 1.20 0.00	56.92 1.28 0.00	61.28 1.38 0.00	65.65 1.85 0.00	64.94 1.36 -1.65	72.37 2.03 -0.21	80.31 2.46 -0.91	81.53 3.18 -0.86	80.36 3.09 0.00	73.07 2.68 0.00	61.78 2.03 0.00	52.95 1.64 0.00	50.38 1.66 0.00
EUCLID___115KV_TB2 356179	44.55 -0.31 0.00	39.15 -0.36 0.00	36.19 -0.40 0.00	33.09 -0.37 0.00	33.10 -0.37 0.00	38.00 -0.42 0.00	41.01 -0.50 0.00	43.70 -0.49 0.00	46.06 -0.37 0.00	47.68 -0.24 0.00	49.46 -0.25 0.00	51.82 -0.21 0.00	55.48 -0.17 0.00	59.60 -0.30 0.00	63.73 -0.06 0.00	62.24 -0.31 -0.62	69.99 -0.14 0.00	76.86 -0.08 0.00	77.73 0.23 0.00	77.27 0.00 0.00	70.32 -0.07 0.00	59.51 -0.24 0.00	51.10 -0.21 0.00	48.58 -0.15 0.00
E_CANADA_CAP_HY 24051	48.14 3.27 0.00	42.31 2.81 0.00	39.15 2.56 0.00	35.69 2.24 0.00	35.75 2.28 0.00	41.34 2.92 0.00	44.50 2.99 0.00	47.19 3.01 0.00	49.41 2.97 0.00	50.70 2.78 0.00	52.39 2.68 0.00	54.79 2.76 0.00	58.43 2.78 0.00	62.90 2.99 0.00	67.37 3.57 0.00	64.99 3.47 0.40	74.46 4.07 -0.27	83.41 5.30 -1.17	85.03 6.43 -1.11	84.22 6.96 0.00	77.07 6.12 -0.55	64.70 4.96 0.00	55.46 4.15 0.00	52.18 3.46 0.00
E_CANADA_MHWK_HY 24050	45.49 0.63 0.00	40.06 0.55 0.00	37.06 0.47 0.00	33.86 0.40 0.00	33.88 0.40 0.00	39.00 0.58 0.00	42.09 0.58 0.00	44.80 0.62 0.00	47.13 0.70 0.00	48.64 0.72 0.00	50.40 0.70 0.00	52.70 0.67 0.00	56.31 0.67 0.00	60.56 0.66 0.00	64.56 0.77 0.00	62.73 0.80 0.00	70.90 0.77 0.00	77.86 0.93 0.00	78.66 1.16 0.00	78.50 1.23 0.00	71.38 0.99 0.00	60.64 0.90 0.00	52.02 0.72 0.00	49.26 0.54 0.00
E_FISHKILL___LBMP 23776	47.83 2.96 0.00	42.23 2.73 0.00	39.04 2.45 0.00	35.63 2.17 0.00	35.65 2.18 0.00	41.00 2.57 0.00	44.54 3.03 0.00	47.54 3.36 0.00	49.92 3.48 0.00	51.33 3.40 0.00	53.53 3.83 0.00	56.19 4.16 0.00	60.43 4.79 0.00	65.42 5.51 0.00	70.30 6.51 0.00	115.49 6.63 -46.93	137.22 7.57 -59.52	173.40 8.31 -88.16	118.66 8.60 -32.56	85.07 7.80 0.00	76.52 6.12 0.00	63.99 4.24 0.00	54.69 3.39 0.00	51.65 2.92 0.00
FALCON___SEABRD_CC1 323796	44.50 -0.36 0.00	39.23 -0.27 0.00	36.30 -0.29 0.00	33.15 -0.30 0.00	33.24 -0.23 0.00	38.12 -0.31 0.00	41.30 -0.21 0.00	43.88 -0.31 0.00	45.97 -0.46 0.00	46.91 -1.01 0.00	48.41 -1.29 0.00	50.52 -1.51 0.00	53.03 -2.61 0.00	56.55 -3.35 0.00	59.78 -4.02 0.00	58.03 -3.90 0.00	65.64 -4.49 0.00	72.56 -4.38 0.00	72.54 -4.96 0.00	72.86 -4.40 0.00	67.02 -3.38 0.00	57.18 -2.57 0.00	49.51 -1.80 0.00	47.70 -1.03 0.00
FALCON___SEABRD_CC2 323797	44.50 -0.36 0.00	39.23 -0.27 0.00	36.30 -0.29 0.00	33.15 -0.30 0.00	33.24 -0.23 0.00	38.12 -0.31 0.00	41.30 -0.21 0.00	43.88 -0.31 0.00	45.97 -0.46 0.00	46.91 -1.01 0.00	48.41 -1.29 0.00	50.52 -1.51 0.00	53.03 -2.61 0.00	56.55 -3.35 0.00	59.78 -4.02 0.00	58.03 -3.90 0.00	65.64 -4.49 0.00	72.56 -4.38 0.00	72.54 -4.96 0.00	72.86 -4.40 0.00	67.02 -3.38 0.00	57.18 -2.57 0.00	49.51 -1.80 0.00	47.70 -1.03 0.00

FAR ROCKAWAY___4 23548	50.20 5.34 0.00	44.37 4.70 -0.17	40.83 4.24 0.00	37.23 3.78 0.00	37.22 3.75 0.00	42.84 4.42 0.00	46.62 5.11 0.00	49.75 5.57 0.00	51.87 5.43 0.00	53.97 5.99 -0.05	55.37 5.67 0.00	58.38 6.35 0.00	63.16 7.51 0.00	87.70 8.93 -18.87	147.67 10.33 -73.54	118.87 10.09 -46.85	141.37 11.78 -59.47	177.85 13.00 -87.91	123.23 13.41 -32.32	116.23 12.36 -26.60	79.97 9.57 0.00	66.68 6.93 0.00	87.04 6.31 -29.42	54.73 5.31 -0.69
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	48.86 3.99 0.00	43.10 3.59 0.00	39.81 3.22 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.81 3.38 0.00	45.54 4.03 0.00	48.73 4.55 0.00	51.28 4.83 -0.01	54.19 4.84 -1.42	55.05 5.27 -0.08	57.72 5.67 -0.01	62.10 6.45 0.00	67.27 7.37 0.00	72.41 8.61 0.00	117.44 8.67 -46.84	139.48 9.89 -59.47	175.61 10.77 -87.90	120.82 11.00 -32.32	87.23 9.97 0.00	78.21 7.81 0.00	65.24 5.50 0.00	55.82 4.51 0.00	52.62 3.90 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.86 3.99 0.00	43.10 3.59 0.00	39.85 3.26 0.00	36.30 2.84 0.00	36.28 2.81 0.00	41.81 3.38 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.28 4.83 -0.01	54.19 4.84 -1.42	55.05 5.27 -0.08	57.72 5.67 -0.01	62.10 6.45 0.00	67.27 7.37 0.00	72.41 8.61 0.00	117.44 8.67 -46.84	139.48 9.89 -59.47	175.61 10.77 -87.90	120.82 11.00 -32.32	87.23 9.97 0.00	78.28 7.88 0.00	65.24 5.50 0.00	55.87 4.57 0.00	52.67 3.95 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.81 3.95 0.00	43.06 3.56 0.00	39.81 3.22 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.77 3.34 0.00	45.54 4.03 0.00	48.69 4.51 0.00	51.23 4.78 -0.01	54.14 4.79 -1.42	55.00 5.22 -0.08	57.66 5.62 -0.01	62.04 6.40 0.00	67.27 7.37 0.00	72.34 8.55 0.00	117.38 8.61 -46.84	139.41 9.82 -59.47	175.53 10.69 -87.90	120.75 10.93 -32.32	87.08 9.81 0.00	78.14 7.74 0.00	65.18 5.44 0.00	55.77 4.46 0.00	52.57 3.85 0.00
FARRAGUT___LBMP 323566	48.77 3.90 0.00	43.02 3.52 0.00	39.77 3.18 0.00	36.23 2.78 0.00	36.22 2.74 0.00	41.73 3.30 0.00	45.49 3.98 0.00	48.65 4.46 0.00	51.14 4.69 -0.01	54.09 4.74 -1.42	54.95 5.17 -0.08	57.61 5.57 -0.01	61.99 6.34 0.00	67.15 7.25 0.00	72.22 8.42 0.00	117.26 8.48 -46.84	139.27 9.68 -59.47	175.38 10.54 -87.90	120.67 10.85 -32.32	87.00 9.74 0.00	78.07 7.67 0.00	65.12 5.38 0.00	55.72 4.41 0.00	52.52 3.80 0.00
FENNER___WINDPWR 24204	46.08 1.21 0.00	40.49 0.99 0.00	37.39 0.80 0.00	34.16 0.70 0.00	34.21 0.74 0.00	39.39 0.96 0.00	42.50 0.99 0.00	45.29 1.11 0.00	47.73 1.30 0.00	49.36 1.44 0.00	51.09 1.39 0.00	53.54 1.51 0.00	57.09 1.44 0.00	61.46 1.55 0.00	65.52 1.72 0.00	64.31 1.48 -0.90	71.95 1.82 0.00	79.02 2.08 0.00	80.21 2.71 0.00	80.04 2.78 0.00	72.79 2.39 0.00	61.66 1.91 0.00	52.95 1.64 0.00	50.24 1.51 0.00
FIBERTEK___ENERGY 23856	45.04 0.18 0.00	39.58 0.08 0.00	36.59 0.00 0.00	33.42 -0.03 0.00	33.47 0.00 0.00	38.43 0.00 0.00	41.51 0.00 0.00	44.23 0.04 0.00	46.62 0.19 0.00	48.26 0.34 0.00	50.05 0.35 0.00	52.39 0.36 0.00	56.09 0.45 0.00	60.02 0.12 0.00	64.18 0.38 0.00	62.76 0.06 -0.77	70.41 0.28 0.00	77.32 0.38 0.00	78.20 0.70 0.00	77.81 0.54 0.00	70.89 0.49 0.00	60.28 0.54 0.00	51.72 0.41 0.00	49.16 0.44 0.00
FITZPATRICK___ 23598	43.79 -1.08 0.00	38.52 -0.99 0.00	35.60 -0.99 0.00	32.55 -0.90 0.00	32.57 -0.90 0.00	37.39 -1.04 0.00	40.35 -1.16 0.00	42.99 -1.19 0.00	45.27 -1.16 0.00	46.82 -1.10 0.00	48.56 -1.14 0.00	50.84 -1.19 0.00	54.37 -1.28 0.00	58.53 -1.38 0.00	62.45 -1.34 0.00	60.91 -1.49 -0.47	68.65 -1.48 0.00	75.25 -1.69 0.00	76.11 -1.39 0.00	75.79 -1.47 0.00	68.99 -1.41 0.00	58.37 -1.37 0.00	50.18 -1.13 0.00	47.70 -1.03 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.32 3.45 0.00	42.58 3.08 0.00	39.33 2.74 0.00	35.90 2.44 0.00	35.88 2.41 0.00	41.38 2.96 0.00	44.91 3.40 0.00	48.03 3.84 0.00	50.47 4.04 0.00	51.90 3.98 0.00	54.08 4.37 0.00	56.87 4.84 0.00	61.21 5.56 0.00	66.31 6.41 0.00	71.20 7.40 0.00	75.56 7.31 -6.33	82.29 8.34 -3.82	102.76 9.08 -16.74	102.71 9.38 -15.83	86.31 9.04 0.00	77.65 7.25 0.00	64.88 5.14 0.00	55.51 4.21 0.00	52.38 3.65 0.00
FORT ORANGE___ 23900	45.45 0.58 0.00	40.10 0.59 0.00	37.32 0.73 0.00	34.12 0.67 0.00	34.11 0.63 0.00	39.19 0.77 0.00	42.26 0.75 0.00	45.02 0.84 0.00	46.71 0.28 0.00	48.07 0.14 0.00	50.00 0.30 0.00	52.16 0.26 0.13	55.64 0.34 0.34	59.79 0.48 0.59	63.85 0.89 0.84	61.07 0.99 1.85	70.22 0.98 0.89	77.88 1.16 0.22	78.70 1.55 0.35	78.73 1.46 0.00	69.12 0.91 2.19	60.16 0.42 0.00	51.56 0.26 0.00	48.87 0.15 0.00
FORT_DRUM_COGEN 23780	46.75 1.88 0.00	40.97 1.46 0.00	37.58 0.99 0.00	34.26 0.80 0.00	34.38 0.90 0.00	39.81 1.38 0.00	42.88 1.37 0.00	45.77 1.59 0.00	48.06 1.63 0.00	49.46 1.53 0.00	50.95 1.24 0.00	53.17 1.14 0.00	56.48 0.83 0.00	60.50 0.60 0.00	64.18 0.38 0.00	62.39 0.06 -0.40	70.20 0.07 0.00	77.48 0.54 0.00	79.36 1.86 0.00	79.89 2.63 0.00	73.14 2.75 0.00	62.32 2.57 0.00	53.66 2.36 0.00	50.92 2.19 0.00
FOX_HILLS___ESR 323835	48.95 4.08 0.00	43.34 3.83 0.00	40.14 3.55 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.92 3.50 0.00	45.49 3.98 0.00	42.83 4.24 5.59	45.80 4.55 5.19	46.75 4.55 5.72	47.75 5.12 7.07	50.72 5.57 6.87	51.71 6.34 10.28	56.11 7.25 11.05	64.43 8.29 7.66	88.56 8.30 -18.33	110.40 9.40 -30.87	131.87 10.23 -44.70	101.32 10.46 -13.36	67.86 9.35 18.75	71.02 7.25 6.62	58.02 4.96 6.68	51.95 4.46 3.82	49.76 3.80 2.76
FPL_FAR_ROCK_GT1 24212	50.17 5.29 -0.01	44.37 4.70 -0.17	40.84 4.24 -0.01	37.24 3.78 -0.01	37.23 3.75 -0.01	42.85 4.42 -0.01	46.62 5.10 -0.01	49.76 5.57 -0.01	51.72 5.29 0.00	53.97 5.99 -0.05	55.36 5.66 0.00	58.37 6.35 0.00	63.15 7.51 0.00	87.53 8.75 -18.87	147.67 10.33 -73.54	118.87 10.10 -46.85	141.37 11.78 -59.47	177.63 12.78 -87.91	123.24 13.41 -32.33	116.46 12.60 -26.60	79.97 9.57 0.00	66.73 6.99 0.00	87.09 6.36 -29.42	54.82 5.41 -0.69
FPL_FAR_ROCK_GT2 23815	50.17 5.29 -0.01	44.37 4.70 -0.17	40.84 4.24 -0.01	37.24 3.78 -0.01	37.23 3.75 -0.01	42.85 4.42 -0.01	46.62 5.10 -0.01	49.76 5.57 -0.01	51.72 5.29 0.00	53.97 5.99 -0.05	55.36 5.66 0.00	58.37 6.35 0.00	63.15 7.51 0.00	87.53 8.75 -18.87	147.67 10.33 -73.54	118.87 10.10 -46.85	141.37 11.78 -59.47	177.63 12.78 -87.91	123.24 13.41 -32.33	116.46 12.60 -26.60	79.97 9.57 0.00	66.73 6.99 0.00	87.09 6.36 -29.42	54.82 5.41 -0.69
FRANKLIN_FALL_HYD 24054	44.86 0.00 0.00	39.54 0.04 0.00	36.59 0.00 0.00	33.42 -0.03 0.00	33.51 0.03 0.00	38.39 -0.04 0.00	41.63 0.12 0.00	44.27 0.09 0.00	46.39 -0.05 0.00	47.83 -0.10 0.00	49.16 -0.55 0.00	51.30 -0.73 0.00	54.42 -1.22 0.00	58.29 -1.62 0.00	61.56 -2.23 0.00	59.64 -2.29 0.00	67.39 -2.73 0.00	74.17 -2.77 0.00	74.24 -3.25 0.00	74.95 -2.32 0.00	68.85 -1.55 0.00	58.97 -0.78 0.00	50.79 -0.51 0.00	48.53 -0.19 0.00

FREEPORT_EQUS_GT1 23764	49.72 4.85 -0.01	44.05 4.38 -0.17	40.52 3.92 -0.01	36.91 3.45 -0.01	36.93 3.45 -0.01	42.55 4.11 -0.01	46.29 4.77 -0.01	49.40 5.21 -0.01	51.26 4.83 0.00	53.25 5.27 -0.05	54.67 4.97 0.00	57.60 5.57 0.00	62.15 6.51 0.00	74.38 7.67 -6.81	99.56 9.25 -26.52	117.57 8.79 -46.85	139.83 10.24 -59.47	176.00 11.15 -87.91	121.61 11.78 -32.33	98.21 11.36 -9.58	78.77 8.37 0.00	65.90 6.16 0.00	68.49 5.54 -11.64	53.27 4.68 0.13
FREEPORT___CT2 23818	49.72 4.85 -0.01	44.05 4.38 -0.17	40.52 3.92 -0.01	36.91 3.45 -0.01	36.93 3.45 -0.01	42.55 4.11 -0.01	46.29 4.77 -0.01	49.40 5.21 -0.01	51.26 4.83 0.00	53.25 5.27 -0.05	54.67 4.97 0.00	57.60 5.57 0.00	62.15 6.51 0.00	74.38 7.67 -6.81	99.56 9.25 -26.52	117.57 8.79 -46.85	139.83 10.24 -59.47	176.00 11.15 -87.91	121.61 11.78 -32.33	98.21 11.36 -9.58	78.77 8.37 0.00	65.90 6.16 0.00	68.49 5.54 -11.64	53.27 4.68 0.13
FRESHKLS_33_KV_LOAD 356253	48.95 4.08 0.00	43.41 3.91 0.00	40.21 3.62 0.00	36.60 3.14 0.00	36.55 3.08 0.00	42.00 3.57 0.00	45.49 3.98 0.00	42.79 4.20 5.59	45.75 4.50 5.19	46.66 4.46 5.72	47.65 5.02 7.07	50.62 5.46 6.87	51.58 6.23 10.30	56.05 7.19 11.05	64.36 8.23 7.66	88.56 8.30 -18.33	110.40 9.40 -30.87	131.87 10.23 -44.70	101.32 10.46 -13.36	67.94 9.43 18.75	71.02 7.25 6.62	58.02 4.96 6.68	51.90 4.41 3.82	49.72 3.75 2.76
FULTON COGEN____ 23766	44.24 -0.63 0.00	38.91 -0.59 0.00	35.97 -0.62 0.00	32.85 -0.60 0.00	32.87 -0.60 0.00	37.77 -0.65 0.00	40.80 -0.71 0.00	43.48 -0.71 0.00	45.78 -0.65 0.00	47.40 -0.53 0.00	49.16 -0.55 0.00	51.41 -0.62 0.00	54.98 -0.67 0.00	59.13 -0.78 0.00	63.22 -0.57 0.00	61.66 -0.87 -0.60	69.35 -0.77 0.00	76.17 -0.77 0.00	77.03 -0.46 0.00	76.65 -0.62 0.00	69.76 -0.63 0.00	59.03 -0.72 0.00	50.64 -0.67 0.00	48.19 -0.54 0.00
FULTON___LFGE 323630	48.23 3.37 0.00	42.43 2.92 0.00	39.23 2.64 0.00	35.79 2.34 0.00	35.81 2.34 0.00	41.42 3.00 0.00	44.58 3.07 0.00	47.32 3.14 0.00	49.55 3.11 0.00	50.80 2.88 0.00	52.54 2.83 0.00	54.89 2.86 0.00	58.54 2.89 0.00	63.08 3.17 0.00	67.49 3.70 0.00	64.77 3.65 0.81	74.65 4.28 -0.25	83.57 5.54 -1.09	85.04 6.51 -1.03	84.30 7.03 0.00	77.20 6.20 -0.61	64.70 4.96 0.00	55.51 4.21 0.00	52.18 3.46 0.00
G.F.CEMENT___DRP 24184	47.29 2.42 0.00	41.72 2.21 0.00	38.60 2.01 0.00	35.19 1.74 0.00	35.15 1.67 0.00	40.58 2.15 0.00	43.75 2.24 0.00	46.52 2.34 0.00	48.85 2.41 0.00	50.22 2.30 0.00	51.69 1.99 0.00	54.16 2.13 0.00	57.70 2.06 0.00	62.30 2.40 0.00	66.60 2.81 0.00	63.49 2.66 1.10	73.60 3.09 -0.39	82.96 4.31 -1.71	84.46 5.35 -1.62	82.60 5.33 0.00	78.13 4.65 -3.09	63.39 3.64 0.00	54.28 2.98 0.00	51.01 2.29 0.00
GARDENVILLE___LBMP 24039	44.37 -0.49 0.00	38.71 -0.79 0.00	35.31 -1.28 0.00	32.45 -1.00 0.00	32.27 -1.20 0.00	36.97 -1.46 0.00	39.60 -1.91 0.00	41.66 -2.52 0.00	44.25 -2.18 0.00	46.44 -1.49 0.00	48.06 -1.64 0.00	50.47 -1.56 0.00	53.75 -1.89 0.00	57.45 -2.46 0.00	62.20 -1.59 0.00	60.36 -2.79 -1.22	68.51 -1.61 0.00	74.86 -2.08 0.00	76.65 -0.85 0.00	75.80 -1.47 0.00	68.99 -1.41 0.00	58.79 -0.96 0.00	51.10 -0.21 0.00	49.55 0.83 0.00
GARDNVLA_35_KV_LD 355827	44.60 -0.27 0.00	38.95 -0.55 0.00	35.49 -1.10 0.00	32.58 -0.87 0.00	32.43 -1.04 0.00	37.12 -1.31 0.00	39.77 -1.74 0.00	41.93 -2.25 0.00	44.58 -1.86 0.00	46.82 -1.10 0.00	48.46 -1.24 0.00	50.94 -1.09 0.00	54.25 -1.39 0.00	57.99 -1.92 0.00	62.77 -1.02 0.00	60.94 -2.17 -1.18	69.21 -0.91 0.00	75.55 -1.38 0.00	77.34 -0.15 0.00	76.42 -0.85 0.00	69.48 -0.92 0.00	59.21 -0.54 0.00	51.41 0.10 0.00	49.84 1.12 0.00
GELCKHM___115KV_LOAD 80723	44.73 -0.13 0.00	39.31 -0.20 0.00	36.33 -0.26 0.00	33.19 -0.27 0.00	33.20 -0.27 0.00	38.16 -0.27 0.00	41.18 -0.33 0.00	43.87 -0.31 0.00	46.25 -0.19 0.00	47.88 -0.05 0.00	49.65 -0.05 0.00	52.03 0.00 0.00	55.70 0.06 0.00	59.72 -0.18 0.00	63.92 0.13 0.00	62.42 -0.19 -0.68	70.13 0.00 0.00	77.02 0.08 0.00	77.89 0.39 0.00	77.42 0.15 0.00	70.54 0.14 0.00	59.81 0.06 0.00	51.30 0.00 0.00	48.77 0.05 0.00
GENERAL___MILLS 23808	44.51 -0.36 0.00	38.87 -0.63 0.00	35.42 -1.17 0.00	32.52 -0.94 0.00	32.37 -1.10 0.00	37.04 -1.38 0.00	39.68 -1.83 0.00	41.84 -2.34 0.00	44.48 -1.95 0.00	46.68 -1.25 0.00	48.31 -1.39 0.00	50.73 -1.30 0.00	54.09 -1.56 0.00	57.81 -2.10 0.00	62.58 -1.21 0.00	60.69 -2.42 -1.18	68.93 -1.19 0.00	75.32 -1.62 0.00	77.11 -0.39 0.00	76.18 -1.08 0.00	69.27 -1.13 0.00	59.03 -0.72 0.00	51.25 -0.05 0.00	49.75 1.02 0.00
GE_PLASTICS___DRP 24183	45.13 0.27 0.00	39.90 0.40 0.00	37.10 0.51 0.00	33.95 0.50 0.00	33.94 0.47 0.00	38.96 0.54 0.00	42.05 0.54 0.00	44.71 0.53 0.00	46.81 0.37 0.00	48.16 0.24 0.00	50.20 0.50 2.25	50.20 0.42 5.99	50.15 0.50 10.41	50.27 0.78 14.73	50.15 1.08 14.73	50.15 1.24 13.02	50.22 1.33 21.24	50.38 1.54 28.09	50.15 1.70 29.05	78.58 1.31 0.00	69.71 0.84 1.53	59.98 0.30 0.06	51.46 0.15 0.00	48.92 0.19 0.00
GILBOA___1 23756	46.21 1.34 0.00	40.77 1.26 0.00	38.02 1.43 0.00	34.86 1.40 0.00	34.88 1.41 0.00	40.08 1.65 0.00	43.09 1.58 0.00	45.73 1.55 0.00	48.01 1.58 0.00	49.50 1.58 0.00	51.44 1.74 0.00	53.90 1.87 0.00	57.81 2.17 0.00	62.36 2.46 0.00	66.92 3.13 0.00	71.74 3.16 -6.66	73.18 3.50 0.45	78.36 3.38 1.96	79.60 3.95 1.85	80.90 3.63 0.00	73.28 2.89 0.00	61.84 2.09 0.00	52.95 1.64 0.00	50.09 1.36 0.00
GILBOA___2 23757	46.21 1.34 0.00	40.77 1.26 0.00	38.02 1.43 0.00	34.86 1.40 0.00	34.88 1.41 0.00	40.08 1.65 0.00	43.09 1.58 0.00	45.73 1.55 0.00	48.01 1.58 0.00	49.50 1.58 0.00	51.44 1.74 0.00	53.90 1.87 0.00	57.81 2.17 0.00	62.36 2.46 0.00	66.92 3.13 0.00	71.74 3.16 -6.66	73.18 3.50 0.45	78.36 3.38 1.96	79.60 3.95 1.85	80.90 3.63 0.00	73.28 2.89 0.00	61.84 2.09 0.00	52.95 1.64 0.00	50.09 1.36 0.00
GILBOA___3 23758	46.21 1.34 0.00	40.77 1.26 0.00	38.02 1.43 0.00	34.86 1.40 0.00	34.88 1.41 0.00	40.08 1.65 0.00	43.09 1.58 0.00	45.73 1.55 0.00	48.01 1.58 0.00	49.50 1.58 0.00	51.44 1.74 0.00	53.90 1.87 0.00	57.81 2.17 0.00	62.36 2.46 0.00	66.92 3.13 0.00	71.74 3.16 -6.66	73.18 3.50 0.45	78.36 3.38 1.96	79.60 3.95 1.85	80.90 3.63 0.00	73.28 2.89 0.00	61.84 2.09 0.00	52.95 1.64 0.00	50.09 1.36 0.00
GILBOA___4 23759	46.21 1.34 0.00	40.77 1.26 0.00	38.02 1.43 0.00	34.86 1.40 0.00	34.88 1.41 0.00	40.08 1.65 0.00	43.09 1.58 0.00	45.73 1.55 0.00	48.01 1.58 0.00	49.50 1.58 0.00	51.44 1.74 0.00	53.90 1.87 0.00	57.81 2.17 0.00	62.36 2.46 0.00	66.92 3.13 0.00	71.74 3.16 -6.66	73.18 3.50 0.45	78.36 3.38 1.96	79.60 3.95 1.85	80.90 3.63 0.00	73.28 2.89 0.00	61.84 2.09 0.00	52.95 1.64 0.00	50.09 1.36 0.00

GILBOA____ 23599	46.25 1.39 0.00	40.77 1.26 0.00	38.02 1.43 0.00	34.89 1.44 0.00	34.88 1.41 0.00	40.08 1.65 0.00	43.09 1.58 0.00	45.73 1.55 0.00	48.01 1.58 0.00	49.50 1.58 0.00	51.44 1.74 0.00	53.96 1.93 0.00	57.81 2.17 0.00	62.48 2.58 0.00	66.92 3.13 0.00	71.74 3.16 -6.66	73.19 3.51 0.45	78.67 3.69 1.96	79.60 3.95 1.85	80.74 3.48 0.00	73.28 2.89 0.00	61.78 2.03 0.00	52.95 1.64 0.00	50.14 1.41 0.00
GINNA____ 23603	43.38 -1.48 0.00	37.92 -1.58 0.00	34.76 -1.83 0.00	31.81 -1.64 0.00	31.80 -1.67 0.00	36.43 -2.00 0.00	39.19 -2.32 0.00	41.93 -2.25 0.00	44.39 -2.04 0.00	46.39 -1.54 0.00	48.01 -1.69 0.00	50.42 -1.61 0.00	53.69 -1.95 0.00	57.98 -1.92 0.00	62.01 -1.79 0.00	60.21 -2.54 -0.82	67.88 -2.25 0.00	74.47 -2.47 0.00	75.72 -1.78 0.00	75.02 -2.24 0.00	68.35 -2.04 0.00	57.96 -1.79 0.00	49.92 -1.38 0.00	47.75 -0.97 0.00
GLEN PARK____ 23778	47.02 2.15 0.00	41.20 1.70 0.00	37.76 1.17 0.00	34.46 1.00 0.00	34.57 1.10 0.00	40.04 1.61 0.00	43.09 1.58 0.00	46.00 1.81 0.00	48.29 1.86 0.00	49.74 1.82 0.00	51.19 1.49 0.00	53.44 1.41 0.00	56.70 1.05 0.00	60.80 0.90 0.00	64.30 0.51 0.00	62.59 0.25 -0.41	70.41 0.28 0.00	77.79 0.85 0.00	79.75 2.25 0.00	80.51 3.24 0.00	73.63 3.24 0.00	62.73 2.99 0.00	54.02 2.72 0.00	51.26 2.53 0.00
GLENDALE_27_KV_LOAD 356172	49.26 4.40 0.00	43.45 3.95 0.00	40.14 3.55 0.00	36.56 3.11 0.00	36.55 3.08 0.00	42.04 3.61 0.00	45.87 4.36 0.00	49.04 4.86 0.00	51.65 5.20 -0.02	54.84 5.13 -1.79	55.52 5.72 -0.10	58.24 6.19 -0.02	62.66 7.01 0.00	67.81 7.91 0.00	72.79 9.00 0.00	117.75 8.98 -46.85	139.83 10.24 -59.47	175.92 11.08 -87.90	121.06 11.24 -32.32	87.46 10.20 0.00	78.42 8.03 0.00	65.36 5.62 0.00	56.38 5.08 0.00	53.11 4.39 0.00
GLENWOOD_IC_1_G5 23712	49.22 4.35 0.00	43.58 3.91 -0.17	40.10 3.51 0.00	36.56 3.11 0.00	36.58 3.11 0.00	42.11 3.69 0.00	45.83 4.32 0.00	48.95 4.77 0.00	51.22 4.78 0.00	53.01 5.03 -0.05	54.82 5.12 0.00	57.34 5.31 0.00	61.93 6.29 0.00	71.88 7.37 -4.61	90.41 8.68 -17.94	117.38 8.61 -46.85	139.55 9.96 -59.47	175.77 10.93 -87.91	121.06 11.24 -32.32	93.87 10.12 -6.48	78.21 7.81 0.00	65.18 5.44 0.00	63.82 4.67 -7.85	52.87 4.24 0.10
GLENWOOD_IC_2_G1 23688	48.82 3.95 -0.01	43.26 3.59 -0.17	39.85 3.26 -0.01	36.34 2.88 -0.01	36.32 2.84 -0.01	41.85 3.42 -0.01	45.54 4.03 -0.01	48.65 4.46 -0.01	50.85 4.41 0.00	52.62 4.65 -0.05	54.52 4.82 0.01	57.23 5.20 0.00	61.77 6.12 0.00	69.24 7.01 -2.33	81.29 8.42 -9.07	117.20 8.42 -46.85	139.27 9.68 -59.47	175.23 10.38 -87.91	120.76 10.93 -32.33	90.73 10.20 -3.27	78.07 7.67 0.00	65.18 5.44 0.00	59.75 4.62 -3.83	52.67 3.94 0.00
GLENWOOD_IC_3_G1 23689	48.82 3.95 -0.01	43.26 3.59 -0.17	39.85 3.26 -0.01	36.34 2.88 -0.01	36.32 2.84 -0.01	41.85 3.42 -0.01	45.54 4.03 -0.01	48.65 4.46 -0.01	50.85 4.41 0.00	52.62 4.65 -0.05	54.52 4.82 0.01	57.23 5.20 0.00	61.77 6.12 0.00	69.24 7.01 -2.33	81.29 8.42 -9.07	117.20 8.42 -46.85	139.27 9.68 -59.47	175.23 10.38 -87.91	120.76 10.93 -32.33	90.73 10.20 -3.27	78.07 7.67 0.00	65.18 5.44 0.00	59.75 4.62 -3.83	52.67 3.94 0.00
GLENWOOD____4 23550	49.22 4.35 0.00	43.58 3.91 -0.17	40.10 3.51 0.00	36.56 3.11 0.00	36.58 3.11 0.00	42.11 3.69 0.00	45.83 4.32 0.00	48.95 4.77 0.00	51.22 4.78 0.00	53.01 5.03 -0.05	54.82 5.12 0.00	57.49 5.46 0.00	62.04 6.40 0.00	72.06 7.55 -4.61	90.60 8.87 -17.94	117.57 8.79 -46.85	139.69 10.10 -59.47	176.00 11.16 -87.91	121.21 11.39 -32.32	94.10 10.35 -6.48	78.35 7.95 0.00	65.36 5.62 0.00	63.93 4.77 -7.85	52.87 4.24 0.10
GLENWOOD____5 23614	49.22 4.35 0.00	43.58 3.91 -0.17	40.10 3.51 0.00	36.56 3.11 0.00	36.58 3.11 0.00	42.11 3.69 0.00	45.83 4.32 0.00	48.95 4.77 0.00	51.22 4.78 0.00	53.01 5.03 -0.05	54.82 5.12 0.00	57.49 5.46 0.00	62.04 6.40 0.00	72.06 7.55 -4.61	90.60 8.87 -17.94	117.57 8.79 -46.85	139.69 10.10 -59.47	176.00 11.16 -87.91	121.21 11.39 -32.32	94.10 10.35 -6.48	78.35 7.95 0.00	65.36 5.62 0.00	63.93 4.77 -7.85	52.87 4.24 0.10
GLOBAL GREEN_PORT_GT1 23814	50.84 5.97 -0.01	44.92 5.25 -0.17	41.06 4.46 -0.01	37.24 3.78 -0.01	37.39 3.91 -0.01	43.08 4.65 -0.01	46.95 5.44 -0.01	49.98 5.79 -0.01	51.91 5.48 0.00	53.92 5.94 -0.05	54.77 5.42 0.35	57.64 6.14 0.53	62.55 7.57 0.66	70.04 9.10 -1.04	78.84 11.04 -4.01	119.69 10.90 -46.86	142.37 12.77 -59.48	178.87 14.01 -87.93	141.69 14.56 -49.63	92.08 13.37 -1.45	79.97 9.57 0.00	66.96 6.51 -0.70	58.04 5.59 -1.14	52.92 5.16 0.96
GLOBE____DSASP 323697	43.29 -1.57 0.00	37.88 -1.62 0.00	34.98 -1.61 0.00	31.65 -1.81 0.00	31.93 -1.54 0.00	36.50 -1.92 0.00	38.65 -2.86 0.00	40.38 -3.80 0.00	42.95 -3.48 0.00	45.14 -2.78 0.00	46.82 -2.88 0.00	49.17 -2.86 0.00	52.25 -3.39 0.00	55.71 -4.19 0.00	60.29 -3.51 0.00	58.49 -4.52 -1.08	66.20 -3.93 0.00	72.32 -4.62 0.00	74.01 -3.49 0.00	73.09 -4.17 0.00	66.52 -3.87 0.00	56.70 -3.05 0.00	49.46 -1.85 0.00	48.09 -0.63 0.00
GOETHSLN____LBMP 323567	48.50 3.63 0.00	42.78 3.28 0.00	39.55 2.96 0.00	36.03 2.58 0.00	36.02 2.54 0.00	41.50 3.07 0.00	45.24 3.74 0.01	42.78 4.20 5.60	45.69 4.46 5.20	46.65 4.46 5.73	47.44 4.82 7.08	50.35 5.20 6.88	51.32 5.95 10.28	55.68 6.83 11.05	64.10 7.97 7.67	88.30 8.05 -18.33	110.18 9.19 -30.87	131.63 10.00 -44.69	101.16 10.31 -13.35	67.70 9.19 18.76	70.95 7.18 6.63	58.02 4.96 6.69	51.54 4.05 3.82	49.42 3.46 2.76
GOLAH____69_KV_TB 1_2 80279	45.31 0.45 0.00	39.70 0.20 0.00	36.22 -0.37 0.00	33.19 -0.27 0.00	33.10 -0.37 0.00	37.96 -0.46 0.00	40.80 -0.71 0.00	43.39 -0.80 0.00	45.92 -0.51 0.00	47.97 0.05 0.00	49.70 0.00 0.00	52.19 0.16 0.00	55.59 -0.06 0.00	59.60 -0.30 0.00	64.31 0.51 0.00	62.36 -0.43 -0.87	70.48 0.35 0.00	77.17 0.23 0.00	78.82 1.32 0.00	78.12 0.85 0.00	71.31 0.92 0.00	60.58 0.84 0.00	52.33 1.03 0.00	50.38 1.66 0.00
GOODYEAR_LAKE_HYD 323669	47.15 2.29 0.00	41.44 1.94 0.00	38.38 1.79 0.00	35.09 1.64 0.00	35.15 1.67 0.00	40.54 2.11 0.00	43.71 2.20 0.00	46.57 2.39 0.00	49.13 2.69 0.00	50.70 2.78 0.00	52.59 2.88 0.00	55.10 3.07 0.00	58.87 3.23 0.00	63.44 3.53 0.00	67.88 4.08 0.00	68.27 3.90 -2.44	74.94 4.42 -0.39	83.66 5.00 -1.72	84.63 5.50 -1.63	82.60 5.33 0.00	74.97 4.58 0.00	63.27 3.53 0.00	54.28 2.98 0.00	51.36 2.63 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.54 0.67 0.00	39.98 0.47 0.00	36.88 0.29 0.00	33.75 0.30 0.00	33.74 0.27 0.00	38.81 0.38 0.00	41.88 0.37 0.00	44.54 0.35 0.00	46.99 0.56 0.00	48.64 0.72 0.00	50.45 0.75 0.00	52.91 0.88 0.00	56.59 0.95 0.00	60.86 0.96 0.00	65.39 1.59 0.00	65.44 1.18 -2.34	72.24 1.82 -0.29	80.21 2.00 -1.27	81.26 2.56 -1.20	79.51 2.24 0.00	72.23 1.83 0.00	61.00 1.25 0.00	52.43 1.13 0.00	49.94 1.22 0.00

GOUDEY___7 23579	45.54 0.67 0.00	39.98 0.47 0.00	36.88 0.29 0.00	33.75 0.30 0.00	33.74 0.27 0.00	38.81 0.38 0.00	41.88 0.37 0.00	44.54 0.35 0.00	46.99 0.56 0.00	48.64 0.72 0.00	50.45 0.75 0.00	52.91 0.88 0.00	56.59 0.95 0.00	60.86 0.96 0.00	65.39 1.59 0.00	65.44 1.18 -2.34	72.24 1.82 -0.29	80.21 2.00 -1.27	81.26 2.56 -1.20	79.51 2.24 0.00	72.23 1.83 0.00	61.00 1.25 0.00	52.43 1.13 0.00	49.94 1.22 0.00
GOUDEY___8 23580	45.54 0.67 0.00	39.98 0.47 0.00	36.88 0.29 0.00	33.75 0.30 0.00	33.74 0.27 0.00	38.81 0.38 0.00	41.88 0.37 0.00	44.54 0.35 0.00	46.99 0.56 0.00	48.64 0.72 0.00	50.45 0.75 0.00	52.91 0.88 0.00	56.59 0.95 0.00	60.86 0.96 0.00	65.39 1.59 0.00	65.44 1.18 -2.34	72.24 1.82 -0.29	80.21 2.00 -1.27	81.26 2.56 -1.20	79.51 2.24 0.00	72.23 1.83 0.00	61.00 1.25 0.00	52.43 1.13 0.00	49.94 1.22 0.00
GOWANUS_GT1_1 24077	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.27 6.62 -0.01	67.45 7.55 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.46 10.62 -87.91	120.67 10.85 -32.32	87.00 9.74 0.00	78.00 7.60 0.00	65.01 5.26 0.00	56.08 4.77 0.00	52.82 4.09 0.00
GOWANUS_GT1_2 24078	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.27 6.62 -0.01	67.45 7.55 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.46 10.62 -87.91	120.67 10.85 -32.32	87.00 9.74 0.00	78.00 7.60 0.00	65.01 5.26 0.00	56.08 4.77 0.00	52.82 4.09 0.00
GOWANUS_GT1_3 24079	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.27 6.62 -0.01	67.45 7.55 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.46 10.62 -87.91	120.67 10.85 -32.32	87.00 9.74 0.00	78.00 7.60 0.00	65.01 5.26 0.00	56.08 4.77 0.00	52.82 4.09 0.00
GOWANUS_GT1_4 24080	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.27 6.62 -0.01	67.45 7.55 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.46 10.62 -87.91	120.67 10.85 -32.32	87.00 9.74 0.00	78.00 7.60 0.00	65.01 5.26 0.00	56.08 4.77 0.00	52.82 4.09 0.00
GOWANUS_GT1_5 24084	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.27 6.62 -0.01	67.45 7.55 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.46 10.62 -87.91	120.67 10.85 -32.32	87.00 9.74 0.00	78.00 7.60 0.00	65.01 5.26 0.00	56.08 4.77 0.00	52.82 4.09 0.00
GOWANUS_GT1_6 24111	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.27 6.62 -0.01	67.45 7.55 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.46 10.62 -87.91	120.67 10.85 -32.32	87.00 9.74 0.00	78.00 7.60 0.00	65.01 5.26 0.00	56.08 4.77 0.00	52.82 4.09 0.00
GOWANUS_GT1_7 24112	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.27 6.62 -0.01	67.45 7.55 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.46 10.62 -87.91	120.67 10.85 -32.32	87.00 9.74 0.00	78.00 7.60 0.00	65.01 5.26 0.00	56.08 4.77 0.00	52.82 4.09 0.00
GOWANUS_GT1_8 24113	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.27 6.62 -0.01	67.45 7.55 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.46 10.62 -87.91	120.67 10.85 -32.32	87.00 9.74 0.00	78.00 7.60 0.00	65.01 5.26 0.00	56.08 4.77 0.00	52.82 4.09 0.00
GOWANUS_GT2_1 24114	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.19 4.74 -0.02	54.46 4.75 -1.79	55.17 5.37 -0.10	57.82 5.77 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.74 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.09 4.77 -0.01	52.83 4.09 -0.01
GOWANUS_GT2_2 24115	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.19 4.74 -0.02	54.46 4.75 -1.79	55.17 5.37 -0.10	57.82 5.77 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.74 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.09 4.77 -0.01	52.83 4.09 -0.01
GOWANUS_GT2_3 24116	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.19 4.74 -0.02	54.46 4.75 -1.79	55.17 5.37 -0.10	57.82 5.77 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.74 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.09 4.77 -0.01	52.83 4.09 -0.01
GOWANUS_GT2_4 24117	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.19 4.74 -0.02	54.46 4.75 -1.79	55.17 5.37 -0.10	57.82 5.77 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.74 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.09 4.77 -0.01	52.83 4.09 -0.01
GOWANUS_GT2_5 24118	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.19 4.74 -0.02	54.46 4.75 -1.79	55.17 5.37 -0.10	57.82 5.77 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.74 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.09 4.77 -0.01	52.83 4.09 -0.01

GOWANUS_GT2_6 24119	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.19 4.74 -0.02	54.46 4.75 -1.79	55.17 5.37 -0.10	57.82 5.77 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.74 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.09 4.77 -0.01	52.83 4.09 -0.01
GOWANUS_GT2_7 24120	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.19 4.74 -0.02	54.46 4.75 -1.79	55.17 5.37 -0.10	57.82 5.77 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.74 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.09 4.77 -0.01	52.83 4.09 -0.01
GOWANUS_GT2_8 24121	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.19 4.74 -0.02	54.46 4.75 -1.79	55.17 5.37 -0.10	57.82 5.77 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.74 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.09 4.77 -0.01	52.83 4.09 -0.01
GOWANUS_GT3_1 24122	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
GOWANUS_GT3_2 24123	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
GOWANUS_GT3_3 24124	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
GOWANUS_GT3_4 24125	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
GOWANUS_GT3_5 24126	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
GOWANUS_GT3_6 24127	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
GOWANUS_GT3_7 24128	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
GOWANUS_GT3_8 24129	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
GOWANUS_GT4_1 24130	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.23 4.78 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.87 5.83 -0.02	62.25 6.62 0.02	67.44 7.55 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.75 -59.46	175.45 10.62 -87.89	120.66 10.85 -32.31	86.99 9.74 0.01	77.99 7.60 0.01	65.00 5.26 0.01	56.02 4.72 0.00	52.82 4.09 0.00
GOWANUS_GT4_2 24131	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.23 4.78 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.87 5.83 -0.02	62.25 6.62 0.02	67.44 7.55 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.75 -59.46	175.45 10.62 -87.89	120.66 10.85 -32.31	86.99 9.74 0.01	77.99 7.60 0.01	65.00 5.26 0.01	56.02 4.72 0.00	52.82 4.09 0.00
GOWANUS_GT4_3 24132	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.23 4.78 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.87 5.83 -0.02	62.25 6.62 0.02	67.44 7.55 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.75 -59.46	175.45 10.62 -87.89	120.66 10.85 -32.31	86.99 9.74 0.01	77.99 7.60 0.01	65.00 5.26 0.01	56.02 4.72 0.00	52.82 4.09 0.00
GOWANUS_GT4_4 24133	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.23 4.78 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.87 5.83 -0.02	62.25 6.62 0.02	67.44 7.55 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.75 -59.46	175.45 10.62 -87.89	120.66 10.85 -32.31	86.99 9.74 0.01	77.99 7.60 0.01	65.00 5.26 0.01	56.02 4.72 0.00	52.82 4.09 0.00

GOWANUS_GT4_5 24134	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.23 4.78 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.87 5.83 -0.02	62.25 6.62 0.02	67.44 7.55 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.75 -59.46	175.45 10.62 -87.89	120.66 10.85 -32.31	86.99 9.74 0.01	77.99 7.60 0.01	65.00 5.26 0.01	56.02 4.72 0.00	52.82 4.09 0.00
GOWANUS_GT4_6 24135	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.23 4.78 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.87 5.83 -0.02	62.25 6.62 0.02	67.44 7.55 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.75 -59.46	175.45 10.62 -87.89	120.66 10.85 -32.31	86.99 9.74 0.01	77.99 7.60 0.01	65.00 5.26 0.01	56.02 4.72 0.00	52.82 4.09 0.00
GOWANUS_GT4_7 24136	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.23 4.78 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.87 5.83 -0.02	62.25 6.62 0.02	67.44 7.55 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.75 -59.46	175.45 10.62 -87.89	120.66 10.85 -32.31	86.99 9.74 0.01	77.99 7.60 0.01	65.00 5.26 0.01	56.02 4.72 0.00	52.82 4.09 0.00
GOWANUS_GT4_8 24137	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.23 4.78 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.87 5.83 -0.02	62.25 6.62 0.02	67.44 7.55 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.75 -59.46	175.45 10.62 -87.89	120.66 10.85 -32.31	86.99 9.74 0.01	77.99 7.60 0.01	65.00 5.26 0.01	56.02 4.72 0.00	52.82 4.09 0.00
GREATVRV_69_KV_BK1 356245	50.70 5.83 0.00	44.84 5.17 -0.17	41.13 4.54 0.00	37.40 3.95 0.00	37.49 4.02 0.00	43.19 4.76 0.00	47.03 5.52 0.00	50.15 5.96 0.00	52.10 5.66 0.00	53.97 5.99 -0.05	54.91 5.42 0.22	57.79 6.09 0.33	62.57 7.35 0.42	70.14 8.87 -1.37	79.54 10.46 -5.28	118.88 10.09 -46.85	141.38 11.78 -59.48	177.85 13.00 -87.91	135.45 13.41 -44.54	91.69 12.52 -1.90	79.98 9.57 -0.01	68.97 6.63 -2.59	59.13 5.90 -1.93	52.74 4.87 0.85
GREENBSH_115KV_TB3 55895	45.18 0.31 0.00	39.90 0.40 0.00	37.18 0.59 0.00	33.99 0.54 0.00	33.97 0.50 0.00	39.00 0.58 0.00	42.05 0.54 0.00	44.80 0.62 0.00	46.81 0.37 0.00	48.16 0.24 0.00	50.15 0.45 0.00	52.50 0.47 0.00	56.14 0.50 0.00	60.68 0.78 0.00	64.94 1.15 0.00	61.83 1.24 1.34	71.74 1.33 -0.28	79.77 1.62 -1.21	80.43 1.78 -1.15	78.73 1.47 0.00	69.00 0.92 2.31	60.10 0.36 0.00	51.56 0.26 0.00	48.87 0.15 0.00
GREENDGE_115KV_TB5 80291	45.63 0.76 0.00	39.94 0.43 0.00	36.74 0.15 0.00	33.59 0.13 0.00	33.57 0.10 0.00	38.62 0.19 0.00	41.72 0.21 0.00	44.27 0.09 0.00	46.76 0.33 0.00	48.12 0.19 0.00	50.10 0.40 0.00	52.19 0.16 0.00	55.76 0.11 0.00	59.90 0.00 0.00	64.43 0.64 0.00	63.31 -0.06 -1.44	71.01 0.70 -0.18	78.73 1.00 -0.79	80.18 1.94 -0.75	79.04 1.78 0.00	71.87 1.48 0.00	60.82 1.08 0.00	52.28 0.97 0.00	49.94 1.22 0.00
GREENIDGE___3 23582	45.63 0.76 0.00	39.94 0.43 0.00	36.74 0.15 0.00	33.59 0.13 0.00	33.57 0.10 0.00	38.62 0.19 0.00	41.72 0.21 0.00	44.27 0.09 0.00	46.76 0.33 0.00	48.12 0.19 0.00	50.10 0.40 0.00	52.19 0.16 0.00	55.76 0.11 0.00	59.90 0.00 0.00	64.43 0.64 0.00	63.31 -0.06 -1.44	71.01 0.70 -0.18	78.73 1.00 -0.79	80.18 1.94 -0.75	79.04 1.78 0.00	71.87 1.48 0.00	60.82 1.08 0.00	52.28 0.97 0.00	49.94 1.22 0.00
GREENIDGE___4 23583	45.67 0.81 0.00	39.94 0.44 0.00	36.74 0.15 0.00	33.59 0.13 0.00	33.61 0.13 0.00	38.62 0.19 0.00	41.72 0.21 0.00	44.27 0.09 0.00	46.80 0.37 0.00	48.59 0.67 0.00	50.20 0.50 0.00	52.29 0.26 0.00	55.76 0.11 0.00	60.21 0.30 0.00	64.43 0.64 0.00	63.31 -0.06 -1.44	71.01 0.70 -0.18	78.65 0.93 -0.79	80.18 1.94 -0.75	79.12 1.85 0.00	71.88 1.48 0.00	60.76 1.01 0.00	52.28 0.97 0.00	49.94 1.22 0.00
GREENLWN_69_KV_BK 3 55738	49.13 4.26 0.00	43.66 3.99 -0.17	40.14 3.55 0.00	36.60 3.14 0.00	36.62 3.15 0.00	42.15 3.73 0.00	45.87 4.36 0.00	48.91 4.73 0.00	50.61 4.18 0.00	52.19 4.22 -0.05	52.24 3.68 1.14	54.56 4.27 1.73	58.76 5.29 2.17	67.84 6.53 -1.41	76.64 7.85 -4.99	117.40 7.74 -47.73	139.58 9.05 -60.41	175.98 10.00 -89.04	101.61 10.31 -13.80	88.14 9.19 -1.68	77.01 6.62 0.00	63.64 4.36 0.47	55.53 4.05 -0.17	50.43 3.17 1.47
GREENWD_138_KV_38B11_REV_LBMP_J 345004	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.27 6.62 -0.01	67.45 7.55 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.46 10.62 -87.91	120.67 10.85 -32.32	87.00 9.74 0.00	78.00 7.60 0.00	65.01 5.26 0.00	56.08 4.77 0.00	52.82 4.09 0.00
GRISSOM___SOLAR 323813	48.05 3.19 0.00	42.27 2.76 0.00	39.11 2.52 0.00	35.66 2.21 0.00	35.68 2.21 0.00	41.27 2.84 0.00	44.46 2.95 0.00	47.19 3.01 0.00	49.41 2.97 0.00	50.70 2.78 0.00	52.44 2.73 0.00	54.84 2.81 0.00	58.48 2.84 0.00	63.02 3.11 0.00	67.43 3.63 0.00	64.63 3.59 0.89	74.58 4.21 -0.25	83.40 5.38 -1.08	84.79 6.27 -1.02	83.91 6.65 0.00	76.85 5.84 -0.62	64.41 4.66 0.00	55.26 3.95 0.00	51.94 3.22 0.00
GROVEVILLE___HYD 323602	48.32 3.45 0.00	42.58 3.08 0.00	39.33 2.74 0.00	35.90 2.44 0.00	35.88 2.41 0.00	41.38 2.96 0.00	44.91 3.40 0.00	48.03 3.84 0.00	50.47 4.04 0.00	51.90 3.98 0.00	54.08 4.37 0.00	56.87 4.84 0.00	61.21 5.56 0.00	66.31 6.41 0.00	71.20 7.40 0.00	75.56 7.31 -6.33	82.29 8.34 -3.82	102.76 9.08 -16.74	102.71 9.38 -15.83	86.31 9.04 0.00	77.65 7.25 0.00	64.88 5.14 0.00	55.51 4.21 0.00	52.38 3.65 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.04 0.18 0.00	39.58 0.08 0.00	36.59 0.00 0.00	33.42 -0.03 0.00	33.47 0.00 0.00	38.43 0.00 0.00	41.51 0.00 0.00	44.23 0.04 0.00	46.62 0.19 0.00	48.26 0.34 0.00	50.05 0.35 0.00	52.39 0.36 0.00	56.09 0.45 0.00	60.02 0.12 0.00	64.18 0.38 0.00	62.76 0.06 -0.77	70.41 0.28 0.00	77.32 0.38 0.00	78.20 0.70 0.00	77.81 0.54 0.00	70.89 0.49 0.00	60.28 0.54 0.00	51.72 0.41 0.00	49.16 0.44 0.00
HAMLTNNY_34_KV_TB 80303	45.22 0.36 0.00	39.70 0.20 0.00	36.66 0.07 0.00	33.49 0.03 0.00	33.51 0.03 0.00	38.50 0.08 0.00	41.55 0.04 0.00	44.27 0.09 0.00	46.71 0.28 0.00	48.35 0.43 0.00	50.20 0.50 0.00	52.55 0.52 0.00	56.26 0.61 0.00	60.38 0.48 0.00	64.69 0.89 0.00	63.19 0.43 -0.83	70.97 0.84 0.00	77.94 1.00 0.00	78.97 1.47 0.00	78.50 1.24 0.00	71.45 1.06 0.00	60.52 0.78 0.00	51.92 0.62 0.00	49.41 0.68 0.00

HAMPSHIRE___PAPER_HYD 323593	45.81 0.94 0.00	40.25 0.75 0.00	36.96 0.37 0.00	33.75 0.30 0.00	33.84 0.37 0.00	38.96 0.54 0.00	42.09 0.58 0.00	44.85 0.66 0.00	47.08 0.65 0.00	48.45 0.53 0.00	50.00 0.30 0.00	52.13 0.10 0.00	55.48 -0.17 0.00	59.55 -0.36 0.00	63.03 -0.76 0.00	60.82 -1.11 0.00	68.58 -1.54 0.00	75.32 -1.62 0.00	76.26 -1.24 0.00	76.73 -0.54 0.00	70.32 -0.07 0.00	60.17 0.42 0.00	52.02 0.72 0.00	49.65 0.92 0.00
HARDSCRABBLE_WT_PWR 323673	45.45 0.58 0.00	39.98 0.48 0.00	37.03 0.44 0.00	33.82 0.37 0.00	33.81 0.33 0.00	38.92 0.50 0.00	42.01 0.50 0.00	44.76 0.57 0.00	47.04 0.60 0.00	48.54 0.62 0.00	50.30 0.60 0.00	52.66 0.63 0.00	56.20 0.56 0.00	60.50 0.60 0.00	64.50 0.70 0.00	62.67 0.75 0.00	70.83 0.70 0.00	77.79 0.85 0.00	78.58 1.08 0.00	78.43 1.16 0.00	71.24 0.85 0.00	60.47 0.72 0.00	51.92 0.62 0.00	49.16 0.44 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.05 3.19 0.00	42.39 2.88 0.00	39.15 2.56 0.00	35.69 2.24 0.00	35.71 2.24 0.00	41.15 2.73 0.00	44.71 3.20 0.00	47.81 3.62 0.00	50.24 3.81 0.00	51.71 3.79 0.00	53.88 4.18 0.00	56.66 4.63 0.00	60.93 5.29 0.00	66.01 6.11 0.00	70.88 7.08 0.00	75.16 7.06 -6.17	81.84 8.06 -3.65	101.70 8.77 -15.99	101.61 8.99 -15.12	85.84 8.58 0.00	77.22 6.83 0.00	64.59 4.84 0.00	55.26 3.95 0.00	52.13 3.41 0.00
HARSNRAD_115KV_TB1 81005	44.10 -0.76 0.00	38.59 -0.91 0.00	34.98 -1.61 0.00	32.28 -1.17 0.00	31.93 -1.54 0.00	36.54 -1.88 0.00	39.06 -2.45 0.00	41.05 -3.14 0.00	43.65 -2.79 0.00	45.86 -2.06 0.00	47.47 -2.24 0.00	49.90 -2.13 0.00	53.08 -2.56 0.00	56.61 -3.29 0.00	61.31 -2.49 0.00	59.40 -3.59 -1.07	67.39 -2.73 0.00	73.55 -3.39 0.00	75.41 -2.09 0.00	74.48 -2.78 0.00	67.79 -2.60 0.00	57.83 -1.91 0.00	50.69 -0.62 0.00	49.31 0.58 0.00
HARZA MOOSE___RIVER 24016	46.39 1.53 0.00	40.77 1.26 0.00	37.36 0.77 0.00	34.12 0.67 0.00	34.17 0.70 0.00	39.46 1.04 0.00	42.55 1.04 0.00	45.38 1.19 0.00	47.78 1.35 0.00	49.22 1.29 0.00	50.90 1.19 0.00	53.23 1.20 0.00	56.65 1.00 0.00	60.86 0.96 0.00	64.69 0.89 0.00	62.87 0.68 -0.26	70.90 0.77 0.00	78.02 1.08 0.00	79.36 1.86 0.00	79.43 2.16 0.00	72.51 2.11 0.00	61.60 1.85 0.00	53.00 1.69 0.00	50.23 1.51 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.73 -0.13 0.00	39.31 -0.20 0.00	36.33 -0.26 0.00	33.19 -0.27 0.00	33.20 -0.27 0.00	38.16 -0.27 0.00	41.22 -0.29 0.00	43.92 -0.27 0.00	46.29 -0.14 0.00	47.92 0.00 0.00	49.75 0.05 0.00	52.08 0.05 0.00	55.76 0.11 0.00	59.96 0.06 0.00	64.18 0.38 0.00	62.70 0.06 -0.71	70.41 0.28 0.00	77.32 0.38 0.00	78.20 0.70 0.00	77.73 0.46 0.00	70.75 0.35 0.00	59.87 0.12 0.00	51.36 0.05 0.00	48.82 0.10 0.00
HELLGATE_13_KV_LD 55870	49.31 4.44 0.00	43.45 3.95 0.00	40.14 3.55 0.00	36.56 3.11 0.00	36.55 3.08 0.00	42.04 3.61 0.00	45.87 4.36 0.00	49.04 4.86 0.00	51.60 5.15 -0.02	54.84 5.13 -1.79	55.52 5.72 -0.10	58.19 6.14 -0.02	62.66 7.01 0.00	67.81 7.91 0.00	72.79 9.00 0.00	117.69 8.92 -46.85	139.76 10.17 -59.47	175.85 11.00 -87.91	120.98 11.16 -32.32	87.39 10.12 0.00	78.35 7.95 0.00	65.36 5.62 0.00	56.38 5.08 0.00	53.16 4.43 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	49.31 4.44 0.00	43.45 3.95 0.00	40.14 3.55 0.00	36.56 3.11 0.00	36.55 3.08 0.00	42.04 3.61 0.00	45.87 4.36 0.00	49.04 4.86 0.00	51.60 5.15 -0.02	54.84 5.13 -1.79	55.52 5.72 -0.10	58.19 6.14 -0.02	62.66 7.01 0.00	67.81 7.91 0.00	72.79 9.00 0.00	117.69 8.92 -46.85	139.76 10.17 -59.47	175.85 11.00 -87.91	120.98 11.16 -32.32	87.39 10.12 0.00	78.35 7.95 0.00	65.36 5.62 0.00	56.38 5.08 0.00	53.16 4.43 0.00
HEMPSTEAD___ 23647	49.18 4.31 -0.01	43.62 3.95 -0.17	40.15 3.55 -0.01	36.60 3.14 -0.01	36.59 3.11 -0.01	42.16 3.73 -0.01	45.87 4.36 -0.01	49.01 4.82 -0.01	50.89 4.46 0.00	52.87 4.89 -0.05	54.37 4.67 0.00	57.18 5.15 0.00	61.82 6.18 0.00	72.30 7.25 -5.15	92.60 8.74 -20.06	117.32 8.55 -46.85	139.48 9.89 -59.47	175.54 10.69 -87.91	121.06 11.23 -32.33	95.10 10.59 -7.25	78.21 7.81 0.00	65.24 5.49 0.00	65.30 4.88 -9.12	52.69 4.14 0.17
HICKLING___1 23621	45.45 0.58 0.00	39.74 0.24 0.00	36.55 -0.04 0.00	33.42 -0.03 0.00	33.41 -0.07 0.00	38.43 0.00 0.00	41.47 -0.04 0.00	43.92 -0.27 0.00	46.43 0.00 0.00	48.21 0.29 0.00	49.95 0.25 0.00	52.39 0.36 0.00	55.98 0.33 0.00	60.20 0.30 0.00	64.88 1.08 0.00	64.02 0.25 -1.84	71.55 1.19 -0.23	79.33 1.38 -1.00	80.69 2.25 -0.95	79.27 2.01 0.00	72.08 1.69 0.00	60.94 1.19 0.00	52.48 1.18 0.00	50.28 1.56 0.00
HICKLING___2 23622	45.45 0.58 0.00	39.74 0.24 0.00	36.55 -0.04 0.00	33.42 -0.03 0.00	33.41 -0.07 0.00	38.43 0.00 0.00	41.47 -0.04 0.00	43.92 -0.27 0.00	46.43 0.00 0.00	48.21 0.29 0.00	49.95 0.25 0.00	52.39 0.36 0.00	55.98 0.33 0.00	60.20 0.30 0.00	64.88 1.08 0.00	64.02 0.25 -1.84	71.55 1.19 -0.23	79.33 1.38 -1.00	80.69 2.25 -0.95	79.27 2.01 0.00	72.08 1.69 0.00	60.94 1.19 0.00	52.48 1.18 0.00	50.28 1.56 0.00
HIGH FALLS___HY 23754	48.32 3.45 0.00	42.55 3.04 0.00	39.30 2.71 0.00	35.86 2.41 0.00	35.85 2.38 0.00	41.38 2.96 0.00	44.95 3.45 0.00	48.07 3.89 0.00	50.57 4.13 0.00	52.00 4.07 0.00	54.13 4.42 0.00	56.83 4.94 0.14	60.93 5.68 0.39	65.76 6.53 0.67	70.37 7.53 0.95	74.17 7.43 -4.81	79.74 8.49 -1.12	95.21 9.16 -9.11	95.42 9.45 -8.46	86.69 9.43 0.00	77.74 7.60 0.25	65.24 5.50 0.00	55.87 4.57 0.00	52.57 3.85 0.00
HIGH_RIVER___SOLAR 323847	47.02 2.15 0.00	41.40 1.90 0.00	38.35 1.76 0.00	35.03 1.57 0.00	35.05 1.57 0.00	40.38 1.96 0.00	43.50 1.99 0.00	46.17 1.99 0.00	48.34 1.90 0.00	49.50 1.58 0.00	51.25 1.54 0.00	53.59 1.56 0.00	57.26 1.61 0.00	61.82 1.92 0.00	66.09 2.29 0.00	63.25 2.48 1.16	73.30 2.94 -0.23	81.73 3.77 -1.02	83.12 4.65 -0.97	82.14 4.87 0.00	75.21 4.15 -0.66	62.97 3.22 0.00	53.97 2.67 0.00	50.92 2.19 0.00
HILLBURN___GT 23639	48.05 3.19 0.00	42.43 2.92 0.00	39.19 2.60 0.00	35.76 2.31 0.00	35.75 2.28 0.00	41.19 2.77 0.00	44.79 3.28 0.00	47.89 3.71 0.00	50.29 3.85 0.00	51.71 3.79 0.00	53.93 4.22 0.00	56.66 4.63 0.00	61.04 5.40 0.00	65.95 6.05 0.00	71.13 7.33 0.00	75.56 7.43 -6.20	82.37 8.48 -3.76	102.43 9.00 -16.49	102.55 9.45 -15.60	86.22 8.96 0.00	77.30 6.90 0.00	64.58 4.84 0.00	55.20 3.90 0.00	52.04 3.31 0.00
HILLSIDE_115KV_TB1 80332	44.86 0.00 0.00	39.27 -0.24 0.00	36.11 -0.48 0.00	33.05 -0.40 0.00	33.04 -0.44 0.00	37.96 -0.46 0.00	41.01 -0.50 0.00	43.43 -0.75 0.00	45.92 -0.51 0.00	47.68 -0.24 0.00	49.41 -0.30 0.00	51.82 -0.21 0.00	55.42 -0.22 0.00	59.54 -0.36 0.00	64.18 0.38 0.00	63.53 -0.31 -1.91	70.85 0.49 -0.24	78.59 0.62 -1.04	79.80 1.32 -0.98	78.27 1.00 0.00	71.10 0.70 0.00	60.16 0.42 0.00	51.77 0.46 0.00	49.60 0.88 0.00

HISHELDN_WT_PWR 323625	44.33 -0.54 0.00	38.52 -0.99 0.00	35.27 -1.32 0.00	32.42 -1.04 0.00	32.30 -1.17 0.00	36.93 -1.50 0.00	39.64 -1.87 0.00	41.71 -2.47 0.00	44.34 -2.09 0.00	46.39 -1.54 0.00	47.76 -1.94 0.00	50.31 -1.72 0.00	53.47 -2.17 0.00	57.81 -2.10 0.00	61.82 -1.98 0.00	60.20 -3.03 -1.30	68.19 -2.10 -0.16	75.12 -2.54 -0.71	76.93 -1.24 -0.68	75.79 -1.47 0.00	69.06 -1.34 0.00	58.73 -1.02 0.00	51.05 -0.26 0.00	49.41 0.68 0.00
HOLTSVILLE_IC_1 23690	49.63 4.75 -0.01	44.01 4.35 -0.17	40.40 3.81 -0.01	36.74 3.28 -0.01	36.83 3.35 -0.01	42.39 3.96 -0.01	46.17 4.65 -0.01	49.14 4.95 -0.01	50.85 4.41 0.00	52.58 4.60 -0.05	53.45 4.08 0.33	56.12 4.58 0.49	60.76 5.73 0.62	67.87 6.95 -1.02	76.22 8.49 -3.94	117.14 8.36 -46.86	139.42 9.82 -59.48	175.40 10.54 -87.92	135.72 11.16 -47.06	89.12 10.43 -1.42	77.86 7.46 0.00	65.33 4.96 -0.63	56.97 4.52 -1.15	51.58 3.80 0.95
HOLTSVILLE_IC_10 23699	49.99 5.11 -0.01	44.29 4.62 -0.17	40.62 4.02 -0.01	36.94 3.48 -0.01	37.03 3.55 -0.01	42.66 4.23 -0.01	46.45 4.94 -0.01	49.45 5.26 -0.01	51.17 4.74 0.00	52.96 4.98 -0.05	53.81 4.52 0.41	56.45 5.05 0.63	61.15 6.29 0.78	68.55 7.55 -1.10	77.23 9.19 -4.25	117.83 9.04 -46.86	140.20 10.59 -59.48	176.34 11.47 -87.93	146.95 12.01 -57.44	90.09 11.28 -1.54	78.56 8.16 0.00	66.18 5.49 -0.94	57.42 4.98 -1.14	51.96 4.24 1.00
HOLTSVILLE_IC_2 23691	49.63 4.75 -0.01	44.01 4.35 -0.17	40.40 3.81 -0.01	36.74 3.28 -0.01	36.83 3.35 -0.01	42.39 3.96 -0.01	46.17 4.65 -0.01	49.14 4.95 -0.01	50.85 4.41 0.00	52.58 4.60 -0.05	53.45 4.08 0.33	56.12 4.58 0.49	60.76 5.73 0.62	67.87 6.95 -1.02	76.22 8.49 -3.94	117.14 8.36 -46.86	139.42 9.82 -59.48	175.40 10.54 -87.92	135.72 11.16 -47.06	89.12 10.43 -1.42	77.86 7.46 0.00	65.33 4.96 -0.63	56.97 4.52 -1.15	51.58 3.80 0.95
HOLTSVILLE_IC_3 23692	49.63 4.75 -0.01	44.01 4.35 -0.17	40.40 3.81 -0.01	36.74 3.28 -0.01	36.83 3.35 -0.01	42.39 3.96 -0.01	46.17 4.65 -0.01	49.14 4.95 -0.01	50.85 4.41 0.00	52.58 4.60 -0.05	53.45 4.08 0.33	56.12 4.58 0.49	60.76 5.73 0.62	67.87 6.95 -1.02	76.22 8.49 -3.94	117.14 8.36 -46.86	139.42 9.82 -59.48	175.40 10.54 -87.92	135.72 11.16 -47.06	89.12 10.43 -1.42	77.86 7.46 0.00	65.33 4.96 -0.63	56.97 4.52 -1.15	51.58 3.80 0.95
HOLTSVILLE_IC_4 23693	49.63 4.75 -0.01	44.01 4.35 -0.17	40.40 3.81 -0.01	36.74 3.28 -0.01	36.83 3.35 -0.01	42.39 3.96 -0.01	46.17 4.65 -0.01	49.14 4.95 -0.01	50.85 4.41 0.00	52.58 4.60 -0.05	53.45 4.08 0.33	56.12 4.58 0.49	60.76 5.73 0.62	67.87 6.95 -1.02	76.22 8.49 -3.94	117.14 8.36 -46.86	139.42 9.82 -59.48	175.40 10.54 -87.92	135.72 11.16 -47.06	89.12 10.43 -1.42	77.86 7.46 0.00	65.33 4.96 -0.63	56.97 4.52 -1.15	51.58 3.80 0.95
HOLTSVILLE_IC_5 23694	49.63 4.75 -0.01	44.01 4.35 -0.17	40.40 3.81 -0.01	36.74 3.28 -0.01	36.83 3.35 -0.01	42.39 3.96 -0.01	46.17 4.65 -0.01	49.14 4.95 -0.01	50.85 4.41 0.00	52.58 4.60 -0.05	53.45 4.08 0.33	56.12 4.58 0.49	60.76 5.73 0.62	67.87 6.95 -1.02	76.22 8.49 -3.94	117.14 8.36 -46.86	139.42 9.82 -59.48	175.40 10.54 -87.92	135.72 11.16 -47.06	89.12 10.43 -1.42	77.86 7.46 0.00	65.33 4.96 -0.63	56.97 4.52 -1.15	51.58 3.80 0.95
HOLTSVILLE_IC_6 23695	49.99 5.11 -0.01	44.29 4.62 -0.17	40.62 4.02 -0.01	36.94 3.48 -0.01	37.03 3.55 -0.01	42.66 4.23 -0.01	46.45 4.94 -0.01	49.45 5.26 -0.01	51.17 4.74 0.00	52.96 4.98 -0.05	53.81 4.52 0.41	56.45 5.05 0.63	61.15 6.29 0.78	68.55 7.55 -1.10	77.23 9.19 -4.25	117.83 9.04 -46.86	140.20 10.59 -59.48	176.34 11.47 -87.93	146.95 12.01 -57.44	90.09 11.28 -1.54	78.56 8.16 0.00	66.18 5.49 -0.94	57.42 4.98 -1.14	51.96 4.24 1.00
HOLTSVILLE_IC_7 23696	49.99 5.11 -0.01	44.29 4.62 -0.17	40.62 4.02 -0.01	36.94 3.48 -0.01	37.03 3.55 -0.01	42.66 4.23 -0.01	46.45 4.94 -0.01	49.45 5.26 -0.01	51.17 4.74 0.00	52.96 4.98 -0.05	53.81 4.52 0.41	56.45 5.05 0.63	61.15 6.29 0.78	68.55 7.55 -1.10	77.23 9.19 -4.25	117.83 9.04 -46.86	140.20 10.59 -59.48	176.34 11.47 -87.93	146.95 12.01 -57.44	90.09 11.28 -1.54	78.56 8.16 0.00	66.18 5.49 -0.94	57.42 4.98 -1.14	51.96 4.24 1.00
HOLTSVILLE_IC_8 23697	49.99 5.11 -0.01	44.29 4.62 -0.17	40.62 4.02 -0.01	36.94 3.48 -0.01	37.03 3.55 -0.01	42.66 4.23 -0.01	46.45 4.94 -0.01	49.45 5.26 -0.01	51.17 4.74 0.00	52.96 4.98 -0.05	53.81 4.52 0.41	56.45 5.05 0.63	61.15 6.29 0.78	68.55 7.55 -1.10	77.23 9.19 -4.25	117.83 9.04 -46.86	140.20 10.59 -59.48	176.34 11.47 -87.93	146.95 12.01 -57.44	90.09 11.28 -1.54	78.56 8.16 0.00	66.18 5.49 -0.94	57.42 4.98 -1.14	51.96 4.24 1.00
HOLTSVILLE_IC_9 23698	49.99 5.11 -0.01	44.29 4.62 -0.17	40.62 4.02 -0.01	36.94 3.48 -0.01	37.03 3.55 -0.01	42.66 4.23 -0.01	46.45 4.94 -0.01	49.45 5.26 -0.01	51.17 4.74 0.00	52.96 4.98 -0.05	53.81 4.52 0.41	56.45 5.05 0.63	61.15 6.29 0.78	68.55 7.55 -1.10	77.23 9.19 -4.25	117.83 9.04 -46.86	140.20 10.59 -59.48	176.34 11.47 -87.93	146.95 12.01 -57.44	90.09 11.28 -1.54	78.56 8.16 0.00	66.18 5.49 -0.94	57.42 4.98 -1.14	51.96 4.24 1.00
HOMER_HL_115KV_TB2 355744	43.79 -1.08 0.00	38.20 -1.30 0.00	34.83 -1.76 0.00	31.98 -1.47 0.00	31.83 -1.64 0.00	36.58 -1.84 0.00	39.48 -2.03 0.00	41.97 -2.21 0.00	44.48 -1.95 0.00	46.53 -1.39 0.00	48.16 -1.54 0.00	50.05 -1.98 0.00	53.47 -2.17 0.00	57.27 -2.64 0.00	62.07 -1.72 0.00	60.33 -2.91 -1.32	68.75 -1.54 -0.16	75.74 -1.92 -0.72	77.17 -1.01 -0.68	75.72 -1.55 0.00	68.78 -1.62 0.00	58.43 -1.31 0.00	50.43 -0.87 0.00	49.26 0.54 0.00
HOWARD_WT_PWR 323690	44.95 0.09 0.00	39.07 -0.43 0.00	35.93 -0.66 0.00	32.88 -0.57 0.00	32.84 -0.64 0.00	37.69 -0.73 0.00	40.64 -0.87 0.00	42.81 -1.37 0.00	45.37 -1.07 0.00	47.06 -0.86 0.00	48.46 -1.24 0.00	50.93 -1.10 0.00	54.26 -1.39 0.00	58.71 -1.20 0.00	62.77 -1.02 0.00	61.50 -1.98 -1.56	69.27 -1.05 -0.19	76.79 -1.00 -0.85	78.85 0.55 -0.81	78.12 0.85 0.00	71.31 0.91 0.00	60.52 0.77 0.00	52.23 0.92 0.00	50.14 1.41 0.00
HQ_GEN_CEDARS 23644	45.00 0.13 0.00	39.66 0.16 0.00	36.74 0.15 0.00	33.55 0.10 0.00	33.61 0.13 0.00	38.46 0.04 0.00	41.63 0.12 0.00	44.27 0.09 0.00	46.43 0.00 0.00	47.92 0.00 0.00	49.46 -0.25 0.00	51.51 -0.52 0.00	54.92 -0.72 0.00	58.95 -0.96 0.00	62.26 -1.53 0.00	60.38 -1.55 0.00	68.09 -2.03 0.00	74.63 -2.31 0.00	74.79 -2.71 0.00	75.18 -2.09 0.00	69.06 -1.34 0.00	59.21 -0.54 0.00	51.20 -0.10 0.00	48.82 0.10 0.00
HQ_GEN_CEDARS_PROXY 323590	45.00 0.13 0.00	39.66 0.16 0.00	36.74 0.15 0.00	33.55 0.10 0.00	33.61 0.13 0.00	38.46 0.04 0.00	41.63 0.12 0.00	44.27 0.09 0.00	46.43 0.00 0.00	47.83 -0.10 0.00	49.46 -0.25 0.00	51.51 -0.52 0.00	54.92 -0.72 0.00	58.94 -0.96 0.00	62.26 -1.53 0.00	60.38 -1.55 0.00	68.09 -2.04 0.00	74.86 -2.07 0.00	74.78 -2.71 0.00	75.02 -2.24 0.00	69.06 -1.34 0.00	59.94 -0.54 -0.73	50.27 -0.31 0.73	48.82 0.10 0.00

HQ_GEN_IMPORT 323601	44.55 -0.31 0.00	39.23 -0.27 0.00	36.34 -0.25 0.00	33.22 -0.23 0.00	33.24 -0.23 0.00	38.12 -0.31 0.00	41.22 -0.29 0.00	43.88 -0.31 0.00	46.06 -0.37 0.00	47.49 -0.43 0.00	49.21 -0.50 0.00	51.46 -0.57 0.00	54.92 -0.72 0.00	59.07 -0.84 0.00	62.52 -1.28 0.00	60.75 -1.18 0.00	68.65 -1.48 0.00	75.40 -1.54 0.00	75.41 -2.09 0.00	75.41 -1.86 0.00	69.13 -1.27 0.00	59.82 -0.66 -0.73	50.01 -0.56 0.73	48.33 -0.39 0.00
HQ_GEN_WHEEL 23651	44.55 -0.31 0.00	39.23 -0.27 0.00	36.34 -0.25 0.00	33.22 -0.23 0.00	33.24 -0.23 0.00	38.12 -0.31 0.00	41.22 -0.29 0.00	43.88 -0.31 0.00	46.06 -0.37 0.00	47.49 -0.43 0.00	49.21 -0.50 0.00	51.46 -0.57 0.00	54.92 -0.72 0.00	59.07 -0.84 0.00	62.52 -1.28 0.00	60.75 -1.18 0.00	68.65 -1.48 0.00	75.40 -1.54 0.00	75.41 -2.09 0.00	75.41 -1.86 0.00	69.13 -1.27 0.00	59.82 -0.66 -0.73	50.01 -0.56 0.73	48.33 -0.39 0.00
HUDSON AVE_GT_3 23810	48.86 3.99 0.00	43.10 3.59 0.00	39.85 3.26 0.00	36.30 2.84 0.00	36.28 2.81 0.00	41.81 3.38 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.28 4.83 -0.01	54.23 4.89 -1.42	55.10 5.32 -0.08	57.77 5.72 -0.01	62.15 6.51 0.00	67.33 7.43 0.00	72.41 8.61 0.00	117.44 8.67 -46.84	139.48 9.89 -59.47	175.61 10.77 -87.90	120.90 11.08 -32.32	87.23 9.97 0.00	78.28 7.88 0.00	65.30 5.56 0.00	55.87 4.57 0.00	52.67 3.95 0.00
HUDSON AVE_GT_4 23540	48.86 3.99 0.00	43.10 3.59 0.00	39.85 3.26 0.00	36.30 2.84 0.00	36.28 2.81 0.00	41.81 3.38 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.28 4.83 -0.01	54.23 4.89 -1.42	55.10 5.32 -0.08	57.77 5.72 -0.01	62.15 6.51 0.00	67.33 7.43 0.00	72.41 8.61 0.00	117.44 8.67 -46.84	139.48 9.89 -59.47	175.61 10.77 -87.90	120.90 11.08 -32.32	87.23 9.97 0.00	78.28 7.88 0.00	65.30 5.56 0.00	55.87 4.57 0.00	52.67 3.95 0.00
HUDSON AVE_GT_5 23657	48.86 3.99 0.00	43.10 3.59 0.00	39.85 3.26 0.00	36.30 2.84 0.00	36.28 2.81 0.00	41.81 3.38 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.28 4.83 -0.01	54.23 4.89 -1.42	55.10 5.32 -0.08	57.77 5.72 -0.01	62.15 6.51 0.00	67.33 7.43 0.00	72.41 8.61 0.00	117.44 8.67 -46.84	139.48 9.89 -59.47	175.61 10.77 -87.90	120.90 11.08 -32.32	87.23 9.97 0.00	78.28 7.88 0.00	65.30 5.56 0.00	55.87 4.57 0.00	52.67 3.95 0.00
HUDSON_AVE_10 24168	48.81 3.95 0.00	43.06 3.56 0.00	39.81 3.22 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.77 3.34 0.00	45.54 4.03 0.00	48.73 4.55 0.00	51.23 4.78 -0.01	54.19 4.84 -1.42	55.00 5.22 -0.08	57.66 5.62 -0.01	62.04 6.40 0.00	67.21 7.31 0.00	72.28 8.48 0.00	117.38 8.61 -46.84	139.41 9.82 -59.47	175.53 10.69 -87.90	120.82 11.00 -32.32	87.16 9.89 0.00	78.21 7.81 0.00	65.24 5.50 0.00	55.82 4.51 0.00	52.62 3.90 0.00
HUDSON___115KV_TB 4 355613	46.03 1.17 0.00	40.57 1.07 0.00	37.72 1.13 0.00	34.46 1.00 0.00	34.44 0.97 0.00	39.62 1.19 0.00	42.67 1.16 0.00	45.46 1.28 0.00	47.27 0.84 0.00	48.50 0.58 0.00	50.40 0.70 0.00	52.37 0.88 0.54	55.14 0.95 1.45	58.64 1.26 2.52	61.76 1.53 3.56	60.10 1.55 3.38	67.14 1.68 4.67	74.43 2.23 4.73	74.98 2.56 5.08	79.66 2.40 0.00	70.94 2.25 1.71	61.11 1.37 0.02	52.43 1.13 0.00	49.70 0.97 0.00
HUNTER MOUNT___DRP 323613	45.99 1.12 0.00	40.53 1.03 0.00	37.69 1.10 0.00	34.42 0.97 0.00	34.41 0.94 0.00	39.62 1.19 0.00	42.63 1.12 0.00	45.38 1.19 0.00	47.22 0.79 0.00	48.45 0.53 0.00	50.30 0.60 0.00	52.18 0.94 0.79	54.48 0.95 2.11	57.50 1.26 3.66	60.08 1.47 5.18	59.59 1.36 3.70	64.88 1.47 6.72	72.35 2.00 6.59	72.72 2.32 7.10	79.51 2.24 0.00	71.63 2.60 1.37	61.16 1.43 0.02	52.48 1.18 0.00	49.84 1.12 0.00
HUNTINGTON_RES_REC 323705	49.54 4.67 -0.01	44.01 4.35 -0.17	40.40 3.81 -0.01	36.77 3.31 -0.01	36.83 3.35 -0.01	42.43 4.00 -0.01	46.17 4.65 -0.01	49.18 4.99 -0.01	50.75 4.32 0.00	52.48 4.50 -0.05	52.31 4.08 1.47	54.43 4.63 2.23	58.69 5.84 2.79	67.55 6.95 -0.70	76.01 8.55 -3.66	115.41 8.42 -45.06	137.62 9.89 -57.61	173.37 10.77 -85.66	247.88 11.31 -159.07	89.39 10.51 -1.62	77.85 7.46 0.00	64.27 5.02 0.49	55.30 4.56 0.57	50.72 3.70 1.70
HUNTLEY___63 23557	44.46 -0.40 0.00	38.87 -0.63 0.00	35.53 -1.06 0.00	32.48 -0.97 0.00	32.43 -1.04 0.00	37.12 -1.31 0.00	39.52 -1.99 0.00	41.53 -2.65 0.00	44.20 -2.23 0.00	46.49 -1.44 0.00	48.11 -1.59 0.00	50.52 -1.51 0.00	53.81 -1.84 0.00	57.45 -2.46 0.00	61.94 -1.85 0.00	60.06 -2.97 -1.10	68.02 -2.10 0.00	74.25 -2.69 0.00	76.03 -1.47 0.00	75.10 -2.16 0.00	68.28 -2.11 0.00	58.61 -1.14 0.00	51.05 -0.26 0.00	49.60 0.88 0.00
HUNTLEY___64 23558	44.46 -0.40 0.00	38.87 -0.63 0.00	35.53 -1.06 0.00	32.48 -0.97 0.00	32.43 -1.04 0.00	37.12 -1.31 0.00	39.52 -1.99 0.00	41.53 -2.65 0.00	44.20 -2.23 0.00	46.49 -1.44 0.00	48.11 -1.59 0.00	50.52 -1.51 0.00	53.81 -1.84 0.00	57.45 -2.46 0.00	61.94 -1.85 0.00	60.06 -2.97 -1.10	68.02 -2.10 0.00	74.25 -2.69 0.00	76.03 -1.47 0.00	75.10 -2.16 0.00	68.28 -2.11 0.00	58.61 -1.14 0.00	51.05 -0.26 0.00	49.60 0.88 0.00
HUNTLEY___65 23559	44.46 -0.40 0.00	38.87 -0.63 0.00	35.53 -1.06 0.00	32.48 -0.97 0.00	32.43 -1.04 0.00	37.12 -1.31 0.00	39.52 -1.99 0.00	41.53 -2.65 0.00	44.20 -2.23 0.00	46.49 -1.44 0.00	48.11 -1.59 0.00	50.52 -1.51 0.00	53.81 -1.84 0.00	57.45 -2.46 0.00	61.94 -1.85 0.00	60.06 -2.97 -1.10	68.02 -2.10 0.00	74.25 -2.69 0.00	76.03 -1.47 0.00	75.10 -2.16 0.00	68.28 -2.11 0.00	58.61 -1.14 0.00	51.05 -0.26 0.00	49.60 0.88 0.00
HUNTLEY___66 23560	44.46 -0.40 0.00	38.87 -0.63 0.00	35.53 -1.06 0.00	32.48 -0.97 0.00	32.43 -1.04 0.00	37.12 -1.31 0.00	39.52 -1.99 0.00	41.53 -2.65 0.00	44.20 -2.23 0.00	46.49 -1.44 0.00	48.11 -1.59 0.00	50.52 -1.51 0.00	53.81 -1.84 0.00	57.45 -2.46 0.00	61.94 -1.85 0.00	60.06 -2.97 -1.10	68.02 -2.10 0.00	74.25 -2.69 0.00	76.03 -1.47 0.00	75.10 -2.16 0.00	68.28 -2.11 0.00	58.61 -1.14 0.00	51.05 -0.26 0.00	49.60 0.88 0.00
HUNTLEY___67 23561	44.19 -0.67 0.00	38.63 -0.87 0.00	35.24 -1.35 0.00	32.32 -1.14 0.00	32.17 -1.31 0.00	36.81 -1.61 0.00	39.39 -2.12 0.00	41.40 -2.78 0.00	44.02 -2.41 0.00	46.25 -1.68 0.00	47.91 -1.79 0.00	50.31 -1.72 0.00	53.53 -2.11 0.00	57.15 -2.76 0.00	61.88 -1.91 0.00	60.07 -2.97 -1.12	68.16 -1.96 0.00	74.40 -2.54 0.00	76.18 -1.32 0.00	75.26 -2.01 0.00	68.42 -1.97 0.00	58.31 -1.43 0.00	50.74 -0.56 0.00	49.26 0.54 0.00
HUNTLEY___68 23562	44.19 -0.67 0.00	38.63 -0.87 0.00	35.24 -1.35 0.00	32.32 -1.14 0.00	32.17 -1.31 0.00	36.81 -1.61 0.00	39.39 -2.12 0.00	41.40 -2.78 0.00	44.02 -2.41 0.00	46.25 -1.68 0.00	47.91 -1.79 0.00	50.31 -1.72 0.00	53.53 -2.11 0.00	57.15 -2.76 0.00	61.88 -1.91 0.00	60.07 -2.97 -1.12	68.16 -1.96 0.00	74.40 -2.54 0.00	76.18 -1.32 0.00	75.26 -2.01 0.00	68.42 -1.97 0.00	58.31 -1.43 0.00	50.74 -0.56 0.00	49.26 0.54 0.00

HYLAND___LFGE 323620	47.42 2.56 0.00	41.28 1.78 0.00	37.76 1.17 0.00	34.56 1.10 0.00	34.54 1.07 0.00	39.66 1.23 0.00	42.63 1.12 0.00	45.07 0.88 0.00	47.04 0.60 0.00	46.73 -1.20 0.00	47.82 -1.89 0.00	50.21 -1.82 0.00	53.36 -2.28 0.00	57.45 -2.46 0.00	61.56 -2.23 0.00	60.52 -2.66 -1.25	68.38 -1.75 0.00	75.70 -1.23 0.00	78.66 1.16 0.00	79.43 2.16 0.00	73.21 2.82 0.00	62.14 2.39 0.00	53.46 2.15 0.00	51.06 2.34 0.00
INDECK___CORINTH 23802	46.66 1.80 0.00	41.24 1.74 0.00	38.16 1.57 0.00	34.76 1.30 0.00	34.74 1.27 0.00	40.11 1.69 0.00	43.25 1.74 0.00	45.95 1.77 0.00	48.24 1.81 0.00	49.65 1.72 0.00	50.95 1.24 0.00	53.38 1.35 0.00	56.87 1.22 0.00	61.28 1.38 0.00	65.58 1.78 0.00	62.46 1.67 1.14	72.38 1.89 -0.36	81.51 3.00 -1.57	83.25 4.26 -1.49	81.67 4.40 0.00	76.83 3.80 -2.64	62.67 2.93 0.00	53.67 2.36 0.00	50.33 1.61 0.00
INDECK___ILION 23567	45.36 0.49 0.00	39.90 0.40 0.00	36.96 0.37 0.00	33.79 0.33 0.00	33.81 0.33 0.00	38.85 0.42 0.00	41.97 0.46 0.00	44.67 0.49 0.00	46.99 0.56 0.00	48.50 0.58 0.00	50.25 0.55 0.00	52.65 0.62 0.00	56.26 0.61 0.00	60.56 0.66 0.00	64.56 0.77 0.00	62.73 0.81 0.00	70.97 0.84 0.00	77.94 1.00 0.00	78.66 1.16 0.00	78.42 1.16 0.00	71.31 0.92 0.00	60.46 0.72 0.00	51.87 0.56 0.00	49.16 0.44 0.00
INDECK___OLEAN 23982	43.83 -1.03 0.00	38.20 -1.30 0.00	34.83 -1.76 0.00	31.98 -1.47 0.00	31.90 -1.57 0.00	36.58 -1.84 0.00	39.48 -2.03 0.00	41.98 -2.21 0.00	44.57 -1.86 0.00	46.63 -1.29 0.00	48.16 -1.54 0.00	50.78 -1.25 0.00	53.42 -2.23 0.00	57.69 -2.22 0.00	62.08 -1.72 0.00	60.40 -2.85 -1.32	68.75 -1.54 -0.16	75.66 -2.00 -0.72	77.17 -1.01 -0.68	75.88 -1.39 0.00	68.70 -1.69 0.00	58.43 -1.31 0.00	50.48 -0.82 0.00	49.26 0.54 0.00
INDECK___OSWEGO 23783	44.19 -0.67 0.00	38.83 -0.67 0.00	35.89 -0.70 0.00	32.82 -0.64 0.00	32.84 -0.64 0.00	37.74 -0.69 0.00	40.72 -0.79 0.00	43.39 -0.79 0.00	45.69 -0.74 0.00	47.25 -0.67 0.00	48.96 -0.74 0.00	50.84 -1.19 0.00	54.37 -1.28 0.00	58.47 -1.44 0.00	62.45 -1.34 0.00	60.97 -1.55 -0.59	68.58 -1.54 0.00	75.25 -1.69 0.00	76.18 -1.32 0.00	75.88 -1.39 0.00	69.06 -1.34 0.00	58.43 -1.31 0.00	50.28 -1.03 0.00	48.14 -0.58 0.00
INDECK___YERKES 23781	44.60 -0.27 0.00	38.95 -0.55 0.00	35.57 -1.02 0.00	32.55 -0.90 0.00	32.43 -1.04 0.00	37.16 -1.27 0.00	39.56 -1.95 0.00	41.58 -2.61 0.00	44.34 -2.09 0.00	46.73 -1.20 0.00	48.16 -1.54 0.00	50.73 -1.30 0.00	53.86 -1.78 0.00	58.23 -1.68 0.00	61.94 -1.85 0.00	60.06 -2.97 -1.10	68.09 -2.04 0.00	74.32 -2.62 0.00	76.02 -1.47 0.00	75.02 -2.24 0.00	68.28 -2.11 0.00	58.61 -1.14 0.00	51.15 -0.15 0.00	49.65 0.92 0.00
INDIAN POINT_GT_1 24139	48.23 3.36 0.00	42.58 3.08 0.00	39.33 2.74 0.00	35.90 2.44 0.00	35.88 2.41 0.00	41.31 2.88 0.00	44.91 3.40 0.00	47.98 3.80 0.00	50.43 3.99 0.00	51.89 3.93 -0.04	54.08 4.37 0.00	56.82 4.79 0.00	61.15 5.51 0.00	66.25 6.35 0.00	71.39 7.59 0.00	116.43 7.68 -46.82	138.35 8.84 -59.39	174.13 9.62 -87.57	119.43 9.92 -32.01	86.15 8.89 0.00	77.36 6.97 0.00	64.59 4.84 0.00	55.20 3.90 0.00	52.04 3.31 0.00
INDIAN POINT_GT_2 23659	48.23 3.36 0.00	42.58 3.08 0.00	39.33 2.74 0.00	35.90 2.44 0.00	35.88 2.41 0.00	41.31 2.88 0.00	44.91 3.40 0.00	47.98 3.80 0.00	50.43 3.99 0.00	51.89 3.93 -0.04	54.08 4.37 0.00	56.82 4.79 0.00	61.15 5.51 0.00	66.25 6.35 0.00	71.39 7.59 0.00	116.43 7.68 -46.82	138.35 8.84 -59.39	174.13 9.62 -87.57	119.43 9.92 -32.01	86.15 8.89 0.00	77.36 6.97 0.00	64.59 4.84 0.00	55.20 3.90 0.00	52.04 3.31 0.00
INDIAN POINT_GT_3 24019	48.23 3.36 0.00	42.58 3.08 0.00	39.33 2.74 0.00	35.90 2.44 0.00	35.88 2.41 0.00	41.31 2.88 0.00	44.91 3.40 0.00	47.98 3.80 0.00	50.43 3.99 0.00	51.89 3.93 -0.04	54.08 4.37 0.00	56.82 4.79 0.00	61.15 5.51 0.00	66.25 6.35 0.00	71.39 7.59 0.00	116.43 7.68 -46.82	138.35 8.84 -59.39	174.13 9.62 -87.57	119.43 9.92 -32.01	86.15 8.89 0.00	77.36 6.97 0.00	64.59 4.84 0.00	55.20 3.90 0.00	52.04 3.31 0.00
INDIAN POINT___2 23530	48.10 3.23 0.00	42.47 2.96 0.00	39.26 2.67 0.00	35.79 2.34 0.00	35.81 2.34 0.00	41.23 2.80 0.00	44.83 3.32 0.00	47.89 3.71 0.00	50.29 3.85 0.00	51.80 3.84 -0.04	53.98 4.28 0.00	56.66 4.63 0.00	61.04 5.40 0.00	65.95 6.05 0.00	71.13 7.33 0.00	116.23 7.49 -46.81	137.93 8.55 -59.25	172.96 9.07 -86.95	118.53 9.61 -31.42	86.22 8.96 0.00	77.22 6.83 0.00	64.53 4.78 0.00	55.15 3.85 0.00	51.99 3.26 0.00
INDIAN POINT___3 23531	48.14 3.28 0.00	42.47 2.96 0.00	39.26 2.67 0.00	35.79 2.34 0.00	35.82 2.34 0.00	41.23 2.81 0.00	44.83 3.32 0.00	47.89 3.71 0.00	50.29 3.85 0.00	51.80 3.83 -0.04	53.93 4.22 0.00	56.66 4.63 0.00	60.99 5.34 0.00	66.01 6.11 0.00	71.07 7.27 0.00	116.12 7.37 -46.82	138.01 8.49 -59.40	173.78 9.23 -87.61	118.99 9.45 -32.04	85.84 8.58 0.00	77.15 6.76 0.00	64.41 4.66 0.00	55.05 3.75 0.00	51.94 3.22 0.00
INGHAM_C_115KV_TB7 356103	45.54 0.67 0.00	40.06 0.55 0.00	37.07 0.48 0.00	33.85 0.40 0.00	33.87 0.40 0.00	39.00 0.58 0.00	42.09 0.58 0.00	44.80 0.62 0.00	47.13 0.70 0.00	48.64 0.72 0.00	50.40 0.70 0.00	52.71 0.68 0.00	56.31 0.67 0.00	60.62 0.72 0.00	64.56 0.77 0.00	62.73 0.81 0.00	70.90 0.77 0.00	77.94 1.00 0.00	78.66 1.16 0.00	78.50 1.24 0.00	71.38 0.99 0.00	60.58 0.84 0.00	52.02 0.72 0.00	49.26 0.54 0.00
IP CORINTH___1 23988	46.93 2.06 0.00	41.44 1.94 0.00	38.35 1.76 0.00	34.92 1.47 0.00	34.91 1.44 0.00	40.31 1.88 0.00	43.46 1.95 0.00	46.22 2.03 0.00	48.52 2.09 0.00	49.89 1.96 0.00	51.24 1.54 0.00	53.69 1.66 0.00	57.20 1.56 0.00	61.70 1.80 0.00	65.96 2.17 0.00	62.77 1.98 1.14	72.80 2.31 -0.36	81.97 3.46 -1.57	83.64 4.65 -1.49	81.98 4.71 0.00	77.19 4.15 -2.64	62.97 3.23 0.00	53.92 2.62 0.00	50.62 1.90 0.00
IP___TICONDEROGA 23804	48.14 3.28 0.00	42.43 2.92 0.00	39.11 2.52 0.00	35.46 2.01 0.00	35.41 1.94 0.00	41.23 2.81 0.00	44.25 2.74 0.00	47.01 2.83 0.00	49.41 2.97 0.00	50.61 2.68 0.00	51.84 2.14 0.00	54.37 2.34 0.00	57.65 2.00 0.00	62.24 2.34 0.00	66.41 2.62 0.00	62.77 1.98 1.14	72.87 2.38 -0.36	83.13 4.62 -1.57	85.19 6.20 -1.49	83.99 6.72 0.00	79.23 6.19 -2.64	64.88 5.14 0.00	55.61 4.31 0.00	51.75 3.02 0.00
ISLIP_RES_REC 323679	50.30 5.43 -0.01	44.57 4.90 -0.17	40.84 4.24 -0.01	37.14 3.68 -0.01	37.23 3.75 -0.01	42.89 4.46 -0.01	46.71 5.19 -0.01	49.76 5.57 -0.01	51.54 5.11 0.00	53.34 5.37 -0.05	54.30 4.97 0.37	57.03 5.57 0.57	61.78 6.84 0.71	69.27 8.21 -1.16	78.21 9.95 -4.47	118.51 9.72 -46.86	140.97 11.36 -59.48	177.17 12.31 -87.93	145.19 12.87 -54.82	90.93 12.05 -1.62	79.27 8.87 -0.01	67.06 6.03 -1.28	58.00 5.39 -1.31	52.38 4.63 0.97

JAMAICA__27_KV_LOAD 355505	49.31 4.44 0.00	43.45 3.95 0.00	40.25 3.66 0.00	36.63 3.18 0.00	36.62 3.15 0.00	42.27 3.84 0.00	46.03 4.52 0.00	49.27 5.08 -0.01	51.83 5.39 -0.01	54.78 5.42 -1.44	55.45 5.67 -0.08	58.18 6.14 -0.01	62.60 6.96 0.00	67.87 7.97 0.00	73.05 9.25 0.00	118.12 9.35 -46.84	140.32 10.73 -59.47	176.46 11.62 -87.90	121.83 12.01 -32.32	88.24 10.97 0.00	79.19 8.80 0.00	65.96 6.21 0.00	56.61 5.28 -0.02	53.30 4.58 0.00
JANIS__SOLAR 323808	47.15 2.29 0.00	41.32 1.82 0.00	38.13 1.54 0.00	34.79 1.34 0.00	34.88 1.41 0.00	40.27 1.84 0.00	43.42 1.91 0.00	46.22 2.03 0.00	48.66 2.23 0.00	50.22 2.30 0.00	51.74 2.04 0.00	54.21 2.18 0.00	57.70 2.06 0.00	62.42 2.52 0.00	66.60 2.80 0.00	66.03 2.11 -2.00	73.26 2.88 -0.25	81.66 3.62 -1.11	83.51 4.96 -1.05	82.52 5.26 0.00	75.11 4.72 0.00	63.51 3.77 0.00	54.54 3.23 0.00	51.80 3.07 0.00
JARVIS____ 23743	45.14 0.27 0.00	39.74 0.24 0.00	36.81 0.22 0.00	33.65 0.20 0.00	33.67 0.20 0.00	38.70 0.27 0.00	41.80 0.29 0.00	44.49 0.31 0.00	46.76 0.33 0.00	48.26 0.34 0.00	50.05 0.35 0.00	52.44 0.41 0.00	56.09 0.44 0.00	60.38 0.48 0.00	64.43 0.64 0.00	62.55 0.62 0.00	70.83 0.70 0.00	77.71 0.77 0.00	78.43 0.93 0.00	78.20 0.93 0.00	71.03 0.63 0.00	60.17 0.42 0.00	51.67 0.36 0.00	49.02 0.29 0.00
JENNISON____1 23625	47.47 2.60 0.00	41.60 2.09 0.00	38.42 1.83 0.00	35.09 1.64 0.00	35.15 1.67 0.00	40.62 2.19 0.00	43.79 2.28 0.00	46.70 2.52 0.00	49.36 2.93 0.00	51.04 3.12 0.00	52.74 3.03 0.00	55.31 3.28 0.00	58.87 3.23 0.00	63.38 3.47 0.00	67.75 3.96 0.00	67.96 3.47 -2.56	74.59 4.14 -0.33	83.23 4.85 -1.44	84.67 5.81 -1.36	83.06 5.79 0.00	75.53 5.14 0.00	63.93 4.18 0.00	54.90 3.59 0.00	52.09 3.36 0.00
JENNISON____2 23626	47.47 2.60 0.00	41.60 2.09 0.00	38.42 1.83 0.00	35.09 1.64 0.00	35.15 1.67 0.00	40.62 2.19 0.00	43.79 2.28 0.00	46.70 2.52 0.00	49.36 2.93 0.00	51.04 3.12 0.00	52.74 3.03 0.00	55.31 3.28 0.00	58.87 3.23 0.00	63.38 3.47 0.00	67.75 3.96 0.00	67.96 3.47 -2.56	74.59 4.14 -0.33	83.23 4.85 -1.44	84.67 5.81 -1.36	83.06 5.79 0.00	75.53 5.14 0.00	63.93 4.18 0.00	54.90 3.59 0.00	52.09 3.36 0.00
JERICOHO_RISE_WT_PWR 323719	44.24 -0.63 0.00	38.95 -0.55 0.00	36.08 -0.51 0.00	32.98 -0.47 0.00	33.07 -0.40 0.00	37.93 -0.50 0.00	41.05 -0.46 0.00	43.61 -0.58 0.00	45.69 -0.74 0.00	46.91 -1.01 0.00	48.41 -1.29 0.00	50.52 -1.51 0.00	53.59 -2.06 0.00	57.39 -2.51 0.00	60.67 -3.12 0.00	58.90 -3.03 0.00	66.62 -3.50 0.00	73.55 -3.38 0.00	73.47 -4.03 0.00	73.79 -3.48 0.00	67.79 -2.60 0.00	57.89 -1.85 0.00	49.82 -1.49 0.00	47.61 -1.12 0.00
KATONAH__115KV_46KV_TB4 355592	48.63 3.77 0.00	42.90 3.40 0.00	39.59 3.00 0.00	36.16 2.71 0.00	36.15 2.68 0.00	41.58 3.15 0.00	45.25 3.74 0.00	48.29 4.11 0.00	50.80 4.36 0.00	52.24 4.31 0.00	54.57 4.87 0.00	57.34 5.31 0.00	61.88 6.23 0.00	67.15 7.25 0.00	72.47 8.68 0.00	117.58 8.79 -46.86	139.78 10.10 -59.56	176.32 11.08 -88.30	121.67 11.47 -32.70	87.31 10.04 0.00	78.14 7.74 0.00	65.18 5.44 0.00	55.51 4.21 0.00	52.43 3.70 0.00
KCE_NY_1 323755	47.33 2.47 0.00	41.75 2.25 0.00	38.64 2.05 0.00	35.26 1.81 0.00	35.24 1.77 0.00	40.61 2.19 0.00	43.79 2.28 0.00	46.61 2.43 0.00	48.89 2.46 0.00	50.37 2.44 0.00	52.04 2.34 0.00	54.53 2.50 0.00	58.26 2.62 0.00	62.84 2.93 0.00	67.24 3.44 0.00	64.25 3.40 1.08	74.45 3.92 -0.40	83.54 4.85 -1.75	84.73 5.58 -1.65	82.90 5.64 0.00	78.33 4.72 -3.22	63.39 3.64 0.00	54.28 2.97 0.00	51.11 2.39 0.00
KCE_NY_6_ESR 323823	44.60 -0.27 0.00	38.87 -0.63 0.00	35.42 -1.17 0.00	32.55 -0.90 0.00	32.43 -1.04 0.00	37.04 -1.38 0.00	39.68 -1.83 0.00	41.84 -2.34 0.00	44.57 -1.86 0.00	46.87 -1.05 0.00	48.36 -1.34 0.00	50.93 -1.10 0.00	54.09 -1.56 0.00	58.47 -1.44 0.00	62.58 -1.21 0.00	60.69 -2.42 -1.18	69.00 -1.12 0.00	75.40 -1.54 0.00	77.11 -0.39 0.00	76.18 -1.08 0.00	69.27 -1.13 0.00	59.03 -0.71 0.00	51.36 0.05 0.00	49.75 1.02 0.00
KEDC PORT_JEFF_GT2 24210	49.85 4.98 -0.01	44.21 4.54 -0.17	40.55 3.95 -0.01	36.87 3.41 -0.01	36.96 3.48 -0.01	42.55 4.11 -0.01	46.33 4.81 -0.01	49.31 5.12 -0.01	51.03 4.60 0.00	52.81 4.84 -0.05	53.44 4.22 0.49	56.02 4.73 0.74	60.67 5.96 0.93	67.80 6.83 -1.07	76.41 8.49 -4.13	117.15 8.36 -46.86	139.43 9.82 -59.49	175.50 10.62 -87.94	152.89 11.16 -64.23	89.13 10.36 -1.50	77.72 7.32 0.00	65.37 4.96 -0.67	56.94 4.67 -0.96	51.66 4.00 1.06
KEDC PORT_JEFF_GT3 24211	49.85 4.98 -0.01	44.21 4.54 -0.17	40.55 3.95 -0.01	36.87 3.41 -0.01	36.96 3.48 -0.01	42.55 4.11 -0.01	46.33 4.81 -0.01	49.31 5.12 -0.01	51.03 4.60 0.00	52.81 4.84 -0.05	53.44 4.22 0.49	56.02 4.73 0.74	60.67 5.96 0.93	67.80 6.83 -1.07	76.41 8.49 -4.13	117.15 8.36 -46.86	139.43 9.82 -59.49	175.50 10.62 -87.94	152.89 11.16 -64.23	89.13 10.36 -1.50	77.72 7.32 0.00	65.37 4.96 -0.67	56.94 4.67 -0.96	51.66 4.00 1.06
KEDC_GLWD_GT4 24219	49.18 4.31 -0.01	43.58 3.91 -0.17	40.11 3.51 -0.01	36.57 3.11 -0.01	36.56 3.08 -0.01	42.12 3.69 -0.01	45.83 4.32 -0.01	48.96 4.77 -0.01	51.12 4.69 0.00	52.96 4.98 -0.05	54.82 5.12 0.00	57.28 5.25 0.00	61.93 6.29 0.00	71.70 7.19 -4.61	90.41 8.67 -17.94	117.38 8.61 -46.85	139.55 9.95 -59.47	175.54 10.69 -87.91	121.06 11.23 -32.33	94.17 10.43 -6.48	78.21 7.81 0.00	65.24 5.49 0.00	63.87 4.72 -7.85	52.92 4.29 0.10
KEDC_GLWD_GT5 24220	49.18 4.31 -0.01	43.58 3.91 -0.17	40.11 3.51 -0.01	36.57 3.11 -0.01	36.56 3.08 -0.01	42.12 3.69 -0.01	45.83 4.32 -0.01	48.96 4.77 -0.01	51.12 4.69 0.00	52.96 4.98 -0.05	54.82 5.12 0.00	57.28 5.25 0.00	61.93 6.29 0.00	71.70 7.19 -4.61	90.41 8.67 -17.94	117.38 8.61 -46.85	139.55 9.95 -59.47	175.54 10.69 -87.91	121.06 11.23 -32.33	94.17 10.43 -6.48	78.21 7.81 0.00	65.24 5.49 0.00	63.87 4.72 -7.85	52.92 4.29 0.10
KENSICO____ 23655	48.41 3.54 0.00	42.70 3.20 0.00	39.48 2.89 0.00	36.00 2.54 0.00	35.98 2.51 0.00	41.46 3.04 0.00	45.08 3.57 0.00	48.20 4.02 0.00	50.61 4.18 0.00	52.14 4.17 -0.05	54.33 4.62 0.00	57.03 4.99 0.00	61.43 5.79 0.00	66.55 6.65 0.00	71.58 7.78 0.00	116.69 7.93 -46.84	138.70 9.12 -59.46	174.74 9.93 -87.88	120.02 10.23 -32.30	86.46 9.19 0.00	77.65 7.25 0.00	64.76 5.02 0.00	55.36 4.05 0.00	52.23 3.51 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.18 3.32 0.00	42.43 2.92 0.00	39.19 2.60 0.00	35.76 2.31 0.00	35.75 2.28 0.00	41.27 2.84 0.00	44.79 3.28 0.00	47.89 3.71 0.00	50.33 3.90 0.00	51.76 3.83 0.00	53.88 4.18 0.00	56.62 4.68 0.10	60.73 5.34 0.25	65.57 6.11 0.44	70.25 7.08 0.63	74.19 7.00 -5.27	79.96 7.99 -1.83	96.44 8.69 -10.80	96.60 8.99 -10.11	86.23 8.96 0.00	77.72 7.32 0.00	65.00 5.26 0.00	55.67 4.36 0.00	52.43 3.70 0.00

KIAC_JFK_GT1 23816	48.81 3.95 0.00	43.06 3.56 0.00	39.99 3.40 0.00	36.40 2.94 0.00	36.38 2.91 0.00	42.00 3.57 0.00	45.62 4.11 0.00	48.83 4.64 -0.01	51.37 4.92 -0.01	54.30 4.94 -1.44	54.90 5.12 -0.08	57.61 5.57 -0.01	62.04 6.40 0.00	67.21 7.31 0.00	72.34 8.55 0.00	117.38 8.61 -46.84	139.48 9.89 -59.47	175.53 10.69 -87.90	120.82 11.00 -32.32	87.31 10.04 0.00	78.35 7.95 0.00	65.30 5.56 0.00	55.99 4.67 -0.02	52.72 4.00 0.00
KIAC_JFK_GT2 23817	48.81 3.95 0.00	43.06 3.56 0.00	39.99 3.40 0.00	36.40 2.94 0.00	36.38 2.91 0.00	42.00 3.57 0.00	45.62 4.11 0.00	48.83 4.64 -0.01	51.37 4.92 -0.01	54.30 4.94 -1.44	54.90 5.12 -0.08	57.61 5.57 -0.01	62.04 6.40 0.00	67.21 7.31 0.00	72.34 8.55 0.00	117.38 8.61 -46.84	139.48 9.89 -59.47	175.53 10.69 -87.90	120.82 11.00 -32.32	87.31 10.04 0.00	78.35 7.95 0.00	65.30 5.56 0.00	55.99 4.67 -0.02	52.72 4.00 0.00
KIAC_JFK____ 323774	48.77 3.90 0.00	43.06 3.56 0.00	39.99 3.40 0.00	36.40 2.94 0.00	36.38 2.91 0.00	42.00 3.57 0.00	45.62 4.11 0.00	48.83 4.64 -0.01	51.32 4.87 -0.02	54.25 4.89 -1.44	54.90 5.12 -0.08	57.56 5.51 -0.01	62.04 6.40 0.00	67.03 7.13 0.00	72.35 8.55 0.00	117.44 8.67 -46.84	139.48 9.89 -59.47	175.30 10.46 -87.90	120.98 11.16 -32.32	87.62 10.36 0.00	78.35 7.95 0.00	65.36 5.61 0.00	56.04 4.72 -0.02	52.77 4.04 0.00
KINTIGH__24_KV_GSU 356498	44.46 -0.40 0.00	38.87 -0.63 0.00	35.49 -1.10 0.00	32.52 -0.94 0.00	32.43 -1.04 0.00	37.12 -1.31 0.00	39.77 -1.74 0.00	41.93 -2.25 0.00	44.62 -1.81 0.00	46.87 -1.05 0.00	48.36 -1.34 0.00	50.93 -1.10 0.00	54.03 -1.62 0.00	58.35 -1.56 0.00	62.39 -1.40 0.00	60.60 -2.29 -0.96	68.58 -1.54 0.00	75.02 -1.92 0.00	76.49 -1.01 0.00	75.72 -1.54 0.00	68.91 -1.48 0.00	58.55 -1.19 0.00	50.89 -0.41 0.00	49.16 0.44 0.00
KINTIGH____ 23543	44.37 -0.49 0.00	38.87 -0.63 0.00	35.49 -1.10 0.00	32.52 -0.94 0.00	32.40 -1.07 0.00	37.12 -1.31 0.00	39.77 -1.74 0.00	41.93 -2.25 0.00	44.53 -1.90 0.00	46.68 -1.25 0.00	48.36 -1.34 0.00	50.78 -1.25 0.00	54.03 -1.61 0.00	57.69 -2.22 0.00	62.39 -1.40 0.00	60.60 -2.29 -0.96	68.51 -1.61 0.00	75.01 -1.92 0.00	76.49 -1.01 0.00	75.72 -1.55 0.00	68.92 -1.48 0.00	58.61 -1.14 0.00	50.84 -0.46 0.00	49.16 0.44 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	44.73 -0.13 0.00	39.42 -0.08 0.00	36.48 -0.11 0.00	33.32 -0.13 0.00	33.44 -0.03 0.00	38.27 -0.15 0.00	41.51 0.00 0.00	44.09 -0.09 0.00	46.20 -0.23 0.00	47.59 -0.34 0.00	48.71 -0.99 0.00	50.83 -1.20 0.00	53.59 -2.06 0.00	57.27 -2.64 0.00	60.54 -3.25 0.00	58.71 -3.22 0.00	66.48 -3.65 0.00	73.40 -3.54 0.00	73.47 -4.03 0.00	74.10 -3.17 0.00	68.00 -2.39 0.00	58.07 -1.67 0.00	50.12 -1.18 0.00	48.04 -0.68 0.00
LACHUTE____HYDRO 323717	48.14 3.27 0.00	42.43 2.92 0.00	39.11 2.52 0.00	35.46 2.01 0.00	35.41 1.94 0.00	41.23 2.80 0.00	44.25 2.74 0.00	47.01 2.83 0.00	49.41 2.97 0.00	50.65 2.73 0.00	51.84 2.14 0.00	54.37 2.34 0.00	57.64 2.00 0.00	62.12 2.22 0.00	66.41 2.62 0.00	62.77 1.98 1.14	72.87 2.39 -0.36	83.13 4.62 -1.57	85.19 6.20 -1.49	84.22 6.96 0.00	79.23 6.20 -2.64	64.88 5.14 0.00	55.62 4.31 0.00	51.75 3.02 0.00
LAWRNCV_115KV_TB1 80681	45.09 0.22 0.00	39.74 0.24 0.00	36.77 0.18 0.00	33.59 0.13 0.00	33.67 0.20 0.00	38.58 0.15 0.00	41.76 0.25 0.00	44.36 0.18 0.00	46.53 0.09 0.00	47.97 0.05 0.00	49.50 -0.20 0.00	51.51 -0.52 0.00	54.87 -0.78 0.00	58.89 -1.02 0.00	62.14 -1.66 0.00	60.07 -1.86 0.00	67.46 -2.66 0.00	73.71 -3.23 0.00	73.86 -3.64 0.00	74.41 -2.86 0.00	68.42 -1.97 0.00	58.97 -0.78 0.00	51.20 -0.10 0.00	48.97 0.24 0.00
LEDERLE____ 23769	48.23 3.36 0.00	42.55 3.04 0.00	39.30 2.71 0.00	35.86 2.41 0.00	35.85 2.38 0.00	41.31 2.88 0.00	44.91 3.40 0.00	47.98 3.80 0.00	50.43 3.99 0.00	51.90 3.98 0.00	54.13 4.42 0.00	56.87 4.84 0.00	61.21 5.56 0.00	66.31 6.41 0.00	71.32 7.53 0.00	75.76 7.62 -6.22	82.70 8.70 -3.87	103.38 9.46 -16.98	103.24 9.69 -16.06	86.15 8.89 0.00	77.50 7.11 0.00	64.71 4.96 0.00	55.36 4.05 0.00	52.18 3.46 0.00
LIGHTHSE_115KV_TB6 355974	45.18 0.31 0.00	39.66 0.16 0.00	36.59 0.00 0.00	33.42 -0.03 0.00	33.47 0.00 0.00	38.54 0.12 0.00	41.59 0.08 0.00	44.32 0.13 0.00	46.53 0.09 0.00	48.07 0.14 0.00	49.75 0.05 0.00	51.93 -0.10 0.00	55.42 -0.22 0.00	59.54 -0.36 0.00	63.54 -0.26 0.00	61.85 -0.62 -0.54	69.64 -0.49 0.00	76.63 -0.31 0.00	77.81 0.31 0.00	77.73 0.46 0.00	70.89 0.49 0.00	60.10 0.36 0.00	51.72 0.41 0.00	49.26 0.54 0.00
LINDEN COGEN____ 23786	48.45 3.59 0.00	42.78 3.28 0.00	39.52 2.93 0.00	35.99 2.54 0.00	35.98 2.51 0.00	41.50 3.08 0.00	45.19 3.69 0.01	42.78 4.20 5.60	45.60 4.36 5.20	46.60 4.41 5.73	47.44 4.82 7.08	50.30 5.15 6.88	51.32 5.96 10.28	55.44 6.59 11.05	64.10 7.97 7.67	88.30 8.05 -18.33	110.18 9.18 -30.87	131.40 9.77 -44.69	101.08 10.23 -13.35	68.01 9.50 18.76	70.95 7.18 6.63	58.08 5.02 6.69	51.59 4.11 3.82	49.42 3.46 2.76
LINDHRST_69_KV_BK1 356055	50.20 5.34 0.00	44.45 4.78 -0.17	40.83 4.24 0.00	37.17 3.71 0.00	37.22 3.75 0.00	42.88 4.46 0.00	46.66 5.15 0.00	49.75 5.57 0.00	51.73 5.29 0.00	53.63 5.65 -0.05	54.61 5.02 0.11	57.53 5.67 0.17	62.33 6.90 0.21	70.51 8.27 -2.34	82.63 9.76 -9.07	118.19 9.41 -46.85	140.60 11.01 -59.47	177.08 12.23 -87.91	122.53 12.71 -32.32	92.20 11.67 -3.27	79.27 8.87 0.00	66.99 6.27 -0.97	60.55 5.59 -3.65	52.65 4.58 0.65
LIPA_MISC_IPP 23656	49.66 4.80 0.00	43.97 4.31 -0.17	40.32 3.73 0.00	36.66 3.21 0.00	36.75 3.28 0.00	42.31 3.88 0.00	46.08 4.57 0.00	49.04 4.86 0.00	50.94 4.50 0.00	52.77 4.79 -0.05	53.39 4.03 0.34	56.14 4.63 0.52	60.73 5.73 0.65	68.13 7.19 -1.03	76.40 8.61 -3.99	117.33 8.55 -46.86	139.63 10.03 -59.48	175.93 11.08 -87.92	137.84 11.47 -48.87	89.22 10.51 -1.44	78.00 7.60 0.00	65.33 4.90 -0.68	56.91 4.46 -1.14	51.42 3.65 0.96
LISF__SOLAR 323691	49.72 4.85 -0.01	44.09 4.42 -0.17	40.40 3.81 -0.01	36.74 3.28 -0.01	36.83 3.35 -0.01	42.43 4.00 -0.01	46.21 4.69 -0.01	49.14 4.95 -0.01	50.85 4.41 0.00	52.62 4.65 -0.05	53.47 4.12 0.36	56.17 4.68 0.54	60.86 5.90 0.68	68.14 7.19 -1.05	76.65 8.81 -4.04	117.52 8.73 -46.86	139.84 10.24 -59.48	176.02 11.15 -87.93	140.14 11.86 -50.78	89.70 10.97 -1.46	78.28 7.88 0.00	65.68 5.20 -0.74	57.12 4.67 -1.14	51.75 4.00 0.97
LITTLE FALLS__HYD 24013	45.54 0.67 0.00	40.06 0.55 0.00	37.07 0.48 0.00	33.85 0.40 0.00	33.87 0.40 0.00	39.00 0.58 0.00	42.09 0.58 0.00	44.80 0.62 0.00	47.13 0.70 0.00	48.64 0.72 0.00	50.40 0.70 0.00	52.71 0.68 0.00	56.31 0.67 0.00	60.62 0.72 0.00	64.56 0.77 0.00	62.73 0.81 0.00	70.90 0.77 0.00	77.94 1.00 0.00	78.66 1.16 0.00	78.50 1.24 0.00	71.38 0.99 0.00	60.58 0.84 0.00	52.02 0.72 0.00	49.26 0.54 0.00

LITTLRIV_115KV_TB1 356100	45.67 0.81 0.00	40.25 0.75 0.00	37.21 0.62 0.00	33.99 0.54 0.00	34.07 0.60 0.00	39.12 0.69 0.00	42.26 0.75 0.00	44.93 0.75 0.00	47.04 0.60 0.00	48.45 0.53 0.00	49.90 0.20 0.00	51.93 -0.10 0.00	55.20 -0.45 0.00	59.25 -0.66 0.00	62.46 -1.34 0.00	60.38 -1.55 0.00	67.88 -2.24 0.00	74.25 -2.69 0.00	74.55 -2.94 0.00	75.41 -1.85 0.00	69.41 -0.99 0.00	59.87 0.12 0.00	51.92 0.62 0.00	49.65 0.93 0.00
LI_NEWBRDGE___DRP 323616	49.08 4.22 0.00	43.46 3.79 -0.17	40.03 3.44 0.00	36.53 3.08 0.00	36.52 3.05 0.00	42.04 3.61 0.00	45.74 4.23 0.00	48.87 4.68 0.00	50.80 4.36 0.00	52.72 4.74 -0.05	53.87 4.18 0.00	56.76 4.73 0.00	61.43 5.79 0.00	67.17 7.01 -0.25	73.05 8.29 -0.96	116.89 8.11 -46.85	139.06 9.47 -59.47	175.31 10.46 -87.91	120.59 10.77 -32.32	87.34 9.74 -0.34	77.64 7.25 0.00	64.71 4.96 0.00	56.30 4.67 -0.33	51.71 3.80 0.82
LOCKPORT_115KV_TB60_63_64 80432	44.24 -0.63 0.00	38.75 -0.75 0.00	35.05 -1.54 0.00	32.38 -1.07 0.00	32.00 -1.47 0.00	36.62 -1.81 0.00	39.14 -2.37 0.00	41.18 -3.00 0.00	43.74 -2.69 0.00	46.01 -1.92 0.00	47.62 -2.09 0.00	50.00 -2.03 0.00	53.20 -2.45 0.00	56.79 -3.12 0.00	61.43 -2.36 0.00	59.52 -3.47 -1.06	67.53 -2.59 0.00	73.78 -3.15 0.00	75.64 -1.86 0.00	74.72 -2.55 0.00	68.00 -2.39 0.00	58.01 -1.73 0.00	50.74 -0.56 0.00	49.36 0.63 0.00
LOCKPORT___CC1 323769	44.19 -0.67 0.00	38.60 -0.91 0.00	34.98 -1.61 0.00	32.28 -1.17 0.00	32.17 -1.31 0.00	36.54 -1.88 0.00	39.06 -2.45 0.00	41.05 -3.14 0.00	43.74 -2.69 0.00	46.10 -1.82 0.00	47.52 -2.19 0.00	50.05 -1.98 0.00	53.09 -2.56 0.00	57.39 -2.51 0.00	61.31 -2.49 0.00	59.40 -3.59 -1.07	67.39 -2.74 0.00	73.63 -3.31 0.00	75.41 -2.09 0.00	74.49 -2.78 0.00	67.79 -2.60 0.00	57.83 -1.91 0.00	50.74 -0.56 0.00	49.31 0.59 0.00
LOCKPORT___CC2 323770	44.19 -0.67 0.00	38.60 -0.91 0.00	34.98 -1.61 0.00	32.28 -1.17 0.00	32.17 -1.31 0.00	36.54 -1.88 0.00	39.06 -2.45 0.00	41.05 -3.14 0.00	43.74 -2.69 0.00	46.10 -1.82 0.00	47.52 -2.19 0.00	50.05 -1.98 0.00	53.09 -2.56 0.00	57.39 -2.51 0.00	61.31 -2.49 0.00	59.40 -3.59 -1.07	67.39 -2.74 0.00	73.63 -3.31 0.00	75.41 -2.09 0.00	74.49 -2.78 0.00	67.79 -2.60 0.00	57.83 -1.91 0.00	50.74 -0.56 0.00	49.31 0.59 0.00
LOCKPORT___CC3 323771	44.19 -0.67 0.00	38.60 -0.91 0.00	34.98 -1.61 0.00	32.28 -1.17 0.00	32.17 -1.31 0.00	36.54 -1.88 0.00	39.06 -2.45 0.00	41.05 -3.14 0.00	43.74 -2.69 0.00	46.10 -1.82 0.00	47.52 -2.19 0.00	50.05 -1.98 0.00	53.09 -2.56 0.00	57.39 -2.51 0.00	61.31 -2.49 0.00	59.40 -3.59 -1.07	67.39 -2.74 0.00	73.63 -3.31 0.00	75.41 -2.09 0.00	74.49 -2.78 0.00	67.79 -2.60 0.00	57.83 -1.91 0.00	50.74 -0.56 0.00	49.31 0.59 0.00
LOCUSVLY_69_KV_BK2 55797	49.53 4.67 0.00	43.90 4.23 -0.17	40.36 3.77 0.00	36.80 3.35 0.00	36.79 3.31 0.00	42.38 3.96 0.00	46.12 4.61 0.00	49.22 5.04 0.00	51.35 4.92 0.00	53.15 5.18 -0.05	54.77 5.07 0.00	57.60 5.57 0.00	62.27 6.62 0.00	71.60 7.91 -3.79	87.85 9.31 -14.74	117.94 9.17 -46.85	140.18 10.59 -59.47	176.54 11.69 -87.91	121.76 11.93 -32.32	93.40 10.82 -5.32	78.70 8.31 0.00	65.54 5.80 0.00	62.79 5.03 -6.46	52.76 4.29 0.25
LONG_LAKE_PHOENIX 24014	44.24 -0.63 0.00	38.91 -0.59 0.00	35.97 -0.62 0.00	32.85 -0.60 0.00	32.87 -0.60 0.00	37.77 -0.65 0.00	40.80 -0.71 0.00	43.48 -0.71 0.00	45.78 -0.65 0.00	47.40 -0.53 0.00	49.16 -0.55 0.00	51.41 -0.62 0.00	54.98 -0.67 0.00	59.13 -0.78 0.00	63.22 -0.57 0.00	61.66 -0.87 -0.60	69.35 -0.77 0.00	76.17 -0.77 0.00	77.03 -0.46 0.00	76.65 -0.62 0.00	69.76 -0.63 0.00	59.03 -0.72 0.00	50.64 -0.67 0.00	48.19 -0.54 0.00
LOVETT___3 23632	48.05 3.19 0.00	42.43 2.92 0.00	39.19 2.60 0.00	35.76 2.31 0.00	35.75 2.28 0.00	41.15 2.73 0.00	44.75 3.24 0.00	47.81 3.62 0.00	50.19 3.76 0.00	51.66 3.74 0.00	53.83 4.13 0.00	56.56 4.53 0.00	60.87 5.23 0.00	65.95 6.05 0.00	71.00 7.21 0.00	75.46 7.31 -6.23	82.42 8.34 -3.94	103.38 9.16 -17.29	103.23 9.38 -16.35	85.69 8.42 0.00	77.01 6.62 0.00	64.35 4.60 0.00	55.00 3.69 0.00	51.89 3.17 0.00
LOVETT___4 23642	48.05 3.19 0.00	42.43 2.92 0.00	39.19 2.60 0.00	35.76 2.31 0.00	35.75 2.28 0.00	41.15 2.73 0.00	44.75 3.24 0.00	47.81 3.62 0.00	50.19 3.76 0.00	51.66 3.74 0.00	53.83 4.13 0.00	56.56 4.53 0.00	60.87 5.23 0.00	65.95 6.05 0.00	71.00 7.21 0.00	75.46 7.31 -6.23	82.42 8.34 -3.94	103.38 9.16 -17.29	103.23 9.38 -16.35	85.69 8.42 0.00	77.01 6.62 0.00	64.35 4.60 0.00	55.00 3.69 0.00	51.89 3.17 0.00
LOVETT___5 23593	48.05 3.19 0.00	42.43 2.92 0.00	39.19 2.60 0.00	35.76 2.31 0.00	35.75 2.28 0.00	41.15 2.73 0.00	44.75 3.24 0.00	47.81 3.62 0.00	50.19 3.76 0.00	51.66 3.74 0.00	53.83 4.13 0.00	56.56 4.53 0.00	60.87 5.23 0.00	65.95 6.05 0.00	71.00 7.21 0.00	75.46 7.31 -6.23	82.42 8.34 -3.94	103.38 9.16 -17.29	103.23 9.38 -16.35	85.69 8.42 0.00	77.01 6.62 0.00	64.35 4.60 0.00	55.00 3.69 0.00	51.89 3.17 0.00
LOWER RAQUET___HYD 24057	45.14 0.27 0.00	39.78 0.28 0.00	36.81 0.22 0.00	33.59 0.13 0.00	33.67 0.20 0.00	38.62 0.19 0.00	41.80 0.29 0.00	44.41 0.22 0.00	46.57 0.14 0.00	47.92 0.00 0.00	49.51 -0.20 0.00	51.51 -0.52 0.00	54.87 -0.78 0.00	58.83 -1.08 0.00	62.14 -1.66 0.00	59.94 -1.98 0.00	67.25 -2.88 0.00	73.55 -3.38 0.00	73.55 -3.95 0.00	74.02 -3.24 0.00	68.21 -2.18 0.00	58.91 -0.84 0.00	51.00 -0.31 0.00	49.02 0.29 0.00
LOWER___HUDSON 24059	46.75 1.88 0.00	41.28 1.78 0.00	38.31 1.72 0.00	34.99 1.54 0.00	34.98 1.51 0.00	40.19 1.77 0.00	43.46 1.95 0.00	46.22 2.03 0.00	48.43 2.00 0.00	49.94 2.01 0.00	51.79 2.09 0.00	54.27 2.24 0.00	58.15 2.51 0.00	62.66 2.76 0.00	67.17 3.38 0.00	64.64 3.53 0.81	74.71 4.00 -0.59	84.14 4.62 -2.59	85.14 5.19 -2.45	82.36 5.10 0.00	81.34 4.08 -6.87	62.73 2.99 0.00	53.56 2.25 0.00	50.58 1.85 0.00
LOWVILLE_115KV_TB2 356335	46.57 1.70 0.00	40.89 1.38 0.00	37.29 0.70 0.00	34.02 0.57 0.00	34.11 0.64 0.00	39.42 1.00 0.00	42.51 1.00 0.00	45.33 1.15 0.00	47.64 1.21 0.00	49.03 1.10 0.00	50.60 0.89 0.00	52.86 0.83 0.00	56.26 0.61 0.00	60.38 0.48 0.00	64.05 0.26 0.00	62.27 0.06 -0.28	70.20 0.07 0.00	77.32 0.38 0.00	78.82 1.32 0.00	79.04 1.78 0.00	72.23 1.83 0.00	61.54 1.79 0.00	52.95 1.64 0.00	50.23 1.51 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	47.29 2.42 0.00	41.72 2.21 0.00	38.64 2.05 0.00	35.26 1.81 0.00	35.21 1.74 0.00	40.58 2.15 0.00	43.79 2.28 0.00	46.57 2.39 0.00	48.85 2.41 0.00	50.27 2.35 0.00	51.99 2.29 0.00	54.48 2.45 0.00	58.20 2.56 0.00	62.84 2.94 0.00	67.24 3.44 0.00	64.25 3.41 1.08	74.45 3.93 -0.40	83.53 4.85 -1.75	84.65 5.50 -1.65	82.67 5.41 0.00	78.26 4.65 -3.22	63.33 3.58 0.00	54.23 2.92 0.00	51.06 2.34 0.00

LUTHERNY_35_KV_BK2 355980	47.33 2.47 0.00	41.76 2.25 0.00	38.64 2.05 0.00	35.26 1.81 0.00	35.25 1.77 0.00	40.62 2.19 0.00	43.79 2.28 0.00	46.61 2.43 0.00	48.89 2.46 0.00	50.32 2.40 0.00	52.04 2.34 0.00	54.53 2.50 0.00	58.26 2.62 0.00	62.90 3.00 0.00	67.24 3.44 0.00	64.25 3.41 1.08	74.45 3.93 -0.40	83.61 4.92 -1.75	84.73 5.58 -1.65	82.75 5.49 0.00	78.33 4.72 -3.22	63.39 3.64 0.00	54.23 2.92 0.00	51.11 2.39 0.00
LWR___OSWEGATCHIE_HYD 23850	45.76 0.90 0.00	40.25 0.75 0.00	36.96 0.37 0.00	33.75 0.30 0.00	33.84 0.37 0.00	38.96 0.54 0.00	42.09 0.58 0.00	44.85 0.66 0.00	47.08 0.65 0.00	48.45 0.53 0.00	50.00 0.30 0.00	52.13 0.10 0.00	55.48 -0.17 0.00	59.54 -0.36 0.00	63.03 -0.77 0.00	60.81 -1.11 0.00	68.58 -1.54 0.00	75.32 -1.62 0.00	76.26 -1.24 0.00	76.72 -0.54 0.00	70.32 -0.07 0.00	60.16 0.42 0.00	52.13 0.82 0.00	49.65 0.93 0.00
LYONS_FALL_HYD 23570	46.39 1.53 0.00	40.77 1.26 0.00	37.36 0.77 0.00	34.12 0.67 0.00	34.18 0.70 0.00	39.46 1.04 0.00	42.55 1.04 0.00	45.38 1.19 0.00	47.78 1.35 0.00	49.26 1.34 0.00	50.89 1.19 0.00	53.23 1.20 0.00	56.65 1.00 0.00	60.92 1.02 0.00	64.69 0.89 0.00	62.87 0.68 -0.26	70.90 0.77 0.00	78.01 1.08 0.00	79.36 1.86 0.00	79.51 2.24 0.00	72.50 2.11 0.00	61.60 1.85 0.00	53.00 1.69 0.00	50.24 1.51 0.00
MADISON___COUNTY_LFGE 323628	46.43 1.57 0.00	40.77 1.26 0.00	37.65 1.06 0.00	34.39 0.94 0.00	34.44 0.97 0.00	39.69 1.27 0.00	42.80 1.29 0.00	45.64 1.46 0.00	48.11 1.67 0.00	49.70 1.77 0.00	51.44 1.74 0.00	53.90 1.87 0.00	57.48 1.84 0.00	61.82 1.92 0.00	65.84 2.04 0.00	64.16 1.80 -0.44	72.23 2.10 0.00	79.48 2.54 0.00	80.60 3.10 0.00	80.51 3.25 0.00	73.28 2.89 0.00	62.20 2.45 0.00	53.36 2.05 0.00	50.58 1.85 0.00
MALONE___115KV_TB1 356076	44.86 0.00 0.00	39.54 0.04 0.00	36.59 0.00 0.00	33.42 -0.03 0.00	33.51 0.03 0.00	38.39 -0.04 0.00	41.63 0.12 0.00	44.27 0.09 0.00	46.39 -0.05 0.00	47.83 -0.10 0.00	49.16 -0.55 0.00	51.30 -0.73 0.00	54.42 -1.22 0.00	58.29 -1.62 0.00	61.56 -2.23 0.00	59.64 -2.29 0.00	67.39 -2.73 0.00	74.17 -2.77 0.00	74.24 -3.25 0.00	74.95 -2.32 0.00	68.85 -1.55 0.00	58.97 -0.78 0.00	50.79 -0.51 0.00	48.53 -0.19 0.00
MAPLEWOD_115KV_TB3 80458	45.99 1.12 0.00	40.53 1.03 0.00	37.72 1.13 0.00	34.46 1.00 0.00	34.44 0.97 0.00	39.58 1.15 0.00	42.67 1.16 0.00	45.51 1.33 0.00	47.64 1.21 0.00	49.03 1.10 0.00	51.00 1.29 0.00	53.38 1.35 0.00	57.15 1.50 0.00	61.70 1.80 0.00	66.03 2.23 0.00	62.95 2.29 1.27	72.98 2.52 -0.33	81.46 3.08 -1.45	82.20 3.33 -1.37	80.28 3.01 0.00	70.41 2.32 2.31	61.30 1.55 0.00	52.59 1.28 0.00	49.70 0.97 0.00
MAPLE_RIDGE_WT_1 323574	44.33 -0.54 0.00	38.99 -0.51 0.00	36.08 -0.51 0.00	32.98 -0.47 0.00	33.00 -0.47 0.00	37.89 -0.54 0.00	40.97 -0.54 0.00	43.61 -0.58 0.00	45.83 -0.60 0.00	47.25 -0.67 0.00	48.96 -0.74 0.00	51.25 -0.78 0.00	54.75 -0.89 0.00	58.89 -1.02 0.00	62.65 -1.15 0.00	60.88 -1.05 0.00	68.87 -1.26 0.00	75.70 -1.23 0.00	76.26 -1.24 0.00	76.18 -1.08 0.00	69.41 -0.99 0.00	58.91 -0.84 0.00	50.54 -0.77 0.00	47.99 -0.73 0.00
MAPLE_RIDGE_WT_2 323611	44.33 -0.54 0.00	38.99 -0.51 0.00	36.08 -0.51 0.00	32.98 -0.47 0.00	33.00 -0.47 0.00	37.89 -0.54 0.00	40.97 -0.54 0.00	43.61 -0.58 0.00	45.83 -0.60 0.00	47.25 -0.67 0.00	48.96 -0.74 0.00	51.25 -0.78 0.00	54.75 -0.89 0.00	58.89 -1.02 0.00	62.65 -1.15 0.00	60.88 -1.05 0.00	68.87 -1.26 0.00	75.70 -1.23 0.00	76.26 -1.24 0.00	76.18 -1.08 0.00	69.41 -0.99 0.00	58.91 -0.84 0.00	50.54 -0.77 0.00	47.99 -0.73 0.00
MARBLE_RIVER_WT_PWR 323696	44.33 -0.54 0.00	39.03 -0.47 0.00	36.15 -0.44 0.00	33.02 -0.44 0.00	33.10 -0.37 0.00	37.97 -0.46 0.00	41.14 -0.37 0.00	43.70 -0.49 0.00	45.78 -0.65 0.00	46.97 -0.96 0.00	48.46 -1.24 0.00	50.57 -1.46 0.00	53.53 -2.11 0.00	57.33 -2.57 0.00	60.61 -3.19 0.00	58.83 -3.09 0.00	66.55 -3.57 0.00	73.48 -3.46 0.00	73.47 -4.03 0.00	73.79 -3.48 0.00	67.72 -2.67 0.00	57.83 -1.91 0.00	49.82 -1.49 0.00	47.65 -1.07 0.00
MARSHVLE_115KV_TB1 80742	48.27 3.41 0.00	42.43 2.92 0.00	39.22 2.63 0.00	35.79 2.34 0.00	35.82 2.34 0.00	41.42 3.00 0.00	44.58 3.07 0.00	47.23 3.05 0.00	49.45 3.02 0.00	50.70 2.78 0.00	52.44 2.73 0.00	54.79 2.76 0.00	58.37 2.73 0.00	62.90 3.00 0.00	67.30 3.51 0.00	64.89 3.47 0.50	74.53 4.14 -0.26	83.63 5.54 -1.15	85.10 6.51 -1.09	84.22 6.95 0.00	77.29 6.34 -0.56	64.82 5.08 0.00	55.56 4.26 0.00	52.28 3.56 0.00
MARSH_HILL_WT_PWR 323713	44.95 0.09 0.00	39.07 -0.43 0.00	35.93 -0.66 0.00	32.92 -0.54 0.00	32.84 -0.64 0.00	37.74 -0.69 0.00	40.64 -0.87 0.00	42.77 -1.42 0.00	45.37 -1.07 0.00	46.97 -0.96 0.00	48.36 -1.34 0.00	50.89 -1.14 0.00	54.20 -1.45 0.00	58.64 -1.26 0.00	62.71 -1.08 0.00	61.43 -2.04 -1.54	69.13 -1.19 -0.19	76.63 -1.15 -0.84	78.68 0.39 -0.80	78.04 0.77 0.00	71.17 0.78 0.00	60.40 0.66 0.00	52.18 0.87 0.00	50.14 1.41 0.00
MCINTYRE_115KV_TB2 80467	45.85 0.99 0.00	40.41 0.91 0.00	37.40 0.80 0.00	34.12 0.67 0.00	34.21 0.74 0.00	39.27 0.85 0.00	42.42 0.91 0.00	45.02 0.84 0.00	47.08 0.65 0.00	48.45 0.53 0.00	49.85 0.15 0.00	51.87 -0.16 0.00	55.20 -0.45 0.00	59.25 -0.66 0.00	62.46 -1.34 0.00	60.44 -1.49 0.00	68.16 -1.96 0.00	74.78 -2.15 0.00	75.10 -2.40 0.00	76.03 -1.24 0.00	70.04 -0.35 0.00	60.34 0.60 0.00	52.23 0.92 0.00	49.89 1.17 0.00
MECO_____69_KV_BK1 80468	48.86 3.99 0.00	42.98 3.48 0.00	39.70 3.11 0.00	36.20 2.74 0.00	36.22 2.74 0.00	41.92 3.50 0.00	45.16 3.65 0.00	47.94 3.76 0.00	50.19 3.76 0.00	51.47 3.55 0.00	53.18 3.48 0.00	55.57 3.54 0.00	59.21 3.56 0.00	63.80 3.89 0.00	68.20 4.40 0.00	65.38 4.27 0.82	75.42 5.05 -0.25	84.72 6.69 -1.09	86.12 7.59 -1.03	85.22 7.96 0.00	78.12 7.11 -0.61	65.54 5.80 0.00	56.23 4.93 0.00	52.77 4.04 0.00
MENANDS___115KV_TB5 355628	45.63 0.76 0.00	40.25 0.75 0.00	37.47 0.88 0.00	34.26 0.80 0.00	34.24 0.77 0.00	39.31 0.88 0.00	42.42 0.91 0.00	45.20 1.02 0.00	47.32 0.88 0.00	48.69 0.77 0.00	50.70 0.99 0.00	53.07 1.04 0.00	56.81 1.17 0.00	61.34 1.44 0.00	65.65 1.85 0.00	62.57 1.92 1.28	72.56 2.10 -0.33	80.91 2.54 -1.43	81.57 2.71 -1.36	79.66 2.40 0.00	69.75 1.76 2.40	60.82 1.08 0.00	52.13 0.82 0.00	49.36 0.63 0.00
MG INDUSTRY___DRP 24185	45.63 0.76 0.00	40.25 0.75 0.00	37.47 0.88 0.00	34.26 0.80 0.00	34.24 0.77 0.00	39.31 0.88 0.00	42.34 0.83 0.00	45.02 0.84 0.00	47.08 0.65 0.00	48.40 0.48 0.00	50.30 0.60 0.00	51.10 -0.31 0.62	53.65 -0.33 1.66	56.85 -0.18 2.88	59.85 0.13 4.07	57.87 0.25 4.30	64.73 0.21 5.61	70.78 0.46 6.62	71.25 0.70 6.95	77.65 0.39 0.00	69.17 0.14 1.37	59.49 -0.24 0.02	51.05 -0.26 0.00	49.31 0.58 0.00

MID___OSWEGATCHIE_HYD 23849	45.76 0.90 0.00	40.25 0.75 0.00	36.96 0.37 0.00	33.75 0.30 0.00	33.84 0.37 0.00	38.96 0.54 0.00	42.09 0.58 0.00	44.85 0.66 0.00	47.08 0.65 0.00	48.45 0.53 0.00	50.00 0.30 0.00	52.13 0.10 0.00	55.48 -0.17 0.00	59.54 -0.36 0.00	63.03 -0.77 0.00	60.81 -1.11 0.00	68.58 -1.54 0.00	75.32 -1.62 0.00	76.26 -1.24 0.00	76.72 -0.54 0.00	70.32 -0.07 0.00	60.16 0.42 0.00	52.13 0.82 0.00	49.65 0.93 0.00
MID___RAQUETTE_HYD 23851	45.13 0.27 0.00	39.78 0.28 0.00	36.81 0.22 0.00	33.59 0.13 0.00	33.67 0.20 0.00	38.62 0.19 0.00	41.80 0.29 0.00	44.40 0.22 0.00	46.57 0.14 0.00	48.02 0.10 0.00	49.50 -0.20 0.00	51.51 -0.52 0.00	54.87 -0.78 0.00	58.89 -1.02 0.00	62.14 -1.66 0.00	59.95 -1.98 0.00	67.25 -2.88 0.00	73.40 -3.54 0.00	73.55 -3.95 0.00	74.17 -3.09 0.00	68.21 -2.18 0.00	58.91 -0.84 0.00	51.20 -0.10 0.00	49.02 0.29 0.00
MILLIKEN___1 23584	46.08 1.21 0.00	40.45 0.95 0.00	37.36 0.77 0.00	34.09 0.64 0.00	34.14 0.67 0.00	39.27 0.85 0.00	42.38 0.87 0.00	45.11 0.93 0.00	47.55 1.11 0.00	49.17 1.25 0.00	50.90 1.19 0.00	53.28 1.25 0.00	56.98 1.34 0.00	61.34 1.44 0.00	65.65 1.85 0.00	64.85 1.42 -1.49	72.35 2.03 -0.19	80.22 2.46 -0.82	81.45 3.18 -0.78	80.28 3.01 0.00	73.07 2.68 0.00	61.78 2.03 0.00	53.00 1.69 0.00	50.38 1.66 0.00
MILLIKEN___2 23585	46.08 1.21 0.00	40.45 0.95 0.00	37.36 0.77 0.00	34.09 0.64 0.00	34.14 0.67 0.00	39.27 0.85 0.00	42.38 0.87 0.00	45.11 0.93 0.00	47.55 1.11 0.00	49.17 1.25 0.00	50.90 1.19 0.00	53.28 1.25 0.00	56.98 1.34 0.00	61.34 1.44 0.00	65.65 1.85 0.00	64.85 1.42 -1.49	72.35 2.03 -0.19	80.22 2.46 -0.82	81.45 3.18 -0.78	80.28 3.01 0.00	73.07 2.68 0.00	61.78 2.03 0.00	53.00 1.69 0.00	50.38 1.66 0.00
MILLIKEN___DIESEL 23629	46.08 1.21 0.00	40.45 0.95 0.00	37.36 0.77 0.00	34.09 0.64 0.00	34.14 0.67 0.00	39.27 0.85 0.00	42.38 0.87 0.00	45.11 0.93 0.00	47.55 1.11 0.00	49.17 1.25 0.00	50.90 1.19 0.00	53.28 1.25 0.00	56.98 1.34 0.00	61.34 1.44 0.00	65.65 1.85 0.00	64.85 1.42 -1.49	72.35 2.03 -0.19	80.22 2.46 -0.82	81.45 3.18 -0.78	80.28 3.01 0.00	73.07 2.68 0.00	61.78 2.03 0.00	53.00 1.69 0.00	50.38 1.66 0.00
MILLSEAT___LFGE 323607	45.45 0.58 0.00	39.66 0.16 0.00	35.89 -0.70 0.00	33.12 -0.33 0.00	33.04 -0.44 0.00	37.58 -0.85 0.00	40.22 -1.29 0.00	42.64 -1.55 0.00	45.37 -1.07 0.00	47.68 -0.24 0.00	49.11 -0.59 0.00	51.67 -0.36 0.00	54.87 -0.78 0.00	59.36 -0.54 0.00	63.48 -0.32 0.00	61.33 -1.61 -1.02	69.85 -0.28 0.00	76.32 -0.62 0.00	78.12 0.62 0.00	77.27 0.00 0.00	70.47 0.07 0.00	60.05 0.30 0.00	52.28 0.97 0.00	50.62 1.90 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	48.27 3.41 0.00	42.62 3.12 0.00	39.37 2.78 0.00	35.93 2.48 0.00	35.92 2.44 0.00	41.35 2.92 0.00	44.95 3.45 0.00	48.03 3.84 0.00	50.47 4.04 0.00	51.94 3.98 -0.04	54.13 4.42 0.00	56.82 4.79 0.00	61.21 5.56 0.00	66.31 6.41 0.00	71.39 7.59 0.00	116.43 7.68 -46.83	138.40 8.84 -59.44	174.33 9.62 -87.77	119.62 9.92 -32.20	86.15 8.89 0.00	77.36 6.97 0.00	64.65 4.90 0.00	55.20 3.90 0.00	52.09 3.36 0.00
MILLWOOD_13_KV_LOAD 356217	48.50 3.63 0.00	42.82 3.32 0.00	39.52 2.93 0.00	36.06 2.61 0.00	36.05 2.58 0.00	41.50 3.07 0.00	45.16 3.65 0.00	48.20 4.02 0.00	50.71 4.27 0.00	52.18 4.22 -0.04	54.43 4.72 0.00	57.13 5.10 0.00	61.60 5.95 0.00	66.79 6.89 0.00	71.96 8.17 0.00	117.05 8.30 -46.83	139.10 9.54 -59.44	175.10 10.39 -87.77	120.39 10.69 -32.20	86.85 9.58 0.00	77.86 7.46 0.00	64.94 5.20 0.00	55.41 4.10 0.00	52.28 3.56 0.00
MODEL_CITY_ENERGY 24167	44.06 -0.81 0.00	38.56 -0.95 0.00	34.76 -1.83 0.00	32.22 -1.24 0.00	32.13 -1.34 0.00	36.31 -2.11 0.00	38.81 -2.70 0.00	40.78 -3.40 0.00	43.46 -2.97 0.00	45.77 -2.16 0.00	47.22 -2.48 0.00	49.69 -2.34 0.00	52.69 -2.95 0.00	57.03 -2.87 0.00	60.86 -2.93 0.00	59.04 -3.96 -1.07	66.97 -3.15 0.00	73.17 -3.77 0.00	74.86 -2.64 0.00	73.94 -3.32 0.00	67.30 -3.10 0.00	57.35 -2.39 0.00	50.18 -1.13 0.00	48.82 0.10 0.00
MODERN_LFGE___ 323580	44.06 -0.81 0.00	38.56 -0.95 0.00	34.76 -1.83 0.00	32.22 -1.24 0.00	32.13 -1.34 0.00	36.31 -2.11 0.00	38.81 -2.70 0.00	40.78 -3.40 0.00	43.46 -2.97 0.00	45.77 -2.16 0.00	47.22 -2.48 0.00	49.69 -2.34 0.00	52.69 -2.95 0.00	57.03 -2.87 0.00	60.86 -2.93 0.00	59.04 -3.96 -1.07	66.97 -3.15 0.00	73.17 -3.77 0.00	74.86 -2.64 0.00	73.94 -3.32 0.00	67.30 -3.10 0.00	57.35 -2.39 0.00	50.18 -1.13 0.00	48.82 0.10 0.00
MOHAWK_PAPER___DRP 24187	45.99 1.12 0.00	40.53 1.03 0.00	37.72 1.13 0.00	34.46 1.00 0.00	34.44 0.97 0.00	39.58 1.15 0.00	42.67 1.16 0.00	45.51 1.33 0.00	47.64 1.21 0.00	49.03 1.10 0.00	51.00 1.29 0.00	53.38 1.35 0.00	57.15 1.50 0.00	61.70 1.80 0.00	66.03 2.23 0.00	62.95 2.29 1.27	72.98 2.52 -0.33	81.46 3.08 -1.45	82.20 3.33 -1.37	80.28 3.01 0.00	70.41 2.32 2.31	61.30 1.55 0.00	52.59 1.28 0.00	49.70 0.97 0.00
MOHICAN___35_KV_115KV_LD 80490	47.29 2.42 0.00	41.72 2.21 0.00	38.60 2.01 0.00	35.19 1.74 0.00	35.15 1.67 0.00	40.58 2.15 0.00	43.75 2.24 0.00	46.52 2.34 0.00	48.85 2.41 0.00	50.22 2.30 0.00	51.69 1.99 0.00	54.16 2.13 0.00	57.70 2.06 0.00	62.30 2.40 0.00	66.60 2.81 0.00	63.49 2.66 1.10	73.60 3.09 -0.39	82.96 4.31 -1.71	84.46 5.35 -1.62	82.60 5.33 0.00	78.13 4.65 -3.09	63.39 3.64 0.00	54.28 2.98 0.00	51.01 2.29 0.00
MONGAUP___HYD 23641	47.92 3.05 0.00	42.23 2.72 0.00	39.00 2.41 0.00	35.56 2.11 0.00	35.58 2.11 0.00	41.04 2.61 0.00	44.50 2.99 0.00	47.50 3.32 0.00	49.82 3.39 0.00	51.13 3.21 0.00	53.23 3.53 0.00	55.88 3.85 0.00	60.10 4.45 0.00	64.94 5.03 0.00	69.86 6.06 0.00	73.49 5.45 -6.11	79.83 6.24 -3.46	99.58 7.46 -15.19	99.85 7.98 -14.36	85.69 8.42 0.00	77.09 6.69 0.00	64.58 4.84 0.00	55.36 4.05 0.00	52.13 3.41 0.00
MONTAUK___DIESEL 23721	50.70 5.83 0.00	44.73 5.06 -0.17	40.87 4.28 0.00	37.07 3.61 0.00	37.22 3.75 0.00	42.84 4.42 0.00	46.74 5.23 0.00	49.79 5.61 0.00	51.91 5.48 0.00	53.97 5.99 -0.05	54.38 5.02 0.35	57.28 5.78 0.53	62.11 7.12 0.66	69.75 8.81 -1.04	78.33 10.53 -4.01	119.19 10.40 -46.86	141.81 12.20 -59.48	178.47 13.62 -87.92	141.03 13.95 -49.58	91.31 12.59 -1.45	79.34 8.94 0.00	66.30 5.86 -0.70	57.53 5.08 -1.14	52.44 4.68 0.96
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.42 -0.45 0.00	38.75 -0.75 0.00	35.27 -1.32 0.00	32.35 -1.10 0.00	32.27 -1.20 0.00	37.08 -1.34 0.00	40.02 -1.49 0.00	42.64 -1.55 0.00	45.32 -1.11 0.00	47.54 -0.38 0.00	49.21 -0.50 0.00	51.61 -0.42 0.00	54.92 -0.72 0.00	58.65 -1.26 0.00	63.35 -0.45 0.00	61.44 -1.73 -1.24	69.85 -0.28 0.00	77.17 0.23 0.00	78.97 1.47 0.00	78.04 0.77 0.00	70.39 0.00 0.00	60.04 0.30 0.00	52.07 0.77 0.00	50.58 1.85 0.00

MORRIS RIDGE___SOLAR 323848	44.60 -0.27 0.00	38.79 -0.71 0.00	35.64 -0.95 0.00	32.68 -0.77 0.00	32.60 -0.87 0.00	37.35 -1.08 0.00	40.18 -1.33 0.00	42.33 -1.85 0.00	44.85 -1.58 0.00	46.53 -1.39 0.00	47.92 -1.79 0.00	50.47 -1.56 0.00	53.69 -1.95 0.00	58.05 -1.86 0.00	62.14 -1.66 0.00	60.79 -2.60 -1.46	68.48 -1.82 -0.18	75.66 -2.07 -0.80	77.48 -0.77 -0.75	76.73 -0.54 0.00	70.04 -0.35 0.00	59.51 -0.24 0.00	51.51 0.21 0.00	49.60 0.88 0.00
MORTIMER_115KV_TB3 55949	45.13 0.27 0.00	39.54 0.04 0.00	36.19 -0.40 0.00	33.15 -0.30 0.00	33.10 -0.37 0.00	37.93 -0.50 0.00	40.76 -0.75 0.00	43.39 -0.80 0.00	45.92 -0.51 0.00	47.97 0.05 0.00	49.75 0.05 0.00	52.24 0.21 0.00	55.70 0.06 0.00	59.66 -0.24 0.00	64.31 0.51 0.00	62.41 -0.37 -0.86	70.48 0.35 0.00	77.25 0.31 0.00	78.66 1.16 0.00	77.88 0.62 0.00	71.03 0.63 0.00	60.28 0.54 0.00	51.97 0.67 0.00	49.89 1.17 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.72 3.86 0.00	42.98 3.48 0.00	39.70 3.11 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.27 0.00	45.41 3.90 0.00	48.51 4.33 0.00	51.05 4.60 -0.02	54.53 4.60 -2.00	54.84 5.02 -0.11	57.51 5.46 -0.02	61.88 6.23 0.00	67.03 7.13 0.00	72.09 8.29 0.00	117.13 8.36 -46.85	139.13 9.54 -59.47	175.23 10.39 -87.90	120.52 10.69 -32.32	86.92 9.66 0.00	78.00 7.60 0.00	65.06 5.32 0.00	55.67 4.36 0.00	52.48 3.75 0.00
MUNSVILLE_WIND_PWR 323609	48.45 3.59 0.00	42.39 2.88 0.00	39.08 2.49 0.00	35.66 2.21 0.00	35.78 2.31 0.00	41.46 3.03 0.00	44.58 3.07 0.00	47.67 3.49 0.00	50.43 3.99 0.00	52.19 4.26 0.00	53.68 3.98 0.00	56.30 4.27 0.00	59.70 4.06 0.00	64.34 4.43 0.00	68.45 4.65 0.00	68.23 4.02 -2.28	75.19 4.77 -0.29	83.91 5.69 -1.27	86.07 7.37 -1.21	84.99 7.73 0.00	77.37 6.97 0.00	65.60 5.86 0.00	56.34 5.03 0.00	53.40 4.68 0.00
N SALMON___HYD 24042	44.86 0.00 0.00	39.54 0.04 0.00	36.59 0.00 0.00	33.42 -0.03 0.00	33.51 0.03 0.00	38.39 -0.04 0.00	41.63 0.12 0.00	44.27 0.09 0.00	46.39 -0.05 0.00	47.68 -0.24 0.00	49.16 -0.55 0.00	51.25 -0.78 0.00	54.42 -1.22 0.00	58.29 -1.61 0.00	61.56 -2.23 0.00	59.64 -2.29 0.00	67.39 -2.74 0.00	74.32 -2.62 0.00	74.25 -3.25 0.00	74.79 -2.48 0.00	68.85 -1.55 0.00	58.97 -0.78 0.00	50.74 -0.56 0.00	48.53 -0.19 0.00
N.AKRON__115KV_KNAPP 355671	45.40 0.54 0.00	39.70 0.20 0.00	35.93 -0.66 0.00	33.15 -0.30 0.00	32.87 -0.60 0.00	37.62 -0.81 0.00	40.26 -1.25 0.00	42.68 -1.50 0.00	45.32 -1.11 0.00	47.49 -0.43 0.00	49.16 -0.55 0.00	51.61 -0.42 0.00	54.92 -0.72 0.00	58.71 -1.20 0.00	63.54 -0.26 0.00	61.40 -1.55 -1.02	69.56 -0.56 0.00	76.32 -0.62 0.00	78.27 0.77 0.00	77.34 0.08 0.00	70.54 0.14 0.00	60.16 0.42 0.00	52.33 1.03 0.00	50.67 1.95 0.00
N.E_GEN_SANDY PD 24062	47.74 2.87 0.00	43.40 2.76 -1.13	40.89 2.49 -1.81	37.90 2.24 -2.21	40.00 2.21 -4.32	41.00 2.57 0.00	44.50 2.99 0.00	47.41 3.22 0.00	49.64 3.20 0.00	51.23 3.30 0.00	53.28 3.58 0.00	55.88 3.85 0.00	60.10 4.45 0.00	64.82 4.91 0.00	69.79 5.99 0.00	72.70 6.32 -4.45	81.00 7.16 -3.72	101.00 7.77 -16.29	101.36 8.45 -15.41	85.38 8.11 0.00	77.95 6.34 -1.22	65.01 4.54 -0.73	53.91 3.33 0.73	51.50 2.78 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.09 3.23 0.00	42.47 2.96 0.00	39.22 2.63 0.00	35.79 2.34 0.00	35.78 2.31 0.00	41.23 2.81 0.00	44.79 3.28 0.00	47.85 3.67 0.00	50.29 3.85 0.00	51.76 3.83 0.00	53.93 4.22 0.00	56.66 4.63 0.00	60.99 5.34 0.00	66.07 6.17 0.00	71.13 7.34 0.00	75.58 7.43 -6.22	82.52 8.49 -3.91	103.29 9.23 -17.12	103.14 9.45 -16.19	85.92 8.65 0.00	77.22 6.83 0.00	64.53 4.78 0.00	55.15 3.85 0.00	52.04 3.31 0.00
N.QUEENS_27_KV_LOAD 356247	49.04 4.17 0.00	43.18 3.67 0.00	39.88 3.29 0.00	36.33 2.88 0.00	36.32 2.85 0.00	41.73 3.30 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.33 4.88 -0.02	54.24 4.89 -1.43	55.26 5.47 -0.09	57.82 5.78 -0.02	62.15 6.51 0.00	67.69 7.79 0.00	72.73 8.93 0.00	117.63 8.86 -46.85	139.69 10.10 -59.47	175.77 10.93 -87.91	120.83 11.00 -32.33	87.39 10.12 -0.01	78.35 7.95 0.00	65.18 5.44 0.00	56.13 4.82 0.00	52.91 4.19 0.00
N.TROY___115KV_TB1 355778	46.79 1.93 0.00	41.28 1.78 0.00	38.31 1.72 0.00	34.99 1.54 0.00	34.98 1.51 0.00	40.19 1.77 0.00	43.42 1.91 0.00	46.22 2.03 0.00	48.43 2.00 0.00	49.84 1.92 0.00	51.79 2.09 0.00	54.32 2.29 0.00	58.15 2.50 0.00	62.78 2.88 0.00	67.18 3.38 0.00	64.64 3.53 0.81	74.71 4.00 -0.59	84.22 4.69 -2.59	85.14 5.19 -2.45	82.13 4.87 0.00	81.28 4.01 -6.87	62.67 2.93 0.00	53.56 2.26 0.00	50.58 1.85 0.00
NARROWS_GT1_1 24228	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.40 9.82 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.13 4.82 -0.01	52.83 4.09 -0.01
NARROWS_GT1_2 24229	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.40 9.82 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.13 4.82 -0.01	52.83 4.09 -0.01
NARROWS_GT1_3 24230	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.40 9.82 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.13 4.82 -0.01	52.83 4.09 -0.01
NARROWS_GT1_4 24231	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.40 9.82 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.13 4.82 -0.01	52.83 4.09 -0.01
NARROWS_GT1_5 24232	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.40 9.82 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.13 4.82 -0.01	52.83 4.09 -0.01

NARROWS_GT1_6 24233	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.40 9.82 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.13 4.82 -0.01	52.83 4.09 -0.01
NARROWS_GT1_7 24234	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.40 9.82 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.13 4.82 -0.01	52.83 4.09 -0.01
NARROWS_GT1_8 24235	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.40 9.82 -59.46	175.22 10.38 -87.89	120.66 10.85 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.13 4.82 -0.01	52.83 4.09 -0.01
NARROWS_GT2_1 24236	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
NARROWS_GT2_2 24237	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
NARROWS_GT2_3 24238	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
NARROWS_GT2_4 24239	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
NARROWS_GT2_5 24240	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
NARROWS_GT2_6 24241	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
NARROWS_GT2_7 24242	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
NARROWS_GT2_8 24243	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.28 6.62 -0.01	67.27 7.37 0.00	72.41 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.23 10.38 -87.91	120.67 10.85 -32.32	87.31 10.04 0.00	78.00 7.61 0.00	65.13 5.38 0.00	56.13 4.82 -0.01	52.83 4.09 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	45.99 1.12 0.00	40.53 1.03 0.00	37.69 1.10 0.00	34.42 0.97 0.00	34.41 0.94 0.00	39.62 1.19 0.00	42.63 1.12 0.00	45.38 1.19 0.00	47.22 0.79 0.00	48.45 0.53 0.00	50.30 0.60 0.00	52.18 0.94 0.79	54.48 0.95 2.11	57.50 1.26 3.66	60.08 1.47 5.18	59.59 1.36 3.70	64.88 1.47 6.72	72.35 2.00 6.59	72.72 2.32 7.10	79.51 2.24 0.00	71.63 2.60 1.37	61.16 1.43 0.02	52.48 1.18 0.00	49.84 1.12 0.00
NCHELSEA_115KV_TR2 355582	48.27 3.41 0.00	42.55 3.04 0.00	39.30 2.71 0.00	35.86 2.41 0.00	35.85 2.38 0.00	41.35 2.92 0.00	44.87 3.36 0.00	47.94 3.76 0.00	50.38 3.95 0.00	51.81 3.88 0.00	54.03 4.32 0.00	56.82 4.79 0.00	61.10 5.45 0.00	66.19 6.29 0.00	71.07 7.27 0.00	75.44 7.18 -6.32	82.10 8.20 -3.77	102.45 9.00 -16.51	102.34 9.22 -15.62	86.15 8.89 0.00	77.58 7.18 0.00	64.82 5.08 0.00	55.46 4.16 0.00	52.28 3.56 0.00
NEG CAPITAL____MECHNVIL 23645	47.42 2.56 0.00	41.83 2.33 0.00	38.75 2.16 0.00	35.33 1.87 0.00	35.31 1.84 0.00	40.69 2.27 0.00	43.92 2.41 0.00	46.74 2.56 0.00	49.03 2.60 0.00	50.51 2.59 0.00	52.24 2.53 0.00	54.79 2.76 0.00	58.54 2.89 0.00	63.14 3.23 0.00	67.62 3.83 0.00	64.73 3.78 0.98	74.94 4.35 -0.47	84.30 5.30 -2.06	85.49 6.05 -1.94	83.30 6.03 0.00	79.65 5.00 -4.26	63.63 3.88 0.00	54.43 3.13 0.00	51.26 2.53 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.55 -0.31 0.00	38.95 -0.55 0.00	35.75 -0.84 0.00	32.68 -0.77 0.00	32.70 -0.77 0.00	37.47 -0.96 0.00	40.35 -1.16 0.00	43.08 -1.10 0.00	45.64 -0.79 0.00	47.68 -0.24 0.00	49.30 -0.40 0.00	51.72 -0.31 0.00	55.14 -0.50 0.00	59.49 -0.42 0.00	63.60 -0.19 0.00	61.77 -0.99 -0.84	69.71 -0.42 0.00	76.48 -0.46 0.00	77.73 0.23 0.00	77.03 -0.23 0.00	70.11 -0.28 0.00	59.45 -0.30 0.00	51.20 -0.10 0.00	48.97 0.24 0.00

NEG CENTRAL___DRP 24199	45.45 0.58 0.00	39.86 0.36 0.00	36.74 0.15 0.00	33.55 0.10 0.00	33.57 0.10 0.00	38.62 0.19 0.00	41.68 0.17 0.00	44.40 0.22 0.00	46.85 0.42 0.00	48.45 0.53 0.00	50.35 0.65 0.00	52.60 0.57 0.00	56.26 0.61 0.00	60.44 0.54 0.00	64.88 1.08 0.00	63.38 0.50 -0.96	71.25 1.12 0.00	78.32 1.38 0.00	79.59 2.09 0.00	79.12 1.85 0.00	72.01 1.62 0.00	60.88 1.14 0.00	52.28 0.97 0.00	49.80 1.07 0.00
NEG CENTRAL___INDECK 23768	46.75 1.88 0.00	40.73 1.23 0.00	37.25 0.66 0.00	34.12 0.67 0.00	34.08 0.60 0.00	39.12 0.69 0.00	42.05 0.54 0.00	44.58 0.40 0.00	46.90 0.46 0.00	47.06 -0.86 0.00	48.36 -1.34 0.00	50.84 -1.19 0.00	54.09 -1.56 0.00	58.29 -1.61 0.00	62.39 -1.40 0.00	61.01 -2.17 -1.25	68.95 -1.33 -0.16	76.47 -1.15 -0.69	78.77 0.62 -0.65	78.20 0.93 0.00	71.73 1.33 0.00	60.82 1.08 0.00	52.43 1.13 0.00	50.24 1.51 0.00
NEG CENTRAL___SENECA 23627	45.67 0.81 0.00	40.02 0.51 0.00	36.81 0.22 0.00	33.65 0.20 0.00	33.67 0.20 0.00	38.73 0.31 0.00	41.80 0.29 0.00	44.49 0.31 0.00	46.94 0.51 0.00	48.55 0.62 0.00	50.45 0.75 0.00	52.71 0.68 0.00	56.26 0.61 0.00	60.50 0.60 0.00	65.07 1.28 0.00	63.53 0.56 -1.05	71.46 1.33 0.00	78.55 1.62 0.00	79.98 2.48 0.00	79.51 2.24 0.00	72.30 1.90 0.00	61.18 1.43 0.00	52.54 1.23 0.00	50.14 1.41 0.00
NEG CENTRAL___STATE_STREET 24147	45.36 0.49 0.00	39.86 0.36 0.00	36.77 0.18 0.00	33.59 0.13 0.00	33.61 0.13 0.00	38.66 0.23 0.00	41.72 0.21 0.00	44.45 0.27 0.00	46.90 0.46 0.00	48.50 0.58 0.00	50.40 0.70 0.00	52.76 0.73 0.00	56.42 0.78 0.00	60.62 0.72 0.00	65.01 1.21 0.00	63.62 0.74 -0.95	71.32 1.19 0.00	78.40 1.46 0.00	79.51 2.01 0.00	79.12 1.85 0.00	72.01 1.62 0.00	60.88 1.14 0.00	52.23 0.92 0.00	49.65 0.93 0.00
NEG MILLWOOD___DRP 24198	48.77 3.90 0.00	43.02 3.52 0.00	39.66 3.07 0.00	36.23 2.78 0.00	36.22 2.74 0.00	41.69 3.27 0.00	45.33 3.82 0.00	48.38 4.20 0.00	50.94 4.50 0.00	52.33 4.41 0.00	54.72 5.02 0.00	57.44 5.41 0.00	62.04 6.40 0.00	67.39 7.49 0.00	72.66 8.87 0.00	117.74 8.92 -46.89	139.68 10.24 -59.32	175.50 11.31 -87.25	120.83 11.62 -31.71	87.70 10.43 0.00	78.49 8.10 0.00	65.42 5.68 0.00	55.77 4.46 0.00	52.62 3.90 0.00
NEG NORTH_FLCN_SEA 23793	44.51 -0.36 0.00	39.23 -0.28 0.00	36.30 -0.29 0.00	33.15 -0.30 0.00	33.24 -0.23 0.00	38.12 -0.31 0.00	41.30 -0.21 0.00	43.87 -0.31 0.00	45.97 -0.46 0.00	47.40 -0.53 0.00	48.41 -1.29 0.00	50.52 -1.51 0.00	53.03 -2.62 0.00	56.61 -3.29 0.00	59.78 -4.02 0.00	58.03 -3.90 0.00	65.64 -4.49 0.00	72.40 -4.54 0.00	72.54 -4.96 0.00	73.02 -4.25 0.00	67.02 -3.38 0.00	57.18 -2.57 0.00	49.56 -1.74 0.00	47.65 -1.07 0.00
NEG NORTH_KES_CHATEGAY 23792	44.33 -0.54 0.00	39.03 -0.47 0.00	36.15 -0.44 0.00	33.02 -0.43 0.00	33.14 -0.33 0.00	37.96 -0.46 0.00	41.14 -0.37 0.00	43.70 -0.49 0.00	45.74 -0.70 0.00	47.11 -0.81 0.00	48.41 -1.29 0.00	50.52 -1.51 0.00	53.59 -2.06 0.00	57.39 -2.52 0.00	60.67 -3.13 0.00	58.89 -3.03 0.00	66.69 -3.44 0.00	73.48 -3.46 0.00	73.62 -3.87 0.00	74.17 -3.09 0.00	68.00 -2.39 0.00	58.07 -1.67 0.00	50.02 -1.28 0.00	47.70 -1.02 0.00
NEG NORTH___ALICE_FALLS 23915	44.73 -0.13 0.00	39.42 -0.08 0.00	36.48 -0.11 0.00	33.32 -0.13 0.00	33.44 -0.03 0.00	38.27 -0.15 0.00	41.51 0.00 0.00	44.09 -0.09 0.00	46.20 -0.23 0.00	47.59 -0.34 0.00	48.71 -0.99 0.00	50.83 -1.20 0.00	53.59 -2.06 0.00	57.27 -2.64 0.00	60.54 -3.25 0.00	58.71 -3.22 0.00	66.48 -3.65 0.00	73.40 -3.54 0.00	73.47 -4.03 0.00	74.10 -3.17 0.00	68.00 -2.39 0.00	58.07 -1.67 0.00	50.12 -1.18 0.00	48.04 -0.68 0.00
NEG NORTH___LWR_SARANAC 23913	44.73 -0.13 0.00	39.42 -0.08 0.00	36.48 -0.11 0.00	33.32 -0.13 0.00	33.44 -0.03 0.00	38.27 -0.15 0.00	41.51 0.00 0.00	44.09 -0.09 0.00	46.20 -0.23 0.00	47.59 -0.34 0.00	48.71 -0.99 0.00	50.83 -1.20 0.00	53.59 -2.06 0.00	57.27 -2.64 0.00	60.54 -3.25 0.00	58.71 -3.22 0.00	66.48 -3.65 0.00	73.40 -3.54 0.00	73.47 -4.03 0.00	74.10 -3.17 0.00	68.00 -2.39 0.00	58.07 -1.67 0.00	50.12 -1.18 0.00	48.04 -0.68 0.00
NEG NORTH___PLATTSBURG 23628	44.73 -0.13 0.00	39.42 -0.08 0.00	36.48 -0.11 0.00	33.32 -0.13 0.00	33.44 -0.03 0.00	38.27 -0.15 0.00	41.51 0.00 0.00	44.09 -0.09 0.00	46.20 -0.23 0.00	47.25 -0.67 0.00	48.71 -0.99 0.00	50.84 -1.19 0.00	53.59 -2.06 0.00	57.27 -2.63 0.00	60.54 -3.25 0.00	58.71 -3.22 0.00	66.48 -3.65 0.00	73.55 -3.38 0.00	73.47 -4.03 0.00	73.94 -3.32 0.00	68.00 -2.39 0.00	58.07 -1.67 0.00	50.07 -1.23 0.00	48.09 -0.63 0.00
NEG WEST_LEA_LOCKPORT 23791	44.10 -0.76 0.00	38.59 -0.91 0.00	34.98 -1.61 0.00	32.28 -1.17 0.00	31.93 -1.54 0.00	36.54 -1.88 0.00	39.06 -2.45 0.00	41.05 -3.14 0.00	43.65 -2.79 0.00	45.86 -2.06 0.00	47.47 -2.24 0.00	49.90 -2.13 0.00	53.08 -2.56 0.00	56.61 -3.29 0.00	61.31 -2.49 0.00	59.40 -3.59 -1.07	67.39 -2.73 0.00	73.55 -3.39 0.00	75.41 -2.09 0.00	74.48 -2.78 0.00	67.79 -2.60 0.00	57.83 -1.91 0.00	50.69 -0.62 0.00	49.31 0.58 0.00
NEG WEST___LANCASTR 23811	43.56 -1.30 0.00	38.04 -1.46 0.00	34.69 -1.90 0.00	31.85 -1.61 0.00	31.70 -1.77 0.00	36.35 -2.07 0.00	39.06 -2.45 0.00	41.22 -2.96 0.00	43.79 -2.65 0.00	45.91 -2.01 0.00	47.52 -2.19 0.00	49.79 -2.24 0.00	53.14 -2.50 0.00	56.91 -3.00 0.00	61.69 -2.11 0.00	59.71 -3.47 -1.25	68.02 -2.10 0.00	74.32 -2.62 0.00	75.95 -1.55 0.00	75.10 -2.16 0.00	68.21 -2.18 0.00	58.07 -1.67 0.00	50.28 -1.03 0.00	48.82 0.10 0.00
NEG_PENN_ALLEGHNY 23528	45.58 0.72 0.00	40.02 0.51 0.00	36.92 0.33 0.00	33.75 0.30 0.00	33.77 0.30 0.00	38.85 0.42 0.00	41.92 0.42 0.00	44.58 0.40 0.00	47.08 0.65 0.00	48.79 0.86 0.00	50.55 0.84 0.00	53.07 1.04 0.00	56.70 1.05 0.00	61.16 1.26 0.00	65.58 1.78 0.00	65.64 1.36 -2.35	72.38 1.96 -0.29	80.21 2.00 -1.28	81.35 2.64 -1.21	79.74 2.47 0.00	72.30 1.90 0.00	61.06 1.31 0.00	52.49 1.18 0.00	49.94 1.22 0.00
NEG___GEN_MONROE 24207	45.31 0.45 0.00	39.70 0.20 0.00	36.22 -0.37 0.00	33.19 -0.27 0.00	33.10 -0.37 0.00	37.96 -0.46 0.00	40.80 -0.71 0.00	43.39 -0.80 0.00	45.92 -0.51 0.00	47.97 0.05 0.00	49.70 0.00 0.00	52.19 0.16 0.00	55.59 -0.06 0.00	59.60 -0.30 0.00	64.31 0.51 0.00	62.36 -0.43 -0.87	70.48 0.35 0.00	77.17 0.23 0.00	78.82 1.32 0.00	78.12 0.85 0.00	71.31 0.92 0.00	60.58 0.84 0.00	52.33 1.03 0.00	50.38 1.66 0.00
NEPA___ENERGY 23901	44.55 -0.31 0.00	38.87 -0.63 0.00	35.46 -1.13 0.00	32.55 -0.90 0.00	32.40 -1.07 0.00	37.20 -1.23 0.00	40.06 -1.45 0.00	42.33 -1.86 0.00	44.90 -1.53 0.00	47.06 -0.86 0.00	48.71 -0.99 0.00	51.20 -0.83 0.00	54.59 -1.06 0.00	58.47 -1.44 0.00	63.35 -0.45 0.00	61.63 -1.55 -1.25	70.00 -0.28 -0.16	77.24 -0.38 -0.69	78.85 0.70 -0.65	77.34 0.08 0.00	70.25 -0.14 0.00	59.69 -0.06 0.00	51.72 0.41 0.00	50.04 1.32 0.00

NEVERSINK___HYD 23608	47.69 2.83 0.00	42.03 2.53 0.00	38.82 2.23 0.00	35.43 1.97 0.00	35.45 1.97 0.00	40.89 2.46 0.00	44.33 2.82 0.00	47.41 3.22 0.00	49.82 3.39 0.00	51.23 3.30 0.00	53.33 3.63 0.00	56.03 4.06 0.06	60.15 4.67 0.16	64.83 5.21 0.29	69.58 6.19 0.41	73.56 6.13 -5.50	79.36 7.01 -2.23	95.95 7.46 -11.55	96.34 7.98 -10.86	85.45 8.19 0.00	76.87 6.47 0.00	64.35 4.60 0.00	55.15 3.85 0.00	51.89 3.17 0.00
NEWKRMKL_115KV_TB1 55635	45.45 0.58 0.00	40.10 0.59 0.00	37.32 0.73 0.00	34.12 0.67 0.00	34.11 0.64 0.00	39.16 0.73 0.00	42.22 0.71 0.00	45.07 0.88 0.00	47.08 0.65 0.00	48.50 0.58 0.00	50.45 0.75 0.00	52.81 0.78 0.00	56.48 0.83 0.00	61.04 1.14 0.00	65.33 1.53 0.00	62.12 1.55 1.36	72.08 2.08 -0.27	80.19 2.08 -1.17	80.86 2.25 -1.11	79.20 1.93 0.00	69.86 1.41 1.94	60.52 0.78 0.00	51.87 0.56 0.00	49.16 0.44 0.00
NEWTON___FALLS_HYD 23847	45.76 0.90 0.00	40.25 0.75 0.00	36.96 0.37 0.00	33.75 0.30 0.00	33.84 0.37 0.00	38.96 0.54 0.00	42.09 0.58 0.00	44.85 0.66 0.00	47.08 0.65 0.00	48.45 0.53 0.00	50.00 0.30 0.00	52.13 0.10 0.00	55.48 -0.17 0.00	59.54 -0.36 0.00	63.03 -0.77 0.00	60.81 -1.11 0.00	68.58 -1.54 0.00	75.32 -1.62 0.00	76.26 -1.24 0.00	76.72 -0.54 0.00	70.32 -0.07 0.00	60.16 0.42 0.00	52.13 0.82 0.00	49.65 0.93 0.00
NGRID_A1_DSASP 323792	43.47 -1.39 0.00	37.96 -1.54 0.00	35.02 -1.57 0.00	31.75 -1.70 0.00	31.63 -1.84 0.00	36.58 -1.84 0.00	38.73 -2.78 0.00	40.47 -3.71 0.00	43.18 -3.25 0.00	45.53 -2.39 0.00	46.92 -2.78 0.00	49.43 -2.60 0.00	52.42 -3.23 0.00	56.67 -3.24 0.00	60.47 -3.32 0.00	58.61 -4.40 -1.08	66.41 -3.72 0.00	72.56 -4.38 0.00	74.17 -3.33 0.00	73.24 -4.02 0.00	66.66 -3.73 0.00	56.82 -2.93 0.00	49.66 -1.64 0.00	48.24 -0.49 0.00
NGRID_A2_DSASP 323793	43.47 -1.39 0.00	37.96 -1.54 0.00	35.02 -1.57 0.00	31.75 -1.70 0.00	31.63 -1.84 0.00	36.58 -1.84 0.00	38.73 -2.78 0.00	40.47 -3.71 0.00	43.18 -3.25 0.00	45.53 -2.39 0.00	46.92 -2.78 0.00	49.43 -2.60 0.00	52.42 -3.23 0.00	56.67 -3.24 0.00	60.47 -3.32 0.00	58.61 -4.40 -1.08	66.41 -3.72 0.00	72.56 -4.38 0.00	74.17 -3.33 0.00	73.24 -4.02 0.00	66.66 -3.73 0.00	56.82 -2.93 0.00	49.66 -1.64 0.00	48.24 -0.49 0.00
NGRID_A4_DSASP 323807	43.47 -1.39 0.00	37.96 -1.54 0.00	35.02 -1.57 0.00	31.75 -1.70 0.00	31.63 -1.84 0.00	36.58 -1.84 0.00	38.73 -2.78 0.00	40.47 -3.71 0.00	43.18 -3.25 0.00	45.53 -2.39 0.00	46.92 -2.78 0.00	49.43 -2.60 0.00	52.42 -3.23 0.00	56.67 -3.24 0.00	60.47 -3.32 0.00	58.61 -4.40 -1.08	66.41 -3.72 0.00	72.56 -4.38 0.00	74.17 -3.33 0.00	73.24 -4.02 0.00	66.66 -3.73 0.00	56.82 -2.93 0.00	49.66 -1.64 0.00	48.24 -0.49 0.00
NIAGARA_115E_LBMP 323715	43.92 -0.94 0.00	38.44 -1.06 0.00	34.61 -1.98 0.00	32.15 -1.31 0.00	32.03 -1.44 0.00	36.12 -2.30 0.00	38.65 -2.86 0.00	40.56 -3.62 0.00	43.23 -3.20 0.00	45.53 -2.39 0.00	46.97 -2.73 0.00	49.43 -2.60 0.00	52.42 -3.23 0.00	56.67 -3.24 0.00	60.54 -3.25 0.00	58.74 -4.27 -1.08	66.62 -3.50 0.00	72.78 -4.16 0.00	74.48 -3.02 0.00	73.48 -3.78 0.00	66.95 -3.45 0.00	57.00 -2.75 0.00	49.82 -1.49 0.00	48.58 -0.15 0.00
NIAGARA_115W_LBMP 323714	43.38 -1.48 0.00	37.88 -1.62 0.00	34.98 -1.61 0.00	31.65 -1.81 0.00	31.53 -1.94 0.00	36.51 -1.92 0.00	38.65 -2.86 0.00	40.38 -3.80 0.00	43.05 -3.39 0.00	45.38 -2.54 0.00	46.82 -2.88 0.00	49.27 -2.76 0.00	52.25 -3.40 0.00	56.49 -3.41 0.00	60.29 -3.51 0.00	58.49 -4.52 -1.08	66.27 -3.86 0.00	72.40 -4.54 0.00	74.01 -3.49 0.00	73.02 -4.25 0.00	66.45 -3.94 0.00	56.70 -3.04 0.00	49.51 -1.80 0.00	48.09 -0.63 0.00
NIAGARA_230_LBMP 323716	43.97 -0.90 0.00	38.40 -1.11 0.00	35.02 -1.57 0.00	32.11 -1.34 0.00	32.00 -1.47 0.00	36.58 -1.84 0.00	39.10 -2.41 0.00	41.00 -3.18 0.00	43.69 -2.74 0.00	46.00 -1.92 0.00	47.47 -2.24 0.00	50.00 -2.03 0.00	53.03 -2.61 0.00	57.33 -2.57 0.00	61.18 -2.62 0.00	59.40 -3.59 -1.06	67.32 -2.81 0.00	73.63 -3.31 0.00	75.18 -2.32 0.00	74.25 -3.01 0.00	67.58 -2.82 0.00	57.54 -2.21 0.00	50.18 -1.13 0.00	48.77 0.05 0.00
NIAGARA___115KV_198_GIBSON 55903	43.29 -1.57 0.00	37.88 -1.62 0.00	34.98 -1.61 0.00	31.65 -1.81 0.00	31.93 -1.54 0.00	36.50 -1.92 0.00	38.65 -2.86 0.00	40.38 -3.80 0.00	42.95 -3.48 0.00	45.14 -2.78 0.00	46.82 -2.88 0.00	49.17 -2.86 0.00	52.25 -3.39 0.00	55.71 -4.19 0.00	60.29 -3.51 0.00	58.49 -4.52 -1.08	66.20 -3.93 0.00	72.32 -4.62 0.00	74.01 -3.49 0.00	73.09 -4.17 0.00	66.52 -3.87 0.00	56.70 -3.05 0.00	49.46 -1.85 0.00	48.09 -0.63 0.00
NIAGARA____ 23760	43.97 -0.90 0.00	38.40 -1.11 0.00	35.02 -1.57 0.00	32.11 -1.34 0.00	32.00 -1.47 0.00	36.58 -1.84 0.00	39.10 -2.41 0.00	41.00 -3.18 0.00	43.69 -2.74 0.00	46.00 -1.92 0.00	47.47 -2.24 0.00	50.00 -2.03 0.00	53.03 -2.61 0.00	57.33 -2.57 0.00	61.18 -2.62 0.00	59.41 -3.59 -1.07	67.32 -2.81 0.00	73.63 -3.31 0.00	75.18 -2.32 0.00	74.25 -3.01 0.00	67.58 -2.82 0.00	57.54 -2.21 0.00	50.18 -1.13 0.00	48.77 0.05 0.00
NINE_MILE_1 23575	43.79 -1.08 0.00	38.52 -0.99 0.00	35.60 -0.99 0.00	32.55 -0.90 0.00	32.57 -0.90 0.00	37.39 -1.04 0.00	40.35 -1.16 0.00	42.99 -1.19 0.00	45.27 -1.16 0.00	46.82 -1.10 0.00	48.56 -1.14 0.00	50.84 -1.19 0.00	54.37 -1.28 0.00	58.53 -1.38 0.00	62.45 -1.34 0.00	60.93 -1.49 -0.49	68.65 -1.48 0.00	75.25 -1.69 0.00	76.11 -1.39 0.00	75.79 -1.47 0.00	68.99 -1.41 0.00	58.37 -1.37 0.00	50.18 -1.13 0.00	47.70 -1.03 0.00
NINE_MILE_2 23744	43.79 -1.08 0.00	38.52 -0.99 0.00	35.60 -0.99 0.00	32.55 -0.90 0.00	32.57 -0.90 0.00	37.39 -1.04 0.00	40.35 -1.16 0.00	42.99 -1.19 0.00	45.27 -1.16 0.00	46.82 -1.10 0.00	48.56 -1.14 0.00	50.84 -1.19 0.00	54.37 -1.28 0.00	58.53 -1.38 0.00	62.45 -1.34 0.00	60.93 -1.49 -0.48	68.65 -1.48 0.00	75.25 -1.69 0.00	76.11 -1.39 0.00	75.79 -1.47 0.00	68.99 -1.41 0.00	58.37 -1.37 0.00	50.18 -1.13 0.00	47.70 -1.03 0.00
NM_CAPITAL___DRP 24208	45.49 0.63 0.00	40.14 0.63 0.00	37.40 0.80 0.00	34.19 0.74 0.00	34.17 0.70 0.00	39.23 0.81 0.00	42.30 0.79 0.00	45.11 0.93 0.00	47.18 0.74 0.00	48.59 0.67 0.00	50.55 0.84 0.00	52.91 0.88 0.00	56.65 1.00 0.00	61.16 1.26 0.00	65.45 1.66 0.00	62.37 1.73 1.29	72.34 1.89 -0.32	80.65 2.31 -1.41	81.31 2.48 -1.33	79.43 2.16 0.00	69.44 1.55 2.50	60.64 0.90 0.00	51.97 0.67 0.00	49.21 0.49 0.00
NM_CENTRAL___DRP 24181	44.82 -0.04 0.00	39.38 -0.12 0.00	36.37 -0.22 0.00	33.25 -0.20 0.00	33.27 -0.20 0.00	38.23 -0.19 0.00	41.26 -0.25 0.00	44.01 -0.18 0.00	46.39 -0.05 0.00	48.02 0.10 0.00	49.85 0.15 0.00	52.19 0.16 0.00	55.87 0.22 0.00	60.08 0.18 0.00	64.24 0.45 0.00	62.73 0.12 -0.68	70.48 0.35 0.00	77.40 0.46 0.00	78.27 0.77 0.00	77.88 0.62 0.00	70.82 0.42 0.00	59.93 0.18 0.00	51.46 0.15 0.00	48.87 0.15 0.00

NM_FRONTIER___DRP 24179	43.29 -1.57 0.00	37.88 -1.62 0.00	34.98 -1.61 0.00	31.65 -1.81 0.00	31.93 -1.54 0.00	36.50 -1.92 0.00	38.65 -2.86 0.00	40.38 -3.80 0.00	42.95 -3.48 0.00	45.14 -2.78 0.00	46.82 -2.88 0.00	49.17 -2.86 0.00	52.25 -3.39 0.00	55.71 -4.19 0.00	60.29 -3.51 0.00	58.49 -4.52 -1.08	66.20 -3.93 0.00	72.32 -4.62 0.00	74.01 -3.49 0.00	73.09 -4.17 0.00	66.52 -3.87 0.00	56.70 -3.05 0.00	49.46 -1.85 0.00	48.09 -0.63 0.00
NM_ST_REGIS___HYD 24053	45.09 0.22 0.00	39.74 0.24 0.00	36.77 0.18 0.00	33.55 0.10 0.00	33.64 0.17 0.00	38.58 0.15 0.00	41.76 0.25 0.00	44.40 0.22 0.00	46.53 0.09 0.00	47.97 0.05 0.00	49.41 -0.30 0.00	51.46 -0.57 0.00	54.75 -0.89 0.00	58.71 -1.20 0.00	61.94 -1.85 0.00	59.82 -2.11 0.00	67.25 -2.88 0.00	73.55 -3.39 0.00	73.70 -3.80 0.00	74.41 -2.86 0.00	68.42 -1.97 0.00	58.91 -0.84 0.00	51.10 -0.21 0.00	48.87 0.15 0.00
NORTHPORT___1 23551	49.18 4.31 -0.01	43.74 4.07 -0.17	40.22 3.62 -0.01	36.60 3.14 -0.01	36.66 3.18 -0.01	42.20 3.77 -0.01	45.96 4.44 -0.01	48.92 4.73 -0.01	50.43 3.99 0.00	51.91 3.93 -0.05	47.49 3.33 5.54	47.49 3.90 8.44	50.13 5.06 10.57	53.29 5.99 12.61	54.87 7.52 16.45	53.88 7.24 15.29	71.41 8.55 7.27	93.97 9.31 -7.72	97.11 9.92 -9.69	87.75 9.27 -1.22	76.80 6.41 0.00	63.54 4.30 0.51	47.49 3.80 7.61	47.26 3.02 4.49
NORTHPORT___2 23552	49.18 4.31 -0.01	43.74 4.07 -0.17	40.22 3.62 -0.01	36.60 3.14 -0.01	36.66 3.18 -0.01	42.20 3.77 -0.01	45.96 4.44 -0.01	48.92 4.73 -0.01	50.43 3.99 0.00	51.91 3.93 -0.05	47.49 3.33 5.54	47.49 3.90 8.44	50.13 5.06 10.57	53.29 5.99 12.61	54.87 7.52 16.45	53.88 7.24 15.29	71.41 8.55 7.27	93.97 9.31 -7.72	97.11 9.92 -9.69	87.75 9.27 -1.22	76.80 6.41 0.00	63.54 4.30 0.51	47.49 3.80 7.61	47.26 3.02 4.49
NORTHPORT___3 23553	48.86 3.99 -0.01	43.50 3.83 -0.17	40.04 3.44 -0.01	36.47 3.01 -0.01	36.49 3.01 -0.01	42.01 3.57 -0.01	45.75 4.24 -0.01	48.70 4.51 -0.01	50.10 3.67 0.00	51.66 3.69 -0.04	47.39 3.23 5.54	47.29 3.69 8.43	49.87 4.79 10.56	52.95 5.75 12.71	54.34 7.21 16.66	53.38 7.06 15.61	70.79 8.27 7.60	93.26 9.00 -7.32	96.64 9.53 -9.61	87.16 8.73 -1.17	76.36 5.98 0.01	63.34 3.94 0.35	47.35 3.70 7.65	47.11 2.87 4.48
NORTHPORT___4 23650	48.86 3.99 -0.01	43.50 3.83 -0.17	40.04 3.44 -0.01	36.47 3.01 -0.01	36.49 3.01 -0.01	42.01 3.57 -0.01	45.75 4.24 -0.01	48.70 4.51 -0.01	50.10 3.67 0.00	51.66 3.69 -0.04	47.39 3.23 5.54	47.29 3.69 8.43	49.87 4.79 10.56	52.95 5.75 12.71	54.34 7.21 16.66	53.38 7.06 15.61	70.79 8.27 7.60	93.26 9.00 -7.32	96.64 9.53 -9.61	87.16 8.73 -1.17	76.36 5.98 0.01	63.34 3.94 0.35	47.35 3.70 7.65	47.11 2.87 4.48
NORTHPORT___IC 23718	49.31 4.44 0.00	43.74 4.07 -0.17	40.21 3.62 0.00	36.63 3.18 0.00	36.65 3.18 0.00	42.19 3.77 0.00	45.95 4.44 0.00	49.00 4.82 0.00	50.70 4.27 0.00	52.29 4.31 -0.05	47.54 3.38 5.54	47.54 3.95 8.44	50.13 5.06 10.57	53.47 6.17 12.61	54.88 7.53 16.45	53.88 7.25 15.29	71.41 8.56 7.27	94.27 9.62 -7.71	97.10 9.92 -9.68	87.29 8.81 -1.22	76.80 6.41 0.00	63.42 4.18 0.51	47.44 3.75 7.61	47.11 2.87 4.49
NORTH___COUNTRY_ESR 323785	44.24 -0.63 0.00	38.95 -0.55 0.00	36.08 -0.51 0.00	32.98 -0.47 0.00	33.07 -0.40 0.00	37.93 -0.50 0.00	41.05 -0.46 0.00	43.61 -0.58 0.00	45.69 -0.74 0.00	46.91 -1.01 0.00	48.41 -1.29 0.00	50.52 -1.51 0.00	53.59 -2.06 0.00	57.39 -2.51 0.00	60.67 -3.12 0.00	58.90 -3.03 0.00	66.62 -3.50 0.00	73.55 -3.38 0.00	73.47 -4.03 0.00	73.79 -3.48 0.00	67.79 -2.60 0.00	57.89 -1.85 0.00	49.82 -1.49 0.00	47.61 -1.12 0.00
NPX_GEN_1385_PROXY 323591	45.40 4.17 3.64	43.70 4.03 -0.17	40.15 3.55 -0.01	36.67 3.21 -0.01	36.66 3.18 -0.01	42.12 3.69 -0.01	45.87 4.36 -0.01	48.87 4.68 -0.01	50.28 3.85 0.00	51.70 3.74 -0.04	47.49 3.33 5.54	47.49 3.90 8.44	50.08 5.01 10.57	53.17 5.87 12.61	55.00 7.65 16.45	54.00 7.37 15.29	71.55 8.69 7.27	94.12 9.46 -7.72	97.26 10.07 -9.69	88.06 9.58 -1.22	80.59 6.69 -3.50	65.90 4.48 -1.67	46.76 3.80 8.34	47.11 2.87 4.49
NPX_GEN_CSC 323557	49.45 4.58 -0.01	43.82 4.15 -0.17	40.15 3.55 -0.01	36.47 3.01 -0.01	36.59 3.11 -0.01	42.12 3.69 -0.01	45.92 4.40 -0.01	48.83 4.64 -0.01	50.56 4.13 0.00	52.34 4.36 -0.05	53.24 3.88 0.34	55.93 4.42 0.52	60.61 5.62 0.65	67.82 6.89 -1.03	76.34 8.55 -3.99	117.21 8.42 -46.86	139.55 9.95 -59.47	175.71 10.85 -87.92	123.11 11.47 -34.14	89.29 10.59 -1.44	77.86 7.46 0.00	65.67 4.84 -1.09	56.08 4.36 -0.41	51.42 3.66 0.96
NSINS_S_GLNS_FALLS 23858	47.24 2.38 0.00	41.68 2.17 0.00	38.57 1.98 0.00	35.13 1.67 0.00	35.11 1.64 0.00	40.54 2.11 0.00	43.71 2.20 0.00	46.48 2.30 0.00	48.80 2.37 0.00	50.18 2.25 0.00	51.59 1.89 0.00	54.06 2.03 0.00	57.59 1.95 0.00	62.18 2.28 0.00	66.41 2.62 0.00	63.35 2.54 1.11	73.38 2.88 -0.38	82.67 4.08 -1.66	84.26 5.19 -1.57	82.44 5.18 0.00	77.89 4.58 -2.92	63.33 3.58 0.00	54.23 2.92 0.00	50.92 2.19 0.00
NUCOR_STEEL___DRP 24197	45.45 0.58 0.00	39.94 0.43 0.00	36.88 0.29 0.00	33.69 0.23 0.00	33.71 0.23 0.00	38.73 0.31 0.00	41.80 0.29 0.00	44.54 0.35 0.00	46.94 0.51 0.00	48.55 0.62 0.00	50.35 0.65 0.00	52.76 0.73 0.00	56.42 0.78 0.00	60.62 0.72 0.00	64.94 1.15 0.00	63.53 0.68 -0.92	71.25 1.12 0.00	78.32 1.38 0.00	79.36 1.86 0.00	78.96 1.70 0.00	71.87 1.48 0.00	60.82 1.08 0.00	52.23 0.92 0.00	49.65 0.93 0.00
NUMBER_THREE_WT_PWR 323818	46.53 1.66 0.00	40.85 1.34 0.00	37.25 0.66 0.00	33.99 0.53 0.00	34.08 0.60 0.00	39.39 0.96 0.00	42.47 0.96 0.00	45.24 1.06 0.00	47.55 1.11 0.00	48.98 1.05 0.00	50.55 0.84 0.00	52.81 0.78 0.00	56.14 0.50 0.00	60.33 0.42 0.00	63.99 0.19 0.00	62.21 0.00 -0.29	70.06 -0.07 0.00	77.17 0.23 0.00	78.66 1.16 0.00	78.96 1.70 0.00	72.16 1.76 0.00	61.42 1.67 0.00	52.90 1.59 0.00	50.18 1.46 0.00
NYISO_LBMP_REFERENCE 24008	44.86 0.00 0.00	39.50 0.00 0.00	36.59 0.00 0.00	33.45 0.00 0.00	33.47 0.00 0.00	38.43 0.00 0.00	41.51 0.00 0.00	44.18 0.00 0.00	46.43 0.00 0.00	47.92 0.00 0.00	49.70 0.00 0.00	52.03 0.00 0.00	55.64 0.00 0.00	59.90 0.00 0.00	63.79 0.00 0.00	61.93 0.00 0.00	70.13 0.00 0.00	76.94 0.00 0.00	77.50 0.00 0.00	77.27 0.00 0.00	70.39 0.00 0.00	59.75 0.00 0.00	51.30 0.00 0.00	48.72 0.00 0.00
NYPA_BRENTWD____GT 24164	50.07 5.20 -0.01	44.41 4.74 -0.17	40.77 4.17 -0.01	37.11 3.65 -0.01	37.19 3.71 -0.01	42.81 4.38 -0.01	46.62 5.10 -0.01	49.67 5.48 -0.01	51.35 4.92 0.00	53.05 5.08 -0.05	54.34 4.62 -0.01	57.29 5.25 0.00	62.15 6.51 0.00	68.64 7.49 -1.25	77.68 9.12 -4.76	117.26 8.48 -46.85	139.55 9.95 -59.47	175.70 10.85 -87.91	121.30 11.47 -32.33	90.25 11.28 -1.70	78.59 8.16 -0.03	71.66 5.86 -6.06	58.52 5.18 -2.04	52.26 4.29 0.75

NYPA_GOWANUS____GT5 24156	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.74 -59.46	175.22 10.38 -87.89	120.58 10.77 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.13 4.82 -0.01	52.83 4.09 -0.01
NYPA_GOWANUS____GT6 24157	49.05 4.17 -0.01	43.39 3.87 -0.01	40.11 3.51 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.96 3.53 0.00	45.62 4.11 0.00	48.64 4.46 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.25 6.62 0.01	67.26 7.37 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.33 9.74 -59.46	175.22 10.38 -87.89	120.58 10.77 -32.31	87.30 10.04 0.01	77.99 7.61 0.01	65.12 5.38 0.01	56.13 4.82 -0.01	52.83 4.09 -0.01
NYPA_HARLEM__RVR__GT1 24160	48.95 4.08 -0.01	43.11 3.59 -0.01	39.82 3.22 -0.01	36.27 2.81 -0.01	36.29 2.81 -0.01	41.65 3.23 0.00	45.49 3.99 0.00	48.64 4.46 0.00	51.13 4.69 -0.01	54.05 4.70 -1.43	55.06 5.27 -0.09	57.55 5.51 -0.01	61.99 6.34 -0.01	67.33 7.43 0.00	72.40 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.16 10.31 -87.91	120.53 10.70 -32.33	87.31 10.04 -0.01	78.07 7.67 0.00	65.06 5.32 0.00	56.03 4.72 -0.01	52.77 4.04 -0.01
NYPA_HARLEM__RVR__GT2 24161	48.95 4.08 -0.01	43.11 3.59 -0.01	39.82 3.22 -0.01	36.27 2.81 -0.01	36.29 2.81 -0.01	41.65 3.23 0.00	45.49 3.99 0.00	48.64 4.46 0.00	51.13 4.69 -0.01	54.05 4.70 -1.43	55.06 5.27 -0.09	57.55 5.51 -0.01	61.99 6.34 -0.01	67.33 7.43 0.00	72.40 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.16 10.31 -87.91	120.53 10.70 -32.33	87.31 10.04 -0.01	78.07 7.67 0.00	65.06 5.32 0.00	56.03 4.72 -0.01	52.77 4.04 -0.01
NYPA_KENT____GT 24152	49.00 4.12 -0.01	43.30 3.79 -0.01	40.04 3.44 -0.01	36.44 2.98 -0.01	36.43 2.95 -0.01	41.89 3.46 0.00	45.62 4.11 0.00	48.73 4.55 0.00	51.23 4.78 -0.02	54.46 4.75 -1.79	55.17 5.37 -0.10	57.82 5.77 -0.02	62.22 6.56 -0.01	67.21 7.31 0.00	72.28 8.49 0.00	117.32 8.55 -46.85	139.27 9.68 -59.47	175.08 10.23 -87.90	120.52 10.70 -32.32	87.16 9.89 0.00	77.93 7.54 0.00	65.06 5.32 0.00	56.09 4.77 -0.01	52.83 4.09 -0.01
NYPA_POUCH1____GT 24155	48.91 4.04 -0.01	43.34 3.83 -0.01	40.15 3.55 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	41.92 3.50 0.00	45.49 3.99 0.00	42.83 4.24 5.59	45.75 4.50 5.19	46.71 4.50 5.72	47.75 5.12 7.07	50.67 5.51 6.87	51.71 6.34 10.27	55.92 7.07 11.05	64.42 8.29 7.66	88.62 8.36 -18.33	110.40 9.40 -30.87	131.57 9.93 -44.70	101.32 10.46 -13.36	68.17 9.66 18.75	71.03 7.25 6.62	58.14 5.08 6.68	52.01 4.52 3.81	49.77 3.80 2.75
NYPA_VERNON____GT2 24162	48.95 4.08 -0.01	43.22 3.71 -0.01	39.96 3.36 -0.01	36.41 2.94 -0.01	36.39 2.91 -0.01	41.84 3.42 0.00	45.62 4.11 0.00	48.78 4.59 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.82 5.77 -0.02	62.21 6.56 -0.01	67.21 7.31 0.00	72.28 8.49 0.00	117.26 8.48 -46.85	139.20 9.61 -59.47	175.00 10.16 -87.90	120.44 10.62 -32.32	87.16 9.89 0.00	77.85 7.46 0.00	65.06 5.32 0.00	56.09 4.77 -0.01	52.83 4.09 -0.01
NYPA_VERNON____GT3 24163	48.95 4.08 -0.01	43.22 3.71 -0.01	39.96 3.36 -0.01	36.41 2.94 -0.01	36.39 2.91 -0.01	41.84 3.42 0.00	45.62 4.11 0.00	48.78 4.59 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.82 5.77 -0.02	62.21 6.56 -0.01	67.21 7.31 0.00	72.28 8.49 0.00	117.26 8.48 -46.85	139.20 9.61 -59.47	175.00 10.16 -87.90	120.44 10.62 -32.32	87.16 9.89 0.00	77.85 7.46 0.00	65.06 5.32 0.00	56.09 4.77 -0.01	52.83 4.09 -0.01
NYPA____ASTORIA_CC1 323568	48.95 4.08 -0.01	43.19 3.67 -0.01	39.93 3.33 -0.01	36.37 2.91 -0.01	36.36 2.88 -0.01	41.81 3.38 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.23 4.78 -0.02	54.41 4.70 -1.79	55.13 5.32 -0.10	57.77 5.72 -0.02	62.16 6.51 -0.01	67.15 7.25 0.00	72.22 8.42 0.00	117.13 8.36 -46.85	139.13 9.54 -59.47	174.92 10.08 -87.90	120.28 10.46 -32.32	87.00 9.74 0.00	77.72 7.32 0.00	65.01 5.26 0.00	56.03 4.72 -0.01	52.77 4.04 -0.01
NYPA____ASTORIA_CC2 323569	48.95 4.08 -0.01	43.19 3.67 -0.01	39.93 3.33 -0.01	36.37 2.91 -0.01	36.36 2.88 -0.01	41.81 3.38 0.00	45.58 4.07 0.00	48.73 4.55 0.00	51.23 4.78 -0.02	54.41 4.70 -1.79	55.13 5.32 -0.10	57.77 5.72 -0.02	62.16 6.51 -0.01	67.15 7.25 0.00	72.22 8.42 0.00	117.13 8.36 -46.85	139.13 9.54 -59.47	174.92 10.08 -87.90	120.28 10.46 -32.32	87.00 9.74 0.00	77.72 7.32 0.00	65.01 5.26 0.00	56.03 4.72 -0.01	52.77 4.04 -0.01
NYPA____HOLTSVILL 23794	49.58 4.71 -0.01	44.01 4.35 -0.17	40.40 3.81 -0.01	36.74 3.28 -0.01	36.79 3.31 -0.01	42.39 3.96 -0.01	46.17 4.65 -0.01	49.14 4.95 -0.01	50.80 4.36 0.00	52.58 4.60 -0.05	53.45 4.08 0.33	56.12 4.58 0.49	60.76 5.73 0.62	67.81 6.89 -1.02	76.22 8.49 -3.94	117.14 8.36 -46.86	139.35 9.74 -59.48	175.40 10.54 -87.92	135.72 11.16 -47.06	89.12 10.43 -1.42	77.86 7.46 0.00	65.28 4.90 -0.63	56.97 4.52 -1.15	51.58 3.80 0.95
NYPA____HELLGATE_GT1 24158	48.95 4.08 -0.01	43.11 3.59 -0.01	39.82 3.22 -0.01	36.27 2.81 -0.01	36.29 2.81 -0.01	41.65 3.23 0.00	45.49 3.99 0.00	48.64 4.46 0.00	51.13 4.69 -0.01	54.05 4.70 -1.43	55.06 5.27 -0.09	57.61 5.57 -0.01	61.99 6.34 -0.01	67.33 7.43 0.00	72.40 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.16 10.31 -87.91	120.53 10.70 -32.33	87.31 10.04 -0.01	78.07 7.67 0.00	65.06 5.32 0.00	56.03 4.72 -0.01	52.77 4.04 -0.01
NYPA____HELLGATE_GT2 24159	48.95 4.08 -0.01	43.11 3.59 -0.01	39.82 3.22 -0.01	36.27 2.81 -0.01	36.29 2.81 -0.01	41.65 3.23 0.00	45.49 3.99 0.00	48.64 4.46 0.00	51.13 4.69 -0.01	54.05 4.70 -1.43	55.06 5.27 -0.09	57.61 5.57 -0.01	61.99 6.34 -0.01	67.33 7.43 0.00	72.40 8.61 0.00	117.38 8.61 -46.85	139.41 9.82 -59.47	175.16 10.31 -87.91	120.53 10.70 -32.33	87.31 10.04 -0.01	78.07 7.67 0.00	65.06 5.32 0.00	56.03 4.72 -0.01	52.77 4.04 -0.01
NYS_BARGE____HYD 23848	44.33 -0.54 0.00	38.75 -0.75 0.00	35.05 -1.54 0.00	32.38 -1.07 0.00	32.30 -1.17 0.00	36.62 -1.81 0.00	39.15 -2.36 0.00	41.18 -3.01 0.00	43.88 -2.55 0.00	46.20 -1.72 0.00	47.62 -2.09 0.00	50.16 -1.87 0.00	53.20 -2.45 0.00	57.57 -2.34 0.00	61.44 -2.36 0.00	59.52 -3.47 -1.06	67.60 -2.52 0.00	73.86 -3.08 0.00	75.64 -1.86 0.00	74.64 -2.63 0.00	68.00 -2.39 0.00	57.96 -1.79 0.00	50.79 -0.51 0.00	49.36 0.63 0.00
OAK ORCHARD____HYD 24046	45.22 0.36 0.00	39.54 0.04 0.00	36.19 -0.40 0.00	33.15 -0.30 0.00	33.10 -0.37 0.00	37.93 -0.50 0.00	40.76 -0.75 0.00	43.39 -0.79 0.00	46.01 -0.42 0.00	48.12 0.19 0.00	49.75 0.05 0.00	52.29 0.26 0.00	55.70 0.06 0.00	60.14 0.24 0.00	64.30 0.51 0.00	62.42 -0.37 -0.86	70.55 0.42 0.00	77.32 0.39 0.00	78.66 1.16 0.00	77.88 0.62 0.00	71.03 0.63 0.00	60.22 0.48 0.00	52.02 0.72 0.00	49.89 1.17 0.00

OAKDALE___35_KV_LOAD 356122	45.45 0.58 0.00	39.90 0.40 0.00	36.85 0.26 0.00	33.69 0.23 0.00	33.71 0.23 0.00	38.73 0.31 0.00	41.84 0.33 0.00	44.45 0.27 0.00	46.90 0.46 0.00	48.55 0.62 0.00	50.35 0.65 0.00	52.81 0.78 0.00	56.48 0.83 0.00	60.80 0.90 0.00	65.33 1.53 0.00	65.38 1.11 -2.34	72.17 1.75 -0.29	80.14 1.92 -1.27	81.11 2.40 -1.21	79.35 2.09 0.00	72.01 1.62 0.00	60.88 1.14 0.00	52.28 0.97 0.00	49.84 1.12 0.00
OCC_CHEM___DRP 24175	43.43 -1.44 0.00	37.96 -1.54 0.00	35.02 -1.57 0.00	31.75 -1.71 0.00	32.00 -1.47 0.00	36.58 -1.84 0.00	38.73 -2.78 0.00	40.52 -3.67 0.00	43.04 -3.39 0.00	45.29 -2.64 0.00	46.92 -2.78 0.00	49.27 -2.76 0.00	52.36 -3.28 0.00	55.83 -4.07 0.00	60.48 -3.32 0.00	58.61 -4.40 -1.08	66.41 -3.72 0.00	72.48 -4.46 0.00	74.17 -3.33 0.00	73.25 -4.02 0.00	66.66 -3.73 0.00	56.88 -2.87 0.00	49.61 -1.69 0.00	48.24 -0.49 0.00
OH_GEN_PROXY 24063	43.97 -0.90 0.00	38.40 -1.11 0.00	35.02 -1.57 0.00	32.11 -1.34 0.00	32.00 -1.47 0.00	36.58 -1.84 0.00	39.15 -2.36 0.00	41.09 -3.09 0.00	43.79 -2.64 0.00	46.10 -1.82 0.00	47.57 -2.14 0.00	50.11 -1.92 0.00	53.14 -2.50 0.00	57.45 -2.46 0.00	61.37 -2.42 0.00	59.59 -3.41 -1.07	67.53 -2.59 0.00	73.86 -3.08 0.00	75.41 -2.09 0.00	74.49 -2.78 0.00	67.79 -2.60 0.00	58.38 -2.09 -0.73	49.55 -1.03 0.73	48.77 0.05 0.00
OLIN_CORP_DRP 24177	43.88 -0.99 0.00	38.48 -1.03 0.00	34.69 -1.90 0.00	32.18 -1.27 0.00	31.70 -1.77 0.00	36.24 -2.19 0.00	38.73 -2.78 0.00	40.65 -3.53 0.00	43.23 -3.20 0.00	45.43 -2.49 0.00	47.07 -2.63 0.00	49.43 -2.60 0.00	52.58 -3.06 0.00	56.07 -3.83 0.00	60.73 -3.06 0.00	58.87 -4.15 -1.09	66.76 -3.37 0.00	72.94 -4.00 0.00	74.63 -2.87 0.00	73.79 -3.48 0.00	67.09 -3.31 0.00	57.18 -2.57 0.00	49.92 -1.39 0.00	48.63 -0.10 0.00
OLIN_CORP_DSASP 323712	43.47 -1.39 0.00	37.96 -1.54 0.00	35.02 -1.57 0.00	31.75 -1.70 0.00	31.63 -1.84 0.00	36.58 -1.84 0.00	38.73 -2.78 0.00	40.47 -3.71 0.00	43.18 -3.25 0.00	45.53 -2.39 0.00	46.92 -2.78 0.00	49.43 -2.60 0.00	52.42 -3.23 0.00	56.67 -3.24 0.00	60.47 -3.32 0.00	58.61 -4.40 -1.08	66.41 -3.72 0.00	72.56 -4.38 0.00	74.17 -3.33 0.00	73.24 -4.02 0.00	66.66 -3.73 0.00	56.82 -2.93 0.00	49.66 -1.64 0.00	48.24 -0.49 0.00
ONEIDA_HERK_LFGE 323681	46.34 1.48 0.00	40.69 1.18 0.00	37.43 0.84 0.00	34.19 0.74 0.00	34.24 0.77 0.00	39.50 1.07 0.00	42.59 1.08 0.00	45.47 1.28 0.00	47.87 1.44 0.00	49.36 1.44 0.00	51.05 1.34 0.00	53.44 1.41 0.00	56.92 1.28 0.00	61.16 1.26 0.00	65.07 1.28 0.00	63.22 1.05 -0.24	71.32 1.19 0.00	78.40 1.46 0.00	79.67 2.17 0.00	79.66 2.40 0.00	72.65 2.25 0.00	61.71 1.97 0.00	53.00 1.69 0.00	50.24 1.51 0.00
ONEIDA___115KV_TB4 55905	46.43 1.57 0.00	40.77 1.26 0.00	37.65 1.06 0.00	34.39 0.94 0.00	34.44 0.97 0.00	39.69 1.27 0.00	42.80 1.29 0.00	45.64 1.46 0.00	48.11 1.67 0.00	49.70 1.77 0.00	51.44 1.74 0.00	53.90 1.87 0.00	57.48 1.84 0.00	61.82 1.92 0.00	65.84 2.04 0.00	64.16 1.80 -0.44	72.23 2.10 0.00	79.48 2.54 0.00	80.60 3.10 0.00	80.51 3.25 0.00	73.28 2.89 0.00	62.20 2.45 0.00	53.36 2.05 0.00	50.58 1.85 0.00
ONONDAGA_REF_OCCRA 23987	44.95 0.09 0.00	39.50 0.00 0.00	36.52 -0.07 0.00	33.35 -0.10 0.00	33.41 -0.07 0.00	38.39 -0.04 0.00	41.47 -0.04 0.00	44.18 0.00 0.00	46.57 0.14 0.00	48.21 0.29 0.00	50.00 0.30 0.00	52.39 0.36 0.00	56.03 0.39 0.00	60.26 0.36 0.00	64.50 0.70 0.00	63.14 0.37 -0.84	70.76 0.63 0.00	77.71 0.77 0.00	78.66 1.16 0.00	78.19 0.93 0.00	71.17 0.77 0.00	60.28 0.54 0.00	51.66 0.36 0.00	49.11 0.39 0.00
ONONDAGA___COGEN 23986	45.04 0.18 0.00	39.58 0.08 0.00	36.59 0.00 0.00	33.42 -0.03 0.00	33.47 0.00 0.00	38.43 0.00 0.00	41.51 0.00 0.00	44.23 0.04 0.00	46.62 0.19 0.00	48.26 0.34 0.00	50.05 0.35 0.00	52.39 0.36 0.00	56.09 0.45 0.00	60.02 0.12 0.00	64.18 0.38 0.00	62.76 0.06 -0.77	70.41 0.28 0.00	77.32 0.38 0.00	78.20 0.70 0.00	77.81 0.54 0.00	70.89 0.49 0.00	60.28 0.54 0.00	51.72 0.41 0.00	49.16 0.44 0.00
ONTARIO___LFGE 23819	45.76 0.90 0.00	40.02 0.51 0.00	36.81 0.22 0.00	33.65 0.20 0.00	33.67 0.20 0.00	38.73 0.31 0.00	41.80 0.29 0.00	44.49 0.31 0.00	47.04 0.60 0.00	48.83 0.91 0.00	50.50 0.79 0.00	52.76 0.73 0.00	56.26 0.61 0.00	60.74 0.84 0.00	65.07 1.28 0.00	63.53 0.56 -1.05	71.46 1.33 0.00	78.56 1.62 0.00	79.98 2.48 0.00	79.58 2.32 0.00	72.30 1.90 0.00	61.12 1.38 0.00	52.59 1.28 0.00	50.14 1.41 0.00
ORANGEVILLE_WT_PWR 323706	44.37 -0.49 0.00	38.52 -0.99 0.00	35.35 -1.24 0.00	32.45 -1.00 0.00	32.37 -1.10 0.00	37.00 -1.42 0.00	39.73 -1.78 0.00	41.80 -2.39 0.00	44.39 -2.04 0.00	46.34 -1.58 0.00	47.76 -1.94 0.00	50.31 -1.72 0.00	53.47 -2.17 0.00	57.81 -2.10 0.00	61.82 -1.98 0.00	60.30 -2.97 -1.35	68.12 -2.17 -0.17	75.14 -2.54 -0.74	76.95 -1.24 -0.70	75.95 -1.31 0.00	69.27 -1.13 0.00	58.91 -0.84 0.00	51.15 -0.15 0.00	49.41 0.68 0.00
ORANGEVILLE___ESR 323794	44.37 -0.49 0.00	38.52 -0.99 0.00	35.35 -1.24 0.00	32.45 -1.00 0.00	32.37 -1.10 0.00	37.00 -1.42 0.00	39.73 -1.78 0.00	41.80 -2.39 0.00	44.39 -2.04 0.00	46.34 -1.58 0.00	47.76 -1.94 0.00	50.31 -1.72 0.00	53.47 -2.17 0.00	57.81 -2.10 0.00	61.82 -1.98 0.00	60.30 -2.97 -1.35	68.12 -2.17 -0.17	75.14 -2.54 -0.74	76.95 -1.24 -0.70	75.95 -1.31 0.00	69.27 -1.13 0.00	58.91 -0.84 0.00	51.15 -0.15 0.00	49.41 0.68 0.00
OSWEGATCHIE___HYD 24044	45.81 0.94 0.00	40.25 0.75 0.00	36.96 0.37 0.00	33.75 0.30 0.00	33.84 0.37 0.00	38.96 0.54 0.00	42.09 0.58 0.00	44.85 0.66 0.00	47.08 0.65 0.00	48.45 0.53 0.00	50.00 0.30 0.00	52.13 0.10 0.00	55.48 -0.17 0.00	59.55 -0.36 0.00	63.03 -0.76 0.00	60.82 -1.11 0.00	68.58 -1.54 0.00	75.32 -1.62 0.00	76.26 -1.24 0.00	76.73 -0.54 0.00	70.32 -0.07 0.00	60.17 0.42 0.00	52.02 0.72 0.00	49.65 0.92 0.00
OSWEGO___5 23606	44.14 -0.72 0.00	38.79 -0.71 0.00	35.86 -0.73 0.00	32.82 -0.64 0.00	32.84 -0.64 0.00	37.69 -0.73 0.00	40.68 -0.83 0.00	43.30 -0.88 0.00	45.64 -0.79 0.00	47.21 -0.72 0.00	48.96 -0.74 0.00	51.25 -0.78 0.00	54.81 -0.83 0.00	59.01 -0.90 0.00	62.96 -0.83 0.00	61.49 -0.99 -0.55	69.14 -0.98 0.00	75.86 -1.08 0.00	76.72 -0.77 0.00	76.42 -0.85 0.00	69.55 -0.84 0.00	58.85 -0.89 0.00	50.59 -0.72 0.00	48.09 -0.63 0.00
OSWEGO___6 23613	44.14 -0.72 0.00	38.79 -0.71 0.00	35.86 -0.73 0.00	32.82 -0.64 0.00	32.84 -0.64 0.00	37.69 -0.73 0.00	40.68 -0.83 0.00	43.30 -0.88 0.00	45.64 -0.79 0.00	47.21 -0.72 0.00	48.96 -0.74 0.00	51.25 -0.78 0.00	54.81 -0.83 0.00	59.01 -0.90 0.00	62.96 -0.83 0.00	61.49 -0.99 -0.55	69.14 -0.98 0.00	75.86 -1.08 0.00	76.72 -0.77 0.00	76.42 -0.85 0.00	69.55 -0.84 0.00	58.85 -0.89 0.00	50.59 -0.72 0.00	48.09 -0.63 0.00

OUTOKUMPU-AB___DRP 24206	44.46 -0.40 0.00	38.87 -0.63 0.00	35.53 -1.06 0.00	32.48 -0.97 0.00	32.43 -1.04 0.00	37.12 -1.31 0.00	39.52 -1.99 0.00	41.53 -2.65 0.00	44.20 -2.23 0.00	46.49 -1.44 0.00	48.11 -1.59 0.00	50.52 -1.51 0.00	53.81 -1.84 0.00	57.45 -2.46 0.00	61.94 -1.85 0.00	60.06 -2.97 -1.10	68.02 -2.10 0.00	74.25 -2.69 0.00	76.03 -1.47 0.00	75.10 -2.16 0.00	68.28 -2.11 0.00	58.61 -1.14 0.00	51.05 -0.26 0.00	49.60 0.88 0.00
OXBOW___BTM 323836	44.10 -0.76 0.00	38.52 -0.99 0.00	35.35 -1.24 0.00	32.18 -1.27 0.00	32.07 -1.40 0.00	36.89 -1.54 0.00	39.19 -2.32 0.00	41.09 -3.09 0.00	43.83 -2.60 0.00	46.20 -1.72 0.00	47.62 -2.09 0.00	50.16 -1.87 0.00	53.25 -2.39 0.00	57.57 -2.34 0.00	61.37 -2.42 0.00	59.49 -3.53 -1.09	67.11 -3.01 0.00	73.25 -3.69 0.00	74.94 -2.56 0.00	73.94 -3.32 0.00	67.30 -3.10 0.00	57.83 -1.91 0.00	50.48 -0.82 0.00	49.02 0.29 0.00
OXBOW___ 24026	44.01 -0.85 0.00	38.52 -0.99 0.00	35.35 -1.24 0.00	32.18 -1.27 0.00	32.27 -1.20 0.00	36.89 -1.54 0.00	39.19 -2.32 0.00	41.09 -3.09 0.00	43.74 -2.69 0.00	45.96 -1.96 0.00	47.62 -2.09 0.00	50.00 -2.03 0.00	53.20 -2.45 0.00	56.79 -3.12 0.00	61.37 -2.42 0.00	59.49 -3.53 -1.09	67.04 -3.09 0.00	73.17 -3.77 0.00	74.94 -2.56 0.00	73.94 -3.32 0.00	67.30 -3.10 0.00	57.89 -1.85 0.00	50.43 -0.87 0.00	49.02 0.29 0.00
OXY_CHEM_DSASP 323612	43.43 -1.44 0.00	37.96 -1.54 0.00	35.02 -1.57 0.00	31.75 -1.71 0.00	32.00 -1.47 0.00	36.58 -1.84 0.00	38.73 -2.78 0.00	40.52 -3.67 0.00	43.04 -3.39 0.00	45.29 -2.64 0.00	46.92 -2.78 0.00	49.27 -2.76 0.00	52.36 -3.28 0.00	55.83 -4.07 0.00	60.48 -3.32 0.00	58.61 -4.40 -1.08	66.41 -3.72 0.00	72.48 -4.46 0.00	74.17 -3.33 0.00	73.25 -4.02 0.00	66.66 -3.73 0.00	56.88 -2.87 0.00	49.61 -1.69 0.00	48.24 -0.49 0.00
OZONE_PARK_ESR 323760	49.31 4.44 0.00	43.49 3.99 0.00	40.14 3.55 0.00	36.56 3.11 0.00	36.55 3.08 0.00	42.11 3.69 0.00	45.91 4.40 0.00	49.13 4.95 0.00	51.69 5.25 -0.01	54.66 5.32 -1.42	55.55 5.77 -0.08	58.24 6.19 -0.01	62.71 7.07 0.00	67.93 8.03 0.00	73.11 9.31 0.00	118.12 9.35 -46.84	140.32 10.73 -59.47	176.53 11.69 -87.90	121.83 12.01 -32.32	88.16 10.89 0.00	79.12 8.73 0.00	65.96 6.21 0.00	56.44 5.13 0.00	53.16 4.43 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	43.43 -1.44 0.00	37.96 -1.54 0.00	35.02 -1.57 0.00	31.75 -1.71 0.00	32.00 -1.47 0.00	36.58 -1.84 0.00	38.73 -2.78 0.00	40.52 -3.67 0.00	43.04 -3.39 0.00	45.29 -2.64 0.00	46.92 -2.78 0.00	49.27 -2.76 0.00	52.36 -3.28 0.00	55.83 -4.07 0.00	60.48 -3.32 0.00	58.61 -4.40 -1.08	66.41 -3.72 0.00	72.48 -4.46 0.00	74.17 -3.33 0.00	73.25 -4.02 0.00	66.66 -3.73 0.00	56.88 -2.87 0.00	49.61 -1.69 0.00	48.24 -0.49 0.00
PACKARD__115KV_DUPONT_184 80571	43.43 -1.44 0.00	37.96 -1.54 0.00	35.02 -1.57 0.00	31.75 -1.71 0.00	32.00 -1.47 0.00	36.58 -1.84 0.00	38.73 -2.78 0.00	40.52 -3.67 0.00	43.04 -3.39 0.00	45.29 -2.64 0.00	46.92 -2.78 0.00	49.27 -2.76 0.00	52.36 -3.28 0.00	55.83 -4.07 0.00	60.48 -3.32 0.00	58.61 -4.40 -1.08	66.41 -3.72 0.00	72.48 -4.46 0.00	74.17 -3.33 0.00	73.25 -4.02 0.00	66.66 -3.73 0.00	56.88 -2.87 0.00	49.61 -1.69 0.00	48.24 -0.49 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	49.04 4.17 0.00	43.18 3.67 0.00	39.88 3.29 0.00	36.36 2.91 0.00	36.32 2.85 0.00	41.73 3.30 0.00	45.54 4.03 0.00	48.65 4.46 0.00	51.14 4.69 -0.02	53.91 4.55 -1.43	54.96 5.17 -0.09	57.61 5.57 -0.02	61.99 6.34 0.00	67.39 7.49 0.00	72.34 8.55 0.00	117.32 8.55 -46.85	139.34 9.75 -59.47	175.39 10.54 -87.91	120.52 10.69 -32.33	86.93 9.66 -0.01	78.00 7.60 0.00	64.94 5.20 0.00	56.02 4.72 0.00	52.82 4.09 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	49.75 4.89 0.00	43.81 4.31 0.00	40.47 3.88 0.00	36.87 3.41 0.00	36.85 3.38 0.00	42.31 3.88 0.00	46.16 4.65 0.00	49.26 5.08 0.00	51.74 5.29 -0.02	54.58 5.22 -1.43	55.71 5.91 -0.09	58.34 6.30 -0.02	62.77 7.12 0.00	68.23 8.33 0.00	73.36 9.57 0.00	118.31 9.54 -46.85	140.39 10.80 -59.47	176.62 11.77 -87.91	121.76 11.93 -32.33	88.24 10.97 -0.01	79.12 8.73 0.00	65.90 6.15 0.00	56.85 5.54 0.00	53.65 4.92 0.00
PATROON__115KV_TB1 80586	45.58 0.72 0.00	40.21 0.71 0.00	37.47 0.88 0.00	34.22 0.77 0.00	34.21 0.74 0.00	39.31 0.88 0.00	42.38 0.87 0.00	45.20 1.02 0.00	47.27 0.84 0.00	48.64 0.72 0.00	50.65 0.94 0.00	52.97 0.94 0.00	56.70 1.06 0.00	61.28 1.38 0.00	65.52 1.72 0.00	62.33 1.73 1.33	72.30 1.89 -0.28	80.57 2.39 -1.25	81.24 2.56 -1.18	79.51 2.24 0.00	70.13 1.62 1.88	60.76 1.02 0.00	52.07 0.77 0.00	49.31 0.58 0.00
PATTRSNVILLE___SOLAR 323815	46.84 1.97 0.00	41.28 1.78 0.00	38.24 1.65 0.00	34.92 1.47 0.00	34.91 1.44 0.00	40.23 1.81 0.00	43.38 1.87 0.00	46.12 1.94 0.00	48.34 1.90 0.00	49.65 1.72 0.00	51.44 1.74 0.00	53.85 1.82 0.00	57.59 1.95 0.00	62.12 2.22 0.00	66.47 2.68 0.00	63.44 2.72 1.21	73.52 3.16 -0.23	81.80 3.85 -1.01	82.95 4.49 -0.96	81.90 4.64 0.00	74.93 3.87 -0.67	62.67 2.93 0.00	53.77 2.46 0.00	50.72 2.00 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	44.06 -0.81 0.00	38.48 -1.03 0.00	35.05 -1.54 0.00	32.18 -1.27 0.00	32.00 -1.47 0.00	36.70 -1.73 0.00	39.39 -2.12 0.00	41.53 -2.65 0.00	44.16 -2.28 0.00	46.34 -1.58 0.00	48.01 -1.69 0.00	50.37 -1.66 0.00	53.75 -1.89 0.00	57.51 -2.40 0.00	62.26 -1.53 0.00	60.35 -2.79 -1.20	68.72 -1.40 0.00	75.09 -1.85 0.00	76.80 -0.70 0.00	75.80 -1.47 0.00	68.85 -1.55 0.00	58.61 -1.14 0.00	50.84 -0.46 0.00	49.31 0.58 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	48.77 3.90 0.00	43.02 3.52 0.00	39.66 3.07 0.00	36.23 2.78 0.00	36.22 2.74 0.00	41.69 3.27 0.00	45.33 3.82 0.00	48.38 4.20 0.00	50.94 4.50 0.00	52.33 4.41 0.00	54.72 5.02 0.00	57.44 5.41 0.00	62.04 6.40 0.00	67.39 7.49 0.00	72.66 8.87 0.00	117.74 8.92 -46.89	139.68 10.24 -59.32	175.50 11.31 -87.25	120.83 11.62 -31.71	87.70 10.43 0.00	78.49 8.10 0.00	65.42 5.68 0.00	55.77 4.46 0.00	52.62 3.90 0.00
PEEKSKILL___ 23653	48.23 3.37 0.00	42.59 3.08 0.00	39.34 2.75 0.00	35.86 2.41 0.00	35.88 2.41 0.00	41.31 2.88 0.00	44.91 3.40 0.00	47.98 3.80 0.00	50.38 3.94 0.00	51.85 3.88 -0.04	54.08 4.37 0.00	56.76 4.73 0.00	61.15 5.51 0.00	66.08 6.17 0.00	71.38 7.59 0.00	116.43 7.68 -46.82	138.35 8.84 -59.39	173.89 9.38 -87.57	119.43 9.92 -32.01	86.46 9.19 0.00	77.37 6.97 0.00	64.65 4.90 0.00	55.26 3.95 0.00	52.04 3.31 0.00
PGE MADISON___WINDPWR 24146	48.45 3.59 0.00	42.39 2.88 0.00	39.08 2.49 0.00	35.66 2.21 0.00	35.78 2.31 0.00	41.46 3.03 0.00	44.58 3.07 0.00	47.67 3.49 0.00	50.43 3.99 0.00	52.19 4.26 0.00	53.68 3.98 0.00	56.30 4.27 0.00	59.70 4.06 0.00	64.34 4.43 0.00	68.45 4.65 0.00	68.23 4.02 -2.28	75.19 4.77 -0.29	83.91 5.69 -1.27	86.07 7.37 -1.21	84.99 7.73 0.00	77.37 6.97 0.00	65.60 5.86 0.00	56.34 5.03 0.00	53.40 4.68 0.00

PIERCEFIELD___HYD 23852	45.13 0.27 0.00	39.78 0.28 0.00	36.81 0.22 0.00	33.59 0.13 0.00	33.67 0.20 0.00	38.62 0.19 0.00	41.80 0.29 0.00	44.40 0.22 0.00	46.57 0.14 0.00	48.02 0.10 0.00	49.50 -0.20 0.00	51.51 -0.52 0.00	54.87 -0.78 0.00	58.89 -1.02 0.00	62.14 -1.66 0.00	59.95 -1.98 0.00	67.25 -2.88 0.00	73.40 -3.54 0.00	73.55 -3.95 0.00	74.17 -3.09 0.00	68.21 -2.18 0.00	58.91 -0.84 0.00	51.20 -0.10 0.00	49.02 0.29 0.00
PINELAWN_CC_1 323563	49.76 4.89 -0.01	44.13 4.46 -0.17	40.59 3.99 -0.01	36.94 3.48 -0.01	36.99 3.51 -0.01	42.59 4.15 -0.01	46.37 4.85 -0.01	49.45 5.26 -0.01	51.17 4.74 0.00	52.53 4.56 -0.05	53.65 4.08 0.13	56.46 4.63 0.20	61.18 5.79 0.25	69.19 6.95 -2.34	81.35 8.49 -9.07	117.01 8.24 -46.85	139.27 9.68 -59.47	175.39 10.54 -87.91	120.99 11.16 -32.33	91.04 10.51 -3.27	77.93 7.54 0.00	65.74 5.20 -0.80	59.59 4.67 -3.61	51.79 3.75 0.68
PJM_GEN_HTP_PROXY 323702	48.68 3.81 0.00	42.98 3.48 0.00	39.70 3.11 0.00	36.16 2.71 0.00	36.15 2.68 0.00	41.65 3.23 0.00	45.41 3.90 0.00	48.56 4.38 0.00	51.04 4.60 -0.01	53.60 4.60 -1.08	54.89 5.12 -0.06	57.50 5.46 -0.01	61.93 6.29 0.00	66.85 6.95 0.00	72.15 8.35 0.00	117.19 8.42 -46.84	139.20 9.61 -59.47	175.07 10.23 -87.90	120.52 10.70 -32.32	87.24 9.97 0.00	78.00 7.61 0.00	65.85 5.38 -0.73	54.99 4.41 0.73	52.48 3.75 0.00
PJM_GEN_KEystone 24065	46.03 1.16 0.00	40.45 0.95 0.00	37.21 0.62 0.00	33.99 0.53 0.00	33.97 0.50 0.00	39.04 0.61 0.00	42.30 0.79 0.00	44.59 0.80 0.39	47.05 0.98 0.36	48.77 1.24 0.40	50.60 1.39 0.50	53.21 1.66 0.48	56.82 1.89 0.72	61.35 2.22 0.77	66.38 3.13 0.54	69.59 2.79 -4.87	77.95 3.78 -4.04	92.17 3.85 -11.39	90.74 4.49 -8.74	79.97 4.02 1.31	72.75 2.82 0.46	61.86 1.85 -0.26	52.00 1.69 1.00	50.28 1.75 0.19
PJM_GEN_NEPTUNE_PROXY 323594	49.00 4.12 -0.01	43.46 3.79 -0.17	40.04 3.44 -0.01	36.50 3.04 -0.01	36.49 3.01 -0.01	42.04 3.61 -0.01	45.71 4.19 -0.01	48.83 4.64 -0.01	50.61 4.18 0.00	52.62 4.65 -0.05	53.82 4.12 0.00	56.66 4.63 0.00	61.38 5.73 0.00	66.92 6.77 -0.25	72.99 8.23 -0.96	116.82 8.05 -46.85	138.99 9.40 -59.47	175.01 10.16 -87.91	120.53 10.70 -32.33	87.64 10.04 -0.34	77.65 7.25 0.00	65.49 5.02 -0.73	55.57 4.67 0.40	51.75 3.85 0.82
PJM_GEN_VFT_PROXY 323633	48.45 3.59 0.00	42.78 3.28 0.00	39.52 2.93 0.00	35.99 2.54 0.00	35.98 2.51 0.00	41.50 3.08 0.00	45.19 3.69 0.01	42.78 4.20 5.60	45.60 4.36 5.20	46.60 4.41 5.73	47.44 4.82 7.08	50.30 5.15 6.88	51.32 5.96 10.28	55.44 6.59 11.05	64.10 7.97 7.67	88.30 8.05 -18.33	110.18 9.18 -30.87	131.40 9.77 -44.69	101.08 10.23 -13.35	68.01 9.50 18.76	70.95 7.18 6.63	58.80 5.02 5.96	50.86 4.11 4.55	49.42 3.46 2.76
PLATSBURG_115KV_PMLD1 355749	44.60 -0.27 0.00	39.27 -0.24 0.00	36.33 -0.26 0.00	33.22 -0.23 0.00	33.30 -0.17 0.00	38.16 -0.27 0.00	41.34 -0.17 0.00	43.96 -0.22 0.00	46.06 -0.37 0.00	47.44 -0.48 0.00	48.56 -1.14 0.00	50.68 -1.35 0.00	53.36 -2.28 0.00	57.03 -2.88 0.00	60.22 -3.57 0.00	58.46 -3.47 0.00	66.13 -4.00 0.00	72.94 -4.00 0.00	73.08 -4.42 0.00	73.56 -3.71 0.00	67.44 -2.96 0.00	57.60 -2.15 0.00	49.82 -1.49 0.00	47.80 -0.93 0.00
PLEASANTVLY___LBMP 24000	47.74 2.87 0.00	42.15 2.65 0.00	39.01 2.41 0.00	35.59 2.14 0.00	35.58 2.11 0.00	40.96 2.54 0.00	44.46 2.95 0.00	47.45 3.27 0.00	49.82 3.39 0.00	51.23 3.31 0.00	53.43 3.73 0.00	56.09 4.06 0.00	60.32 4.67 0.00	65.30 5.39 0.00	70.17 6.38 0.00	74.69 6.50 -6.26	82.35 7.43 -4.79	106.10 8.16 -21.00	105.81 8.45 -19.87	84.91 7.65 0.00	76.38 5.98 0.00	63.93 4.18 0.00	54.64 3.33 0.00	51.55 2.83 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	48.41 3.54 0.00	42.70 3.20 0.00	39.48 2.89 0.00	36.00 2.54 0.00	35.98 2.51 0.00	41.46 3.04 0.00	45.08 3.57 0.00	48.16 3.98 0.00	50.61 4.18 0.00	52.02 4.17 0.07	54.32 4.62 0.00	57.02 4.99 0.00	61.43 5.79 0.00	66.61 6.71 0.00	71.71 7.91 0.00	116.92 8.11 -46.87	138.87 9.26 -59.49	175.09 10.16 -88.00	120.37 10.46 -32.41	86.54 9.27 0.00	77.72 7.32 0.00	64.82 5.08 0.00	55.41 4.10 0.00	52.23 3.51 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.41 3.54 0.00	42.70 3.20 0.00	39.48 2.89 0.00	36.00 2.54 0.00	35.98 2.51 0.00	41.46 3.04 0.00	45.08 3.57 0.00	48.16 3.98 0.00	50.61 4.18 0.00	52.02 4.17 0.07	54.32 4.62 0.00	57.02 4.99 0.00	61.43 5.79 0.00	66.61 6.71 0.00	71.71 7.91 0.00	116.92 8.11 -46.87	138.87 9.26 -59.49	175.09 10.16 -88.00	120.37 10.46 -32.41	86.54 9.27 0.00	77.72 7.32 0.00	64.82 5.08 0.00	55.41 4.10 0.00	52.23 3.51 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.09 3.23 0.00	42.39 2.88 0.00	39.19 2.60 0.00	35.76 2.31 0.00	35.75 2.28 0.00	41.19 2.77 0.00	44.75 3.24 0.00	47.76 3.58 0.00	50.19 3.76 0.00	51.61 3.69 0.00	53.78 4.08 0.00	56.56 4.53 0.00	60.82 5.17 0.00	65.83 5.93 0.00	70.62 6.83 0.00	75.10 6.81 -6.36	81.77 7.78 -3.86	102.31 8.46 -16.91	102.25 8.76 -15.99	85.76 8.50 0.00	77.22 6.83 0.00	64.59 4.84 0.00	55.26 3.95 0.00	52.09 3.36 0.00
POLETTI_____ 23519	48.77 3.90 0.00	43.02 3.52 0.00	39.74 3.15 0.00	36.23 2.78 0.00	36.22 2.74 0.00	41.69 3.27 0.00	45.45 3.94 0.00	48.56 4.37 0.00	51.09 4.64 -0.01	53.99 4.65 -1.42	54.85 5.07 -0.08	57.51 5.46 -0.01	61.88 6.23 0.00	67.03 7.13 0.00	72.09 8.29 0.00	117.20 8.42 -46.84	139.20 9.61 -59.47	175.23 10.39 -87.90	120.51 10.69 -32.32	86.92 9.66 0.00	77.93 7.53 0.00	65.06 5.32 0.00	55.67 4.36 0.00	52.52 3.80 0.00
POMONA___ESR 323819	48.10 3.23 0.00	42.47 2.96 0.00	39.23 2.64 0.00	35.76 2.31 0.00	35.78 2.31 0.00	41.23 2.80 0.00	44.79 3.28 0.00	47.89 3.71 0.00	50.24 3.81 0.00	51.71 3.79 0.00	53.93 4.22 0.00	56.66 4.63 0.00	60.99 5.34 0.00	65.89 5.99 0.00	71.13 7.33 0.00	75.58 7.43 -6.22	82.51 8.48 -3.91	102.98 8.92 -17.12	103.14 9.45 -16.19	86.15 8.88 0.00	77.22 6.83 0.00	64.58 4.84 0.00	55.20 3.90 0.00	52.04 3.31 0.00
PORT_JEFF_3 23555	49.72 4.85 -0.01	44.09 4.42 -0.17	40.47 3.88 -0.01	36.81 3.34 -0.01	36.90 3.42 -0.01	42.47 4.03 -0.01	46.25 4.73 -0.01	49.23 5.04 -0.01	50.94 4.50 0.00	52.72 4.75 -0.05	53.42 4.08 0.36	56.01 4.52 0.55	60.64 5.68 0.68	67.70 6.77 -1.03	76.14 8.35 -3.99	117.02 8.24 -46.86	139.29 9.68 -59.48	175.33 10.46 -87.93	139.43 11.00 -50.93	88.99 10.28 -1.45	77.65 7.25 0.00	65.24 4.84 -0.66	56.88 4.46 -1.11	51.60 3.85 0.97
PORT_JEFF_4 23616	49.72 4.85 -0.01	44.09 4.42 -0.17	40.47 3.88 -0.01	36.81 3.34 -0.01	36.90 3.42 -0.01	42.47 4.03 -0.01	46.25 4.73 -0.01	49.23 5.04 -0.01	50.94 4.50 0.00	52.72 4.75 -0.05	53.42 4.08 0.36	56.01 4.52 0.55	60.64 5.68 0.68	67.70 6.77 -1.03	76.14 8.35 -3.99	117.02 8.24 -46.86	139.29 9.68 -59.48	175.33 10.46 -87.93	139.43 11.00 -50.93	88.99 10.28 -1.45	77.65 7.25 0.00	65.24 4.84 -0.66	56.88 4.46 -1.11	51.60 3.85 0.97

PORT_JEFF_IC 23713	49.89 5.02 0.00	44.21 4.54 -0.17	40.54 3.95 0.00	36.87 3.41 0.00	36.95 3.48 0.00	42.54 4.11 0.00	46.32 4.82 0.00	49.35 5.17 0.00	51.26 4.83 0.00	53.05 5.08 -0.05	53.49 4.27 0.49	56.07 4.79 0.74	60.67 5.95 0.93	67.98 7.01 -1.07	76.41 8.48 -4.13	117.15 8.36 -46.86	139.43 9.82 -59.49	175.71 10.85 -87.93	152.88 11.16 -64.22	88.97 10.20 -1.50	77.72 7.32 0.00	65.31 4.90 -0.67	56.89 4.62 -0.96	51.52 3.85 1.06
PPL PILGRIM_ST_GT1 24216	50.07 5.20 -0.01	44.41 4.74 -0.17	40.77 4.17 -0.01	37.11 3.65 -0.01	37.19 3.71 -0.01	42.81 4.38 -0.01	46.62 5.10 -0.01	49.67 5.48 -0.01	51.35 4.92 0.00	53.05 5.08 -0.05	54.34 4.62 -0.01	57.29 5.25 0.00	62.15 6.51 0.00	68.64 7.49 -1.25	77.68 9.12 -4.76	117.26 8.48 -46.85	139.55 9.95 -59.47	175.70 10.85 -87.91	121.30 11.47 -32.33	90.25 11.28 -1.70	78.59 8.16 -0.03	71.66 5.86 -6.06	58.52 5.18 -2.04	52.26 4.29 0.75
PPL PILGRIM_ST_GT2 24217	50.07 5.20 -0.01	44.41 4.74 -0.17	40.77 4.17 -0.01	37.11 3.65 -0.01	37.19 3.71 -0.01	42.81 4.38 -0.01	46.62 5.10 -0.01	49.67 5.48 -0.01	51.35 4.92 0.00	53.05 5.08 -0.05	54.34 4.62 -0.01	57.29 5.25 0.00	62.15 6.51 0.00	68.64 7.49 -1.25	77.68 9.12 -4.76	117.26 8.48 -46.85	139.55 9.95 -59.47	175.70 10.85 -87.91	121.30 11.47 -32.33	90.25 11.28 -1.70	78.59 8.16 -0.03	71.66 5.86 -6.06	58.52 5.18 -2.04	52.26 4.29 0.75
PPL_SHRM_GT3 24213	49.49 4.62 -0.01	43.85 4.19 -0.17	40.19 3.59 -0.01	36.50 3.04 -0.01	36.63 3.15 -0.01	42.16 3.73 -0.01	45.92 4.40 -0.01	48.87 4.68 -0.01	50.56 4.13 0.00	52.34 4.36 -0.05	53.20 3.88 0.38	55.87 4.42 0.58	60.53 5.62 0.73	67.90 6.95 -1.05	76.46 8.61 -4.06	117.33 8.55 -46.86	139.64 10.03 -59.48	175.79 10.92 -87.93	142.57 11.55 -53.52	89.47 10.74 -1.47	78.00 7.61 0.00	65.36 4.90 -0.72	56.77 4.36 -1.11	51.44 3.70 0.99
PPL_SHRM_GT4 24214	49.49 4.62 -0.01	43.85 4.19 -0.17	40.19 3.59 -0.01	36.50 3.04 -0.01	36.63 3.15 -0.01	42.16 3.73 -0.01	45.92 4.40 -0.01	48.87 4.68 -0.01	50.56 4.13 0.00	52.34 4.36 -0.05	53.20 3.88 0.38	55.87 4.42 0.58	60.53 5.62 0.73	67.90 6.95 -1.05	76.46 8.61 -4.06	117.33 8.55 -46.86	139.64 10.03 -59.48	175.79 10.92 -87.93	142.57 11.55 -53.52	89.47 10.74 -1.47	78.00 7.61 0.00	65.36 4.90 -0.72	56.77 4.36 -1.11	51.44 3.70 0.99
PROJECT___ORANGE 1 24174	44.82 -0.04 0.00	39.38 -0.12 0.00	36.41 -0.18 0.00	33.25 -0.20 0.00	33.30 -0.17 0.00	38.27 -0.15 0.00	41.30 -0.21 0.00	44.01 -0.18 0.00	46.43 0.00 0.00	48.07 0.14 0.00	49.85 0.15 0.00	52.24 0.21 0.00	55.92 0.28 0.00	60.14 0.24 0.00	64.31 0.51 0.00	62.80 0.19 -0.69	70.62 0.49 0.00	77.48 0.54 0.00	78.35 0.85 0.00	77.88 0.62 0.00	70.89 0.49 0.00	59.99 0.24 0.00	51.46 0.15 0.00	48.92 0.19 0.00
PROJECT___ORANGE 2 24166	44.82 -0.04 0.00	39.38 -0.12 0.00	36.41 -0.18 0.00	33.25 -0.20 0.00	33.30 -0.17 0.00	38.27 -0.15 0.00	41.30 -0.21 0.00	44.01 -0.18 0.00	46.43 0.00 0.00	48.07 0.14 0.00	49.85 0.15 0.00	52.24 0.21 0.00	55.92 0.28 0.00	60.14 0.24 0.00	64.31 0.51 0.00	62.80 0.19 -0.69	70.62 0.49 0.00	77.48 0.54 0.00	78.35 0.85 0.00	77.88 0.62 0.00	70.89 0.49 0.00	59.99 0.24 0.00	51.46 0.15 0.00	48.92 0.19 0.00
PUCKETT___SOLAR 323809	46.26 1.39 0.00	40.57 1.07 0.00	37.47 0.88 0.00	34.25 0.80 0.00	34.27 0.80 0.00	39.50 1.07 0.00	42.59 1.08 0.00	45.33 1.15 0.00	47.78 1.35 0.00	49.41 1.49 0.00	51.15 1.44 0.00	53.64 1.61 0.00	57.20 1.56 0.00	61.70 1.80 0.00	66.03 2.23 0.00	66.20 1.86 -2.42	72.95 2.52 -0.30	81.12 2.85 -1.33	82.48 3.72 -1.26	80.90 3.63 0.00	73.42 3.02 0.00	62.07 2.33 0.00	53.36 2.05 0.00	50.72 2.00 0.00
PYRITES___HYD 24023	45.90 1.03 0.00	40.45 0.95 0.00	37.40 0.80 0.00	34.16 0.70 0.00	34.24 0.77 0.00	39.31 0.88 0.00	42.51 1.00 0.00	45.11 0.93 0.00	47.22 0.79 0.00	48.59 0.67 0.00	50.05 0.35 0.00	52.03 0.00 0.00	55.31 -0.33 0.00	59.37 -0.54 0.00	62.65 -1.15 0.00	60.50 -1.42 0.00	68.09 -2.03 0.00	74.55 -2.39 0.00	74.94 -2.56 0.00	75.80 -1.47 0.00	69.83 -0.56 0.00	60.22 0.48 0.00	52.23 0.92 0.00	49.89 1.17 0.00
QUAKERRD_115KV_BK1 80622	44.24 -0.63 0.00	38.75 -0.75 0.00	35.53 -1.06 0.00	32.52 -0.94 0.00	32.50 -0.97 0.00	37.27 -1.15 0.00	40.10 -1.41 0.00	42.73 -1.46 0.00	45.18 -1.25 0.00	47.11 -0.81 0.00	48.86 -0.84 0.00	51.30 -0.73 0.00	54.70 -0.95 0.00	58.65 -1.26 0.00	63.09 -0.70 0.00	61.33 -1.42 -0.83	69.21 -0.91 0.00	75.86 -1.08 0.00	77.11 -0.39 0.00	76.42 -0.85 0.00	69.62 -0.77 0.00	59.09 -0.66 0.00	50.89 -0.41 0.00	48.72 0.00 0.00
QUENSBRY_115KV_TB8 356137	47.15 2.29 0.00	41.64 2.13 0.00	38.49 1.90 0.00	35.03 1.57 0.00	35.01 1.54 0.00	40.50 2.07 0.00	43.63 2.12 0.00	46.39 2.21 0.00	48.76 2.32 0.00	50.08 2.16 0.00	51.44 1.74 0.00	53.90 1.87 0.00	57.37 1.72 0.00	61.94 2.04 0.00	66.16 2.36 0.00	62.95 2.17 1.14	72.94 2.45 -0.36	82.36 3.85 -1.57	84.02 5.04 -1.49	82.36 5.10 0.00	77.61 4.58 -2.64	63.33 3.58 0.00	54.23 2.92 0.00	50.87 2.14 0.00
RAMAPO___LBMP 323565	47.91 3.05 0.00	42.31 2.80 0.00	39.08 2.49 0.00	35.66 2.21 0.00	35.65 2.18 0.00	41.08 2.65 0.00	44.66 3.15 0.00	47.67 3.49 0.00	50.10 3.67 0.00	51.52 3.59 0.00	53.73 4.03 0.00	56.45 4.42 0.00	60.76 5.12 0.00	65.77 5.87 0.00	70.81 7.02 0.00	75.27 7.12 -6.21	82.09 8.13 -3.83	102.66 8.92 -16.79	102.53 9.14 -15.88	85.53 8.27 0.00	76.87 6.48 0.00	64.23 4.48 0.00	54.95 3.64 0.00	51.79 3.07 0.00
RANKINE____ 23646	44.51 -0.36 0.00	38.87 -0.63 0.00	35.42 -1.17 0.00	32.52 -0.94 0.00	32.37 -1.10 0.00	37.04 -1.38 0.00	39.68 -1.83 0.00	41.84 -2.34 0.00	44.48 -1.95 0.00	46.68 -1.25 0.00	48.31 -1.39 0.00	50.73 -1.30 0.00	54.09 -1.56 0.00	57.81 -2.10 0.00	62.58 -1.21 0.00	60.69 -2.42 -1.18	68.93 -1.19 0.00	75.32 -1.62 0.00	77.11 -0.39 0.00	76.18 -1.08 0.00	69.27 -1.13 0.00	59.03 -0.72 0.00	51.25 -0.05 0.00	49.75 1.02 0.00
RAVENSWOOD_GT2_1 24244	48.77 3.90 0.00	43.02 3.52 0.00	39.74 3.15 0.00	36.23 2.78 0.00	36.22 2.74 0.00	41.69 3.27 0.00	45.45 3.94 0.00	48.60 4.42 0.00	51.09 4.64 -0.02	54.36 4.65 -1.79	54.92 5.12 -0.10	57.56 5.52 -0.02	61.93 6.29 0.00	67.09 7.19 0.00	72.15 8.36 0.00	117.20 8.42 -46.85	139.20 9.61 -59.47	175.30 10.46 -87.90	120.51 10.69 -32.32	86.92 9.66 0.00	78.00 7.60 0.00	65.06 5.32 0.00	55.72 4.41 0.00	52.52 3.80 0.00
RAVENSWOOD_GT2_2 24245	48.77 3.90 0.00	43.02 3.52 0.00	39.74 3.15 0.00	36.23 2.78 0.00	36.22 2.74 0.00	41.69 3.27 0.00	45.45 3.94 0.00	48.60 4.42 0.00	51.09 4.64 -0.02	54.36 4.65 -1.79	54.92 5.12 -0.10	57.56 5.52 -0.02	61.93 6.29 0.00	67.09 7.19 0.00	72.15 8.36 0.00	117.20 8.42 -46.85	139.20 9.61 -59.47	175.30 10.46 -87.90	120.51 10.69 -32.32	86.92 9.66 0.00	78.00 7.60 0.00	65.06 5.32 0.00	55.72 4.41 0.00	52.52 3.80 0.00

RAVENSWOOD_GT2_3 24246	48.77 3.90 0.00	43.02 3.52 0.00	39.77 3.18 0.00	36.23 2.78 0.00	36.22 2.74 0.00	41.73 3.30 0.00	45.45 3.94 0.00	48.60 4.42 0.00	51.14 4.69 -0.02	54.40 4.70 -1.78	54.92 5.12 -0.10	57.61 5.57 -0.02	61.99 6.34 0.00	67.15 7.25 0.00	72.22 8.42 0.00	117.26 8.48 -46.85	139.27 9.68 -59.47	175.38 10.54 -87.90	120.59 10.77 -32.32	87.00 9.74 0.00	78.07 7.67 0.00	65.12 5.38 0.00	55.77 4.46 0.00	52.57 3.85 0.00
RAVENSWOOD_GT2_4 24247	48.77 3.90 0.00	43.02 3.52 0.00	39.77 3.18 0.00	36.23 2.78 0.00	36.22 2.74 0.00	41.73 3.30 0.00	45.45 3.94 0.00	48.60 4.42 0.00	51.14 4.69 -0.02	54.40 4.70 -1.78	54.92 5.12 -0.10	57.61 5.57 -0.02	61.99 6.34 0.00	67.15 7.25 0.00	72.22 8.42 0.00	117.26 8.48 -46.85	139.27 9.68 -59.47	175.38 10.54 -87.90	120.59 10.77 -32.32	87.00 9.74 0.00	78.07 7.67 0.00	65.12 5.38 0.00	55.77 4.46 0.00	52.57 3.85 0.00
RAVENSWOOD_GT3_1 24248	48.72 3.86 0.00	43.02 3.52 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.27 0.00	45.41 3.90 0.00	48.60 4.42 0.00	51.09 4.64 -0.02	54.28 4.65 -1.71	54.87 5.07 -0.10	57.56 5.52 -0.02	61.93 6.29 0.00	67.09 7.19 0.00	72.15 8.36 0.00	117.20 8.42 -46.85	139.20 9.61 -59.47	175.30 10.46 -87.90	120.59 10.77 -32.32	86.92 9.66 0.00	78.00 7.60 0.00	65.06 5.32 0.00	55.72 4.41 0.00	52.52 3.80 0.00
RAVENSWOOD_GT3_2 24249	48.72 3.86 0.00	43.02 3.52 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.27 0.00	45.41 3.90 0.00	48.60 4.42 0.00	51.09 4.64 -0.02	54.28 4.65 -1.71	54.87 5.07 -0.10	57.56 5.52 -0.02	61.93 6.29 0.00	67.09 7.19 0.00	72.15 8.36 0.00	117.20 8.42 -46.85	139.20 9.61 -59.47	175.30 10.46 -87.90	120.59 10.77 -32.32	86.92 9.66 0.00	78.00 7.60 0.00	65.06 5.32 0.00	55.72 4.41 0.00	52.52 3.80 0.00
RAVENSWOOD_GT3_3 24250	48.81 3.95 0.00	43.06 3.56 0.00	39.81 3.22 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.77 3.34 0.00	45.49 3.98 0.00	48.65 4.46 0.00	51.19 4.74 -0.02	54.39 4.74 -1.72	55.02 5.22 -0.10	57.67 5.62 -0.02	62.04 6.40 0.00	67.21 7.31 0.00	72.28 8.48 0.00	117.32 8.55 -46.85	139.41 9.82 -59.47	175.46 10.62 -87.90	120.75 10.93 -32.32	87.16 9.89 0.00	78.21 7.81 0.00	65.24 5.50 0.00	55.82 4.51 0.00	52.62 3.90 0.00
RAVENSWOOD_GT3_4 24251	48.81 3.95 0.00	43.06 3.56 0.00	39.81 3.22 0.00	36.26 2.81 0.00	36.25 2.78 0.00	41.77 3.34 0.00	45.49 3.98 0.00	48.65 4.46 0.00	51.19 4.74 -0.02	54.39 4.74 -1.72	55.02 5.22 -0.10	57.67 5.62 -0.02	62.04 6.40 0.00	67.21 7.31 0.00	72.28 8.48 0.00	117.32 8.55 -46.85	139.41 9.82 -59.47	175.46 10.62 -87.90	120.75 10.93 -32.32	87.16 9.89 0.00	78.21 7.81 0.00	65.24 5.50 0.00	55.82 4.51 0.00	52.62 3.90 0.00
RAVENSWOOD_GT_1 23729	48.99 4.13 0.00	43.22 3.71 0.00	39.96 3.37 0.00	36.40 2.94 0.00	36.38 2.91 0.00	41.85 3.42 0.00	45.62 4.11 0.00	48.78 4.60 0.00	51.33 4.88 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.87 5.83 -0.02	62.21 6.57 0.00	67.39 7.49 0.00	72.28 8.48 0.00	117.26 8.48 -46.85	139.20 9.61 -59.47	175.30 10.46 -87.90	120.44 10.62 -32.32	86.85 9.58 0.00	77.86 7.46 0.00	64.94 5.20 0.00	56.02 4.72 0.00	52.82 4.09 0.00
RAVENSWOOD_GT_10 24258	48.77 3.90 0.00	43.02 3.52 0.00	39.74 3.15 0.00	36.23 2.78 0.00	36.22 2.74 0.00	41.69 3.27 0.00	45.45 3.94 0.00	48.60 4.42 0.00	51.09 4.64 -0.02	54.36 4.65 -1.79	54.92 5.12 -0.10	57.56 5.52 -0.02	61.93 6.29 0.00	67.09 7.19 0.00	72.15 8.36 0.00	117.20 8.42 -46.85	139.20 9.61 -59.47	175.30 10.46 -87.90	120.59 10.77 -32.32	86.92 9.66 0.00	78.00 7.60 0.00	65.06 5.32 0.00	55.72 4.41 0.00	52.52 3.80 0.00
RAVENSWOOD_GT_11 24259	48.77 3.90 0.00	43.02 3.52 0.00	39.74 3.15 0.00	36.23 2.78 0.00	36.22 2.74 0.00	41.69 3.27 0.00	45.45 3.94 0.00	48.60 4.42 0.00	51.09 4.64 -0.02	54.36 4.65 -1.79	54.92 5.12 -0.10	57.56 5.52 -0.02	61.93 6.29 0.00	67.09 7.19 0.00	72.15 8.36 0.00	117.20 8.42 -46.85	139.20 9.61 -59.47	175.30 10.46 -87.90	120.59 10.77 -32.32	86.92 9.66 0.00	78.00 7.60 0.00	65.06 5.32 0.00	55.72 4.41 0.00	52.52 3.80 0.00
RAVENSWOOD_GT_4 24252	48.72 3.86 0.00	43.02 3.52 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.27 0.00	45.45 3.94 0.00	48.60 4.42 0.00	51.09 4.64 -0.02	54.28 4.65 -1.70	54.92 5.12 -0.10	57.56 5.52 -0.02	61.93 6.29 0.00	67.09 7.19 0.00	72.15 8.36 0.00	117.20 8.42 -46.85	139.20 9.61 -59.47	175.30 10.46 -87.90	120.59 10.77 -32.32	86.92 9.66 0.00	78.00 7.60 0.00	65.06 5.32 0.00	55.72 4.41 0.00	52.52 3.80 0.00
RAVENSWOOD_GT_5 24254	48.72 3.86 0.00	43.02 3.52 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.27 0.00	45.45 3.94 0.00	48.60 4.42 0.00	51.09 4.64 -0.02	54.28 4.65 -1.70	54.92 5.12 -0.10	57.56 5.52 -0.02	61.93 6.29 0.00	67.09 7.19 0.00	72.15 8.36 0.00	117.20 8.42 -46.85	139.20 9.61 -59.47	175.30 10.46 -87.90	120.59 10.77 -32.32	86.92 9.66 0.00	78.00 7.60 0.00	65.06 5.32 0.00	55.72 4.41 0.00	52.52 3.80 0.00
RAVENSWOOD_GT_6 24253	48.72 3.86 0.00	43.02 3.52 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.27 0.00	45.45 3.94 0.00	48.60 4.42 0.00	51.09 4.64 -0.02	54.28 4.65 -1.70	54.92 5.12 -0.10	57.56 5.52 -0.02	61.93 6.29 0.00	67.09 7.19 0.00	72.15 8.36 0.00	117.20 8.42 -46.85	139.20 9.61 -59.47	175.30 10.46 -87.90	120.59 10.77 -32.32	86.92 9.66 0.00	78.00 7.60 0.00	65.06 5.32 0.00	55.72 4.41 0.00	52.52 3.80 0.00
RAVENSWOOD_GT_7 24255	48.72 3.86 0.00	43.02 3.52 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.27 0.00	45.45 3.94 0.00	48.60 4.42 0.00	51.09 4.64 -0.02	54.28 4.65 -1.70	54.92 5.12 -0.10	57.56 5.52 -0.02	61.93 6.29 0.00	67.09 7.19 0.00	72.15 8.36 0.00	117.20 8.42 -46.85	139.20 9.61 -59.47	175.30 10.46 -87.90	120.59 10.77 -32.32	86.92 9.66 0.00	78.00 7.60 0.00	65.06 5.32 0.00	55.72 4.41 0.00	52.52 3.80 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	48.77 3.90 0.00	43.02 3.52 0.00	39.74 3.15 0.00	36.23 2.78 0.00	36.22 2.74 0.00	41.69 3.27 0.00	45.45 3.94 0.00	48.60 4.42 0.00	51.09 4.64 -0.02	54.36 4.65 -1.79	54.92 5.12 -0.10	57.56 5.52 -0.02	61.93 6.29 0.00	67.09 7.19 0.00	72.15 8.36 0.00	117.20 8.42 -46.85	139.20 9.61 -59.47	175.30 10.46 -87.90	120.59 10.77 -32.32	86.92 9.66 0.00	78.00 7.60 0.00	65.06 5.32 0.00	55.72 4.41 0.00	52.52 3.80 0.00
RAVENSWOOD_GT_9 24257	48.77 3.90 0.00	43.02 3.52 0.00	39.74 3.15 0.00	36.23 2.78 0.00	36.22 2.74 0.00	41.69 3.27 0.00	45.45 3.94 0.00	48.60 4.42 0.00	51.09 4.64 -0.02	54.36 4.65 -1.79	54.92 5.12 -0.10	57.56 5.52 -0.02	61.93 6.29 0.00	67.09 7.19 0.00	72.15 8.36 0.00	117.20 8.42 -46.85	139.20 9.61 -59.47	175.30 10.46 -87.90	120.59 10.77 -32.32	86.92 9.66 0.00	78.00 7.60 0.00	65.06 5.32 0.00	55.72 4.41 0.00	52.52 3.80 0.00

RAVENSWOOD___1 23533	48.95 4.08 -0.01	43.22 3.71 -0.01	39.96 3.36 -0.01	36.41 2.94 -0.01	36.39 2.91 -0.01	41.84 3.42 0.00	45.62 4.11 0.00	48.78 4.59 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.82 5.77 -0.02	62.21 6.56 -0.01	67.21 7.31 0.00	72.28 8.49 0.00	117.26 8.48 -46.85	139.20 9.61 -59.47	175.00 10.16 -87.90	120.44 10.62 -32.32	87.16 9.89 0.00	77.85 7.46 0.00	65.06 5.32 0.00	56.09 4.77 -0.01	52.83 4.09 -0.01
RAVENSWOOD___2 23534	48.95 4.08 -0.01	43.22 3.71 -0.01	39.96 3.36 -0.01	36.41 2.94 -0.01	36.39 2.91 -0.01	41.84 3.42 0.00	45.62 4.11 0.00	48.78 4.59 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.82 5.77 -0.02	62.21 6.56 -0.01	67.21 7.31 0.00	72.28 8.49 0.00	117.26 8.48 -46.85	139.20 9.61 -59.47	175.00 10.16 -87.90	120.44 10.62 -32.32	87.16 9.89 0.00	77.85 7.46 0.00	65.06 5.32 0.00	56.09 4.77 -0.01	52.83 4.09 -0.01
RAVENSWOOD___3 23535	48.72 3.86 0.00	43.02 3.51 0.00	39.74 3.15 0.00	36.20 2.74 0.00	36.18 2.71 0.00	41.69 3.26 0.00	45.46 3.95 0.00	48.60 4.42 0.00	51.05 4.60 -0.02	54.27 4.60 -1.75	54.92 5.12 -0.10	57.51 5.46 -0.02	61.93 6.29 0.00	66.91 7.01 0.00	72.15 8.35 0.00	117.19 8.42 -46.85	139.20 9.61 -59.47	175.07 10.23 -87.90	120.59 10.77 -32.32	87.24 9.97 0.00	78.07 7.67 0.00	65.18 5.44 0.00	55.77 4.46 0.00	52.53 3.80 0.00
RAVENSWOOD___4 23820	48.95 4.08 -0.01	43.22 3.71 -0.01	39.96 3.36 -0.01	36.41 2.94 -0.01	36.39 2.91 -0.01	41.84 3.42 0.00	45.62 4.11 0.00	48.78 4.59 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.82 5.77 -0.02	62.21 6.56 -0.01	67.21 7.31 0.00	72.28 8.49 0.00	117.26 8.48 -46.85	139.20 9.61 -59.47	175.00 10.16 -87.90	120.44 10.62 -32.32	87.16 9.89 0.00	77.85 7.46 0.00	65.06 5.32 0.00	56.09 4.77 -0.01	52.83 4.09 -0.01
RCPL_TRUST___DRP 24196	48.77 3.90 0.00	43.02 3.52 0.00	39.77 3.18 0.00	36.23 2.78 0.00	36.22 2.74 0.00	41.73 3.30 0.00	45.49 3.98 0.00	48.69 4.51 0.00	51.18 4.74 -0.01	53.84 4.84 -1.08	55.03 5.27 -0.06	57.71 5.67 -0.01	62.10 6.45 0.00	67.27 7.37 0.00	72.34 8.55 0.00	117.38 8.61 -46.84	139.41 9.82 -59.47	175.53 10.69 -87.90	120.75 10.93 -32.32	87.16 9.89 0.00	78.14 7.74 0.00	65.18 5.44 0.00	55.77 4.46 0.00	52.57 3.85 0.00
RED___ROCHESTER 323720	45.63 0.76 0.00	39.86 0.35 0.00	36.44 -0.15 0.00	33.39 -0.07 0.00	33.34 -0.13 0.00	38.20 -0.23 0.00	41.05 -0.46 0.00	43.78 -0.40 0.00	46.43 0.00 0.00	48.59 0.67 0.00	50.25 0.55 0.00	52.86 0.83 0.00	56.31 0.67 0.00	60.80 0.90 0.00	65.00 1.21 0.00	63.09 0.31 -0.85	71.32 1.19 0.00	78.17 1.23 0.00	79.59 2.09 0.00	78.81 1.54 0.00	71.80 1.41 0.00	60.88 1.13 0.00	52.53 1.23 0.00	50.33 1.61 0.00
REGAN___SOLAR 323812	48.50 3.63 0.00	42.66 3.16 0.00	39.45 2.86 0.00	35.96 2.51 0.00	35.98 2.51 0.00	41.65 3.23 0.00	44.87 3.36 0.00	47.63 3.45 0.00	49.87 3.44 0.00	51.18 3.26 0.00	52.89 3.18 0.00	55.31 3.28 0.00	58.93 3.28 0.00	63.50 3.59 0.00	67.94 4.14 0.00	65.08 4.02 0.87	75.14 4.77 -0.25	84.17 6.16 -1.08	85.57 7.05 -1.02	84.76 7.49 0.00	77.56 6.55 -0.62	65.06 5.32 0.00	55.82 4.52 0.00	52.43 3.70 0.00
RENSSELAER___COGEN 23796	45.18 0.32 0.00	39.90 0.39 0.00	37.17 0.58 0.00	33.99 0.53 0.00	33.97 0.50 0.00	39.00 0.58 0.00	42.05 0.54 0.00	44.85 0.66 0.00	46.80 0.37 0.00	48.16 0.24 0.00	50.15 0.45 0.00	52.44 0.41 0.00	56.14 0.50 0.00	60.56 0.66 0.00	64.94 1.15 0.00	61.83 1.24 1.34	71.73 1.33 -0.28	79.61 1.46 -1.21	80.43 1.78 -1.15	78.89 1.63 0.00	69.07 0.99 2.31	60.17 0.42 0.00	51.56 0.26 0.00	48.87 0.15 0.00
REPUBLIC_115KV_BARTNBRK 55605	48.59 3.72 0.00	42.82 3.32 0.00	39.44 2.85 0.00	35.73 2.27 0.00	35.68 2.21 0.00	41.58 3.15 0.00	44.58 3.07 0.00	47.41 3.23 0.00	49.87 3.44 0.00	51.04 3.12 0.00	52.29 2.58 0.00	54.84 2.81 0.00	58.09 2.45 0.00	62.72 2.82 0.00	66.92 3.13 0.00	63.20 2.42 1.14	73.36 2.88 -0.36	83.74 5.23 -1.57	85.88 6.90 -1.49	84.76 7.49 0.00	79.86 6.83 -2.64	65.48 5.74 0.00	56.13 4.82 0.00	52.18 3.46 0.00
REVERE_CPPR_DRP 24186	46.93 2.06 0.00	41.16 1.66 0.00	37.94 1.35 0.00	34.62 1.17 0.00	34.71 1.24 0.00	40.08 1.65 0.00	43.17 1.66 0.00	46.08 1.90 0.00	48.62 2.18 0.00	50.18 2.25 0.00	51.89 2.19 0.00	54.37 2.34 0.00	57.87 2.23 0.00	62.18 2.28 0.00	66.22 2.42 0.00	64.35 2.04 -0.37	72.51 2.38 0.00	79.78 2.85 0.00	81.14 3.64 0.00	81.05 3.79 0.00	73.91 3.52 0.00	62.79 3.05 0.00	53.92 2.62 0.00	51.06 2.34 0.00
REYNLDPA_13_KV_LD 356490	44.82 -0.04 0.00	39.54 0.04 0.00	36.63 0.04 0.00	33.45 0.00 0.00	33.51 0.03 0.00	38.35 -0.08 0.00	41.51 0.00 0.00	44.14 -0.04 0.00	46.29 -0.14 0.00	47.78 -0.14 0.00	49.36 -0.35 0.00	51.56 -0.47 0.00	54.98 -0.67 0.00	59.07 -0.84 0.00	62.39 -1.40 0.00	60.57 -1.36 0.00	68.44 -1.68 0.00	75.09 -1.85 0.00	75.17 -2.32 0.00	75.57 -1.70 0.00	69.34 -1.06 0.00	59.27 -0.48 0.00	51.05 -0.26 0.00	48.63 -0.10 0.00
REYNOLDS_115KV_TB3 80639	45.63 0.76 0.00	40.25 0.75 0.00	37.47 0.88 0.00	34.26 0.80 0.00	34.28 0.80 0.00	39.31 0.88 0.00	42.42 0.91 0.00	45.20 1.02 0.00	47.32 0.88 0.00	48.69 0.77 0.00	50.65 0.94 0.00	53.07 1.04 0.00	56.81 1.17 0.00	61.34 1.44 0.00	65.65 1.85 0.00	62.67 1.98 1.24	72.67 2.17 -0.37	81.09 2.54 -1.61	81.74 2.71 -1.53	79.66 2.40 0.00	69.16 1.76 3.00	60.82 1.08 0.00	52.13 0.82 0.00	49.31 0.58 0.00
RIVERBAY____ 323610	49.75 4.89 0.00	43.81 4.31 0.00	40.47 3.88 0.00	36.87 3.41 0.00	36.85 3.38 0.00	42.31 3.88 0.00	46.16 4.65 0.00	49.26 5.08 0.00	51.74 5.29 -0.02	54.58 5.22 -1.43	55.71 5.91 -0.09	58.34 6.30 -0.02	62.77 7.12 0.00	68.23 8.33 0.00	73.36 9.57 0.00	118.31 9.54 -46.85	140.39 10.80 -59.47	176.62 11.77 -87.91	121.76 11.93 -32.33	88.24 10.97 -0.01	79.12 8.73 0.00	65.90 6.15 0.00	56.85 5.54 0.00	53.65 4.92 0.00
RIVERSDE_115KV_TB3 55908	45.49 0.63 0.00	40.14 0.63 0.00	37.40 0.80 0.00	34.19 0.74 0.00	34.17 0.70 0.00	39.23 0.81 0.00	42.30 0.79 0.00	45.11 0.93 0.00	47.18 0.74 0.00	48.59 0.67 0.00	50.55 0.84 0.00	52.91 0.88 0.00	56.65 1.00 0.00	61.16 1.26 0.00	65.45 1.66 0.00	62.37 1.73 1.29	72.34 1.89 -0.32	80.65 2.31 -1.41	81.31 2.48 -1.33	79.43 2.16 0.00	69.44 1.55 2.50	60.64 0.90 0.00	51.97 0.67 0.00	49.21 0.49 0.00
ROARING___BROOK_WT_PWR 323790	44.33 -0.54 0.00	38.99 -0.51 0.00	36.08 -0.51 0.00	32.98 -0.47 0.00	33.00 -0.47 0.00	37.89 -0.54 0.00	40.97 -0.54 0.00	43.61 -0.58 0.00	45.83 -0.60 0.00	47.25 -0.67 0.00	48.96 -0.74 0.00	51.25 -0.78 0.00	54.75 -0.89 0.00	58.89 -1.02 0.00	62.65 -1.15 0.00	60.88 -1.05 0.00	68.87 -1.26 0.00	75.70 -1.23 0.00	76.26 -1.24 0.00	76.18 -1.08 0.00	69.41 -0.99 0.00	58.91 -0.84 0.00	50.54 -0.77 0.00	47.99 -0.73 0.00

ROCHESRG_115KV_T4 355643	44.95 0.09 0.00	39.38 -0.12 0.00	36.04 -0.55 0.00	33.02 -0.43 0.00	32.97 -0.50 0.00	37.77 -0.65 0.00	40.60 -0.91 0.00	43.17 -1.02 0.00	45.64 -0.79 0.00	47.68 -0.24 0.00	49.46 -0.25 0.00	51.93 -0.10 0.00	55.37 -0.28 0.00	59.31 -0.60 0.00	63.86 0.06 0.00	62.03 -0.74 -0.84	70.13 0.00 0.00	76.78 -0.15 0.00	78.20 0.70 0.00	77.42 0.15 0.00	70.54 0.14 0.00	59.93 0.18 0.00	51.72 0.41 0.00	49.60 0.88 0.00
ROCHESTER_9_IC 23652	45.27 0.40 0.00	39.62 0.12 0.00	36.26 -0.33 0.00	33.22 -0.23 0.00	33.17 -0.30 0.00	38.00 -0.42 0.00	40.85 -0.66 0.00	43.48 -0.71 0.00	46.02 -0.42 0.00	48.12 0.19 0.00	49.90 0.20 0.00	52.39 0.36 0.00	55.87 0.22 0.00	59.84 -0.06 0.00	64.50 0.70 0.00	62.59 -0.19 -0.85	70.69 0.56 0.00	77.48 0.54 0.00	78.89 1.39 0.00	78.12 0.85 0.00	71.24 0.84 0.00	60.46 0.72 0.00	52.13 0.82 0.00	49.99 1.27 0.00
ROCKVIEW_13_KV_LD 356306	48.77 3.90 0.00	43.02 3.52 0.00	39.74 3.15 0.00	36.23 2.78 0.00	36.22 2.74 0.00	41.73 3.30 0.00	45.41 3.90 0.00	48.56 4.37 0.00	51.08 4.64 0.00	52.52 4.60 0.00	54.82 5.12 0.00	57.55 5.52 0.00	61.99 6.34 0.00	67.21 7.31 0.00	72.41 8.61 0.00	117.63 8.86 -46.85	139.69 10.10 -59.47	175.85 11.00 -87.91	121.23 11.39 -32.34	87.39 10.12 0.00	78.42 8.03 0.00	65.36 5.62 0.00	55.82 4.51 0.00	52.62 3.90 0.00
ROME____115KV_TB2 80656	46.93 2.06 0.00	41.16 1.66 0.00	37.94 1.35 0.00	34.62 1.17 0.00	34.71 1.24 0.00	40.08 1.65 0.00	43.17 1.66 0.00	46.08 1.90 0.00	48.62 2.18 0.00	50.18 2.25 0.00	51.89 2.19 0.00	54.37 2.34 0.00	57.87 2.23 0.00	62.18 2.28 0.00	66.22 2.42 0.00	64.35 2.04 -0.37	72.51 2.38 0.00	79.78 2.85 0.00	81.14 3.64 0.00	81.05 3.79 0.00	73.91 3.52 0.00	62.79 3.05 0.00	53.92 2.62 0.00	51.06 2.34 0.00
ROSETON___1 23587	47.65 2.78 0.00	42.07 2.57 0.00	38.93 2.34 0.00	35.53 2.07 0.00	35.51 2.04 0.00	40.89 2.46 0.00	44.41 2.90 0.00	47.41 3.22 0.00	49.68 3.25 0.00	51.13 3.21 0.00	53.28 3.58 0.00	55.88 3.85 0.00	60.15 4.51 0.00	64.94 5.03 0.00	69.98 6.19 0.00	74.77 6.32 -6.52	80.92 7.22 -3.57	100.19 7.62 -15.63	100.42 8.14 -14.78	84.92 7.65 0.00	76.17 5.77 0.00	63.81 4.06 0.00	54.59 3.29 0.00	51.50 2.78 0.00
ROSETON___2 23588	47.65 2.78 0.00	42.07 2.57 0.00	38.93 2.34 0.00	35.53 2.07 0.00	35.51 2.04 0.00	40.89 2.46 0.00	44.41 2.90 0.00	47.41 3.22 0.00	49.68 3.25 0.00	51.13 3.21 0.00	53.28 3.58 0.00	55.88 3.85 0.00	60.15 4.51 0.00	64.94 5.03 0.00	69.98 6.19 0.00	74.77 6.32 -6.52	80.92 7.22 -3.57	100.19 7.62 -15.63	100.42 8.14 -14.78	84.92 7.65 0.00	76.17 5.77 0.00	63.81 4.06 0.00	54.59 3.29 0.00	51.50 2.78 0.00
ROTTRDAM_115KV_TB3 80664	46.39 1.53 0.00	40.85 1.34 0.00	37.87 1.28 0.00	34.62 1.17 0.00	34.61 1.14 0.00	39.81 1.38 0.00	43.00 1.49 0.00	45.73 1.55 0.00	48.01 1.58 0.00	49.41 1.49 0.00	51.24 1.54 0.00	53.69 1.66 0.00	57.48 1.84 0.00	62.06 2.16 0.00	66.35 2.55 0.00	63.19 2.60 1.33	73.30 2.95 -0.23	81.39 3.46 -0.99	82.31 3.87 -0.94	80.90 3.63 0.00	74.11 3.03 -0.68	61.96 2.21 0.00	53.10 1.80 0.00	50.19 1.46 0.00
RUSSELL___1 23602	45.54 0.67 0.00	39.86 0.36 0.00	36.44 -0.15 0.00	33.39 -0.07 0.00	33.34 -0.13 0.00	38.20 -0.23 0.00	41.05 -0.46 0.00	43.79 -0.40 0.00	46.34 -0.09 0.00	48.45 0.53 0.00	50.25 0.55 0.00	52.76 0.73 0.00	56.31 0.67 0.00	60.32 0.42 0.00	65.01 1.21 0.00	63.03 0.25 -0.85	71.32 1.19 0.00	78.17 1.23 0.00	79.59 2.09 0.00	78.81 1.55 0.00	71.80 1.41 0.00	60.94 1.19 0.00	52.54 1.23 0.00	50.33 1.61 0.00
RUSSELL___2 23532	45.54 0.67 0.00	39.86 0.36 0.00	36.44 -0.15 0.00	33.39 -0.07 0.00	33.34 -0.13 0.00	38.20 -0.23 0.00	41.05 -0.46 0.00	43.79 -0.40 0.00	46.34 -0.09 0.00	48.45 0.53 0.00	50.25 0.55 0.00	52.76 0.73 0.00	56.31 0.67 0.00	60.32 0.42 0.00	65.01 1.21 0.00	63.03 0.25 -0.85	71.32 1.19 0.00	78.17 1.23 0.00	79.59 2.09 0.00	78.81 1.55 0.00	71.80 1.41 0.00	60.94 1.19 0.00	52.54 1.23 0.00	50.33 1.61 0.00
RUSSELL___3 23549	45.54 0.67 0.00	39.86 0.36 0.00	36.44 -0.15 0.00	33.39 -0.07 0.00	33.34 -0.13 0.00	38.20 -0.23 0.00	41.05 -0.46 0.00	43.79 -0.40 0.00	46.34 -0.09 0.00	48.45 0.53 0.00	50.25 0.55 0.00	52.76 0.73 0.00	56.31 0.67 0.00	60.32 0.42 0.00	65.01 1.21 0.00	63.03 0.25 -0.85	71.32 1.19 0.00	78.17 1.23 0.00	79.59 2.09 0.00	78.81 1.55 0.00	71.80 1.41 0.00	60.94 1.19 0.00	52.54 1.23 0.00	50.33 1.61 0.00
RUSSELL___4 23556	45.54 0.67 0.00	39.86 0.36 0.00	36.44 -0.15 0.00	33.39 -0.07 0.00	33.34 -0.13 0.00	38.20 -0.23 0.00	41.05 -0.46 0.00	43.79 -0.40 0.00	46.34 -0.09 0.00	48.45 0.53 0.00	50.25 0.55 0.00	52.76 0.73 0.00	56.31 0.67 0.00	60.32 0.42 0.00	65.01 1.21 0.00	63.03 0.25 -0.85	71.32 1.19 0.00	78.17 1.23 0.00	79.59 2.09 0.00	78.81 1.55 0.00	71.80 1.41 0.00	60.94 1.19 0.00	52.54 1.23 0.00	50.33 1.61 0.00
RUSSELL___STATION 23914	45.54 0.67 0.00	39.86 0.36 0.00	36.44 -0.15 0.00	33.39 -0.07 0.00	33.34 -0.13 0.00	38.20 -0.23 0.00	41.05 -0.46 0.00	43.79 -0.40 0.00	46.34 -0.09 0.00	48.45 0.53 0.00	50.25 0.55 0.00	52.76 0.73 0.00	56.31 0.67 0.00	60.32 0.42 0.00	65.01 1.21 0.00	63.03 0.25 -0.85	71.32 1.19 0.00	78.17 1.23 0.00	79.59 2.09 0.00	78.81 1.55 0.00	71.80 1.41 0.00	60.94 1.19 0.00	52.54 1.23 0.00	50.33 1.61 0.00
S SALMON___HYD 24043	45.18 0.32 0.00	39.66 0.16 0.00	36.59 0.00 0.00	33.42 -0.03 0.00	33.47 0.00 0.00	38.54 0.12 0.00	41.59 0.08 0.00	44.32 0.13 0.00	46.57 0.14 0.00	48.12 0.19 0.00	49.75 0.05 0.00	51.98 -0.05 0.00	55.42 -0.22 0.00	59.61 -0.30 0.00	63.54 -0.25 0.00	61.85 -0.62 -0.54	69.64 -0.49 0.00	76.56 -0.38 0.00	77.81 0.31 0.00	77.73 0.47 0.00	70.82 0.42 0.00	60.05 0.30 0.00	51.71 0.41 0.00	49.26 0.54 0.00
S.PERRY__115KV_TB1 80734	45.18 0.31 0.00	40.73 1.22 0.00	37.25 0.66 0.00	34.12 0.67 0.00	34.07 0.60 0.00	39.12 0.69 0.00	42.05 0.54 0.00	44.58 0.40 0.00	45.32 -1.11 0.00	46.92 -1.01 0.00	48.36 -1.34 0.00	50.73 -1.30 0.00	54.03 -1.61 0.00	57.81 -2.10 0.00	62.39 -1.40 0.00	61.01 -2.17 -1.25	68.95 -1.33 -0.16	76.47 -1.15 -0.69	78.77 0.62 -0.65	78.12 0.85 0.00	71.73 1.34 0.00	60.88 1.14 0.00	52.43 1.13 0.00	50.23 1.51 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	44.33 -0.54 0.00	38.75 -0.75 0.00	35.31 -1.28 0.00	32.42 -1.04 0.00	32.27 -1.20 0.00	36.93 -1.50 0.00	39.52 -1.99 0.00	41.53 -2.65 0.00	44.16 -2.28 0.00	46.39 -1.53 0.00	48.06 -1.64 0.00	50.47 -1.56 0.00	53.75 -1.89 0.00	57.33 -2.58 0.00	62.14 -1.66 0.00	60.26 -2.79 -1.12	68.37 -1.75 0.00	74.71 -2.23 0.00	76.41 -1.08 0.00	75.49 -1.78 0.00	68.71 -1.69 0.00	58.49 -1.25 0.00	50.89 -0.41 0.00	49.41 0.68 0.00

SAWYER___23_KV_LOAD 55526	44.33 -0.54 0.00	38.75 -0.75 0.00	35.31 -1.28 0.00	32.42 -1.04 0.00	32.27 -1.20 0.00	36.93 -1.50 0.00	39.52 -1.99 0.00	41.53 -2.65 0.00	44.16 -2.28 0.00	46.39 -1.53 0.00	48.06 -1.64 0.00	50.47 -1.56 0.00	53.75 -1.89 0.00	57.33 -2.58 0.00	62.14 -1.66 0.00	60.26 -2.79 -1.12	68.37 -1.75 0.00	74.71 -2.23 0.00	76.41 -1.08 0.00	75.49 -1.78 0.00	68.71 -1.69 0.00	58.49 -1.25 0.00	50.89 -0.41 0.00	49.41 0.68 0.00
SELKIRK___I 23801	45.58 0.72 0.00	40.25 0.75 0.00	37.47 0.88 0.00	34.25 0.80 0.00	34.24 0.77 0.00	39.31 0.88 0.00	42.34 0.83 0.00	45.02 0.84 0.00	47.04 0.60 0.00	48.40 0.48 0.00	50.30 0.60 0.00	51.05 -0.36 0.62	53.66 -0.33 1.66	56.79 -0.24 2.88	59.85 0.13 4.07	57.87 0.25 4.30	64.73 0.21 5.61	70.62 0.31 6.62	71.25 0.70 6.95	77.81 0.54 0.00	69.17 0.14 1.37	59.55 -0.18 0.02	51.10 -0.20 0.00	49.31 0.59 0.00
SELKIRK___II 23799	45.14 0.27 0.00	39.90 0.39 0.00	37.10 0.51 0.00	33.96 0.50 0.00	33.94 0.47 0.00	38.96 0.54 0.00	42.05 0.54 0.00	44.72 0.53 0.00	46.80 0.37 0.00	48.16 0.24 0.00	50.15 0.45 0.00	50.15 0.37 2.25	50.15 0.50 5.99	50.15 0.66 10.41	50.15 1.08 14.73	50.15 1.24 13.02	50.15 1.26 21.24	50.15 1.31 28.09	50.15 1.70 29.05	78.73 1.46 0.00	69.71 0.85 1.53	59.98 0.30 0.06	51.51 0.21 0.00	48.92 0.20 0.00
SENECA OSWGO___HYD 24041	44.24 -0.63 0.00	38.91 -0.59 0.00	35.97 -0.62 0.00	32.85 -0.60 0.00	32.87 -0.60 0.00	37.77 -0.65 0.00	40.80 -0.71 0.00	43.47 -0.71 0.00	45.83 -0.60 0.00	47.40 -0.53 0.00	49.16 -0.55 0.00	51.41 -0.62 0.00	54.98 -0.67 0.00	59.19 -0.72 0.00	63.22 -0.58 0.00	61.66 -0.87 -0.60	69.36 -0.77 0.00	76.09 -0.84 0.00	77.04 -0.46 0.00	76.73 -0.54 0.00	69.76 -0.63 0.00	58.97 -0.78 0.00	50.69 -0.61 0.00	48.19 -0.53 0.00
SENECA___115KV_TB3 355854	44.55 -0.31 0.00	38.95 -0.55 0.00	35.49 -1.10 0.00	32.58 -0.87 0.00	32.40 -1.07 0.00	37.12 -1.31 0.00	39.77 -1.74 0.00	41.89 -2.30 0.00	44.53 -1.90 0.00	46.77 -1.15 0.00	48.41 -1.29 0.00	50.83 -1.20 0.00	54.20 -1.45 0.00	57.93 -1.98 0.00	62.71 -1.08 0.00	60.81 -2.29 -1.18	69.07 -1.05 0.00	75.48 -1.46 0.00	77.19 -0.31 0.00	76.34 -0.93 0.00	69.41 -0.99 0.00	59.15 -0.60 0.00	51.36 0.05 0.00	49.80 1.07 0.00
SENECA___ENERGY 23797	45.22 0.36 0.00	39.62 0.12 0.00	36.52 -0.07 0.00	33.35 -0.10 0.00	33.41 -0.07 0.00	38.43 0.00 0.00	41.47 -0.04 0.00	44.18 0.00 0.00	46.67 0.23 0.00	48.45 0.53 0.00	50.20 0.50 0.00	52.55 0.52 0.00	56.09 0.44 0.00	60.50 0.60 0.00	64.69 0.89 0.00	63.26 0.37 -0.96	70.97 0.84 0.00	77.94 1.00 0.00	79.20 1.70 0.00	78.81 1.54 0.00	71.66 1.27 0.00	60.52 0.77 0.00	52.08 0.77 0.00	49.55 0.83 0.00
SHOEMAKER___GT 23640	47.51 2.65 0.00	41.91 2.41 0.00	38.75 2.16 0.00	35.36 1.91 0.00	35.38 1.91 0.00	40.73 2.31 0.00	44.21 2.70 0.00	47.19 3.01 0.00	49.50 3.06 0.00	50.94 3.02 0.00	53.03 3.33 0.00	55.67 3.64 0.00	59.87 4.23 0.00	64.70 4.79 0.00	69.60 5.80 0.00	73.86 5.82 -6.11	80.26 6.67 -3.46	99.20 7.07 -15.19	99.46 7.60 -14.36	84.68 7.42 0.00	76.09 5.70 0.00	63.81 4.06 0.00	54.59 3.29 0.00	51.50 2.78 0.00
SHOEMAKR_138KV_BK 111 55601	47.51 2.65 0.00	41.91 2.41 0.00	38.75 2.16 0.00	35.39 1.94 0.00	35.38 1.91 0.00	40.73 2.31 0.00	44.21 2.70 0.00	47.19 3.00 0.00	49.54 3.11 0.00	50.99 3.07 0.00	53.08 3.38 0.00	55.78 3.75 0.00	59.93 4.28 0.00	64.88 4.97 0.00	69.66 5.87 0.00	73.91 5.88 -6.10	80.28 6.73 -3.42	99.34 7.39 -15.01	99.37 7.67 -14.20	84.45 7.19 0.00	76.10 5.70 0.00	63.69 3.94 0.00	54.54 3.23 0.00	51.50 2.78 0.00
SHOREHAM_IC_1 23715	49.49 4.62 -0.01	43.85 4.19 -0.17	40.19 3.59 -0.01	36.50 3.04 -0.01	36.63 3.15 -0.01	42.16 3.73 -0.01	45.92 4.40 -0.01	48.87 4.68 -0.01	50.56 4.13 0.00	52.34 4.36 -0.05	53.20 3.88 0.38	55.87 4.42 0.58	60.53 5.62 0.73	67.90 6.95 -1.05	76.46 8.61 -4.06	117.33 8.55 -46.86	139.64 10.03 -59.48	175.79 10.92 -87.93	142.57 11.55 -53.52	89.47 10.74 -1.47	78.00 7.61 0.00	65.36 4.90 -0.72	56.77 4.36 -1.11	51.44 3.70 0.99
SHOREHAM_IC_2 23716	49.53 4.67 0.00	43.86 4.19 -0.17	40.18 3.59 0.00	36.53 3.08 0.00	36.62 3.15 0.00	42.15 3.73 0.00	45.91 4.40 0.00	48.91 4.73 0.00	50.80 4.36 0.00	52.62 4.65 -0.05	53.20 3.88 0.38	55.92 4.47 0.58	60.54 5.62 0.73	68.08 7.13 -1.05	76.47 8.61 -4.06	117.33 8.55 -46.86	139.64 10.03 -59.48	176.01 11.16 -87.92	142.56 11.55 -53.51	89.32 10.59 -1.47	78.00 7.60 0.00	65.30 4.84 -0.72	56.77 4.36 -1.11	51.24 3.51 0.99
SISSONVILLE____ 23735	45.13 0.27 0.00	39.78 0.28 0.00	36.81 0.22 0.00	33.59 0.13 0.00	33.67 0.20 0.00	38.62 0.19 0.00	41.80 0.29 0.00	44.40 0.22 0.00	46.57 0.14 0.00	48.02 0.10 0.00	49.50 -0.20 0.00	51.51 -0.52 0.00	54.87 -0.78 0.00	58.89 -1.02 0.00	62.14 -1.66 0.00	59.95 -1.98 0.00	67.25 -2.88 0.00	73.40 -3.54 0.00	73.55 -3.95 0.00	74.17 -3.09 0.00	68.21 -2.18 0.00	58.91 -0.84 0.00	51.20 -0.10 0.00	49.02 0.29 0.00
SITHE_IND_GS1 24169	43.79 -1.08 0.00	38.48 -1.03 0.00	35.60 -0.99 0.00	32.55 -0.90 0.00	32.57 -0.90 0.00	37.39 -1.04 0.00	40.35 -1.16 0.00	42.95 -1.24 0.00	45.23 -1.21 0.00	46.82 -1.10 0.00	48.51 -1.19 0.00	50.84 -1.19 0.00	54.37 -1.28 0.00	58.53 -1.38 0.00	62.45 -1.34 0.00	60.92 -1.49 -0.48	68.65 -1.48 0.00	75.25 -1.69 0.00	76.11 -1.39 0.00	75.79 -1.47 0.00	68.91 -1.48 0.00	58.37 -1.37 0.00	50.18 -1.13 0.00	47.70 -1.03 0.00
SITHE_IND_GS2 24170	43.79 -1.08 0.00	38.48 -1.03 0.00	35.60 -0.99 0.00	32.55 -0.90 0.00	32.57 -0.90 0.00	37.39 -1.04 0.00	40.35 -1.16 0.00	42.95 -1.24 0.00	45.23 -1.21 0.00	46.82 -1.10 0.00	48.51 -1.19 0.00	50.84 -1.19 0.00	54.37 -1.28 0.00	58.53 -1.38 0.00	62.45 -1.34 0.00	60.92 -1.49 -0.48	68.65 -1.48 0.00	75.25 -1.69 0.00	76.11 -1.39 0.00	75.79 -1.47 0.00	68.91 -1.48 0.00	58.37 -1.37 0.00	50.18 -1.13 0.00	47.70 -1.03 0.00
SITHE_IND_GS3 24171	43.79 -1.08 0.00	38.48 -1.03 0.00	35.60 -0.99 0.00	32.55 -0.90 0.00	32.57 -0.90 0.00	37.39 -1.04 0.00	40.35 -1.16 0.00	42.95 -1.24 0.00	45.23 -1.21 0.00	46.82 -1.10 0.00	48.51 -1.19 0.00	50.84 -1.19 0.00	54.37 -1.28 0.00	58.53 -1.38 0.00	62.45 -1.34 0.00	60.92 -1.49 -0.48	68.65 -1.48 0.00	75.25 -1.69 0.00	76.11 -1.39 0.00	75.79 -1.47 0.00	68.91 -1.48 0.00	58.37 -1.37 0.00	50.18 -1.13 0.00	47.70 -1.03 0.00
SITHE_IND_GS4 24172	43.79 -1.08 0.00	38.48 -1.03 0.00	35.60 -0.99 0.00	32.55 -0.90 0.00	32.57 -0.90 0.00	37.39 -1.04 0.00	40.35 -1.16 0.00	42.95 -1.24 0.00	45.23 -1.21 0.00	46.82 -1.10 0.00	48.51 -1.19 0.00	50.84 -1.19 0.00	54.37 -1.28 0.00	58.53 -1.38 0.00	62.45 -1.34 0.00	60.92 -1.49 -0.48	68.65 -1.48 0.00	75.25 -1.69 0.00	76.11 -1.39 0.00	75.79 -1.47 0.00	68.91 -1.48 0.00	58.37 -1.37 0.00	50.18 -1.13 0.00	47.70 -1.03 0.00

SITHE____BATAVIA 24024	45.94 1.07 0.00	40.10 0.59 0.00	36.34 -0.25 0.00	33.45 0.00 0.00	33.41 -0.07 0.00	38.04 -0.38 0.00	40.76 -0.75 0.00	43.34 -0.84 0.00	46.06 -0.37 0.00	48.31 0.38 0.00	49.75 0.05 0.00	52.34 0.31 0.00	55.64 0.00 0.00	60.21 0.30 0.00	64.37 0.57 0.00	62.17 -0.74 -0.99	70.90 0.77 0.00	77.48 0.54 0.00	79.36 1.86 0.00	78.50 1.23 0.00	71.59 1.20 0.00	61.00 1.26 0.00	53.00 1.69 0.00	51.11 2.39 0.00
SITHE____INDEPEND 23800	43.79 -1.08 0.00	38.48 -1.03 0.00	35.60 -0.99 0.00	32.55 -0.90 0.00	32.57 -0.90 0.00	37.39 -1.04 0.00	40.35 -1.16 0.00	42.95 -1.24 0.00	45.23 -1.21 0.00	46.77 -1.15 0.00	48.51 -1.19 0.00	50.83 -1.20 0.00	54.36 -1.28 0.00	58.47 -1.44 0.00	62.46 -1.34 0.00	60.92 -1.49 -0.48	68.58 -1.54 0.00	75.32 -1.62 0.00	76.10 -1.39 0.00	75.72 -1.55 0.00	68.99 -1.41 0.00	58.43 -1.31 0.00	50.18 -1.13 0.00	47.70 -1.02 0.00
SITHE____MASSENA 23902	44.95 0.09 0.00	39.62 0.12 0.00	36.70 0.11 0.00	33.52 0.07 0.00	33.57 0.10 0.00	38.43 0.00 0.00	41.59 0.08 0.00	44.23 0.04 0.00	46.39 -0.05 0.00	47.78 -0.14 0.00	49.41 -0.30 0.00	51.51 -0.52 0.00	54.92 -0.72 0.00	59.01 -0.90 0.00	62.33 -1.46 0.00	60.44 -1.49 0.00	68.24 -1.89 0.00	75.02 -1.92 0.00	74.94 -2.56 0.00	75.18 -2.08 0.00	69.13 -1.27 0.00	59.21 -0.54 0.00	51.00 -0.31 0.00	48.77 0.05 0.00
SITHE____OGDNSBRG 24021	45.76 0.90 0.00	40.29 0.79 0.00	37.29 0.70 0.00	34.06 0.60 0.00	34.14 0.67 0.00	39.16 0.73 0.00	42.30 0.79 0.00	44.93 0.75 0.00	46.99 0.56 0.00	48.35 0.43 0.00	49.80 0.10 0.00	51.82 -0.21 0.00	55.14 -0.50 0.00	59.19 -0.72 0.00	62.46 -1.34 0.00	60.44 -1.49 0.00	68.16 -1.96 0.00	74.78 -2.15 0.00	75.10 -2.40 0.00	75.95 -1.31 0.00	69.97 -0.42 0.00	60.16 0.42 0.00	52.13 0.82 0.00	49.75 1.02 0.00
SITHE____STERLING 23777	46.43 1.57 0.00	40.77 1.26 0.00	37.65 1.06 0.00	34.39 0.94 0.00	34.44 0.97 0.00	39.69 1.27 0.00	42.80 1.29 0.00	45.64 1.46 0.00	48.10 1.67 0.00	49.74 1.82 0.00	51.44 1.74 0.00	53.90 1.87 0.00	57.48 1.83 0.00	61.88 1.97 0.00	65.84 2.04 0.00	64.16 1.80 -0.44	72.23 2.10 0.00	79.40 2.46 0.00	80.60 3.10 0.00	80.51 3.24 0.00	73.28 2.89 0.00	62.14 2.39 0.00	53.36 2.05 0.00	50.58 1.85 0.00
SLEIGHT__34_KV_TB1 80719	45.04 0.18 0.00	39.50 0.00 0.00	36.26 -0.33 0.00	33.15 -0.30 0.00	33.17 -0.30 0.00	38.08 -0.35 0.00	41.01 -0.50 0.00	43.74 -0.44 0.00	46.25 -0.19 0.00	48.16 0.24 0.00	49.95 0.25 0.00	52.39 0.36 0.00	55.92 0.28 0.00	60.02 0.12 0.00	64.56 0.77 0.00	62.78 0.00 -0.85	70.69 0.56 0.00	77.63 0.69 0.00	78.82 1.32 0.00	78.19 0.93 0.00	71.24 0.84 0.00	60.34 0.60 0.00	51.87 0.56 0.00	49.55 0.83 0.00
SMITHTWN_69_KV_BK 1 55830	50.07 5.20 0.00	44.33 4.66 -0.17	40.69 4.10 0.00	37.00 3.55 0.00	37.09 3.61 0.00	42.69 4.27 0.00	46.49 4.98 0.00	49.53 5.35 0.00	51.45 5.01 0.00	53.25 5.27 -0.05	53.45 4.57 0.83	55.98 5.20 1.25	60.47 6.40 1.57	68.49 7.73 -0.86	76.91 9.25 -3.87	116.84 9.10 -45.81	139.16 10.66 -58.37	175.37 11.85 -86.58	186.48 12.17 -96.81	89.95 11.13 -1.56	78.56 8.17 0.00	65.56 5.50 -0.32	56.79 5.03 -0.45	51.54 4.09 1.28
SOUTH CAIRO__GT 23612	46.39 1.53 0.00	40.85 1.34 0.00	37.94 1.35 0.00	34.62 1.17 0.00	34.61 1.14 0.00	39.92 1.50 0.00	42.96 1.45 0.00	45.77 1.59 0.00	47.64 1.21 0.00	48.79 0.86 0.00	50.60 0.89 0.00	52.49 1.25 0.79	54.82 1.28 2.11	57.86 1.62 3.66	60.40 1.79 5.18	59.84 1.61 3.70	65.16 1.75 6.72	72.74 2.39 6.59	73.11 2.71 7.10	80.28 3.01 0.00	72.40 3.38 1.37	61.82 2.09 0.02	53.10 1.80 0.00	50.38 1.66 0.00
SOUTH HAMPTN__IC 23720	50.21 5.34 -0.01	44.49 4.82 -0.17	40.73 4.13 -0.01	36.97 3.51 -0.01	37.10 3.62 -0.01	42.74 4.30 -0.01	46.54 5.02 -0.01	49.54 5.34 -0.01	51.35 4.92 0.00	53.25 5.27 -0.05	54.18 4.82 0.35	57.02 5.51 0.52	61.77 6.79 0.66	69.15 8.21 -1.04	77.82 10.02 -4.01	118.69 9.91 -46.86	141.17 11.57 -59.48	177.56 12.69 -87.93	140.30 13.25 -49.55	90.92 12.20 -1.45	79.20 8.80 0.00	66.36 5.92 -0.70	57.58 5.13 -1.14	52.29 4.53 0.96
SOUTHDOW_115KV_TB1 355954	44.95 0.09 0.00	39.23 -0.28 0.00	35.71 -0.88 0.00	32.78 -0.67 0.00	32.67 -0.80 0.00	37.58 -0.85 0.00	40.51 -1.00 0.00	43.48 -0.71 0.00	46.20 -0.23 0.00	48.45 0.53 0.00	50.10 0.40 0.00	52.39 0.36 0.00	55.92 0.28 0.00	59.78 -0.12 0.00	64.56 0.77 0.00	62.59 -0.62 0.00	71.34 1.05 -0.16	78.49 0.85 -0.70	80.33 2.17 -0.66	78.73 1.47 0.00	71.17 0.77 0.00	60.64 0.90 0.00	52.54 1.23 0.00	50.97 2.24 0.00
SOUTHOLD_69_KV_BK 2 55809	50.88 6.01 0.00	44.92 5.25 -0.17	41.05 4.46 0.00	37.27 3.81 0.00	37.42 3.95 0.00	43.08 4.65 0.00	46.95 5.44 0.00	50.02 5.83 0.00	52.14 5.71 0.00	54.21 6.23 -0.05	54.77 5.42 0.35	57.70 6.19 0.53	62.55 7.57 0.66	70.23 9.29 -1.04	78.84 11.04 -4.01	119.68 10.90 -46.86	142.37 12.76 -59.48	179.09 14.23 -87.92	141.69 14.57 -49.62	91.93 13.21 -1.45	79.97 9.57 0.00	66.90 6.45 -0.70	57.99 5.54 -1.14	52.73 4.97 0.96
SOUTHOLD__IC 23719	50.84 5.97 -0.01	44.92 5.25 -0.17	41.06 4.46 -0.01	37.24 3.78 -0.01	37.39 3.91 -0.01	43.08 4.65 -0.01	46.95 5.44 -0.01	49.98 5.79 -0.01	51.91 5.48 0.00	53.92 5.94 -0.05	54.77 5.42 0.35	57.64 6.14 0.53	62.55 7.57 0.66	70.04 9.10 -1.04	78.84 11.04 -4.01	119.69 10.90 -46.86	142.37 12.77 -59.48	178.87 14.01 -87.93	141.69 14.56 -49.63	92.08 13.37 -1.45	79.97 9.57 0.00	66.96 6.51 -0.70	58.04 5.59 -1.14	52.92 5.16 0.96
SOUTH_FORK_WT_PWR 323839	50.53 5.65 -0.01	44.65 4.98 -0.17	40.80 4.21 -0.01	37.01 3.54 -0.01	37.16 3.68 -0.01	42.77 4.34 -0.01	46.66 5.15 -0.01	49.67 5.48 -0.01	51.59 5.15 0.00	53.58 5.60 -0.05	54.23 4.87 0.35	57.13 5.62 0.53	61.94 6.95 0.66	69.39 8.45 -1.04	78.13 10.33 -4.01	119.00 10.22 -46.86	141.59 11.99 -59.48	178.02 13.15 -87.93	140.80 13.72 -49.59	91.23 12.52 -1.45	79.13 8.73 0.00	66.24 5.79 -0.70	57.42 4.98 -1.14	52.54 4.78 0.96
SPIERFLS_115KV_TB 1 80737	46.93 2.06 0.00	41.44 1.94 0.00	38.35 1.76 0.00	34.92 1.47 0.00	34.91 1.44 0.00	40.31 1.88 0.00	43.46 1.95 0.00	46.22 2.03 0.00	48.52 2.09 0.00	49.89 1.96 0.00	51.24 1.54 0.00	53.69 1.66 0.00	57.20 1.56 0.00	61.70 1.80 0.00	65.96 2.17 0.00	62.77 1.98 1.14	72.80 2.31 -0.36	81.97 3.46 -1.57	83.64 4.65 -1.49	81.98 4.71 0.00	77.19 4.15 -2.64	62.97 3.23 0.00	53.92 2.62 0.00	50.62 1.90 0.00
ST LAWRENCE____ 23600	44.37 -0.49 0.00	39.11 -0.39 0.00	36.22 -0.37 0.00	33.09 -0.37 0.00	33.14 -0.33 0.00	37.97 -0.46 0.00	41.09 -0.42 0.00	43.70 -0.49 0.00	45.88 -0.56 0.00	47.25 -0.67 0.00	48.91 -0.80 0.00	51.09 -0.94 0.00	54.53 -1.11 0.00	58.59 -1.32 0.00	61.94 -1.85 0.00	60.19 -1.73 0.00	68.02 -2.10 0.00	74.78 -2.15 0.00	74.71 -2.79 0.00	74.79 -2.48 0.00	68.64 -1.76 0.00	58.67 -1.07 0.00	50.43 -0.87 0.00	48.09 -0.63 0.00

STATE_CA_115KV_115_LB 55624	45.58 0.72 0.00	40.21 0.71 0.00	37.47 0.88 0.00	34.22 0.77 0.00	34.21 0.74 0.00	39.31 0.88 0.00	42.38 0.87 0.00	45.20 1.02 0.00	47.27 0.84 0.00	48.64 0.72 0.00	50.65 0.94 0.00	52.97 0.94 0.00	56.70 1.06 0.00	61.28 1.38 0.00	65.52 1.72 0.00	62.34 1.73 1.33	72.31 1.89 -0.29	80.58 2.39 -1.25	81.24 2.56 -1.19	79.51 2.24 0.00	70.17 1.62 1.85	60.76 1.02 0.00	52.07 0.77 0.00	49.31 0.58 0.00
STATE_ST_34_KV_LOAD 55959	45.36 0.49 0.00	39.86 0.36 0.00	36.77 0.18 0.00	33.59 0.13 0.00	33.61 0.13 0.00	38.66 0.23 0.00	41.72 0.21 0.00	44.45 0.27 0.00	46.90 0.46 0.00	48.50 0.58 0.00	50.40 0.70 0.00	52.76 0.73 0.00	56.42 0.78 0.00	60.62 0.72 0.00	65.01 1.21 0.00	63.62 0.74 -0.95	71.32 1.19 0.00	78.40 1.46 0.00	79.51 2.01 0.00	79.12 1.85 0.00	72.01 1.62 0.00	60.88 1.14 0.00	52.23 0.92 0.00	49.65 0.93 0.00
STATION_5_MISC_HYD 23604	45.36 0.49 0.00	39.62 0.12 0.00	36.26 -0.33 0.00	33.22 -0.23 0.00	33.17 -0.30 0.00	38.00 -0.42 0.00	40.84 -0.67 0.00	43.47 -0.71 0.00	46.11 -0.32 0.00	48.26 0.34 0.00	49.90 0.20 0.00	52.44 0.41 0.00	55.87 0.22 0.00	60.33 0.42 0.00	64.50 0.70 0.00	62.59 -0.19 -0.85	70.76 0.63 0.00	77.55 0.61 0.00	78.90 1.40 0.00	78.12 0.85 0.00	71.17 0.78 0.00	60.40 0.66 0.00	52.18 0.87 0.00	49.99 1.26 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.18 0.31 0.00	39.58 0.08 0.00	36.37 -0.22 0.00	33.25 -0.20 0.00	33.24 -0.23 0.00	38.20 -0.23 0.00	41.14 -0.37 0.00	43.87 -0.31 0.00	46.34 -0.09 0.00	48.21 0.29 0.00	50.00 0.30 0.00	52.39 0.36 0.00	55.92 0.28 0.00	60.02 0.12 0.00	64.56 0.77 0.00	62.81 0.00 -0.88	70.83 0.70 0.00	77.78 0.85 0.00	79.05 1.55 0.00	78.42 1.16 0.00	71.38 0.99 0.00	60.52 0.78 0.00	52.02 0.72 0.00	49.75 1.02 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.00 0.13 0.00	39.42 -0.08 0.00	36.08 -0.51 0.00	33.02 -0.43 0.00	33.00 -0.47 0.00	37.81 -0.61 0.00	40.68 -0.83 0.00	43.34 -0.84 0.00	45.88 -0.56 0.00	47.92 0.00 0.00	49.70 0.00 0.00	52.19 0.16 0.00	55.64 0.00 0.00	59.66 -0.24 0.00	64.24 0.45 0.00	62.40 -0.37 -0.85	70.48 0.35 0.00	77.25 0.31 0.00	78.58 1.08 0.00	77.81 0.54 0.00	70.89 0.49 0.00	60.16 0.42 0.00	51.82 0.51 0.00	49.70 0.97 0.00
STA_56___34_KV_BUS2 355983	45.00 0.13 0.00	39.42 -0.08 0.00	36.08 -0.51 0.00	33.02 -0.43 0.00	33.00 -0.47 0.00	37.81 -0.61 0.00	40.68 -0.83 0.00	43.34 -0.84 0.00	45.88 -0.56 0.00	47.92 0.00 0.00	49.70 0.00 0.00	52.19 0.16 0.00	55.64 0.00 0.00	59.66 -0.24 0.00	64.24 0.45 0.00	62.40 -0.37 -0.85	70.48 0.35 0.00	77.25 0.31 0.00	78.58 1.08 0.00	77.81 0.54 0.00	70.89 0.49 0.00	60.16 0.42 0.00	51.82 0.51 0.00	49.70 0.97 0.00
STA_67___115KV_BK2 355882	45.13 0.27 0.00	39.54 0.04 0.00	36.19 -0.40 0.00	33.12 -0.33 0.00	33.07 -0.40 0.00	37.93 -0.50 0.00	40.76 -0.75 0.00	43.34 -0.84 0.00	45.88 -0.56 0.00	47.92 0.00 0.00	49.70 0.00 0.00	52.19 0.16 0.00	55.64 0.00 0.00	59.60 -0.30 0.00	64.24 0.45 0.00	62.35 -0.43 -0.85	70.48 0.35 0.00	77.25 0.31 0.00	78.58 1.08 0.00	77.88 0.62 0.00	70.96 0.56 0.00	60.22 0.48 0.00	51.97 0.67 0.00	49.84 1.12 0.00
STA_7___115KV_9TRANS 80674	45.54 0.67 0.00	39.86 0.36 0.00	36.44 -0.15 0.00	33.39 -0.07 0.00	33.34 -0.13 0.00	38.20 -0.23 0.00	41.05 -0.46 0.00	43.79 -0.40 0.00	46.34 -0.09 0.00	48.45 0.53 0.00	50.25 0.55 0.00	52.76 0.73 0.00	56.31 0.67 0.00	60.32 0.42 0.00	65.01 1.21 0.00	63.03 0.25 -0.85	71.32 1.19 0.00	78.17 1.23 0.00	79.59 2.09 0.00	78.81 1.55 0.00	71.80 1.41 0.00	60.94 1.19 0.00	52.54 1.23 0.00	50.33 1.61 0.00
STA_82___115KV_TB1 80780	45.13 0.27 0.00	39.54 0.04 0.00	36.19 -0.40 0.00	33.15 -0.30 0.00	33.10 -0.37 0.00	37.93 -0.50 0.00	40.76 -0.75 0.00	43.39 -0.80 0.00	45.88 -0.56 0.00	47.97 0.05 0.00	49.70 0.00 0.00	52.19 0.16 0.00	55.64 0.00 0.00	59.60 -0.30 0.00	64.24 0.45 0.00	62.35 -0.43 -0.86	70.48 0.35 0.00	77.25 0.31 0.00	78.66 1.16 0.00	77.88 0.62 0.00	70.96 0.56 0.00	60.22 0.48 0.00	51.97 0.67 0.00	49.84 1.12 0.00
STEEL___WIND 323596	44.60 -0.27 0.00	38.87 -0.63 0.00	35.42 -1.17 0.00	32.55 -0.90 0.00	32.43 -1.04 0.00	37.04 -1.38 0.00	39.68 -1.83 0.00	41.84 -2.34 0.00	44.57 -1.86 0.00	46.87 -1.05 0.00	48.36 -1.34 0.00	50.93 -1.10 0.00	54.09 -1.56 0.00	58.47 -1.44 0.00	62.58 -1.21 0.00	60.69 -2.42 -1.18	69.00 -1.12 0.00	75.40 -1.54 0.00	77.11 -0.39 0.00	76.18 -1.08 0.00	69.27 -1.13 0.00	59.03 -0.71 0.00	51.36 0.05 0.00	49.75 1.02 0.00
STEPHTWN_115KV_BK_2 55603	45.72 0.85 0.00	40.29 0.79 0.00	37.54 0.95 0.00	34.29 0.84 0.00	34.28 0.80 0.00	39.39 0.96 0.00	42.46 0.95 0.00	45.29 1.10 0.00	47.36 0.93 0.00	48.69 0.77 0.00	50.65 0.94 0.00	53.02 0.99 0.00	56.70 1.06 0.00	61.28 1.38 0.00	65.65 1.85 0.00	62.45 1.86 1.34	72.44 2.03 -0.28	80.77 2.62 -1.21	81.51 2.87 -1.15	79.74 2.47 0.00	69.99 1.90 2.31	60.94 1.19 0.00	52.28 0.97 0.00	49.46 0.73 0.00
STEUBEN_REC_LFGE 323667	45.00 0.13 0.00	39.31 -0.20 0.00	36.11 -0.48 0.00	33.05 -0.40 0.00	32.97 -0.50 0.00	37.89 -0.54 0.00	40.85 -0.66 0.00	43.26 -0.93 0.00	45.64 -0.79 0.00	47.35 -0.58 0.00	48.96 -0.75 0.00	51.35 -0.68 0.00	54.81 -0.83 0.00	58.89 -1.02 0.00	63.41 -0.38 0.00	62.18 -1.36 -1.62	69.91 -0.42 -0.20	77.67 -0.15 -0.88	79.65 1.32 -0.83	78.73 1.47 0.00	71.87 1.48 0.00	61.00 1.25 0.00	52.54 1.23 0.00	50.43 1.71 0.00
STILLWATER___SOLAR 323814	47.24 2.38 0.00	41.67 2.17 0.00	38.60 2.01 0.00	35.19 1.74 0.00	35.18 1.71 0.00	40.54 2.11 0.00	43.75 2.24 0.00	46.52 2.34 0.00	48.80 2.37 0.00	50.27 2.35 0.00	51.94 2.24 0.00	54.37 2.34 0.00	58.09 2.45 0.00	62.66 2.76 0.00	67.11 3.32 0.00	64.23 3.34 1.04	74.41 3.85 -0.43	83.51 4.69 -1.88	84.78 5.50 -1.78	82.75 5.49 0.00	78.64 4.57 -3.67	63.27 3.52 0.00	54.18 2.87 0.00	51.01 2.29 0.00
STONY___BROOK 24151	49.99 5.11 -0.01	44.29 4.62 -0.17	40.66 4.06 -0.01	36.94 3.48 -0.01	37.03 3.55 -0.01	42.66 4.23 -0.01	46.45 4.94 -0.01	49.45 5.26 -0.01	51.17 4.74 0.00	52.96 4.98 -0.05	53.55 4.42 0.57	56.16 5.00 0.87	60.79 6.23 1.09	68.23 7.25 -1.08	76.88 8.93 -4.16	117.58 8.79 -46.86	139.93 10.31 -59.50	176.03 11.15 -87.94	161.57 11.78 -72.29	89.68 10.90 -1.52	78.21 7.81 0.00	65.66 5.32 -0.60	57.08 4.93 -0.85	51.81 4.19 1.11
STURGEON_POOL_HYD 23609	47.78 2.92 0.00	42.11 2.61 0.00	38.93 2.34 0.00	35.56 2.11 0.00	35.55 2.08 0.00	40.96 2.54 0.00	44.46 2.95 0.00	47.45 3.27 0.00	49.87 3.44 0.00	51.28 3.35 0.00	53.43 3.73 0.00	56.28 4.42 0.18	60.30 5.12 0.47	64.96 5.87 0.81	69.47 6.83 1.15	73.26 6.81 -4.52	78.59 7.78 -0.68	93.39 8.39 -8.06	93.53 8.60 -7.43	85.22 7.96 0.00	76.70 6.62 0.31	64.22 4.48 0.00	54.95 3.64 0.00	51.79 3.07 0.00

ST_LAW_115_BK7_LBMP 345037	44.37 -0.49 0.00	39.11 -0.39 0.00	36.22 -0.37 0.00	33.09 -0.37 0.00	33.14 -0.33 0.00	37.97 -0.46 0.00	41.09 -0.42 0.00	43.70 -0.49 0.00	45.83 -0.60 0.00	47.21 -0.72 0.00	48.86 -0.85 0.00	51.04 -0.99 0.00	54.47 -1.17 0.00	58.53 -1.38 0.00	61.88 -1.91 0.00	60.13 -1.80 0.00	67.88 -2.25 0.00	74.63 -2.31 0.00	74.55 -2.94 0.00	74.72 -2.55 0.00	68.56 -1.83 0.00	58.67 -1.07 0.00	50.43 -0.87 0.00	48.09 -0.63 0.00
ST_LAW_115_BK8_LBMP 345038	44.37 -0.49 0.00	39.11 -0.39 0.00	36.22 -0.37 0.00	33.09 -0.37 0.00	33.14 -0.33 0.00	37.97 -0.46 0.00	41.09 -0.42 0.00	43.70 -0.49 0.00	45.83 -0.60 0.00	47.21 -0.72 0.00	48.86 -0.85 0.00	51.04 -0.99 0.00	54.47 -1.17 0.00	58.53 -1.38 0.00	61.88 -1.91 0.00	60.13 -1.80 0.00	67.88 -2.25 0.00	74.63 -2.31 0.00	74.55 -2.94 0.00	74.72 -2.55 0.00	68.56 -1.83 0.00	58.67 -1.07 0.00	50.43 -0.87 0.00	48.09 -0.63 0.00
ST_LAW_230_BK5_LBMP 345035	44.37 -0.49 0.00	39.11 -0.39 0.00	36.22 -0.37 0.00	33.09 -0.37 0.00	33.14 -0.33 0.00	37.97 -0.46 0.00	41.09 -0.42 0.00	43.70 -0.49 0.00	45.88 -0.56 0.00	47.25 -0.67 0.00	48.91 -0.80 0.00	51.09 -0.94 0.00	54.53 -1.11 0.00	58.59 -1.32 0.00	61.94 -1.85 0.00	60.19 -1.73 0.00	68.02 -2.10 0.00	74.78 -2.15 0.00	74.71 -2.79 0.00	74.79 -2.48 0.00	68.64 -1.76 0.00	58.67 -1.07 0.00	50.43 -0.87 0.00	48.09 -0.63 0.00
ST_LAW_230_BK6_LBMP 345036	44.37 -0.49 0.00	39.11 -0.39 0.00	36.22 -0.37 0.00	33.09 -0.37 0.00	33.14 -0.33 0.00	37.97 -0.46 0.00	41.09 -0.42 0.00	43.70 -0.49 0.00	45.88 -0.56 0.00	47.25 -0.67 0.00	48.91 -0.80 0.00	51.09 -0.94 0.00	54.53 -1.11 0.00	58.59 -1.32 0.00	61.94 -1.85 0.00	60.19 -1.73 0.00	68.02 -2.10 0.00	74.78 -2.15 0.00	74.71 -2.79 0.00	74.79 -2.48 0.00	68.64 -1.76 0.00	58.67 -1.07 0.00	50.43 -0.87 0.00	48.09 -0.63 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.74 2.87 0.00	42.11 2.61 0.00	38.93 2.34 0.00	35.53 2.07 0.00	35.51 2.04 0.00	40.92 2.50 0.00	44.46 2.95 0.00	47.45 3.27 0.00	49.87 3.44 0.00	51.28 3.35 0.00	53.43 3.73 0.00	56.14 4.11 0.00	60.43 4.79 0.00	65.42 5.51 0.00	70.30 6.51 0.00	74.66 6.56 -6.16	81.23 7.50 -3.60	100.86 8.16 -15.77	100.78 8.37 -14.91	85.07 7.80 0.00	76.52 6.12 0.00	64.05 4.30 0.00	54.79 3.49 0.00	51.70 2.97 0.00
SWANROAD_115KV_TB1 355699	43.92 -0.94 0.00	38.52 -0.99 0.00	34.69 -1.90 0.00	32.18 -1.27 0.00	31.70 -1.77 0.00	36.24 -2.19 0.00	38.73 -2.78 0.00	40.65 -3.53 0.00	43.23 -3.20 0.00	45.43 -2.49 0.00	47.07 -2.63 0.00	49.43 -2.60 0.00	52.58 -3.06 0.00	56.07 -3.83 0.00	60.73 -3.06 0.00	58.85 -4.15 -1.08	66.76 -3.37 0.00	72.94 -4.00 0.00	74.71 -2.79 0.00	73.79 -3.48 0.00	67.16 -3.24 0.00	57.24 -2.51 0.00	49.97 -1.33 0.00	48.72 0.00 0.00
SYNERGY___BIOGAS 323694	45.85 0.99 0.00	40.10 0.59 0.00	36.33 -0.26 0.00	33.45 0.00 0.00	33.20 -0.27 0.00	38.04 -0.38 0.00	40.76 -0.75 0.00	43.34 -0.84 0.00	45.92 -0.51 0.00	48.12 0.19 0.00	49.75 0.05 0.00	52.24 0.21 0.00	55.64 0.00 0.00	59.48 -0.42 0.00	64.37 0.57 0.00	62.17 -0.74 -0.99	70.83 0.70 0.00	77.40 0.46 0.00	79.36 1.86 0.00	78.50 1.24 0.00	71.66 1.27 0.00	61.00 1.25 0.00	52.95 1.64 0.00	51.11 2.39 0.00
SYRACUSE___ENERGY_ST1 323597	45.04 0.18 0.00	39.58 0.08 0.00	36.59 0.00 0.00	33.42 -0.03 0.00	33.47 0.00 0.00	38.43 0.00 0.00	41.51 0.00 0.00	44.23 0.04 0.00	46.62 0.19 0.00	48.26 0.34 0.00	50.05 0.35 0.00	52.39 0.36 0.00	56.09 0.45 0.00	60.02 0.12 0.00	64.18 0.38 0.00	62.76 0.06 -0.77	70.41 0.28 0.00	77.32 0.38 0.00	78.20 0.70 0.00	77.81 0.54 0.00	70.89 0.49 0.00	60.28 0.54 0.00	51.72 0.41 0.00	49.16 0.44 0.00
SYRACUSE___ENERGY_ST2 323598	45.04 0.18 0.00	39.58 0.08 0.00	36.59 0.00 0.00	33.42 -0.03 0.00	33.47 0.00 0.00	38.43 0.00 0.00	41.51 0.00 0.00	44.23 0.04 0.00	46.62 0.19 0.00	48.26 0.34 0.00	50.05 0.35 0.00	52.39 0.36 0.00	56.09 0.45 0.00	60.02 0.12 0.00	64.18 0.38 0.00	62.76 0.06 -0.77	70.41 0.28 0.00	77.32 0.38 0.00	78.20 0.70 0.00	77.81 0.54 0.00	70.89 0.49 0.00	60.28 0.54 0.00	51.72 0.41 0.00	49.16 0.44 0.00
SYRACUSE___POWER 24017	44.95 0.09 0.00	39.50 0.00 0.00	36.52 -0.07 0.00	33.35 -0.10 0.00	33.37 -0.10 0.00	38.35 -0.08 0.00	41.43 -0.08 0.00	44.14 -0.04 0.00	46.53 0.09 0.00	48.16 0.24 0.00	49.95 0.25 0.00	52.34 0.31 0.00	56.03 0.39 0.00	60.20 0.30 0.00	64.43 0.64 0.00	63.05 0.31 -0.82	70.76 0.63 0.00	77.63 0.69 0.00	78.58 1.08 0.00	78.12 0.85 0.00	71.10 0.70 0.00	60.22 0.48 0.00	51.66 0.36 0.00	49.07 0.34 0.00
TALLMAN_138KV_BK151 55660	48.05 3.19 0.00	42.43 2.92 0.00	39.19 2.60 0.00	35.76 2.31 0.00	35.75 2.28 0.00	41.19 2.77 0.00	44.79 3.28 0.00	47.85 3.67 0.00	50.24 3.81 0.00	51.71 3.79 0.00	53.93 4.22 0.00	56.66 4.63 0.00	60.99 5.34 0.00	66.07 6.17 0.00	71.07 7.27 0.00	75.51 7.37 -6.21	82.37 8.42 -3.83	102.97 9.23 -16.80	102.77 9.38 -15.89	85.84 8.58 0.00	77.15 6.76 0.00	64.47 4.72 0.00	55.10 3.80 0.00	51.99 3.26 0.00
TEALLAVE_115KV_TB7 355573	44.82 -0.04 0.00	39.38 -0.12 0.00	36.37 -0.22 0.00	33.25 -0.20 0.00	33.27 -0.20 0.00	38.23 -0.19 0.00	41.26 -0.25 0.00	44.01 -0.18 0.00	46.39 -0.05 0.00	48.02 0.10 0.00	49.85 0.15 0.00	52.19 0.16 0.00	55.87 0.22 0.00	60.08 0.18 0.00	64.24 0.45 0.00	62.73 0.12 -0.68	70.48 0.35 0.00	77.40 0.46 0.00	78.27 0.77 0.00	77.88 0.62 0.00	70.82 0.42 0.00	59.93 0.18 0.00	51.46 0.15 0.00	48.87 0.15 0.00
TELGRAPH_34_KV_EAST 80808	44.91 0.04 0.00	39.31 -0.20 0.00	35.57 -1.02 0.00	32.82 -0.64 0.00	32.50 -0.97 0.00	37.20 -1.23 0.00	39.81 -1.70 0.00	42.11 -2.08 0.00	44.67 -1.76 0.00	46.92 -1.01 0.00	48.56 -1.14 0.00	50.99 -1.04 0.00	54.25 -1.39 0.00	57.99 -1.92 0.00	62.71 -1.08 0.00	60.66 -2.29 -1.02	68.79 -1.33 0.00	75.32 -1.62 0.00	77.19 -0.31 0.00	76.26 -1.00 0.00	69.48 -0.92 0.00	59.27 -0.48 0.00	51.61 0.31 0.00	50.04 1.32 0.00
TEMPLE___115KV_TB 2 55572	44.82 -0.04 0.00	39.38 -0.12 0.00	36.41 -0.18 0.00	33.25 -0.20 0.00	33.30 -0.17 0.00	38.27 -0.15 0.00	41.30 -0.21 0.00	44.01 -0.18 0.00	46.43 0.00 0.00	48.07 0.14 0.00	49.85 0.15 0.00	52.24 0.21 0.00	55.92 0.28 0.00	60.14 0.24 0.00	64.31 0.51 0.00	62.80 0.19 -0.69	70.62 0.49 0.00	77.48 0.54 0.00	78.35 0.85 0.00	77.88 0.62 0.00	70.89 0.49 0.00	59.99 0.24 0.00	51.46 0.15 0.00	48.92 0.19 0.00
TIANA____69_KV_BK 1 55817	50.16 5.29 0.00	44.37 4.70 -0.17	40.65 4.06 0.00	36.93 3.48 0.00	37.02 3.55 0.00	42.65 4.23 0.00	46.45 4.94 0.00	49.49 5.30 0.00	51.49 5.06 0.00	53.39 5.42 -0.05	54.08 4.72 0.35	56.92 5.41 0.53	61.61 6.62 0.66	69.15 8.21 -1.04	77.63 9.82 -4.01	118.51 9.72 -46.86	140.97 11.36 -59.48	177.47 12.62 -87.92	140.12 13.02 -49.61	90.61 11.90 -1.45	79.06 8.66 0.00	66.18 5.74 -0.70	57.48 5.03 -1.14	52.00 4.24 0.96

TILDEN___115KV_TB1 80814	44.95 0.09 0.00	39.50 0.00 0.00	36.52 -0.07 0.00	33.35 -0.10 0.00	33.37 -0.10 0.00	38.35 -0.08 0.00	41.43 -0.08 0.00	44.14 -0.04 0.00	46.53 0.09 0.00	48.16 0.24 0.00	49.95 0.25 0.00	52.34 0.31 0.00	56.03 0.39 0.00	60.20 0.30 0.00	64.43 0.64 0.00	63.05 0.31 -0.82	70.76 0.63 0.00	77.63 0.69 0.00	78.58 1.08 0.00	78.12 0.85 0.00	71.10 0.70 0.00	60.22 0.48 0.00	51.66 0.36 0.00	49.07 0.34 0.00
TRIGEN___CC 323695	49.22 4.35 0.00	43.58 3.91 -0.17	40.14 3.55 0.00	36.60 3.14 0.00	36.58 3.11 0.00	42.15 3.73 0.00	45.83 4.32 0.00	48.95 4.77 0.00	51.03 4.60 0.00	52.96 4.98 -0.05	54.32 4.62 0.00	57.18 5.15 0.00	61.82 6.18 0.00	75.38 7.37 -8.10	104.03 8.68 -31.56	117.26 8.48 -46.85	139.48 9.89 -59.47	175.77 10.93 -87.91	121.06 11.24 -32.32	98.87 10.20 -11.41	78.14 7.74 0.00	65.12 5.38 0.00	69.36 4.98 -13.08	53.01 4.14 -0.14
TRINITY__115KV__4 BK 55933	45.36 0.49 0.00	40.02 0.51 0.00	37.29 0.70 0.00	34.09 0.64 0.00	34.11 0.64 0.00	39.12 0.69 0.00	42.22 0.71 0.00	44.98 0.80 0.00	47.04 0.60 0.00	48.40 0.48 0.00	50.40 0.70 0.00	52.76 0.73 0.00	56.48 0.83 0.00	60.98 1.08 0.00	65.26 1.47 0.00	62.11 1.55 1.36	72.08 1.68 -0.27	80.12 2.00 -1.18	80.79 2.17 -1.12	79.12 1.85 0.00	69.50 1.34 2.24	60.46 0.72 0.00	51.82 0.51 0.00	49.07 0.34 0.00
UNION___PROCESSING_DRP 323587	45.13 0.27 0.00	39.54 0.04 0.00	36.19 -0.40 0.00	33.15 -0.30 0.00	33.10 -0.37 0.00	37.93 -0.50 0.00	40.76 -0.75 0.00	43.39 -0.80 0.00	45.92 -0.51 0.00	47.97 0.05 0.00	49.75 0.05 0.00	52.24 0.21 0.00	55.70 0.06 0.00	59.66 -0.24 0.00	64.31 0.51 0.00	62.41 -0.37 -0.86	70.48 0.35 0.00	77.25 0.31 0.00	78.66 1.16 0.00	77.88 0.62 0.00	71.03 0.63 0.00	60.28 0.54 0.00	51.97 0.67 0.00	49.89 1.17 0.00
UPPER HUDSON___HYD 24058	46.93 2.06 0.00	41.44 1.94 0.00	38.35 1.76 0.00	34.92 1.47 0.00	34.91 1.44 0.00	40.31 1.88 0.00	43.46 1.95 0.00	46.22 2.03 0.00	48.53 2.09 0.00	49.94 2.01 0.00	51.25 1.54 0.00	53.69 1.66 0.00	57.20 1.56 0.00	61.64 1.74 0.00	65.97 2.17 0.00	62.77 1.98 1.14	72.80 2.31 -0.36	81.89 3.38 -1.57	83.64 4.65 -1.49	82.14 4.87 0.00	77.26 4.22 -2.64	63.03 3.28 0.00	53.97 2.67 0.00	50.62 1.90 0.00
UPPER RAQUET___HYD 24056	45.14 0.27 0.00	39.78 0.28 0.00	36.81 0.22 0.00	33.59 0.13 0.00	33.67 0.20 0.00	38.62 0.19 0.00	41.80 0.29 0.00	44.41 0.22 0.00	46.57 0.14 0.00	47.92 0.00 0.00	49.51 -0.20 0.00	51.51 -0.52 0.00	54.87 -0.78 0.00	58.83 -1.08 0.00	62.14 -1.66 0.00	59.94 -1.98 0.00	67.25 -2.88 0.00	73.55 -3.38 0.00	73.55 -3.95 0.00	74.02 -3.24 0.00	68.21 -2.18 0.00	58.91 -0.84 0.00	51.00 -0.31 0.00	49.02 0.29 0.00
VALLEY44_115KV_TB2 355964	43.83 -1.03 0.00	38.24 -1.26 0.00	34.87 -1.72 0.00	32.01 -1.44 0.00	31.90 -1.57 0.00	36.62 -1.81 0.00	39.48 -2.03 0.00	41.89 -2.30 0.00	44.44 -2.00 0.00	46.49 -1.44 0.00	48.11 -1.59 0.00	50.26 -1.77 0.00	53.64 -2.00 0.00	57.51 -2.40 0.00	62.33 -1.47 0.00	60.57 -2.66 -1.31	68.96 -1.33 -0.16	75.96 -1.69 -0.72	77.40 -0.77 -0.68	75.95 -1.31 0.00	68.99 -1.41 0.00	58.61 -1.14 0.00	50.64 -0.67 0.00	49.26 0.54 0.00
VALLEY___115KV_TB 1-4 80826	45.49 0.63 0.00	40.02 0.51 0.00	37.07 0.48 0.00	33.85 0.40 0.00	33.87 0.40 0.00	38.96 0.54 0.00	42.05 0.54 0.00	44.80 0.62 0.00	47.13 0.70 0.00	48.64 0.72 0.00	50.45 0.75 0.00	52.81 0.78 0.00	56.37 0.72 0.00	60.68 0.78 0.00	64.62 0.83 0.00	62.80 0.87 0.00	71.04 0.91 0.00	78.02 1.08 0.00	78.74 1.24 0.00	78.50 1.24 0.00	71.38 0.99 0.00	60.58 0.84 0.00	51.97 0.67 0.00	49.26 0.54 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.29 2.42 0.00	41.60 2.09 0.00	38.57 1.98 0.00	35.26 1.81 0.00	35.28 1.81 0.00	40.69 2.27 0.00	43.83 2.32 0.00	46.79 2.61 0.00	49.36 2.93 0.00	50.99 3.07 0.00	52.88 3.18 0.00	55.41 3.38 0.00	59.21 3.56 0.00	63.74 3.83 0.00	68.20 4.40 0.00	69.33 4.21 -3.19	75.32 4.77 -0.42	84.02 5.23 -1.85	84.98 5.73 -1.75	82.67 5.41 0.00	75.04 4.65 0.00	63.39 3.64 0.00	54.38 3.08 0.00	51.50 2.78 0.00
VISCHER___FERRY HYD 24020	46.75 1.88 0.00	41.28 1.78 0.00	38.31 1.72 0.00	34.99 1.54 0.00	34.98 1.51 0.00	40.19 1.77 0.00	43.46 1.95 0.00	46.22 2.03 0.00	48.43 2.00 0.00	49.94 2.01 0.00	51.79 2.09 0.00	54.27 2.24 0.00	58.15 2.51 0.00	62.66 2.76 0.00	67.17 3.38 0.00	64.64 3.53 0.81	74.71 4.00 -0.59	84.14 4.62 -2.59	85.14 5.19 -2.45	82.36 5.10 0.00	81.34 4.08 -6.87	62.73 2.99 0.00	53.56 2.25 0.00	50.58 1.85 0.00
V_A_10_SYNC_DSASP 323832	44.37 -0.49 0.00	38.87 -0.63 0.00	35.49 -1.10 0.00	32.52 -0.94 0.00	32.40 -1.07 0.00	37.12 -1.31 0.00	39.77 -1.74 0.00	41.93 -2.25 0.00	44.53 -1.90 0.00	46.68 -1.25 0.00	48.36 -1.34 0.00	50.78 -1.25 0.00	54.03 -1.61 0.00	57.69 -2.22 0.00	62.39 -1.40 0.00	60.60 -2.29 -0.96	68.51 -1.61 0.00	75.01 -1.92 0.00	76.49 -1.01 0.00	75.72 -1.55 0.00	68.92 -1.48 0.00	58.61 -1.14 0.00	50.84 -0.46 0.00	49.16 0.44 0.00
V_CMM_10_SYNC_DSASP 323787	44.60 -0.27 0.00	39.31 -0.20 0.00	36.41 -0.18 0.00	33.29 -0.17 0.00	33.31 -0.17 0.00	38.16 -0.27 0.00	41.30 -0.21 0.00	43.92 -0.26 0.00	46.06 -0.37 0.00	47.49 -0.43 0.00	49.11 -0.59 0.00	51.30 -0.73 0.00	54.75 -0.89 0.00	58.76 -1.14 0.00	62.14 -1.66 0.00	60.32 -1.61 0.00	68.16 -1.96 0.00	74.94 -2.00 0.00	74.86 -2.64 0.00	75.02 -2.24 0.00	68.91 -1.48 0.00	58.97 -0.78 0.00	50.69 -0.61 0.00	48.39 -0.34 0.00
V_CMP_10_SYNC_DSASP 323788	44.55 -0.31 0.00	39.27 -0.24 0.00	36.34 -0.25 0.00	33.22 -0.23 0.00	33.31 -0.17 0.00	38.16 -0.27 0.00	41.34 -0.17 0.00	43.96 -0.22 0.00	46.06 -0.37 0.00	47.06 -0.86 0.00	48.56 -1.14 0.00	50.68 -1.35 0.00	53.36 -2.28 0.00	56.97 -2.93 0.00	60.22 -3.57 0.00	58.46 -3.47 0.00	66.13 -3.99 0.00	73.09 -3.84 0.00	73.08 -4.41 0.00	73.40 -3.86 0.00	67.44 -2.95 0.00	57.60 -2.15 0.00	49.77 -1.54 0.00	47.80 -0.93 0.00
V_D_10_SYNC_DSASP 323841	44.91 0.04 0.00	39.62 0.12 0.00	36.70 0.11 0.00	33.49 0.03 0.00	33.57 0.10 0.00	38.43 0.00 0.00	41.59 0.08 0.00	44.18 0.00 0.00	46.39 -0.05 0.00	47.78 -0.14 0.00	49.41 -0.30 0.00	51.51 -0.52 0.00	54.92 -0.72 0.00	59.01 -0.90 0.00	62.33 -1.46 0.00	60.44 -1.49 0.00	68.24 -1.89 0.00	75.02 -1.92 0.00	74.94 -2.56 0.00	75.18 -2.08 0.00	69.20 -1.20 0.00	59.21 -0.54 0.00	51.00 -0.31 0.00	48.77 0.05 0.00
V_E_10_SYNC_DSASP 323830	48.45 3.59 0.00	42.39 2.88 0.00	39.08 2.49 0.00	35.66 2.21 0.00	35.78 2.31 0.00	41.46 3.03 0.00	44.58 3.07 0.00	47.67 3.49 0.00	50.43 3.99 0.00	52.19 4.26 0.00	53.68 3.98 0.00	56.30 4.27 0.00	59.70 4.06 0.00	64.34 4.43 0.00	68.45 4.65 0.00	68.23 4.02 -2.28	75.19 4.77 -0.29	83.91 5.69 -1.27	86.07 7.37 -1.21	84.99 7.73 0.00	77.37 6.97 0.00	65.60 5.86 0.00	56.34 5.03 0.00	53.40 4.68 0.00

V_F_30_NSYNC___DSASP 323816	47.29 2.42 0.00	41.71 2.21 0.00	38.64 2.05 0.00	35.22 1.77 0.00	35.21 1.74 0.00	40.58 2.15 0.00	43.79 2.28 0.00	46.57 2.38 0.00	48.85 2.41 0.00	50.32 2.40 0.00	51.99 2.29 0.00	54.48 2.45 0.00	58.21 2.56 0.00	62.78 2.88 0.00	67.24 3.44 0.00	64.25 3.40 1.08	74.38 3.85 -0.40	83.46 4.77 -1.75	84.65 5.50 -1.65	82.83 5.57 0.00	78.26 4.64 -3.22	63.33 3.58 0.00	54.23 2.92 0.00	51.06 2.34 0.00
V_F_30_SYNC_DSASP 323786	45.58 0.72 0.00	40.21 0.71 0.00	37.47 0.88 0.00	34.22 0.77 0.00	34.21 0.74 0.00	39.31 0.88 0.00	42.38 0.87 0.00	45.20 1.02 0.00	47.27 0.84 0.00	48.64 0.72 0.00	50.65 0.94 0.00	52.97 0.94 0.00	56.70 1.06 0.00	61.28 1.38 0.00	65.52 1.72 0.00	62.33 1.73 1.33	72.30 1.89 -0.28	80.57 2.39 -1.25	81.24 2.56 -1.18	79.51 2.24 0.00	70.13 1.62 1.88	60.76 1.02 0.00	52.07 0.77 0.00	49.31 0.58 0.00
V_XM_10_SYNC_DSASP 323789	44.55 -0.31 0.00	39.27 -0.24 0.00	36.34 -0.25 0.00	33.22 -0.23 0.00	33.31 -0.17 0.00	38.16 -0.27 0.00	41.34 -0.17 0.00	43.96 -0.22 0.00	46.06 -0.37 0.00	47.06 -0.86 0.00	48.56 -1.14 0.00	50.68 -1.35 0.00	53.36 -2.28 0.00	56.97 -2.93 0.00	60.22 -3.57 0.00	58.46 -3.47 0.00	66.13 -3.99 0.00	73.09 -3.84 0.00	73.08 -4.41 0.00	73.40 -3.86 0.00	67.44 -2.95 0.00	57.60 -2.15 0.00	49.77 -1.54 0.00	47.80 -0.93 0.00
W.BABYLN_69_KV_BK1 56697	50.43 5.56 0.00	44.65 4.98 -0.17	40.98 4.39 0.00	37.30 3.85 0.00	37.35 3.88 0.00	43.04 4.61 0.00	46.82 5.31 0.00	49.93 5.74 0.00	51.91 5.48 0.00	53.77 5.80 -0.05	54.71 5.12 0.12	57.63 5.78 0.18	62.43 7.01 0.22	70.69 8.45 -2.34	82.82 9.95 -9.08	118.31 9.54 -46.85	140.81 11.22 -59.47	177.31 12.46 -87.91	122.69 12.86 -32.32	92.43 11.90 -3.27	79.48 9.08 -0.01	67.49 6.39 -1.35	60.64 5.69 -3.64	52.68 4.63 0.67
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.18 3.32 0.00	42.51 3.00 0.00	39.30 2.71 0.00	35.83 2.38 0.00	35.82 2.34 0.00	41.27 2.84 0.00	44.87 3.36 0.00	47.94 3.76 0.00	50.38 3.95 0.00	51.85 3.93 0.00	54.03 4.32 0.00	56.76 4.73 0.00	61.10 5.45 0.00	66.19 6.29 0.00	71.20 7.40 0.00	75.64 7.49 -6.22	82.59 8.56 -3.91	103.38 9.31 -17.13	103.23 9.53 -16.20	86.07 8.81 0.00	77.36 6.97 0.00	64.59 4.84 0.00	55.26 3.95 0.00	52.09 3.36 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	48.77 3.90 0.00	43.02 3.52 0.00	39.77 3.18 0.00	36.23 2.78 0.00	36.22 2.74 0.00	41.73 3.30 0.00	45.49 3.98 0.00	48.69 4.51 0.00	51.18 4.74 -0.01	53.84 4.84 -1.08	55.03 5.27 -0.06	57.71 5.67 -0.01	62.10 6.45 0.00	67.27 7.37 0.00	72.34 8.55 0.00	117.38 8.61 -46.84	139.41 9.82 -59.47	175.53 10.69 -87.90	120.75 10.93 -32.32	87.16 9.89 0.00	78.14 7.74 0.00	65.18 5.44 0.00	55.77 4.46 0.00	52.57 3.85 0.00
W50THST__13_KV_LOAD 356117	49.04 4.17 0.00	43.26 3.75 0.00	39.96 3.37 0.00	36.40 2.94 0.00	36.42 2.95 0.00	41.96 3.54 0.00	45.79 4.28 0.00	49.00 4.82 0.00	51.55 5.11 -0.01	54.27 5.27 -1.08	55.53 5.77 -0.06	58.23 6.19 -0.01	62.66 7.01 0.00	67.81 7.91 0.00	72.92 9.12 0.00	117.94 9.17 -46.84	140.04 10.45 -59.47	176.23 11.39 -87.90	121.37 11.55 -32.32	87.70 10.43 0.00	78.70 8.31 0.00	65.60 5.86 0.00	56.08 4.77 0.00	52.87 4.14 0.00
WADING RIVER_IC_1 23522	49.40 4.53 -0.01	43.82 4.15 -0.17	40.15 3.55 -0.01	36.47 3.01 -0.01	36.59 3.11 -0.01	42.12 3.69 -0.01	45.87 4.36 -0.01	48.83 4.64 -0.01	50.56 4.13 0.00	52.29 4.31 -0.05	53.24 3.88 0.34	55.93 4.42 0.52	60.61 5.62 0.65	67.82 6.89 -1.03	76.34 8.55 -3.99	117.21 8.42 -46.86	139.56 9.95 -59.48	175.71 10.85 -87.93	138.10 11.47 -49.14	89.30 10.59 -1.44	77.86 7.46 0.00	65.27 4.84 -0.68	56.76 4.31 -1.14	51.42 3.66 0.96
WADING RIVER_IC_2 23547	49.40 4.53 -0.01	43.82 4.15 -0.17	40.15 3.55 -0.01	36.47 3.01 -0.01	36.59 3.11 -0.01	42.12 3.69 -0.01	45.87 4.36 -0.01	48.83 4.64 -0.01	50.56 4.13 0.00	52.29 4.31 -0.05	53.24 3.88 0.34	55.93 4.42 0.52	60.61 5.62 0.65	67.82 6.89 -1.03	76.34 8.55 -3.99	117.21 8.42 -46.86	139.56 9.95 -59.48	175.71 10.85 -87.93	138.10 11.47 -49.14	89.30 10.59 -1.44	77.86 7.46 0.00	65.27 4.84 -0.68	56.76 4.31 -1.14	51.42 3.66 0.96
WADING RIVER_IC_3 23601	49.40 4.53 -0.01	43.82 4.15 -0.17	40.15 3.55 -0.01	36.47 3.01 -0.01	36.59 3.11 -0.01	42.12 3.69 -0.01	45.87 4.36 -0.01	48.83 4.64 -0.01	50.56 4.13 0.00	52.29 4.31 -0.05	53.24 3.88 0.34	55.93 4.42 0.52	60.61 5.62 0.65	67.82 6.89 -1.03	76.34 8.55 -3.99	117.21 8.42 -46.86	139.56 9.95 -59.48	175.71 10.85 -87.93	138.10 11.47 -49.14	89.30 10.59 -1.44	77.86 7.46 0.00	65.27 4.84 -0.68	56.76 4.31 -1.14	51.42 3.66 0.96
WALDENNY_12_KV_BK2 80841	44.64 -0.22 0.00	39.03 -0.47 0.00	35.49 -1.10 0.00	32.65 -0.80 0.00	32.43 -1.04 0.00	37.12 -1.31 0.00	39.77 -1.74 0.00	41.89 -2.30 0.00	44.58 -1.86 0.00	46.82 -1.10 0.00	48.46 -1.24 0.00	50.89 -1.14 0.00	54.25 -1.39 0.00	57.93 -1.98 0.00	62.77 -1.02 0.00	60.86 -2.23 -1.16	69.14 -0.98 0.00	75.48 -1.46 0.00	77.27 -0.23 0.00	76.34 -0.93 0.00	69.41 -0.99 0.00	59.15 -0.60 0.00	51.36 0.05 0.00	49.84 1.12 0.00
WALDEN___HYDRO 24148	47.91 3.05 0.00	42.27 2.77 0.00	39.04 2.45 0.00	35.66 2.21 0.00	35.65 2.18 0.00	41.08 2.65 0.00	44.58 3.07 0.00	47.63 3.45 0.00	50.06 3.62 0.00	51.47 3.55 0.00	53.63 3.93 0.00	56.35 4.32 0.00	60.60 4.95 0.00	65.66 5.75 0.00	70.49 6.70 0.00	74.93 6.75 -6.25	81.25 7.64 -3.48	100.57 8.39 -15.25	100.52 8.60 -14.42	85.46 8.19 0.00	76.94 6.55 0.00	64.35 4.60 0.00	55.05 3.75 0.00	51.94 3.22 0.00
WARRENSBURG____ 23737	46.93 2.06 0.00	41.44 1.94 0.00	38.35 1.76 0.00	34.92 1.47 0.00	34.91 1.44 0.00	40.31 1.88 0.00	43.46 1.95 0.00	46.22 2.03 0.00	48.52 2.09 0.00	49.89 1.96 0.00	51.24 1.54 0.00	53.69 1.66 0.00	57.20 1.56 0.00	61.70 1.80 0.00	65.96 2.17 0.00	62.77 1.98 1.14	72.80 2.31 -0.36	81.97 3.46 -1.57	83.64 4.65 -1.49	81.98 4.71 0.00	77.19 4.15 -2.64	62.97 3.23 0.00	53.92 2.62 0.00	50.62 1.90 0.00
WATERSIDE___6 8 9 23538	48.99 4.13 0.00	43.22 3.71 0.00	39.96 3.37 0.00	36.40 2.94 0.00	36.38 2.91 0.00	41.85 3.42 0.00	45.62 4.11 0.00	48.78 4.60 0.00	51.33 4.88 -0.02	54.50 4.79 -1.79	55.17 5.37 -0.10	57.87 5.83 -0.02	62.21 6.57 0.00	67.39 7.49 0.00	72.28 8.48 0.00	117.26 8.48 -46.85	139.20 9.61 -59.47	175.30 10.46 -87.90	120.44 10.62 -32.32	86.85 9.58 0.00	77.86 7.46 0.00	64.94 5.20 0.00	56.02 4.72 0.00	52.82 4.09 0.00
WATKINRD_115KV_LN8_ILLION 55919	45.36 0.49 0.00	39.90 0.40 0.00	36.96 0.37 0.00	33.79 0.33 0.00	33.81 0.33 0.00	38.85 0.42 0.00	41.97 0.46 0.00	44.67 0.49 0.00	46.99 0.56 0.00	48.50 0.58 0.00	50.25 0.55 0.00	52.65 0.62 0.00	56.26 0.61 0.00	60.56 0.66 0.00	64.56 0.77 0.00	62.73 0.81 0.00	70.97 0.84 0.00	77.94 1.00 0.00	78.66 1.16 0.00	78.42 1.16 0.00	71.31 0.92 0.00	60.46 0.72 0.00	51.87 0.56 0.00	49.16 0.44 0.00

WDELAWARE___HYD 323627	47.60 2.74 0.00	41.91 2.41 0.00	38.75 2.16 0.00	35.33 1.87 0.00	35.35 1.87 0.00	40.77 2.34 0.00	44.25 2.74 0.00	47.27 3.09 0.00	49.68 3.25 0.00	51.09 3.16 0.00	53.18 3.48 0.00	55.87 3.90 0.06	59.98 4.51 0.17	64.64 5.03 0.29	69.44 6.06 0.41	73.43 6.01 -5.50	79.22 6.88 -2.22	95.73 7.23 -11.56	96.11 7.75 -10.86	85.23 7.96 0.00	76.66 6.26 0.00	64.23 4.48 0.00	55.00 3.70 0.00	51.80 3.07 0.00
WEST BABYLON___IC 23714	50.43 5.56 0.00	44.65 4.98 -0.17	40.98 4.39 0.00	37.30 3.85 0.00	37.35 3.88 0.00	43.04 4.61 0.00	46.82 5.31 0.00	49.93 5.74 0.00	51.91 5.48 0.00	53.77 5.80 -0.05	54.71 5.12 0.12	57.63 5.78 0.18	62.43 7.01 0.22	70.69 8.45 -2.34	82.82 9.95 -9.08	118.31 9.54 -46.85	140.81 11.22 -59.47	177.31 12.46 -87.91	122.69 12.86 -32.32	92.43 11.90 -3.27	79.48 9.08 -0.01	67.49 6.39 -1.35	60.64 5.69 -3.64	52.68 4.63 0.67
WEST CANADA___HYD 24049	45.14 0.27 0.00	39.74 0.24 0.00	36.81 0.22 0.00	33.65 0.20 0.00	33.67 0.20 0.00	38.70 0.27 0.00	41.80 0.29 0.00	44.49 0.31 0.00	46.76 0.33 0.00	48.26 0.34 0.00	50.05 0.35 0.00	52.44 0.41 0.00	56.09 0.44 0.00	60.38 0.48 0.00	64.43 0.64 0.00	62.55 0.62 0.00	70.83 0.70 0.00	77.71 0.77 0.00	78.43 0.93 0.00	78.20 0.93 0.00	71.03 0.63 0.00	60.17 0.42 0.00	51.67 0.36 0.00	49.02 0.29 0.00
WESTERN_NY_WIND 24143	45.81 0.94 0.00	40.02 0.51 0.00	36.26 -0.33 0.00	33.42 -0.03 0.00	33.17 -0.30 0.00	37.96 -0.46 0.00	40.68 -0.83 0.00	43.26 -0.93 0.00	45.83 -0.60 0.00	48.02 0.10 0.00	49.65 -0.05 0.00	52.13 0.10 0.00	55.53 -0.11 0.00	59.37 -0.54 0.00	64.24 0.45 0.00	62.06 -0.87 -1.00	70.76 0.63 0.00	77.17 0.23 0.00	79.20 1.70 0.00	78.35 1.08 0.00	71.45 1.06 0.00	60.88 1.14 0.00	52.84 1.54 0.00	51.06 2.34 0.00
WESTOVER___LESR 323668	45.54 0.67 0.00	39.98 0.47 0.00	36.88 0.29 0.00	33.75 0.30 0.00	33.74 0.27 0.00	38.81 0.38 0.00	41.88 0.37 0.00	44.54 0.35 0.00	46.99 0.56 0.00	48.64 0.72 0.00	50.45 0.75 0.00	52.91 0.88 0.00	56.59 0.95 0.00	60.86 0.96 0.00	65.39 1.59 0.00	65.44 1.18 -2.34	72.24 1.82 -0.29	80.21 2.00 -1.27	81.26 2.56 -1.20	79.51 2.24 0.00	72.23 1.83 0.00	61.00 1.25 0.00	52.43 1.13 0.00	49.94 1.22 0.00
WETHRSFD_WT_PWR 323626	44.37 -0.49 0.00	38.52 -0.99 0.00	35.35 -1.24 0.00	32.45 -1.00 0.00	32.37 -1.10 0.00	37.04 -1.38 0.00	39.77 -1.74 0.00	41.84 -2.34 0.00	44.44 -2.00 0.00	46.34 -1.58 0.00	47.76 -1.94 0.00	50.31 -1.72 0.00	53.47 -2.17 0.00	57.81 -2.10 0.00	61.82 -1.98 0.00	60.32 -2.97 -1.36	68.19 -2.10 -0.17	75.22 -2.47 -0.74	76.96 -1.24 -0.70	76.03 -1.24 0.00	69.34 -1.05 0.00	58.97 -0.78 0.00	51.15 -0.15 0.00	49.41 0.68 0.00
WHAVSTOR_138KV_BK127 55557	48.05 3.19 0.00	42.39 2.88 0.00	39.19 2.60 0.00	35.76 2.31 0.00	35.75 2.28 0.00	41.15 2.73 0.00	44.75 3.24 0.00	47.81 3.62 0.00	50.19 3.76 0.00	51.66 3.74 0.00	53.83 4.13 0.00	56.56 4.53 0.00	60.87 5.23 0.00	65.95 6.05 0.00	71.00 7.21 0.00	75.46 7.31 -6.22	82.40 8.34 -3.92	103.22 9.08 -17.20	103.07 9.30 -16.27	85.69 8.42 0.00	77.01 6.62 0.00	64.35 4.60 0.00	55.00 3.69 0.00	51.89 3.17 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.05 3.19 0.00	42.39 2.88 0.00	39.19 2.60 0.00	35.76 2.31 0.00	35.75 2.28 0.00	41.15 2.73 0.00	44.75 3.24 0.00	47.81 3.62 0.00	50.19 3.76 0.00	51.66 3.74 0.00	53.83 4.13 0.00	56.56 4.53 0.00	60.87 5.23 0.00	65.95 6.05 0.00	71.00 7.21 0.00	75.46 7.31 -6.22	82.40 8.34 -3.92	103.22 9.08 -17.20	103.07 9.30 -16.27	85.69 8.42 0.00	77.01 6.62 0.00	64.35 4.60 0.00	55.00 3.69 0.00	51.89 3.17 0.00
WHITEHAL_115KV_TB1 80871	46.88 2.02 0.00	41.32 1.82 0.00	38.13 1.54 0.00	34.62 1.17 0.00	34.61 1.14 0.00	40.19 1.77 0.00	43.25 1.74 0.00	45.95 1.77 0.00	48.29 1.86 0.00	49.50 1.58 0.00	50.75 1.04 0.00	53.17 1.14 0.00	56.48 0.83 0.00	60.98 1.08 0.00	65.07 1.28 0.00	61.72 0.93 1.14	71.61 1.12 -0.36	81.43 2.92 -1.57	83.33 4.34 -1.49	81.98 4.71 0.00	77.33 4.29 -2.64	63.21 3.47 0.00	54.13 2.82 0.00	50.43 1.71 0.00
WHITEPLN_13_KV_LOAD 356215	49.17 4.31 0.00	43.37 3.87 0.00	40.07 3.48 0.00	36.53 3.08 0.00	36.52 3.05 0.00	42.04 3.61 0.00	45.79 4.28 0.00	49.04 4.86 0.00	51.59 5.15 0.00	53.10 5.13 -0.05	55.42 5.72 0.00	58.22 6.19 0.00	62.88 7.23 0.00	68.23 8.33 0.00	73.62 9.82 0.00	119.04 10.28 -46.84	141.37 11.78 -59.46	177.74 12.93 -87.88	123.12 13.33 -32.30	88.70 11.44 0.00	79.55 9.15 0.00	66.08 6.33 0.00	56.38 5.08 0.00	53.16 4.43 0.00
WM_FLOYD_69_KV_BK2 356380	49.93 5.07 0.00	44.21 4.54 -0.17	40.51 3.92 0.00	36.83 3.38 0.00	36.92 3.45 0.00	42.54 4.11 0.00	46.32 4.82 0.00	49.31 5.13 0.00	51.22 4.78 0.00	53.05 5.08 -0.05	53.71 4.37 0.37	56.42 4.94 0.56	61.07 6.12 0.70	68.57 7.61 -1.06	77.00 9.12 -4.08	117.76 8.98 -46.86	140.20 10.59 -59.48	176.63 11.77 -87.92	141.62 12.17 -51.96	89.95 11.20 -1.48	78.56 8.17 0.00	65.89 5.38 -0.77	57.27 4.82 -1.14	51.70 3.95 0.98
WOODARD__115KV_TB2 355635	44.73 -0.13 0.00	39.31 -0.20 0.00	36.33 -0.26 0.00	33.22 -0.23 0.00	33.24 -0.23 0.00	38.20 -0.23 0.00	41.22 -0.29 0.00	43.92 -0.27 0.00	46.29 -0.14 0.00	47.92 0.00 0.00	49.70 0.00 0.00	52.08 0.05 0.00	55.76 0.11 0.00	59.90 0.00 0.00	64.11 0.32 0.00	62.61 0.00 -0.68	70.34 0.21 0.00	77.25 0.31 0.00	78.12 0.62 0.00	77.65 0.39 0.00	70.68 0.28 0.00	59.81 0.06 0.00	51.36 0.05 0.00	48.82 0.10 0.00
WOODMERE_69_KV_BK1 55827	50.02 5.16 0.00	44.25 4.58 -0.17	40.72 4.13 0.00	37.13 3.68 0.00	37.12 3.65 0.00	42.73 4.30 0.00	46.49 4.98 0.00	49.62 5.43 0.00	51.73 5.29 0.00	53.82 5.85 -0.05	55.22 5.52 0.00	58.22 6.19 0.00	62.99 7.35 0.00	87.47 8.69 -18.87	147.41 10.08 -73.54	118.62 9.85 -46.85	141.09 11.50 -59.47	177.54 12.69 -87.91	122.92 13.10 -32.32	115.92 12.05 -26.60	79.69 9.29 0.00	66.44 6.69 0.00	86.83 6.11 -29.42	54.58 5.16 -0.69
YORK___WARBASSE 23770	49.08 4.22 0.00	43.37 3.87 0.00	40.10 3.51 0.00	36.53 3.08 0.00	36.48 3.01 0.00	41.96 3.54 0.00	45.62 4.11 0.00	48.65 4.46 0.00	51.28 4.83 -0.02	54.50 4.79 -1.79	55.22 5.42 -0.10	57.87 5.83 -0.02	62.26 6.62 0.01	67.45 7.55 0.01	72.40 8.61 0.01	117.38 8.61 -46.85	139.40 9.82 -59.46	175.45 10.62 -87.90	120.66 10.85 -32.32	87.00 9.74 0.01	77.99 7.60 0.01	65.00 5.26 0.01	56.08 4.77 0.00	52.82 4.09 0.00