

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion											
Generator Data																											07/11/2025						
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		47.93	45.44	41.59	42.28	42.30	43.53	46.04	49.39	52.53	53.15	54.81	59.20	64.61	71.36	74.55	84.31	88.51	97.33	91.43	87.49	77.26	69.85	62.14	55.84								
24138		3.14	2.97	2.83	2.77	2.58	2.77	3.21	3.06	3.30	3.34	3.33	3.52	3.88	4.48	5.31	6.53	7.31	8.93	7.78	6.10	4.99	3.77	2.56	2.56								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-0.64	-1.03	-0.94	-1.13	-0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
74TH STREET_GT_1		48.02	45.48	41.63	42.31	42.34	43.57	46.00	49.34	52.48	53.10	54.76	59.09	64.55	71.29	74.55	84.24	88.43	97.33	91.43	87.49	77.26	69.85	62.14	55.90								
24260		3.23	3.02	2.87	2.81	2.62	2.81	3.17	3.01	3.25	3.29	3.28	3.41	3.82	4.42	5.31	6.46	7.23	8.93	7.78	6.10	4.99	3.77	2.56	2.61								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-0.64	-1.03	-0.94	-1.13	-0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
74TH STREET_GT_2		48.02	45.48	41.63	42.31	42.34	43.57	46.00	49.34	52.48	53.10	54.76	59.09	64.55	71.29	74.55	84.24	88.43	97.33	91.43	87.49	77.26	69.85	62.14	55.90								
24261		3.23	3.02	2.87	2.81	2.62	2.81	3.17	3.01	3.25	3.29	3.28	3.41	3.82	4.42	5.31	6.46	7.23	8.93	7.78	6.10	4.99	3.77	2.56	2.61								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-0.64	-1.03	-0.94	-1.13	-0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK HUDSON___FALLS		46.94	44.25	40.39	41.05	41.30	42.51	44.50	47.91	51.00	51.40	51.97	55.40	59.68	66.22	68.53	78.13	83.64	92.55	88.17	85.61	76.46	70.04	62.67	55.68								
24011		2.15	1.78	1.63	1.54	1.59	1.75	1.67	1.58	1.77	1.59	0.92	0.94	0.90	1.12	1.43	2.08	2.44	4.15	4.52	4.23	4.19	3.96	3.10	2.40								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.57	0.92	0.84	1.01	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK RESOURCE___RCVRY		46.85	44.12	40.31	40.97	41.22	42.39	44.37	47.81	50.90	51.25	51.87	55.35	59.57	66.10	68.34	77.99	83.40	92.47	88.17	85.61	76.53	69.91	62.73	55.63								
23798		2.06	1.65	1.55	1.46	1.51	1.63	1.54	1.48	1.67	1.45	0.82	0.88	0.77	0.99	1.23	1.92	2.19	4.07	4.51	4.23	4.26	3.83	3.16	2.34								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.56	0.91	0.82	0.99	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK S GLENS___FALLS		46.94	44.25	40.39	41.05	41.30	42.51	44.50	47.91	51.00	51.40	51.97	55.40	59.68	66.22	68.53	78.13	83.64	92.55	88.17	85.61	76.46	70.04	62.67	55.68								
24028		2.15	1.78	1.63	1.54	1.59	1.75	1.67	1.58	1.77	1.59	0.92	0.94	0.90	1.12	1.43	2.08	2.44	4.15	4.52	4.23	4.19	3.96	3.10	2.40								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.57	0.92	0.84	1.01	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ADK_NYS___DAM		46.59	44.12	40.35	41.01	41.22	42.47	44.76	48.00	50.95	51.20	51.98	55.09	59.08	65.79	68.11	78.05	84.53	93.26	88.00	84.88	75.45	68.65	61.54	54.73								
23527		1.79	1.65	1.59	1.50	1.51	1.71	1.93	1.67	1.72	1.39	1.18	1.32	1.43	1.71	2.24	2.99	3.33	4.86	4.35	3.50	3.18	2.57	1.96	1.44								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	1.27	2.05	1.86	2.24	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
AIR_PRODUCTS___DRP		44.84	42.43	38.88	39.63	39.80	40.88	42.87	46.15	49.03	49.51	50.57	53.96	58.35	64.79	67.14	76.28	81.45	89.55	84.49	81.71	72.49	66.21	59.22	52.86								
24190		0.04	-0.04	0.12	0.12	0.08	0.12	0.04	-0.19	-0.20	-0.30	-0.51	-0.61	-0.60	-0.46	-0.14	0.08	0.24	1.15	0.84	0.33	0.22	0.13	-0.36	-0.43								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.47	0.75	0.69	0.83	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
AKWESSNE_115KV_BK		44.35	42.00	38.37	39.15	39.56	40.51	42.62	46.61	49.38	49.91	51.41	55.09	59.82	65.94	67.43	76.25	80.31	86.01	81.81	80.57	71.69	65.68	59.82	53.50								
355683		-0.45	-0.47	-0.39	-0.36	-0.16	-0.24	-0.21	0.28	0.15	0.10	0.15	0.06	0.12	0.00	-0.68	-0.61	-0.89	-2.39	-1.84	-0.81	-0.58	-0.40	0.24	0.21								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		45.02	42.67	39.61	40.42	40.59	41.65	40.82	43.14	45.14	45.29	46.11	48.61	51.79	56.33	58.06	64.62	68.07	86.56	83.10	81.34	72.78	66.34	59.64	53.18								
323833		0.23	0.21	0.85	0.91	0.87	0.90	0.17	-0.09	-0.20	-0.50	-0.67	-0.77	-0.84	-0.79	-0.47	-0.23	-0.16	0.88	0.75	0.49	0.51	0.27	0.06	-0.11								
		0.00	0.02	0.00	0.00	0.00	0.00	2.18	3.10	3.90	4.02	4.47	5.66	7.08	8.82	9.58	12.02	12.97	2.72	1.31	0.53	0.00	0.00	0.00	0.00								
ALBANY_2_SOLAR		45.02	42.62	39.61	40.42	40.59	41.65	40.77	43.09	45.09	45.30	46.06	48.61	51.79	56.34	57.99	64.62	68.08	86.47	83.10	81.34	72.71	66.28	59.58	53.18								
323834		0.23	0.17	0.85	0.91	0.87	0.90	0.13	-0.14	-0.24	-0.50	-0.72	-0.77	-0.84	-0.79	-0.55	-0.23	-0.16	0.79	0.75	0.49	0.44	0.20	0.00	-0.11								
		0.00	0.02	0.00	0.00	0.00	0.00	2.18	3.10	3.90	4.02	4.47	5.66	7.07	8.81	9.57	12.02	12.96	2.72	1.31	0.53	0.00	0.00	0.00	0.00								
ALBANY___1		44.84	42.43	38.88	39.63	39.80	40.88	42.87	46.15	49.03	49.51	50.57	53.96	58.35	64.79	67.14	76.28	81.45	89.55	84.49	81.71	72.49	66.21	59.22	52.86								
23571		0.04	-0.04	0.12	0.12	0.08	0.12	0.04	-0.19	-0.20	-0.30	-0.51	-0.61	-0.60	-0.46	-0.14	0.08	0.24	1.15	0.84	0.33	0.22	0.13	-0.36	-0.43								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.47	0.75	0.69	0.83	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								

ALBANY___2 23572	44.84 0.04 0.00	42.43 -0.04 0.00	38.88 0.12 0.00	39.63 0.12 0.00	39.80 0.08 0.00	40.88 0.12 0.00	42.87 0.04 0.00	46.15 -0.19 0.00	49.03 -0.20 0.00	49.51 -0.30 0.00	50.57 -0.51 0.17	53.96 -0.61 0.47	58.35 -0.60 0.75	64.79 -0.46 0.69	67.14 -0.14 0.83	76.28 0.08 0.67	81.45 0.24 0.00	89.55 1.15 0.00	84.49 0.84 0.00	81.71 0.33 0.00	72.49 0.22 0.00	66.21 0.13 0.00	59.22 -0.36 0.00	52.86 -0.43 0.00
ALBANY___3 23573	44.84 0.04 0.00	42.43 -0.04 0.00	38.88 0.12 0.00	39.63 0.12 0.00	39.80 0.08 0.00	40.88 0.12 0.00	42.87 0.04 0.00	46.15 -0.19 0.00	49.03 -0.20 0.00	49.51 -0.30 0.00	50.57 -0.51 0.17	53.96 -0.61 0.47	58.35 -0.60 0.75	64.79 -0.46 0.69	67.14 -0.14 0.83	76.28 0.08 0.67	81.45 0.24 0.00	89.55 1.15 0.00	84.49 0.84 0.00	81.71 0.33 0.00	72.49 0.22 0.00	66.21 0.13 0.00	59.22 -0.36 0.00	52.86 -0.43 0.00
ALBANY___4 23574	44.84 0.04 0.00	42.43 -0.04 0.00	38.88 0.12 0.00	39.63 0.12 0.00	39.80 0.08 0.00	40.88 0.12 0.00	42.87 0.04 0.00	46.15 -0.19 0.00	49.03 -0.20 0.00	49.51 -0.30 0.00	50.57 -0.51 0.17	53.96 -0.61 0.47	58.35 -0.60 0.75	64.79 -0.46 0.69	67.14 -0.14 0.83	76.28 0.08 0.67	81.45 0.24 0.00	89.55 1.15 0.00	84.49 0.84 0.00	81.71 0.33 0.00	72.49 0.22 0.00	66.21 0.13 0.00	59.22 -0.36 0.00	52.86 -0.43 0.00
ALBANY___LFGE 323615	45.42 0.63 0.00	43.02 0.55 0.00	39.34 0.58 0.00	40.10 0.59 0.00	40.27 0.56 0.00	41.37 0.61 0.00	43.38 0.56 0.00	46.70 0.37 0.00	49.67 0.44 0.00	50.06 0.25 0.00	51.23 0.15 0.18	54.75 0.22 0.51	59.11 0.24 0.83	65.58 0.40 0.75	67.95 0.75 0.91	77.29 1.15 0.73	82.50 1.30 0.00	90.79 2.39 0.00	85.58 1.93 0.00	82.77 1.38 0.00	73.50 1.23 0.00	66.94 0.86 0.00	60.11 0.53 0.00	53.55 0.27 0.00
ALCOA_PA_115KV_PL-6C 55860	44.57 -0.22 0.00	42.21 -0.25 0.00	38.57 -0.19 0.00	39.35 -0.16 0.00	39.76 0.04 0.00	40.72 -0.04 0.00	42.83 0.00 0.00	46.89 0.56 0.00	49.67 0.44 0.00	50.16 0.35 0.00	51.66 0.41 0.00	55.37 0.33 0.00	60.00 0.30 0.00	66.14 0.20 0.00	67.56 -0.54 0.00	76.33 -0.54 0.00	80.39 -0.81 0.00	85.39 -3.01 0.00	81.73 -1.92 0.00	80.81 -0.57 0.00	71.91 -0.36 0.00	65.95 -0.13 0.00	60.05 0.48 0.00	53.77 0.48 0.00
ALCOA_RYNLDS___DRP 24188	44.57 -0.22 0.00	42.21 -0.25 0.00	38.57 -0.19 0.00	39.35 -0.16 0.00	39.76 0.04 0.00	40.72 -0.04 0.00	42.83 0.00 0.00	46.89 0.56 0.00	49.67 0.44 0.00	50.16 0.35 0.00	51.66 0.41 0.00	55.37 0.33 0.00	60.00 0.30 0.00	66.14 0.20 0.00	67.56 -0.54 0.00	76.33 -0.54 0.00	80.39 -0.81 0.00	85.39 -3.01 0.00	81.73 -1.92 0.00	80.81 -0.57 0.00	71.91 -0.36 0.00	65.95 -0.13 0.00	60.05 0.48 0.00	53.77 0.48 0.00
ALCOA___DSASP 323711	44.57 -0.22 0.00	42.22 -0.25 0.00	38.57 -0.19 0.00	39.35 -0.16 0.00	39.72 0.00 0.00	40.72 -0.04 0.00	42.83 0.00 0.00	46.89 0.56 0.00	49.77 0.54 0.00	50.31 0.50 0.00	51.66 0.41 0.00	55.43 0.39 0.00	60.00 0.30 0.00	66.20 0.26 0.00	67.49 -0.61 0.00	76.25 -0.62 0.00	80.31 -0.89 0.00	85.30 -3.10 0.00	82.15 -1.50 0.00	80.90 -0.49 0.00	71.84 -0.43 0.00	66.34 0.27 0.00	60.05 0.47 0.00	53.76 0.48 0.00
ALLEGHENY___COGEN 23514	48.29 3.50 0.00	45.91 3.44 0.00	41.32 2.56 0.00	41.68 2.17 0.00	41.90 2.18 0.00	42.96 2.20 0.00	45.18 2.35 0.00	47.44 1.11 0.00	50.21 0.98 0.00	51.10 1.29 0.00	52.79 1.54 0.00	56.69 1.65 0.00	59.58 -0.12 0.00	65.15 -0.79 0.00	68.18 0.07 0.00	75.72 -1.15 0.00	81.53 0.33 0.00	90.52 2.12 0.00	87.17 3.51 0.00	84.72 3.34 0.00	75.38 3.11 0.00	68.79 2.71 0.00	62.67 3.10 0.00	58.08 4.80 0.00
ALTAMONT_115KV_TB 2 55880	45.51 0.72 0.00	43.11 0.64 0.00	39.50 0.74 0.00	40.30 0.79 0.00	40.43 0.71 0.00	41.53 0.77 0.00	43.64 0.69 -0.13	47.02 0.51 -0.18	50.00 0.54 -0.22	50.44 0.40 -0.23	51.65 0.26 -0.14	55.32 0.28 0.00	59.95 0.36 0.11	66.50 0.53 -0.04	68.97 0.89 0.02	78.25 1.15 -0.23	83.33 1.38 -0.75	90.77 2.21 -0.16	85.65 1.92 -0.08	82.88 1.46 -0.03	73.50 1.23 0.00	67.14 1.06 0.00	60.11 0.54 0.00	53.71 0.43 0.00
ALTONA_WT_PWR 323606	44.12 -0.67 0.00	41.75 -0.72 0.00	38.14 -0.62 0.00	38.96 -0.55 0.00	39.32 -0.40 0.00	40.31 -0.45 0.00	42.40 -0.43 0.00	46.19 -0.14 0.00	49.08 -0.15 0.00	49.56 -0.25 0.00	50.58 -0.67 0.00	53.88 -1.16 0.00	58.44 -1.26 0.00	64.62 -1.32 0.00	65.92 -2.18 0.00	74.56 -2.30 0.00	78.44 -2.76 0.00	84.25 -4.15 0.00	80.39 -3.26 0.00	79.19 -2.19 0.00	70.32 -1.95 0.00	64.89 -1.19 0.00	58.62 -0.96 0.00	52.38 -0.91 0.00
AMERICAN_REF_FUEL 24010	45.37 0.58 0.00	43.62 1.15 0.00	39.26 0.50 0.00	39.39 -0.12 0.00	39.64 -0.08 0.00	40.47 -0.28 0.00	42.62 -0.21 0.00	43.92 -2.41 0.00	47.46 -1.77 0.00	48.96 -0.85 0.00	51.00 -0.25 0.00	54.93 -0.11 0.00	59.70 0.00 0.00	64.68 -1.25 0.00	67.29 -0.81 0.00	74.02 -2.84 0.00	80.23 -0.97 0.00	87.78 -0.61 0.00	83.24 -0.42 0.00	79.10 -2.28 0.00	69.89 -2.38 0.00	63.70 -2.38 0.00	58.92 -0.65 0.00	53.87 0.59 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	47.08 2.28 0.00	45.06 2.59 0.00	40.54 1.78 0.00	40.66 1.15 0.00	40.95 1.23 0.00	41.86 1.10 0.00	44.33 1.50 0.00	46.33 0.00 0.00	50.12 0.89 0.00	51.65 1.84 0.00	53.86 2.61 0.00	58.06 3.03 0.00	63.10 3.40 0.00	68.64 2.70 0.00	71.24 3.13 0.00	78.56 1.69 0.00	85.10 3.90 0.00	92.99 4.59 0.00	88.00 4.35 0.00	83.74 2.36 0.00	73.86 1.59 0.00	67.20 1.12 0.00	62.14 2.56 0.00	56.38 3.09 0.00
ARTHUR KILL_GT_1 23520	48.24 3.45 0.00	45.70 3.23 0.00	41.71 2.95 0.00	42.31 2.81 0.00	42.34 2.62 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.69 2.36 0.00	50.37 2.26 1.13	50.42 2.29 1.68	50.53 2.31 3.03	52.03 2.31 5.32	54.63 2.63 7.69	60.74 3.30 8.49	65.17 4.15 7.09	78.36 5.23 3.74	82.48 5.68 4.41	91.16 7.34 4.58	84.35 6.36 5.66	74.04 4.80 12.14	65.25 3.90 10.92	59.12 2.78 9.74	52.90 1.49 8.17	51.38 1.81 3.72
ARTHUR_KILL_2 23512	47.88 3.09 0.00	45.66 3.19 0.00	41.55 2.79 0.00	42.20 2.69 0.00	42.22 2.50 0.00	43.08 2.32 0.00	45.61 2.78 0.00	48.51 2.18 0.00	50.12 2.02 1.13	50.12 1.99 1.68	50.42 2.20 3.03	52.08 2.37 5.32	54.46 2.45 7.69	60.48 3.03 8.49	64.90 3.88 7.09	78.20 5.07 3.74	82.07 5.28 4.41	90.80 6.98 4.58	83.93 5.94 5.66	73.63 4.39 12.14	64.96 3.61 10.92	58.46 2.11 9.74	52.72 1.31 8.17	51.16 1.60 3.72
ARTHUR_KILL_3 23513	47.39 2.60 0.00	45.06 2.59 0.00	41.12 2.36 0.00	41.80 2.29 0.00	41.86 2.14 0.00	42.96 2.20 0.00	45.49 2.66 0.00	48.79 2.45 0.00	50.62 2.51 1.12	50.62 2.49 1.68	50.79 2.56 3.02	52.42 2.70 5.31	54.94 2.92 7.69	60.75 3.30 8.48	65.25 4.22 7.08	78.50 5.38 3.75	82.63 5.85 4.42	91.32 7.51 4.59	84.26 6.28 5.67	73.95 4.72 12.15	65.24 3.90 10.93	58.71 2.38 9.74	53.13 1.73 8.18	51.31 1.76 3.73

ARTHUR_KILL_COGEN 323718	48.06 3.27 0.00	45.82 3.35 0.00	41.70 2.94 0.00	42.31 2.81 0.00	42.38 2.66 0.00	43.24 2.49 0.00	45.78 2.95 0.00	48.69 2.36 0.00	50.32 2.22 1.13	50.31 2.19 1.68	50.63 2.41 3.03	52.36 2.64 5.32	54.70 2.69 7.69	60.74 3.30 8.49	65.24 4.22 7.09	78.51 5.38 3.74	82.47 5.68 4.41	91.25 7.43 4.58	84.35 6.35 5.66	74.04 4.80 12.14	65.32 3.97 10.92	58.79 2.45 9.74	52.96 1.55 8.17	51.38 1.81 3.72
ASHOKAN____ 23654	46.85 2.06 0.00	44.83 2.38 0.02	40.46 1.70 0.00	41.17 1.66 0.00	41.26 1.55 0.00	42.31 1.55 0.00	43.45 2.66 2.04	45.80 2.36 2.89	48.06 2.46 3.63	48.46 2.39 3.74	49.54 2.36 4.07	52.64 2.59 4.99	56.49 2.92 6.14	61.70 3.56 7.80	64.11 4.42 8.42	71.61 5.54 10.80	75.29 6.17 12.09	94.44 8.57 2.54	90.39 7.95 1.22	87.73 6.84 0.49	75.88 3.61 0.00	68.85 2.77 0.00	61.90 2.32 0.00	55.31 2.02 0.00
ASTORIA_EAST_ENERGY_CC1 323581	47.94 3.13 -0.01	45.58 3.10 -0.01	41.56 2.79 -0.01	42.21 2.69 -0.01	42.26 2.54 0.00	43.04 2.28 0.00	45.57 2.74 0.00	48.65 2.32 0.00	51.49 2.27 0.01	52.04 2.24 0.01	53.94 2.46 -0.23	58.15 2.48 -0.63	63.17 2.45 -1.03	69.90 3.03 -0.93	73.18 3.95 -1.13	82.85 5.07 -0.91	86.72 5.52 0.01	95.64 7.25 0.01	89.83 6.19 0.01	86.09 4.72 0.01	76.23 3.97 0.01	68.65 2.57 0.01	61.23 1.67 0.01	55.52 2.24 0.00
ASTORIA_EAST_ENERGY_CC2 323582	47.94 3.13 -0.01	45.58 3.10 -0.01	41.56 2.79 -0.01	42.21 2.69 -0.01	42.26 2.54 0.00	43.04 2.28 0.00	45.57 2.74 0.00	48.65 2.32 0.00	51.49 2.27 0.01	52.04 2.24 0.01	53.94 2.46 -0.23	58.15 2.48 -0.63	63.17 2.45 -1.03	69.90 3.03 -0.93	73.18 3.95 -1.13	82.85 5.07 -0.91	86.72 5.52 0.01	95.64 7.25 0.01	89.83 6.19 0.01	86.09 4.72 0.01	76.23 3.97 0.01	68.65 2.57 0.01	61.23 1.67 0.01	55.52 2.24 0.00
ASTORIA_GT2_1 24094	47.98 3.18 -0.01	45.45 2.97 -0.01	41.60 2.83 -0.01	42.24 2.73 -0.01	42.18 2.46 0.00	43.16 2.40 0.00	45.61 2.78 0.00	48.69 2.36 0.00	51.59 2.36 0.00	52.15 2.34 0.00	53.89 2.41 -0.23	57.88 2.20 -0.64	63.11 2.39 -1.03	69.97 3.10 -0.93	73.11 3.88 -1.13	82.69 4.92 -0.91	86.72 5.52 0.01	95.55 7.16 0.01	90.00 6.36 0.01	86.18 4.80 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.24 1.67 0.01	55.52 2.24 0.00
ASTORIA_GT2_2 24095	47.98 3.18 -0.01	45.45 2.97 -0.01	41.60 2.83 -0.01	42.24 2.73 -0.01	42.18 2.46 0.00	43.16 2.40 0.00	45.61 2.78 0.00	48.69 2.36 0.00	51.59 2.36 0.00	52.15 2.34 0.00	53.89 2.41 -0.23	57.88 2.20 -0.64	63.11 2.39 -1.03	69.97 3.10 -0.93	73.11 3.88 -1.13	82.69 4.92 -0.91	86.72 5.52 0.01	95.55 7.16 0.01	90.00 6.36 0.01	86.18 4.80 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.24 1.67 0.01	55.52 2.24 0.00
ASTORIA_GT2_3 24096	47.98 3.18 -0.01	45.45 2.97 -0.01	41.60 2.83 -0.01	42.24 2.73 -0.01	42.18 2.46 0.00	43.16 2.40 0.00	45.61 2.78 0.00	48.69 2.36 0.00	51.59 2.36 0.00	52.15 2.34 0.00	53.89 2.41 -0.23	57.88 2.20 -0.64	63.11 2.39 -1.03	69.97 3.10 -0.93	73.11 3.88 -1.13	82.69 4.92 -0.91	86.72 5.52 0.01	95.55 7.16 0.01	90.00 6.36 0.01	86.18 4.80 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.24 1.67 0.01	55.52 2.24 0.00
ASTORIA_GT2_4 24097	47.98 3.18 -0.01	45.45 2.97 -0.01	41.60 2.83 -0.01	42.24 2.73 -0.01	42.18 2.46 0.00	43.16 2.40 0.00	45.61 2.78 0.00	48.69 2.36 0.00	51.59 2.36 0.00	52.15 2.34 0.00	53.89 2.41 -0.23	57.88 2.20 -0.64	63.11 2.39 -1.03	69.97 3.10 -0.93	73.11 3.88 -1.13	82.69 4.92 -0.91	86.72 5.52 0.01	95.55 7.16 0.01	90.00 6.36 0.01	86.18 4.80 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.24 1.67 0.01	55.52 2.24 0.00
ASTORIA_GT3_1 24098	47.98 3.18 -0.01	45.45 2.97 -0.01	41.60 2.83 -0.01	42.24 2.73 -0.01	42.18 2.46 0.00	43.16 2.40 0.00	45.61 2.78 0.00	48.69 2.36 0.00	51.59 2.36 0.00	52.15 2.34 0.00	53.89 2.41 -0.23	57.88 2.20 -0.64	63.11 2.39 -1.03	69.97 3.10 -0.93	73.11 3.88 -1.13	82.69 4.92 -0.91	86.72 5.52 0.01	95.55 7.16 0.01	90.00 6.36 0.01	86.18 4.80 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.24 1.67 0.01	55.52 2.24 0.00
ASTORIA_GT3_2 24099	47.98 3.18 -0.01	45.45 2.97 -0.01	41.60 2.83 -0.01	42.24 2.73 -0.01	42.18 2.46 0.00	43.16 2.40 0.00	45.61 2.78 0.00	48.69 2.36 0.00	51.59 2.36 0.00	52.15 2.34 0.00	53.89 2.41 -0.23	57.88 2.20 -0.64	63.11 2.39 -1.03	69.97 3.10 -0.93	73.11 3.88 -1.13	82.69 4.92 -0.91	86.72 5.52 0.01	95.55 7.16 0.01	90.00 6.36 0.01	86.18 4.80 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.24 1.67 0.01	55.52 2.24 0.00
ASTORIA_GT3_3 24100	47.98 3.18 -0.01	45.45 2.97 -0.01	41.60 2.83 -0.01	42.24 2.73 -0.01	42.18 2.46 0.00	43.16 2.40 0.00	45.61 2.78 0.00	48.69 2.36 0.00	51.59 2.36 0.00	52.15 2.34 0.00	53.89 2.41 -0.23	57.88 2.20 -0.64	63.11 2.39 -1.03	69.97 3.10 -0.93	73.11 3.88 -1.13	82.69 4.92 -0.91	86.72 5.52 0.01	95.55 7.16 0.01	90.00 6.36 0.01	86.18 4.80 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.24 1.67 0.01	55.52 2.24 0.00
ASTORIA_GT3_4 24101	47.98 3.18 -0.01	45.45 2.97 -0.01	41.60 2.83 -0.01	42.24 2.73 -0.01	42.18 2.46 0.00	43.16 2.40 0.00	45.61 2.78 0.00	48.69 2.36 0.00	51.59 2.36 0.00	52.15 2.34 0.00	53.89 2.41 -0.23	57.88 2.20 -0.64	63.11 2.39 -1.03	69.97 3.10 -0.93	73.11 3.88 -1.13	82.69 4.92 -0.91	86.72 5.52 0.01	95.55 7.16 0.01	90.00 6.36 0.01	86.18 4.80 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.24 1.67 0.01	55.52 2.24 0.00
ASTORIA_GT4_1 24102	47.98 3.18 -0.01	45.45 2.97 -0.01	41.60 2.83 -0.01	42.24 2.73 -0.01	42.18 2.46 0.00	43.16 2.40 0.00	45.61 2.78 0.00	48.69 2.36 0.00	51.59 2.36 0.00	52.15 2.34 0.00	53.89 2.41 -0.23	57.88 2.20 -0.64	63.11 2.39 -1.03	69.97 3.10 -0.93	73.11 3.88 -1.13	82.69 4.92 -0.91	86.72 5.52 0.01	95.55 7.16 0.01	90.00 6.36 0.01	86.18 4.80 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.24 1.67 0.01	55.52 2.24 0.00
ASTORIA_GT4_2 24103	47.98 3.18 -0.01	45.45 2.97 -0.01	41.60 2.83 -0.01	42.24 2.73 -0.01	42.18 2.46 0.00	43.16 2.40 0.00	45.61 2.78 0.00	48.69 2.36 0.00	51.59 2.36 0.00	52.15 2.34 0.00	53.89 2.41 -0.23	57.88 2.20 -0.64	63.11 2.39 -1.03	69.97 3.10 -0.93	73.11 3.88 -1.13	82.69 4.92 -0.91	86.72 5.52 0.01	95.55 7.16 0.01	90.00 6.36 0.01	86.18 4.80 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.24 1.67 0.01	55.52 2.24 0.00
ASTORIA_GT4_3 24104	47.98 3.18 -0.01	45.45 2.97 -0.01	41.60 2.83 -0.01	42.24 2.73 -0.01	42.18 2.46 0.00	43.16 2.40 0.00	45.61 2.78 0.00	48.69 2.36 0.00	51.59 2.36 0.00	52.15 2.34 0.00	53.89 2.41 -0.23	57.88 2.20 -0.64	63.11 2.39 -1.03	69.97 3.10 -0.93	73.11 3.88 -1.13	82.69 4.92 -0.91	86.72 5.52 0.01	95.55 7.16 0.01	90.00 6.36 0.01	86.18 4.80 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.24 1.67 0.01	55.52 2.24 0.00

ASTORIA_GT4_4 24105	47.98 3.18 -0.01	45.45 2.97 -0.01	41.60 2.83 -0.01	42.24 2.73 -0.01	42.18 2.46 0.00	43.16 2.40 0.00	45.61 2.78 0.00	48.69 2.36 0.00	51.59 2.36 0.00	52.15 2.34 0.00	53.89 2.41 -0.23	57.88 2.20 -0.64	63.11 2.39 -1.03	69.97 3.10 -0.93	73.11 3.88 -1.13	82.69 4.92 -0.91	86.72 5.52 0.01	95.55 7.16 0.01	90.00 6.36 0.01	86.18 4.80 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.24 1.67 0.01	55.52 2.24 0.00
ASTORIA_GT_1 23523	48.07 3.27 -0.01	45.58 3.10 -0.01	41.67 2.91 -0.01	42.32 2.81 -0.01	42.26 2.54 0.00	43.24 2.49 0.00	45.70 2.87 0.00	48.79 2.46 0.00	51.74 2.51 0.00	52.30 2.49 0.00	53.99 2.51 -0.23	58.05 2.37 -0.64	63.29 2.57 -1.03	70.17 3.30 -0.93	73.39 4.15 -1.13	82.92 5.15 -0.91	86.96 5.77 0.01	95.82 7.43 0.01	90.25 6.61 0.01	86.42 5.05 0.01	76.45 4.19 0.01	69.18 3.11 0.01	61.36 1.79 0.01	55.68 2.40 0.00
ASTORIA_GT_10 24110	47.84 3.05 0.00	45.32 2.85 0.00	41.47 2.71 0.00	42.12 2.61 0.00	42.10 2.38 0.00	43.20 2.45 0.00	45.70 2.87 0.00	48.93 2.59 0.00	51.94 2.71 0.00	52.50 2.69 0.00	54.19 2.72 -0.23	58.27 2.59 -0.64	63.59 2.87 -1.03	70.30 3.43 -0.93	73.45 4.22 -1.13	83.08 5.30 -0.91	87.12 5.93 0.01	95.91 7.51 0.01	90.17 6.52 0.01	86.26 4.88 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.36 1.79 0.01	55.42 2.13 0.00
ASTORIA_GT_11 24225	47.84 3.05 0.00	45.32 2.85 0.00	41.47 2.71 0.00	42.12 2.61 0.00	42.10 2.38 0.00	43.20 2.45 0.00	45.70 2.87 0.00	48.93 2.59 0.00	51.94 2.71 0.00	52.50 2.69 0.00	54.19 2.72 -0.23	58.27 2.59 -0.64	63.59 2.87 -1.03	70.30 3.43 -0.93	73.45 4.22 -1.13	83.08 5.30 -0.91	87.12 5.93 0.01	95.91 7.51 0.01	90.17 6.52 0.01	86.26 4.88 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.36 1.79 0.01	55.42 2.13 0.00
ASTORIA_GT_12 24226	47.84 3.05 0.00	45.32 2.85 0.00	41.47 2.71 0.00	42.12 2.61 0.00	42.10 2.38 0.00	43.20 2.45 0.00	45.70 2.87 0.00	48.93 2.59 0.00	51.94 2.71 0.00	52.50 2.69 0.00	54.19 2.72 -0.23	58.27 2.59 -0.64	63.59 2.87 -1.03	70.30 3.43 -0.93	73.45 4.22 -1.13	83.08 5.30 -0.91	87.12 5.93 0.01	95.91 7.51 0.01	90.17 6.52 0.01	86.26 4.88 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.36 1.79 0.01	55.42 2.13 0.00
ASTORIA_GT_13 24227	47.84 3.05 0.00	45.32 2.85 0.00	41.47 2.71 0.00	42.12 2.61 0.00	42.10 2.38 0.00	43.20 2.45 0.00	45.70 2.87 0.00	48.93 2.59 0.00	51.94 2.71 0.00	52.50 2.69 0.00	54.19 2.72 -0.23	58.27 2.59 -0.64	63.59 2.87 -1.03	70.30 3.43 -0.93	73.45 4.22 -1.13	83.08 5.30 -0.91	87.12 5.93 0.01	95.91 7.51 0.01	90.17 6.52 0.01	86.26 4.88 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.36 1.79 0.01	55.42 2.13 0.00
ASTORIA_GT_5 24106	48.07 3.27 -0.01	45.58 3.10 -0.01	41.67 2.91 -0.01	42.32 2.81 -0.01	42.26 2.54 0.00	43.24 2.49 0.00	45.70 2.87 0.00	48.79 2.46 0.00	51.74 2.51 0.00	52.30 2.49 0.00	53.99 2.51 -0.23	58.05 2.37 -0.64	63.29 2.57 -1.03	70.17 3.30 -0.93	73.39 4.15 -1.13	82.92 5.15 -0.91	86.96 5.77 0.01	95.82 7.43 0.01	90.25 6.61 0.01	86.42 5.05 0.01	76.45 4.19 0.01	69.18 3.11 0.01	61.36 1.79 0.01	55.68 2.40 0.00
ASTORIA_GT_7 24107	48.07 3.27 -0.01	45.58 3.10 -0.01	41.67 2.91 -0.01	42.32 2.81 -0.01	42.26 2.54 0.00	43.24 2.49 0.00	45.70 2.87 0.00	48.79 2.46 0.00	51.74 2.51 0.00	52.30 2.49 0.00	53.99 2.51 -0.23	58.05 2.37 -0.64	63.29 2.57 -1.03	70.17 3.30 -0.93	73.39 4.15 -1.13	82.92 5.15 -0.91	86.96 5.77 0.01	95.82 7.43 0.01	90.25 6.61 0.01	86.42 5.05 0.01	76.45 4.19 0.01	69.18 3.11 0.01	61.36 1.79 0.01	55.68 2.40 0.00
ASTORIA_GT_8 24108	48.07 3.27 -0.01	45.58 3.10 -0.01	41.67 2.91 -0.01	42.32 2.81 -0.01	42.26 2.54 0.00	43.24 2.49 0.00	45.70 2.87 0.00	48.79 2.46 0.00	51.74 2.51 0.00	52.30 2.49 0.00	53.99 2.51 -0.23	58.05 2.37 -0.64	63.29 2.57 -1.03	70.17 3.30 -0.93	73.39 4.15 -1.13	82.92 5.15 -0.91	86.96 5.77 0.01	95.82 7.43 0.01	90.25 6.61 0.01	86.42 5.05 0.01	76.45 4.19 0.01	69.18 3.11 0.01	61.36 1.79 0.01	55.68 2.40 0.00
ASTORIA___2 24149	47.94 3.13 -0.01	45.58 3.10 -0.01	41.60 2.83 -0.01	42.24 2.72 -0.01	42.26 2.54 0.00	43.04 2.28 0.00	45.61 2.78 0.00	48.69 2.36 0.00	51.54 2.31 0.01	52.04 2.24 0.01	53.94 2.46 -0.23	58.20 2.53 -0.63	63.23 2.51 -1.03	69.97 3.10 -0.93	73.18 3.95 -1.13	82.85 5.07 -0.91	86.72 5.52 0.01	95.64 7.25 0.01	89.92 6.28 0.01	86.18 4.80 0.01	76.31 4.04 0.01	68.65 2.57 0.01	61.30 1.73 0.01	55.58 2.29 0.00
ASTORIA___3 23516	47.79 3.00 0.00	45.44 2.97 0.00	41.47 2.71 0.00	42.12 2.61 0.00	42.18 2.46 0.00	43.12 2.36 0.00	45.70 2.87 0.00	48.92 2.59 0.00	51.84 2.61 0.00	52.40 2.59 0.00	54.24 2.77 -0.23	58.59 2.92 -0.64	63.65 2.92 -1.03	70.30 3.43 -0.93	73.53 4.29 -1.13	83.23 5.46 -0.91	87.12 5.92 0.01	96.00 7.60 0.01	90.09 6.44 0.01	86.26 4.88 0.01	76.31 4.04 0.01	68.58 2.51 0.01	61.42 1.85 0.01	55.42 2.13 0.00
ASTORIA___4 23517	47.84 3.05 0.00	45.32 2.85 0.00	41.47 2.71 0.00	42.12 2.61 0.00	42.10 2.38 0.00	43.20 2.45 0.00	45.70 2.87 0.00	48.93 2.59 0.00	51.94 2.71 0.00	52.50 2.69 0.00	54.19 2.72 -0.23	58.27 2.59 -0.64	63.59 2.87 -1.03	70.30 3.43 -0.93	73.45 4.22 -1.13	83.08 5.30 -0.91	87.12 5.93 0.01	95.91 7.51 0.01	90.17 6.52 0.01	86.26 4.88 0.01	76.24 3.97 0.01	68.91 2.84 0.01	61.36 1.79 0.01	55.42 2.13 0.00
ASTORIA___5 23518	47.79 3.00 0.00	45.44 2.97 0.00	41.47 2.71 0.00	42.12 2.61 0.00	42.18 2.46 0.00	43.12 2.36 0.00	45.70 2.87 0.00	48.92 2.59 0.00	51.84 2.61 0.00	52.40 2.59 0.00	54.24 2.77 -0.23	58.59 2.92 -0.64	63.71 2.98 -1.03	70.30 3.43 -0.93	73.53 4.29 -1.13	83.31 5.54 -0.91	87.12 5.92 0.01	96.00 7.60 0.01	90.09 6.44 0.01	86.26 4.88 0.01	76.31 4.04 0.01	68.58 2.51 0.01	61.42 1.85 0.01	55.42 2.13 0.00
AST_ENERGY_2_CC3 323677	37.18 2.82 10.44	37.18 2.76 8.05	37.18 2.52 4.10	37.18 2.45 4.78	37.18 2.30 4.84	37.18 2.32 5.90	37.18 2.78 8.43	37.18 2.59 11.74	37.18 2.71 14.76	37.18 2.64 15.27	38.57 2.77 15.45	38.57 2.97 19.44	40.67 3.22 22.25	46.76 3.62 22.81	50.97 4.56 21.70	64.29 5.77 18.34	68.42 6.25 19.04	77.11 7.96 19.25	70.05 6.69 20.30	62.16 5.13 24.36	52.21 4.26 24.33	44.50 2.71 24.29	39.55 2.03 22.05	38.57 2.02 16.74
AST_ENERGY_2_CC4 323678	37.18 2.82 10.44	37.18 2.76 8.05	37.18 2.52 4.10	37.18 2.45 4.78	37.18 2.30 4.84	37.18 2.32 5.90	37.18 2.78 8.43	37.18 2.59 11.74	37.18 2.71 14.76	37.18 2.64 15.27	38.57 2.77 15.45	38.57 2.97 19.44	40.67 3.22 22.25	46.76 3.62 22.81	50.97 4.56 21.70	64.29 5.77 18.34	68.42 6.25 19.04	77.11 7.96 19.25	70.05 6.69 20.30	62.16 5.13 24.36	52.21 4.26 24.33	44.50 2.71 24.29	39.55 2.03 22.05	38.57 2.02 16.74

ATHENS_STG_1 23668	45.96	43.62	39.88	40.74	40.83	41.86	43.99	47.26	50.16	50.66	52.16	56.29	61.20	67.57	70.41	79.54	83.72	91.94	86.58	83.58	74.22	67.33	60.41	53.98
	1.16	1.15	1.12	1.23	1.11	1.10	1.16	0.93	0.93	0.85	0.82	0.99	1.08	1.25	1.84	2.30	2.52	3.54	2.93	2.20	1.95	1.25	0.83	0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.26	-0.42	-0.38	-0.46	-0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	45.96	43.62	39.88	40.74	40.83	41.86	43.99	47.26	50.16	50.66	52.16	56.29	61.20	67.57	70.41	79.54	83.72	91.94	86.58	83.58	74.22	67.33	60.41	53.98
	1.16	1.15	1.12	1.23	1.11	1.10	1.16	0.93	0.93	0.85	0.82	0.99	1.08	1.25	1.84	2.30	2.52	3.54	2.93	2.20	1.95	1.25	0.83	0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.26	-0.42	-0.38	-0.46	-0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	45.96	43.62	39.88	40.74	40.83	41.86	43.99	47.26	50.16	50.66	52.16	56.29	61.20	67.57	70.41	79.54	83.72	91.94	86.58	83.58	74.22	67.33	60.41	53.98
	1.16	1.15	1.12	1.23	1.11	1.10	1.16	0.93	0.93	0.85	0.82	0.99	1.08	1.25	1.84	2.30	2.52	3.54	2.93	2.20	1.95	1.25	0.83	0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.26	-0.42	-0.38	-0.46	-0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN____LFGE 323710	45.69	43.40	39.34	39.94	40.11	41.21	43.30	46.61	49.91	51.03	52.32	56.65	61.75	68.48	69.47	78.10	82.83	90.87	86.16	84.28	73.72	68.08	60.72	54.19
	0.90	0.93	0.58	0.43	0.40	0.45	0.47	0.28	0.49	0.65	0.77	0.99	1.01	0.99	1.36	1.23	1.62	2.48	2.51	1.79	1.45	1.45	1.01	0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-0.58	-0.30	-0.62	-1.04	-1.55	0.00	0.00	0.00	0.00	0.00	-1.11	0.00	-0.54	-0.13	0.00
BABYLON_RES_REC 323704	47.39	45.66	42.13	42.67	42.70	43.57	45.44	47.39	48.33	49.27	51.46	58.08	63.76	71.16	77.77	88.63	88.52	100.31	95.08	87.57	77.03	68.59	52.84	49.20
	2.60	3.19	3.37	3.16	2.98	2.81	2.61	1.62	1.72	1.64	1.90	2.59	3.34	4.28	5.72	6.99	7.31	9.64	8.45	6.18	4.84	2.51	1.31	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56	2.62	2.18	1.68	-0.45	-0.72	-0.94	-3.95	-4.77	0.00	-2.27	-2.99	0.00	0.09	0.00	8.05	5.36
BALL_HILL_WT_PWR 323825	46.36	44.42	39.96	40.14	40.39	41.25	43.60	45.59	49.28	50.80	52.94	57.08	62.03	67.39	70.01	77.18	83.56	91.41	86.50	82.28	72.63	66.14	61.12	55.52
	1.57	1.95	1.20	0.63	0.67	0.49	0.77	-0.74	0.05	1.00	1.69	2.04	2.33	1.45	1.90	0.31	2.36	3.01	2.85	0.90	0.36	0.07	1.55	2.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARON_WINDS____WT_PWR 323822	46.36	44.21	39.96	40.34	40.59	41.57	43.73	46.15	49.33	50.36	52.28	56.41	61.13	66.86	69.60	77.33	82.99	91.05	86.33	83.01	73.79	67.13	61.24	55.42
	1.57	1.74	1.20	0.83	0.87	0.81	0.90	-0.18	0.10	0.55	1.02	1.38	1.43	0.92	1.50	0.46	1.78	2.65	2.68	1.63	1.52	1.05	1.67	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_1 23704	47.22	45.40	41.79	42.39	42.42	43.37	45.27	47.83	50.68	51.20	53.13	57.99	63.72	70.63	108.22	130.35	87.46	96.81	106.39	86.51	76.46	68.19	60.16	54.05
	2.42	2.93	3.03	2.88	2.70	2.61	2.44	1.53	1.57	1.49	1.74	2.31	2.98	3.76	5.11	6.07	6.25	8.40	7.27	5.13	4.19	2.11	0.95	1.01
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.10	-0.14	-0.64	-1.03	-0.94	-35.00	-47.42	0.00	-0.01	-15.47	0.00	0.00	0.00	0.37	0.25
BARRETT_IC_10 23701	47.22	45.40	41.79	42.39	42.42	43.37	45.27	47.83	50.68	51.20	53.13	57.99	63.72	70.63	84.71	98.06	87.46	96.79	95.64	86.51	76.46	68.19	60.16	54.05
	2.42	2.93	3.03	2.88	2.70	2.61	2.44	1.53	1.57	1.49	1.74	2.31	2.98	3.76	5.11	6.07	6.25	8.40	7.27	5.13	4.19	2.11	0.95	1.01
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.10	-0.14	-0.64	-1.03	-0.94	-11.49	-15.12	0.00	0.01	-4.72	0.00	0.00	0.00	0.37	0.25
BARRETT_IC_11 23702	47.22	45.40	41.79	42.39	42.42	43.37	45.27	47.83	50.68	51.20	53.13	57.99	63.72	70.63	84.71	98.06	87.46	96.79	95.64	86.51	76.46	68.19	60.16	54.05
	2.42	2.93	3.03	2.88	2.70	2.61	2.44	1.53	1.57	1.49	1.74	2.31	2.98	3.76	5.11	6.07	6.25	8.40	7.27	5.13	4.19	2.11	0.95	1.01
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.10	-0.14	-0.64	-1.03	-0.94	-11.49	-15.12	0.00	0.01	-4.72	0.00	0.00	0.00	0.37	0.25
BARRETT_IC_12 23703	47.22	45.40	41.79	42.39	42.42	43.37	45.27	47.83	50.68	51.20	53.13	57.99	63.72	70.63	84.71	98.06	87.46	96.79	95.64	86.51	76.46	68.19	60.16	54.05
	2.42	2.93	3.03	2.88	2.70	2.61	2.44	1.53	1.57	1.49	1.74	2.31	2.98	3.76	5.11	6.07	6.25	8.40	7.27	5.13	4.19	2.11	0.95	1.01
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.10	-0.14	-0.64	-1.03	-0.94	-11.49	-15.12	0.00	0.01	-4.72	0.00	0.00	0.00	0.37	0.25
BARRETT_IC_2 23705	47.22	45.40	41.79	42.39	42.42	43.37	45.27	47.83	50.68	51.20	53.13	57.99	63.72	70.63	108.22	130.35	87.46	96.81	106.39	86.51	76.46	68.19	60.16	54.05
	2.42	2.93	3.03	2.88	2.70	2.61	2.44	1.53	1.57	1.49	1.74	2.31	2.98	3.76	5.11	6.07	6.25	8.40	7.27	5.13	4.19	2.11	0.95	1.01
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.10	-0.14	-0.64	-1.03	-0.94	-35.00	-47.42	0.00	-0.01	-15.47	0.00	0.00	0.00	0.37	0.25
BARRETT_IC_3 23706	47.22	45.40	41.79	42.39	42.42	43.37	45.27	47.83	50.68	51.20	53.13	57.99	63.72	70.63	108.22	130.35	87.46	96.81	106.39	86.51	76.46	68.19	60.16	54.05
	2.42	2.93	3.03	2.88	2.70	2.61	2.44	1.53	1.57	1.49	1.74	2.31	2.98	3.76	5.11	6.07	6.25	8.40	7.27	5.13	4.19	2.11	0.95	1.01
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.10	-0.14	-0.64	-1.03	-0.94	-35.00	-47.42	0.00	-0.01	-15.47	0.00	0.00	0.00	0.37	0.25
BARRETT_IC_4 23707	47.22	45.40	41.79	42.39	42.42	43.37	45.27	47.83	50.68	51.20	53.13	57.99	63.72	70.63	108.22	130.35	87.46	96.81	106.39	86.51	76.46	68.19	60.16	54.05
	2.42	2.93	3.03	2.88	2.70	2.61	2.44	1.53	1.57	1.49	1.74	2.31	2.98	3.76	5.11	6.07	6.25	8.40	7.27	5.13	4.19	2.11	0.95	1.01
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.10	-0.14	-0.64	-1.03	-0.94	-35.00	-47.42	0.00	-0.01	-15.47	0.00	0.00	0.00	0.37	0.25
BARRETT_IC_5 23708	47.22	45.40	41.79	42.39	42.42	43.37	45.27	47.83	50.68	51.20	53.13	57.99	63.72	70.63	108.22	130.35	87.46	96.81	106.39	86.51	76.46	68.19	60.16	54.05
	2.42	2.93	3.03	2.88	2.70	2.61	2.44	1.53	1.57	1.49	1.74	2.31	2.98	3.76	5.11	6.07	6.25	8.40	7.27	5.13	4.19	2.11	0.95	1.01
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.10	-0.14	-0.64	-1.03	-0.94	-35.00	-47.42	0.00	-0.01	-15.47	0.00	0.00	0.00	0.37	0.25

BARRETT_IC_6 23709	47.22 2.42 -0.01	45.40 2.93 0.00	41.79 3.03 0.00	42.39 2.88 0.00	42.42 2.70 0.00	43.37 2.61 0.00	45.27 2.44 0.00	47.83 1.53 0.03	50.68 1.57 0.12	51.20 1.49 0.10	53.13 1.74 -0.14	57.99 2.31 -0.64	63.72 2.98 -1.03	70.63 3.76 -0.94	108.22 5.11 -35.00	130.35 6.07 -47.42	87.46 6.25 0.00	96.81 8.40 -0.01	106.39 7.27 -15.47	86.51 5.13 0.00	76.46 4.19 0.00	68.19 2.11 0.00	60.16 0.95 0.37	54.05 1.01 0.25
BARRETT_IC_7 23710	46.90 2.11 0.00	44.89 2.42 0.00	41.78 3.02 0.00	42.39 2.88 0.00	42.42 2.70 0.00	43.69 2.93 0.00	45.23 2.40 0.00	47.83 1.53 0.03	50.73 1.62 0.12	51.30 1.59 0.10	53.08 1.69 -0.14	57.83 2.15 -0.64	63.42 2.69 -1.03	70.70 3.82 -0.94	108.15 5.04 -35.00	130.20 5.92 -47.42	87.70 6.50 0.00	96.71 8.31 0.00	106.40 7.28 -15.47	86.59 5.21 0.00	76.39 4.12 0.00	68.59 2.51 0.00	60.10 0.89 0.37	54.05 1.01 0.25
BARRETT_IC_8 23711	47.22 2.42 -0.01	45.40 2.93 0.00	41.79 3.03 0.00	42.39 2.88 0.00	42.42 2.70 0.00	43.37 2.61 0.00	45.27 2.44 0.00	47.83 1.53 0.03	50.68 1.57 0.12	51.20 1.49 0.10	53.13 1.74 -0.14	57.99 2.31 -0.64	63.72 2.98 -1.03	70.63 3.76 -0.94	108.22 5.11 -35.00	130.35 6.07 -47.42	87.46 6.25 0.00	96.81 8.40 -0.01	106.39 7.27 -15.47	86.51 5.13 0.00	76.46 4.19 0.00	68.19 2.11 0.00	60.16 0.95 0.37	54.05 1.01 0.25
BARRETT_IC_9 23700	47.22 2.42 -0.01	45.40 2.93 0.00	41.79 3.03 0.00	42.39 2.88 0.00	42.42 2.70 0.00	43.37 2.61 0.00	45.27 2.44 0.00	47.83 1.53 0.03	50.68 1.57 0.12	51.20 1.49 0.10	53.13 1.74 -0.14	57.99 2.31 -0.64	63.72 2.98 -1.03	70.63 3.76 -0.94	84.71 5.11 -11.49	98.06 6.07 -15.12	87.46 6.25 0.00	96.79 8.40 0.01	95.64 7.27 -4.72	86.51 5.13 0.00	76.46 4.19 0.00	68.19 2.11 0.00	60.16 0.95 0.37	54.05 1.01 0.25
BARRETT___1 23545	47.22 2.42 -0.01	45.40 2.93 0.00	41.79 3.03 0.00	42.39 2.88 0.00	42.42 2.70 0.00	43.37 2.61 0.00	45.27 2.44 0.00	47.83 1.53 0.03	50.68 1.57 0.12	51.20 1.49 0.10	53.13 1.74 -0.14	57.99 2.31 -0.64	63.72 2.98 -1.03	70.63 3.76 -0.94	108.22 5.11 -35.00	130.35 6.07 -47.42	87.46 6.25 0.00	96.81 8.40 -0.01	106.39 7.27 -15.47	86.51 5.13 0.00	76.46 4.19 0.00	68.19 2.11 0.00	60.16 0.95 0.37	54.05 1.01 0.25
BARRETT___2 23546	47.22 2.42 -0.01	45.40 2.93 0.00	41.79 3.03 0.00	42.39 2.88 0.00	42.42 2.70 0.00	43.37 2.61 0.00	45.27 2.44 0.00	47.83 1.53 0.03	50.68 1.57 0.12	51.20 1.49 0.10	53.13 1.74 -0.14	57.99 2.31 -0.64	63.72 2.98 -1.03	70.63 3.76 -0.94	84.71 5.11 -11.49	98.06 6.07 -15.12	87.46 6.25 0.00	96.79 8.40 0.01	95.64 7.27 -4.72	86.51 5.13 0.00	76.46 4.19 0.00	68.19 2.11 0.00	60.16 0.95 0.37	54.05 1.01 0.25
BATAVIA___115KV_TB1 55881	46.90 2.11 0.00	45.27 2.80 0.00	40.27 1.51 0.00	40.50 0.99 0.00	40.75 1.03 0.00	41.61 0.86 0.00	43.94 1.11 0.00	46.01 -0.32 0.00	49.52 0.30 0.00	50.95 1.15 0.00	53.25 2.00 0.00	57.51 2.48 0.00	61.97 2.27 0.00	67.52 1.58 0.00	70.01 1.91 0.00	77.94 1.08 0.00	83.40 2.19 0.00	92.02 3.62 0.00	87.58 3.93 0.00	83.50 2.12 0.00	73.50 1.23 0.00	68.06 1.98 0.00	61.66 2.09 0.00	55.95 2.66 0.00
BAYONEEC___CTG1 323682	47.66 2.87 0.00	45.27 2.80 0.00	41.32 2.56 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.12 2.36 0.00	45.70 2.87 0.00	49.02 2.69 0.00	51.98 2.76 0.00	52.55 2.74 0.00	54.30 2.82 -0.23	58.70 3.03 -0.64	63.95 3.22 -1.03	70.57 3.69 -0.94	73.80 4.56 -1.13	83.62 5.84 -0.91	87.54 6.34 0.00	96.44 8.04 0.00	90.43 6.77 0.00	86.60 5.21 0.00	76.53 4.26 0.00	68.79 2.71 0.00	61.60 2.03 0.00	55.36 2.08 0.00
BAYONEEC___CTG10 323750	47.66 2.87 0.00	45.27 2.80 0.00	41.32 2.56 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.12 2.36 0.00	45.70 2.87 0.00	49.02 2.69 0.00	51.98 2.76 0.00	52.55 2.74 0.00	54.30 2.82 -0.23	58.70 3.03 -0.64	63.95 3.22 -1.03	70.57 3.69 -0.94	73.80 4.56 -1.13	83.62 5.84 -0.91	87.54 6.34 0.00	96.44 8.04 0.00	90.43 6.77 0.00	86.60 5.21 0.00	76.53 4.26 0.00	68.79 2.71 0.00	61.60 2.03 0.00	55.36 2.08 0.00
BAYONEEC___CTG2 323683	47.66 2.87 0.00	45.27 2.80 0.00	41.32 2.56 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.12 2.36 0.00	45.70 2.87 0.00	49.02 2.69 0.00	51.98 2.76 0.00	52.55 2.74 0.00	54.30 2.82 -0.23	58.70 3.03 -0.64	63.95 3.22 -1.03	70.57 3.69 -0.94	73.80 4.56 -1.13	83.62 5.84 -0.91	87.54 6.34 0.00	96.44 8.04 0.00	90.43 6.77 0.00	86.60 5.21 0.00	76.53 4.26 0.00	68.79 2.71 0.00	61.60 2.03 0.00	55.36 2.08 0.00
BAYONEEC___CTG3 323684	47.66 2.87 0.00	45.27 2.80 0.00	41.32 2.56 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.12 2.36 0.00	45.70 2.87 0.00	49.02 2.69 0.00	51.98 2.76 0.00	52.55 2.74 0.00	54.30 2.82 -0.23	58.70 3.03 -0.64	63.95 3.22 -1.03	70.57 3.69 -0.94	73.80 4.56 -1.13	83.62 5.84 -0.91	87.54 6.34 0.00	96.44 8.04 0.00	90.43 6.77 0.00	86.60 5.21 0.00	76.53 4.26 0.00	68.79 2.71 0.00	61.60 2.03 0.00	55.36 2.08 0.00
BAYONEEC___CTG4 323685	47.66 2.87 0.00	45.27 2.80 0.00	41.32 2.56 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.12 2.36 0.00	45.70 2.87 0.00	49.02 2.69 0.00	51.98 2.76 0.00	52.55 2.74 0.00	54.30 2.82 -0.23	58.70 3.03 -0.64	63.95 3.22 -1.03	70.57 3.69 -0.94	73.80 4.56 -1.13	83.62 5.84 -0.91	87.54 6.34 0.00	96.44 8.04 0.00	90.43 6.77 0.00	86.60 5.21 0.00	76.53 4.26 0.00	68.79 2.71 0.00	61.60 2.03 0.00	55.36 2.08 0.00
BAYONEEC___CTG5 323686	47.66 2.87 0.00	45.27 2.80 0.00	41.32 2.56 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.12 2.36 0.00	45.70 2.87 0.00	49.02 2.69 0.00	51.98 2.76 0.00	52.55 2.74 0.00	54.30 2.82 -0.23	58.70 3.03 -0.64	63.95 3.22 -1.03	70.57 3.69 -0.94	73.80 4.56 -1.13	83.62 5.84 -0.91	87.54 6.34 0.00	96.44 8.04 0.00	90.43 6.77 0.00	86.60 5.21 0.00	76.53 4.26 0.00	68.79 2.71 0.00	61.60 2.03 0.00	55.36 2.08 0.00
BAYONEEC___CTG6 323687	47.66 2.87 0.00	45.27 2.80 0.00	41.32 2.56 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.12 2.36 0.00	45.70 2.87 0.00	49.02 2.69 0.00	51.98 2.76 0.00	52.55 2.74 0.00	54.30 2.82 -0.23	58.70 3.03 -0.64	63.95 3.22 -1.03	70.57 3.69 -0.94	73.80 4.56 -1.13	83.62 5.84 -0.91	87.54 6.34 0.00	96.44 8.04 0.00	90.43 6.77 0.00	86.60 5.21 0.00	76.53 4.26 0.00	68.79 2.71 0.00	61.60 2.03 0.00	55.36 2.08 0.00
BAYONEEC___CTG7 323688	47.66 2.87 0.00	45.27 2.80 0.00	41.32 2.56 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.12 2.36 0.00	45.70 2.87 0.00	49.02 2.69 0.00	51.98 2.76 0.00	52.55 2.74 0.00	54.30 2.82 -0.23	58.70 3.03 -0.64	63.95 3.22 -1.03	70.57 3.69 -0.94	73.80 4.56 -1.13	83.62 5.84 -0.91	87.54 6.34 0.00	96.44 8.04 0.00	90.43 6.77 0.00	86.60 5.21 0.00	76.53 4.26 0.00	68.79 2.71 0.00	61.60 2.03 0.00	55.36 2.08 0.00

BAYONEEC___CTG8 323689	47.66 2.87 0.00	45.27 2.80 0.00	41.32 2.56 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.12 2.36 0.00	45.70 2.87 0.00	49.02 2.69 0.00	51.98 2.76 0.00	52.55 2.74 0.00	54.30 2.82 -0.23	58.70 3.03 -0.64	63.95 3.22 -1.03	70.57 3.69 -0.94	73.80 4.56 -1.13	83.62 5.84 -0.91	87.54 6.34 0.00	96.44 8.04 0.00	90.43 6.77 0.00	86.60 5.21 0.00	76.53 4.26 0.00	68.79 2.71 0.00	61.60 2.03 0.00	55.36 2.08 0.00
BAYONEEC___CTG9 323749	47.66 2.87 0.00	45.27 2.80 0.00	41.32 2.56 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.12 2.36 0.00	45.70 2.87 0.00	49.02 2.69 0.00	51.98 2.76 0.00	52.55 2.74 0.00	54.30 2.82 -0.23	58.70 3.03 -0.64	63.95 3.22 -1.03	70.57 3.69 -0.94	73.80 4.56 -1.13	83.62 5.84 -0.91	87.54 6.34 0.00	96.44 8.04 0.00	90.43 6.77 0.00	86.60 5.21 0.00	76.53 4.26 0.00	68.79 2.71 0.00	61.60 2.03 0.00	55.36 2.08 0.00
BEACON___LESR 323632	45.55 0.76 0.00	43.11 0.64 0.00	39.42 0.66 0.00	40.18 0.67 0.00	40.35 0.63 0.00	41.45 0.69 0.00	43.51 0.68 0.00	46.84 0.51 0.00	49.82 0.59 0.00	50.21 0.40 0.00	51.39 0.31 0.18	54.93 0.39 0.50	59.32 0.42 0.80	65.80 0.59 0.73	68.18 0.95 0.88	77.69 1.54 0.71	82.83 1.62 0.00	91.31 2.91 0.00	86.08 2.43 0.00	83.26 1.87 0.00	73.93 1.66 0.00	67.33 1.25 0.00	60.41 0.83 0.00	53.82 0.53 0.00
BEAVER RIVER___HYD 24048	46.59 1.79 0.00	43.62 1.15 0.00	39.73 0.97 0.00	40.42 0.91 0.00	40.75 1.03 0.00	42.22 1.47 0.00	44.50 1.67 0.00	48.05 1.72 0.00	51.04 1.67 -0.13	51.86 1.64 -0.41	53.00 1.54 -0.21	57.02 1.54 -0.45	61.99 1.55 -0.75	68.63 1.58 -1.11	69.54 1.43 0.00	78.02 1.15 0.00	82.58 1.38 0.00	90.52 2.12 0.00	86.08 2.43 0.00	85.44 3.26 -0.80	75.31 3.03 0.00	69.31 2.84 -0.39	62.29 2.62 -0.09	55.42 2.13 0.00
BEEBEE_GT_13 23619	45.91 1.12 0.00	44.08 1.61 0.00	39.50 0.74 0.00	39.86 0.36 0.00	40.07 0.36 0.00	41.00 0.24 0.00	43.21 0.39 0.00	45.91 -0.42 0.00	49.28 0.05 0.00	50.56 0.75 0.00	52.64 1.38 0.00	56.74 1.71 0.00	61.31 1.61 0.00	67.12 1.19 0.00	69.74 1.63 0.00	77.87 1.00 0.00	82.91 1.71 0.00	91.14 2.74 0.00	86.50 2.84 0.00	82.85 1.46 0.00	73.07 0.79 0.00	67.40 1.32 0.00	60.89 1.31 0.00	54.88 1.60 0.00
BENSHRST_27_KV_BENSHRST_1 355998	48.38 3.58 0.00	45.82 3.36 0.00	41.82 3.06 0.00	42.43 2.92 0.00	42.46 2.74 0.00	43.49 2.73 0.00	46.00 3.17 0.00	49.16 2.83 0.00	52.13 2.90 0.00	52.75 2.94 0.00	54.50 3.02 -0.23	58.76 3.08 -0.64	64.13 3.40 -1.03	71.02 4.15 -0.93	74.27 5.04 -1.13	83.92 6.15 -0.91	88.02 6.82 0.01	96.88 8.49 0.01	91.09 7.45 0.01	87.23 5.86 0.01	77.10 4.84 0.01	69.64 3.57 0.01	61.83 2.26 0.01	55.79 2.50 0.00
BETHLEHEM___GRP 23843	44.84 0.04 0.00	42.43 -0.04 0.00	38.88 0.12 0.00	39.63 0.12 0.00	39.80 0.08 0.00	40.88 0.12 0.00	42.87 0.04 0.00	46.15 -0.19 0.00	49.03 -0.20 0.00	49.51 -0.30 0.00	50.57 -0.51 0.17	53.96 -0.61 0.47	58.35 -0.60 0.75	64.79 -0.46 0.69	67.14 -0.14 0.83	76.28 0.08 0.67	81.45 0.24 0.00	89.55 1.15 0.00	84.49 0.84 0.00	81.71 0.33 0.00	72.49 0.22 0.00	66.21 0.13 0.00	59.22 -0.36 0.00	52.86 -0.43 0.00
BETHLEHEM___GS1 323560	44.84 0.04 0.00	42.47 0.00 0.00	38.88 0.12 0.00	39.63 0.12 0.00	39.80 0.08 0.00	40.88 0.12 0.00	42.87 0.04 0.00	46.15 -0.18 0.00	49.03 -0.20 0.00	49.41 -0.40 0.00	50.57 -0.51 0.17	54.07 -0.50 0.47	58.41 -0.54 0.75	64.79 -0.46 0.69	67.14 -0.14 0.83	76.35 0.15 0.67	81.45 0.24 0.00	89.55 1.15 0.00	84.40 0.75 0.00	81.63 0.24 0.00	72.49 0.22 0.00	66.01 -0.07 0.00	59.22 -0.36 0.00	52.86 -0.43 0.00
BETHLEHEM___GS2 323561	44.84 0.04 0.00	42.47 0.00 0.00	38.88 0.12 0.00	39.63 0.12 0.00	39.80 0.08 0.00	40.88 0.12 0.00	42.87 0.04 0.00	46.15 -0.18 0.00	49.03 -0.20 0.00	49.41 -0.40 0.00	50.57 -0.51 0.17	54.07 -0.50 0.47	58.41 -0.54 0.75	64.79 -0.46 0.69	67.14 -0.14 0.83	76.35 0.15 0.67	81.45 0.24 0.00	89.55 1.15 0.00	84.40 0.75 0.00	81.63 0.24 0.00	72.49 0.22 0.00	66.01 -0.07 0.00	59.22 -0.36 0.00	52.86 -0.43 0.00
BETHLEHEM___GS3 323562	44.84 0.04 0.00	42.47 0.00 0.00	38.88 0.12 0.00	39.63 0.12 0.00	39.80 0.08 0.00	40.88 0.12 0.00	42.87 0.04 0.00	46.15 -0.18 0.00	49.03 -0.20 0.00	49.41 -0.40 0.00	50.57 -0.51 0.17	54.07 -0.50 0.47	58.41 -0.54 0.75	64.79 -0.46 0.69	67.14 -0.14 0.83	76.35 0.15 0.67	81.45 0.24 0.00	89.55 1.15 0.00	84.40 0.75 0.00	81.63 0.24 0.00	72.49 0.22 0.00	66.01 -0.07 0.00	59.22 -0.36 0.00	52.86 -0.43 0.00
BETHLEHEM___STEEL 23779	46.18 1.39 0.00	44.68 2.21 0.00	39.81 1.05 0.00	39.94 0.43 0.00	40.19 0.48 0.00	41.04 0.29 0.00	43.39 0.56 0.00	45.36 -0.97 0.00	49.08 -0.15 0.00	50.51 0.70 0.00	52.79 1.54 0.00	57.29 2.26 0.00	61.67 1.97 0.00	67.06 1.12 0.00	69.33 1.23 0.00	77.10 0.23 0.00	82.67 1.46 0.00	90.70 2.30 0.00	86.08 2.43 0.00	81.87 0.49 0.00	72.05 -0.22 0.00	66.61 0.53 0.00	60.71 1.13 0.00	55.20 1.92 0.00
BETHLHEM_115KV_TB1 79974	44.97 0.18 0.00	42.55 0.08 0.00	38.99 0.23 0.00	39.79 0.28 0.00	39.91 0.20 0.00	41.00 0.24 0.00	43.00 0.17 0.00	46.29 -0.05 0.00	49.18 -0.05 0.00	49.66 -0.15 0.00	50.74 -0.36 0.16	54.21 -0.39 0.44	58.57 -0.42 0.71	65.03 -0.26 0.65	67.39 0.07 0.78	76.54 0.31 0.63	81.61 0.41 0.00	89.73 1.33 0.00	84.66 1.00 0.00	81.87 0.49 0.00	72.70 0.43 0.00	66.34 0.26 0.00	59.40 -0.18 0.00	53.02 -0.27 0.00
BETHPAGE_CC_5 323564	47.30 2.51 0.00	45.53 3.06 0.00	41.98 3.22 0.00	42.51 3.00 0.00	42.58 2.86 0.00	43.45 2.69 0.00	45.36 2.53 0.00	47.48 1.67 0.51	48.55 1.72 2.40	49.45 1.64 2.01	51.59 1.84 1.51	57.86 2.31 -0.51	63.56 3.04 -0.82	70.77 3.89 -0.94	78.02 5.32 -4.60	89.00 6.46 -5.67	87.94 6.74 0.00	98.50 8.84 -1.26	93.87 7.69 -2.53	86.84 5.45 0.00	76.47 4.26 0.06	68.19 2.11 0.00	53.14 0.95 7.39	49.49 1.12 4.92
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	46.23 1.43 0.00	44.72 2.25 0.00	39.85 1.09 0.00	39.94 0.43 0.00	40.23 0.52 0.00	41.04 0.29 0.00	43.43 0.60 0.00	45.45 -0.88 0.00	49.18 -0.05 0.00	50.61 0.80 0.00	52.94 1.69 0.00	57.40 2.37 0.00	61.85 2.15 0.00	67.26 1.32 0.00	69.54 1.43 0.00	77.33 0.46 0.00	82.91 1.71 0.00	90.96 2.56 0.00	86.25 2.59 0.00	82.03 0.65 0.00	72.20 -0.07 0.00	66.74 0.66 0.00	60.77 1.19 0.00	55.31 2.02 0.00
BINGHAMTON___COGEN 23790	45.91 1.12 0.00	43.70 1.23 0.00	39.65 0.89 0.00	40.30 0.79 0.00	40.47 0.75 0.00	41.49 0.73 0.00	43.60 0.77 0.00	46.75 0.42 0.00	49.87 0.64 0.00	50.66 0.85 0.00	52.28 1.03 0.00	56.36 1.32 0.00	61.07 1.37 0.00	67.19 1.25 0.00	69.74 1.63 0.00	78.40 1.54 0.00	83.15 1.95 0.00	91.23 2.83 0.00	86.33 2.68 0.00	83.25 1.87 0.00	73.86 1.59 0.00	67.66 1.59 0.00	60.77 1.19 0.00	54.57 1.28 0.00

BIXINCNT_115KV_LOAD 355685	46.41 1.61 0.00	44.81 2.34 0.00	39.92 1.16 0.00	40.06 0.55 0.00	40.35 0.64 0.00	41.25 0.49 0.00	43.69 0.86 0.00	45.87 -0.46 0.00	49.62 0.39 0.00	51.00 1.20 0.00	53.30 2.05 0.00	57.84 2.81 0.00	62.15 2.45 0.00	67.52 1.58 0.00	69.81 1.70 0.00	77.64 0.77 0.00	83.23 2.03 0.00	91.14 2.74 0.00	86.25 2.59 0.00	82.12 0.73 0.00	72.41 0.14 0.00	66.87 0.79 0.00	60.83 1.25 0.00	55.42 2.13 0.00
BLACK RIVER___HYD 24047	47.34 2.55 0.00	44.42 1.95 0.00	40.43 1.67 0.00	41.05 1.54 0.00	41.42 1.71 0.00	42.83 2.08 0.00	45.14 2.31 0.00	48.56 2.22 0.00	51.63 2.16 -0.24	52.74 2.19 -0.75	53.74 2.10 -0.38	57.94 2.09 -0.81	63.25 2.21 -1.34	70.19 2.24 -2.01	70.42 2.32 0.00	78.86 2.00 0.00	83.64 2.43 0.00	92.20 3.80 0.00	87.58 3.93 0.00	87.70 4.88 -1.44	76.90 4.63 0.00	70.88 4.10 -0.70	63.50 3.76 -0.16	56.27 2.98 0.00
BLACKRVR_115KV_TB2 79977	47.35 2.55 0.00	44.51 2.04 0.00	40.43 1.67 0.00	41.05 1.54 0.00	41.42 1.71 0.00	42.84 2.08 0.00	45.14 2.31 0.00	48.56 2.22 0.00	51.64 2.17 -0.24	52.75 2.19 -0.75	53.74 2.10 -0.38	58.05 2.20 -0.81	63.25 2.21 -1.34	70.19 2.24 -2.01	70.35 2.25 0.00	78.94 2.08 0.00	83.64 2.44 0.00	92.20 3.80 0.00	87.50 3.85 0.00	87.70 4.88 -1.44	76.90 4.63 0.00	71.01 4.23 -0.70	63.49 3.75 -0.16	56.27 2.98 0.00
BLDWN_LI_69_KV_BK4 356085	47.30 2.51 0.00	45.27 2.80 0.00	42.13 3.37 0.00	42.67 3.16 0.00	42.69 2.98 0.00	44.02 3.26 0.00	45.57 2.74 0.00	47.96 1.95 0.31	49.88 2.12 1.47	50.68 2.09 1.22	52.77 2.31 0.79	58.49 2.81 -0.64	64.20 3.46 -1.03	71.56 4.68 -0.94	86.26 5.99 -12.16	99.84 6.92 -16.06	88.51 7.31 0.00	97.68 9.28 0.00	96.89 8.20 -5.04	87.41 6.02 0.00	77.18 4.91 0.00	69.45 3.37 0.00	56.74 1.67 4.50	51.95 1.65 2.99
BLISS_WT_PWR 323608	46.36 1.57 0.00	44.29 1.82 0.00	39.92 1.16 0.00	40.06 0.55 0.00	40.35 0.63 0.00	41.25 0.49 0.00	43.69 0.86 0.00	45.87 -0.46 0.00	49.58 0.35 0.00	51.00 1.19 0.00	53.15 1.90 0.00	57.35 2.31 0.00	62.21 2.51 0.00	67.52 1.58 0.00	70.08 1.98 0.00	77.41 0.54 0.00	83.72 2.52 0.00	91.41 3.01 0.00	86.16 2.51 0.00	81.96 0.57 0.00	72.56 0.29 0.00	65.95 -0.13 0.00	60.89 1.31 0.00	55.36 2.08 0.00
BLUESTONE___WT_PWR 323821	48.15 3.36 0.00	45.61 3.14 0.00	41.47 2.71 0.00	42.12 2.61 0.00	42.34 2.62 0.00	43.57 2.81 0.00	45.91 3.09 0.00	49.21 2.87 0.00	52.33 3.10 0.00	53.10 3.29 0.00	54.53 3.28 0.00	58.78 3.74 0.00	63.88 4.18 0.00	70.36 4.42 0.00	73.35 5.24 0.00	82.02 5.15 0.00	87.13 5.92 0.00	96.44 8.04 0.00	90.85 7.20 0.00	88.13 6.75 0.00	78.34 6.07 0.00	71.17 5.09 0.00	64.16 4.59 0.00	57.23 3.94 0.00
BLUE_CIRC_CHEM_DRP 24182	44.52 -0.27 0.00	42.15 -0.30 0.02	39.38 0.62 0.00	40.18 0.67 0.00	40.35 0.64 0.00	41.41 0.65 0.00	40.42 -0.26 2.16	42.76 -0.51 3.06	44.79 -0.59 3.85	45.05 -0.80 3.96	45.81 -1.03 4.42	48.29 -1.16 5.59	51.51 -1.19 6.99	56.04 -1.19 8.71	57.69 -0.95 9.46	64.15 -0.85 11.87	67.67 -0.73 12.80	85.71 0.00 2.69	82.20 -0.17 1.29	80.45 -0.41 0.52	71.91 -0.36 0.00	65.68 -0.40 0.00	58.86 -0.71 0.00	52.54 -0.75 0.00
BOC_GAS_DRP 24189	45.24 0.45 0.00	42.90 0.42 0.00	39.30 0.54 0.00	40.14 0.63 0.00	40.27 0.56 0.00	41.33 0.57 0.00	43.44 0.47 -0.14	46.80 0.28 -0.20	49.77 0.30 -0.25	50.26 0.20 -0.25	51.47 0.05 -0.17	55.14 0.06 -0.04	59.76 0.12 0.06	66.30 0.26 -0.10	68.77 0.61 -0.05	78.02 0.85 -0.31	82.99 0.97 -0.82	90.34 1.77 -0.17	85.16 1.42 -0.08	82.31 0.90 -0.03	73.07 0.79 0.00	66.67 0.59 0.00	59.70 0.12 0.00	53.34 0.05 0.00
BOONVILLE_115KV_TB1 79983	46.54 1.75 0.00	43.79 1.32 0.00	39.88 1.12 0.00	40.58 1.07 0.00	40.87 1.15 0.00	42.18 1.43 0.00	44.41 1.58 0.00	47.91 1.58 0.00	50.90 1.67 0.00	51.50 1.69 0.00	52.89 1.64 0.00	56.85 1.82 0.00	61.61 1.91 0.00	67.98 2.04 0.00	70.35 2.25 0.00	79.02 2.15 0.00	83.64 2.44 0.00	91.85 3.45 0.00	86.83 3.18 0.00	84.88 3.50 0.00	75.38 3.11 0.00	68.92 2.84 0.00	61.96 2.38 0.00	55.20 1.92 0.00
BORALEX_4TH_BRANCH 23824	46.58 1.79 0.00	44.08 1.61 0.00	40.35 1.59 0.00	41.01 1.50 0.00	41.23 1.51 0.00	42.59 1.83 0.00	44.80 1.97 0.00	48.00 1.67 0.00	50.95 1.72 0.00	51.30 1.49 0.00	51.98 1.18 0.45	54.98 1.21 1.27	59.03 1.37 2.05	65.79 1.71 1.86	68.04 2.18 2.24	77.98 2.92 1.81	84.53 3.33 0.00	93.26 4.86 0.00	88.00 4.35 0.00	84.96 3.58 0.00	75.38 3.11 0.00	68.85 2.78 0.00	61.48 1.91 0.00	54.73 1.44 0.00
BOWLINE___1 23526	47.08 2.28 0.00	44.72 2.25 0.00	40.85 2.09 0.00	41.52 2.01 0.00	41.62 1.91 0.00	42.71 1.96 0.00	45.10 2.27 0.00	48.37 2.04 0.00	51.35 2.12 0.00	51.90 2.09 0.00	53.67 2.20 -0.21	58.12 2.48 -0.60	63.42 2.75 -0.97	69.92 3.10 -0.88	73.05 3.88 -1.06	82.65 4.92 -0.86	86.48 5.28 0.00	95.38 6.98 0.00	89.51 5.85 0.00	85.94 4.55 0.00	76.10 3.83 0.00	68.59 2.51 0.00	61.43 1.85 0.00	55.04 1.76 0.00
BOWLINE___2 23595	47.08 2.28 0.00	44.72 2.25 0.00	40.85 2.09 0.00	41.52 2.01 0.00	41.62 1.91 0.00	42.71 1.96 0.00	45.10 2.27 0.00	48.37 2.04 0.00	51.35 2.12 0.00	51.90 2.09 0.00	53.67 2.20 -0.21	58.12 2.48 -0.60	63.42 2.75 -0.97	69.92 3.10 -0.88	73.05 3.88 -1.06	82.65 4.92 -0.86	86.48 5.28 0.00	95.38 6.98 0.00	89.51 5.85 0.00	85.94 4.55 0.00	76.10 3.83 0.00	68.59 2.51 0.00	61.43 1.85 0.00	55.04 1.76 0.00
BRADY___115KV_TB2 356060	45.11 0.31 0.00	42.68 0.21 0.00	38.95 0.19 0.00	39.75 0.24 0.00	40.15 0.44 0.00	41.16 0.41 0.00	43.34 0.51 0.00	47.35 1.02 0.00	50.02 0.79 0.00	50.46 0.65 0.00	51.87 0.62 0.00	55.59 0.55 0.00	60.24 0.54 0.00	66.33 0.40 0.00	67.56 -0.54 0.00	76.25 -0.61 0.00	80.39 -0.81 0.00	85.48 -2.92 0.00	82.15 -1.51 0.00	81.63 0.24 0.00	72.70 0.43 0.00	66.74 0.66 0.00	60.83 1.25 0.00	54.41 1.12 0.00
BRANSCOMB___SOLAR 323811	46.76 1.97 0.00	44.21 1.74 0.00	40.35 1.59 0.00	41.05 1.54 0.00	41.31 1.59 0.00	42.43 1.67 0.00	44.50 1.67 0.00	47.86 1.53 0.00	50.80 1.57 0.00	51.10 1.29 0.00	51.95 0.92 0.23	55.39 0.99 0.64	59.62 0.95 1.03	66.12 1.12 0.93	68.48 1.50 1.13	78.11 2.15 0.91	83.64 2.43 0.00	92.38 3.98 0.00	87.67 4.02 0.00	85.05 3.67 0.00	75.88 3.61 0.00	69.25 3.17 0.00	62.20 2.62 0.00	55.31 2.02 0.00
BRDGHMPT_69_KV_BK1 55812	48.24 3.45 0.00	46.25 3.78 0.00	43.18 4.42 0.00	43.66 4.15 0.00	43.65 3.93 0.00	45.00 4.24 0.00	46.30 3.47 0.00	48.25 2.55 0.63	49.28 3.00 2.95	50.54 3.19 2.46	52.82 3.59 2.02	60.09 4.79 -0.26	65.84 5.73 -0.40	74.46 7.58 -0.94	79.81 9.33 -2.38	90.57 11.07 -2.63	120.44 12.10 -27.14	187.83 14.85 -84.58	161.12 13.47 -64.00	92.06 10.66 -0.01	80.19 8.09 0.17	71.63 5.55 0.00	53.66 3.16 9.08	50.16 2.93 6.06

BRENTWOD_69_KV_W. BRTWOOD 56703	46.99 2.19 0.00	45.23 2.76 0.00	42.36 3.60 0.00	42.87 3.36 0.00	42.89 3.18 0.00	44.30 3.55 0.00	45.57 2.74 0.00	47.29 1.58 0.62	48.05 1.72 2.90	49.09 1.69 2.42	51.01 1.79 2.04	57.68 2.48 -0.16	62.86 2.93 -0.24	71.16 4.29 -0.94	76.43 5.72 -2.60	86.17 6.38 -2.93	88.19 6.98 0.00	104.72 9.02 -7.30	97.75 7.95 -6.15	87.08 5.70 0.00	76.75 4.70 0.22	68.79 2.71 0.00	51.86 1.19 8.91	48.50 1.17 5.96
BRISTLHL_115KV_TB1 79998	44.57 -0.22 0.00	42.30 -0.17 0.00	38.41 -0.35 0.00	39.07 -0.43 0.00	39.24 -0.48 0.00	40.31 -0.45 0.00	42.36 -0.47 0.00	45.64 -0.69 0.00	49.14 -0.69 -0.60	51.07 -0.60 -1.85	51.69 -0.51 -0.95	56.49 -0.55 -2.01	62.45 -0.60 -3.34	70.21 -0.73 -4.99	67.63 -0.48 0.00	76.17 -0.69 0.00	80.64 -0.57 0.00	88.31 -0.09 0.00	83.57 -0.08 0.00	84.47 -0.49 -3.57	71.76 -0.51 0.00	67.43 -0.40 -1.75	59.45 -0.54 -0.41	52.81 -0.48 0.00
BROOKHAVEN___DRP 24191	46.63 1.84 0.00	44.76 2.29 0.00	41.90 3.14 0.00	42.39 2.88 0.00	42.42 2.70 0.00	43.77 3.02 0.00	44.97 2.14 0.00	46.77 1.07 0.63	47.51 1.23 2.95	48.54 1.20 2.46	50.52 1.28 2.02	57.34 2.04 -0.27	62.80 2.69 -0.42	70.97 4.09 -0.94	76.06 5.58 -2.37	86.25 6.76 -2.62	114.65 7.39 -26.06	180.72 9.64 -82.69	154.76 8.53 -62.57	87.50 6.10 -0.01	76.58 4.48 0.17	68.52 2.44 0.00	51.09 0.60 9.08	47.92 0.69 6.06
BROOKLYN_NAVY_YARD 23515	47.66 2.87 0.00	45.27 2.80 0.00	41.32 2.56 0.00	41.96 2.45 0.00	42.02 2.30 0.00	43.12 2.36 0.00	45.70 2.87 0.00	49.02 2.69 0.00	52.08 2.85 0.00	52.65 2.84 0.00	54.35 2.87 -0.23	58.76 3.08 -0.64	64.01 3.28 -1.03	70.63 3.76 -0.94	73.94 4.70 -1.13	83.70 5.92 -0.91	87.70 6.50 0.00	96.62 8.22 0.00	90.59 6.94 0.00	86.75 5.37 0.00	76.68 4.41 0.00	68.85 2.77 0.00	61.72 2.14 0.00	55.42 2.13 0.00
BROOKLYN___ARMY_DRP 323595	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.84 2.61 0.00	52.45 2.64 0.00	54.20 2.72 -0.23	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
BROOME_2_LFGE 323671	45.91 1.12 0.00	43.57 1.10 0.00	39.65 0.89 0.00	40.30 0.79 0.00	40.47 0.75 0.00	41.49 0.73 0.00	43.60 0.77 0.00	46.75 0.42 0.00	49.87 0.64 0.00	50.60 0.79 0.00	52.22 0.97 0.00	56.25 1.21 0.00	61.07 1.37 0.00	67.19 1.25 0.00	69.87 1.77 0.00	78.40 1.54 0.00	83.31 2.11 0.00	91.31 2.91 0.00	86.33 2.68 0.00	83.26 1.87 0.00	73.93 1.66 0.00	67.27 1.19 0.00	60.83 1.25 0.00	54.56 1.28 0.00
BROOME___LFGE 323600	45.91 1.12 0.00	43.57 1.10 0.00	39.65 0.89 0.00	40.30 0.79 0.00	40.47 0.75 0.00	41.49 0.73 0.00	43.60 0.77 0.00	46.75 0.42 0.00	49.87 0.64 0.00	50.60 0.79 0.00	52.22 0.97 0.00	56.25 1.21 0.00	61.07 1.37 0.00	67.19 1.25 0.00	69.87 1.77 0.00	78.40 1.54 0.00	83.31 2.11 0.00	91.31 2.91 0.00	86.33 2.68 0.00	83.26 1.87 0.00	73.93 1.66 0.00	67.27 1.19 0.00	60.83 1.25 0.00	54.56 1.28 0.00
BROWNFLS_115KV_TB 3_5 80003	45.64 0.85 0.00	42.94 0.47 0.00	39.11 0.35 0.00	39.83 0.32 0.00	40.23 0.52 0.00	41.49 0.73 0.00	43.73 0.90 0.00	47.49 1.16 0.00	50.40 1.08 -0.09	51.09 1.00 -0.28	52.37 0.97 -0.14	56.28 0.94 -0.30	61.16 0.96 -0.50	67.42 0.73 -0.75	68.18 0.07 0.00	76.56 -0.31 0.00	80.88 -0.32 0.00	87.52 -0.88 0.00	83.49 -0.17 0.00	83.06 1.14 -0.54	73.35 1.08 0.00	67.60 1.26 -0.26	61.13 1.49 -0.06	54.57 1.28 0.00
BROWNSV1_27_KV_LOAD 356125	48.15 3.36 0.00	45.65 3.19 0.00	41.74 2.98 0.00	42.39 2.88 0.00	42.46 2.74 0.00	43.65 2.89 0.00	46.13 3.30 0.00	49.48 3.15 0.00	52.63 3.40 0.00	53.25 3.44 0.00	54.91 3.43 -0.23	59.26 3.58 -0.64	64.73 4.00 -1.03	71.49 4.62 -0.94	74.76 5.52 -1.13	84.47 6.69 -0.91	88.76 7.55 0.00	97.68 9.28 0.00	91.77 8.11 0.00	87.81 6.43 0.00	77.55 5.28 0.00	70.11 4.03 0.00	62.38 2.80 0.00	56.06 2.77 0.00
BURROWS___LYONSDAL 23803	46.54 1.75 0.00	43.74 1.27 0.00	39.85 1.09 0.00	40.50 0.99 0.00	40.83 1.11 0.00	42.22 1.47 0.00	44.46 1.63 0.00	47.95 1.62 0.00	50.97 1.67 -0.06	51.70 1.69 -0.19	52.94 1.59 -0.10	57.01 1.76 -0.21	61.90 1.85 -0.35	68.44 1.98 -0.52	70.22 2.11 0.00	78.79 1.92 0.00	83.48 2.27 0.00	91.58 3.18 0.00	86.66 3.01 0.00	85.26 3.50 -0.37	75.45 3.18 0.00	69.10 2.84 -0.18	62.12 2.50 -0.04	55.26 1.97 0.00
CAITHNESS_CC_1 323624	47.03 2.24 0.00	45.36 2.89 0.00	41.86 3.10 0.00	42.36 2.85 0.00	42.42 2.70 0.00	43.24 2.49 0.00	44.97 2.14 0.00	46.72 1.02 0.63	47.36 1.08 2.95	48.39 1.05 2.46	50.47 1.23 2.01	57.41 2.09 -0.28	62.99 2.87 -0.43	70.77 3.89 -0.94	75.85 5.38 -2.37	86.09 6.61 -2.62	113.17 6.98 -24.98	178.56 9.37 -80.79	152.91 8.11 -61.15	87.17 5.78 -0.01	76.44 4.34 0.17	67.93 1.85 0.00	50.97 0.47 9.08	47.81 0.59 6.06
CALPINE BETH_PAGE_GT4 24209	47.08 2.28 0.00	45.06 2.59 0.00	42.02 3.26 0.00	42.55 3.04 0.00	42.58 2.86 0.00	43.90 3.14 0.00	45.40 2.57 0.00	47.68 1.81 0.46	49.04 1.97 2.16	49.80 1.79 1.80	51.78 1.79 1.27	57.83 2.15 -0.64	63.48 2.75 -1.03	70.77 3.89 -0.94	78.84 5.18 -5.56	90.00 6.15 -6.99	87.94 6.74 0.00	98.00 8.66 -0.93	93.99 7.61 -2.72	86.84 5.45 0.00	76.39 4.12 0.00	68.59 2.51 0.00	53.83 0.89 6.64	50.11 1.23 4.41
CALPINE_BETH_PAGE_GT_4 323586	47.43 2.64 0.00	45.61 3.14 0.00	42.02 3.26 0.00	42.55 3.04 0.00	42.61 2.90 0.00	43.53 2.77 0.00	45.44 2.61 0.00	47.68 1.81 0.46	48.99 1.92 2.16	49.70 1.69 1.80	51.83 1.84 1.27	57.99 2.31 -0.64	63.72 2.98 -1.03	70.77 3.89 -0.94	78.91 5.24 -5.56	90.23 6.38 -6.99	87.78 6.57 0.00	98.09 8.75 -0.94	93.91 7.53 -2.72	86.75 5.37 0.00	76.46 4.19 0.00	68.19 2.11 0.00	53.88 0.95 6.64	50.11 1.23 4.41
CALPINE_BP_GT1 23823	47.43 2.64 0.00	45.61 3.14 0.00	42.02 3.26 0.00	42.55 3.04 0.00	42.61 2.90 0.00	43.53 2.77 0.00	45.44 2.61 0.00	47.68 1.81 0.46	48.99 1.92 2.16	49.70 1.69 1.80	51.83 1.84 1.27	57.99 2.31 -0.64	63.72 2.98 -1.03	70.77 3.89 -0.94	78.91 5.24 -5.56	90.23 6.38 -6.99	87.78 6.57 0.00	98.09 8.75 -0.94	93.91 7.53 -2.72	86.75 5.37 0.00	76.46 4.19 0.00	68.19 2.11 0.00	53.88 0.95 6.64	50.11 1.23 4.41
CALSPAN___DRP 24200	46.18 1.39 0.00	44.68 2.21 0.00	39.81 1.05 0.00	39.94 0.43 0.00	40.19 0.48 0.00	41.04 0.29 0.00	43.39 0.56 0.00	45.36 -0.97 0.00	49.08 -0.15 0.00	50.51 0.70 0.00	52.79 1.54 0.00	57.29 2.26 0.00	61.67 1.97 0.00	67.06 1.12 0.00	69.33 1.23 0.00	77.10 0.23 0.00	82.67 1.46 0.00	90.70 2.30 0.00	86.08 2.43 0.00	81.87 0.49 0.00	72.05 -0.22 0.00	66.61 0.53 0.00	60.71 1.13 0.00	55.20 1.92 0.00

CALVERTON___SOLAR 323806	47.25 2.46 0.00	45.57 3.10 0.00	42.02 3.26 0.00	42.51 3.00 0.00	42.54 2.82 0.00	43.40 2.65 0.00	45.10 2.27 0.00	46.91 1.20 0.63	47.61 1.33 2.95	48.69 1.35 2.46	50.83 1.59 2.02	57.84 2.53 -0.27	63.51 3.40 -0.41	71.36 4.49 -0.94	76.54 6.06 -2.37	86.95 7.45 -2.63	115.55 7.87 -26.47	182.17 10.34 -83.43	155.90 9.12 -63.12	88.07 6.67 -0.01	77.08 4.98 0.17	68.45 2.38 0.00	51.45 0.95 9.08	48.18 0.96 6.06
CANDIGU_WT_PWR 323617	46.36 1.57 0.00	44.21 1.74 0.00	39.96 1.20 0.00	40.34 0.83 0.00	40.59 0.87 0.00	41.57 0.81 0.00	43.73 0.90 0.00	46.15 -0.18 0.00	49.33 0.10 0.00	50.36 0.55 0.00	52.28 1.02 0.00	56.41 1.38 0.00	61.13 1.43 0.00	66.86 0.92 0.00	69.60 1.50 0.00	77.33 0.46 0.00	82.99 1.78 0.00	91.05 2.65 0.00	86.33 2.68 0.00	83.01 1.63 0.00	73.79 1.52 0.00	67.13 1.05 0.00	61.24 1.67 0.00	55.42 2.13 0.00
CARR STREET_E_SYR 24060	44.61 -0.18 0.00	42.30 -0.17 0.00	38.49 -0.27 0.00	39.11 -0.40 0.00	39.32 -0.40 0.00	40.35 -0.41 0.00	42.40 -0.43 0.00	45.68 -0.65 0.00	48.59 -0.64 0.00	49.31 -0.50 0.00	50.90 -0.36 0.00	54.66 -0.38 0.00	59.34 -0.36 0.00	65.54 -0.39 0.00	68.04 -0.07 0.00	76.48 -0.38 0.00	81.04 -0.16 0.00	88.84 0.44 0.00	83.90 0.25 0.00	81.14 -0.24 0.00	71.98 -0.29 0.00	65.62 -0.46 0.00	59.16 -0.41 0.00	52.92 -0.37 0.00
CARTHAGE___PAPER 23857	46.90 2.11 0.00	43.96 1.49 0.00	40.00 1.24 0.00	40.66 1.15 0.00	41.02 1.31 0.00	42.47 1.71 0.00	44.80 1.97 0.00	48.28 1.95 0.00	51.30 1.87 -0.20	52.27 1.84 -0.62	53.26 1.69 -0.32	57.41 1.71 -0.67	62.54 1.73 -1.11	69.31 1.71 -1.66	69.74 1.63 0.00	78.25 1.39 0.00	82.91 1.71 0.00	90.96 2.57 0.00	86.58 2.93 0.00	86.48 3.91 -1.19	75.95 3.68 0.00	70.10 3.43 -0.58	62.87 3.16 -0.14	55.79 2.51 0.00
CASSADAGA_WT_PWR 323784	47.34 2.55 0.00	45.27 2.80 0.00	40.70 1.94 0.00	40.85 1.34 0.00	41.14 1.43 0.00	42.02 1.26 0.00	44.59 1.76 0.00	46.70 0.37 0.00	50.51 1.28 0.00	52.05 2.24 0.00	54.33 3.07 0.00	58.51 3.47 0.00	63.52 3.82 0.00	69.10 3.16 0.00	71.65 3.54 0.00	79.17 2.30 0.00	85.59 4.38 0.00	93.61 5.21 0.00	88.50 4.85 0.00	84.23 2.85 0.00	74.29 2.02 0.00	67.60 1.52 0.00	62.50 2.92 0.00	56.75 3.46 0.00
CE_DUNWOOD___DRP 24194	47.30 2.51 0.00	44.85 2.38 0.00	41.05 2.29 0.00	41.72 2.21 0.00	41.82 2.10 0.00	43.00 2.24 0.00	45.31 2.48 0.00	48.60 2.27 0.00	51.69 2.46 0.00	52.25 2.44 0.00	53.89 2.41 -0.23	58.26 2.59 -0.64	63.66 2.93 -1.03	70.37 3.49 -0.94	73.53 4.29 -1.13	83.08 5.30 -0.91	87.05 5.85 0.00	95.91 7.51 0.00	90.09 6.44 0.00	86.43 5.05 0.00	76.39 4.12 0.00	69.18 3.11 0.00	61.54 1.97 0.00	55.26 1.97 0.00
CE_MILLWOOD___DRP 24193	47.21 2.42 0.00	44.72 2.25 0.00	40.97 2.21 0.00	41.64 2.13 0.00	41.70 1.99 0.00	42.92 2.16 0.00	45.23 2.40 0.00	48.51 2.18 0.00	51.54 2.31 0.00	52.10 2.29 0.00	53.78 2.31 -0.22	58.15 2.48 -0.64	63.53 2.81 -1.02	70.17 3.30 -0.93	73.32 4.09 -1.12	82.85 5.07 -0.91	86.81 5.60 0.00	95.65 7.25 0.00	89.93 6.27 0.00	86.18 4.80 0.00	76.25 3.97 0.00	69.12 3.04 0.00	61.48 1.91 0.00	55.15 1.87 0.00
CE_NYC2_DRP 24202	47.84 3.05 0.00	45.32 2.85 0.00	41.47 2.71 0.00	42.12 2.61 0.00	42.14 2.42 0.00	43.24 2.49 0.00	45.70 2.87 0.00	48.97 2.64 0.00	51.99 2.76 0.00	52.55 2.74 0.00	54.25 2.77 -0.23	58.38 2.70 -0.64	63.65 2.93 -1.03	70.36 3.49 -0.93	73.59 4.36 -1.13	83.15 5.38 -0.91	87.21 6.01 0.01	95.99 7.60 0.01	90.17 6.52 0.01	86.34 4.96 0.01	76.31 4.05 0.01	68.98 2.91 0.01	61.42 1.85 0.01	55.47 2.18 0.00
CE_NYC_DRP 24195	47.75 2.96 0.00	45.23 2.76 0.00	41.40 2.64 0.00	42.08 2.57 0.00	42.10 2.38 0.00	43.32 2.57 0.00	45.74 2.91 0.00	49.07 2.73 0.00	52.18 2.95 0.00	52.75 2.94 0.00	54.40 2.92 -0.23	58.71 3.03 -0.64	64.14 3.40 -1.03	70.83 3.96 -0.94	74.08 4.84 -1.13	83.70 5.92 -0.91	87.86 6.66 0.00	96.71 8.31 0.00	90.76 7.11 0.00	86.92 5.53 0.00	76.75 4.48 0.00	69.45 3.37 0.00	61.78 2.20 0.00	55.52 2.24 0.00
CHAFFEE___LFGE 323603	46.27 1.48 0.00	44.29 1.82 0.00	39.88 1.12 0.00	39.99 0.48 0.00	40.27 0.56 0.00	41.12 0.37 0.00	43.47 0.64 0.00	45.50 -0.83 0.00	49.18 -0.05 0.00	50.66 0.85 0.00	52.79 1.54 0.00	56.96 1.93 0.00	61.91 2.21 0.00	67.32 1.39 0.00	69.95 1.84 0.00	77.18 0.31 0.00	83.56 2.36 0.00	91.31 2.91 0.00	86.41 2.76 0.00	82.11 0.73 0.00	72.49 0.22 0.00	65.95 -0.13 0.00	60.95 1.37 0.00	55.36 2.08 0.00
CHATEAUG_35_KV_LOAD 355732	44.17 -0.63 0.00	41.79 -0.68 0.00	38.18 -0.58 0.00	38.96 -0.55 0.00	39.36 -0.36 0.00	40.35 -0.41 0.00	42.44 -0.39 0.00	46.38 0.05 0.00	48.93 -0.30 0.00	49.31 -0.50 0.00	50.84 -0.41 0.00	54.32 -0.72 0.00	58.98 -0.72 0.00	65.08 -0.86 0.00	66.47 -1.63 0.00	75.18 -1.69 0.00	79.17 -2.03 0.00	84.95 -3.45 0.00	80.89 -2.76 0.00	79.92 -1.46 0.00	71.04 -1.23 0.00	65.15 -0.93 0.00	59.28 -0.30 0.00	52.91 -0.37 0.00
CHATEAUG_WT_PWR 323614	44.07 -0.72 0.00	41.75 -0.72 0.00	38.14 -0.62 0.00	38.92 -0.59 0.00	39.28 -0.44 0.00	40.27 -0.49 0.00	42.40 -0.43 0.00	46.24 -0.09 0.00	49.13 -0.10 0.00	49.61 -0.20 0.00	50.74 -0.51 0.00	54.21 -0.82 0.00	58.81 -0.89 0.00	64.95 -0.99 0.00	66.34 -1.77 0.00	74.95 -1.92 0.00	78.85 -2.36 0.00	84.60 -3.80 0.00	80.72 -2.93 0.00	79.51 -1.87 0.00	70.68 -1.59 0.00	65.15 -0.93 0.00	58.92 -0.65 0.00	52.65 -0.64 0.00
CHAT_HIGH_FALL_HYD 323578	44.17 -0.63 0.00	41.79 -0.68 0.00	38.18 -0.58 0.00	38.96 -0.55 0.00	39.36 -0.36 0.00	40.35 -0.41 0.00	42.44 -0.39 0.00	46.38 0.05 0.00	48.93 -0.30 0.00	49.31 -0.50 0.00	50.84 -0.41 0.00	54.32 -0.72 0.00	58.98 -0.72 0.00	65.08 -0.86 0.00	66.47 -1.63 0.00	75.18 -1.69 0.00	79.17 -2.03 0.00	84.95 -3.45 0.00	80.89 -2.76 0.00	79.92 -1.46 0.00	71.04 -1.23 0.00	65.15 -0.93 0.00	59.28 -0.30 0.00	52.91 -0.37 0.00
CHAUTAUQUA___LFGE 323629	46.90 2.11 0.00	44.89 2.42 0.00	40.43 1.67 0.00	40.53 1.03 0.00	40.83 1.11 0.00	41.70 0.94 0.00	44.16 1.33 0.00	46.15 -0.18 0.00	49.87 0.64 0.00	51.40 1.59 0.00	53.61 2.36 0.00	57.73 2.70 0.00	62.80 3.10 0.00	68.24 2.31 0.00	70.83 2.73 0.00	78.17 1.31 0.00	84.61 3.41 0.00	92.56 4.16 0.00	87.58 3.93 0.00	83.33 1.95 0.00	73.57 1.30 0.00	66.94 0.86 0.00	61.84 2.26 0.00	56.16 2.88 0.00
CHERRYST_13_KV_LD 356241	47.88 3.09 0.00	45.40 2.93 0.00	41.55 2.79 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.49 2.73 0.00	45.96 3.13 0.00	49.30 2.97 0.00	52.43 3.20 0.00	53.05 3.24 0.00	54.71 3.23 -0.23	59.04 3.36 -0.64	64.43 3.70 -1.03	71.23 4.35 -0.94	74.48 5.24 -1.13	84.16 6.38 -0.91	88.35 7.15 0.00	97.15 8.75 0.00	91.18 7.53 0.00	87.24 5.86 0.00	77.11 4.84 0.00	69.71 3.63 0.00	62.02 2.44 0.00	55.74 2.45 0.00

CHESTROR_138KV_BK263 355645	46.76 1.97 0.00	44.30 1.83 0.00	40.58 1.82 0.00	41.25 1.74 0.00	41.34 1.63 0.00	42.51 1.75 0.00	44.76 1.93 0.00	48.00 1.67 0.00	51.00 1.77 0.00	51.55 1.74 0.00	53.19 1.74 -0.19	57.46 1.87 -0.55	62.73 2.15 -0.88	69.31 2.57 -0.80	72.34 3.27 -0.97	81.64 4.00 -0.78	85.67 4.47 0.00	94.32 5.92 0.00	88.76 5.10 0.00	85.37 3.99 0.00	75.59 3.32 0.00	68.59 2.51 0.00	61.19 1.61 0.00	54.83 1.55 0.00
CH_MIDHUDSON___DRP 24192	46.99 2.19 0.00	44.55 2.08 0.00	40.78 2.02 0.00	41.48 1.98 0.00	41.54 1.83 0.00	42.75 2.00 0.00	45.01 2.18 0.00	48.23 1.90 0.00	51.30 2.07 0.00	51.80 1.99 0.00	53.36 1.95 -0.16	57.59 2.09 -0.46	62.89 2.45 -0.74	69.51 2.90 -0.68	72.60 3.68 -0.82	82.06 4.54 -0.66	86.24 5.03 0.00	95.12 6.72 0.00	89.51 5.86 0.00	85.94 4.56 0.00	76.10 3.83 0.00	69.05 2.97 0.00	61.48 1.91 0.00	55.10 1.81 0.00
CH_MISC_IPPS 23765	47.34 2.55 0.00	44.93 2.46 0.00	41.01 2.25 0.00	41.72 2.21 0.00	41.82 2.10 0.00	42.96 2.20 0.00	45.27 2.44 0.00	48.51 2.18 0.00	51.54 2.31 0.00	52.05 2.24 0.00	53.79 2.36 -0.18	58.24 2.70 -0.51	63.50 2.98 -0.81	70.17 3.49 -0.74	73.29 4.29 -0.89	82.97 5.38 -0.72	87.05 5.85 0.00	96.09 7.69 0.00	90.26 6.61 0.00	86.67 5.29 0.00	76.83 4.56 0.00	69.32 3.24 0.00	62.08 2.50 0.00	55.52 2.24 0.00
CH_RES_BVR_FALLS 23983	44.43 -0.36 0.00	42.13 -0.34 0.00	38.45 -0.31 0.00	39.23 -0.27 0.00	39.52 -0.20 0.00	40.55 -0.20 0.00	42.66 -0.17 0.00	46.33 0.00 0.00	49.23 0.00 0.00	49.76 -0.05 0.00	51.20 -0.05 0.00	54.93 -0.11 0.00	59.22 -0.48 0.00	65.34 -0.59 0.00	67.22 -0.89 0.00	75.95 -0.92 0.00	80.07 -1.14 0.00	86.72 -1.68 0.00	82.31 -1.34 0.00	80.41 -0.97 0.00	71.41 -0.86 0.00	65.48 -0.60 0.00	59.16 -0.41 0.00	53.23 -0.05 0.00
CH_RES_NIAGARA 23895	44.66 -0.13 0.00	43.36 0.89 0.00	38.60 -0.16 0.00	38.72 -0.79 0.00	38.96 -0.75 0.00	39.74 -1.02 0.00	41.97 -0.86 0.00	43.74 -2.59 0.00	47.36 -1.87 0.00	48.76 -1.05 0.00	51.00 -0.26 0.00	55.26 0.22 0.00	59.46 -0.24 0.00	64.42 -1.52 0.00	66.61 -1.50 0.00	73.95 -2.92 0.00	79.34 -1.87 0.00	86.99 -1.41 0.00	82.73 -0.92 0.00	78.62 -2.77 0.00	69.31 -2.96 0.00	64.23 -1.85 0.00	58.56 -1.01 0.00	53.34 0.05 0.00
CH_RES_SYRACUSE 23985	45.11 0.32 0.00	42.77 0.30 0.00	38.88 0.12 0.00	39.55 0.04 0.00	39.72 0.00 0.00	40.80 0.04 0.00	42.83 0.00 0.00	46.15 -0.18 0.00	49.37 -0.10 -0.24	50.60 0.05 -0.74	51.79 0.15 -0.38	55.73 -0.11 -0.80	60.98 -0.06 -1.34	67.87 -0.07 -2.00	68.38 0.27 0.00	76.87 0.00 0.00	81.45 0.24 0.00	89.19 0.79 0.00	84.32 0.67 0.00	82.98 0.16 -1.43	72.42 0.14 0.00	66.71 -0.07 -0.70	59.68 -0.06 -0.16	53.18 -0.11 0.00
CLINTON_WT_PWR 323605	44.07 -0.72 0.00	41.75 -0.72 0.00	38.14 -0.62 0.00	38.92 -0.59 0.00	39.28 -0.44 0.00	40.27 -0.49 0.00	42.40 -0.43 0.00	46.24 -0.09 0.00	49.13 -0.10 0.00	49.61 -0.20 0.00	50.74 -0.51 0.00	54.21 -0.82 0.00	58.81 -0.89 0.00	64.95 -0.99 0.00	66.34 -1.77 0.00	74.95 -1.92 0.00	78.85 -2.36 0.00	84.60 -3.80 0.00	80.72 -2.93 0.00	79.51 -1.87 0.00	70.68 -1.59 0.00	65.15 -0.93 0.00	58.92 -0.65 0.00	52.65 -0.64 0.00
CLINTON___LFGE 323618	44.39 -0.40 0.00	42.00 -0.47 0.00	38.37 -0.39 0.00	39.19 -0.32 0.00	39.56 -0.16 0.00	40.51 -0.24 0.00	42.66 -0.17 0.00	46.47 0.14 0.00	49.28 0.05 0.00	49.81 0.00 0.00	50.74 -0.51 0.00	54.05 -0.99 0.00	58.63 -1.07 0.00	64.82 -1.12 0.00	66.13 -1.98 0.00	74.87 -2.00 0.00	78.77 -2.43 0.00	84.60 -3.80 0.00	80.81 -2.84 0.00	79.59 -1.79 0.00	70.68 -1.59 0.00	65.22 -0.86 0.00	58.92 -0.65 0.00	52.70 -0.58 0.00
COBBLENY_34_KV_TB1 80064	46.32 1.52 0.00	44.76 2.29 0.00	39.88 1.12 0.00	39.98 0.47 0.00	40.27 0.56 0.00	41.08 0.33 0.00	43.47 0.64 0.00	45.50 -0.83 0.00	49.28 0.05 0.00	50.66 0.85 0.00	52.99 1.74 0.00	57.46 2.42 0.00	61.91 2.21 0.00	67.32 1.38 0.00	69.61 1.50 0.00	77.48 0.61 0.00	83.07 1.87 0.00	91.05 2.65 0.00	86.41 2.76 0.00	82.12 0.73 0.00	72.34 0.07 0.00	66.81 0.73 0.00	60.83 1.25 0.00	55.36 2.08 0.00
COFFEEN___115KV_TB3 355620	47.70 2.91 0.00	44.81 2.34 0.00	40.74 1.98 0.00	41.33 1.82 0.00	41.70 1.99 0.00	43.12 2.36 0.00	45.44 2.61 0.00	48.83 2.50 0.00	51.94 2.46 -0.25	53.07 2.49 -0.77	54.05 2.41 -0.39	58.35 2.48 -0.83	63.59 2.51 -1.38	70.58 2.57 -2.07	70.70 2.59 0.00	79.25 2.38 0.00	84.05 2.84 0.00	92.82 4.42 0.00	88.17 4.52 0.00	88.56 5.70 -1.48	77.62 5.35 0.00	71.63 4.82 -0.73	64.04 4.29 -0.17	56.70 3.41 0.00
COLDSPRG_115KV_BK1 355956	47.26 2.46 0.00	45.61 3.14 0.00	40.62 1.86 0.00	40.73 1.22 0.00	41.03 1.31 0.00	41.94 1.18 0.00	44.54 1.71 0.00	46.80 0.46 0.00	50.71 1.48 0.00	52.10 2.29 0.00	54.48 3.23 0.00	59.06 4.02 0.00	63.34 3.64 0.00	68.77 2.84 0.00	71.10 3.00 0.00	79.10 2.23 0.00	84.78 3.57 0.00	93.00 4.60 0.00	88.09 4.43 0.00	83.91 2.52 0.00	73.86 1.59 0.00	68.13 2.05 0.00	62.08 2.50 0.00	56.70 3.41 0.00
COLONIE_LFGE___ 323577	46.23 1.43 0.00	43.79 1.32 0.00	40.00 1.24 0.00	40.74 1.23 0.00	40.91 1.19 0.00	42.06 1.30 0.00	44.20 1.37 0.00	47.53 1.20 0.00	50.46 1.23 0.00	50.86 1.05 0.00	51.86 0.87 0.27	55.22 0.93 0.75	59.50 1.01 1.21	66.02 1.19 1.10	68.41 1.63 1.33	78.03 2.23 1.07	83.64 2.43 0.00	92.20 3.80 0.00	87.08 3.43 0.00	84.23 2.85 0.00	74.87 2.60 0.00	68.19 2.11 0.00	61.19 1.61 0.00	54.51 1.23 0.00
COOPERNY_115KV_TB1 80082	46.32 1.52 0.00	43.87 1.40 0.00	40.16 1.40 0.00	40.89 1.38 0.00	40.99 1.27 0.00	42.06 1.30 0.00	44.29 1.46 0.00	47.54 1.20 0.00	50.56 1.33 0.00	51.15 1.34 0.00	52.72 1.33 -0.13	56.90 1.49 -0.38	61.98 1.67 -0.61	68.47 1.98 -0.55	71.29 2.52 -0.67	80.40 3.00 -0.54	84.61 3.41 0.00	93.00 4.60 0.00	87.58 3.93 0.00	84.48 3.09 0.00	74.80 2.53 0.00	68.06 1.98 0.00	60.83 1.25 0.00	54.46 1.17 0.00
COPENHAGEN_WT_PWR 323753	47.08 2.28 0.00	44.21 1.74 0.00	40.23 1.47 0.00	40.85 1.34 0.00	41.19 1.47 0.00	42.59 1.84 0.00	44.89 2.06 0.00	48.28 1.95 0.00	51.41 1.92 -0.26	52.56 1.94 -0.81	53.51 1.84 -0.41	57.73 1.81 -0.87	63.07 1.91 -1.46	70.03 1.91 -2.18	70.15 2.04 0.00	78.64 1.77 0.00	83.31 2.11 0.00	91.76 3.36 0.00	87.17 3.51 0.00	87.25 4.31 -1.56	76.39 4.12 0.00	70.47 3.63 -0.76	63.09 3.33 -0.18	55.90 2.61 0.00
CORNELL_____ 23752	46.32 1.52 0.00	44.00 1.53 0.00	39.92 1.16 0.00	40.54 1.03 0.00	40.71 0.99 0.00	41.82 1.06 0.00	43.99 1.16 0.00	47.21 0.88 0.00	50.26 1.03 0.00	50.95 1.15 0.00	52.48 1.23 0.00	56.52 1.49 0.00	61.25 1.55 0.00	67.52 1.58 0.00	70.15 2.04 0.00	78.87 2.00 0.00	83.72 2.52 0.00	92.11 3.71 0.00	87.42 3.76 0.00	84.56 3.17 0.00	75.09 2.82 0.00	68.72 2.64 0.00	61.66 2.09 0.00	55.10 1.81 0.00

CORONA V_69 KV_TB1 355595	47.35 2.55 0.00	45.23 2.76 0.00	41.98 3.22 0.00	42.63 3.12 0.00	42.65 2.94 0.00	43.94 3.18 0.00	45.57 2.74 0.00	48.35 2.08 0.07	51.20 2.26 0.30	51.85 2.29 0.25	53.78 2.51 -0.02	58.65 2.97 -0.64	64.32 3.58 -1.03	71.62 4.75 -0.94	96.67 5.99 -22.57	114.22 6.99 -30.35	88.92 7.71 0.00	98.21 9.81 0.00	102.15 8.70 -9.79	88.06 6.67 0.00	77.47 5.20 0.00	69.65 3.57 0.00	60.58 1.91 0.90	54.55 1.87 0.60
CORTLAND_115KV_TB3 80093	45.87 1.08 0.00	43.53 1.06 0.00	39.57 0.81 0.00	40.22 0.71 0.00	40.39 0.68 0.00	41.49 0.73 0.00	43.60 0.77 0.00	46.89 0.56 0.00	49.92 0.69 0.00	50.61 0.80 0.00	52.12 0.87 0.00	56.14 1.10 0.00	60.83 1.13 0.00	67.06 1.12 0.00	69.67 1.57 0.00	78.33 1.46 0.00	82.99 1.79 0.00	91.14 2.74 0.00	86.33 2.68 0.00	83.58 2.20 0.00	74.15 1.88 0.00	67.86 1.78 0.00	60.89 1.31 0.00	54.46 1.17 0.00
COXSACKIE__GT 23611	46.54 1.75 0.00	44.10 1.65 0.02	40.27 1.51 0.00	41.01 1.50 0.00	41.19 1.47 0.00	42.39 1.63 0.00	41.80 1.71 2.74	43.87 1.44 3.90	45.71 1.38 4.89	45.81 1.05 5.05	46.41 0.72 5.56	48.87 0.77 6.93	51.99 0.90 8.61	56.43 1.32 10.82	58.15 1.77 11.72	64.47 2.46 14.85	67.83 2.92 16.29	90.11 5.13 3.42	87.11 5.10 1.64	85.35 4.64 0.67	76.03 3.76 0.00	69.25 3.17 0.00	62.26 2.68 0.00	55.31 2.02 0.00
CPV_VALLEY__CC1 323721	46.40 1.61 0.00	44.04 1.57 0.00	40.27 1.51 0.00	40.97 1.46 0.00	41.07 1.35 0.00	42.14 1.39 0.00	44.42 1.59 0.00	47.63 1.30 0.00	50.61 1.38 0.00	51.15 1.35 0.00	52.86 1.43 -0.17	57.17 1.65 -0.49	62.27 1.79 -0.78	68.70 2.05 -0.71	71.69 2.73 -0.86	81.02 3.46 -0.69	84.94 3.74 0.00	93.52 5.13 0.00	87.92 4.26 0.00	84.64 3.26 0.00	75.02 2.75 0.00	67.79 1.72 0.00	60.77 1.19 0.00	54.41 1.12 0.00
CPV_VALLEY__CC2 323722	46.40 1.61 0.00	44.04 1.57 0.00	40.27 1.51 0.00	40.97 1.46 0.00	41.07 1.35 0.00	42.14 1.39 0.00	44.42 1.59 0.00	47.63 1.30 0.00	50.61 1.38 0.00	51.15 1.35 0.00	52.86 1.43 -0.17	57.17 1.65 -0.49	62.27 1.79 -0.78	68.70 2.05 -0.71	71.69 2.73 -0.86	81.02 3.46 -0.69	84.94 3.74 0.00	93.52 5.13 0.00	87.92 4.26 0.00	84.64 3.26 0.00	75.02 2.75 0.00	67.79 1.72 0.00	60.77 1.19 0.00	54.41 1.12 0.00
CRESCENT__HYD 24018	46.23 1.43 0.00	43.79 1.32 0.00	40.00 1.24 0.00	40.74 1.23 0.00	40.91 1.19 0.00	42.06 1.30 0.00	44.20 1.37 0.00	47.53 1.20 0.00	50.46 1.23 0.00	50.86 1.05 0.00	51.86 0.87 0.27	55.22 0.93 0.75	59.50 1.01 1.21	66.02 1.19 1.10	68.41 1.63 1.33	78.03 2.23 1.07	83.64 2.43 0.00	92.20 3.80 0.00	87.08 3.43 0.00	84.23 2.85 0.00	74.87 2.60 0.00	68.19 2.11 0.00	61.19 1.61 0.00	54.51 1.23 0.00
CRICKET__VALLEY_CC1 323756	46.32 1.52 0.00	43.96 1.49 0.00	40.19 1.43 0.00	40.85 1.34 0.00	41.02 1.31 0.00	42.14 1.39 0.00	44.46 1.63 0.00	47.63 1.30 0.00	50.56 1.33 0.00	50.96 1.15 0.00	49.50 1.13 2.88	48.20 1.32 8.16	48.00 1.43 13.13	55.70 1.71 11.95	56.08 2.38 14.41	68.47 3.23 11.62	84.69 3.49 0.00	93.44 5.04 0.00	87.83 4.18 0.00	84.47 3.09 0.00	74.87 2.60 0.00	67.66 1.58 0.00	60.59 1.01 0.00	54.14 0.85 0.00
CRICKET__VALLEY_CC2 323757	46.32 1.52 0.00	43.96 1.49 0.00	40.19 1.43 0.00	40.85 1.34 0.00	41.02 1.31 0.00	42.14 1.39 0.00	44.46 1.63 0.00	47.63 1.30 0.00	50.56 1.33 0.00	50.96 1.15 0.00	49.50 1.13 2.88	48.20 1.32 8.16	48.00 1.43 13.13	55.70 1.71 11.95	56.08 2.38 14.41	68.47 3.23 11.62	84.69 3.49 0.00	93.44 5.04 0.00	87.83 4.18 0.00	84.47 3.09 0.00	74.87 2.60 0.00	67.66 1.58 0.00	60.59 1.01 0.00	54.14 0.85 0.00
CRICKET__VALLEY_CC3 323758	46.32 1.52 0.00	43.96 1.49 0.00	40.19 1.43 0.00	40.85 1.34 0.00	41.02 1.31 0.00	42.14 1.39 0.00	44.46 1.63 0.00	47.63 1.30 0.00	50.56 1.33 0.00	50.96 1.15 0.00	49.50 1.13 2.88	48.20 1.32 8.16	48.00 1.43 13.13	55.70 1.71 11.95	56.08 2.38 14.41	68.47 3.23 11.62	84.69 3.49 0.00	93.44 5.04 0.00	87.83 4.18 0.00	84.47 3.09 0.00	74.87 2.60 0.00	67.66 1.58 0.00	60.59 1.01 0.00	54.14 0.85 0.00
CRUCIBLE_METL_DRP 24180	45.11 0.31 0.00	42.81 0.34 0.00	38.88 0.12 0.00	39.55 0.04 0.00	39.72 0.00 0.00	40.80 0.04 0.00	42.83 0.00 0.00	46.15 -0.19 0.00	49.42 -0.05 -0.24	50.60 0.05 -0.74	51.79 0.15 -0.38	56.17 0.33 -0.80	61.04 0.00 -1.34	67.87 -0.07 -2.00	68.31 0.20 0.00	76.87 0.00 0.00	81.37 0.16 0.00	89.11 0.71 0.00	84.32 0.67 0.00	82.98 0.16 -1.43	72.34 0.07 0.00	66.91 0.13 -0.70	59.68 -0.06 -0.16	53.18 -0.11 0.00
DAHOWA__HYDRO 323763	46.90 2.11 0.00	44.25 1.78 0.00	40.43 1.67 0.00	41.13 1.62 0.00	41.34 1.63 0.00	42.51 1.75 0.00	44.59 1.76 0.00	47.95 1.62 0.00	50.90 1.67 0.00	51.25 1.45 0.00	52.01 0.97 0.22	55.47 1.04 0.61	59.73 1.01 0.99	66.29 1.25 0.90	68.59 1.57 1.08	78.23 2.23 0.87	83.72 2.52 0.00	92.56 4.16 0.00	87.92 4.26 0.00	85.37 3.99 0.00	76.17 3.90 0.00	69.51 3.43 0.00	62.44 2.86 0.00	55.52 2.24 0.00
DANC__LFGE 323619	46.09 1.30 0.00	43.45 0.98 0.00	39.53 0.77 0.00	40.18 0.67 0.00	40.47 0.75 0.00	41.73 0.98 0.00	43.90 1.07 0.00	47.26 0.93 0.00	50.45 0.89 -0.33	51.78 0.94 -1.03	52.70 0.92 -0.53	56.98 0.83 -1.11	62.45 0.90 -1.86	69.57 0.85 -2.77	69.13 1.02 0.00	77.56 0.69 0.00	82.18 0.98 0.00	90.26 1.86 0.00	85.58 1.93 0.00	85.73 2.36 -1.98	74.51 2.24 0.00	68.97 1.92 -0.97	61.65 1.85 -0.23	54.73 1.44 0.00
DANSKAMMER__1 23586	47.34 2.55 0.00	44.93 2.46 0.00	41.01 2.25 0.00	41.72 2.21 0.00	41.82 2.10 0.00	42.96 2.20 0.00	45.27 2.44 0.00	48.51 2.18 0.00	51.54 2.31 0.00	52.05 2.24 0.00	53.79 2.36 -0.18	58.24 2.70 -0.51	63.50 2.98 -0.81	70.17 3.49 -0.74	73.29 4.29 -0.89	82.97 5.38 -0.72	87.05 5.85 0.00	96.09 7.69 0.00	90.26 6.61 0.00	86.67 5.29 0.00	76.83 4.56 0.00	69.32 3.24 0.00	62.08 2.50 0.00	55.52 2.24 0.00
DANSKAMMER__2 23589	47.34 2.55 0.00	44.93 2.46 0.00	41.01 2.25 0.00	41.72 2.21 0.00	41.82 2.10 0.00	42.96 2.20 0.00	45.27 2.44 0.00	48.51 2.18 0.00	51.54 2.31 0.00	52.05 2.24 0.00	53.79 2.36 -0.18	58.24 2.70 -0.51	63.50 2.98 -0.81	70.17 3.49 -0.74	73.29 4.29 -0.89	82.97 5.38 -0.72	87.05 5.85 0.00	96.09 7.69 0.00	90.26 6.61 0.00	86.67 5.29 0.00	76.83 4.56 0.00	69.32 3.24 0.00	62.08 2.50 0.00	55.52 2.24 0.00
DANSKAMMER__3 23590	47.34 2.55 0.00	44.93 2.46 0.00	41.01 2.25 0.00	41.72 2.21 0.00	41.82 2.10 0.00	42.96 2.20 0.00	45.27 2.44 0.00	48.51 2.18 0.00	51.54 2.31 0.00	52.05 2.24 0.00	53.79 2.36 -0.18	58.24 2.70 -0.51	63.50 2.98 -0.81	70.17 3.49 -0.74	73.29 4.29 -0.89	82.97 5.38 -0.72	87.05 5.85 0.00	96.09 7.69 0.00	90.26 6.61 0.00	86.67 5.29 0.00	76.83 4.56 0.00	69.32 3.24 0.00	62.08 2.50 0.00	55.52 2.24 0.00

DANSKAMMER___4 23591	47.34 2.55 0.00	44.93 2.46 0.00	41.01 2.25 0.00	41.72 2.21 0.00	41.82 2.10 0.00	42.96 2.20 0.00	45.27 2.44 0.00	48.51 2.18 0.00	51.54 2.31 0.00	52.05 2.24 0.00	53.79 2.36 -0.18	58.24 2.70 -0.51	63.50 2.98 -0.81	70.17 3.49 -0.74	73.29 4.29 -0.89	82.97 5.38 -0.72	87.05 5.85 0.00	96.09 7.69 0.00	90.26 6.61 0.00	86.67 5.29 0.00	76.83 4.56 0.00	69.32 3.24 0.00	62.08 2.50 0.00	55.52 2.24 0.00
DANSKAMMER___DIESEL 23592	47.35 2.55 0.00	44.85 2.38 0.00	41.01 2.25 0.00	41.72 2.21 0.00	41.78 2.07 0.00	43.00 2.24 0.00	45.27 2.44 0.00	48.51 2.18 0.00	51.59 2.36 0.00	52.15 2.34 0.00	53.79 2.36 -0.18	58.08 2.53 -0.51	63.38 2.87 -0.81	70.17 3.49 -0.74	73.29 4.29 -0.89	82.81 5.23 -0.72	86.97 5.77 0.00	96.00 7.60 0.00	90.26 6.61 0.00	86.67 5.29 0.00	76.75 4.48 0.00	69.65 3.57 0.00	62.02 2.44 0.00	55.52 2.24 0.00
DARBY___SOLAR 323810	46.76 1.97 0.00	44.17 1.70 0.00	40.35 1.59 0.00	41.05 1.54 0.00	41.26 1.55 0.00	42.39 1.63 0.00	44.50 1.67 0.00	47.81 1.48 0.00	50.80 1.57 0.00	51.10 1.29 0.00	51.95 0.92 0.22	55.34 0.93 0.64	59.57 0.90 1.03	66.12 1.12 0.93	68.48 1.50 1.12	78.11 2.15 0.91	83.64 2.43 0.00	92.47 4.07 0.00	87.75 4.10 0.00	85.13 3.75 0.00	75.88 3.61 0.00	69.25 3.17 0.00	62.20 2.62 0.00	55.31 2.02 0.00
DASHVILLE___HYD 23610	46.90 2.11 0.00	44.50 2.04 0.01	40.58 1.82 0.00	41.33 1.82 0.00	41.38 1.67 0.00	42.55 1.79 0.00	44.44 2.27 0.66	47.38 1.99 0.94	50.17 2.12 1.18	50.68 2.09 1.22	52.09 2.05 1.21	55.93 2.20 1.31	60.77 2.57 1.50	66.95 3.10 2.08	69.80 3.88 2.19	78.49 4.69 3.07	82.56 5.28 3.93	94.56 6.98 0.82	89.36 6.11 0.40	86.11 4.88 0.16	75.74 3.47 0.00	68.79 2.71 0.00	61.30 1.73 0.00	54.94 1.65 0.00
DELAWARE___LFGE 323621	46.41 1.61 0.00	44.00 1.53 0.00	40.19 1.43 0.00	41.05 1.54 0.00	41.15 1.43 0.00	42.18 1.43 0.00	44.33 1.50 0.00	47.63 1.30 0.00	50.66 1.43 0.00	51.30 1.49 0.00	52.74 1.49 0.00	56.74 1.71 0.00	61.55 1.85 0.00	67.98 2.04 0.00	70.70 2.59 0.00	79.56 2.69 0.00	84.21 3.00 0.00	92.47 4.07 0.00	87.25 3.60 0.00	84.48 3.09 0.00	74.94 2.67 0.00	68.46 2.38 0.00	61.30 1.73 0.00	54.83 1.55 0.00
DERFIELD_115KV_TB7 355931	45.11 0.31 0.00	42.72 0.25 0.00	39.03 0.27 0.00	39.79 0.28 0.00	39.95 0.24 0.00	41.04 0.29 0.00	43.09 0.26 0.00	46.52 0.19 0.00	49.43 0.20 0.00	50.01 0.20 0.00	51.41 0.15 0.00	55.26 0.22 0.00	59.94 0.24 0.00	66.20 0.26 0.00	68.52 0.41 0.00	77.33 0.46 0.00	81.77 0.57 0.00	89.37 0.97 0.00	84.41 0.75 0.00	81.95 0.57 0.00	72.70 0.43 0.00	66.48 0.40 0.00	59.76 0.18 0.00	53.45 0.16 0.00
DOGLEVILLE___HYD 23807	45.55 0.76 0.00	43.15 0.68 0.00	39.34 0.58 0.00	40.10 0.59 0.00	40.31 0.60 0.00	41.45 0.69 0.00	43.60 0.77 0.00	46.98 0.65 0.00	49.92 0.69 0.00	50.51 0.70 0.00	51.92 0.67 0.00	55.81 0.77 0.00	60.54 0.84 0.00	66.86 0.92 0.00	69.26 1.16 0.00	78.02 1.15 0.00	82.34 1.14 0.00	90.08 1.68 0.00	85.07 1.42 0.00	82.60 1.22 0.00	73.35 1.08 0.00	67.07 0.99 0.00	60.41 0.83 0.00	54.03 0.75 0.00
DUNKIRK__115KV_TB_200 55889	46.85 2.06 0.00	45.27 2.80 0.00	40.35 1.59 0.00	40.46 0.95 0.00	40.75 1.03 0.00	41.61 0.86 0.00	44.03 1.20 0.00	46.05 -0.28 0.00	49.87 0.64 0.00	51.30 1.49 0.00	53.66 2.41 0.00	58.18 3.14 0.00	62.63 2.93 0.00	68.11 2.18 0.00	70.35 2.25 0.00	78.33 1.46 0.00	83.96 2.76 0.00	92.02 3.62 0.00	87.42 3.76 0.00	83.17 1.79 0.00	73.21 0.94 0.00	67.66 1.59 0.00	61.66 2.09 0.00	56.06 2.77 0.00
DUNKIRK___1 23563	46.85 2.06 0.00	45.27 2.80 0.00	40.35 1.59 0.00	40.46 0.95 0.00	40.75 1.03 0.00	41.61 0.86 0.00	44.03 1.20 0.00	46.05 -0.28 0.00	49.87 0.64 0.00	51.30 1.49 0.00	53.66 2.41 0.00	58.18 3.14 0.00	62.63 2.93 0.00	68.11 2.18 0.00	70.35 2.25 0.00	78.33 1.46 0.00	83.96 2.76 0.00	92.02 3.62 0.00	87.42 3.76 0.00	83.17 1.79 0.00	73.21 0.94 0.00	67.66 1.59 0.00	61.66 2.09 0.00	56.06 2.77 0.00
DUNKIRK___2 23564	46.85 2.06 0.00	45.27 2.80 0.00	40.35 1.59 0.00	40.46 0.95 0.00	40.75 1.03 0.00	41.61 0.86 0.00	44.03 1.20 0.00	46.05 -0.28 0.00	49.87 0.64 0.00	51.30 1.49 0.00	53.66 2.41 0.00	58.18 3.14 0.00	62.63 2.93 0.00	68.11 2.18 0.00	70.35 2.25 0.00	78.33 1.46 0.00	83.96 2.76 0.00	92.02 3.62 0.00	87.42 3.76 0.00	83.17 1.79 0.00	73.21 0.94 0.00	67.66 1.59 0.00	61.66 2.09 0.00	56.06 2.77 0.00
DUNKIRK___3 23565	46.50 1.70 0.00	44.98 2.51 0.00	40.08 1.32 0.00	40.22 0.71 0.00	40.51 0.79 0.00	41.33 0.57 0.00	43.73 0.90 0.00	45.73 -0.60 0.00	49.52 0.30 0.00	50.95 1.15 0.00	53.30 2.05 0.00	57.79 2.75 0.00	62.21 2.51 0.00	67.65 1.71 0.00	69.95 1.84 0.00	77.79 0.92 0.00	83.40 2.19 0.00	91.40 3.01 0.00	86.83 3.18 0.00	82.60 1.22 0.00	72.70 0.43 0.00	67.20 1.12 0.00	61.24 1.67 0.00	55.68 2.40 0.00
DUNKIRK___4 23566	46.50 1.70 0.00	44.98 2.51 0.00	40.08 1.32 0.00	40.22 0.71 0.00	40.51 0.79 0.00	41.33 0.57 0.00	43.73 0.90 0.00	45.73 -0.60 0.00	49.52 0.30 0.00	50.95 1.15 0.00	53.30 2.05 0.00	57.79 2.75 0.00	62.21 2.51 0.00	67.65 1.71 0.00	69.95 1.84 0.00	77.79 0.92 0.00	83.40 2.19 0.00	91.40 3.01 0.00	86.83 3.18 0.00	82.60 1.22 0.00	72.70 0.43 0.00	67.20 1.12 0.00	61.24 1.67 0.00	55.68 2.40 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	47.39 2.60 0.00	44.93 2.46 0.00	41.16 2.40 0.00	41.84 2.33 0.00	41.90 2.18 0.00	43.12 2.36 0.00	45.44 2.61 0.00	48.74 2.41 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.04 2.56 -0.23	58.43 2.75 -0.64	63.84 3.10 -1.03	70.50 3.63 -0.94	73.74 4.50 -1.13	83.32 5.53 -0.91	87.38 6.17 0.00	96.18 7.78 0.00	90.43 6.78 0.00	86.67 5.29 0.00	76.53 4.26 0.00	69.32 3.24 0.00	61.66 2.09 0.00	55.31 2.02 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.03 2.24 0.00	44.55 2.08 0.00	40.78 2.02 0.00	41.48 1.98 0.00	41.54 1.83 0.00	42.75 2.00 0.00	45.01 2.18 0.00	48.23 1.90 0.00	51.30 2.07 0.00	51.85 2.04 0.00	53.48 2.05 -0.18	57.74 2.20 -0.51	63.02 2.51 -0.81	69.64 2.97 -0.74	72.75 3.75 -0.89	82.12 4.54 -0.72	86.32 5.12 0.00	95.12 6.72 0.00	89.51 5.86 0.00	86.02 4.64 0.00	76.10 3.83 0.00	69.12 3.04 0.00	61.54 1.97 0.00	55.15 1.87 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	47.98 3.18 -0.01	45.49 3.02 -0.01	41.60 2.83 -0.01	42.24 2.73 -0.01	42.22 2.50 0.00	43.24 2.49 0.00	45.66 2.83 0.00	48.79 2.46 0.00	51.74 2.51 0.00	52.30 2.49 0.00	53.99 2.51 -0.23	58.05 2.37 -0.64	63.35 2.63 -1.03	70.17 3.30 -0.93	73.39 4.15 -1.13	82.92 5.15 -0.91	86.96 5.77 0.01	95.82 7.43 0.01	90.17 6.52 0.01	86.34 4.96 0.01	76.38 4.12 0.01	69.11 3.04 0.01	61.36 1.79 0.01	55.63 2.34 0.00

E179THST_13_KV_LOAD 356214	48.29 3.49 -0.01	45.79 3.31 -0.01	41.87 3.10 -0.01	42.48 2.96 -0.01	42.46 2.74 0.00	43.49 2.73 0.00	45.96 3.13 0.00	49.11 2.78 0.00	52.08 2.86 0.00	52.65 2.84 0.00	54.35 2.87 -0.23	58.49 2.81 -0.64	63.77 3.04 -1.03	70.69 3.82 -0.93	73.93 4.70 -1.13	83.54 5.77 -0.91	87.61 6.42 0.01	96.53 8.13 0.01	90.84 7.19 0.01	87.07 5.70 0.01	76.96 4.70 0.01	69.64 3.57 0.01	61.83 2.26 0.01	56.00 2.72 0.00
EAST HAMPTON___GT 23717	49.63 4.84 0.00	47.73 5.27 0.00	43.92 5.16 0.00	44.41 4.90 0.00	44.44 4.72 0.00	45.24 4.48 0.00	47.11 4.28 0.00	49.08 3.38 0.63	50.22 3.94 2.95	51.53 4.18 2.46	54.05 4.82 2.02	61.57 6.27 -0.26	67.75 7.64 -0.40	76.11 9.23 -0.94	81.65 11.17 -2.38	92.80 13.30 -2.63	122.59 14.21 -27.18	190.57 17.51 -84.66	163.52 15.82 -64.05	94.25 12.85 -0.01	82.07 9.98 0.17	72.75 6.67 0.00	55.03 4.53 9.08	51.33 4.10 6.06
EAST RIVER___6 23660	47.75 2.96 0.00	45.36 2.89 0.00	41.40 2.64 0.00	42.08 2.57 0.00	42.14 2.42 0.00	43.16 2.40 0.00	45.74 2.91 0.00	49.06 2.73 0.00	52.08 2.85 0.00	52.65 2.84 0.00	54.45 2.97 -0.23	58.93 3.25 -0.64	64.19 3.46 -1.03	70.83 3.96 -0.94	74.08 4.84 -1.13	83.93 6.15 -0.91	87.86 6.66 0.00	96.71 8.31 0.00	90.68 7.03 0.00	86.75 5.37 0.00	76.83 4.56 0.00	69.05 2.98 0.00	61.84 2.26 0.00	55.52 2.24 0.00
EAST RIVER___7 23524	47.75 2.96 0.00	45.36 2.89 0.00	41.40 2.64 0.00	42.08 2.57 0.00	42.14 2.42 0.00	43.16 2.40 0.00	45.74 2.91 0.00	49.06 2.73 0.00	52.08 2.85 0.00	52.65 2.84 0.00	54.45 2.97 -0.23	58.93 3.25 -0.64	64.19 3.46 -1.03	70.83 3.96 -0.94	74.08 4.84 -1.13	83.93 6.15 -0.91	87.86 6.66 0.00	96.71 8.31 0.00	90.68 7.03 0.00	86.75 5.37 0.00	76.83 4.56 0.00	69.05 2.98 0.00	61.84 2.26 0.00	55.52 2.24 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	47.30 2.51 0.00	44.85 2.38 0.00	41.05 2.29 0.00	41.72 2.21 0.00	41.82 2.10 0.00	43.00 2.24 0.00	45.31 2.48 0.00	48.60 2.27 0.00	51.69 2.46 0.00	52.25 2.44 0.00	53.89 2.41 -0.23	58.26 2.59 -0.64	63.66 2.93 -1.03	70.37 3.49 -0.94	73.53 4.29 -1.13	83.08 5.30 -0.91	87.05 5.85 0.00	95.91 7.51 0.00	90.09 6.44 0.00	86.43 5.05 0.00	76.39 4.12 0.00	69.18 3.11 0.00	61.54 1.97 0.00	55.26 1.97 0.00
EAST_HAMPTON___DIESEL 23722	49.63 4.84 0.00	47.78 5.31 0.00	43.96 5.20 0.00	44.45 4.94 0.00	44.44 4.72 0.00	45.28 4.52 0.00	47.11 4.28 0.00	49.08 3.38 0.63	50.26 3.99 2.95	51.58 4.23 2.46	54.10 4.87 2.02	61.63 6.33 -0.26	67.75 7.64 -0.40	76.18 9.30 -0.94	81.72 11.23 -2.38	92.87 13.37 -2.63	122.68 14.30 -27.18	190.56 17.51 -84.66	163.52 15.82 -64.05	94.34 12.94 -0.01	82.07 9.98 0.17	72.75 6.67 0.00	55.03 4.53 9.08	51.39 4.16 6.06
EAST_POINT___SOLAR 323840	48.60 3.81 0.00	45.91 3.44 0.00	41.82 3.06 0.00	42.59 3.08 0.00	42.85 3.14 0.00	44.02 3.26 0.00	45.74 2.91 0.00	48.19 1.86 0.00	50.80 1.57 0.00	50.75 0.94 0.00	51.84 0.72 0.13	55.34 0.66 0.36	59.71 0.60 0.58	66.46 1.05 0.53	69.78 2.32 0.64	78.74 2.39 0.52	84.12 2.92 0.00	92.64 4.24 0.00	89.51 5.85 0.00	88.46 7.08 0.00	79.50 7.23 0.00	72.62 6.54 0.00	65.24 5.66 0.00	57.92 4.63 0.00
EAST_PULASKI___ESR 323781	45.20 0.40 0.00	42.73 0.26 0.00	38.88 0.12 0.00	39.55 0.04 0.00	39.76 0.04 0.00	40.92 0.16 0.00	43.00 0.17 0.00	46.29 -0.05 0.00	49.68 -0.05 -0.50	51.36 0.00 -1.55	52.10 0.05 -0.79	56.55 -0.16 -1.67	62.31 -0.18 -2.79	69.84 -0.26 -4.17	68.04 -0.07 0.00	76.48 -0.38 0.00	81.04 -0.16 0.00	88.84 0.44 0.00	84.07 0.42 0.00	84.77 0.41 -2.98	72.71 0.44 0.00	67.74 0.20 -1.46	60.22 0.30 -0.34	53.45 0.16 0.00
EAST_RIVER___1 323558	47.75 2.96 0.00	45.36 2.89 0.00	41.40 2.64 0.00	42.08 2.57 0.00	42.14 2.42 0.00	43.20 2.45 0.00	45.74 2.91 0.00	49.11 2.78 0.00	52.13 2.90 0.00	52.70 2.89 0.00	54.50 3.02 -0.23	58.93 3.25 -0.64	64.19 3.46 -1.03	70.83 3.96 -0.94	74.15 4.91 -1.13	83.93 6.15 -0.91	87.86 6.66 0.00	96.80 8.40 0.00	90.76 7.11 0.00	86.92 5.54 0.00	76.83 4.56 0.00	69.05 2.98 0.00	61.84 2.26 0.00	55.52 2.24 0.00
EAST_RIVER___2 323559	47.75 2.96 0.00	45.36 2.89 0.00	41.40 2.64 0.00	42.08 2.57 0.00	42.14 2.42 0.00	43.16 2.40 0.00	45.74 2.91 0.00	49.06 2.73 0.00	52.08 2.85 0.00	52.65 2.84 0.00	54.45 2.97 -0.23	58.93 3.25 -0.64	64.19 3.46 -1.03	70.83 3.96 -0.94	74.08 4.84 -1.13	83.93 6.15 -0.91	87.86 6.66 0.00	96.71 8.31 0.00	90.68 7.03 0.00	86.75 5.37 0.00	76.83 4.56 0.00	69.05 2.98 0.00	61.84 2.26 0.00	55.52 2.24 0.00
EAST___DELAWARE_HYD 23607	46.90 2.11 0.00	44.46 2.00 0.00	40.54 1.78 0.00	41.25 1.74 0.00	41.31 1.59 0.00	42.47 1.71 0.00	44.55 1.93 0.21	47.69 1.67 0.30	50.57 1.72 0.38	51.11 1.69 0.39	52.76 1.79 0.28	57.01 2.09 0.12	62.03 2.33 -0.01	68.48 2.77 0.23	71.54 3.61 0.17	80.69 4.38 0.56	84.81 4.87 1.27	94.94 6.81 0.27	89.38 5.85 0.13	86.13 4.80 0.05	76.32 4.04 0.00	68.92 2.84 0.00	61.72 2.14 0.00	55.20 1.92 0.00
EIGHT_POINT___WT_PWR 323820	47.12 2.33 0.00	44.89 2.42 0.00	40.54 1.78 0.00	40.85 1.34 0.00	41.11 1.39 0.00	42.14 1.39 0.00	44.37 1.54 0.00	46.80 0.46 0.00	49.97 0.74 0.00	51.00 1.19 0.00	52.94 1.69 0.00	57.18 2.14 0.00	61.91 2.21 0.00	67.72 1.78 0.00	70.49 2.38 0.00	78.32 1.46 0.00	84.12 2.92 0.00	92.47 4.07 0.00	87.83 4.18 0.00	84.47 3.09 0.00	75.09 2.82 0.00	68.33 2.25 0.00	62.32 2.74 0.00	56.43 3.14 0.00
ELBRIDGE_115KV_TB2 80188	44.93 0.13 0.00	42.68 0.21 0.00	38.76 0.00 0.00	39.39 -0.12 0.00	39.60 -0.12 0.00	40.63 -0.12 0.00	42.70 -0.13 0.00	45.96 -0.37 0.00	49.18 -0.30 -0.24	50.36 -0.20 -0.75	51.59 -0.05 -0.39	55.91 0.06 -0.82	61.00 -0.06 -1.36	67.77 -0.20 -2.03	68.24 0.14 0.00	76.79 -0.08 0.00	81.29 0.08 0.00	89.11 0.71 0.00	84.41 0.75 0.00	83.00 0.16 -1.45	72.34 0.07 0.00	66.92 0.13 -0.71	59.68 -0.06 -0.17	53.23 -0.05 0.00
ELEC_TRO_TEK 24086	46.99 2.19 0.00	44.89 2.42 0.00	41.74 2.98 0.00	42.31 2.81 0.00	42.34 2.62 0.00	43.65 2.89 0.00	45.27 2.44 0.00	47.94 1.76 0.15	50.45 1.92 0.69	51.12 1.89 0.58	53.05 2.05 0.26	58.10 2.42 -0.64	63.72 2.98 -1.03	70.90 4.02 -0.94	84.26 5.24 -10.91	97.42 6.23 -14.33	88.03 6.82 0.00	97.15 8.75 0.00	95.73 7.61 -4.47	87.00 5.62 0.00	76.61 4.34 0.00	68.92 2.84 0.00	58.76 1.31 2.13	53.26 1.39 1.41
ELLENBURG_WT_PWR 323604	44.07 -0.72 0.00	41.75 -0.72 0.00	38.14 -0.62 0.00	38.92 -0.59 0.00	39.28 -0.44 0.00	40.27 -0.49 0.00	42.40 -0.43 0.00	46.24 -0.09 0.00	49.13 -0.10 0.00	49.61 -0.20 0.00	50.74 -0.51 0.00	54.21 -0.82 0.00	58.81 -0.89 0.00	64.95 -0.99 0.00	66.34 -1.77 0.00	74.95 -1.92 0.00	78.85 -2.36 0.00	84.60 -3.80 0.00	80.72 -2.93 0.00	79.51 -1.87 0.00	70.68 -1.59 0.00	65.15 -0.93 0.00	58.92 -0.65 0.00	52.65 -0.64 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	45.96 1.16 0.00	44.51 2.04 0.00	39.65 0.89 0.00	39.79 0.28 0.00	40.07 0.36 0.00	40.88 0.12 0.00	43.21 0.39 0.00	45.13 -1.20 0.00	48.88 -0.34 0.00	50.26 0.45 0.00	52.53 1.28 0.00	56.96 1.93 0.00	61.37 1.67 0.00	66.66 0.73 0.00	68.92 0.82 0.00	76.64 -0.23 0.00	82.18 0.97 0.00	90.08 1.68 0.00	85.58 1.92 0.00	81.38 0.00 0.00	71.69 -0.58 0.00	66.28 0.20 0.00	60.41 0.83 0.00	54.94 1.65 0.00
EMPIRE_CC_1 323656	45.37 0.58 0.00	42.98 0.51 0.00	39.34 0.58 0.00	40.06 0.55 0.00	40.27 0.56 0.00	41.41 0.65 0.00	43.51 0.68 0.00	46.70 0.37 0.00	49.58 0.35 0.00	49.96 0.15 0.00	50.91 0.00 0.34	54.01 -0.05 0.97	58.08 -0.06 1.56	64.58 0.07 1.42	66.88 0.48 1.71	76.41 0.93 1.38	82.26 1.05 0.00	90.52 2.12 0.00	85.32 1.67 0.00	82.44 1.06 0.00	73.21 0.94 0.00	66.60 0.53 0.00	59.76 0.18 0.00	53.29 0.00 0.00
EMPIRE_CC_2 323658	45.37 0.58 0.00	42.98 0.51 0.00	39.34 0.58 0.00	40.06 0.55 0.00	40.27 0.56 0.00	41.41 0.65 0.00	43.51 0.68 0.00	46.70 0.37 0.00	49.58 0.35 0.00	49.96 0.15 0.00	50.91 0.00 0.34	54.01 -0.05 0.97	58.08 -0.06 1.56	64.58 0.07 1.42	66.88 0.48 1.71	76.41 0.93 1.38	82.26 1.05 0.00	90.52 2.12 0.00	85.32 1.67 0.00	82.44 1.06 0.00	73.21 0.94 0.00	66.60 0.53 0.00	59.76 0.18 0.00	53.29 0.00 0.00
ENORWICH_115KV_TB1 80156	49.09 4.30 0.00	46.50 4.03 0.00	42.17 3.41 0.00	42.75 3.24 0.00	43.01 3.30 0.00	44.30 3.55 0.00	46.77 3.94 0.00	50.04 3.71 0.00	53.12 3.89 0.00	53.84 4.03 0.00	55.15 3.90 0.00	59.50 4.46 0.00	64.54 4.84 0.00	71.08 5.14 0.00	74.10 5.99 0.00	82.94 6.07 0.00	88.03 6.82 0.00	97.86 9.46 0.00	92.52 8.87 0.00	90.09 8.71 0.00	80.00 7.73 0.00	73.08 7.00 0.00	65.53 5.96 0.00	58.40 5.12 0.00
ERIE_ST__34_KV_TB1-2 80199	46.14 1.34 0.00	44.59 2.12 0.00	39.73 0.97 0.00	39.83 0.32 0.00	40.11 0.40 0.00	40.96 0.20 0.00	43.34 0.51 0.00	45.41 -0.93 0.00	49.23 0.00 0.00	50.66 0.85 0.00	52.94 1.69 0.00	57.46 2.42 0.00	61.91 2.21 0.00	67.32 1.38 0.00	69.61 1.50 0.00	77.48 0.61 0.00	83.15 1.95 0.00	91.14 2.74 0.00	86.41 2.76 0.00	82.12 0.73 0.00	72.20 -0.07 0.00	66.61 0.53 0.00	60.71 1.13 0.00	55.20 1.92 0.00
ERIE_WT_PWR 323693	46.18 1.39 0.00	44.25 1.78 0.00	39.84 1.08 0.00	39.99 0.48 0.00	40.23 0.51 0.00	41.08 0.32 0.00	43.43 0.60 0.00	45.41 -0.93 0.00	49.03 -0.20 0.00	50.56 0.75 0.00	52.68 1.43 0.00	56.80 1.76 0.00	61.73 2.03 0.00	67.13 1.19 0.00	69.67 1.57 0.00	76.87 0.00 0.00	83.23 2.03 0.00	90.96 2.57 0.00	86.08 2.43 0.00	81.87 0.49 0.00	72.27 0.00 0.00	65.82 -0.26 0.00	60.83 1.25 0.00	55.26 1.97 0.00
ESPRGFLD_115KV_TB1 80157	47.75 2.96 0.00	45.23 2.76 0.00	41.20 2.44 0.00	42.00 2.49 0.00	42.18 2.46 0.00	43.28 2.53 0.00	45.48 2.66 0.00	48.69 2.36 0.00	51.69 2.46 0.00	52.20 2.39 0.00	53.53 2.36 0.08	57.41 2.59 0.22	62.09 2.75 0.35	68.72 3.10 0.32	71.53 3.81 0.39	80.55 4.00 0.31	85.75 4.55 0.00	94.50 6.10 0.00	89.68 6.02 0.00	87.32 5.94 0.00	77.69 5.42 0.00	70.97 4.89 0.00	63.57 3.99 0.00	56.70 3.41 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.27 1.48 0.00	43.91 1.44 0.00	39.85 1.09 0.00	40.50 0.99 0.00	40.67 0.95 0.00	41.78 1.02 0.00	43.90 1.07 0.00	47.17 0.83 0.00	50.21 0.98 0.00	50.86 1.05 0.00	52.38 1.13 0.00	56.41 1.38 0.00	61.13 1.43 0.00	67.39 1.45 0.00	70.01 1.91 0.00	78.79 1.92 0.00	83.56 2.35 0.00	91.94 3.54 0.00	87.25 3.60 0.00	84.39 3.01 0.00	74.94 2.67 0.00	68.52 2.44 0.00	61.54 1.97 0.00	54.99 1.71 0.00
ETNA____115KV_TB2 80207	46.27 1.48 0.00	43.91 1.44 0.00	39.85 1.09 0.00	40.50 0.99 0.00	40.67 0.95 0.00	41.78 1.02 0.00	43.90 1.07 0.00	47.17 0.83 0.00	50.21 0.98 0.00	50.86 1.05 0.00	52.38 1.13 0.00	56.41 1.38 0.00	61.13 1.43 0.00	67.39 1.45 0.00	70.01 1.91 0.00	78.79 1.92 0.00	83.56 2.35 0.00	91.94 3.54 0.00	87.25 3.60 0.00	84.39 3.01 0.00	74.94 2.67 0.00	68.52 2.44 0.00	61.54 1.97 0.00	54.99 1.71 0.00
EUCLID__115KV_TB2 356179	44.61 -0.18 0.00	42.34 -0.13 0.00	38.49 -0.27 0.00	39.15 -0.36 0.00	39.32 -0.40 0.00	40.35 -0.41 0.00	42.40 -0.43 0.00	45.64 -0.69 0.00	48.71 -0.64 0.00	49.67 -0.50 -0.36	51.02 -0.41 -0.18	55.09 -0.33 -0.39	59.92 -0.42 -0.64	66.37 -0.53 -0.96	67.83 -0.27 0.00	76.41 -0.46 0.00	80.88 -0.32 0.00	88.58 0.18 0.00	83.82 0.17 0.00	81.66 -0.41 -0.69	71.84 -0.43 0.00	66.09 -0.33 -0.34	59.18 -0.48 -0.08	52.91 -0.37 0.00
E_CANADA_CAP_HY 24051	48.20 3.40 0.00	45.57 3.10 0.00	41.55 2.79 0.00	42.27 2.76 0.00	42.54 2.82 0.00	43.69 2.94 0.00	45.74 2.91 0.00	48.79 2.45 0.00	51.64 2.41 0.00	51.85 2.04 0.00	52.98 1.84 0.12	56.69 1.98 0.33	61.26 2.09 0.53	67.90 2.44 0.48	70.80 3.27 0.58	80.09 3.69 0.47	85.42 4.22 0.00	94.32 5.92 0.00	90.01 6.35 0.00	88.06 6.67 0.00	78.70 6.43 0.00	71.76 5.68 0.00	64.46 4.89 0.00	57.33 4.05 0.00
E_CANADA_MHWK_HY 24050	45.55 0.76 0.00	43.15 0.68 0.00	39.34 0.58 0.00	40.10 0.59 0.00	40.31 0.60 0.00	41.45 0.69 0.00	43.60 0.77 0.00	46.98 0.65 0.00	49.92 0.69 0.00	50.51 0.70 0.00	51.92 0.66 0.00	55.86 0.83 0.00	60.54 0.84 0.00	66.86 0.92 0.00	69.26 1.16 0.00	78.02 1.15 0.00	82.26 1.05 0.00	90.07 1.68 0.00	84.99 1.33 0.00	82.61 1.22 0.00	73.36 1.09 0.00	66.94 0.86 0.00	60.41 0.83 0.00	54.03 0.75 0.00
E_FISHKILL__LBMP 23776	46.76 1.97 0.00	44.34 1.87 0.00	40.62 1.86 0.00	41.33 1.82 0.00	41.42 1.71 0.00	42.59 1.83 0.00	44.84 2.01 0.00	48.09 1.76 0.00	51.10 1.87 0.00	51.60 1.79 0.00	53.23 1.74 -0.23	57.57 1.87 -0.66	62.91 2.15 -1.06	69.47 2.57 -0.96	72.61 3.34 -1.16	81.88 4.07 -0.94	85.83 4.63 0.00	94.50 6.10 0.00	88.84 5.19 0.00	85.37 3.99 0.00	75.52 3.25 0.00	68.52 2.44 0.00	61.07 1.49 0.00	54.73 1.44 0.00
FALCON__SEABRD_CC1 323796	44.07 -0.72 0.00	41.71 -0.76 0.00	38.10 -0.66 0.00	38.92 -0.59 0.00	39.28 -0.44 0.00	40.23 -0.53 0.00	42.36 -0.47 0.00	46.06 -0.28 0.00	48.89 -0.34 0.00	49.36 -0.45 0.00	50.12 -1.13 0.00	53.22 -1.81 0.00	57.79 -1.91 0.00	63.82 -2.11 0.00	65.18 -2.93 0.00	73.71 -3.15 0.00	77.55 -3.65 0.00	83.18 -5.22 0.00	79.39 -4.26 0.00	78.29 -3.09 0.00	69.52 -2.75 0.00	64.16 -1.92 0.00	57.91 -1.67 0.00	51.79 -1.49 0.00
FALCON__SEABRD_CC2 323797	44.07 -0.72 0.00	41.71 -0.76 0.00	38.10 -0.66 0.00	38.92 -0.59 0.00	39.28 -0.44 0.00	40.23 -0.53 0.00	42.36 -0.47 0.00	46.06 -0.28 0.00	48.89 -0.34 0.00	49.36 -0.45 0.00	50.12 -1.13 0.00	53.22 -1.81 0.00	57.79 -1.91 0.00	63.82 -2.11 0.00	65.18 -2.93 0.00	73.71 -3.15 0.00	77.55 -3.65 0.00	83.18 -5.22 0.00	79.39 -4.26 0.00	78.29 -3.09 0.00	69.52 -2.75 0.00	64.16 -1.92 0.00	57.91 -1.67 0.00	51.79 -1.49 0.00

FAR ROCKAWAY___4 23548	47.84 3.05 0.00	45.74 3.27 0.00	42.44 3.68 0.00	43.07 3.56 0.00	43.05 3.34 0.00	44.38 3.63 0.00	46.00 3.17 0.00	48.76 2.50 0.07	51.63 2.71 0.31	52.39 2.84 0.26	54.39 3.13 -0.01	59.42 3.74 -0.64	65.21 4.48 -1.03	72.61 5.74 -0.94	99.09 7.08 -23.90	117.41 8.38 -32.17	90.38 9.18 0.00	99.72 11.32 0.00	104.17 10.12 -10.40	89.36 7.98 0.00	78.56 6.29 0.00	70.57 4.49 0.00	61.25 2.62 0.94	55.16 2.50 0.63
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.75 2.96 0.00	45.27 2.80 0.00	41.43 2.67 0.00	42.08 2.57 0.00	42.14 2.42 0.00	43.32 2.57 0.00	45.78 2.96 0.00	49.11 2.78 0.00	52.18 2.95 0.00	52.80 2.99 0.00	54.45 2.97 -0.23	58.71 3.03 -0.64	64.14 3.40 -1.03	70.83 3.96 -0.94	74.08 4.84 -1.13	83.70 5.92 -0.91	87.86 6.66 0.00	96.71 8.31 0.00	90.85 7.19 0.00	86.92 5.53 0.00	76.75 4.48 0.00	69.45 3.37 0.00	61.78 2.20 0.00	55.52 2.24 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	47.75 2.96 0.00	45.27 2.80 0.00	41.43 2.67 0.00	42.08 2.57 0.00	42.14 2.42 0.00	43.32 2.57 0.00	45.78 2.96 0.00	49.11 2.78 0.00	52.18 2.95 0.00	52.80 2.99 0.00	54.40 2.92 -0.23	58.71 3.03 -0.64	64.14 3.40 -1.03	70.83 3.96 -0.94	74.08 4.84 -1.13	83.70 5.92 -0.91	87.86 6.66 0.00	96.71 8.31 0.00	90.85 7.19 0.00	86.92 5.53 0.00	76.82 4.55 0.00	69.45 3.37 0.00	61.78 2.20 0.00	55.58 2.29 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	47.70 2.91 0.00	45.23 2.76 0.00	41.40 2.64 0.00	42.04 2.53 0.00	42.10 2.38 0.00	43.28 2.53 0.00	45.74 2.91 0.00	49.07 2.73 0.00	52.18 2.95 0.00	52.75 2.94 0.00	54.40 2.92 -0.23	58.65 2.97 -0.64	64.08 3.34 -1.03	70.77 3.89 -0.94	74.01 4.77 -1.13	83.62 5.84 -0.91	87.78 6.58 0.00	96.53 8.13 0.00	90.68 7.03 0.00	86.84 5.45 0.00	76.68 4.41 0.00	69.38 3.30 0.00	61.72 2.14 0.00	55.47 2.18 0.00
FARRAGUT___LBMP 323566	47.66 2.87 0.00	45.19 2.72 0.00	41.36 2.60 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.24 2.49 0.00	45.70 2.87 0.00	49.02 2.69 0.00	52.08 2.86 0.00	52.70 2.89 0.00	54.30 2.82 -0.23	58.60 2.92 -0.64	63.96 3.22 -1.03	70.70 3.82 -0.94	73.87 4.63 -1.13	83.55 5.77 -0.91	87.62 6.42 0.00	96.44 8.04 0.00	90.60 6.94 0.00	86.75 5.37 0.00	76.61 4.34 0.00	69.32 3.24 0.00	61.66 2.09 0.00	55.42 2.13 0.00
FENNER___WINDPWR 24204	46.18 1.39 0.00	43.66 1.19 0.00	39.77 1.01 0.00	40.46 0.95 0.00	40.67 0.95 0.00	41.81 1.06 0.00	43.99 1.16 0.00	47.35 1.02 0.00	50.36 1.13 0.00	51.05 1.25 0.00	52.53 1.28 0.00	56.47 1.43 0.00	61.25 1.55 0.00	67.65 1.71 0.00	70.22 2.11 0.00	78.86 2.00 0.00	83.56 2.36 0.00	91.76 3.36 0.00	86.66 3.01 0.00	84.23 2.85 0.00	74.80 2.53 0.00	68.13 2.05 0.00	61.43 1.85 0.00	54.78 1.49 0.00
FIBERTEK___ENERGY 23856	45.11 0.31 0.00	42.81 0.34 0.00	38.88 0.12 0.00	39.55 0.04 0.00	39.72 0.00 0.00	40.80 0.04 0.00	42.83 0.00 0.00	46.15 -0.19 0.00	49.42 -0.05 -0.24	50.60 0.05 -0.74	51.79 0.15 -0.38	56.17 0.33 -0.80	61.04 0.00 -1.34	67.87 -0.07 -2.00	68.31 0.20 0.00	76.87 0.00 0.00	81.37 0.16 0.00	89.11 0.71 0.00	84.32 0.67 0.00	82.98 0.16 -1.43	72.34 0.07 0.00	66.91 0.13 -0.70	59.68 -0.06 -0.16	53.18 -0.11 0.00
FITZPATRICK___ 23598	43.85 -0.94 0.00	41.62 -0.85 0.00	37.91 -0.85 0.00	38.56 -0.95 0.00	38.76 -0.95 0.00	39.78 -0.98 0.00	41.80 -1.03 0.00	45.03 -1.30 0.00	45.61 -1.38 2.24	41.60 -1.30 6.91	46.43 -1.28 3.54	46.19 -1.37 7.48	45.81 -1.43 12.46	45.68 -1.65 18.62	66.61 -1.50 0.00	74.95 -1.92 0.00	79.42 -1.79 0.00	86.81 -1.59 0.00	82.15 -1.50 0.00	66.20 -1.87 13.31	70.61 -1.66 0.00	57.90 -1.65 6.53	56.63 -1.43 1.52	52.01 -1.28 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.44 2.64 0.00	44.93 2.46 0.00	41.09 2.33 0.00	41.80 2.29 0.00	41.86 2.14 0.00	43.08 2.32 0.00	45.36 2.53 0.00	48.60 2.27 0.00	51.64 2.41 0.00	52.25 2.44 0.00	53.84 2.41 -0.18	58.20 2.64 -0.52	63.52 2.98 -0.83	70.32 3.63 -0.76	73.45 4.43 -0.91	82.99 5.38 -0.74	87.21 6.01 0.00	96.27 7.87 0.00	90.51 6.86 0.00	86.92 5.53 0.00	76.90 4.63 0.00	69.78 3.70 0.00	62.14 2.56 0.00	55.63 2.34 0.00
FORT ORANGE___ 23900	44.97 0.18 0.00	42.64 0.17 0.00	38.99 0.23 0.00	39.75 0.24 0.00	39.92 0.20 0.00	41.00 0.25 0.00	42.56 0.17 0.44	45.66 -0.05 0.63	48.35 -0.10 0.79	48.70 -0.30 0.81	49.74 -0.46 1.05	53.05 -0.44 1.55	57.14 -0.48 2.08	63.17 -0.39 2.37	65.32 -0.14 2.65	74.10 0.23 3.00	78.91 0.33 2.62	89.18 1.33 0.55	84.47 1.08 0.26	81.92 0.65 0.11	72.78 0.51 0.00	66.21 0.13 0.00	59.58 0.00 0.00	53.07 -0.21 0.00
FORT_DRUM_COGEN 23780	47.26 2.46 0.00	44.38 1.91 0.00	40.35 1.59 0.00	40.97 1.46 0.00	41.34 1.63 0.00	42.75 2.00 0.00	45.10 2.27 0.00	48.51 2.18 0.00	51.58 2.12 -0.23	52.67 2.14 -0.72	53.67 2.05 -0.37	57.91 2.09 -0.78	63.15 2.15 -1.30	70.06 2.18 -1.94	70.29 2.18 0.00	78.87 2.00 0.00	83.56 2.35 0.00	92.02 3.62 0.00	87.33 3.68 0.00	87.49 4.72 -1.39	76.68 4.41 0.00	70.86 4.10 -0.68	63.37 3.63 -0.16	56.16 2.88 0.00
FOX_HILLS___ESR 323835	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.22 2.50 0.00	43.24 2.49 0.00	45.70 2.87 0.00	48.69 2.36 0.00	50.46 2.36 1.13	50.52 2.39 1.68	50.63 2.41 3.03	52.08 2.37 5.32	54.63 2.63 7.69	60.74 3.30 8.49	65.17 4.15 7.09	78.36 5.23 3.74	82.48 5.68 4.41	91.16 7.34 4.58	84.35 6.36 5.66	74.04 4.80 12.14	65.25 3.90 10.92	59.12 2.78 9.74	52.96 1.55 8.17	51.43 1.87 3.72
FPL_FAR_ROCK_GT1 24212	48.16 3.36 0.00	46.21 3.74 0.00	42.44 3.68 0.00	43.07 3.56 0.00	43.09 3.37 0.00	44.02 3.26 0.00	46.00 3.17 0.00	48.76 2.50 0.07	51.58 2.66 0.31	52.29 2.74 0.26	54.44 3.18 -0.01	59.59 3.91 -0.64	65.45 4.72 -1.03	72.61 5.73 -0.94	99.15 7.15 -23.90	117.57 8.53 -32.17	90.22 9.01 0.00	99.82 11.41 -0.01	104.17 10.12 -10.40	89.36 7.98 0.00	78.63 6.36 0.00	70.11 4.03 0.00	61.32 2.68 0.94	55.16 2.51 0.63
FPL_FAR_ROCK_GT2 23815	48.16 3.36 0.00	46.21 3.74 0.00	42.44 3.68 0.00	43.07 3.56 0.00	43.09 3.37 0.00	44.02 3.26 0.00	46.00 3.17 0.00	48.76 2.50 0.07	51.58 2.66 0.31	52.29 2.74 0.26	54.44 3.18 -0.01	59.59 3.91 -0.64	65.45 4.72 -1.03	72.61 5.73 -0.94	99.15 7.15 -23.90	117.57 8.53 -32.17	90.22 9.01 0.00	99.82 11.41 -0.01	104.17 10.12 -10.40	89.36 7.98 0.00	78.63 6.36 0.00	70.11 4.03 0.00	61.32 2.68 0.94	55.16 2.51 0.63
FRANKLIN_FALL_HYD 24054	44.75 -0.04 0.00	42.30 -0.17 0.00	38.64 -0.12 0.00	39.47 -0.04 0.00	39.87 0.16 0.00	40.80 0.04 0.00	43.04 0.21 0.00	47.07 0.74 0.00	49.72 0.49 0.00	50.16 0.35 0.00	51.76 0.51 0.00	55.31 0.28 0.00	60.06 0.36 0.00	66.14 0.20 0.00	67.43 -0.68 0.00	76.17 -0.69 0.00	80.23 -0.97 0.00	85.92 -2.48 0.00	81.98 -1.67 0.00	80.98 -0.41 0.00	72.05 -0.22 0.00	66.14 0.07 0.00	60.17 0.60 0.00	53.77 0.48 0.00

FREEPORT_EQUS_GT1 23764	47.66 2.87 0.00	45.74 3.27 0.00	42.09 3.33 0.00	42.67 3.16 0.00	42.70 2.98 0.00	43.61 2.85 0.00	45.57 2.74 0.00	47.97 1.99 0.35	49.71 2.12 1.63	50.49 2.04 1.36	52.71 2.36 0.90	58.65 2.97 -0.64	64.44 3.70 -1.03	71.56 4.68 -0.94	83.51 6.06 -9.34	96.12 7.07 -12.19	88.27 7.06 0.00	97.69 9.28 -0.01	95.52 8.11 -3.75	87.32 5.94 0.00	77.19 4.92 0.00	69.05 2.98 0.00	56.29 1.73 5.01	51.67 1.70 3.32
FREEPORT___CT2 23818	47.66 2.87 0.00	45.74 3.27 0.00	42.09 3.33 0.00	42.67 3.16 0.00	42.70 2.98 0.00	43.61 2.85 0.00	45.57 2.74 0.00	47.97 1.99 0.35	49.71 2.12 1.63	50.49 2.04 1.36	52.71 2.36 0.90	58.65 2.97 -0.64	64.44 3.70 -1.03	71.56 4.68 -0.94	83.51 6.06 -9.34	96.12 7.07 -12.19	88.27 7.06 0.00	97.69 9.28 -0.01	95.52 8.11 -3.75	87.32 5.94 0.00	77.19 4.92 0.00	69.05 2.98 0.00	56.29 1.73 5.01	51.67 1.70 3.32
FRESHKLS_33_KV_LOAD 356253	48.24 3.45 0.00	45.70 3.23 0.00	41.71 2.95 0.00	42.31 2.81 0.00	42.34 2.62 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.69 2.36 0.00	50.37 2.26 1.13	50.42 2.29 1.68	50.53 2.31 3.03	52.03 2.31 5.32	54.63 2.63 7.69	60.74 3.30 8.49	65.17 4.15 7.09	78.36 5.23 3.74	82.48 5.68 4.41	91.16 7.34 4.58	84.35 6.36 5.66	74.04 4.80 12.14	65.25 3.90 10.92	59.12 2.78 9.74	52.90 1.49 8.17	51.38 1.81 3.72
FULTON COGEN____ 23766	44.57 -0.22 0.00	42.30 -0.17 0.00	38.41 -0.35 0.00	39.07 -0.43 0.00	39.24 -0.48 0.00	40.31 -0.45 0.00	42.36 -0.47 0.00	45.64 -0.69 0.00	49.14 -0.69 -0.60	51.07 -0.60 -0.51	51.69 -0.55 -2.01	56.49 -0.60 -2.01	62.45 -0.73 -3.34	70.21 -0.48 -4.99	67.63 -0.69 0.00	76.17 -0.57 0.00	80.64 -0.57 0.00	88.31 -0.09 0.00	83.57 -0.08 0.00	84.47 -0.49 -3.57	71.76 -0.51 0.00	67.43 -0.40 -1.75	59.45 -0.54 -0.41	52.81 -0.48 0.00
FULTON___LFGE 323630	48.24 3.45 0.00	45.57 3.10 0.00	41.55 2.79 0.00	42.27 2.76 0.00	42.54 2.82 0.00	43.73 2.97 0.00	45.74 2.91 0.00	48.92 2.59 0.00	51.79 2.56 0.00	52.00 2.19 0.00	53.12 2.00 0.13	56.76 2.09 0.37	61.31 2.21 0.60	68.03 2.64 0.55	70.79 3.34 0.66	80.18 3.84 0.53	85.59 4.38 0.00	94.59 6.19 0.00	90.18 6.53 0.00	88.06 6.67 0.00	78.63 6.36 0.00	71.76 5.68 0.00	64.46 4.89 0.00	57.28 4.00 0.00
G.F.CEMENT___DRP 24184	46.94 2.15 0.00	44.25 1.78 0.00	40.39 1.63 0.00	41.05 1.54 0.00	41.30 1.59 0.00	42.51 1.75 0.00	44.50 1.67 0.00	47.91 1.58 0.00	51.00 1.77 0.00	51.40 1.59 0.00	51.97 0.92 0.20	55.40 0.94 0.57	59.68 0.90 0.92	66.22 1.12 0.84	68.53 1.43 1.01	78.13 2.08 0.81	83.64 2.44 0.00	92.55 4.15 0.00	88.17 4.52 0.00	85.61 4.23 0.00	76.46 4.19 0.00	70.04 3.96 0.00	62.67 3.10 0.00	55.68 2.40 0.00
GARDENVILLE___LBMP 24039	46.09 1.30 0.00	44.59 2.12 0.00	39.73 0.97 0.00	39.86 0.36 0.00	40.15 0.44 0.00	40.96 0.20 0.00	43.30 0.47 0.00	45.27 -1.07 0.00	48.98 -0.25 0.00	50.36 0.55 0.00	52.69 1.44 0.00	57.13 2.09 0.00	61.49 1.79 0.00	66.86 0.92 0.00	69.13 1.02 0.00	76.87 0.00 0.00	82.42 1.22 0.00	90.34 1.94 0.00	85.83 2.17 0.00	81.63 0.24 0.00	71.91 -0.36 0.00	66.48 0.40 0.00	60.53 0.95 0.00	55.10 1.81 0.00
GARDNVLA_35_KV_LD 355827	46.27 1.48 0.00	44.81 2.34 0.00	39.88 1.12 0.00	40.02 0.51 0.00	40.27 0.56 0.00	41.08 0.33 0.00	43.47 0.64 0.00	45.45 -0.88 0.00	49.23 0.00 0.00	50.66 0.85 0.00	52.94 1.69 0.00	57.46 2.42 0.00	61.91 2.21 0.00	67.26 1.32 0.00	69.61 1.50 0.00	77.40 0.54 0.00	82.99 1.79 0.00	90.96 2.56 0.00	86.33 2.68 0.00	82.12 0.73 0.00	72.27 0.00 0.00	66.81 0.73 0.00	60.89 1.31 0.00	55.36 2.08 0.00
GELCKHM___115KV_LOAD 80723	44.79 0.00 0.00	42.51 0.04 0.00	38.64 -0.12 0.00	39.27 -0.24 0.00	39.48 -0.24 0.00	40.51 -0.24 0.00	42.57 -0.26 0.00	45.82 -0.51 0.00	49.01 -0.39 -0.17	50.04 -0.30 -0.52	51.37 -0.15 -0.27	55.55 -0.06 -0.57	60.41 -0.24 -0.95	67.02 -0.33 -1.41	68.04 -0.07 0.00	76.56 -0.31 0.00	81.04 -0.16 0.00	88.75 0.35 0.00	83.99 0.33 0.00	82.23 -0.16 -1.01	72.05 -0.22 0.00	66.38 -0.20 -0.50	59.33 -0.36 -0.12	53.02 -0.27 0.00
GENERAL___MILLS 23808	46.18 1.39 0.00	44.68 2.21 0.00	39.81 1.05 0.00	39.94 0.43 0.00	40.19 0.48 0.00	41.04 0.29 0.00	43.39 0.56 0.00	45.36 -0.97 0.00	49.08 -0.15 0.00	50.51 0.70 0.00	52.79 1.54 0.00	57.29 2.26 0.00	61.67 1.97 0.00	67.06 1.12 0.00	69.33 1.23 0.00	77.10 0.23 0.00	82.67 1.46 0.00	90.70 2.30 0.00	86.08 2.43 0.00	81.87 0.49 0.00	72.05 -0.22 0.00	66.61 0.53 0.00	60.71 1.13 0.00	55.20 1.92 0.00
GE_PLASTICS___DRP 24183	44.84 0.04 0.00	42.41 0.00 0.06	38.95 0.19 0.00	39.75 0.24 0.00	39.87 0.16 0.00	40.96 0.20 0.00	35.11 0.09 7.81	35.11 -0.14 11.08	35.16 -0.15 13.92	35.16 -0.30 14.35	35.06 -0.46 15.73	35.06 -0.50 19.49	35.05 -0.54 24.11	35.11 -0.40 30.43	35.11 -0.07 32.93	35.03 0.08 41.91	35.11 0.24 46.34	79.65 0.97 9.72	79.65 0.67 4.67	79.73 0.24 1.90	72.41 0.14 0.00	66.14 0.07 0.00	59.16 -0.42 0.00	52.86 -0.43 0.00
GILBOA___1 23756	45.82 1.03 0.00	43.45 0.98 0.00	39.84 1.08 0.00	41.01 1.50 0.00	41.02 1.31 0.00	41.98 1.22 0.00	43.82 0.99 0.00	47.07 0.74 0.00	50.01 0.79 0.00	50.56 0.75 0.00	52.01 0.72 -0.04	55.97 0.83 -0.10	60.82 0.95 -0.17	67.14 1.05 -0.15	69.86 1.57 -0.18	78.78 1.77 -0.15	82.91 1.71 0.00	90.87 2.47 0.00	85.66 2.00 0.00	82.93 1.54 0.00	73.79 1.52 0.00	67.20 1.12 0.00	60.35 0.77 0.00	53.98 0.69 0.00
GILBOA___2 23757	45.82 1.03 0.00	43.45 0.98 0.00	39.84 1.08 0.00	41.01 1.50 0.00	41.02 1.31 0.00	41.98 1.22 0.00	43.82 0.99 0.00	47.07 0.74 0.00	50.01 0.79 0.00	50.56 0.75 0.00	52.01 0.72 -0.04	55.97 0.83 -0.10	60.82 0.95 -0.17	67.14 1.05 -0.15	69.86 1.57 -0.18	78.78 1.77 -0.15	82.91 1.71 0.00	90.87 2.47 0.00	85.66 2.00 0.00	82.93 1.54 0.00	73.79 1.52 0.00	67.20 1.12 0.00	60.35 0.77 0.00	53.98 0.69 0.00
GILBOA___3 23758	45.82 1.03 0.00	43.45 0.98 0.00	39.84 1.08 0.00	41.01 1.50 0.00	41.02 1.31 0.00	41.98 1.22 0.00	43.82 0.99 0.00	47.07 0.74 0.00	50.01 0.79 0.00	50.56 0.75 0.00	52.01 0.72 -0.04	55.97 0.83 -0.10	60.82 0.95 -0.17	67.14 1.05 -0.15	69.86 1.57 -0.18	78.78 1.77 -0.15	82.91 1.71 0.00	90.87 2.47 0.00	85.66 2.00 0.00	82.93 1.54 0.00	73.79 1.52 0.00	67.20 1.12 0.00	60.35 0.77 0.00	53.98 0.69 0.00
GILBOA___4 23759	45.82 1.03 0.00	43.45 0.98 0.00	39.84 1.08 0.00	41.01 1.50 0.00	41.02 1.31 0.00	41.98 1.22 0.00	43.82 0.99 0.00	47.07 0.74 0.00	50.01 0.79 0.00	50.56 0.75 0.00	52.01 0.72 -0.04	55.97 0.83 -0.10	60.82 0.95 -0.17	67.14 1.05 -0.15	69.86 1.57 -0.18	78.78 1.77 -0.15	82.91 1.71 0.00	90.87 2.47 0.00	85.66 2.00 0.00	82.93 1.54 0.00	73.79 1.52 0.00	67.20 1.12 0.00	60.35 0.77 0.00	53.98 0.69 0.00

GILBOA____ 23599	45.82 1.03 0.00	43.40 0.93 0.00	39.85 1.09 0.00	41.01 1.50 0.00	41.03 1.31 0.00	41.86 1.10 0.00	43.81 0.99 0.00	47.07 0.74 0.00	50.07 0.84 0.00	50.61 0.80 0.00	52.01 0.72 -0.04	55.91 0.77 -0.10	60.76 0.90 -0.17	67.14 1.05 -0.15	69.79 1.50 -0.18	78.71 1.69 -0.15	82.91 1.71 0.00	90.79 2.39 0.00	85.66 2.01 0.00	82.93 1.55 0.00	73.79 1.52 0.00	67.40 1.32 0.00	60.35 0.77 0.00	53.98 0.69 0.00
GINNA____ 23603	43.76 -1.03 0.00	41.66 -0.81 0.00	37.60 -1.16 0.00	38.05 -1.46 0.00	38.21 -1.51 0.00	39.17 -1.59 0.00	41.25 -1.58 0.00	44.06 -2.27 0.00	47.11 -2.12 0.00	48.32 -1.49 0.00	50.17 -1.08 0.00	53.88 -1.16 0.00	58.63 -1.07 0.00	64.29 -1.65 0.00	66.95 -1.16 0.00	74.64 -2.23 0.00	79.74 -1.46 0.00	87.60 -0.80 0.00	82.90 -0.75 0.00	79.51 -1.87 0.00	70.25 -2.02 0.00	64.16 -1.92 0.00	58.32 -1.25 0.00	52.33 -0.96 0.00
GLEN PARK____ 23778	47.62 2.82 0.00	44.68 2.21 0.00	40.66 1.90 0.00	41.25 1.74 0.00	41.62 1.91 0.00	43.04 2.28 0.00	45.36 2.53 0.00	48.74 2.41 0.00	51.84 2.36 -0.25	53.01 2.44 -0.76	53.95 2.31 -0.39	58.17 2.31 -0.82	63.46 2.39 -1.37	70.43 2.44 -2.05	70.63 2.52 0.00	79.10 2.23 0.00	83.97 2.76 0.00	92.64 4.24 0.00	88.00 4.35 0.00	88.30 5.45 -1.47	77.40 5.13 0.00	71.35 4.56 -0.72	63.85 4.11 -0.17	56.54 3.25 0.00
GLENDALE_27_KV_LOAD 356172	48.11 3.31 0.00	45.57 3.10 0.00	41.67 2.91 0.00	42.31 2.81 0.00	42.34 2.62 0.00	43.45 2.69 0.00	45.96 3.13 0.00	49.25 2.92 0.00	52.28 3.05 0.00	52.90 3.09 0.00	54.60 3.13 -0.23	58.76 3.08 -0.64	64.13 3.40 -1.03	70.83 3.96 -0.93	74.07 4.84 -1.13	83.77 6.00 -0.91	87.86 6.66 0.01	96.70 8.31 0.01	90.92 7.28 0.01	86.99 5.62 0.01	76.82 4.55 0.01	69.51 3.44 0.01	61.83 2.26 0.01	55.79 2.50 0.00
GLENWOOD_IC_1_G5 23712	47.44 2.64 0.00	45.15 2.68 0.00	41.71 2.95 0.00	42.31 2.81 0.00	42.38 2.66 0.00	43.61 2.85 0.00	45.57 2.74 0.00	48.39 2.27 0.21	50.72 2.46 0.98	51.49 2.49 0.81	53.52 2.72 0.45	58.38 2.70 -0.64	63.96 3.22 -1.03	70.97 4.09 -0.94	79.97 5.18 -6.69	91.63 6.23 -8.54	88.03 6.82 0.00	97.06 8.66 0.00	93.72 7.53 -2.54	87.08 5.70 0.00	76.68 4.41 0.00	69.12 3.04 0.00	58.19 1.61 3.00	53.27 1.97 1.99
GLENWOOD_IC_2_G1 23688	47.44 2.64 0.00	45.23 2.76 0.00	41.43 2.67 0.00	42.08 2.57 0.00	42.14 2.42 0.00	43.16 2.61 0.00	45.44 2.61 0.00	48.51 2.18 0.00	51.53 2.31 0.01	52.09 2.29 0.01	53.98 2.51 -0.22	58.59 2.92 -0.64	64.07 3.34 -1.03	70.83 3.96 -0.94	77.02 4.97 -3.95	87.79 6.15 -4.77	87.78 6.57 0.00	96.89 8.49 -0.01	92.21 7.27 -1.29	86.92 5.54 0.00	76.75 4.48 0.00	68.92 2.84 0.00	61.40 1.85 0.03	55.13 1.86 0.02
GLENWOOD_IC_3_G1 23689	47.44 2.64 0.00	45.23 2.76 0.00	41.43 2.67 0.00	42.08 2.57 0.00	42.14 2.42 0.00	43.16 2.40 0.00	45.44 2.61 0.00	48.51 2.18 0.00	51.53 2.31 0.01	52.09 2.29 0.01	53.98 2.51 -0.22	58.59 2.92 -0.64	64.07 3.34 -1.03	70.83 3.96 -0.94	77.02 4.97 -3.95	87.79 6.15 -4.77	87.78 6.57 0.00	96.89 8.49 -0.01	92.21 7.27 -1.29	86.92 5.54 0.00	76.75 4.48 0.00	68.92 2.84 0.00	61.40 1.85 0.03	55.13 1.86 0.02
GLENWOOD____4 23550	47.44 2.64 0.00	45.15 2.68 0.00	41.71 2.95 0.00	42.31 2.81 0.00	42.38 2.66 0.00	43.61 2.85 0.00	45.57 2.74 0.00	48.39 2.27 0.21	50.72 2.46 0.98	51.49 2.49 0.81	53.52 2.72 0.45	58.49 2.81 -0.64	64.08 3.34 -1.03	71.16 4.29 -0.94	80.18 5.38 -6.69	91.86 6.46 -8.54	88.27 7.06 0.00	97.24 8.84 0.00	93.97 7.78 -2.54	87.24 5.86 0.00	76.90 4.63 0.00	69.32 3.24 0.00	58.31 1.73 3.00	53.27 1.97 1.99
GLENWOOD____5 23614	47.44 2.64 0.00	45.15 2.68 0.00	41.71 2.95 0.00	42.31 2.81 0.00	42.38 2.66 0.00	43.61 2.85 0.00	45.57 2.74 0.00	48.39 2.27 0.21	50.72 2.46 0.98	51.49 2.49 0.81	53.52 2.72 0.45	58.49 2.81 -0.64	64.08 3.34 -1.03	71.16 4.29 -0.94	80.18 5.38 -6.69	91.86 6.46 -8.54	88.27 7.06 0.00	97.24 8.84 0.00	93.97 7.78 -2.54	87.24 5.86 0.00	76.90 4.63 0.00	69.32 3.24 0.00	58.31 1.73 3.00	53.27 1.97 1.99
GLOBAL GREEN_PORT_GT1 23814	49.41 4.61 0.00	47.52 5.05 0.00	43.76 5.00 0.00	44.21 4.70 0.00	44.24 4.53 0.00	45.08 4.32 0.00	46.94 4.11 0.00	48.90 3.19 0.63	49.97 3.69 2.95	51.28 3.93 2.46	53.74 4.51 2.02	61.25 5.95 -0.26	67.38 7.28 -0.40	75.78 8.90 -0.94	81.24 10.76 -2.38	92.34 12.84 -2.63	122.25 13.80 -27.24	190.06 16.89 -84.77	163.10 15.31 -64.13	93.76 12.37 -0.01	81.71 9.61 0.17	72.42 6.34 0.00	54.73 4.23 9.08	51.07 3.84 6.06
GLOBE____DSASP 323697	44.52 -0.27 0.00	43.23 0.76 0.00	38.49 -0.27 0.00	38.64 -0.87 0.00	38.88 -0.83 0.00	39.62 -1.14 0.00	41.84 -0.99 0.00	43.64 -2.69 0.00	47.26 -1.97 0.00	48.61 -1.20 0.00	50.84 -0.41 0.00	55.09 0.06 0.00	59.28 -0.42 0.00	64.22 -1.71 0.00	66.40 -1.70 0.00	73.72 -3.15 0.00	79.09 -2.11 0.00	86.72 -1.68 0.00	82.48 -1.17 0.00	78.37 -3.01 0.00	69.09 -3.18 0.00	64.03 -2.05 0.00	58.44 -1.13 0.00	53.18 -0.11 0.00
GOETHSLN____LBMP 323567	47.39 2.60 0.00	44.93 2.46 0.00	41.12 2.36 0.00	41.80 2.29 0.00	41.86 2.14 0.00	43.04 2.28 0.00	45.48 2.66 0.00	48.79 2.46 0.00	50.67 2.56 1.12	50.72 2.59 1.68	50.74 2.51 3.02	52.26 2.53 5.31	54.82 2.81 7.69	60.82 3.36 8.48	65.18 4.15 7.08	78.35 5.23 3.75	82.63 5.85 4.42	91.24 7.43 4.59	84.34 6.36 5.67	74.03 4.80 12.15	65.17 3.83 10.93	59.04 2.71 9.74	53.07 1.67 8.18	51.32 1.76 3.73
GOLAH____69_KV_TB 1_2 80279	46.27 1.48 0.00	44.47 2.00 0.00	39.77 1.01 0.00	40.06 0.55 0.00	40.31 0.60 0.00	41.25 0.49 0.00	43.43 0.60 0.00	45.96 -0.37 0.00	49.28 0.05 0.00	50.41 0.60 0.00	52.53 1.28 0.00	56.58 1.54 0.00	61.01 1.31 0.00	66.73 0.79 0.00	69.33 1.23 0.00	77.40 0.54 0.00	82.50 1.30 0.00	90.87 2.48 0.00	86.33 2.68 0.00	82.77 1.38 0.00	72.92 0.65 0.00	67.27 1.19 0.00	60.83 1.25 0.00	54.94 1.65 0.00
GOODYEAR_LAKE_HYD 323669	47.03 2.24 0.00	44.55 2.08 0.00	40.66 1.90 0.00	41.48 1.98 0.00	41.62 1.91 0.00	42.67 1.92 0.00	44.89 2.06 0.00	48.19 1.85 0.00	51.30 2.07 0.00	51.95 2.14 0.00	53.35 2.10 0.00	57.46 2.42 0.00	62.27 2.57 0.00	68.77 2.84 0.00	71.58 3.47 0.00	80.48 3.61 0.00	85.18 3.98 0.00	93.70 5.30 0.00	88.42 4.77 0.00	85.78 4.39 0.00	76.17 3.90 0.00	69.51 3.44 0.00	62.26 2.68 0.00	55.63 2.34 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.96 1.16 0.00	43.74 1.27 0.00	39.69 0.93 0.00	40.34 0.83 0.00	40.47 0.75 0.00	41.53 0.77 0.00	43.64 0.81 0.00	46.75 0.42 0.00	49.92 0.69 0.00	50.66 0.85 0.00	52.33 1.08 0.00	56.41 1.38 0.00	61.07 1.37 0.00	67.19 1.25 0.00	69.74 1.63 0.00	78.33 1.46 0.00	83.15 1.95 0.00	91.23 2.83 0.00	86.41 2.76 0.00	83.34 1.95 0.00	73.93 1.66 0.00	67.66 1.59 0.00	60.83 1.25 0.00	54.62 1.33 0.00

GOUDEY___7 23579	45.96 1.16 0.00	43.74 1.27 0.00	39.69 0.93 0.00	40.34 0.83 0.00	40.47 0.75 0.00	41.53 0.77 0.00	43.64 0.81 0.00	46.75 0.42 0.00	49.92 0.69 0.00	50.66 0.85 0.00	52.33 1.08 0.00	56.41 1.38 0.00	61.07 1.37 0.00	67.19 1.25 0.00	69.74 1.63 0.00	78.33 1.46 0.00	83.15 1.95 0.00	91.23 2.83 0.00	86.41 2.76 0.00	83.34 1.95 0.00	73.93 1.66 0.00	67.66 1.59 0.00	60.83 1.25 0.00	54.62 1.33 0.00
GOUDEY___8 23580	45.96 1.16 0.00	43.74 1.27 0.00	39.69 0.93 0.00	40.34 0.83 0.00	40.47 0.75 0.00	41.53 0.77 0.00	43.64 0.81 0.00	46.75 0.42 0.00	49.92 0.69 0.00	50.66 0.85 0.00	52.33 1.08 0.00	56.41 1.38 0.00	61.07 1.37 0.00	67.19 1.25 0.00	69.74 1.63 0.00	78.33 1.46 0.00	83.15 1.95 0.00	91.23 2.83 0.00	86.41 2.76 0.00	83.34 1.95 0.00	73.93 1.66 0.00	67.66 1.59 0.00	60.83 1.25 0.00	54.62 1.33 0.00
GOWANUS_GT1_1 24077	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.84 2.61 0.00	52.45 2.64 0.00	54.20 2.72 -0.23	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GOWANUS_GT1_2 24078	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.84 2.61 0.00	52.45 2.64 0.00	54.20 2.72 -0.23	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GOWANUS_GT1_3 24079	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.84 2.61 0.00	52.45 2.64 0.00	54.20 2.72 -0.23	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GOWANUS_GT1_4 24080	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.84 2.61 0.00	52.45 2.64 0.00	54.20 2.72 -0.23	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GOWANUS_GT1_5 24084	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.84 2.61 0.00	52.45 2.64 0.00	54.20 2.72 -0.23	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GOWANUS_GT1_6 24111	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.84 2.61 0.00	52.45 2.64 0.00	54.20 2.72 -0.23	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GOWANUS_GT1_7 24112	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.84 2.61 0.00	52.45 2.64 0.00	54.20 2.72 -0.23	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GOWANUS_GT1_8 24113	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.84 2.61 0.00	52.45 2.64 0.00	54.20 2.72 -0.23	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GOWANUS_GT2_1 24114	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
GOWANUS_GT2_2 24115	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
GOWANUS_GT2_3 24116	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
GOWANUS_GT2_4 24117	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
GOWANUS_GT2_5 24118	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00

GOWANUS_GT2_6 24119	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
GOWANUS_GT2_7 24120	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
GOWANUS_GT2_8 24121	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
GOWANUS_GT3_1 24122	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
GOWANUS_GT3_2 24123	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
GOWANUS_GT3_3 24124	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
GOWANUS_GT3_4 24125	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
GOWANUS_GT3_5 24126	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
GOWANUS_GT3_6 24127	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
GOWANUS_GT3_7 24128	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
GOWANUS_GT3_8 24129	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
GOWANUS_GT4_1 24130	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.83 2.61 0.01	52.44 2.64 0.01	54.19 2.72 -0.22	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GOWANUS_GT4_2 24131	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.83 2.61 0.01	52.44 2.64 0.01	54.19 2.72 -0.22	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GOWANUS_GT4_3 24132	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.83 2.61 0.01	52.44 2.64 0.01	54.19 2.72 -0.22	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GOWANUS_GT4_4 24133	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.83 2.61 0.01	52.44 2.64 0.01	54.19 2.72 -0.22	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00

GOWANUS_GT4_5 24134	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.83 2.61 0.01	52.44 2.64 0.01	54.19 2.72 -0.22	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GOWANUS_GT4_6 24135	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.83 2.61 0.01	52.44 2.64 0.01	54.19 2.72 -0.22	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GOWANUS_GT4_7 24136	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.83 2.61 0.01	52.44 2.64 0.01	54.19 2.72 -0.22	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GOWANUS_GT4_8 24137	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.83 2.61 0.01	52.44 2.64 0.01	54.19 2.72 -0.22	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GREATVRV_69_KV_BK1 356245	47.52 2.73 0.00	45.65 3.19 0.00	42.67 3.91 0.00	43.18 3.67 0.00	43.21 3.49 0.00	44.59 3.83 0.00	45.91 3.08 0.00	47.76 2.04 0.61	48.64 2.26 2.86	49.72 2.29 2.38	51.74 2.46 1.97	58.57 3.30 -0.23	64.05 4.00 -0.35	72.35 5.47 -0.94	77.96 7.08 -2.77	88.26 8.22 -3.17	109.38 8.93 -19.25	154.68 11.32 -54.97	135.75 10.12 -41.97	89.04 7.65 -0.01	78.15 6.07 0.19	69.91 3.83 0.00	52.75 1.97 8.79	49.33 1.92 5.87
GREENBSH_115KV_TB3 55895	44.97 0.18 0.00	42.60 0.13 0.00	39.03 0.27 0.00	39.79 0.28 0.00	39.95 0.24 0.00	41.04 0.29 0.00	43.04 0.21 0.00	46.33 0.00 0.00	49.23 0.00 0.00	49.66 -0.15 0.18	50.72 -0.36 0.50	54.15 -0.39 0.80	58.48 -0.42 0.73	64.94 0.07 0.88	67.29 0.31 0.71	76.46 0.49 0.00	81.69 0.41 0.00	89.81 1.41 0.00	84.74 1.09 0.00	81.95 0.57 0.00	72.78 0.51 0.00	66.41 0.33 0.00	59.46 -0.12 0.00	53.02 -0.27 0.00
GREENDGE_115KV_TB5 80291	46.54 1.75 0.00	44.38 1.91 0.00	40.00 1.24 0.00	40.50 0.99 0.00	40.71 0.99 0.00	41.78 1.02 0.00	43.94 1.11 0.00	46.93 0.60 0.00	49.82 0.59 0.00	50.71 0.90 0.00	52.48 1.23 0.00	56.69 1.65 0.00	61.31 1.61 0.00	67.39 1.45 0.00	70.01 1.91 0.00	78.40 1.54 0.00	83.48 2.27 0.00	91.23 2.83 0.00	87.00 3.35 0.00	83.99 2.60 0.00	74.44 2.17 0.00	68.33 2.25 0.00	61.42 1.85 0.00	55.20 1.92 0.00
GREENIDGE___3 23582	46.54 1.75 0.00	44.38 1.91 0.00	40.00 1.24 0.00	40.50 0.99 0.00	40.71 0.99 0.00	41.78 1.02 0.00	43.94 1.11 0.00	46.93 0.60 0.00	49.82 0.59 0.00	50.71 0.90 0.00	52.48 1.23 0.00	56.69 1.65 0.00	61.31 1.61 0.00	67.39 1.45 0.00	70.01 1.91 0.00	78.40 1.54 0.00	83.48 2.27 0.00	91.23 2.83 0.00	87.00 3.35 0.00	83.99 2.60 0.00	74.44 2.17 0.00	68.33 2.25 0.00	61.42 1.85 0.00	55.20 1.92 0.00
GREENIDGE___4 23583	46.54 1.75 0.00	44.21 1.74 0.00	40.00 1.24 0.00	40.50 0.99 0.00	40.71 0.99 0.00	41.78 1.02 0.00	43.99 1.16 0.00	46.93 0.60 0.00	49.77 0.54 0.00	50.66 0.85 0.00	52.43 1.18 0.00	56.47 1.43 0.00	61.31 1.61 0.00	67.39 1.45 0.00	70.15 2.04 0.00	78.32 1.46 0.00	83.72 2.52 0.00	91.41 3.01 0.00	86.91 3.26 0.00	83.99 2.60 0.00	74.51 2.24 0.00	67.79 1.72 0.00	61.48 1.91 0.00	55.20 1.92 0.00
GREENLWN_69_KV_BK 3 55738	46.00 1.21 0.00	44.13 1.66 0.00	41.55 2.79 0.00	42.08 2.57 0.00	42.10 2.38 0.00	43.41 2.65 0.00	44.59 1.76 0.00	46.46 0.74 0.62	47.18 0.84 2.89	48.25 0.85 2.41	49.90 0.97 2.32	56.03 1.38 0.39	60.99 1.97 0.68	70.20 3.10 -1.17	75.32 4.36 -2.86	85.51 5.38 -3.26	57.67 5.93 29.47	39.31 7.87 56.96	48.39 6.78 42.04	86.00 4.48 -0.14	74.98 3.18 0.47	67.60 1.52 0.00	50.77 0.06 8.86	47.46 0.16 5.99
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.84 2.61 0.00	52.45 2.64 0.00	54.20 2.72 -0.23	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00
GRISSOM___SOLAR 323813	47.97 3.18 0.00	45.36 2.89 0.00	41.36 2.60 0.00	42.08 2.57 0.00	42.34 2.62 0.00	43.53 2.77 0.00	45.57 2.74 0.00	48.79 2.45 0.00	51.69 2.46 0.00	51.90 2.09 0.13	53.06 1.95 0.38	56.70 2.04 0.61	61.23 2.15 0.56	67.89 2.50 0.67	70.57 3.13 0.67	80.01 3.69 0.54	85.42 4.22 0.00	94.32 5.92 0.00	89.84 6.19 0.00	87.65 6.27 0.00	78.20 5.93 0.00	71.30 5.22 0.00	64.10 4.53 0.00	56.96 3.67 0.00
GROVEVILLE___HYD 323602	47.44 2.64 0.00	44.93 2.46 0.00	41.09 2.33 0.00	41.80 2.29 0.00	41.86 2.14 0.00	43.08 2.32 0.00	45.36 2.53 0.00	48.60 2.27 0.00	51.64 2.41 0.00	52.25 2.44 0.00	53.84 2.41 -0.18	58.20 2.64 -0.52	63.52 2.98 -0.83	70.32 3.63 -0.76	73.45 4.43 -0.91	82.99 5.38 -0.74	87.21 6.01 0.00	96.27 7.87 0.00	90.51 6.86 0.00	86.92 5.53 0.00	76.90 4.63 0.00	69.78 3.70 0.00	62.14 2.56 0.00	55.63 2.34 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.11 0.31 0.00	42.81 0.34 0.00	38.88 0.12 0.00	39.55 0.04 0.00	39.72 0.00 0.00	40.80 0.04 0.00	42.83 0.00 0.00	46.15 -0.19 0.00	49.42 -0.05 -0.24	50.60 0.05 -0.74	51.79 0.15 -0.38	56.17 0.33 -0.80	61.04 0.00 -1.34	67.87 -0.07 -2.00	68.31 0.20 0.00	76.87 0.00 0.00	81.37 0.16 0.00	89.11 0.71 0.00	84.32 0.67 0.00	82.98 0.16 -1.43	72.34 0.07 0.00	66.91 0.13 -0.70	59.68 -0.06 -0.16	53.18 -0.11 0.00
HAMLTNNY_34_KV_TB 80303	45.38 0.58 0.00	43.15 0.68 0.00	39.11 0.35 0.00	39.75 0.24 0.00	39.91 0.20 0.00	40.96 0.20 0.00	43.04 0.21 0.00	46.29 -0.05 0.00	49.60 0.15 -0.23	50.80 0.30 -0.70	52.12 0.51 -0.36	56.51 0.72 -0.75	61.61 0.66 -1.25	68.40 0.59 -1.87	69.06 0.95 0.00	77.64 0.77 0.00	82.26 1.06 0.00	90.26 1.86 0.00	85.41 1.76 0.00	83.78 1.06 -1.34	73.14 0.87 0.00	67.66 0.93 -0.66	60.33 0.60 -0.15	53.87 0.59 0.00

HAMPSHIRE___PAPER_HYD 323593	45.64 0.85 0.00	42.94 0.47 0.00	39.11 0.35 0.00	39.82 0.31 0.00	40.19 0.48 0.00	41.49 0.73 0.00	43.73 0.90 0.00	47.49 1.16 0.00	50.45 1.13 -0.09	51.18 1.09 -0.28	52.37 0.97 -0.14	56.28 0.93 -0.30	61.10 0.90 -0.50	67.42 0.73 -0.75	68.11 0.00 0.00	76.48 -0.38 0.00	80.88 -0.32 0.00	87.52 -0.88 0.00	83.74 0.08 0.00	83.06 1.14 -0.54	73.36 1.09 0.00	67.73 1.39 -0.26	61.07 1.43 -0.06	54.56 1.28 0.00
HARDSCRABBLE_WT_PWR 323673	45.51 0.71 0.00	43.11 0.64 0.00	39.34 0.58 0.00	40.06 0.55 0.00	40.31 0.60 0.00	41.41 0.65 0.00	43.56 0.73 0.00	46.98 0.65 0.00	49.92 0.69 0.00	50.51 0.70 0.00	51.92 0.66 0.00	55.81 0.77 0.00	60.54 0.84 0.00	66.86 0.92 0.00	69.26 1.16 0.00	78.02 1.15 0.00	82.34 1.14 0.00	90.07 1.68 0.00	84.99 1.33 0.00	82.61 1.22 0.00	73.36 1.09 0.00	66.94 0.86 0.00	60.35 0.77 0.00	53.98 0.69 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.26 2.46 0.00	44.76 2.29 0.00	40.93 2.17 0.00	41.60 2.09 0.00	41.70 1.99 0.00	42.92 2.16 0.00	45.19 2.36 0.00	48.42 2.08 0.00	51.49 2.26 0.00	52.10 2.29 0.00	53.81 2.36 -0.20	58.13 2.53 -0.56	63.53 2.93 -0.90	70.19 3.43 -0.82	73.32 4.22 -0.99	82.74 5.07 -0.80	86.89 5.68 0.00	95.82 7.43 0.00	90.09 6.44 0.00	86.51 5.13 0.00	76.53 4.26 0.00	69.45 3.37 0.00	61.84 2.26 0.00	55.42 2.13 0.00
HARSNRAD_115KV_TB1 81005	45.60 0.81 0.00	44.21 1.74 0.00	39.34 0.58 0.00	39.47 -0.04 0.00	39.72 0.00 0.00	40.51 -0.24 0.00	42.74 -0.09 0.00	44.34 -1.99 0.00	48.00 -1.23 0.00	49.41 -0.40 0.00	51.66 0.41 0.00	55.97 0.94 0.00	60.12 0.42 0.00	65.15 -0.79 0.00	67.43 -0.68 0.00	74.87 -2.00 0.00	80.31 -0.89 0.00	88.05 -0.35 0.00	83.82 0.17 0.00	79.67 -1.71 0.00	70.17 -2.10 0.00	65.02 -1.06 0.00	59.28 -0.30 0.00	54.09 0.80 0.00
HARZA MOOSE___RIVER 24016	46.54 1.75 0.00	43.74 1.27 0.00	39.85 1.09 0.00	40.50 0.99 0.00	40.83 1.11 0.00	42.22 1.47 0.00	44.46 1.63 0.00	47.95 1.62 0.00	50.97 1.67 -0.06	51.70 1.69 -0.19	52.94 1.59 -0.10	57.01 1.76 -0.21	61.90 1.85 -0.35	68.44 1.98 -0.52	70.22 2.11 0.00	78.79 1.92 0.00	83.48 2.27 0.00	91.58 3.18 0.00	86.66 3.01 0.00	85.26 3.50 -0.37	75.45 3.18 0.00	69.10 2.84 -0.18	62.12 2.50 -0.04	55.26 1.97 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.75 -0.04 0.00	42.47 0.00 0.00	38.60 -0.16 0.00	39.23 -0.28 0.00	39.40 -0.32 0.00	40.47 -0.29 0.00	42.53 -0.30 0.00	45.78 -0.56 0.00	48.74 -0.49 0.00	49.46 -0.35 0.00	51.00 -0.26 0.00	54.93 -0.11 0.00	59.52 -0.18 0.00	65.67 -0.26 0.00	68.18 0.07 0.00	76.71 -0.15 0.00	81.20 0.00 0.00	88.93 0.53 0.00	84.15 0.50 0.00	81.30 -0.08 0.00	72.13 -0.14 0.00	66.01 -0.07 0.00	59.34 -0.24 0.00	53.07 -0.21 0.00
HELLGATE_13_KV_LD 55870	48.16 3.36 0.00	45.62 3.14 0.00	41.71 2.95 0.00	42.36 2.84 0.00	42.38 2.66 0.00	43.49 2.73 0.00	45.96 3.13 0.00	49.25 2.92 0.00	52.23 3.00 0.00	52.85 3.04 0.00	54.55 3.08 -0.23	58.71 3.03 -0.64	64.01 3.28 -1.03	70.76 3.89 -0.93	74.00 4.77 -1.13	83.69 5.92 -0.91	87.77 6.58 0.01	96.61 8.22 0.01	90.84 7.19 0.01	86.91 5.53 0.01	76.82 4.55 0.01	69.44 3.37 0.01	61.77 2.20 0.01	55.84 2.56 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.16 3.36 0.00	45.62 3.14 0.00	41.71 2.95 0.00	42.36 2.84 0.00	42.38 2.66 0.00	43.49 2.73 0.00	45.96 3.13 0.00	49.25 2.92 0.00	52.23 3.00 0.00	52.85 3.04 0.00	54.55 3.08 -0.23	58.71 3.03 -0.64	64.01 3.28 -1.03	70.76 3.89 -0.93	74.00 4.77 -1.13	83.69 5.92 -0.91	87.77 6.58 0.01	96.61 8.22 0.01	90.84 7.19 0.01	86.91 5.53 0.01	76.82 4.55 0.01	69.44 3.37 0.01	61.77 2.20 0.01	55.84 2.56 0.00
HEMPSTEAD____ 23647	47.30 2.51 0.00	45.36 2.89 0.00	41.70 2.94 0.00	42.27 2.76 0.00	42.34 2.62 0.00	43.28 2.53 0.00	45.31 2.48 0.00	47.82 1.81 0.31	49.68 1.92 1.47	50.43 1.84 1.23	52.61 2.15 0.79	58.27 2.59 -0.64	63.96 3.22 -1.03	70.90 4.02 -0.94	80.77 5.32 -7.35	92.77 6.46 -9.44	87.86 6.66 0.00	97.16 8.75 -0.01	94.03 7.53 -2.84	86.92 5.54 0.00	76.61 4.34 0.00	68.45 2.38 0.00	56.37 1.31 4.52	51.67 1.38 3.00
HICKLING___1 23621	46.63 1.84 0.00	44.59 2.12 0.00	40.16 1.40 0.00	40.62 1.11 0.00	40.83 1.11 0.00	41.86 1.10 0.00	44.03 1.20 0.00	46.84 0.51 0.00	50.16 0.94 0.00	51.10 1.30 0.00	52.94 1.69 0.00	57.29 2.26 0.00	61.97 2.27 0.00	67.92 1.98 0.00	70.56 2.45 0.00	78.94 2.08 0.00	84.05 2.84 0.00	92.29 3.89 0.00	87.67 4.02 0.00	84.23 2.85 0.00	74.73 2.46 0.00	68.59 2.51 0.00	61.78 2.20 0.00	55.74 2.45 0.00
HICKLING___2 23622	46.63 1.84 0.00	44.59 2.12 0.00	40.16 1.40 0.00	40.62 1.11 0.00	40.83 1.11 0.00	41.86 1.10 0.00	44.03 1.20 0.00	46.84 0.51 0.00	50.16 0.94 0.00	51.10 1.30 0.00	52.94 1.69 0.00	57.29 2.26 0.00	61.97 2.27 0.00	67.92 1.98 0.00	70.56 2.45 0.00	78.94 2.08 0.00	84.05 2.84 0.00	92.29 3.89 0.00	87.67 4.02 0.00	84.23 2.85 0.00	74.73 2.46 0.00	68.59 2.51 0.00	61.78 2.20 0.00	55.74 2.45 0.00
HIGH FALLS___HY 23754	47.61 2.82 0.00	45.10 2.63 0.00	41.16 2.40 0.00	41.88 2.37 0.00	41.90 2.18 0.00	43.12 2.36 0.00	44.99 2.66 0.50	47.99 2.36 0.71	50.85 2.51 0.89	51.44 2.54 0.91	52.99 2.61 0.87	56.97 2.81 0.87	61.98 3.22 0.94	68.37 3.82 1.40	71.43 4.77 1.44	80.41 5.69 2.14	84.67 6.42 2.95	96.18 8.40 0.62	90.80 7.45 0.30	87.28 6.02 0.12	77.47 5.20 0.00	70.18 4.10 0.00	62.50 2.92 0.00	55.95 2.66 0.00
HIGH_RIVER___SOLAR 323847	46.85 2.06 0.00	44.34 1.87 0.00	40.46 1.70 0.00	41.25 1.74 0.00	41.42 1.71 0.00	42.55 1.79 0.00	44.59 1.76 0.00	47.77 1.44 0.00	50.51 1.28 0.00	50.66 0.85 0.00	51.77 0.66 0.14	55.12 0.49 0.41	59.58 0.54 0.66	66.13 0.79 0.60	68.74 1.36 0.72	77.97 1.69 0.58	83.23 2.03 0.00	91.84 3.44 0.00	87.58 3.93 0.00	85.29 3.91 0.00	76.03 3.76 0.00	69.32 3.24 0.00	62.26 2.68 0.00	55.52 2.24 0.00
HILLBURN___GT 23639	47.21 2.42 0.00	44.85 2.38 0.00	40.97 2.21 0.00	41.64 2.13 0.00	41.74 2.02 0.00	42.83 2.08 0.00	45.23 2.40 0.00	48.51 2.18 0.00	51.50 2.27 0.00	52.05 2.24 0.00	53.87 2.41 -0.20	58.37 2.75 -0.58	63.62 2.98 -0.93	70.15 3.36 -0.85	73.35 4.22 -1.02	82.92 5.23 -0.82	86.89 5.68 0.00	95.83 7.43 0.00	89.93 6.28 0.00	86.27 4.88 0.00	76.39 4.12 0.00	68.85 2.77 0.00	61.66 2.08 0.00	55.26 1.97 0.00
HILLSIDE_115KV_TB1 80332	45.96 1.16 0.00	43.91 1.44 0.00	39.61 0.85 0.00	40.14 0.63 0.00	40.31 0.60 0.00	41.33 0.57 0.00	43.47 0.64 0.00	46.33 0.00 0.00	49.57 0.34 0.00	50.46 0.65 0.00	52.23 0.97 0.00	56.47 1.43 0.00	61.07 1.37 0.00	66.86 0.92 0.00	69.47 1.36 0.00	77.71 0.85 0.00	82.75 1.54 0.00	90.87 2.48 0.00	86.25 2.59 0.00	82.93 1.55 0.00	73.50 1.23 0.00	67.47 1.39 0.00	60.77 1.19 0.00	54.83 1.55 0.00

HISHELDN_WT_PWR 323625	46.09 1.30 0.00	44.08 1.61 0.00	39.73 0.97 0.00	39.94 0.44 0.00	40.19 0.48 0.00	41.08 0.32 0.00	43.35 0.52 0.00	45.31 -1.02 0.00	48.74 -0.49 0.00	50.11 0.30 0.00	52.12 0.87 0.00	56.25 1.21 0.00	61.07 1.37 0.00	66.46 0.53 0.00	69.06 0.95 0.00	76.25 -0.62 0.00	82.42 1.22 0.00	90.26 1.86 0.00	85.49 1.84 0.00	81.63 0.24 0.00	72.34 0.07 0.00	65.88 -0.20 0.00	60.65 1.07 0.00	55.04 1.76 0.00
HOLTSVILLE_IC_1 23690	47.07 2.28 0.00	45.44 2.97 0.00	41.94 3.18 0.00	42.43 2.92 0.00	42.50 2.78 0.00	43.33 2.57 0.00	45.10 2.27 0.00	46.81 1.11 0.63	47.45 1.18 2.96	48.44 1.09 2.47	50.53 1.28 2.01	57.42 2.09 -0.29	62.95 2.81 -0.45	70.70 3.82 -0.94	75.78 5.32 -2.36	85.93 6.46 -2.60	111.22 6.82 -23.20	175.19 9.11 -77.68	150.32 7.86 -58.81	87.00 5.61 -0.01	76.30 4.19 0.16	67.86 1.78 0.00	51.02 0.53 9.09	47.86 0.64 6.07
HOLTSVILLE_IC_10 23699	47.34 2.55 0.00	45.70 3.23 0.00	42.17 3.41 0.00	42.67 3.16 0.00	42.70 2.98 0.00	43.53 2.77 0.00	45.31 2.48 0.00	47.10 1.39 0.63	47.77 1.48 2.93	48.81 1.45 2.45	50.84 1.64 2.05	57.81 2.59 -0.18	63.31 3.34 -0.27	71.30 4.42 -0.94	76.55 5.99 -2.45	86.83 7.22 -2.74	128.37 7.63 -39.54	204.23 10.07 -105.75	172.34 8.78 -79.90	87.83 6.43 -0.02	76.90 4.84 0.21	68.39 2.31 0.00	51.51 0.95 9.02	48.27 1.01 6.03
HOLTSVILLE_IC_2 23691	47.07 2.28 0.00	45.44 2.97 0.00	41.94 3.18 0.00	42.43 2.92 0.00	42.50 2.78 0.00	43.33 2.57 0.00	45.10 2.27 0.00	46.81 1.11 0.63	47.45 1.18 2.96	48.44 1.09 2.47	50.53 1.28 2.01	57.42 2.09 -0.29	62.95 2.81 -0.45	70.70 3.82 -0.94	75.78 5.32 -2.36	85.93 6.46 -2.60	111.22 6.82 -23.20	175.19 9.11 -77.68	150.32 7.86 -58.81	87.00 5.61 -0.01	76.30 4.19 0.16	67.86 1.78 0.00	51.02 0.53 9.09	47.86 0.64 6.07
HOLTSVILLE_IC_3 23692	47.07 2.28 0.00	45.44 2.97 0.00	41.94 3.18 0.00	42.43 2.92 0.00	42.50 2.78 0.00	43.33 2.57 0.00	45.10 2.27 0.00	46.81 1.11 0.63	47.45 1.18 2.96	48.44 1.09 2.47	50.53 1.28 2.01	57.42 2.09 -0.29	62.95 2.81 -0.45	70.70 3.82 -0.94	75.78 5.32 -2.36	85.93 6.46 -2.60	111.22 6.82 -23.20	175.19 9.11 -77.68	150.32 7.86 -58.81	87.00 5.61 -0.01	76.30 4.19 0.16	67.86 1.78 0.00	51.02 0.53 9.09	47.86 0.64 6.07
HOLTSVILLE_IC_4 23693	47.07 2.28 0.00	45.44 2.97 0.00	41.94 3.18 0.00	42.43 2.92 0.00	42.50 2.78 0.00	43.33 2.57 0.00	45.10 2.27 0.00	46.81 1.11 0.63	47.45 1.18 2.96	48.44 1.09 2.47	50.53 1.28 2.01	57.42 2.09 -0.29	62.95 2.81 -0.45	70.70 3.82 -0.94	75.78 5.32 -2.36	85.93 6.46 -2.60	111.22 6.82 -23.20	175.19 9.11 -77.68	150.32 7.86 -58.81	87.00 5.61 -0.01	76.30 4.19 0.16	67.86 1.78 0.00	51.02 0.53 9.09	47.86 0.64 6.07
HOLTSVILLE_IC_5 23694	47.07 2.28 0.00	45.44 2.97 0.00	41.94 3.18 0.00	42.43 2.92 0.00	42.50 2.78 0.00	43.33 2.57 0.00	45.10 2.27 0.00	46.81 1.11 0.63	47.45 1.18 2.96	48.44 1.09 2.47	50.53 1.28 2.01	57.42 2.09 -0.29	62.95 2.81 -0.45	70.70 3.82 -0.94	75.78 5.32 -2.36	85.93 6.46 -2.60	111.22 6.82 -23.20	175.19 9.11 -77.68	150.32 7.86 -58.81	87.00 5.61 -0.01	76.30 4.19 0.16	67.86 1.78 0.00	51.02 0.53 9.09	47.86 0.64 6.07
HOLTSVILLE_IC_6 23695	47.34 2.55 0.00	45.70 3.23 0.00	42.17 3.41 0.00	42.67 3.16 0.00	42.70 2.98 0.00	43.53 2.77 0.00	45.31 2.48 0.00	47.10 1.39 0.63	47.77 1.48 2.93	48.81 1.45 2.45	50.84 1.64 2.05	57.81 2.59 -0.18	63.31 3.34 -0.27	71.30 4.42 -0.94	76.55 5.99 -2.45	86.83 7.22 -2.74	128.37 7.63 -39.54	204.23 10.07 -105.75	172.34 8.78 -79.90	87.83 6.43 -0.02	76.90 4.84 0.21	68.39 2.31 0.00	51.51 0.95 9.02	48.27 1.01 6.03
HOLTSVILLE_IC_7 23696	47.34 2.55 0.00	45.70 3.23 0.00	42.17 3.41 0.00	42.67 3.16 0.00	42.70 2.98 0.00	43.53 2.77 0.00	45.31 2.48 0.00	47.10 1.39 0.63	47.77 1.48 2.93	48.81 1.45 2.45	50.84 1.64 2.05	57.81 2.59 -0.18	63.31 3.34 -0.27	71.30 4.42 -0.94	76.55 5.99 -2.45	86.83 7.22 -2.74	128.37 7.63 -39.54	204.23 10.07 -105.75	172.34 8.78 -79.90	87.83 6.43 -0.02	76.90 4.84 0.21	68.39 2.31 0.00	51.51 0.95 9.02	48.27 1.01 6.03
HOLTSVILLE_IC_8 23697	47.34 2.55 0.00	45.70 3.23 0.00	42.17 3.41 0.00	42.67 3.16 0.00	42.70 2.98 0.00	43.53 2.77 0.00	45.31 2.48 0.00	47.10 1.39 0.63	47.77 1.48 2.93	48.81 1.45 2.45	50.84 1.64 2.05	57.81 2.59 -0.18	63.31 3.34 -0.27	71.30 4.42 -0.94	76.55 5.99 -2.45	86.83 7.22 -2.74	128.37 7.63 -39.54	204.23 10.07 -105.75	172.34 8.78 -79.90	87.83 6.43 -0.02	76.90 4.84 0.21	68.39 2.31 0.00	51.51 0.95 9.02	48.27 1.01 6.03
HOLTSVILLE_IC_9 23698	47.34 2.55 0.00	45.70 3.23 0.00	42.17 3.41 0.00	42.67 3.16 0.00	42.70 2.98 0.00	43.53 2.77 0.00	45.31 2.48 0.00	47.10 1.39 0.63	47.77 1.48 2.93	48.81 1.45 2.45	50.84 1.64 2.05	57.81 2.59 -0.18	63.31 3.34 -0.27	71.30 4.42 -0.94	76.55 5.99 -2.45	86.83 7.22 -2.74	128.37 7.63 -39.54	204.23 10.07 -105.75	172.34 8.78 -79.90	87.83 6.43 -0.02	76.90 4.84 0.21	68.39 2.31 0.00	51.51 0.95 9.02	48.27 1.01 6.03
HOMER_HL_115KV_TB2 355744	45.82 1.03 0.00	44.21 1.74 0.00	39.46 0.70 0.00	39.63 0.12 0.00	39.91 0.20 0.00	40.80 0.04 0.00	43.17 0.34 0.00	45.50 -0.83 0.00	49.18 -0.05 0.00	50.46 0.65 0.00	52.58 1.33 0.00	57.07 2.04 0.00	60.83 1.13 0.00	65.87 -0.07 0.00	68.24 0.14 0.00	75.79 -1.08 0.00	81.37 0.16 0.00	89.37 0.97 0.00	84.66 1.00 0.00	80.65 -0.73 0.00	71.19 -1.08 0.00	65.75 -0.33 0.00	59.70 0.12 0.00	54.94 1.65 0.00
HOWARD_WT_PWR 323690	47.17 2.37 0.00	44.93 2.46 0.00	40.54 1.78 0.00	40.85 1.34 0.00	41.11 1.39 0.00	42.14 1.39 0.00	44.37 1.54 0.00	46.80 0.46 0.00	50.01 0.79 0.00	51.05 1.25 0.00	53.04 1.79 0.00	57.30 2.26 0.00	62.03 2.33 0.00	67.85 1.91 0.00	70.63 2.52 0.00	78.40 1.54 0.00	84.29 3.08 0.00	92.56 4.16 0.00	88.00 4.35 0.00	84.55 3.17 0.00	75.16 2.89 0.00	68.39 2.31 0.00	62.38 2.80 0.00	56.48 3.20 0.00
HQ_GEN_CEDARS 23644	44.61 -0.18 0.00	42.21 -0.25 0.00	38.57 -0.19 0.00	39.35 -0.16 0.00	39.76 0.04 0.00	40.72 -0.04 0.00	42.87 0.04 0.00	46.98 0.65 0.00	49.77 0.54 0.00	50.26 0.45 0.00	51.76 0.51 0.00	55.48 0.44 0.00	60.06 0.36 0.00	66.14 0.20 0.00	67.49 -0.61 0.00	76.17 -0.69 0.00	80.23 -0.97 0.00	84.78 -3.62 0.00	81.39 -2.26 0.00	80.73 -0.65 0.00	71.84 -0.43 0.00	65.95 -0.13 0.00	60.05 0.48 0.00	53.77 0.48 0.00
HQ_GEN_CEDARS_PROXY 323590	44.61 -0.18 0.00	42.22 -0.25 0.00	38.57 -0.19 0.00	39.35 -0.16 0.00	39.76 0.04 0.00	40.72 -0.04 0.00	42.87 0.04 0.00	46.98 0.65 0.00	49.87 0.64 0.00	50.36 0.55 0.00	51.76 0.51 0.00	55.48 0.44 0.00	60.00 0.30 0.00	66.14 0.20 0.00	67.43 -0.68 0.00	76.10 -0.77 0.00	80.15 -1.06 0.00	84.69 -3.71 0.00	81.98 -1.67 0.00	80.73 -0.65 0.00	71.77 -0.50 0.00	66.28 0.20 0.00	60.78 0.42 -0.78	52.98 0.48 0.78

HQ_GEN_IMPORT 323601	44.26 -0.54 0.00	41.92 -0.55 0.00	38.30 -0.46 0.00	39.04 -0.47 0.00	39.32 -0.40 0.00	40.35 -0.41 0.00	42.44 -0.39 0.00	46.33 0.00 0.00	49.18 -0.05 0.00	49.76 -0.05 0.00	51.15 -0.10 0.00	54.87 -0.16 0.00	59.46 -0.24 0.00	65.74 -0.20 0.00	67.29 -0.81 0.00	76.02 -0.84 0.00	80.40 -1.14 -0.33	85.77 -2.30 0.33	81.89 -1.76 0.00	80.41 -0.97 0.00	71.41 -0.86 0.00	65.75 -0.33 0.00	60.24 -0.12 -0.78	52.40 -0.11 0.78
HQ_GEN_WHEEL 23651	44.26 -0.54 0.00	41.92 -0.55 0.00	38.30 -0.46 0.00	39.04 -0.47 0.00	39.32 -0.40 0.00	40.35 -0.41 0.00	42.44 -0.39 0.00	46.33 0.00 0.00	49.18 -0.05 0.00	49.76 -0.05 0.00	51.15 -0.10 0.00	54.87 -0.16 0.00	59.46 -0.24 0.00	65.74 -0.20 0.00	67.29 -0.81 0.00	76.02 -0.84 0.00	80.40 -1.14 -0.33	85.77 -2.30 0.33	81.89 -1.76 0.00	80.41 -0.97 0.00	71.41 -0.86 0.00	65.75 -0.33 0.00	60.24 -0.12 -0.78	52.40 -0.11 0.78
HUDSON AVE_GT_3 23810	47.75 2.96 0.00	45.27 2.80 0.00	41.43 2.67 0.00	42.08 2.57 0.00	42.14 2.42 0.00	43.32 2.57 0.00	45.78 2.96 0.00	49.11 2.78 0.00	52.23 3.00 0.00	52.80 2.99 0.00	54.45 2.97 -0.23	58.76 3.08 -0.64	64.14 3.40 -1.03	70.90 4.02 -0.94	74.08 4.84 -1.13	83.78 6.00 -0.91	87.86 6.66 0.00	96.71 8.31 0.00	90.85 7.19 0.00	87.00 5.62 0.00	76.82 4.55 0.00	69.45 3.37 0.00	61.84 2.26 0.00	55.58 2.29 0.00
HUDSON AVE_GT_4 23540	47.75 2.96 0.00	45.27 2.80 0.00	41.43 2.67 0.00	42.08 2.57 0.00	42.14 2.42 0.00	43.32 2.57 0.00	45.78 2.96 0.00	49.11 2.78 0.00	52.23 3.00 0.00	52.80 2.99 0.00	54.45 2.97 -0.23	58.76 3.08 -0.64	64.14 3.40 -1.03	70.90 4.02 -0.94	74.08 4.84 -1.13	83.78 6.00 -0.91	87.86 6.66 0.00	96.71 8.31 0.00	90.85 7.19 0.00	87.00 5.62 0.00	76.82 4.55 0.00	69.45 3.37 0.00	61.84 2.26 0.00	55.58 2.29 0.00
HUDSON AVE_GT_5 23657	47.75 2.96 0.00	45.27 2.80 0.00	41.43 2.67 0.00	42.08 2.57 0.00	42.14 2.42 0.00	43.32 2.57 0.00	45.78 2.96 0.00	49.11 2.78 0.00	52.23 3.00 0.00	52.80 2.99 0.00	54.45 2.97 -0.23	58.76 3.08 -0.64	64.14 3.40 -1.03	70.90 4.02 -0.94	74.08 4.84 -1.13	83.78 6.00 -0.91	87.86 6.66 0.00	96.71 8.31 0.00	90.85 7.19 0.00	87.00 5.62 0.00	76.82 4.55 0.00	69.45 3.37 0.00	61.84 2.26 0.00	55.58 2.29 0.00
HUDSON_AVE_10 24168	47.61 2.82 0.00	45.15 2.68 0.00	41.32 2.56 0.00	41.96 2.45 0.00	41.98 2.26 0.00	43.20 2.45 0.00	45.70 2.87 0.00	49.02 2.69 0.00	52.13 2.90 0.00	52.70 2.89 0.00	54.30 2.82 -0.23	58.54 2.86 -0.64	63.96 3.22 -1.03	70.64 3.76 -0.94	73.87 4.63 -1.13	83.55 5.77 -0.91	87.70 6.50 0.00	96.53 8.13 0.00	90.68 7.03 0.00	86.75 5.37 0.00	76.61 4.34 0.00	69.25 3.17 0.00	61.66 2.09 0.00	55.42 2.13 0.00
HUDSON___115KV_TB 4 355613	45.73 0.94 0.00	43.26 0.81 0.02	39.61 0.85 0.00	40.38 0.87 0.00	40.51 0.79 0.00	41.65 0.90 0.00	41.84 0.90 1.89	44.30 0.65 2.68	46.51 0.64 3.36	46.74 0.40 3.47	47.52 0.15 3.89	50.19 0.11 4.96	53.65 0.18 6.23	58.68 0.46 7.72	60.46 0.75 8.40	67.62 1.23 10.48	71.55 1.54 11.20	89.06 3.01 2.35	85.45 2.93 1.13	83.37 2.44 0.46	74.22 1.95 0.00	67.80 1.72 0.00	60.77 1.19 0.00	54.14 0.85 0.00
HUNTER MOUNT___DRP 323613	45.78 0.99 0.00	43.34 0.89 0.02	39.69 0.93 0.00	40.42 0.91 0.00	40.59 0.87 0.00	41.74 0.98 0.00	41.11 1.03 2.74	43.22 0.79 3.90	45.12 0.79 4.89	45.31 0.55 5.05	45.95 0.26 5.56	48.27 0.17 6.93	51.39 0.30 8.61	55.71 0.59 10.82	57.34 0.95 11.72	63.47 1.46 14.85	66.70 1.79 16.29	88.43 3.45 3.42	85.36 3.35 1.64	83.65 2.93 0.67	74.37 2.10 0.00	68.06 1.98 0.00	60.95 1.37 0.00	54.30 1.01 0.00
HUNTINGTON_RES_REC 323705	46.81 2.02 0.00	45.23 2.76 0.00	41.82 3.06 0.00	42.36 2.85 0.00	42.38 2.66 0.00	43.20 2.45 0.00	44.89 2.06 0.00	46.68 0.97 0.62	47.39 1.08 2.93	48.42 1.05 2.44	50.02 1.28 2.52	56.44 2.09 0.69	61.32 2.81 1.19	70.17 3.76 -0.48	75.27 5.24 -1.92	85.41 6.46 -2.08	288.25 6.82 -200.22	522.57 9.11 -425.07	410.95 7.95 -319.35	86.70 5.54 0.22	75.70 4.04 0.61	67.79 1.72 0.00	51.12 0.53 8.99	47.71 0.53 6.11
HUNTLEY___63 23557	45.96 1.16 0.00	44.55 2.08 0.00	39.61 0.85 0.00	39.75 0.24 0.00	39.99 0.28 0.00	40.80 0.04 0.00	43.13 0.30 0.00	44.90 -1.44 0.00	48.69 -0.54 0.00	50.11 0.30 0.00	52.43 1.18 0.00	56.85 1.82 0.00	61.19 1.49 0.00	66.33 0.40 0.00	68.31 0.20 0.00	75.94 -0.92 0.00	81.45 0.24 0.00	89.28 0.88 0.00	84.82 1.17 0.00	80.57 -0.81 0.00	70.97 -1.30 0.00	66.01 -0.07 0.00	60.17 0.60 0.00	54.83 1.55 0.00
HUNTLEY___64 23558	45.96 1.16 0.00	44.55 2.08 0.00	39.61 0.85 0.00	39.75 0.24 0.00	39.99 0.28 0.00	40.80 0.04 0.00	43.13 0.30 0.00	44.90 -1.44 0.00	48.69 -0.54 0.00	50.11 0.30 0.00	52.43 1.18 0.00	56.85 1.82 0.00	61.19 1.49 0.00	66.33 0.40 0.00	68.31 0.20 0.00	75.94 -0.92 0.00	81.45 0.24 0.00	89.28 0.88 0.00	84.82 1.17 0.00	80.57 -0.81 0.00	70.97 -1.30 0.00	66.01 -0.07 0.00	60.17 0.60 0.00	54.83 1.55 0.00
HUNTLEY___65 23559	45.96 1.16 0.00	44.55 2.08 0.00	39.61 0.85 0.00	39.75 0.24 0.00	39.99 0.28 0.00	40.80 0.04 0.00	43.13 0.30 0.00	44.90 -1.44 0.00	48.69 -0.54 0.00	50.11 0.30 0.00	52.43 1.18 0.00	56.85 1.82 0.00	61.19 1.49 0.00	66.33 0.40 0.00	68.31 0.20 0.00	75.94 -0.92 0.00	81.45 0.24 0.00	89.28 0.88 0.00	84.82 1.17 0.00	80.57 -0.81 0.00	70.97 -1.30 0.00	66.01 -0.07 0.00	60.17 0.60 0.00	54.83 1.55 0.00
HUNTLEY___66 23560	45.96 1.16 0.00	44.55 2.08 0.00	39.61 0.85 0.00	39.75 0.24 0.00	39.99 0.28 0.00	40.80 0.04 0.00	43.13 0.30 0.00	44.90 -1.44 0.00	48.69 -0.54 0.00	50.11 0.30 0.00	52.43 1.18 0.00	56.85 1.82 0.00	61.19 1.49 0.00	66.33 0.40 0.00	68.31 0.20 0.00	75.94 -0.92 0.00	81.45 0.24 0.00	89.28 0.88 0.00	84.82 1.17 0.00	80.57 -0.81 0.00	70.97 -1.30 0.00	66.01 -0.07 0.00	60.17 0.60 0.00	54.83 1.55 0.00
HUNTLEY___67 23561	45.64 0.85 0.00	44.25 1.78 0.00	39.42 0.66 0.00	39.55 0.04 0.00	39.80 0.08 0.00	40.59 -0.16 0.00	42.92 0.09 0.00	44.80 -1.53 0.00	48.49 -0.74 0.00	49.91 0.10 0.00	52.17 0.92 0.00	56.52 1.49 0.00	60.83 1.13 0.00	66.07 0.13 0.00	68.38 0.27 0.00	75.94 -0.92 0.00	81.45 0.24 0.00	89.37 0.97 0.00	84.91 1.25 0.00	80.73 -0.65 0.00	71.11 -1.16 0.00	65.81 -0.26 0.00	59.93 0.36 0.00	54.57 1.28 0.00
HUNTLEY___68 23562	45.64 0.85 0.00	44.25 1.78 0.00	39.42 0.66 0.00	39.55 0.04 0.00	39.80 0.08 0.00	40.59 -0.16 0.00	42.92 0.09 0.00	44.80 -1.53 0.00	48.49 -0.74 0.00	49.91 0.10 0.00	52.17 0.92 0.00	56.52 1.49 0.00	60.83 1.13 0.00	66.07 0.13 0.00	68.38 0.27 0.00	75.94 -0.92 0.00	81.45 0.24 0.00	89.37 0.97 0.00	84.91 1.25 0.00	80.73 -0.65 0.00	71.11 -1.16 0.00	65.81 -0.26 0.00	59.93 0.36 0.00	54.57 1.28 0.00

HYLAND___LFGE 323620	48.51 3.72 0.00	46.12 3.65 0.00	41.51 2.75 0.00	41.88 2.37 0.00	42.10 2.38 0.00	43.16 2.40 0.00	45.36 2.53 0.00	47.58 1.25 0.00	50.21 0.98 0.00	50.96 1.15 0.00	52.58 1.33 0.00	56.47 1.43 0.00	59.29 -0.41 0.00	64.82 -1.12 0.00	67.84 -0.27 0.00	75.40 -1.46 0.00	81.29 0.08 0.00	90.52 2.12 0.00	87.50 3.85 0.00	85.21 3.83 0.00	75.81 3.54 0.00	69.32 3.24 0.00	63.03 3.45 0.00	58.40 5.12 0.00
INDECK___CORINTH 23802	46.45 1.66 0.00	43.74 1.27 0.00	39.96 1.20 0.00	40.66 1.15 0.00	40.91 1.19 0.00	42.02 1.26 0.00	43.99 1.16 0.00	47.40 1.07 0.00	50.41 1.18 0.00	50.80 1.00 0.00	51.42 0.36 0.19	54.88 0.39 0.55	59.06 0.24 0.88	65.46 0.33 0.80	67.75 0.61 0.97	77.31 1.23 0.78	82.58 1.38 0.00	91.41 3.01 0.00	87.25 3.59 0.00	84.64 3.26 0.00	75.67 3.40 0.00	69.05 2.98 0.00	61.96 2.39 0.00	55.04 1.76 0.00
INDECK___ILION 23567	45.38 0.58 0.00	42.98 0.51 0.00	39.23 0.47 0.00	39.98 0.47 0.00	40.15 0.44 0.00	41.25 0.49 0.00	43.39 0.56 0.00	46.80 0.46 0.00	49.72 0.49 0.00	50.31 0.50 0.00	51.71 0.46 0.00	55.59 0.55 0.00	60.30 0.60 0.00	66.66 0.73 0.00	68.99 0.89 0.00	77.79 0.92 0.00	82.18 0.97 0.00	89.90 1.50 0.00	84.82 1.17 0.00	82.44 1.06 0.00	73.21 0.94 0.00	66.87 0.79 0.00	60.17 0.60 0.00	53.82 0.53 0.00
INDECK___OLEAN 23982	45.78 0.98 0.00	43.79 1.32 0.00	39.46 0.70 0.00	39.63 0.12 0.00	39.92 0.20 0.00	40.80 0.04 0.00	43.17 0.34 0.00	45.50 -0.83 0.00	49.08 -0.15 0.00	50.41 0.60 0.00	52.48 1.23 0.00	56.64 1.60 0.00	60.83 1.13 0.00	65.87 -0.07 0.00	68.45 0.34 0.00	75.72 -1.15 0.00	81.78 0.57 0.00	89.73 1.33 0.00	84.66 1.01 0.00	80.65 -0.73 0.00	71.41 -0.86 0.00	64.89 -1.19 0.00	59.82 0.24 0.00	54.94 1.65 0.00
INDECK___OSWEGO 23783	44.30 -0.49 0.00	42.00 -0.47 0.00	38.25 -0.50 0.00	38.92 -0.59 0.00	39.08 -0.64 0.00	40.15 -0.61 0.00	42.19 -0.64 0.00	45.41 -0.93 0.00	49.04 -0.98 -0.80	51.37 -0.90 -2.46	51.69 -0.82 -1.26	56.32 -1.37 -2.66	62.64 -1.49 -4.43	70.84 -1.71 -6.61	66.61 -1.50 0.00	75.02 -1.85 0.00	79.42 -1.79 0.00	86.98 -1.42 0.00	82.23 -1.42 0.00	84.40 -1.71 -4.73	70.75 -1.52 0.00	66.88 -1.52 -2.32	58.75 -1.37 -0.54	52.11 -1.17 0.00
INDECK___YERKES 23781	46.00 1.21 0.00	44.12 1.65 0.00	39.65 0.89 0.00	39.79 0.28 0.00	40.03 0.32 0.00	40.88 0.12 0.00	43.17 0.34 0.00	44.94 -1.39 0.00	48.64 -0.59 0.00	50.16 0.35 0.00	52.33 1.08 0.00	56.36 1.32 0.00	61.25 1.55 0.00	66.40 0.46 0.00	68.93 0.82 0.00	75.56 -1.31 0.00	81.85 0.65 0.00	89.55 1.15 0.00	84.74 1.08 0.00	80.49 -0.89 0.00	71.04 -1.23 0.00	65.09 -0.99 0.00	60.35 0.77 0.00	54.88 1.60 0.00
INDIAN POINT_GT_1 24139	47.17 2.37 0.00	44.72 2.25 0.00	40.93 2.17 0.00	41.64 2.13 0.00	41.70 1.99 0.00	42.88 2.12 0.00	45.19 2.36 0.00	48.46 2.13 0.00	51.54 2.31 0.00	52.10 2.29 0.00	53.73 2.26 -0.22	58.09 2.42 -0.63	63.52 2.81 -1.01	70.16 3.30 -0.92	73.31 4.09 -1.11	82.76 5.00 -0.90	86.81 5.60 0.00	95.65 7.25 0.00	89.84 6.19 0.00	86.18 4.80 0.00	76.17 3.90 0.00	69.05 2.97 0.00	61.48 1.91 0.00	55.15 1.87 0.00
INDIAN POINT_GT_2 23659	47.17 2.37 0.00	44.72 2.25 0.00	40.93 2.17 0.00	41.64 2.13 0.00	41.70 1.99 0.00	42.88 2.12 0.00	45.19 2.36 0.00	48.46 2.13 0.00	51.54 2.31 0.00	52.10 2.29 0.00	53.73 2.26 -0.22	58.09 2.42 -0.63	63.52 2.81 -1.01	70.16 3.30 -0.92	73.31 4.09 -1.11	82.76 5.00 -0.90	86.81 5.60 0.00	95.65 7.25 0.00	89.84 6.19 0.00	86.18 4.80 0.00	76.17 3.90 0.00	69.05 2.97 0.00	61.48 1.91 0.00	55.15 1.87 0.00
INDIAN POINT_GT_3 24019	47.17 2.37 0.00	44.72 2.25 0.00	40.93 2.17 0.00	41.64 2.13 0.00	41.70 1.99 0.00	42.88 2.12 0.00	45.19 2.36 0.00	48.46 2.13 0.00	51.54 2.31 0.00	52.10 2.29 0.00	53.73 2.26 -0.22	58.09 2.42 -0.63	63.52 2.81 -1.01	70.16 3.30 -0.92	73.31 4.09 -1.11	82.76 5.00 -0.90	86.81 5.60 0.00	95.65 7.25 0.00	89.84 6.19 0.00	86.18 4.80 0.00	76.17 3.90 0.00	69.05 2.97 0.00	61.48 1.91 0.00	55.15 1.87 0.00
INDIAN POINT___2 23530	47.17 2.37 0.00	44.80 2.33 0.00	40.93 2.17 0.00	41.60 2.09 0.00	41.70 1.98 0.00	42.79 2.04 0.00	45.18 2.35 0.00	48.42 2.09 0.00	51.45 2.22 0.00	51.95 2.14 0.00	53.78 2.31 -0.22	58.24 2.59 -0.61	63.49 2.81 -0.98	70.00 3.16 -0.89	73.20 4.02 -1.08	82.81 5.07 -0.87	86.65 5.44 0.00	95.56 7.16 0.00	89.68 6.03 0.00	86.02 4.64 0.00	76.17 3.90 0.00	68.65 2.57 0.00	61.48 1.91 0.00	55.10 1.81 0.00
INDIAN POINT___3 23531	47.12 2.33 0.00	44.68 2.21 0.00	40.89 2.13 0.00	41.56 2.05 0.00	41.66 1.95 0.00	42.84 2.08 0.00	45.14 2.31 0.00	48.42 2.08 0.00	51.44 2.22 0.00	52.00 2.19 0.00	53.68 2.20 -0.22	58.04 2.37 -0.63	63.40 2.69 -1.02	70.03 3.16 -0.92	73.17 3.95 -1.11	82.61 4.84 -0.90	86.64 5.44 0.00	95.38 6.98 0.00	89.68 6.02 0.00	86.02 4.64 0.00	76.10 3.83 0.00	68.99 2.91 0.00	61.36 1.79 0.00	55.10 1.81 0.00
INGHAM_C_115KV_TB7 356103	45.55 0.76 0.00	43.15 0.68 0.00	39.34 0.58 0.00	40.10 0.59 0.00	40.31 0.60 0.00	41.45 0.69 0.00	43.60 0.77 0.00	46.98 0.65 0.00	49.92 0.69 0.00	50.51 0.70 0.00	51.92 0.67 0.00	55.81 0.77 0.00	60.54 0.84 0.00	66.86 0.92 0.00	69.26 1.16 0.00	78.02 1.15 0.00	82.34 1.14 0.00	90.08 1.68 0.00	85.07 1.42 0.00	82.60 1.22 0.00	73.35 1.08 0.00	67.07 0.99 0.00	60.41 0.83 0.00	54.03 0.75 0.00
IP CORINTH___1 23988	46.67 1.88 0.00	44.00 1.53 0.00	40.19 1.43 0.00	40.85 1.34 0.00	41.11 1.39 0.00	42.27 1.51 0.00	44.24 1.41 0.00	47.63 1.30 0.00	50.76 1.53 0.00	51.15 1.34 0.00	51.67 0.62 0.19	55.15 0.66 0.55	59.35 0.54 0.88	65.86 0.73 0.80	68.09 0.95 0.97	77.70 1.61 0.78	83.07 1.87 0.00	91.85 3.45 0.00	87.75 4.10 0.00	85.13 3.74 0.00	76.03 3.76 0.00	69.65 3.57 0.00	62.32 2.74 0.00	55.36 2.08 0.00
IP___TICONDEROGA 23804	47.79 3.00 0.00	44.98 2.51 0.00	40.93 2.17 0.00	41.56 2.05 0.00	41.86 2.14 0.00	43.08 2.32 0.00	44.97 2.14 0.00	48.46 2.13 0.00	51.69 2.46 0.00	52.05 2.24 0.00	52.59 1.54 0.20	56.07 1.60 0.56	60.29 1.49 0.91	67.03 1.91 0.82	69.16 2.04 0.99	78.99 2.92 0.80	84.53 3.33 0.00	94.15 5.75 0.00	89.93 6.27 0.00	87.57 6.19 0.00	78.34 6.07 0.00	72.03 5.95 0.00	64.40 4.83 0.00	57.02 3.73 0.00
ISLIP_RES_REC 323679	47.66 2.87 0.00	45.95 3.48 0.00	42.37 3.61 0.00	42.87 3.36 0.00	42.93 3.22 0.00	43.77 3.02 0.00	45.57 2.74 0.00	47.38 1.67 0.62	48.13 1.82 2.92	49.22 1.84 2.43	51.32 2.10 2.03	58.31 3.08 -0.19	63.92 3.94 -0.29	71.95 5.08 -0.94	77.30 6.68 -2.52	87.76 8.07 -2.83	125.15 8.52 -35.42	194.82 11.05 -95.38	165.50 9.70 -72.15	88.64 7.24 -0.02	77.63 5.57 0.21	68.92 2.84 0.00	52.03 1.43 8.97	48.67 1.38 6.00

JAMAICA__27_KV_LOAD 355505	47.97 3.18 0.00	45.44 2.97 0.00	41.55 2.79 0.00	42.20 2.69 0.00	42.22 2.50 0.00	43.49 2.73 0.00	46.08 3.26 0.00	49.53 3.20 0.00	52.72 3.50 0.00	53.30 3.49 0.00	54.66 3.18 -0.23	58.93 3.25 -0.64	64.32 3.58 -1.03	71.10 4.22 -0.94	74.35 5.11 -1.13	84.24 6.46 -0.91	88.51 7.31 0.00	97.50 9.11 0.00	91.60 7.95 0.00	87.57 6.19 0.00	77.33 5.06 0.00	69.71 3.63 0.00	62.32 2.74 0.00	55.95 2.66 0.00
JANIS__SOLAR 323808	47.66 2.87 0.00	45.10 2.63 0.00	40.97 2.21 0.00	41.56 2.05 0.00	41.82 2.10 0.00	43.04 2.28 0.00	45.27 2.44 0.00	48.46 2.13 0.00	51.39 2.16 0.00	51.95 2.14 0.00	53.25 2.00 0.00	57.24 2.20 0.00	62.15 2.45 0.00	68.51 2.57 0.00	71.38 3.27 0.00	80.09 3.23 0.00	85.34 4.14 0.00	94.49 6.09 0.00	89.68 6.03 0.00	87.25 5.86 0.00	77.62 5.35 0.00	70.57 4.50 0.00	63.63 4.05 0.00	56.75 3.46 0.00
JARVIS____ 23743	45.11 0.32 0.00	42.73 0.26 0.00	39.03 0.27 0.00	39.79 0.28 0.00	39.96 0.24 0.00	41.04 0.29 0.00	43.09 0.26 0.00	46.52 0.19 0.00	49.43 0.20 0.00	50.01 0.20 0.00	51.41 0.15 0.00	55.26 0.22 0.00	59.94 0.24 0.00	66.20 0.26 0.00	68.52 0.41 0.00	77.33 0.46 0.00	81.78 0.57 0.00	89.37 0.97 0.00	84.32 0.67 0.00	81.87 0.49 0.00	72.71 0.44 0.00	66.34 0.27 0.00	59.76 0.18 0.00	53.45 0.16 0.00
JENNISON____1 23625	47.93 3.14 0.00	45.44 2.97 0.00	41.28 2.52 0.00	41.92 2.41 0.00	42.14 2.42 0.00	43.32 2.57 0.00	45.66 2.83 0.00	48.93 2.59 0.00	52.08 2.86 0.00	52.80 2.99 0.00	54.22 2.97 0.00	58.51 3.47 0.00	63.46 3.76 0.00	69.89 3.96 0.00	72.81 4.70 0.00	81.56 4.69 0.00	86.48 5.28 0.00	95.65 7.25 0.00	90.34 6.69 0.00	87.65 6.27 0.00	77.76 5.49 0.00	71.03 4.96 0.00	63.75 4.17 0.00	56.91 3.62 0.00
JENNISON____2 23626	47.93 3.14 0.00	45.44 2.97 0.00	41.28 2.52 0.00	41.92 2.41 0.00	42.14 2.42 0.00	43.32 2.57 0.00	45.66 2.83 0.00	48.93 2.59 0.00	52.08 2.86 0.00	52.80 2.99 0.00	54.22 2.97 0.00	58.51 3.47 0.00	63.46 3.76 0.00	69.89 3.96 0.00	72.81 4.70 0.00	81.56 4.69 0.00	86.48 5.28 0.00	95.65 7.25 0.00	90.34 6.69 0.00	87.65 6.27 0.00	77.76 5.49 0.00	71.03 4.96 0.00	63.75 4.17 0.00	56.91 3.62 0.00
JERICOHO_RISE_WT_PWR 323719	44.03 -0.76 0.00	41.71 -0.76 0.00	38.06 -0.70 0.00	38.88 -0.63 0.00	39.28 -0.44 0.00	40.23 -0.53 0.00	42.36 -0.47 0.00	46.29 -0.05 0.00	49.18 -0.05 0.00	49.66 -0.15 0.00	50.84 -0.41 0.00	54.32 -0.72 0.00	58.92 -0.78 0.00	65.08 -0.86 0.00	66.41 -1.70 0.00	75.10 -1.76 0.00	79.02 -2.19 0.00	84.69 -3.71 0.00	80.81 -2.84 0.00	79.67 -1.71 0.00	70.75 -1.52 0.00	65.29 -0.79 0.00	59.04 -0.54 0.00	52.75 -0.53 0.00
KATONAH__115KV_46KV_TB4 355592	47.35 2.55 0.00	44.89 2.42 0.00	41.09 2.33 0.00	41.76 2.25 0.00	41.82 2.10 0.00	43.04 2.28 0.00	45.40 2.57 0.00	48.69 2.36 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.04 2.56 -0.23	58.43 2.75 -0.64	63.96 3.22 -1.04	70.70 3.82 -0.94	73.87 4.63 -1.14	83.55 5.77 -0.92	87.62 6.42 0.00	96.62 8.22 0.00	90.76 7.11 0.00	87.00 5.62 0.00	76.82 4.55 0.00	69.65 3.57 0.00	61.90 2.32 0.00	55.52 2.24 0.00
KCE_NY_1 323755	46.99 2.19 0.00	44.42 1.95 0.00	40.54 1.78 0.00	41.25 1.74 0.00	41.46 1.75 0.00	42.59 1.84 0.00	44.67 1.84 0.00	48.09 1.76 0.00	51.10 1.87 0.00	51.50 1.69 0.00	52.43 1.38 0.21	55.94 1.49 0.58	60.31 1.55 0.94	66.87 1.78 0.85	69.26 2.18 1.03	78.96 2.92 0.83	84.37 3.16 0.00	93.17 4.77 0.00	88.25 4.60 0.00	85.61 4.23 0.00	76.24 3.97 0.00	69.51 3.43 0.00	62.50 2.92 0.00	55.63 2.34 0.00
KCE_NY_6_ESR 323823	46.18 1.39 0.00	44.25 1.78 0.00	39.84 1.08 0.00	39.99 0.48 0.00	40.23 0.51 0.00	41.08 0.32 0.00	43.43 0.60 0.00	45.41 -0.93 0.00	49.03 -0.20 0.00	50.56 0.75 0.00	52.68 1.43 0.00	56.80 1.76 0.00	61.73 2.03 0.00	67.13 1.19 0.00	69.67 1.57 0.00	76.87 0.00 0.00	83.23 2.03 0.00	90.96 2.57 0.00	86.08 2.43 0.00	81.87 0.49 0.00	72.27 0.00 0.00	65.82 -0.26 0.00	60.83 1.25 0.00	55.26 1.97 0.00
KEDC_PORT_JEFF_GT2 24210	47.21 2.42 0.00	45.57 3.10 0.00	42.05 3.29 0.00	42.55 3.04 0.00	42.61 2.90 0.00	43.45 2.69 0.00	45.18 2.35 0.00	46.96 1.25 0.63	47.66 1.38 2.94	48.65 1.29 2.45	50.55 1.38 2.08	57.43 2.26 -0.13	62.75 2.87 -0.18	70.70 3.82 -0.94	75.90 5.38 -2.41	86.17 6.61 -2.69	138.43 6.98 -50.25	226.43 9.28 -128.75	188.89 8.11 -97.13	87.10 5.69 -0.02	76.30 4.26 0.23	67.86 1.78 0.00	51.13 0.60 9.04	47.98 0.75 6.05
KEDC_PORT_JEFF_GT3 24211	47.21 2.42 0.00	45.57 3.10 0.00	42.05 3.29 0.00	42.55 3.04 0.00	42.61 2.90 0.00	43.45 2.69 0.00	45.18 2.35 0.00	46.96 1.25 0.63	47.66 1.38 2.94	48.65 1.29 2.45	50.55 1.38 2.08	57.43 2.26 -0.13	62.75 2.87 -0.18	70.70 3.82 -0.94	75.90 5.38 -2.41	86.17 6.61 -2.69	138.43 6.98 -50.25	226.43 9.28 -128.75	188.89 8.11 -97.13	87.10 5.69 -0.02	76.30 4.26 0.23	67.86 1.78 0.00	51.13 0.60 9.04	47.98 0.75 6.05
KEDC_GLWD_GT4 24219	47.62 2.82 0.00	45.49 3.02 0.00	41.70 2.94 0.00	42.31 2.81 0.00	42.38 2.66 0.00	43.37 2.61 0.00	45.57 2.74 0.00	48.39 2.27 0.21	50.67 2.41 0.98	51.44 2.44 0.81	53.57 2.77 0.45	58.54 2.86 -0.64	64.13 3.40 -1.03	70.97 4.09 -0.94	80.04 5.24 -6.69	91.87 6.46 -8.54	88.03 6.82 0.00	97.16 8.75 -0.01	93.73 7.53 -2.54	86.99 5.61 0.00	76.75 4.48 0.00	68.79 2.71 0.00	58.19 1.61 3.00	53.27 1.97 1.99
KEDC_GLWD_GT5 24220	47.62 2.82 0.00	45.49 3.02 0.00	41.70 2.94 0.00	42.31 2.81 0.00	42.38 2.66 0.00	43.37 2.61 0.00	45.57 2.74 0.00	48.39 2.27 0.21	50.67 2.41 0.98	51.44 2.44 0.81	53.57 2.77 0.45	58.54 2.86 -0.64	64.13 3.40 -1.03	70.97 4.09 -0.94	80.04 5.24 -6.69	91.87 6.46 -8.54	88.03 6.82 0.00	97.16 8.75 -0.01	93.73 7.53 -2.54	86.99 5.61 0.00	76.75 4.48 0.00	68.79 2.71 0.00	58.19 1.61 3.00	53.27 1.97 1.99
KENSICO____ 23655	47.30 2.51 0.00	44.85 2.38 0.00	41.05 2.29 0.00	41.72 2.21 0.00	41.82 2.10 0.00	43.00 2.24 0.00	45.31 2.48 0.00	48.60 2.27 0.00	51.69 2.46 0.00	52.25 2.44 0.00	53.89 2.41 -0.23	58.26 2.59 -0.64	63.66 2.93 -1.03	70.37 3.49 -0.94	73.53 4.29 -1.13	83.08 5.30 -0.91	87.05 5.85 0.00	95.91 7.51 0.00	90.09 6.44 0.00	86.43 5.05 0.00	76.39 4.12 0.00	69.18 3.11 0.00	61.54 1.97 0.00	55.26 1.97 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	47.48 2.69 0.00	44.97 2.51 0.00	41.09 2.33 0.00	41.76 2.25 0.00	41.82 2.10 0.00	43.04 2.28 0.00	45.03 2.53 0.33	48.09 2.22 0.46	51.06 2.41 0.58	51.60 2.39 0.60	53.15 2.41 0.51	57.22 2.59 0.41	62.33 2.98 0.36	68.82 3.56 0.68	71.94 4.50 0.66	81.07 5.38 1.17	85.28 6.01 1.93	96.04 8.04 0.41	90.57 7.11 0.19	87.16 5.86 0.08	77.26 4.99 0.00	70.04 3.96 0.00	62.38 2.80 0.00	55.84 2.56 0.00

KIAC_JFK_GT1 23816	47.61 2.82 0.00	45.10 2.63 0.00	41.24 2.48 0.00	41.88 2.37 0.00	41.94 2.22 0.00	43.20 2.45 0.00	45.74 2.91 0.00	49.16 2.83 0.00	52.33 3.10 0.00	52.90 3.09 0.00	54.25 2.77 -0.23	58.49 2.81 -0.64	63.90 3.16 -1.03	70.57 3.69 -0.94	73.80 4.56 -1.13	83.55 5.77 -0.91	87.86 6.66 0.00	96.71 8.31 0.00	90.85 7.19 0.00	86.92 5.53 0.00	76.68 4.41 0.00	69.18 3.11 0.00	61.84 2.26 0.00	55.52 2.24 0.00
KIAC_JFK_GT2 23817	47.61 2.82 0.00	45.10 2.63 0.00	41.24 2.48 0.00	41.88 2.37 0.00	41.94 2.22 0.00	43.20 2.45 0.00	45.74 2.91 0.00	49.16 2.83 0.00	52.33 3.10 0.00	52.90 3.09 0.00	54.25 2.77 -0.23	58.49 2.81 -0.64	63.90 3.16 -1.03	70.57 3.69 -0.94	73.80 4.56 -1.13	83.55 5.77 -0.91	87.86 6.66 0.00	96.71 8.31 0.00	90.85 7.19 0.00	86.92 5.53 0.00	76.68 4.41 0.00	69.18 3.11 0.00	61.84 2.26 0.00	55.52 2.24 0.00
KIAC_JFK____ 323774	47.62 2.82 0.00	45.23 2.76 0.00	41.24 2.48 0.00	41.88 2.37 0.00	41.94 2.22 0.00	43.12 2.36 0.00	45.74 2.91 0.00	49.16 2.83 0.00	52.28 3.05 0.00	52.80 2.99 0.00	54.30 2.82 -0.23	58.70 3.03 -0.64	63.95 3.22 -1.03	70.57 3.69 -0.94	73.87 4.63 -1.13	83.78 6.00 -0.91	87.86 6.66 0.00	96.80 8.40 0.00	90.85 7.20 0.00	86.92 5.54 0.00	76.75 4.48 0.00	68.79 2.71 0.00	61.90 2.32 0.00	55.52 2.24 0.00
KINTIGH__24_KV_GSU 356498	45.37 0.58 0.00	43.45 0.98 0.00	39.19 0.43 0.00	39.43 -0.08 0.00	39.64 -0.08 0.00	40.51 -0.24 0.00	42.74 -0.09 0.00	44.90 -1.44 0.00	48.29 -0.94 0.00	49.71 -0.10 0.00	51.71 0.46 0.00	55.64 0.61 0.00	60.42 0.72 0.00	65.67 -0.26 0.00	68.38 0.27 0.00	75.56 -1.31 0.00	81.45 0.24 0.00	89.28 0.88 0.00	84.57 0.92 0.00	80.65 -0.73 0.00	71.33 -0.94 0.00	65.02 -1.06 0.00	59.76 0.18 0.00	54.14 0.85 0.00
KINTIGH____ 23543	45.38 0.58 0.00	43.87 1.40 0.00	39.19 0.43 0.00	39.43 -0.08 0.00	39.64 -0.08 0.00	40.51 -0.24 0.00	42.74 -0.09 0.00	44.90 -1.44 0.00	48.39 -0.84 0.00	49.71 -0.10 0.00	51.87 0.62 0.00	56.08 1.05 0.00	60.42 0.72 0.00	65.67 -0.26 0.00	68.11 0.00 0.00	75.79 -1.08 0.00	81.04 -0.16 0.00	89.02 0.62 0.00	84.57 0.92 0.00	80.65 -0.73 0.00	71.19 -1.08 0.00	65.75 -0.33 0.00	59.70 0.12 0.00	54.19 0.91 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	44.39 -0.40 0.00	42.00 -0.47 0.00	38.37 -0.39 0.00	39.19 -0.32 0.00	39.60 -0.12 0.00	40.51 -0.24 0.00	42.66 -0.17 0.00	46.47 0.14 0.00	48.84 -0.39 0.00	49.11 -0.70 0.00	50.74 -0.51 0.00	53.99 -1.05 0.00	58.69 -1.01 0.00	64.75 -1.19 0.00	66.20 -1.91 0.00	74.95 -1.92 0.00	78.85 -2.35 0.00	84.69 -3.71 0.00	80.64 -3.01 0.00	79.59 -1.79 0.00	70.75 -1.52 0.00	64.89 -1.19 0.00	58.98 -0.60 0.00	52.70 -0.59 0.00
LACHUTE____HYDRO 323717	47.79 3.00 0.00	44.89 2.42 0.00	40.93 2.17 0.00	41.56 2.05 0.00	41.86 2.14 0.00	43.08 2.32 0.00	44.97 2.14 0.00	48.46 2.13 0.00	51.64 2.41 0.00	52.00 2.19 0.00	52.59 1.54 0.20	56.12 1.65 0.56	60.34 1.55 0.91	67.03 1.91 0.82	69.15 2.04 0.99	79.06 2.99 0.80	84.53 3.33 0.00	94.14 5.74 0.00	89.93 6.28 0.00	87.57 6.18 0.00	78.34 6.07 0.00	71.76 5.68 0.00	64.40 4.82 0.00	57.02 3.73 0.00
LAWRNCALV_115KV_TB1 80681	44.79 0.00 0.00	42.34 -0.13 0.00	38.64 -0.12 0.00	39.43 -0.08 0.00	39.87 0.16 0.00	40.88 0.12 0.00	43.04 0.21 0.00	47.17 0.83 0.00	49.87 0.64 0.00	50.36 0.55 0.00	51.82 0.56 0.00	55.53 0.50 0.00	60.12 0.42 0.00	66.07 0.13 0.00	67.02 -1.09 0.00	75.41 -1.46 0.00	79.42 -1.79 0.00	84.24 -4.15 0.00	80.89 -2.76 0.00	80.33 -1.06 0.00	71.48 -0.79 0.00	65.75 -0.33 0.00	59.99 0.42 0.00	53.82 0.53 0.00
LEDERLE____ 23769	47.35 2.55 0.00	44.89 2.42 0.00	41.09 2.33 0.00	41.76 2.25 0.00	41.82 2.10 0.00	43.04 2.28 0.00	45.36 2.53 0.00	48.65 2.32 0.00	51.74 2.51 0.00	52.30 2.49 0.00	53.97 2.51 -0.21	58.39 2.75 -0.60	63.76 3.10 -0.96	70.44 3.63 -0.87	73.59 4.43 -1.05	83.02 5.30 -0.85	87.21 6.01 0.00	96.09 7.69 0.00	90.26 6.61 0.00	86.59 5.21 0.00	76.61 4.34 0.00	69.45 3.37 0.00	61.84 2.26 0.00	55.47 2.18 0.00
LIGHTHSE_115KV_TB6 355974	45.42 0.63 0.00	42.98 0.51 0.00	39.07 0.31 0.00	39.71 0.20 0.00	39.91 0.20 0.00	41.08 0.33 0.00	43.21 0.39 0.00	46.52 0.19 0.00	49.82 0.20 -0.39	51.26 0.25 -1.20	52.12 0.26 -0.62	56.56 0.22 -1.30	62.05 0.18 -2.17	69.24 0.07 -3.24	68.38 0.27 0.00	76.87 0.00 0.00	81.37 0.16 0.00	89.19 0.80 0.00	84.49 0.84 0.00	84.60 0.90 -2.32	73.14 0.87 0.00	68.01 0.79 -1.14	60.56 0.71 -0.26	53.82 0.53 0.00
LINDEN COGEN____ 23786	47.39 2.60 0.00	45.06 2.59 0.00	41.12 2.36 0.00	41.80 2.29 0.00	41.86 2.14 0.00	42.92 2.16 0.00	45.49 2.66 0.00	48.74 2.41 0.00	50.62 2.51 1.12	50.57 2.44 1.68	50.74 2.51 3.02	52.42 2.70 5.31	54.88 2.87 7.69	60.75 3.30 8.48	65.18 4.16 7.08	78.50 5.38 3.75	82.63 5.85 4.42	91.32 7.51 4.59	84.26 6.28 5.67	73.95 4.72 12.15	65.24 3.90 10.93	58.71 2.38 9.74	53.07 1.67 8.18	51.31 1.76 3.73
LINDHRST_69_KV_BK1 356055	47.35 2.55 0.00	45.44 2.97 0.00	42.40 3.64 0.00	42.95 3.44 0.00	42.97 3.26 0.00	44.30 3.55 0.00	45.70 2.87 0.00	47.74 1.95 0.54	48.85 2.17 2.54	49.83 2.14 2.12	51.93 2.31 1.63	58.47 2.97 -0.46	64.08 3.64 -0.73	71.89 5.01 -0.94	78.45 6.40 -3.95	89.17 7.53 -4.77	89.41 8.20 0.00	101.40 10.43 -2.57	96.16 9.29 -3.22	88.38 7.00 0.00	77.61 5.42 0.08	69.58 3.50 0.00	53.49 1.73 7.81	49.79 1.71 5.20
LIPA_MISC_IPP 23656	46.63 1.84 0.00	44.76 2.29 0.00	41.90 3.14 0.00	42.39 2.88 0.00	42.42 2.70 0.00	43.77 3.02 0.00	44.97 2.14 0.00	46.77 1.07 0.63	47.51 1.23 2.95	48.54 1.20 2.46	50.52 1.28 2.02	57.34 2.04 -0.27	62.80 2.69 -0.42	70.97 4.09 -0.94	76.06 5.58 -2.37	86.25 6.76 -2.62	114.65 7.39 -26.06	180.72 9.64 -82.69	154.76 8.53 -62.57	87.50 6.10 -0.01	76.58 4.48 0.17	68.52 2.44 0.00	51.09 0.60 9.08	47.92 0.69 6.06
LISF____SOLAR 323691	47.21 2.42 0.00	45.53 3.06 0.00	41.98 3.22 0.00	42.47 2.96 0.00	42.54 2.82 0.00	43.37 2.61 0.00	45.10 2.27 0.00	46.86 1.16 0.63	47.56 1.28 2.95	48.60 1.25 2.46	50.66 1.43 2.02	57.65 2.37 -0.25	63.30 3.22 -0.38	71.16 4.28 -0.94	76.35 5.86 -2.39	86.67 7.15 -2.65	117.89 7.63 -29.06	186.31 10.07 -87.84	158.87 8.78 -66.44	87.82 6.43 -0.01	76.93 4.84 0.18	68.33 2.25 0.00	51.28 0.77 9.07	48.08 0.85 6.06
LITTLE FALLS____HYD 24013	45.55 0.76 0.00	43.15 0.68 0.00	39.34 0.58 0.00	40.10 0.59 0.00	40.31 0.60 0.00	41.45 0.69 0.00	43.60 0.77 0.00	46.98 0.65 0.00	49.92 0.69 0.00	50.51 0.70 0.00	51.92 0.67 0.00	55.81 0.77 0.00	60.54 0.84 0.00	66.86 0.92 0.00	69.26 1.16 0.00	78.02 1.15 0.00	82.34 1.14 0.00	90.08 1.68 0.00	85.07 1.42 0.00	82.60 1.22 0.00	73.35 1.08 0.00	67.07 0.99 0.00	60.41 0.83 0.00	54.03 0.75 0.00

LITTLRIV_115KV_TB1 356100	45.38 0.58 0.00	42.85 0.38 0.00	39.11 0.35 0.00	39.86 0.36 0.00	40.35 0.64 0.00	41.37 0.61 0.00	43.60 0.77 0.00	47.68 1.34 0.00	50.36 1.13 0.00	50.76 0.95 0.00	52.17 0.92 0.00	55.92 0.88 0.00	60.54 0.84 0.00	66.53 0.59 0.00	67.49 -0.61 0.00	75.94 -0.92 0.00	80.07 -1.14 0.00	85.13 -3.27 0.00	81.81 -1.84 0.00	81.55 0.16 0.00	72.63 0.36 0.00	66.81 0.73 0.00	60.95 1.37 0.00	54.62 1.33 0.00
LI_NEWBRDGE___DRP 323616	46.58 1.79 0.00	44.64 2.17 0.00	41.63 2.87 0.00	42.20 2.69 0.00	42.18 2.46 0.00	43.53 2.77 0.00	45.01 2.18 0.00	47.04 1.39 0.68	47.53 1.48 3.18	48.60 1.44 2.65	50.87 1.59 1.97	57.61 1.93 -0.64	63.24 2.51 -1.03	70.44 3.56 -0.94	74.38 4.84 -1.44	84.04 5.84 -1.33	87.62 6.42 0.00	96.71 8.31 0.00	90.99 7.19 -0.14	86.51 5.13 0.00	76.10 3.83 0.00	68.33 2.25 0.00	50.57 0.77 9.78	47.71 0.91 6.49
LOCKPORT_115KV_TB60_63_64 80432	45.73 0.94 0.00	44.38 1.91 0.00	39.50 0.74 0.00	39.63 0.12 0.00	39.87 0.16 0.00	40.68 -0.08 0.00	42.92 0.09 0.00	44.43 -1.90 0.00	48.10 -1.13 0.00	49.51 -0.30 0.00	51.76 0.51 0.00	56.08 1.05 0.00	60.30 0.60 0.00	65.41 -0.53 0.00	67.63 -0.48 0.00	75.10 -1.77 0.00	80.55 -0.65 0.00	88.40 0.00 0.00	84.07 0.42 0.00	80.00 -1.38 0.00	70.46 -1.81 0.00	65.29 -0.79 0.00	59.46 -0.12 0.00	54.30 1.01 0.00
LOCKPORT___CC1 323769	45.55 0.76 0.00	43.74 1.27 0.00	39.34 0.58 0.00	39.47 -0.04 0.00	39.72 0.00 0.00	40.55 -0.20 0.00	42.74 -0.09 0.00	44.34 -1.99 0.00	47.90 -1.33 0.00	49.41 -0.40 0.00	51.51 0.26 0.00	55.43 0.39 0.00	60.12 0.42 0.00	65.15 -0.79 0.00	67.77 -0.34 0.00	74.48 -2.38 0.00	80.72 -0.48 0.00	88.31 -0.09 0.00	83.74 0.08 0.00	79.67 -1.71 0.00	70.32 -1.95 0.00	64.16 -1.92 0.00	59.34 -0.24 0.00	54.09 0.80 0.00
LOCKPORT___CC2 323770	45.55 0.76 0.00	43.74 1.27 0.00	39.34 0.58 0.00	39.47 -0.04 0.00	39.72 0.00 0.00	40.55 -0.20 0.00	42.74 -0.09 0.00	44.34 -1.99 0.00	47.90 -1.33 0.00	49.41 -0.40 0.00	51.51 0.26 0.00	55.43 0.39 0.00	60.12 0.42 0.00	65.15 -0.79 0.00	67.77 -0.34 0.00	74.48 -2.38 0.00	80.72 -0.48 0.00	88.31 -0.09 0.00	83.74 0.08 0.00	79.67 -1.71 0.00	70.32 -1.95 0.00	64.16 -1.92 0.00	59.34 -0.24 0.00	54.09 0.80 0.00
LOCKPORT___CC3 323771	45.55 0.76 0.00	43.74 1.27 0.00	39.34 0.58 0.00	39.47 -0.04 0.00	39.72 0.00 0.00	40.55 -0.20 0.00	42.74 -0.09 0.00	44.34 -1.99 0.00	47.90 -1.33 0.00	49.41 -0.40 0.00	51.51 0.26 0.00	55.43 0.39 0.00	60.12 0.42 0.00	65.15 -0.79 0.00	67.77 -0.34 0.00	74.48 -2.38 0.00	80.72 -0.48 0.00	88.31 -0.09 0.00	83.74 0.08 0.00	79.67 -1.71 0.00	70.32 -1.95 0.00	64.16 -1.92 0.00	59.34 -0.24 0.00	54.09 0.80 0.00
LOCUSVLY_69_KV_BK2 55797	47.30 2.51 0.00	45.15 2.68 0.00	41.94 3.18 0.00	42.51 3.00 0.00	42.54 2.82 0.00	43.81 3.06 0.00	45.53 2.70 0.00	48.05 2.04 0.32	50.00 2.26 1.49	50.86 2.29 1.25	53.01 2.56 0.81	58.54 2.86 -0.64	64.26 3.52 -1.03	71.49 4.62 -0.94	79.60 5.79 -5.70	91.04 6.99 -7.18	88.84 7.63 0.00	97.95 9.55 0.00	94.11 8.37 -2.09	87.65 6.27 0.00	77.11 4.84 0.00	69.32 3.24 0.00	56.66 1.67 4.59	52.00 1.76 3.04
LONG_LAKE_PHOENIX 24014	44.57 -0.22 0.00	42.30 -0.17 0.00	38.41 -0.35 0.00	39.07 -0.43 0.00	39.24 -0.48 0.00	40.31 -0.45 0.00	42.36 -0.47 0.00	45.64 -0.69 0.00	49.14 -0.69 -0.60	51.07 -0.51 -0.95	51.69 -0.55 -2.01	56.49 62.45 -3.34	70.21 -0.73 -4.99	67.63 -0.48 0.00	76.17 -0.69 0.00	80.64 -0.57 0.00	88.31 -0.09 0.00	83.57 -0.08 0.00	84.47 -0.49 -3.57	71.76 -0.51 0.00	67.43 -0.40 -1.75	59.45 -0.54 -0.41	52.81 -0.48 0.00	
LOVETT___3 23632	47.12 2.33 0.00	44.64 2.17 0.00	40.89 2.13 0.00	41.56 2.05 0.00	41.62 1.91 0.00	42.84 2.08 0.00	45.14 2.31 0.00	48.37 2.04 0.00	51.44 2.22 0.00	52.00 2.19 0.00	53.67 2.20 -0.21	58.01 2.37 -0.61	63.36 2.69 -0.97	69.92 3.10 -0.89	73.06 3.88 -1.07	82.50 4.77 -0.86	86.56 5.36 0.00	95.38 6.98 0.00	89.59 5.94 0.00	85.94 4.56 0.00	76.03 3.76 0.00	68.92 2.84 0.00	61.36 1.79 0.00	55.04 1.76 0.00
LOVETT___4 23642	47.12 2.33 0.00	44.64 2.17 0.00	40.89 2.13 0.00	41.56 2.05 0.00	41.62 1.91 0.00	42.84 2.08 0.00	45.14 2.31 0.00	48.37 2.04 0.00	51.44 2.22 0.00	52.00 2.19 0.00	53.67 2.20 -0.21	58.01 2.37 -0.61	63.36 2.69 -0.97	69.92 3.10 -0.89	73.06 3.88 -1.07	82.50 4.77 -0.86	86.56 5.36 0.00	95.38 6.98 0.00	89.59 5.94 0.00	85.94 4.56 0.00	76.03 3.76 0.00	68.92 2.84 0.00	61.36 1.79 0.00	55.04 1.76 0.00
LOVETT___5 23593	47.12 2.33 0.00	44.64 2.17 0.00	40.89 2.13 0.00	41.56 2.05 0.00	41.62 1.91 0.00	42.84 2.08 0.00	45.14 2.31 0.00	48.37 2.04 0.00	51.44 2.22 0.00	52.00 2.19 0.00	53.67 2.20 -0.21	58.01 2.37 -0.61	63.36 2.69 -0.97	69.92 3.10 -0.89	73.06 3.88 -1.07	82.50 4.77 -0.86	86.56 5.36 0.00	95.38 6.98 0.00	89.59 5.94 0.00	85.94 4.56 0.00	76.03 3.76 0.00	68.92 2.84 0.00	61.36 1.79 0.00	55.04 1.76 0.00
LOWER_RAQUET___HYD 24057	44.84 0.04 0.00	42.38 -0.08 0.00	38.68 -0.08 0.00	39.47 -0.04 0.00	39.88 0.16 0.00	40.92 0.16 0.00	43.09 0.26 0.00	47.21 0.88 0.00	50.01 0.79 0.00	50.56 0.75 0.00	51.87 0.62 0.00	55.59 0.55 0.00	60.12 0.42 0.00	66.07 0.13 0.00	66.75 -1.36 0.00	75.10 -1.76 0.00	79.09 -2.11 0.00	83.98 -4.42 0.00	81.15 -2.51 0.00	80.24 -1.14 0.00	71.33 -0.94 0.00	66.08 0.00 0.00	59.94 0.36 0.00	53.87 0.59 0.00
LOWER___HUDSON 24059	46.23 1.43 0.00	43.79 1.32 0.00	40.00 1.24 0.00	40.74 1.23 0.00	40.91 1.19 0.00	42.06 1.30 0.00	44.20 1.37 0.00	47.53 1.20 0.00	50.46 1.23 0.00	50.86 1.05 0.00	51.86 0.87 0.27	55.22 0.93 0.75	59.50 1.01 1.21	66.02 1.19 1.10	68.41 1.63 1.33	78.03 2.23 1.07	83.64 2.43 0.00	92.20 3.80 0.00	87.08 3.43 0.00	84.23 2.85 0.00	74.87 2.60 0.00	68.19 2.11 0.00	61.19 1.61 0.00	54.51 1.23 0.00
LOWVILLE_115KV_TB2 356335	46.72 1.93 0.00	43.70 1.23 0.00	39.77 1.01 0.00	40.46 0.95 0.00	40.79 1.07 0.00	42.35 1.59 0.00	44.63 1.80 0.00	48.14 1.81 0.00	51.10 1.77 -0.10	51.86 1.74 -0.31	53.10 1.69 -0.16	57.13 1.76 -0.33	62.04 1.79 -0.55	68.67 1.91 -0.82	69.95 1.84 0.00	78.56 1.69 0.00	83.15 1.95 0.00	91.32 2.92 0.00	86.58 2.93 0.00	85.63 3.66 -0.59	75.67 3.40 0.00	69.47 3.11 -0.29	62.44 2.80 -0.07	55.52 2.24 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.94 2.15 0.00	44.38 1.91 0.00	40.50 1.74 0.00	41.25 1.74 0.00	41.42 1.71 0.00	42.63 1.87 0.00	44.67 1.84 0.00	48.05 1.71 0.00	51.10 1.87 0.00	51.50 1.69 0.00	52.38 1.33 0.21	55.83 1.38 0.58	60.20 1.43 0.94	66.87 1.78 0.85	69.19 2.11 1.03	78.81 2.77 0.83	84.29 3.09 0.00	93.00 4.60 0.00	88.25 4.60 0.00	85.53 4.15 0.00	76.10 3.83 0.00	69.71 3.63 0.00	62.38 2.80 0.00	55.58 2.29 0.00

LUTHERNY_35_KV_BK2 355980	46.99 2.19 0.00	44.42 1.95 0.00	40.54 1.78 0.00	41.25 1.74 0.00	41.46 1.75 0.00	42.63 1.87 0.00	44.71 1.88 0.00	48.09 1.76 0.00	51.15 1.92 0.00	51.55 1.74 0.00	52.43 1.38 0.21	55.89 1.43 0.58	60.26 1.49 0.94	66.93 1.85 0.85	69.26 2.18 1.03	78.88 2.84 0.83	84.37 3.17 0.00	93.08 4.69 0.00	88.34 4.68 0.00	85.61 4.23 0.00	76.17 3.90 0.00	69.78 3.70 0.00	62.44 2.86 0.00	55.63 2.34 0.00
LWR___OSWEGATCHIE_HYD 23850	45.64 0.85 0.00	42.94 0.47 0.00	39.11 0.35 0.00	39.83 0.32 0.00	40.23 0.52 0.00	41.49 0.73 0.00	43.73 0.90 0.00	47.49 1.16 0.00	50.40 1.08 -0.09	51.09 1.00 -0.28	52.37 0.97 -0.14	56.28 0.94 -0.30	61.16 0.96 -0.50	67.42 0.73 -0.75	68.18 0.07 0.00	76.56 -0.31 0.00	80.88 -0.32 0.00	87.52 -0.88 0.00	83.49 -0.17 0.00	83.06 1.14 -0.54	73.35 1.08 0.00	67.60 1.26 -0.26	61.13 1.49 -0.06	54.57 1.28 0.00
LYONS_FALL_HYD 23570	46.54 1.75 0.00	43.70 1.23 0.00	39.84 1.08 0.00	40.50 0.99 0.00	40.83 1.11 0.00	42.22 1.47 0.00	44.46 1.63 0.00	47.95 1.62 0.00	50.97 1.67 -0.06	51.70 1.69 -0.19	52.94 1.59 -0.10	56.96 1.71 -0.21	61.90 1.85 -0.35	68.44 1.98 -0.52	70.22 2.11 0.00	78.79 1.92 0.00	83.47 2.27 0.00	91.67 3.27 0.00	86.75 3.10 0.00	85.17 3.42 -0.37	75.45 3.18 0.00	69.04 2.77 -0.18	62.12 2.50 -0.04	55.26 1.97 0.00
MADISON___COUNTY_LFGE 323628	46.54 1.75 0.00	44.00 1.53 0.00	40.08 1.32 0.00	40.73 1.22 0.00	40.95 1.23 0.00	42.14 1.39 0.00	44.33 1.50 0.00	47.72 1.39 0.00	50.80 1.58 0.00	51.45 1.64 0.00	52.89 1.64 0.00	56.91 1.87 0.00	61.73 2.03 0.00	68.11 2.18 0.00	70.70 2.59 0.00	79.40 2.54 0.00	84.05 2.84 0.00	92.47 4.07 0.00	87.33 3.68 0.00	84.96 3.58 0.00	75.45 3.18 0.00	68.92 2.84 0.00	61.90 2.32 0.00	55.20 1.92 0.00
MALONE___115KV_TB1 356076	44.75 -0.04 0.00	42.30 -0.17 0.00	38.64 -0.12 0.00	39.47 -0.04 0.00	39.87 0.16 0.00	40.80 0.04 0.00	43.04 0.21 0.00	47.07 0.74 0.00	49.72 0.49 0.00	50.16 0.35 0.00	51.76 0.51 0.00	55.31 0.28 0.00	60.06 0.36 0.00	66.14 0.20 0.00	67.43 -0.68 0.00	76.17 -0.69 0.00	80.23 -0.97 0.00	85.92 -2.48 0.00	81.98 -1.67 0.00	80.98 -0.41 0.00	72.05 -0.22 0.00	66.14 0.07 0.00	60.17 0.60 0.00	53.77 0.48 0.00
MAPLEWOD_115KV_TB3 80458	45.82 1.03 0.00	43.36 0.89 0.00	39.69 0.93 0.00	40.42 0.91 0.00	40.59 0.87 0.00	41.74 0.98 0.00	43.77 0.94 0.00	47.12 0.79 0.00	50.12 0.89 0.00	50.51 0.70 0.00	51.57 0.51 0.20	55.03 0.55 0.56	59.40 0.60 0.90	65.97 0.86 0.82	68.34 1.23 0.99	77.76 1.69 0.80	83.15 1.95 0.00	91.49 3.09 0.00	86.41 2.76 0.00	83.58 2.20 0.00	74.15 1.88 0.00	67.80 1.72 0.00	60.65 1.07 0.00	54.09 0.80 0.00
MAPLE_RIDGE_WT_1 323574	44.53 -0.27 0.00	42.17 -0.30 0.00	38.49 -0.27 0.00	39.27 -0.24 0.00	39.56 -0.16 0.00	40.59 -0.16 0.00	42.70 -0.13 0.00	46.33 0.00 0.00	49.23 0.00 0.00	49.81 0.00 0.00	51.20 -0.05 0.00	54.98 -0.05 0.00	59.46 -0.24 0.00	65.67 -0.26 0.00	67.70 -0.41 0.00	76.41 -0.46 0.00	80.64 -0.56 0.00	87.52 -0.88 0.00	82.98 -0.67 0.00	80.90 -0.49 0.00	71.91 -0.36 0.00	65.82 -0.26 0.00	59.40 -0.18 0.00	53.23 -0.05 0.00
MAPLE_RIDGE_WT_2 323611	44.53 -0.27 0.00	42.17 -0.30 0.00	38.49 -0.27 0.00	39.27 -0.24 0.00	39.56 -0.16 0.00	40.59 -0.16 0.00	42.70 -0.13 0.00	46.33 0.00 0.00	49.23 0.00 0.00	49.81 0.00 0.00	51.20 -0.05 0.00	54.98 -0.05 0.00	59.46 -0.24 0.00	65.67 -0.26 0.00	67.70 -0.41 0.00	76.41 -0.46 0.00	80.64 -0.56 0.00	87.52 -0.88 0.00	82.98 -0.67 0.00	80.90 -0.49 0.00	71.91 -0.36 0.00	65.82 -0.26 0.00	59.40 -0.18 0.00	53.23 -0.05 0.00
MARBLE_RIVER_WT_PWR 323696	44.07 -0.72 0.00	41.75 -0.72 0.00	38.10 -0.66 0.00	38.92 -0.59 0.00	39.28 -0.44 0.00	40.27 -0.49 0.00	42.40 -0.43 0.00	46.24 -0.09 0.00	49.08 -0.15 0.00	49.61 -0.20 0.00	50.74 -0.51 0.00	54.16 -0.88 0.00	58.74 -0.96 0.00	64.88 -1.06 0.00	66.27 -1.84 0.00	74.95 -1.92 0.00	78.85 -2.36 0.00	84.60 -3.80 0.00	80.72 -2.93 0.00	79.51 -1.87 0.00	70.61 -1.66 0.00	65.15 -0.93 0.00	58.86 -0.71 0.00	52.65 -0.64 0.00
MARSHVLE_115KV_TB1 80742	48.33 3.54 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.35 2.84 0.00	42.62 2.90 0.00	43.77 3.02 0.00	45.78 2.96 0.00	48.79 2.46 0.00	51.64 2.41 0.00	51.85 2.04 0.00	52.98 1.85 0.12	56.63 1.93 0.34	61.13 1.97 0.54	67.88 2.44 0.50	70.71 3.20 0.60	80.00 3.61 0.48	85.43 4.22 0.00	94.32 5.92 0.00	90.18 6.52 0.00	88.30 6.92 0.00	78.85 6.58 0.00	72.16 6.08 0.00	64.58 5.00 0.00	57.44 4.16 0.00
MARSH_HILL_WT_PWR 323713	47.12 2.33 0.00	44.89 2.42 0.00	40.54 1.78 0.00	40.85 1.34 0.00	41.11 1.39 0.00	42.14 1.39 0.00	44.37 1.54 0.00	46.80 0.46 0.00	49.97 0.74 0.00	51.00 1.19 0.00	52.94 1.69 0.00	57.18 2.14 0.00	61.91 2.21 0.00	67.72 1.78 0.00	70.49 2.38 0.00	78.32 1.46 0.00	84.12 2.92 0.00	92.47 4.07 0.00	87.83 4.18 0.00	84.47 3.09 0.00	75.09 2.82 0.00	68.33 2.25 0.00	62.32 2.74 0.00	56.43 3.14 0.00
MCINTYRE_115KV_TB2 80467	45.51 0.72 0.00	43.02 0.55 0.00	39.26 0.50 0.00	40.02 0.51 0.00	40.51 0.79 0.00	41.53 0.77 0.00	43.73 0.90 0.00	47.77 1.44 0.00	50.41 1.18 0.00	50.76 0.95 0.00	52.12 0.87 0.00	55.86 0.83 0.00	60.54 0.84 0.00	66.60 0.66 0.00	67.63 -0.48 0.00	76.33 -0.54 0.00	80.47 -0.73 0.00	85.48 -2.92 0.00	82.31 -1.34 0.00	82.20 0.81 0.00	73.28 1.01 0.00	67.27 1.19 0.00	61.36 1.79 0.00	54.88 1.60 0.00
MECO_____69_KV_BK1 80468	48.82 4.03 0.00	46.16 3.69 0.00	42.02 3.26 0.00	42.75 3.24 0.00	43.01 3.30 0.00	44.22 3.46 0.00	46.30 3.47 0.00	49.62 3.29 0.00	52.58 3.35 0.00	52.80 2.99 0.00	53.84 2.72 0.13	57.47 2.81 0.37	62.08 2.98 0.60	68.88 3.49 0.55	71.53 4.09 0.66	81.25 4.92 0.53	86.73 5.52 0.00	96.09 7.69 0.00	91.68 8.03 0.00	89.44 8.06 0.00	79.79 7.52 0.00	73.08 7.00 0.00	65.42 5.84 0.00	58.14 4.85 0.00
MENANDS___115KV_TB5 355628	45.46 0.67 0.00	43.02 0.55 0.00	39.38 0.62 0.00	40.14 0.63 0.00	40.31 0.60 0.00	41.45 0.69 0.00	43.47 0.64 0.00	46.80 0.46 0.00	49.77 0.54 0.00	50.21 0.40 0.00	51.26 0.21 0.20	54.65 0.17 0.56	59.04 0.24 0.90	65.58 0.46 0.82	67.94 0.82 0.98	77.23 1.15 0.79	82.58 1.38 0.00	90.87 2.48 0.00	85.74 2.09 0.00	82.85 1.46 0.00	73.57 1.30 0.00	67.14 1.06 0.00	60.05 0.48 0.00	53.61 0.32 0.00
MG INDUSTRY___DRP 24185	44.52 -0.27 0.00	42.15 -0.30 0.02	39.38 0.62 0.00	40.18 0.67 0.00	40.35 0.64 0.00	41.41 0.65 0.00	40.42 -0.26 2.16	42.76 -0.51 3.06	44.79 -0.59 3.85	45.05 -0.80 3.96	45.81 -1.03 4.42	48.29 -1.16 5.59	51.51 -1.19 6.99	56.04 -1.19 8.71	57.69 -0.95 9.46	64.15 -0.85 11.87	67.67 -0.73 12.80	85.71 0.00 2.69	82.20 -0.17 1.29	80.45 -0.41 0.52	71.91 -0.36 0.00	65.68 -0.40 0.00	58.86 -0.71 0.00	52.54 -0.75 0.00

MID___OSWEGATCHIE_HYD 23849	45.64 0.85 0.00	42.94 0.47 0.00	39.11 0.35 0.00	39.83 0.32 0.00	40.23 0.52 0.00	41.49 0.73 0.00	43.73 0.90 0.00	47.49 1.16 0.00	50.40 1.08 -0.09	51.09 1.00 -0.28	52.37 0.97 -0.14	56.28 0.94 -0.30	61.16 0.96 -0.50	67.42 0.73 -0.75	68.18 0.07 0.00	76.56 -0.31 0.00	80.88 -0.32 0.00	87.52 -0.88 0.00	83.49 -0.17 0.00	83.06 1.14 -0.54	73.35 1.08 0.00	67.60 1.26 -0.26	61.13 1.49 -0.06	54.57 1.28 0.00
MID___RAQUETTE_HYD 23851	44.84 0.04 0.00	42.38 -0.08 0.00	38.68 -0.08 0.00	39.47 -0.04 0.00	39.87 0.16 0.00	40.92 0.16 0.00	43.09 0.26 0.00	47.21 0.88 0.00	49.92 0.69 0.00	50.41 0.60 0.00	51.87 0.62 0.00	55.53 0.50 0.00	60.18 0.48 0.00	66.07 0.13 0.00	66.81 -1.29 0.00	75.18 -1.69 0.00	79.17 -2.03 0.00	84.07 -4.33 0.00	80.72 -2.93 0.00	80.24 -1.14 0.00	71.40 -0.87 0.00	65.68 -0.40 0.00	59.99 0.42 0.00	53.87 0.59 0.00
MILLIKEN___1 23584	46.27 1.48 0.00	43.91 1.44 0.00	39.85 1.09 0.00	40.50 0.99 0.00	40.67 0.95 0.00	41.78 1.02 0.00	43.90 1.07 0.00	47.17 0.83 0.00	50.28 0.98 -0.07	51.11 1.10 -0.21	52.54 1.18 -0.11	56.70 1.43 -0.23	61.57 1.49 -0.38	68.02 1.52 -0.56	70.08 1.98 0.00	78.79 1.92 0.00	83.64 2.44 0.00	91.94 3.54 0.00	87.25 3.60 0.00	84.80 3.01 -0.40	74.94 2.67 0.00	68.79 2.51 -0.20	61.59 1.97 -0.05	54.99 1.71 0.00
MILLIKEN___2 23585	46.27 1.48 0.00	43.91 1.44 0.00	39.85 1.09 0.00	40.50 0.99 0.00	40.67 0.95 0.00	41.78 1.02 0.00	43.90 1.07 0.00	47.17 0.83 0.00	50.28 0.98 -0.07	51.11 1.10 -0.21	52.54 1.18 -0.11	56.70 1.43 -0.23	61.57 1.49 -0.38	68.02 1.52 -0.56	70.08 1.98 0.00	78.79 1.92 0.00	83.64 2.44 0.00	91.94 3.54 0.00	87.25 3.60 0.00	84.80 3.01 -0.40	74.94 2.67 0.00	68.79 2.51 -0.20	61.59 1.97 -0.05	54.99 1.71 0.00
MILLIKEN___DIESEL 23629	46.27 1.48 0.00	43.91 1.44 0.00	39.85 1.09 0.00	40.50 0.99 0.00	40.67 0.95 0.00	41.78 1.02 0.00	43.90 1.07 0.00	47.17 0.83 0.00	50.28 0.98 -0.07	51.11 1.10 -0.21	52.54 1.18 -0.11	56.70 1.43 -0.23	61.57 1.49 -0.38	68.02 1.52 -0.56	70.08 1.98 0.00	78.79 1.92 0.00	83.64 2.44 0.00	91.94 3.54 0.00	87.25 3.60 0.00	84.80 3.01 -0.40	74.94 2.67 0.00	68.79 2.51 -0.20	61.59 1.97 -0.05	54.99 1.71 0.00
MILLSEAT___LFGE 323607	46.59 1.79 0.00	44.59 2.12 0.00	40.08 1.32 0.00	40.26 0.75 0.00	40.51 0.79 0.00	41.37 0.61 0.00	43.64 0.81 0.00	45.54 -0.79 0.00	49.03 -0.20 0.00	50.56 0.75 0.00	52.68 1.43 0.00	56.64 1.60 0.00	61.55 1.85 0.00	66.93 0.99 0.00	69.67 1.57 0.00	76.87 0.00 0.00	83.07 1.87 0.00	91.31 2.91 0.00	86.66 3.01 0.00	82.52 1.14 0.00	72.78 0.51 0.00	66.48 0.40 0.00	61.19 1.61 0.00	55.52 2.24 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.21 2.42 0.00	44.72 2.25 0.00	40.97 2.21 0.00	41.64 2.13 0.00	41.70 1.99 0.00	42.92 2.16 0.00	45.23 2.40 0.00	48.51 2.18 0.00	51.54 2.31 0.00	52.10 2.29 0.00	53.78 2.31 -0.22	58.15 2.48 -0.64	63.53 2.81 -1.02	70.17 3.30 -0.93	73.32 4.09 -1.12	82.85 5.07 -0.91	86.81 5.60 0.00	95.65 7.25 0.00	89.93 6.27 0.00	86.18 4.80 0.00	76.25 3.97 0.00	69.12 3.04 0.00	61.48 1.91 0.00	55.15 1.87 0.00
MILLWOOD_13_KV_LOAD 356217	47.35 2.55 0.00	44.85 2.38 0.00	41.09 2.33 0.00	41.76 2.25 0.00	41.82 2.10 0.00	43.04 2.28 0.00	45.36 2.53 0.00	48.65 2.32 0.00	51.69 2.46 0.00	52.30 2.49 0.00	53.94 2.46 -0.22	58.37 2.70 -0.64	63.77 3.04 -1.02	70.50 3.63 -0.93	73.66 4.43 -1.12	83.23 5.46 -0.91	87.29 6.09 0.00	96.18 7.78 0.00	90.34 6.69 0.00	86.67 5.29 0.00	76.53 4.26 0.00	69.38 3.30 0.00	61.72 2.14 0.00	55.36 2.08 0.00
MODEL_CITY_ENERGY 24167	45.47 0.67 0.00	43.70 1.23 0.00	39.30 0.54 0.00	39.43 -0.08 0.00	39.72 0.00 0.00	40.51 -0.24 0.00	42.66 -0.17 0.00	44.02 -2.32 0.00	47.56 -1.67 0.00	49.06 -0.75 0.00	51.15 -0.10 0.00	55.04 0.00 0.00	59.76 0.06 0.00	64.82 -1.12 0.00	67.43 -0.68 0.00	74.10 -2.76 0.00	80.39 -0.81 0.00	87.96 -0.44 0.00	83.40 -0.25 0.00	79.27 -2.12 0.00	69.95 -2.32 0.00	63.83 -2.25 0.00	59.04 -0.54 0.00	53.93 0.64 0.00
MODERN_LFGE___ 323580	45.47 0.67 0.00	43.70 1.23 0.00	39.30 0.54 0.00	39.43 -0.08 0.00	39.72 0.00 0.00	40.51 -0.24 0.00	42.66 -0.17 0.00	44.02 -2.32 0.00	47.56 -1.67 0.00	49.06 -0.75 0.00	51.15 -0.10 0.00	55.04 0.00 0.00	59.76 0.06 0.00	64.82 -1.12 0.00	67.43 -0.68 0.00	74.10 -2.76 0.00	80.39 -0.81 0.00	87.96 -0.44 0.00	83.40 -0.25 0.00	79.27 -2.12 0.00	69.95 -2.32 0.00	63.83 -2.25 0.00	59.04 -0.54 0.00	53.93 0.64 0.00
MOHAWK_PAPER___DRP 24187	45.82 1.03 0.00	43.36 0.89 0.00	39.69 0.93 0.00	40.42 0.91 0.00	40.59 0.87 0.00	41.74 0.98 0.00	43.77 0.94 0.00	47.12 0.79 0.00	50.12 0.89 0.00	50.51 0.70 0.00	51.57 0.51 0.20	55.03 0.55 0.56	59.40 0.60 0.90	65.97 0.86 0.82	68.34 1.23 0.99	77.76 1.69 0.80	83.15 1.95 0.00	91.49 3.09 0.00	86.41 2.76 0.00	83.58 2.20 0.00	74.15 1.88 0.00	67.80 1.72 0.00	60.65 1.07 0.00	54.09 0.80 0.00
MOHICAN___35_KV_115KV_LD 80490	46.94 2.15 0.00	44.25 1.78 0.00	40.39 1.63 0.00	41.05 1.54 0.00	41.30 1.59 0.00	42.51 1.75 0.00	44.50 1.67 0.00	47.91 1.58 0.00	51.00 1.77 0.00	51.40 1.59 0.00	51.97 0.92 0.20	55.40 0.94 0.57	59.68 0.90 0.92	66.22 1.12 0.84	68.53 1.43 1.01	78.13 2.08 0.81	83.64 2.44 0.00	92.55 4.15 0.00	88.17 4.52 0.00	85.61 4.23 0.00	76.46 4.19 0.00	70.04 3.96 0.00	62.67 3.10 0.00	55.68 2.40 0.00
MONGAUP___HYD 23641	47.17 2.37 0.00	44.76 2.29 0.00	40.85 2.09 0.00	41.52 2.01 0.00	41.62 1.91 0.00	42.75 2.00 0.00	45.01 2.18 0.00	48.19 1.86 0.00	51.05 1.82 0.00	51.55 1.74 0.00	53.23 1.79 -0.19	57.55 1.98 -0.53	62.77 2.21 -0.86	69.29 2.57 -0.78	72.45 3.40 -0.94	81.93 4.30 -0.76	84.69 3.49 0.00	93.70 5.30 0.00	88.25 4.60 0.00	86.35 4.97 0.00	76.68 4.41 0.00	69.25 3.17 0.00	62.08 2.50 0.00	55.52 2.24 0.00
MONTAUK___DIESEL 23721	49.14 4.34 0.00	47.10 4.63 0.00	43.91 5.16 0.00	44.41 4.90 0.00	44.40 4.69 0.00	45.73 4.97 0.00	47.07 4.24 0.00	49.08 3.38 0.63	50.27 3.99 2.95	51.63 4.28 2.46	54.00 4.77 2.02	61.41 6.11 -0.26	67.33 7.22 -0.40	76.11 9.23 -0.94	81.59 11.10 -2.38	92.64 13.14 -2.63	122.67 14.29 -27.18	190.38 17.33 -84.65	163.51 15.81 -64.05	94.25 12.86 -0.01	82.00 9.90 0.17	73.21 7.14 0.00	54.97 4.47 9.08	51.33 4.10 6.06
MOONROAD_115KV_HARTFLD_TB1-2 355988	47.39 2.60 0.00	45.74 3.27 0.00	40.70 1.94 0.00	40.85 1.34 0.00	41.11 1.39 0.00	42.02 1.26 0.00	44.59 1.76 0.00	46.70 0.37 0.00	50.66 1.43 0.00	52.10 2.29 0.00	54.48 3.23 0.00	59.06 4.02 0.00	63.52 3.82 0.00	69.10 3.16 0.00	71.38 3.27 0.00	79.40 2.54 0.00	85.18 3.98 0.00	93.35 4.95 0.00	88.50 4.85 0.00	84.23 2.85 0.00	74.15 1.88 0.00	68.46 2.38 0.00	62.38 2.80 0.00	56.75 3.46 0.00

MORRIS_RIDGE___SOLAR 323848	46.36 1.57 0.00	44.25 1.78 0.00	39.96 1.20 0.00	40.26 0.75 0.00	40.51 0.79 0.00	41.45 0.69 0.00	43.64 0.81 0.00	45.73 -0.60 0.00	48.89 -0.34 0.00	50.01 0.20 0.00	52.02 0.77 0.00	56.20 1.16 0.00	60.89 1.19 0.00	66.46 0.53 0.00	69.19 1.09 0.00	76.64 -0.23 0.00	82.50 1.30 0.00	90.52 2.12 0.00	85.82 2.17 0.00	82.44 1.06 0.00	73.28 1.01 0.00	66.74 0.66 0.00	61.12 1.55 0.00	55.36 2.08 0.00
MORTIMER_115KV_TB3 55949	45.82 1.03 0.00	43.96 1.49 0.00	39.42 0.66 0.00	39.79 0.28 0.00	39.99 0.28 0.00	40.92 0.16 0.00	43.17 0.34 0.00	45.87 -0.46 0.00	49.18 -0.05 0.00	50.41 0.60 0.00	52.48 1.23 0.00	56.63 1.60 0.00	61.13 1.43 0.00	66.93 0.99 0.00	69.47 1.36 0.00	77.64 0.77 0.00	82.67 1.46 0.00	90.96 2.56 0.00	86.25 2.59 0.00	82.60 1.22 0.00	72.92 0.65 0.00	67.20 1.12 0.00	60.71 1.13 0.00	54.73 1.44 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	47.61 2.82 0.00	45.15 2.68 0.00	41.32 2.56 0.00	42.00 2.49 0.00	42.02 2.30 0.00	43.24 2.49 0.00	45.61 2.78 0.00	48.93 2.59 0.00	51.99 2.76 0.00	52.60 2.79 0.00	54.25 2.77 -0.23	58.54 2.86 -0.64	63.96 3.22 -1.03	70.64 3.76 -0.94	73.87 4.63 -1.13	83.47 5.69 -0.91	87.54 6.33 0.00	96.36 7.96 0.00	90.51 6.86 0.00	86.75 5.37 0.00	76.61 4.34 0.00	69.32 3.24 0.00	61.66 2.09 0.00	55.42 2.13 0.00
MUNSVILLE_WIND_PWR 323609	49.45 4.66 0.00	46.72 4.25 0.00	42.44 3.68 0.00	42.99 3.48 0.00	43.29 3.58 0.00	44.63 3.87 0.00	47.11 4.28 0.00	50.41 4.08 0.00	53.51 4.28 0.00	54.19 4.38 0.00	55.50 4.25 0.00	59.88 4.84 0.00	65.08 5.38 0.00	71.67 5.73 0.00	74.85 6.74 0.00	83.55 6.68 0.00	88.83 7.63 0.00	98.74 10.34 0.00	93.19 9.53 0.00	90.82 9.44 0.00	80.72 8.45 0.00	73.28 7.20 0.00	66.07 6.49 0.00	58.83 5.54 0.00
N SALMON___HYD 24042	44.75 -0.04 0.00	42.34 -0.13 0.00	38.64 -0.12 0.00	39.47 -0.04 0.00	39.84 0.12 0.00	40.80 0.04 0.00	43.04 0.22 0.00	47.07 0.74 0.00	49.97 0.74 0.00	50.46 0.65 0.00	51.71 0.46 0.00	55.31 0.28 0.00	60.00 0.30 0.00	66.14 0.20 0.00	67.36 -0.75 0.00	76.17 -0.69 0.00	80.15 -1.06 0.00	85.83 -2.57 0.00	82.15 -1.50 0.00	81.06 -0.32 0.00	71.98 -0.29 0.00	66.48 0.40 0.00	60.11 0.53 0.00	53.76 0.48 0.00
N.AKRON__115KV_KNAPP 355671	46.41 1.61 0.00	44.93 2.46 0.00	39.96 1.20 0.00	40.10 0.59 0.00	40.35 0.64 0.00	41.21 0.45 0.00	43.47 0.64 0.00	45.27 -1.07 0.00	48.88 -0.34 0.00	50.31 0.50 0.00	52.64 1.38 0.00	56.91 1.87 0.00	61.25 1.55 0.00	66.53 0.59 0.00	68.92 0.82 0.00	76.64 -0.23 0.00	82.10 0.89 0.00	90.34 1.94 0.00	85.99 2.34 0.00	81.79 0.41 0.00	72.05 -0.22 0.00	66.67 0.59 0.00	60.65 1.07 0.00	55.20 1.92 0.00
N.E_GEN_SANDY PD 24062	46.23 1.43 0.00	43.83 1.36 0.00	40.08 1.32 0.00	40.77 1.26 0.00	40.95 1.23 0.00	42.10 1.34 0.00	44.37 1.54 0.00	47.58 1.25 0.00	50.51 1.28 0.00	50.80 1.00 0.00	50.70 0.92 1.48	51.90 1.04 4.18	54.10 1.13 6.73	61.20 1.39 6.12	62.70 1.98 7.38	73.60 2.69 5.96	84.12 2.92 0.00	92.73 4.33 0.00	87.33 3.68 0.00	84.15 2.77 0.00	74.65 2.38 0.00	67.73 1.65 0.00	61.49 1.13 -0.78	53.35 0.85 0.78
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	47.21 2.42 0.00	44.76 2.29 0.00	40.97 2.21 0.00	41.64 2.13 0.00	41.70 1.99 0.00	42.92 2.16 0.00	45.23 2.40 0.00	48.46 2.13 0.00	51.54 2.31 0.00	52.15 2.34 0.00	53.82 2.36 -0.21	58.17 2.53 -0.60	63.53 2.87 -0.97	70.18 3.36 -0.88	73.32 4.15 -1.06	82.79 5.07 -0.85	86.81 5.60 0.00	95.74 7.34 0.00	89.93 6.27 0.00	86.27 4.88 0.00	76.32 4.05 0.00	69.18 3.11 0.00	61.60 2.03 0.00	55.26 1.97 0.00
N.QUEENS_27_KV_LOAD 356247	48.07 3.27 -0.01	45.58 3.10 -0.01	41.67 2.91 -0.01	42.32 2.81 -0.01	42.26 2.54 0.00	43.24 2.49 0.00	45.70 2.87 0.00	48.79 2.46 0.00	51.74 2.51 0.00	52.30 2.49 0.00	53.99 2.51 -0.23	58.05 2.37 -0.64	63.29 2.57 -1.03	70.17 3.30 -0.93	73.39 4.15 -1.13	82.92 5.15 -0.91	86.96 5.77 0.01	95.82 7.43 0.01	90.25 6.61 0.01	86.42 5.05 0.01	76.45 4.19 0.01	69.18 3.11 0.01	61.36 1.79 0.01	55.68 2.40 0.00
N.TROY___115KV_TB1 355778	46.23 1.43 0.00	43.74 1.27 0.00	40.00 1.24 0.00	40.73 1.22 0.00	40.91 1.19 0.00	42.10 1.34 0.00	44.20 1.37 0.00	47.54 1.20 0.00	50.51 1.28 0.00	50.91 1.10 0.00	51.81 0.82 0.27	55.17 0.88 0.75	59.44 0.96 1.21	66.09 1.25 1.10	68.41 1.63 1.33	77.95 2.15 1.07	83.64 2.44 0.00	92.20 3.80 0.00	87.08 3.43 0.00	84.23 2.85 0.00	74.80 2.53 0.00	68.39 2.31 0.00	61.19 1.61 0.00	54.51 1.23 0.00
NARROWS_GT1_1 24228	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NARROWS_GT1_2 24229	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NARROWS_GT1_3 24230	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NARROWS_GT1_4 24231	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NARROWS_GT1_5 24232	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00

NARROWS_GT1_6 24233	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NARROWS_GT1_7 24234	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NARROWS_GT1_8 24235	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NARROWS_GT2_1 24236	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NARROWS_GT2_2 24237	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NARROWS_GT2_3 24238	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NARROWS_GT2_4 24239	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NARROWS_GT2_5 24240	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NARROWS_GT2_6 24241	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NARROWS_GT2_7 24242	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NARROWS_GT2_8 24243	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.25 2.77 -0.23	58.65 2.97 -0.64	63.83 3.10 -1.03	70.56 3.69 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.37 6.17 0.01	96.35 7.96 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.91 2.84 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	45.78 0.99 0.00	43.34 0.89 0.02	39.69 0.93 0.00	40.42 0.91 0.00	40.59 0.87 0.00	41.74 0.98 0.00	41.11 1.03 2.74	43.22 0.79 3.90	45.12 0.79 4.89	45.31 0.55 5.05	45.95 0.26 5.56	48.27 0.17 6.93	51.39 0.30 8.61	55.71 0.59 10.82	57.34 0.95 11.72	63.47 1.46 14.85	66.70 1.79 16.29	88.43 3.45 3.42	85.36 3.35 1.64	83.65 2.93 0.67	74.37 2.10 0.00	68.06 1.98 0.00	60.95 1.37 0.00	54.30 1.01 0.00
NCHELSEA_115KV_TR2 355582	47.35 2.55 0.00	44.85 2.38 0.00	41.05 2.29 0.00	41.72 2.21 0.00	41.78 2.07 0.00	43.04 2.28 0.00	45.31 2.48 0.00	48.56 2.22 0.00	51.59 2.36 0.00	52.15 2.34 0.00	53.79 2.36 -0.18	58.08 2.53 -0.51	63.44 2.93 -0.82	70.18 3.49 -0.74	73.29 4.29 -0.90	82.82 5.23 -0.72	87.05 5.85 0.00	96.09 7.69 0.00	90.34 6.69 0.00	86.75 5.37 0.00	76.75 4.48 0.00	69.65 3.57 0.00	62.02 2.44 0.00	55.58 2.29 0.00
NEG CAPITAL___MECHNVIL 23645	47.08 2.28 0.00	44.47 2.00 0.00	40.62 1.86 0.00	41.29 1.78 0.00	41.54 1.83 0.00	42.67 1.92 0.00	44.80 1.97 0.00	48.19 1.86 0.00	51.25 2.02 0.00	51.60 1.79 0.00	52.62 1.59 0.23	56.10 1.71 0.64	60.45 1.79 1.04	67.10 2.11 0.94	69.49 2.52 1.14	79.18 3.23 0.92	84.77 3.57 0.00	93.61 5.21 0.00	88.59 4.93 0.00	85.86 4.47 0.00	76.39 4.12 0.00	69.71 3.63 0.00	62.55 2.98 0.00	55.69 2.40 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.93 0.13 0.00	42.77 0.30 0.00	38.64 -0.12 0.00	39.08 -0.43 0.00	39.28 -0.44 0.00	40.27 -0.49 0.00	42.40 -0.43 0.00	45.27 -1.06 0.00	48.46 -0.84 -0.07	49.77 -0.25 -0.21	51.56 0.21 -0.11	55.54 0.28 -0.23	60.55 0.48 -0.38	66.56 0.07 -0.56	68.65 0.54 0.00	76.56 -0.31 0.00	81.78 0.57 0.00	89.81 1.41 0.00	84.99 1.33 0.00	81.95 0.16 -0.40	72.05 -0.22 0.00	66.01 -0.26 -0.20	59.86 0.24 -0.05	53.71 0.42 0.00

NEG CENTRAL___DRP 24199	45.96 1.16 0.00	43.74 1.27 0.00	39.54 0.78 0.00	40.06 0.55 0.00	40.27 0.56 0.00	41.37 0.61 0.00	43.51 0.69 0.00	46.66 0.32 0.00	49.83 0.44 -0.15	50.98 0.70 -0.48	52.47 0.97 -0.24	56.82 1.27 -0.51	61.81 1.25 -0.86	68.34 1.12 -1.28	69.67 1.57 0.00	78.17 1.31 0.00	82.99 1.79 0.00	91.05 2.65 0.00	86.50 2.84 0.00	84.33 2.03 -0.92	73.93 1.66 0.00	68.25 1.72 -0.45	60.99 1.31 -0.10	54.62 1.33 0.00
NEG CENTRAL___INDECK 23768	47.84 3.05 0.00	45.53 3.06 0.00	41.01 2.25 0.00	41.33 1.82 0.00	41.58 1.87 0.00	42.63 1.88 0.00	44.84 2.01 0.00	47.21 0.88 0.00	50.27 1.04 0.00	51.30 1.49 0.00	53.15 1.90 0.00	57.18 2.14 0.00	60.18 0.48 0.00	65.81 -0.13 0.00	68.72 0.61 0.00	76.33 -0.53 0.00	81.93 0.73 0.00	90.61 2.21 0.00	86.66 3.01 0.00	83.74 2.36 0.00	74.37 2.10 0.00	67.86 1.78 0.00	61.84 2.26 0.00	57.45 4.16 0.00
NEG CENTRAL___SENECA 23627	46.41 1.61 0.00	44.25 1.78 0.00	39.88 1.12 0.00	40.38 0.87 0.00	40.59 0.87 0.00	41.65 0.90 0.00	43.86 1.03 0.00	46.89 0.56 0.00	50.01 0.69 -0.09	51.10 1.00 -0.29	52.78 1.38 -0.15	57.17 1.82 -0.31	61.95 1.73 -0.52	68.30 1.58 -0.78	70.22 2.11 0.00	78.71 1.84 0.00	83.64 2.44 0.00	91.76 3.36 0.00	87.33 3.68 0.00	84.79 2.85 -0.56	74.58 2.31 0.00	68.67 2.31 -0.27	61.55 1.91 -0.06	55.26 1.97 0.00
NEG CENTRAL___STATE_STREET 24147	45.69 0.90 0.00	43.40 0.93 0.00	39.34 0.58 0.00	39.94 0.43 0.00	40.11 0.40 0.00	41.21 0.45 0.00	43.30 0.47 0.00	46.61 0.28 0.00	49.91 0.49 -0.19	51.03 0.65 -0.58	52.32 0.77 -0.30	56.65 0.99 -0.62	61.75 1.01 -1.04	68.48 0.99 -1.55	69.47 1.36 0.00	78.10 1.23 0.00	82.83 1.62 0.00	90.87 2.48 0.00	86.16 2.51 0.00	84.28 1.79 -1.11	73.72 1.45 0.00	68.08 1.45 -0.54	60.72 1.01 -0.13	54.19 0.91 0.00
NEG MILLWOOD___DRP 24198	47.53 2.73 0.00	45.06 2.59 0.00	41.20 2.44 0.00	41.88 2.37 0.00	41.94 2.22 0.00	43.16 2.40 0.00	45.48 2.66 0.00	48.83 2.50 0.00	51.89 2.66 0.00	52.50 2.69 0.00	54.12 2.67 -0.20	58.52 2.92 -0.57	64.02 3.40 -0.91	70.86 4.09 -0.83	74.01 4.90 -1.00	83.75 6.07 -0.81	87.94 6.74 0.00	97.15 8.75 0.00	91.26 7.61 0.00	87.49 6.10 0.00	77.26 4.99 0.00	70.11 4.03 0.00	62.32 2.74 0.00	55.84 2.56 0.00
NEG NORTH_FLCN_SEA 23793	44.08 -0.72 0.00	41.71 -0.76 0.00	38.10 -0.66 0.00	38.92 -0.59 0.00	39.28 -0.44 0.00	40.23 -0.53 0.00	42.36 -0.47 0.00	46.05 -0.28 0.00	48.25 -0.98 0.00	48.51 -1.30 0.00	50.18 -1.08 0.00	53.22 -1.82 0.00	57.79 -1.91 0.00	63.83 -2.11 0.00	65.25 -2.86 0.00	73.79 -3.07 0.00	77.63 -3.57 0.00	83.27 -5.13 0.00	79.30 -4.35 0.00	78.21 -3.17 0.00	69.60 -2.67 0.00	63.77 -2.31 0.00	57.97 -1.61 0.00	51.79 -1.49 0.00
NEG NORTH_KES_CHATEGAY 23792	44.17 -0.63 0.00	41.79 -0.68 0.00	38.18 -0.58 0.00	38.96 -0.55 0.00	39.36 -0.36 0.00	40.35 -0.41 0.00	42.44 -0.39 0.00	46.38 0.05 0.00	48.93 -0.30 0.00	49.31 -0.50 0.00	50.84 -0.41 0.00	54.32 -0.72 0.00	58.98 -0.72 0.00	65.08 -0.86 0.00	66.47 -1.63 0.00	75.18 -1.69 0.00	79.17 -2.03 0.00	84.95 -3.45 0.00	80.89 -2.76 0.00	79.92 -1.46 0.00	71.04 -1.23 0.00	65.15 -0.93 0.00	59.28 -0.30 0.00	52.91 -0.37 0.00
NEG NORTH___ALICE_FALLS 23915	44.39 -0.40 0.00	42.00 -0.47 0.00	38.37 -0.39 0.00	39.19 -0.32 0.00	39.60 -0.12 0.00	40.51 -0.24 0.00	42.66 -0.17 0.00	46.47 0.14 0.00	48.84 -0.39 0.00	49.11 -0.70 0.00	50.74 -0.51 0.00	53.99 -1.05 0.00	58.69 -1.01 0.00	64.75 -1.19 0.00	66.20 -1.91 0.00	74.95 -1.92 0.00	78.85 -2.35 0.00	84.69 -3.71 0.00	80.64 -3.01 0.00	79.59 -1.79 0.00	70.75 -1.52 0.00	64.89 -1.19 0.00	58.98 -0.60 0.00	52.70 -0.59 0.00
NEG NORTH___LWR_SARANAC 23913	44.39 -0.40 0.00	42.00 -0.47 0.00	38.37 -0.39 0.00	39.19 -0.32 0.00	39.60 -0.12 0.00	40.51 -0.24 0.00	42.66 -0.17 0.00	46.47 0.14 0.00	48.84 -0.39 0.00	49.11 -0.70 0.00	50.74 -0.51 0.00	53.99 -1.05 0.00	58.69 -1.01 0.00	64.75 -1.19 0.00	66.20 -1.91 0.00	74.95 -1.92 0.00	78.85 -2.35 0.00	84.69 -3.71 0.00	80.64 -3.01 0.00	79.59 -1.79 0.00	70.75 -1.52 0.00	64.89 -1.19 0.00	58.98 -0.60 0.00	52.70 -0.59 0.00
NEG NORTH___PLATTSBURG 23628	44.39 -0.40 0.00	42.00 -0.47 0.00	38.37 -0.39 0.00	39.19 -0.32 0.00	39.56 -0.16 0.00	40.51 -0.24 0.00	42.66 -0.17 0.00	46.47 0.14 0.00	49.28 0.05 0.00	49.81 0.00 0.00	50.74 -0.51 0.00	54.05 -0.99 0.00	58.63 -1.07 0.00	64.82 -1.12 0.00	66.13 -1.98 0.00	74.87 -2.00 0.00	78.77 -2.43 0.00	84.60 -3.80 0.00	80.81 -2.84 0.00	79.59 -1.79 0.00	70.68 -1.59 0.00	65.22 -0.86 0.00	58.92 -0.65 0.00	52.70 -0.58 0.00
NEG WEST_LEA_LOCKPORT 23791	45.60 0.81 0.00	44.21 1.74 0.00	39.34 0.58 0.00	39.47 -0.04 0.00	39.72 0.00 0.00	40.51 -0.24 0.00	42.74 -0.09 0.00	44.34 -1.99 0.00	48.00 -1.23 0.00	49.41 -0.40 0.00	51.66 0.41 0.00	55.97 0.94 0.00	60.12 0.42 0.00	65.15 -0.79 0.00	67.43 -0.68 0.00	74.87 -2.00 0.00	80.31 -0.89 0.00	88.05 -0.35 0.00	83.82 0.17 0.00	79.67 -1.71 0.00	70.17 -2.10 0.00	65.02 -1.06 0.00	59.28 -0.30 0.00	54.09 0.80 0.00
NEG WEST___LANCASTR 23811	45.42 0.63 0.00	43.87 1.40 0.00	39.15 0.39 0.00	39.31 -0.20 0.00	39.56 -0.16 0.00	40.39 -0.37 0.00	42.74 -0.09 0.00	44.90 -1.44 0.00	48.59 -0.64 0.00	49.91 0.10 0.00	52.12 0.87 0.00	56.52 1.49 0.00	60.83 1.13 0.00	66.07 0.13 0.00	68.38 0.27 0.00	76.10 -0.77 0.00	81.61 0.41 0.00	89.55 1.15 0.00	84.82 1.17 0.00	80.73 -0.65 0.00	71.19 -1.08 0.00	65.68 -0.40 0.00	59.76 0.18 0.00	54.41 1.12 0.00
NEG_PENN_ALLEGHNY 23528	46.05 1.25 0.00	43.70 1.23 0.00	39.77 1.01 0.00	40.42 0.91 0.00	40.59 0.87 0.00	41.61 0.86 0.00	43.73 0.90 0.00	46.89 0.56 0.00	50.01 0.79 0.00	50.80 1.00 0.00	52.43 1.18 0.00	56.47 1.43 0.00	61.31 1.61 0.00	67.45 1.52 0.00	70.15 2.04 0.00	78.71 1.84 0.00	83.64 2.43 0.00	91.76 3.36 0.00	86.66 3.01 0.00	83.58 2.20 0.00	74.22 1.95 0.00	67.53 1.45 0.00	61.07 1.49 0.00	54.78 1.49 0.00
NEG___GEN_MONROE 24207	46.27 1.48 0.00	44.47 2.00 0.00	39.77 1.01 0.00	40.06 0.55 0.00	40.31 0.60 0.00	41.25 0.49 0.00	43.43 0.60 0.00	45.96 -0.37 0.00	49.28 0.05 0.00	50.41 0.60 0.00	52.53 1.28 0.00	56.58 1.54 0.00	61.01 1.31 0.00	66.73 0.79 0.00	69.33 1.23 0.00	77.40 0.54 0.00	82.50 1.30 0.00	90.87 2.48 0.00	86.33 2.68 0.00	82.77 1.38 0.00	72.92 0.65 0.00	67.27 1.19 0.00	60.83 1.25 0.00	54.94 1.65 0.00
NEPA___ENERGY 23901	46.41 1.61 0.00	44.85 2.38 0.00	40.00 1.24 0.00	40.18 0.67 0.00	40.47 0.75 0.00	41.33 0.57 0.00	43.69 0.86 0.00	44.99 -1.34 0.00	48.54 -0.69 0.00	49.71 -0.10 0.00	51.76 0.51 0.00	56.03 0.99 0.00	60.36 0.66 0.00	65.54 -0.40 0.00	67.97 -0.14 0.00	75.64 -1.23 0.00	80.96 -0.24 0.00	88.93 0.53 0.00	84.32 0.67 0.00	80.49 -0.90 0.00	71.19 -1.08 0.00	65.62 -0.46 0.00	59.46 -0.12 0.00	54.14 0.85 0.00

NEVERSINK___HYD 23608	46.99 2.19 0.00	44.59 2.12 0.00	40.66 1.90 0.00	41.33 1.82 0.00	41.42 1.71 0.00	42.55 1.79 0.00	44.68 2.06 0.21	47.80 1.76 0.30	50.73 1.87 0.37	51.27 1.84 0.38	52.93 1.95 0.27	57.14 2.20 0.11	62.23 2.51 -0.02	68.63 2.90 0.21	71.70 3.74 0.15	80.95 4.61 0.53	85.01 5.04 1.23	95.12 6.98 0.26	89.63 6.10 0.12	86.30 4.97 0.05	76.53 4.26 0.00	69.05 2.98 0.00	61.90 2.32 0.00	55.31 2.02 0.00
NEWKRMKL_115KV_TB1 55635	45.24 0.45 0.00	42.81 0.34 0.00	39.19 0.43 0.00	39.94 0.43 0.00	40.11 0.40 0.00	41.25 0.49 0.00	43.21 0.39 0.00	46.52 0.19 0.00	49.48 0.25 0.00	49.96 0.15 0.00	51.03 -0.05 0.18	54.43 -0.11 0.50	58.84 -0.06 0.80	65.34 0.13 0.73	67.71 0.48 0.88	76.93 0.77 0.71	82.18 0.97 0.00	90.34 1.94 0.00	85.24 1.59 0.00	82.44 1.06 0.00	73.21 0.94 0.00	66.87 0.79 0.00	59.82 0.24 0.00	53.34 0.05 0.00
NEWTON___FALLS_HYD 23847	45.64 0.85 0.00	42.94 0.47 0.00	39.11 0.35 0.00	39.83 0.32 0.00	40.23 0.52 0.00	41.49 0.73 0.00	43.73 0.90 0.00	47.49 1.16 0.00	50.40 1.08 -0.09	51.09 1.00 -0.28	52.37 0.97 -0.14	56.28 0.94 -0.30	61.16 0.96 -0.50	67.42 0.73 -0.75	68.18 0.07 0.00	76.56 -0.31 0.00	80.88 -0.32 0.00	87.52 -0.88 0.00	83.49 -0.17 0.00	83.06 1.14 -0.54	73.35 1.08 0.00	67.60 1.26 -0.26	61.13 1.49 -0.06	54.57 1.28 0.00
NGRID_A1_DSASP 323792	44.66 -0.13 0.00	42.89 0.42 0.00	38.61 -0.15 0.00	38.72 -0.79 0.00	38.96 -0.76 0.00	39.78 -0.98 0.00	41.97 -0.86 0.00	43.74 -2.59 0.00	47.26 -1.97 0.00	48.76 -1.05 0.00	50.79 -0.46 0.00	54.71 -0.33 0.00	59.46 -0.24 0.00	64.42 -1.51 0.00	66.95 -1.16 0.00	73.56 -3.30 0.00	79.74 -1.46 0.00	87.25 -1.15 0.00	82.73 -0.92 0.00	78.62 -2.77 0.00	69.45 -2.82 0.00	63.37 -2.71 0.00	58.68 -0.89 0.00	53.34 0.05 0.00
NGRID_A2_DSASP 323793	44.66 -0.13 0.00	42.89 0.42 0.00	38.61 -0.15 0.00	38.72 -0.79 0.00	38.96 -0.76 0.00	39.78 -0.98 0.00	41.97 -0.86 0.00	43.74 -2.59 0.00	47.26 -1.97 0.00	48.76 -1.05 0.00	50.79 -0.46 0.00	54.71 -0.33 0.00	59.46 -0.24 0.00	64.42 -1.51 0.00	66.95 -1.16 0.00	73.56 -3.30 0.00	79.74 -1.46 0.00	87.25 -1.15 0.00	82.73 -0.92 0.00	78.62 -2.77 0.00	69.45 -2.82 0.00	63.37 -2.71 0.00	58.68 -0.89 0.00	53.34 0.05 0.00
NGRID_A4_DSASP 323807	44.66 -0.13 0.00	42.89 0.42 0.00	38.61 -0.15 0.00	38.72 -0.79 0.00	38.96 -0.76 0.00	39.78 -0.98 0.00	41.97 -0.86 0.00	43.74 -2.59 0.00	47.26 -1.97 0.00	48.76 -1.05 0.00	50.79 -0.46 0.00	54.71 -0.33 0.00	59.46 -0.24 0.00	64.42 -1.51 0.00	66.95 -1.16 0.00	73.56 -3.30 0.00	79.74 -1.46 0.00	87.25 -1.15 0.00	82.73 -0.92 0.00	78.62 -2.77 0.00	69.45 -2.82 0.00	63.37 -2.71 0.00	58.68 -0.89 0.00	53.34 0.05 0.00
NIAGARA_115E_LBMP 323715	45.33 0.54 0.00	43.62 1.15 0.00	39.26 0.50 0.00	39.35 -0.16 0.00	39.64 -0.08 0.00	40.43 -0.33 0.00	42.57 -0.26 0.00	43.83 -2.50 0.00	47.31 -1.92 0.00	48.81 -1.00 0.00	50.90 -0.36 0.00	54.76 -0.27 0.00	59.52 -0.18 0.00	64.55 -1.39 0.00	67.09 -1.02 0.00	73.79 -3.08 0.00	79.99 -1.22 0.00	87.52 -0.88 0.00	82.98 -0.67 0.00	78.86 -2.52 0.00	69.67 -2.60 0.00	63.50 -2.58 0.00	58.74 -0.83 0.00	53.76 0.48 0.00
NIAGARA_115W_LBMP 323714	44.53 -0.27 0.00	42.77 0.30 0.00	38.49 -0.27 0.00	38.64 -0.87 0.00	38.88 -0.84 0.00	39.66 -1.10 0.00	41.85 -0.98 0.00	43.64 -2.69 0.00	47.11 -2.12 0.00	48.61 -1.20 0.00	50.64 -0.61 0.00	54.54 -0.50 0.00	59.29 -0.41 0.00	64.22 -1.71 0.00	66.75 -1.36 0.00	73.33 -3.53 0.00	79.49 -1.71 0.00	86.98 -1.42 0.00	82.48 -1.17 0.00	78.37 -3.01 0.00	69.24 -3.03 0.00	63.17 -2.91 0.00	58.51 -1.07 0.00	53.18 -0.11 0.00
NIAGARA_230_LBMP 323716	45.11 0.32 0.00	43.32 0.85 0.00	39.03 0.27 0.00	39.15 -0.36 0.00	39.40 -0.32 0.00	40.23 -0.53 0.00	42.44 -0.39 0.00	44.25 -2.08 0.00	47.75 -1.48 0.00	49.26 -0.55 0.00	51.30 0.05 0.00	55.20 0.17 0.00	60.00 0.30 0.00	65.01 -0.92 0.00	67.63 -0.47 0.00	74.40 -2.46 0.00	80.64 -0.56 0.00	88.22 -0.18 0.00	83.65 0.00 0.00	79.59 -1.79 0.00	70.32 -1.95 0.00	64.16 -1.92 0.00	59.22 -0.36 0.00	53.87 0.59 0.00
NIAGARA___115KV_198_GIBSON 55903	44.52 -0.27 0.00	43.23 0.76 0.00	38.49 -0.27 0.00	38.64 -0.87 0.00	38.88 -0.83 0.00	39.62 -1.14 0.00	41.84 -0.99 0.00	43.64 -2.69 0.00	47.26 -1.97 0.00	48.61 -1.20 0.00	50.84 -0.41 0.00	55.09 0.06 0.00	59.28 -0.42 0.00	64.22 -1.71 0.00	66.40 -1.70 0.00	73.72 -3.15 0.00	79.09 -2.11 0.00	86.72 -1.68 0.00	82.48 -1.17 0.00	78.37 -3.01 0.00	69.09 -3.18 0.00	64.03 -2.05 0.00	58.44 -1.13 0.00	53.18 -0.11 0.00
NIAGARA____ 23760	45.11 0.32 0.00	43.32 0.85 0.00	39.03 0.27 0.00	39.15 -0.36 0.00	39.40 -0.32 0.00	40.23 -0.53 0.00	42.44 -0.39 0.00	44.25 -2.08 0.00	47.75 -1.48 0.00	49.26 -0.55 0.00	51.30 0.05 0.00	55.20 0.17 0.00	60.00 0.30 0.00	65.01 -0.92 0.00	67.63 -0.47 0.00	74.40 -2.46 0.00	80.64 -0.56 0.00	88.22 -0.18 0.00	83.65 0.00 0.00	79.59 -1.79 0.00	70.32 -1.95 0.00	64.16 -1.92 0.00	59.22 -0.36 0.00	53.87 0.59 0.00
NINE_MILE_1 23575	43.85 -0.94 0.00	41.62 -0.85 0.00	37.91 -0.85 0.00	38.56 -0.95 0.00	38.76 -0.95 0.00	39.78 -0.98 0.00	41.80 -1.03 0.00	45.03 -1.30 0.00	45.57 -1.38 2.28	41.47 -1.30 7.04	46.41 -1.23 3.61	46.05 -1.37 7.61	45.58 -1.43 12.69	45.33 -1.65 18.96	66.61 -1.50 0.00	74.95 -1.92 0.00	79.42 -1.79 0.00	86.81 -1.59 0.00	82.15 -1.50 0.00	65.96 -1.87 13.56	70.61 -1.66 0.00	57.78 -1.65 6.65	56.60 -1.43 1.55	52.01 -1.28 0.00
NINE_MILE_2 23744	43.90 -0.90 0.00	41.62 -0.85 0.00	37.91 -0.85 0.00	38.56 -0.95 0.00	38.76 -0.95 0.00	39.78 -0.98 0.00	41.80 -1.03 0.00	45.03 -1.30 0.00	45.55 -1.38 2.30	41.41 -1.30 7.10	46.38 -1.23 3.64	45.98 -1.37 7.68	45.46 -1.43 12.80	45.16 -1.65 19.13	66.61 -1.50 0.00	74.95 -1.92 0.00	79.42 -1.79 0.00	86.81 -1.59 0.00	82.15 -1.50 0.00	65.83 -1.87 13.68	70.61 -1.66 0.00	57.72 -1.65 6.71	56.58 -1.43 1.56	52.01 -1.28 0.00
NM_CAPITAL___DRP 24208	45.33 0.54 0.00	42.89 0.42 0.00	39.30 0.54 0.00	40.06 0.55 0.00	40.23 0.52 0.00	41.37 0.61 0.00	43.39 0.56 0.00	46.66 0.32 0.00	49.62 0.39 0.00	50.06 0.25 0.00	51.11 0.05 0.20	54.49 0.00 0.55	58.87 0.06 0.89	65.39 0.26 0.81	67.74 0.61 0.98	77.00 0.92 0.79	82.34 1.14 0.00	90.61 2.21 0.00	85.49 1.84 0.00	82.60 1.22 0.00	73.35 1.08 0.00	66.94 0.86 0.00	59.87 0.30 0.00	53.45 0.16 0.00
NM_CENTRAL___DRP 24181	44.79 0.00 0.00	42.51 0.04 0.00	38.64 -0.12 0.00	39.27 -0.24 0.00	39.44 -0.28 0.00	40.51 -0.24 0.00	42.57 -0.26 0.00	45.82 -0.51 0.00	48.91 -0.39 -0.07	49.78 -0.25 -0.22	51.21 -0.15 -0.11	55.28 0.00 -0.24	60.04 -0.06 -0.40	66.40 -0.13 -0.60	68.31 0.20 0.00	76.87 0.00 0.00	81.29 0.08 0.00	89.11 0.71 0.00	84.32 0.67 0.00	81.89 0.08 -0.43	72.27 0.00 0.00	66.35 0.07 -0.21	59.45 -0.18 -0.05	53.13 -0.16 0.00

NM_FRONTIER___DRP 24179	44.52 -0.27 0.00	43.23 0.76 0.00	38.49 -0.27 0.00	38.64 -0.87 0.00	38.88 -0.83 0.00	39.62 -1.14 0.00	41.84 -0.99 0.00	43.64 -2.69 0.00	47.26 -1.97 0.00	48.61 -1.20 0.00	50.84 -0.41 0.00	55.09 0.06 0.00	59.28 -0.42 0.00	64.22 -1.71 0.00	66.40 -1.70 0.00	73.72 -3.15 0.00	79.09 -2.11 0.00	86.72 -1.68 0.00	82.48 -1.17 0.00	78.37 -3.01 0.00	69.09 -3.18 0.00	64.03 -2.05 0.00	58.44 -1.13 0.00	53.18 -0.11 0.00
NM_ST_REGIS___HYD 24053	44.84 0.04 0.00	42.34 -0.13 0.00	38.68 -0.08 0.00	39.47 -0.04 0.00	39.91 0.20 0.00	40.92 0.16 0.00	43.09 0.26 0.00	47.17 0.83 0.00	49.92 0.69 0.00	50.36 0.55 0.00	51.87 0.62 0.00	55.48 0.44 0.00	60.18 0.48 0.00	66.07 0.13 0.00	66.95 -1.16 0.00	75.48 -1.38 0.00	79.42 -1.79 0.00	84.51 -3.89 0.00	80.98 -2.68 0.00	80.41 -0.98 0.00	71.55 -0.72 0.00	65.81 -0.26 0.00	60.05 0.48 0.00	53.87 0.59 0.00
NORTHPORT___1 23551	46.63 1.84 0.00	45.19 2.72 0.00	41.86 3.10 0.00	42.36 2.85 0.00	42.42 2.70 0.00	43.24 2.49 0.00	44.97 2.14 0.00	46.43 0.74 0.64	46.87 0.64 3.00	47.81 0.50 2.50	47.29 0.66 4.63	51.79 1.27 4.52	54.06 1.91 7.55	53.76 2.70 14.88	56.14 4.09 16.06	59.36 5.15 22.66	71.86 5.36 14.71	73.20 7.43 22.62	73.53 6.35 16.48	74.99 4.15 10.54	72.87 2.96 2.36	66.87 0.80 0.00	50.18 -0.18 9.22	46.52 -0.11 6.66
NORTHPORT___2 23552	46.63 1.84 0.00	45.19 2.72 0.00	41.86 3.10 0.00	42.36 2.85 0.00	42.42 2.70 0.00	43.24 2.49 0.00	44.97 2.14 0.00	46.43 0.74 0.64	46.87 0.64 3.00	47.81 0.50 2.50	47.29 0.66 4.63	51.79 1.27 4.52	54.06 1.91 7.55	53.76 2.70 14.88	56.14 4.09 16.06	59.36 5.15 22.66	71.86 5.36 14.71	73.20 7.43 22.62	73.53 6.35 16.48	74.99 4.15 10.54	72.87 2.96 2.36	66.87 0.80 0.00	50.18 -0.18 9.22	46.52 -0.11 6.66
NORTHPORT___3 23553	45.99 1.21 0.01	44.59 2.12 0.00	41.36 2.60 0.00	41.88 2.37 0.00	41.94 2.22 0.00	42.71 1.96 0.00	44.29 1.46 0.00	46.10 0.42 0.64	46.63 0.39 2.99	47.67 0.35 2.49	47.19 0.56 4.63	51.56 1.04 4.52	53.75 1.61 7.56	53.34 2.37 14.96	55.59 3.68 16.19	58.72 4.69 22.84	71.35 4.87 14.73	72.75 6.98 22.63	73.00 5.85 16.51	74.45 3.67 10.60	72.43 2.53 2.37	66.66 0.59 0.01	49.99 -0.41 9.17	46.39 -0.27 6.63
NORTHPORT___4 23650	45.99 1.21 0.01	44.59 2.12 0.00	41.36 2.60 0.00	41.88 2.37 0.00	41.94 2.22 0.00	42.71 1.96 0.00	44.29 1.46 0.00	46.10 0.42 0.64	46.63 0.39 2.99	47.67 0.35 2.49	47.19 0.56 4.63	51.56 1.04 4.52	53.75 1.61 7.56	53.34 2.37 14.96	55.59 3.68 16.19	58.72 4.69 22.84	71.35 4.87 14.73	72.75 6.98 22.63	73.00 5.85 16.51	74.45 3.67 10.60	72.43 2.53 2.37	66.66 0.59 0.01	49.99 -0.41 9.17	46.39 -0.27 6.63
NORTHPORT___IC 23718	46.05 1.25 0.00	44.51 2.04 0.00	41.86 3.10 0.00	42.35 2.84 0.00	42.38 2.66 0.00	43.81 3.06 0.00	44.93 2.10 0.00	46.43 0.74 0.64	46.92 0.69 3.00	47.91 0.60 2.50	47.24 0.62 4.63	51.62 1.10 4.52	53.70 1.55 7.55	53.76 2.70 14.88	56.14 4.09 16.06	59.13 4.92 22.66	72.02 5.52 14.71	73.11 7.34 22.63	73.53 6.36 16.48	74.99 4.15 10.54	72.80 2.89 2.36	67.33 1.26 0.00	50.12 -0.24 9.22	46.52 -0.11 6.66
NORTH___COUNTRY_ESR 323785	44.03 -0.76 0.00	41.71 -0.76 0.00	38.06 -0.70 0.00	38.88 -0.63 0.00	39.28 -0.44 0.00	40.23 -0.53 0.00	42.36 -0.47 0.00	46.29 -0.05 0.00	49.18 -0.05 0.00	49.66 -0.15 0.00	50.84 -0.41 0.00	54.32 -0.72 0.00	58.92 -0.78 0.00	65.08 -0.86 0.00	66.41 -1.70 0.00	75.10 -1.76 0.00	79.02 -2.19 0.00	84.69 -3.71 0.00	80.81 -2.84 0.00	79.67 -1.71 0.00	70.75 -1.52 0.00	65.29 -0.79 0.00	59.04 -0.54 0.00	52.75 -0.53 0.00
NPX_GEN_1385_PROXY 323591	46.63 1.84 0.00	45.06 2.59 0.00	41.47 2.71 0.00	41.92 2.41 0.00	41.94 2.22 0.00	43.24 2.49 0.00	44.97 2.14 0.00	46.48 0.79 0.64	47.36 1.13 3.00	48.25 0.94 2.50	47.44 0.82 4.63	51.84 1.32 4.52	54.00 1.85 7.55	53.70 2.64 14.88	56.00 3.95 16.06	59.20 4.99 22.66	71.70 5.20 14.71	73.38 7.60 22.62	73.70 6.53 16.48	74.83 3.99 10.54	72.80 2.89 2.36	66.94 0.86 0.00	51.50 0.36 8.44	45.95 0.11 7.44
NPX_GEN_CSC 323557	46.94 2.15 0.00	45.27 2.80 0.00	41.74 2.98 0.00	42.23 2.72 0.00	42.26 2.54 0.00	43.12 2.36 0.00	44.84 2.01 0.00	46.58 0.88 0.63	47.31 1.04 2.95	48.34 1.00 2.46	50.46 1.23 2.02	57.45 2.14 -0.27	63.09 2.98 -0.41	70.97 4.09 -0.94	76.13 5.65 -2.37	86.48 6.99 -2.62	91.44 7.39 -2.85	140.63 9.81 -42.42	124.56 8.54 -32.38	87.57 6.18 0.00	76.65 4.56 0.17	68.06 1.98 0.00	51.81 0.53 8.30	47.03 0.59 6.84
NSINS_S_GLNS_FALLS 23858	46.90 2.11 0.00	44.25 1.78 0.00	40.39 1.63 0.00	41.05 1.54 0.00	41.30 1.59 0.00	42.47 1.71 0.00	44.46 1.63 0.00	47.91 1.58 0.00	51.00 1.77 0.00	51.40 1.59 0.20	51.98 0.92 0.56	55.41 0.94 0.91	59.69 0.90 0.82	66.23 1.12 0.82	68.48 1.36 0.99	78.06 2.00 0.80	83.56 2.35 0.00	92.47 4.07 0.00	88.17 4.52 0.00	85.61 4.23 0.00	76.39 4.12 0.00	70.04 3.96 0.00	62.62 3.04 0.00	55.63 2.34 0.00
NUCOR_STEEL___DRP 24197	45.60 0.81 0.00	43.36 0.89 0.00	39.30 0.54 0.00	39.94 0.43 0.00	40.11 0.40 0.00	41.21 0.45 0.00	43.26 0.43 0.00	46.56 0.23 0.00	49.82 0.39 -0.20	50.93 0.50 -0.62	52.24 0.67 -0.32	56.59 0.88 -0.67	61.66 0.84 -1.12	68.47 0.86 -1.67	69.33 1.23 0.00	77.94 1.08 0.00	82.58 1.38 0.00	90.70 2.30 0.00	85.91 2.26 0.00	84.21 1.63 -1.20	73.64 1.37 0.00	67.99 1.32 -0.59	60.73 1.01 -0.14	54.19 0.91 0.00
NUMBER_THREE_WT_PWR 323818	46.67 1.88 0.00	43.62 1.15 0.00	39.73 0.97 0.00	40.42 0.91 0.00	40.75 1.03 0.00	42.31 1.55 0.00	44.59 1.76 0.00	48.09 1.76 0.00	51.10 1.77 -0.10	51.87 1.74 -0.32	53.05 1.64 -0.16	57.09 1.71 -0.34	62.06 1.79 -0.57	68.64 1.84 -0.86	69.95 1.84 0.00	78.48 1.62 0.00	83.07 1.87 0.00	91.14 2.74 0.00	86.58 2.93 0.00	85.57 3.58 -0.61	75.60 3.33 0.00	69.42 3.04 -0.30	62.39 2.74 -0.07	55.52 2.24 0.00
NYISO_LBMP_REFERENCE 24008	44.79 0.00 0.00	42.47 0.00 0.00	38.76 0.00 0.00	39.51 0.00 0.00	39.72 0.00 0.00	40.76 0.00 0.00	42.83 0.00 0.00	46.33 0.00 0.00	49.23 0.00 0.00	49.81 0.00 0.00	51.25 0.00 0.00	55.04 0.00 0.00	59.70 0.00 0.00	65.94 0.00 0.00	68.11 0.00 0.00	76.87 0.00 0.00	81.20 0.00 0.00	88.40 0.00 0.00	83.65 0.00 0.00	81.38 0.00 0.00	72.27 0.00 0.00	66.08 0.00 0.00	59.58 0.00 0.00	53.29 0.00 0.00
NYPA_BRENTWD____GT 24164	47.52 2.73 0.00	45.91 3.44 0.00	42.37 3.61 0.00	42.87 3.36 0.00	42.93 3.22 0.00	43.77 3.02 0.00	45.57 2.74 0.00	47.29 1.58 0.62	48.01 1.67 2.90	48.99 1.59 2.42	51.06 1.84 2.04	57.90 2.70 -0.16	63.40 3.46 -0.24	71.16 4.28 -0.94	76.50 5.79 -2.60	86.32 6.53 -2.93	88.10 6.90 0.00	104.90 9.19 -7.31	97.75 7.95 -6.15	87.08 5.69 0.00	76.82 4.77 0.22	68.39 2.31 0.00	51.92 1.25 8.91	48.50 1.17 5.96

NYPA_GOWANUS____GT5 24156	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.77 3.04 -1.03	70.49 3.62 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.26 7.86 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.85 2.77 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NYPA_GOWANUS____GT6 24157	48.02 3.23 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.30 2.58 0.00	43.20 2.45 0.00	45.78 2.95 0.00	48.88 2.55 0.00	51.78 2.56 0.01	52.34 2.54 0.01	54.24 2.77 -0.22	58.65 2.97 -0.64	63.77 3.04 -1.03	70.49 3.62 -0.93	73.80 4.56 -1.13	83.54 5.77 -0.91	87.36 6.17 0.01	96.26 7.86 0.01	90.42 6.77 0.01	86.59 5.21 0.01	76.60 4.34 0.01	68.85 2.77 0.01	61.47 1.91 0.01	55.47 2.19 0.00
NYPA_HARLEM__RVR__GT1 24160	47.98 3.18 -0.01	45.62 3.14 -0.01	41.60 2.83 -0.01	42.24 2.72 -0.01	42.30 2.58 0.00	43.08 2.32 0.00	45.61 2.78 0.00	48.74 2.41 0.00	51.54 2.31 0.01	52.09 2.29 0.01	53.99 2.51 -0.23	58.20 2.53 -0.63	63.23 2.51 -1.03	69.97 3.10 -0.93	73.25 4.02 -1.13	82.92 5.15 -0.91	86.72 5.52 0.01	95.64 7.25 0.01	89.92 6.28 0.01	86.18 4.80 0.01	76.31 4.04 0.01	68.65 2.57 0.01	61.30 1.73 0.01	55.58 2.29 0.00
NYPA_HARLEM__RVR__GT2 24161	47.98 3.18 -0.01	45.62 3.14 -0.01	41.60 2.83 -0.01	42.24 2.72 -0.01	42.30 2.58 0.00	43.08 2.32 0.00	45.61 2.78 0.00	48.74 2.41 0.00	51.54 2.31 0.01	52.09 2.29 0.01	53.99 2.51 -0.23	58.20 2.53 -0.63	63.23 2.51 -1.03	69.97 3.10 -0.93	73.25 4.02 -1.13	82.92 5.15 -0.91	86.72 5.52 0.01	95.64 7.25 0.01	89.92 6.28 0.01	86.18 4.80 0.01	76.31 4.04 0.01	68.65 2.57 0.01	61.30 1.73 0.01	55.58 2.29 0.00
NYPA_KENT____GT 24152	47.93 3.13 0.00	45.61 3.14 0.00	41.55 2.79 0.00	42.20 2.69 0.00	42.26 2.54 0.00	43.20 2.45 0.00	45.74 2.91 0.00	48.97 2.64 0.00	51.89 2.66 0.00	52.45 2.64 0.00	54.30 2.82 -0.23	58.70 3.03 -0.64	63.77 3.04 -1.03	70.43 3.56 -0.93	73.73 4.49 -1.13	83.46 5.69 -0.91	87.29 6.09 0.01	96.17 7.78 0.01	90.34 6.69 0.01	86.51 5.13 0.01	76.45 4.19 0.01	68.78 2.71 0.01	61.48 1.91 0.01	55.47 2.19 0.00
NYPA_POUCH1____GT 24155	47.97 3.18 0.00	45.70 3.23 0.00	41.63 2.87 0.00	42.23 2.72 0.00	42.26 2.54 0.00	43.16 2.40 0.00	45.70 2.87 0.00	48.69 2.36 0.00	50.37 2.27 1.13	50.42 2.29 1.68	50.73 2.51 3.03	52.41 2.70 5.32	54.75 2.75 7.69	60.74 3.30 8.49	65.24 4.22 7.09	78.51 5.38 3.74	82.47 5.68 4.41	91.25 7.43 4.58	84.35 6.35 5.66	74.04 4.80 12.14	65.32 3.97 10.92	58.79 2.45 9.74	53.02 1.61 8.17	51.43 1.86 3.72
NYPA_VERNON____GT2 24162	47.84 3.05 0.00	45.49 3.02 0.00	41.47 2.71 0.00	42.16 2.65 0.00	42.22 2.50 0.00	43.16 2.40 0.00	45.74 2.91 0.00	49.02 2.69 0.00	51.94 2.71 0.00	52.50 2.69 0.00	54.35 2.87 -0.23	58.70 3.03 -0.64	63.83 3.10 -1.03	70.43 3.56 -0.93	73.66 4.42 -1.13	83.46 5.69 -0.91	87.29 6.09 0.01	96.17 7.78 0.01	90.25 6.61 0.01	86.42 5.05 0.01	76.45 4.19 0.01	68.72 2.65 0.01	61.53 1.96 0.01	55.52 2.24 0.00
NYPA_VERNON____GT3 24163	47.84 3.05 0.00	45.49 3.02 0.00	41.47 2.71 0.00	42.16 2.65 0.00	42.22 2.50 0.00	43.16 2.40 0.00	45.74 2.91 0.00	49.02 2.69 0.00	51.94 2.71 0.00	52.50 2.69 0.00	54.35 2.87 -0.23	58.70 3.03 -0.64	63.83 3.10 -1.03	70.43 3.56 -0.93	73.66 4.42 -1.13	83.46 5.69 -0.91	87.29 6.09 0.01	96.17 7.78 0.01	90.25 6.61 0.01	86.42 5.05 0.01	76.45 4.19 0.01	68.72 2.65 0.01	61.53 1.96 0.01	55.52 2.24 0.00
NYPA__ASTORIA_CC1 323568	47.79 3.00 0.00	45.44 2.97 0.00	41.47 2.71 0.00	42.12 2.61 0.00	42.18 2.46 0.00	43.12 2.36 0.00	45.70 2.87 0.00	48.92 2.59 0.00	51.84 2.61 0.00	52.40 2.59 0.00	54.24 2.77 -0.23	58.59 2.92 -0.64	63.71 2.98 -1.03	70.30 3.43 -0.93	73.53 4.29 -1.13	83.31 5.54 -0.91	87.12 5.92 0.01	96.00 7.60 0.01	90.09 6.44 0.01	86.26 4.88 0.01	76.31 4.04 0.01	68.58 2.51 0.01	61.42 1.85 0.01	55.42 2.13 0.00
NYPA__ASTORIA_CC2 323569	47.79 3.00 0.00	45.44 2.97 0.00	41.47 2.71 0.00	42.12 2.61 0.00	42.18 2.46 0.00	43.12 2.36 0.00	45.70 2.87 0.00	48.92 2.59 0.00	51.84 2.61 0.00	52.40 2.59 0.00	54.24 2.77 -0.23	58.59 2.92 -0.64	63.71 2.98 -1.03	70.30 3.43 -0.93	73.53 4.29 -1.13	83.31 5.54 -0.91	87.12 5.92 0.01	96.00 7.60 0.01	90.09 6.44 0.01	86.26 4.88 0.01	76.31 4.04 0.01	68.58 2.51 0.01	61.42 1.85 0.01	55.42 2.13 0.00
NYPA__HOLTSVILL 23794	47.03 2.24 0.00	45.40 2.93 0.00	41.94 3.18 0.00	42.43 2.92 0.00	42.45 2.74 0.00	43.33 2.57 0.00	45.06 2.23 0.00	46.81 1.11 0.63	47.45 1.18 2.96	48.44 1.09 2.47	50.53 1.28 2.01	57.42 2.09 -0.29	62.95 2.81 -0.45	70.63 3.76 -0.94	75.71 5.24 -2.36	85.93 6.46 -2.60	111.14 6.74 -23.20	175.19 9.11 -77.68	150.32 7.86 -58.81	86.93 5.54 -0.01	76.30 4.19 0.16	67.86 1.78 0.00	51.02 0.53 9.09	47.86 0.64 6.07
NYPA____HELLGATE_GT1 24158	47.98 3.18 -0.01	45.62 3.14 -0.01	41.60 2.83 -0.01	42.24 2.72 -0.01	42.30 2.58 0.00	43.08 2.32 0.00	45.61 2.78 0.00	48.74 2.41 0.00	51.54 2.31 0.01	52.09 2.29 0.01	53.99 2.51 -0.23	58.20 2.53 -0.63	63.23 2.51 -1.03	69.97 3.10 -0.93	73.25 4.02 -1.13	82.92 5.15 -0.91	86.72 5.52 0.01	95.64 7.25 0.01	89.92 6.28 0.01	86.18 4.80 0.01	76.31 4.04 0.01	68.65 2.57 0.01	61.30 1.73 0.01	55.58 2.29 0.00
NYPA____HELLGATE_GT2 24159	47.98 3.18 -0.01	45.62 3.14 -0.01	41.60 2.83 -0.01	42.24 2.72 -0.01	42.30 2.58 0.00	43.08 2.32 0.00	45.61 2.78 0.00	48.74 2.41 0.00	51.54 2.31 0.01	52.09 2.29 0.01	53.99 2.51 -0.23	58.20 2.53 -0.63	63.23 2.51 -1.03	69.97 3.10 -0.93	73.25 4.02 -1.13	82.92 5.15 -0.91	86.72 5.52 0.01	95.64 7.25 0.01	89.92 6.28 0.01	86.18 4.80 0.01	76.31 4.04 0.01	68.65 2.57 0.01	61.30 1.73 0.01	55.58 2.29 0.00
NYS_BARGE__HYD 23848	45.74 0.94 0.00	43.91 1.44 0.00	39.49 0.73 0.00	39.63 0.12 0.00	39.88 0.16 0.00	40.68 -0.08 0.00	42.92 0.09 0.00	44.43 -1.90 0.00	47.95 -1.28 0.00	49.51 -0.30 0.00	51.61 0.36 0.00	55.53 0.49 0.00	60.30 0.60 0.00	65.41 -0.53 0.00	67.97 -0.14 0.00	74.79 -2.07 0.00	81.04 -0.16 0.00	88.67 0.27 0.00	84.07 0.42 0.00	80.00 -1.38 0.00	70.61 -1.66 0.00	64.43 -1.65 0.00	59.58 0.00 0.00	54.30 1.01 0.00
OAK ORCHARD__HYD 24046	45.82 1.03 0.00	43.66 1.19 0.00	39.42 0.66 0.00	39.79 0.28 0.00	40.00 0.28 0.00	40.96 0.20 0.00	43.17 0.34 0.00	45.82 -0.51 0.00	49.13 -0.10 0.00	50.41 0.60 0.00	52.38 1.13 0.00	56.30 1.27 0.00	61.13 1.43 0.00	66.93 0.99 0.00	69.67 1.57 0.00	77.41 0.54 0.00	82.91 1.71 0.00	91.05 2.65 0.00	86.25 2.60 0.00	82.61 1.22 0.00	72.99 0.72 0.00	66.67 0.59 0.00	60.77 1.19 0.00	54.73 1.44 0.00

OAKDALE___35_KV_LOAD 356122	45.82 1.03 0.00	43.62 1.15 0.00	39.57 0.81 0.00	40.22 0.71 0.00	40.39 0.68 0.00	41.41 0.65 0.00	43.51 0.69 0.00	46.66 0.32 0.00	49.77 0.54 0.00	50.56 0.75 0.00	52.17 0.92 0.00	56.25 1.21 0.00	60.89 1.19 0.00	66.99 1.05 0.00	69.61 1.50 0.00	78.17 1.31 0.00	82.91 1.71 0.00	90.96 2.56 0.00	86.08 2.43 0.00	83.09 1.71 0.00	73.64 1.37 0.00	67.47 1.39 0.00	60.59 1.01 0.00	54.46 1.17 0.00
OCC_CHEM___DRP 24175	44.66 -0.13 0.00	43.36 0.89 0.00	38.60 -0.16 0.00	38.72 -0.79 0.00	38.96 -0.75 0.00	39.74 -1.02 0.00	41.97 -0.86 0.00	43.74 -2.59 0.00	47.36 -1.87 0.00	48.76 -1.05 0.00	51.00 -0.26 0.00	55.26 0.22 0.00	59.46 -0.24 0.00	64.42 -1.52 0.00	66.61 -1.50 0.00	73.95 -2.92 0.00	79.34 -1.87 0.00	86.99 -1.41 0.00	82.73 -0.92 0.00	78.62 -2.77 0.00	69.31 -2.96 0.00	64.23 -1.85 0.00	58.56 -1.01 0.00	53.34 0.05 0.00
OH_GEN_PROXY 24063	45.11 0.32 0.00	43.27 0.80 0.00	39.03 0.27 0.00	39.15 -0.36 0.00	39.40 -0.32 0.00	40.23 -0.53 0.00	42.44 -0.39 0.00	44.29 -2.04 0.00	47.85 -1.38 0.00	49.31 -0.50 0.00	51.35 0.10 0.00	55.26 0.22 0.00	60.06 0.36 0.00	65.15 -0.79 0.00	67.77 -0.34 0.00	74.56 -2.30 0.00	80.80 -0.40 0.00	88.40 0.00 0.00	83.82 0.17 0.00	79.76 -1.63 0.00	70.47 -1.80 0.00	64.23 -1.85 0.00	60.06 -0.30 -0.78	53.09 0.59 0.78
OLIN_CORP_DRP 24177	45.42 0.63 0.00	44.13 1.66 0.00	39.26 0.50 0.00	39.39 -0.12 0.00	39.64 -0.08 0.00	40.43 -0.33 0.00	42.62 -0.21 0.00	43.92 -2.41 0.00	47.56 -1.67 0.00	48.96 -0.85 0.00	51.20 -0.05 0.00	55.48 0.44 0.00	59.70 0.00 0.00	64.68 -1.25 0.00	66.95 -1.16 0.00	74.33 -2.54 0.00	79.74 -1.46 0.00	87.52 -0.88 0.00	83.23 -0.42 0.00	79.10 -2.28 0.00	69.74 -2.53 0.00	64.56 -1.52 0.00	58.86 -0.71 0.00	53.87 0.59 0.00
OLIN_CORP_DSASP 323712	44.66 -0.13 0.00	42.89 0.42 0.00	38.61 -0.15 0.00	38.72 -0.79 0.00	38.96 -0.76 0.00	39.78 -0.98 0.00	41.97 -0.86 0.00	43.74 -2.59 0.00	47.26 -1.97 0.00	48.76 -1.05 0.00	50.79 -0.46 0.00	54.71 -0.33 0.00	59.46 -0.24 0.00	64.42 -1.51 0.00	66.95 -1.16 0.00	73.56 -3.30 0.00	79.74 -1.46 0.00	87.25 -1.15 0.00	82.73 -0.92 0.00	78.62 -2.77 0.00	69.45 -2.82 0.00	63.37 -2.71 0.00	58.68 -0.89 0.00	53.34 0.05 0.00
ONEIDA_HERK_LFGE 323681	46.45 1.66 0.00	43.74 1.27 0.00	39.84 1.08 0.00	40.53 1.03 0.00	40.83 1.11 0.00	42.14 1.39 0.00	44.37 1.54 0.00	47.81 1.48 0.00	50.80 1.57 0.00	51.40 1.59 0.00	52.79 1.54 0.00	56.75 1.71 0.00	61.49 1.79 0.00	67.91 1.98 0.00	70.29 2.18 0.00	78.94 2.08 0.00	83.56 2.36 0.00	91.76 3.36 0.00	86.75 3.10 0.00	84.64 3.26 0.00	75.23 2.96 0.00	68.65 2.57 0.00	61.84 2.26 0.00	55.15 1.86 0.00
ONEIDA___115KV_TB4 55905	46.54 1.75 0.00	44.00 1.53 0.00	40.08 1.32 0.00	40.73 1.22 0.00	40.95 1.23 0.00	42.14 1.39 0.00	44.33 1.50 0.00	47.72 1.39 0.00	50.80 1.58 0.00	51.45 1.64 0.00	52.89 1.64 0.00	56.91 1.87 0.00	61.73 2.03 0.00	68.11 2.18 0.00	70.70 2.59 0.00	79.40 2.54 0.00	84.05 2.84 0.00	92.47 4.07 0.00	87.33 3.68 0.00	84.96 3.58 0.00	75.45 3.18 0.00	68.92 2.84 0.00	61.90 2.32 0.00	55.20 1.92 0.00
ONONDAGA_REF_OCCRA 23987	45.02 0.22 0.00	42.72 0.25 0.00	38.80 0.04 0.00	39.47 -0.04 0.00	39.64 -0.08 0.00	40.68 -0.08 0.00	42.74 -0.09 0.00	46.05 -0.28 0.00	49.11 -0.20 -0.07	49.99 -0.05 -0.23	51.42 0.05 -0.12	55.45 0.17 -0.25	60.23 0.12 -0.41	66.61 0.07 -0.61	68.52 0.41 0.00	77.10 0.23 0.00	81.61 0.41 0.00	89.46 1.06 0.00	84.66 1.00 0.00	82.31 0.49 -0.44	72.63 0.36 0.00	66.62 0.33 -0.21	59.69 0.06 -0.05	53.34 0.05 0.00
ONONDAGA___COGEN 23986	45.11 0.31 0.00	42.81 0.34 0.00	38.88 0.12 0.00	39.55 0.04 0.00	39.72 0.00 0.00	40.80 0.04 0.00	42.83 0.00 0.00	46.15 -0.19 0.00	49.42 -0.05 -0.24	50.60 0.05 -0.74	51.79 0.15 -0.38	56.17 0.33 -0.80	61.04 0.00 -1.34	67.87 -0.07 -2.00	68.31 0.20 0.00	76.87 0.00 0.00	81.37 0.16 0.00	89.11 0.71 0.00	84.32 0.67 0.00	82.98 0.16 -1.43	72.34 0.07 0.00	66.91 0.13 -0.70	59.68 -0.06 -0.16	53.18 -0.11 0.00
ONTARIO___LFGE 23819	46.40 1.61 0.00	44.08 1.61 0.00	39.88 1.12 0.00	40.38 0.87 0.00	40.59 0.87 0.00	41.70 0.94 0.00	43.86 1.03 0.00	46.89 0.56 0.00	49.96 0.64 -0.09	51.09 1.00 -0.29	52.73 1.33 -0.15	56.89 1.54 -0.31	61.95 1.73 -0.52	68.30 1.58 -0.78	70.35 2.24 0.00	78.56 1.69 0.00	83.88 2.68 0.00	91.84 3.44 0.00	87.33 3.68 0.00	84.71 2.77 -0.56	74.65 2.38 0.00	68.27 1.92 -0.27	61.60 1.96 -0.06	55.26 1.97 0.00
ORANGEVILLE_WT_PWR 323706	46.14 1.34 0.00	44.12 1.65 0.00	39.81 1.05 0.00	40.02 0.51 0.00	40.27 0.56 0.00	41.21 0.45 0.00	43.43 0.60 0.00	45.45 -0.88 0.00	48.79 -0.44 0.00	50.06 0.25 0.00	52.12 0.87 0.00	56.25 1.21 0.00	61.01 1.31 0.00	66.46 0.53 0.00	69.13 1.02 0.00	76.33 -0.53 0.00	82.42 1.22 0.00	90.34 1.94 0.00	85.58 1.93 0.00	81.87 0.49 0.00	72.56 0.29 0.00	66.08 0.00 0.00	60.77 1.19 0.00	55.15 1.86 0.00
ORANGEVILLE___ESR 323794	46.14 1.34 0.00	44.12 1.65 0.00	39.81 1.05 0.00	40.02 0.51 0.00	40.27 0.56 0.00	41.21 0.45 0.00	43.43 0.60 0.00	45.45 -0.88 0.00	48.79 -0.44 0.00	50.06 0.25 0.00	52.12 0.87 0.00	56.25 1.21 0.00	61.01 1.31 0.00	66.46 0.53 0.00	69.13 1.02 0.00	76.33 -0.53 0.00	82.42 1.22 0.00	90.34 1.94 0.00	85.58 1.93 0.00	81.87 0.49 0.00	72.56 0.29 0.00	66.08 0.00 0.00	60.77 1.19 0.00	55.15 1.86 0.00
OSWEGATCHIE___HYD 24044	45.64 0.85 0.00	42.94 0.47 0.00	39.11 0.35 0.00	39.82 0.31 0.00	40.19 0.48 0.00	41.49 0.73 0.00	43.73 0.90 0.00	47.49 1.16 0.00	50.45 1.13 -0.09	51.18 1.09 -0.28	52.37 0.97 -0.14	56.28 0.93 -0.30	61.10 0.90 -0.50	67.42 0.73 -0.75	68.11 0.00 0.00	76.48 -0.38 0.00	80.88 -0.32 0.00	87.52 -0.88 0.00	83.74 0.08 0.00	83.06 1.14 -0.54	73.36 1.09 0.00	67.73 1.39 -0.26	61.07 1.43 -0.06	54.56 1.28 0.00
OSWEGO___5 23606	44.26 -0.54 0.00	41.96 -0.51 0.00	38.22 -0.54 0.00	38.88 -0.63 0.00	39.04 -0.68 0.00	40.06 -0.69 0.00	42.10 -0.73 0.00	45.36 -0.98 0.00	49.70 -0.98 -1.46	53.41 -0.90 -4.49	52.73 -0.82 -2.30	58.96 -0.94 -4.86	66.84 -0.96 -8.10	76.92 -1.12 -12.10	67.15 -0.95 0.00	75.56 -1.31 0.00	80.07 -1.14 0.00	87.60 -0.80 0.00	82.82 -0.84 0.00	88.82 -1.22 -8.66	71.19 -1.08 0.00	69.20 -1.12 -4.24	59.61 -0.96 -0.99	52.49 -0.80 0.00
OSWEGO___6 23613	44.26 -0.54 0.00	41.96 -0.51 0.00	38.22 -0.54 0.00	38.88 -0.63 0.00	39.04 -0.68 0.00	40.06 -0.69 0.00	42.10 -0.73 0.00	45.36 -0.98 0.00	49.70 -0.98 -1.46	53.41 -0.90 -4.49	52.73 -0.82 -2.30	58.96 -0.94 -4.86	66.84 -0.96 -8.10	76.92 -1.12 -12.10	67.15 -0.95 0.00	75.56 -1.31 0.00	80.07 -1.14 0.00	87.60 -0.80 0.00	82.82 -0.84 0.00	88.82 -1.22 -8.66	71.19 -1.08 0.00	69.20 -1.12 -4.24	59.61 -0.96 -0.99	52.49 -0.80 0.00

OUTOKUMPU-AB___DRP 24206	45.96 1.16 0.00	44.55 2.08 0.00	39.61 0.85 0.00	39.75 0.24 0.00	39.99 0.28 0.00	40.80 0.04 0.00	43.13 0.30 0.00	44.90 -1.44 0.00	48.69 -0.54 0.00	50.11 0.30 0.00	52.43 1.18 0.00	56.85 1.82 0.00	61.19 1.49 0.00	66.33 0.40 0.00	68.31 0.20 0.00	75.94 -0.92 0.00	81.45 0.24 0.00	89.28 0.88 0.00	84.82 1.17 0.00	80.57 -0.81 0.00	70.97 -1.30 0.00	66.01 -0.07 0.00	60.17 0.60 0.00	54.83 1.55 0.00
OXBOW___BTM 323836	45.37 0.58 0.00	43.53 1.06 0.00	39.19 0.43 0.00	39.31 -0.20 0.00	39.56 -0.16 0.00	40.35 -0.41 0.00	42.62 -0.21 0.00	44.43 -1.90 0.00	48.05 -1.18 0.00	49.56 -0.25 0.00	51.66 0.41 0.00	55.64 0.61 0.00	60.47 0.77 0.00	65.21 -0.72 0.00	67.77 -0.34 0.00	74.40 -2.46 0.00	80.64 -0.56 0.00	88.13 -0.26 0.00	83.49 -0.17 0.00	79.35 -2.03 0.00	70.03 -2.24 0.00	64.03 -2.05 0.00	59.64 0.06 0.00	54.19 0.90 0.00
OXBOW___ 24026	45.42 0.63 0.00	44.04 1.57 0.00	39.19 0.43 0.00	39.31 -0.20 0.00	39.56 -0.16 0.00	40.35 -0.41 0.00	42.62 -0.21 0.00	44.43 -1.90 0.00	48.15 -1.08 0.00	49.56 -0.25 0.00	51.82 0.56 0.00	56.19 1.16 0.00	60.48 0.78 0.00	65.21 -0.73 0.00	67.29 -0.82 0.00	74.79 -2.08 0.00	80.15 -1.06 0.00	87.87 -0.53 0.00	83.49 -0.17 0.00	79.35 -2.03 0.00	69.89 -2.38 0.00	65.29 -0.79 0.00	59.52 -0.06 0.00	54.19 0.91 0.00
OXY_CHEM_DSASP 323612	44.66 -0.13 0.00	43.36 0.89 0.00	38.60 -0.16 0.00	38.72 -0.79 0.00	38.96 -0.75 0.00	39.74 -1.02 0.00	41.97 -0.86 0.00	43.74 -2.59 0.00	47.36 -1.87 0.00	48.76 -1.05 0.00	51.00 -0.26 0.00	55.26 0.22 0.00	59.46 -0.24 0.00	64.42 -1.52 0.00	66.61 -1.50 0.00	73.95 -2.92 0.00	79.34 -1.87 0.00	86.99 -1.41 0.00	82.73 -0.92 0.00	78.62 -2.77 0.00	69.31 -2.96 0.00	64.23 -1.85 0.00	58.56 -1.01 0.00	53.34 0.05 0.00
OZONE_PARK_ESR 323760	48.20 3.40 0.00	45.65 3.19 0.00	41.78 3.02 0.00	42.43 2.92 0.00	42.46 2.74 0.00	43.65 2.89 0.00	46.17 3.34 0.00	49.53 3.20 0.00	52.63 3.40 0.00	53.25 3.44 0.00	54.91 3.43 -0.23	59.26 3.58 -0.64	64.73 4.00 -1.03	71.49 4.62 -0.94	74.76 5.52 -1.13	84.55 6.76 -0.91	88.76 7.55 0.00	97.68 9.28 0.00	91.77 8.11 0.00	87.89 6.51 0.00	77.62 5.35 0.00	70.18 4.10 0.00	62.44 2.86 0.00	56.11 2.82 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	44.66 -0.13 0.00	43.36 0.89 0.00	38.60 -0.16 0.00	38.72 -0.79 0.00	38.96 -0.75 0.00	39.74 -1.02 0.00	41.97 -0.86 0.00	43.74 -2.59 0.00	47.36 -1.87 0.00	48.76 -1.05 0.00	51.00 -0.26 0.00	55.26 0.22 0.00	59.46 -0.24 0.00	64.42 -1.52 0.00	66.61 -1.50 0.00	73.95 -2.92 0.00	79.34 -1.87 0.00	86.99 -1.41 0.00	82.73 -0.92 0.00	78.62 -2.77 0.00	69.31 -2.96 0.00	64.23 -1.85 0.00	58.56 -1.01 0.00	53.34 0.05 0.00
PACKARD___115KV_DUPONT_184 80571	44.66 -0.13 0.00	43.36 0.89 0.00	38.60 -0.16 0.00	38.72 -0.79 0.00	38.96 -0.75 0.00	39.74 -1.02 0.00	41.97 -0.86 0.00	43.74 -2.59 0.00	47.36 -1.87 0.00	48.76 -1.05 0.00	51.00 -0.26 0.00	55.26 0.22 0.00	59.46 -0.24 0.00	64.42 -1.52 0.00	66.61 -1.50 0.00	73.95 -2.92 0.00	79.34 -1.87 0.00	86.99 -1.41 0.00	82.73 -0.92 0.00	78.62 -2.77 0.00	69.31 -2.96 0.00	64.23 -1.85 0.00	58.56 -1.01 0.00	53.34 0.05 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	48.03 3.23 -0.01	45.49 3.02 -0.01	41.60 2.83 -0.01	42.24 2.73 -0.01	42.22 2.50 0.00	43.24 2.49 0.00	45.66 2.83 0.00	48.79 2.46 0.00	51.74 2.51 0.00	52.30 2.49 0.00	53.99 2.51 -0.23	58.05 2.37 -0.64	63.35 2.63 -1.03	70.17 3.30 -0.93	73.39 4.15 -1.13	82.92 5.15 -0.91	86.96 5.77 0.01	95.82 7.43 0.01	90.17 6.52 0.01	86.42 5.05 0.01	76.38 4.12 0.01	69.11 3.04 0.01	61.36 1.79 0.01	55.63 2.34 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	48.74 3.94 -0.01	46.21 3.74 -0.01	42.26 3.49 -0.01	42.92 3.40 -0.01	42.89 3.18 0.00	43.85 3.10 0.00	46.30 3.47 0.00	49.44 3.10 0.00	52.38 3.15 0.00	52.90 3.09 0.00	54.55 3.08 -0.23	58.65 2.97 -0.64	63.95 3.22 -1.03	70.89 4.02 -0.93	74.07 4.84 -1.13	83.77 6.00 -0.91	87.86 6.66 0.01	96.88 8.49 0.01	91.17 7.53 0.01	87.40 6.02 0.01	77.25 4.99 0.01	69.97 3.90 0.01	62.13 2.56 0.01	56.32 3.04 0.00
PATROON___115KV_TB1 80586	45.42 0.63 0.00	42.98 0.51 0.00	39.34 0.58 0.00	40.10 0.59 0.00	40.27 0.56 0.00	41.37 0.61 0.00	43.39 0.56 0.00	46.70 0.37 0.00	49.67 0.44 0.00	50.16 0.35 0.00	51.22 0.15 0.18	54.64 0.11 0.51	59.05 0.18 0.83	65.58 0.40 0.75	67.95 0.75 0.91	77.21 1.08 0.73	82.50 1.30 0.00	90.70 2.30 0.00	85.66 2.01 0.00	82.77 1.38 0.00	73.50 1.23 0.00	67.14 1.06 0.00	60.05 0.48 0.00	53.55 0.27 0.00
PATTRSNVILLE___SOLAR 323815	46.67 1.88 0.00	44.17 1.70 0.00	40.31 1.55 0.00	41.09 1.58 0.00	41.31 1.59 0.00	42.39 1.63 0.00	44.46 1.63 0.00	47.72 1.39 0.00	50.56 1.33 0.00	50.90 1.09 0.00	52.03 0.92 0.15	55.56 0.93 0.42	60.04 1.01 0.67	66.58 1.25 0.61	69.08 1.70 0.73	78.42 2.15 0.59	83.64 2.43 0.00	92.11 3.71 0.00	87.42 3.77 0.00	84.96 3.58 0.00	75.60 3.33 0.00	68.92 2.84 0.00	61.96 2.39 0.00	55.26 1.97 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	45.91 1.12 0.00	44.34 1.87 0.00	39.54 0.78 0.00	39.67 0.16 0.00	39.91 0.20 0.00	40.76 0.00 0.00	43.13 0.30 0.00	45.22 -1.11 0.00	48.93 -0.30 0.00	50.36 0.55 0.00	52.64 1.38 0.00	57.07 2.04 0.00	61.49 1.79 0.00	66.79 0.86 0.00	69.13 1.02 0.00	76.94 0.08 0.00	82.50 1.30 0.00	90.52 2.12 0.00	85.74 2.09 0.00	81.55 0.16 0.00	71.84 -0.43 0.00	66.28 0.20 0.00	60.35 0.77 0.00	54.94 1.65 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	47.53 2.73 0.00	45.06 2.59 0.00	41.20 2.44 0.00	41.88 2.37 0.00	41.94 2.22 0.00	43.16 2.40 0.00	45.48 2.66 0.00	48.83 2.50 0.00	51.89 2.66 0.00	52.50 2.69 0.00	54.12 2.67 -0.20	58.52 2.92 -0.57	64.02 3.40 -0.91	70.86 4.09 -0.83	74.01 4.90 -1.00	83.75 6.07 -0.81	87.94 6.74 0.00	97.15 8.75 0.00	91.26 7.61 0.00	87.49 6.10 0.00	77.26 4.99 0.00	70.11 4.03 0.00	62.32 2.74 0.00	55.84 2.56 0.00
PEEKSKILL___ 23653	47.17 2.37 0.00	44.85 2.38 0.00	40.93 2.17 0.00	41.64 2.13 0.00	41.70 1.98 0.00	42.79 2.04 0.00	45.18 2.35 0.00	48.46 2.13 0.00	51.50 2.27 0.00	52.00 2.19 0.00	53.78 2.31 -0.22	58.26 2.59 -0.63	63.58 2.87 -1.01	70.09 3.23 -0.92	73.31 4.09 -1.11	82.91 5.15 -0.90	86.80 5.60 0.00	95.73 7.33 0.00	89.84 6.19 0.00	86.18 4.80 0.00	76.24 3.97 0.00	68.72 2.65 0.00	61.54 1.96 0.00	55.15 1.86 0.00
PGE MADISON___WINDPWR 24146	49.45 4.66 0.00	46.72 4.25 0.00	42.44 3.68 0.00	42.99 3.48 0.00	43.29 3.58 0.00	44.63 3.87 0.00	47.11 4.28 0.00	50.41 4.08 0.00	53.51 4.28 0.00	54.19 4.38 0.00	55.50 4.25 0.00	59.88 4.84 0.00	65.08 5.38 0.00	71.67 5.73 0.00	74.85 6.74 0.00	83.55 6.68 0.00	88.83 7.63 0.00	98.74 10.34 0.00	93.19 9.53 0.00	90.82 9.44 0.00	80.72 8.45 0.00	73.28 7.20 0.00	66.07 6.49 0.00	58.83 5.54 0.00

PIERCEFIELD___HYD 23852	44.84 0.04 0.00	42.38 -0.08 0.00	38.68 -0.08 0.00	39.47 -0.04 0.00	39.87 0.16 0.00	40.92 0.16 0.00	43.09 0.26 0.00	47.21 0.88 0.00	49.92 0.69 0.00	50.41 0.60 0.00	51.87 0.62 0.00	55.53 0.50 0.00	60.18 0.48 0.00	66.07 0.13 0.00	66.81 -1.29 0.00	75.18 -1.69 0.00	79.17 -2.03 0.00	84.07 -4.33 0.00	80.72 -2.93 0.00	80.24 -1.14 0.00	71.40 -0.87 0.00	65.68 -0.40 0.00	59.99 0.42 0.00	53.87 0.59 0.00
PINELAWN_CC_1 323563	47.39 2.60 0.00	45.66 3.19 0.00	42.13 3.37 0.00	42.67 3.16 0.00	42.70 2.98 0.00	43.57 2.81 0.00	45.44 2.61 0.00	47.39 1.62 0.56	48.33 1.72 2.62	49.27 1.64 2.18	51.46 1.90 1.68	58.08 2.59 -0.45	63.76 3.34 -0.72	71.16 4.28 -0.94	77.77 5.72 -3.95	88.63 6.99 -4.77	88.52 7.31 0.00	100.31 9.64 -2.27	95.08 8.45 -2.99	87.57 6.18 0.00	77.03 4.84 0.09	68.59 2.51 0.00	52.84 1.31 8.05	49.20 1.28 5.36
PJM_GEN_HTTP_PROXY 323702	47.62 2.82 0.00	45.23 2.76 0.00	41.28 2.52 0.00	41.96 2.45 0.00	42.02 2.30 0.00	43.12 2.36 0.00	45.61 2.78 0.00	48.92 2.59 0.00	51.98 2.76 0.00	52.50 2.69 0.00	54.30 2.82 -0.23	58.76 3.08 -0.64	64.07 3.34 -1.03	70.63 3.76 -0.94	73.94 4.70 -1.13	83.70 5.92 -0.91	87.62 6.41 0.00	96.44 8.04 0.00	90.51 6.86 0.00	86.67 5.29 0.00	76.68 4.41 0.00	68.92 2.84 0.00	62.50 2.14 -0.78	54.64 2.13 0.78
PJM_GEN_KEystone 24065	46.23 1.43 0.00	44.04 1.57 0.00	40.04 1.28 0.00	40.50 0.99 0.00	40.67 0.95 0.00	41.65 0.90 0.00	43.99 1.16 0.00	46.70 0.37 0.00	49.84 0.69 0.08	50.69 1.00 0.12	52.43 1.28 0.11	56.50 1.54 0.08	61.31 1.67 0.06	67.09 1.32 0.16	70.11 1.98 -0.03	78.87 1.84 -0.16	83.66 2.76 0.31	92.06 3.98 0.32	86.51 3.26 0.40	82.32 1.79 0.85	72.95 1.44 0.77	65.99 0.59 0.68	60.62 0.83 -0.21	53.47 1.23 1.04
PJM_GEN_NEPTUNE_PROXY 323594	46.90 2.11 0.00	45.15 2.68 0.00	41.59 2.83 0.00	42.16 2.65 0.00	42.18 2.46 0.00	43.08 2.32 0.00	44.97 2.14 0.00	47.00 1.34 0.68	47.43 1.38 3.18	48.50 1.35 2.65	50.87 1.59 1.97	57.77 2.09 -0.64	63.48 2.75 -1.03	70.44 3.56 -0.94	74.38 4.84 -1.44	84.11 5.92 -1.33	87.46 6.25 0.00	96.71 8.31 -0.01	90.90 7.11 -0.14	86.43 5.05 0.00	76.10 3.83 0.00	67.86 1.78 0.00	51.35 0.77 9.00	46.87 0.85 7.27
PJM_GEN_VFT_PROXY 323633	47.39 2.60 0.00	45.06 2.59 0.00	41.12 2.36 0.00	41.80 2.29 0.00	41.86 2.14 0.00	42.92 2.16 0.00	45.49 2.66 0.00	48.74 2.41 0.00	50.62 2.51 1.12	50.57 2.44 1.68	50.74 2.51 3.02	52.42 2.70 5.31	54.88 2.87 7.69	60.75 3.30 8.48	65.18 4.16 7.08	78.50 5.38 3.75	82.63 5.85 4.42	91.32 7.51 4.59	84.26 6.28 5.67	73.95 4.72 12.15	65.24 3.90 10.93	58.71 2.38 9.74	53.85 1.67 7.39	50.53 1.76 4.51
PLATSBURG_115KV_PMLD1 355749	44.12 -0.67 0.00	41.75 -0.72 0.00	38.14 -0.62 0.00	38.96 -0.55 0.00	39.36 -0.36 0.00	40.31 -0.45 0.00	42.44 -0.39 0.00	46.15 -0.19 0.00	48.49 -0.74 0.00	48.81 -1.00 0.00	50.43 -0.82 0.00	53.61 -1.43 0.00	58.21 -1.49 0.00	64.29 -1.65 0.00	65.72 -2.38 0.00	74.33 -2.54 0.00	78.20 -3.00 0.00	83.89 -4.51 0.00	79.89 -3.76 0.00	78.78 -2.60 0.00	70.10 -2.17 0.00	64.23 -1.85 0.00	58.39 -1.19 0.00	52.17 -1.12 0.00
PLEASANTVLY___LBMP 24000	46.72 1.93 0.00	44.30 1.83 0.00	40.54 1.78 0.00	41.25 1.74 0.00	41.34 1.63 0.00	42.55 1.79 0.00	44.80 1.97 0.00	48.00 1.67 0.00	51.05 1.82 0.00	51.55 1.74 -0.25	53.20 1.69 -0.72	57.52 1.76 -1.16	62.89 2.03 -1.05	69.43 2.44 -1.05	72.58 3.20 -1.27	81.81 3.92 -1.02	85.67 4.47 0.00	94.32 5.92 0.00	88.76 5.10 0.00	85.21 3.82 0.00	75.45 3.18 0.00	68.46 2.38 0.00	61.01 1.43 0.00	54.67 1.39 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	47.26 2.46 0.00	44.81 2.34 0.00	41.01 2.25 0.00	41.72 2.21 0.00	41.78 2.07 0.00	43.00 2.24 0.00	45.31 2.48 0.00	48.56 2.22 0.00	51.64 2.41 0.00	52.20 2.39 0.00	53.89 2.41 -0.23	58.27 2.59 -0.65	63.73 2.98 -1.04	70.38 3.49 -0.95	73.61 4.36 -1.14	83.17 5.38 -0.92	87.13 5.93 0.00	96.00 7.60 0.00	90.18 6.52 0.00	86.51 5.13 0.00	76.46 4.19 0.00	69.25 3.17 0.00	61.60 2.03 0.00	55.20 1.92 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	47.26 2.46 0.00	44.81 2.34 0.00	41.01 2.25 0.00	41.72 2.21 0.00	41.78 2.07 0.00	43.00 2.24 0.00	45.31 2.48 0.00	48.56 2.22 0.00	51.64 2.41 0.00	52.20 2.39 0.00	53.89 2.41 -0.23	58.27 2.59 -0.65	63.73 2.98 -1.04	70.38 3.49 -0.95	73.61 4.36 -1.14	83.17 5.38 -0.92	87.13 5.93 0.00	96.00 7.60 0.00	90.18 6.52 0.00	86.51 5.13 0.00	76.46 4.19 0.00	69.25 3.17 0.00	61.60 2.03 0.00	55.20 1.92 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	47.12 2.33 0.00	44.64 2.17 0.00	40.81 2.05 0.00	41.52 2.01 0.00	41.62 1.91 0.00	42.84 2.08 0.00	45.10 2.27 0.00	48.32 1.99 0.00	51.35 2.12 0.00	51.90 2.09 0.00	53.30 2.05 0.00	57.24 2.20 0.00	62.21 2.51 0.00	68.97 3.03 0.00	71.92 3.81 0.00	81.56 4.69 0.00	86.48 5.28 0.00	95.38 6.98 0.00	89.76 6.11 0.00	86.18 4.80 0.00	76.32 4.05 0.00	69.25 3.17 0.00	61.72 2.14 0.00	55.26 1.97 0.00
POLETTI_____ 23519	47.57 2.78 0.00	45.10 2.63 0.00	41.28 2.52 0.00	41.96 2.45 0.00	41.98 2.26 0.00	43.16 2.40 0.00	45.61 2.78 0.00	48.93 2.59 0.00	51.99 2.76 0.00	52.55 2.74 0.00	54.19 2.72 -0.23	58.43 2.75 -0.64	63.84 3.10 -1.03	70.50 3.63 -0.94	73.74 4.50 -1.13	83.32 5.53 -0.91	87.46 6.25 0.00	96.27 7.87 0.00	90.43 6.78 0.00	86.59 5.21 0.00	76.46 4.19 0.00	69.12 3.04 0.00	61.54 1.97 0.00	55.31 2.02 0.00
POMONA___ESR 323819	47.21 2.42 0.00	44.85 2.38 0.00	40.97 2.21 0.00	41.64 2.13 0.00	41.74 2.02 0.00	42.83 2.08 0.00	45.23 2.40 0.00	48.46 2.13 0.00	51.50 2.27 0.00	52.05 2.24 0.00	53.82 2.36 -0.21	58.33 2.70 -0.60	63.65 2.98 -0.97	70.18 3.36 -0.88	73.39 4.22 -1.06	82.95 5.23 -0.85	86.89 5.68 0.00	95.83 7.43 0.00	89.93 6.28 0.00	86.27 4.88 0.00	76.39 4.12 0.00	68.85 2.77 0.00	61.66 2.08 0.00	55.26 1.97 0.00
PORT_JEFF_3 23555	47.16 2.37 0.00	45.53 3.06 0.00	42.02 3.26 0.00	42.51 3.00 0.00	42.54 2.82 0.00	43.40 2.65 0.00	45.14 2.31 0.00	46.91 1.20 0.63	47.55 1.28 2.95	48.54 1.19 2.46	50.41 1.18 2.03	57.33 2.04 -0.25	62.78 2.69 -0.39	70.57 3.69 -0.94	75.65 5.17 -2.37	85.87 6.38 -2.63	117.16 6.66 -29.29	186.51 9.02 -89.09	158.81 7.78 -67.37	86.85 5.45 -0.01	76.14 4.04 0.18	67.73 1.65 0.00	50.92 0.42 9.08	47.81 0.59 6.06
PORT_JEFF_4 23616	47.16 2.37 0.00	45.53 3.06 0.00	42.02 3.26 0.00	42.51 3.00 0.00	42.54 2.82 0.00	43.40 2.65 0.00	45.14 2.31 0.00	46.91 1.20 0.63	47.55 1.28 2.95	48.54 1.19 2.46	50.41 1.18 2.03	57.33 2.04 -0.25	62.78 2.69 -0.39	70.57 3.69 -0.94	75.65 5.17 -2.37	85.87 6.38 -2.63	117.16 6.66 -29.29	186.51 9.02 -89.09	158.81 7.78 -67.37	86.85 5.45 -0.01	76.14 4.04 0.18	67.73 1.65 0.00	50.92 0.42 9.08	47.81 0.59 6.06

PORT_JEFF_IC 23713	46.76 1.97 0.00	44.93 2.46 0.00	42.05 3.29 0.00	42.55 3.04 0.00	42.58 2.86 0.00	43.94 3.18 0.00	45.14 2.31 0.00	46.96 1.25 0.63	47.72 1.43 2.94	48.70 1.34 2.45	50.50 1.33 2.08	57.21 2.04 -0.13	62.33 2.45 -0.18	70.77 3.89 -0.94	75.83 5.31 -2.41	86.02 6.46 -2.69	138.51 7.06 -50.25	226.33 9.19 -128.74	188.89 8.11 -97.13	87.18 5.78 -0.02	76.23 4.19 0.23	68.19 2.11 0.00	51.13 0.60 9.04	47.98 0.75 6.05
PPL PILGRIM_ST_GT1 24216	47.52 2.73 0.00	45.91 3.44 0.00	42.37 3.61 0.00	42.87 3.36 0.00	42.93 3.22 0.00	43.77 3.02 0.00	45.57 2.74 0.00	47.29 1.58 0.62	48.01 1.67 2.90	48.99 1.59 2.42	51.06 1.84 2.04	57.90 2.70 -0.16	63.40 3.46 -0.24	71.16 4.28 -0.94	76.50 5.79 -2.60	86.32 6.53 -2.93	88.10 6.90 0.00	104.90 9.19 -7.31	97.75 7.95 -6.15	87.08 5.69 0.00	76.82 4.77 0.22	68.39 2.31 0.00	51.92 1.25 8.91	48.50 1.17 5.96
PPL PILGRIM_ST_GT2 24217	47.52 2.73 0.00	45.91 3.44 0.00	42.37 3.61 0.00	42.87 3.36 0.00	42.93 3.22 0.00	43.77 3.02 0.00	45.57 2.74 0.00	47.29 1.58 0.62	48.01 1.67 2.90	48.99 1.59 2.42	51.06 1.84 2.04	57.90 2.70 -0.16	63.40 3.46 -0.24	71.16 4.28 -0.94	76.50 5.79 -2.60	86.32 6.53 -2.93	88.10 6.90 0.00	104.90 9.19 -7.31	97.75 7.95 -6.15	87.08 5.69 0.00	76.82 4.77 0.22	68.39 2.31 0.00	51.92 1.25 8.91	48.50 1.17 5.96
PPL_SHRM_GT3 24213	46.99 2.19 0.00	45.32 2.85 0.00	41.79 3.03 0.00	42.27 2.76 0.00	42.30 2.58 0.00	43.12 2.36 0.00	44.84 2.01 0.00	46.58 0.88 0.63	47.32 1.04 2.95	48.35 1.00 2.46	50.44 1.23 2.04	57.41 2.14 -0.23	63.03 2.98 -0.34	70.97 4.09 -0.94	76.15 5.65 -2.39	86.52 6.99 -2.66	122.04 7.47 -33.37	194.53 9.90 -96.23	165.09 8.70 -72.74	87.67 6.27 -0.02	76.71 4.63 0.19	68.13 2.05 0.00	51.05 0.54 9.06	47.82 0.59 6.06
PPL_SHRM_GT4 24214	46.99 2.19 0.00	45.32 2.85 0.00	41.79 3.03 0.00	42.27 2.76 0.00	42.30 2.58 0.00	43.12 2.36 0.00	44.84 2.01 0.00	46.58 0.88 0.63	47.32 1.04 2.95	48.35 1.00 2.46	50.44 1.23 2.04	57.41 2.14 -0.23	63.03 2.98 -0.34	70.97 4.09 -0.94	76.15 5.65 -2.39	86.52 6.99 -2.66	122.04 7.47 -33.37	194.53 9.90 -96.23	165.09 8.70 -72.74	87.67 6.27 -0.02	76.71 4.63 0.19	68.13 2.05 0.00	51.05 0.54 9.06	47.82 0.59 6.06
PROJECT___ORANGE 1 24174	44.84 0.04 0.00	42.55 0.08 0.00	38.64 -0.12 0.00	39.31 -0.20 0.00	39.48 -0.24 0.00	40.55 -0.20 0.00	42.57 -0.26 0.00	45.87 -0.46 0.00	48.94 -0.34 -0.06	49.74 -0.25 -0.18	51.24 -0.10 -0.09	55.23 0.00 -0.19	60.02 0.00 -0.32	66.35 -0.07 -0.48	68.38 0.27 0.00	76.94 0.08 0.00	81.37 0.16 0.00	89.19 0.80 0.00	84.41 0.75 0.00	81.89 0.16 -0.34	72.34 0.07 0.00	66.31 0.07 -0.17	59.50 -0.12 -0.04	53.18 -0.11 0.00
PROJECT___ORANGE 2 24166	44.84 0.04 0.00	42.55 0.08 0.00	38.64 -0.12 0.00	39.31 -0.20 0.00	39.48 -0.24 0.00	40.55 -0.20 0.00	42.57 -0.26 0.00	45.87 -0.46 0.00	48.94 -0.34 -0.06	49.74 -0.25 -0.18	51.24 -0.10 -0.09	55.23 0.00 -0.19	60.02 0.00 -0.32	66.35 -0.07 -0.48	68.38 0.27 0.00	76.94 0.08 0.00	81.37 0.16 0.00	89.19 0.80 0.00	84.41 0.75 0.00	81.89 0.16 -0.34	72.34 0.07 0.00	66.31 0.07 -0.17	59.50 -0.12 -0.04	53.18 -0.11 0.00
PUCKETT___SOLAR 323809	46.63 1.84 0.00	44.21 1.74 0.00	40.23 1.47 0.00	40.89 1.38 0.00	41.07 1.35 0.00	42.18 1.43 0.00	44.37 1.54 0.00	47.44 1.11 0.00	50.51 1.28 0.00	51.15 1.35 0.00	52.64 1.38 0.00	56.64 1.60 0.00	61.49 1.79 0.00	67.72 1.78 0.00	70.49 2.38 0.00	79.10 2.23 0.00	84.04 2.84 0.00	92.64 4.24 0.00	87.67 4.02 0.00	84.80 3.42 0.00	75.38 3.11 0.00	68.59 2.51 0.00	61.90 2.32 0.00	55.42 2.13 0.00
PYRITES___HYD 24023	45.55 0.76 0.00	43.06 0.59 0.00	39.26 0.50 0.00	40.06 0.55 0.00	40.51 0.79 0.00	41.57 0.82 0.00	43.77 0.94 0.00	47.86 1.53 0.00	50.51 1.28 0.00	50.91 1.10 0.00	52.28 1.03 0.00	56.03 0.99 0.00	60.71 1.01 0.00	66.73 0.79 0.00	67.70 -0.41 0.00	76.17 -0.69 0.00	80.31 -0.89 0.00	85.48 -2.92 0.00	82.23 -1.42 0.00	82.03 0.65 0.00	73.14 0.87 0.00	67.20 1.12 0.00	61.30 1.73 0.00	54.88 1.60 0.00
QUAKERRD_115KV_BK1 80622	44.75 -0.04 0.00	42.81 0.34 0.00	38.49 -0.27 0.00	38.92 -0.59 0.00	39.12 -0.60 0.00	40.06 -0.69 0.00	42.23 -0.60 0.00	45.03 -1.30 0.00	48.20 -1.03 0.00	49.31 -0.50 0.00	51.30 0.05 0.00	55.26 0.22 0.00	59.76 0.06 0.00	65.54 -0.40 0.00	68.04 -0.07 0.00	76.17 -0.69 0.00	80.96 -0.24 0.00	89.02 0.62 0.00	84.41 0.75 0.00	80.98 -0.41 0.00	71.48 -0.79 0.00	65.81 -0.26 0.00	59.40 -0.18 0.00	53.39 0.11 0.00
QUENSBRY_115KV_TB8 356137	46.85 2.06 0.00	44.17 1.70 0.00	40.31 1.55 0.00	40.97 1.46 0.00	41.23 1.51 0.00	42.43 1.67 0.00	44.37 1.54 0.00	47.81 1.48 0.00	50.95 1.72 0.00	51.35 1.54 0.00	51.93 0.87 0.20	55.36 0.88 0.56	59.58 0.78 0.89	66.18 1.05 0.81	68.42 1.29 0.98	78.00 1.92 0.79	83.48 2.27 0.00	92.38 3.98 0.00	88.17 4.52 0.00	85.61 4.23 0.00	76.46 4.19 0.00	70.04 3.96 0.00	62.62 3.04 0.00	55.63 2.34 0.00
RAMAPO___LBMP 323565	47.03 2.24 0.00	44.55 2.08 0.00	40.81 2.05 0.00	41.48 1.98 0.00	41.54 1.83 0.00	42.75 2.00 0.00	45.06 2.23 0.00	48.28 1.95 0.00	51.35 2.12 0.00	51.90 2.09 0.00	53.56 2.10 -0.21	57.88 2.26 -0.59	63.22 2.57 -0.95	69.77 2.97 -0.86	72.89 3.75 -1.04	82.32 4.61 -0.84	86.32 5.12 0.00	95.12 6.72 0.00	89.42 5.77 0.00	85.78 4.39 0.00	75.88 3.61 0.00	68.85 2.78 0.00	61.30 1.73 0.00	54.99 1.71 0.00
RANKINE____ 23646	46.18 1.39 0.00	44.68 2.21 0.00	39.81 1.05 0.00	39.94 0.43 0.00	40.19 0.48 0.00	41.04 0.29 0.00	43.39 0.56 0.00	45.36 -0.97 0.00	49.08 -0.15 0.00	50.51 0.70 0.00	52.79 1.54 0.00	57.29 2.26 0.00	61.67 1.97 0.00	67.06 1.12 0.00	69.33 1.23 0.00	77.10 0.23 0.00	82.67 1.46 0.00	90.70 2.30 0.00	86.08 2.43 0.00	81.87 0.49 0.00	72.05 -0.22 0.00	66.61 0.53 0.00	60.71 1.13 0.00	55.20 1.92 0.00
RAVENSWOOD_GT2_1 24244	47.66 2.87 0.00	45.15 2.68 0.00	41.36 2.60 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.24 2.49 0.00	45.66 2.83 0.00	48.97 2.64 0.00	52.04 2.81 0.00	52.60 2.79 0.00	54.25 2.77 -0.23	58.54 2.86 -0.64	63.96 3.22 -1.03	70.64 3.76 -0.94	73.87 4.63 -1.13	83.47 5.69 -0.91	87.54 6.33 0.00	96.36 7.96 0.00	90.51 6.86 0.00	86.67 5.29 0.00	76.61 4.34 0.00	69.25 3.17 0.00	61.66 2.09 0.00	55.42 2.13 0.00
RAVENSWOOD_GT2_2 24245	47.66 2.87 0.00	45.15 2.68 0.00	41.36 2.60 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.24 2.49 0.00	45.66 2.83 0.00	48.97 2.64 0.00	52.04 2.81 0.00	52.60 2.79 0.00	54.25 2.77 -0.23	58.54 2.86 -0.64	63.96 3.22 -1.03	70.64 3.76 -0.94	73.87 4.63 -1.13	83.47 5.69 -0.91	87.54 6.33 0.00	96.36 7.96 0.00	90.51 6.86 0.00	86.67 5.29 0.00	76.61 4.34 0.00	69.25 3.17 0.00	61.66 2.09 0.00	55.42 2.13 0.00

RAVENSWOOD_GT2_3 24246	47.66 2.87 0.00	45.19 2.72 0.00	41.36 2.60 0.00	42.04 2.53 0.00	42.06 2.34 0.00	43.28 2.53 0.00	45.70 2.87 0.00	48.97 2.64 0.00	52.08 2.86 0.00	52.65 2.84 0.00	54.30 2.82 -0.23	58.60 2.92 -0.64	63.96 3.22 -1.03	70.70 3.82 -0.94	73.87 4.63 -1.13	83.47 5.69 -0.91	87.62 6.42 0.00	96.44 8.04 0.00	90.60 6.94 0.00	86.75 5.37 0.00	76.61 4.34 0.00	69.32 3.24 0.00	61.72 2.14 0.00	55.47 2.18 0.00
RAVENSWOOD_GT2_4 24247	47.66 2.87 0.00	45.19 2.72 0.00	41.36 2.60 0.00	42.04 2.53 0.00	42.06 2.34 0.00	43.28 2.53 0.00	45.70 2.87 0.00	48.97 2.64 0.00	52.08 2.86 0.00	52.65 2.84 0.00	54.30 2.82 -0.23	58.60 2.92 -0.64	63.96 3.22 -1.03	70.70 3.82 -0.94	73.87 4.63 -1.13	83.47 5.69 -0.91	87.62 6.42 0.00	96.44 8.04 0.00	90.60 6.94 0.00	86.75 5.37 0.00	76.61 4.34 0.00	69.32 3.24 0.00	61.72 2.14 0.00	55.47 2.18 0.00
RAVENSWOOD_GT3_1 24248	47.66 2.87 0.00	45.19 2.72 0.00	41.36 2.60 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.24 2.49 0.00	45.66 2.83 0.00	48.97 2.64 0.00	52.04 2.81 0.00	52.60 2.79 0.00	54.30 2.82 -0.23	58.54 2.86 -0.64	63.96 3.22 -1.03	70.64 3.76 -0.94	73.87 4.63 -1.13	83.47 5.69 -0.91	87.54 6.33 0.00	96.36 7.96 0.00	90.51 6.86 0.00	86.67 5.29 0.00	76.61 4.34 0.00	69.25 3.17 0.00	61.66 2.09 0.00	55.42 2.13 0.00
RAVENSWOOD_GT3_2 24249	47.66 2.87 0.00	45.19 2.72 0.00	41.36 2.60 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.24 2.49 0.00	45.66 2.83 0.00	48.97 2.64 0.00	52.04 2.81 0.00	52.60 2.79 0.00	54.30 2.82 -0.23	58.54 2.86 -0.64	63.96 3.22 -1.03	70.64 3.76 -0.94	73.87 4.63 -1.13	83.47 5.69 -0.91	87.54 6.33 0.00	96.36 7.96 0.00	90.51 6.86 0.00	86.67 5.29 0.00	76.61 4.34 0.00	69.25 3.17 0.00	61.66 2.09 0.00	55.42 2.13 0.00
RAVENSWOOD_GT3_3 24250	47.75 2.96 0.00	45.23 2.76 0.00	41.40 2.64 0.00	42.08 2.57 0.00	42.10 2.38 0.00	43.32 2.57 0.00	45.74 2.91 0.00	49.07 2.73 0.00	52.13 2.90 0.00	52.70 2.89 0.00	54.40 2.92 -0.23	58.65 2.97 -0.64	64.08 3.34 -1.03	70.77 3.89 -0.94	74.01 4.77 -1.13	83.62 5.84 -0.91	87.78 6.58 0.00	96.62 8.22 0.00	90.76 7.11 0.00	86.92 5.53 0.00	76.75 4.48 0.00	69.38 3.30 0.00	61.78 2.20 0.00	55.52 2.24 0.00
RAVENSWOOD_GT3_4 24251	47.75 2.96 0.00	45.23 2.76 0.00	41.40 2.64 0.00	42.08 2.57 0.00	42.10 2.38 0.00	43.32 2.57 0.00	45.74 2.91 0.00	49.07 2.73 0.00	52.13 2.90 0.00	52.70 2.89 0.00	54.40 2.92 -0.23	58.65 2.97 -0.64	64.08 3.34 -1.03	70.77 3.89 -0.94	74.01 4.77 -1.13	83.62 5.84 -0.91	87.78 6.58 0.00	96.62 8.22 0.00	90.76 7.11 0.00	86.92 5.53 0.00	76.75 4.48 0.00	69.38 3.30 0.00	61.78 2.20 0.00	55.52 2.24 0.00
RAVENSWOOD_GT_1 23729	47.88 3.09 0.00	45.36 2.89 0.00	41.47 2.71 0.00	42.16 2.65 0.00	42.18 2.46 0.00	43.28 2.53 0.00	45.74 2.91 0.00	49.02 2.69 0.00	52.04 2.81 0.00	52.60 2.79 0.00	54.30 2.82 -0.23	58.43 2.75 -0.64	63.71 2.98 -1.03	70.43 3.56 -0.93	73.66 4.43 -1.13	83.23 5.46 -0.91	87.29 6.09 0.01	96.08 7.69 0.01	90.25 6.61 0.01	86.42 5.05 0.01	76.38 4.12 0.01	69.05 2.97 0.01	61.48 1.91 0.01	55.52 2.24 0.00
RAVENSWOOD_GT_10 24258	47.66 2.87 0.00	45.15 2.68 0.00	41.36 2.60 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.24 2.49 0.00	45.66 2.83 0.00	48.97 2.64 0.00	52.04 2.81 0.00	52.65 2.84 0.00	54.30 2.82 -0.23	58.54 2.86 -0.64	63.96 3.22 -1.03	70.63 3.76 -0.94	73.87 4.63 -1.13	83.47 5.69 -0.91	87.62 6.42 0.00	96.44 8.04 0.00	90.59 6.94 0.00	86.75 5.37 0.00	76.61 4.34 0.00	69.32 3.24 0.00	61.66 2.09 0.00	55.47 2.18 0.00
RAVENSWOOD_GT_11 24259	47.66 2.87 0.00	45.15 2.68 0.00	41.36 2.60 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.24 2.49 0.00	45.66 2.83 0.00	48.97 2.64 0.00	52.04 2.81 0.00	52.65 2.84 0.00	54.30 2.82 -0.23	58.54 2.86 -0.64	63.96 3.22 -1.03	70.63 3.76 -0.94	73.87 4.63 -1.13	83.47 5.69 -0.91	87.62 6.42 0.00	96.44 8.04 0.00	90.59 6.94 0.00	86.75 5.37 0.00	76.61 4.34 0.00	69.32 3.24 0.00	61.66 2.09 0.00	55.47 2.18 0.00
RAVENSWOOD_GT_4 24252	47.61 2.82 0.00	45.15 2.68 0.00	41.32 2.56 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.24 2.49 0.00	45.66 2.83 0.00	48.97 2.64 0.00	52.09 2.86 0.00	52.65 2.84 0.00	54.30 2.82 -0.23	58.60 2.92 -0.64	64.01 3.28 -1.03	70.70 3.82 -0.93	73.93 4.70 -1.13	83.54 5.77 -0.91	87.70 6.50 0.00	96.53 8.13 0.00	90.67 7.03 0.01	86.83 5.45 0.01	76.67 4.41 0.01	69.38 3.30 0.01	61.72 2.14 0.01	55.47 2.18 0.00
RAVENSWOOD_GT_5 24254	47.61 2.82 0.00	45.15 2.68 0.00	41.32 2.56 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.24 2.49 0.00	45.66 2.83 0.00	48.97 2.64 0.00	52.09 2.86 0.00	52.65 2.84 0.00	54.30 2.82 -0.23	58.60 2.92 -0.64	64.01 3.28 -1.03	70.70 3.82 -0.93	73.93 4.70 -1.13	83.54 5.77 -0.91	87.70 6.50 0.00	96.53 8.13 0.00	90.67 7.03 0.01	86.83 5.45 0.01	76.67 4.41 0.01	69.38 3.30 0.01	61.72 2.14 0.01	55.47 2.18 0.00
RAVENSWOOD_GT_6 24253	47.61 2.82 0.00	45.15 2.68 0.00	41.32 2.56 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.24 2.49 0.00	45.66 2.83 0.00	48.97 2.64 0.00	52.09 2.86 0.00	52.65 2.84 0.00	54.30 2.82 -0.23	58.60 2.92 -0.64	64.01 3.28 -1.03	70.70 3.82 -0.93	73.93 4.70 -1.13	83.54 5.77 -0.91	87.70 6.50 0.00	96.53 8.13 0.00	90.67 7.03 0.01	86.83 5.45 0.01	76.67 4.41 0.01	69.38 3.30 0.01	61.72 2.14 0.01	55.47 2.18 0.00
RAVENSWOOD_GT_7 24255	47.61 2.82 0.00	45.15 2.68 0.00	41.32 2.56 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.24 2.49 0.00	45.66 2.83 0.00	48.97 2.64 0.00	52.09 2.86 0.00	52.65 2.84 0.00	54.30 2.82 -0.23	58.60 2.92 -0.64	64.01 3.28 -1.03	70.70 3.82 -0.93	73.93 4.70 -1.13	83.54 5.77 -0.91	87.70 6.50 0.00	96.53 8.13 0.00	90.67 7.03 0.01	86.83 5.45 0.01	76.67 4.41 0.01	69.38 3.30 0.01	61.72 2.14 0.01	55.47 2.18 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	47.66 2.87 0.00	45.15 2.68 0.00	41.36 2.60 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.24 2.49 0.00	45.66 2.83 0.00	48.97 2.64 0.00	52.04 2.81 0.00	52.65 2.84 0.00	54.30 2.82 -0.23	58.54 2.86 -0.64	63.96 3.22 -1.03	70.63 3.76 -0.94	73.87 4.63 -1.13	83.47 5.69 -0.91	87.62 6.42 0.00	96.44 8.04 0.00	90.59 6.94 0.00	86.75 5.37 0.00	76.61 4.34 0.00	69.32 3.24 0.00	61.66 2.09 0.00	55.47 2.18 0.00
RAVENSWOOD_GT_9 24257	47.66 2.87 0.00	45.15 2.68 0.00	41.36 2.60 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.24 2.49 0.00	45.66 2.83 0.00	48.97 2.64 0.00	52.04 2.81 0.00	52.65 2.84 0.00	54.30 2.82 -0.23	58.54 2.86 -0.64	63.96 3.22 -1.03	70.63 3.76 -0.94	73.87 4.63 -1.13	83.47 5.69 -0.91	87.62 6.42 0.00	96.44 8.04 0.00	90.59 6.94 0.00	86.75 5.37 0.00	76.61 4.34 0.00	69.32 3.24 0.00	61.66 2.09 0.00	55.47 2.18 0.00

RAVENSWOOD___1 23533	47.84 3.05 0.00	45.44 2.97 0.00	41.47 2.71 0.00	42.12 2.61 0.00	42.18 2.46 0.00	43.16 2.40 0.00	45.74 2.91 0.00	48.97 2.64 0.00	51.89 2.66 0.00	52.45 2.64 0.00	54.30 2.82 -0.23	58.70 3.03 -0.64	63.77 3.04 -1.03	70.36 3.49 -0.93	73.66 4.42 -1.13	83.38 5.61 -0.91	87.29 6.09 0.01	96.17 7.78 0.01	90.17 6.53 0.01	86.34 4.97 0.01	76.38 4.12 0.01	68.65 2.57 0.01	61.47 1.91 0.01	55.47 2.19 0.00
RAVENSWOOD___2 23534	47.70 2.91 0.00	45.36 2.89 0.00	41.36 2.60 0.00	42.00 2.49 0.00	42.06 2.34 0.00	43.04 2.28 0.00	45.61 2.78 0.00	48.88 2.55 0.00	51.79 2.56 0.00	52.35 2.54 0.00	54.19 2.71 -0.23	58.43 2.75 -0.64	63.23 2.51 -1.03	69.77 2.90 -0.93	73.04 3.81 -1.13	82.70 4.92 -0.91	86.47 5.28 0.01	95.29 6.90 0.01	89.41 5.77 0.01	85.60 4.23 0.01	75.73 3.47 0.01	68.12 2.05 0.01	61.00 1.43 0.01	55.31 2.02 0.00
RAVENSWOOD___3 23535	47.66 2.87 0.00	45.32 2.85 0.00	41.36 2.60 0.00	42.00 2.49 0.00	42.10 2.38 0.00	43.16 2.40 0.00	45.66 2.83 0.00	48.97 2.64 0.00	51.98 2.76 0.00	52.55 2.74 0.00	54.35 2.87 -0.23	58.76 3.08 -0.64	64.01 3.28 -1.03	70.63 3.76 -0.94	73.87 4.63 -1.13	83.70 5.92 -0.91	87.62 6.41 0.00	96.53 8.13 0.00	90.51 6.86 0.00	86.67 5.29 0.00	76.68 4.41 0.00	68.92 2.84 0.00	61.72 2.14 0.00	55.47 2.19 0.00
RAVENSWOOD___4 23820	47.79 3.00 0.00	45.44 2.97 0.00	41.43 2.67 0.00	42.08 2.57 0.00	42.14 2.42 0.00	43.12 2.36 0.00	45.70 2.87 0.00	48.92 2.59 0.00	51.89 2.66 0.00	52.45 2.64 0.00	54.29 2.82 -0.23	58.65 2.97 -0.64	63.77 3.04 -1.03	70.29 3.43 -0.93	73.59 4.36 -1.12	83.31 5.54 -0.91	87.21 6.01 0.01	96.08 7.69 0.01	90.17 6.53 0.01	86.26 4.88 0.01	76.31 4.04 0.01	68.64 2.57 0.01	61.42 1.85 0.01	55.42 2.13 0.00
RCPL_TRUST___DRP 24196	47.66 2.87 0.00	45.19 2.72 0.00	41.36 2.60 0.00	42.04 2.53 0.00	42.06 2.34 0.00	43.28 2.53 0.00	45.74 2.91 0.00	49.07 2.73 0.00	52.13 2.90 0.00	52.75 2.94 0.00	54.40 2.92 -0.23	58.71 3.03 -0.64	64.14 3.40 -1.03	70.83 3.96 -0.94	74.08 4.84 -1.13	83.70 5.92 -0.91	87.78 6.58 0.00	96.62 8.22 0.00	90.76 7.11 0.00	86.92 5.53 0.00	76.75 4.48 0.00	69.38 3.30 0.00	61.78 2.20 0.00	55.52 2.24 0.00
RED___ROCHESTER 323720	46.18 1.39 0.00	44.00 1.53 0.00	39.69 0.93 0.00	40.06 0.55 0.00	40.27 0.56 0.00	41.21 0.45 0.00	43.43 0.60 0.00	46.19 -0.14 0.00	49.48 0.25 0.00	50.86 1.05 0.00	52.89 1.64 0.00	56.80 1.76 0.00	61.79 2.09 0.00	67.65 1.71 0.00	70.42 2.32 0.00	78.25 1.39 0.00	83.72 2.52 0.00	92.03 3.63 0.00	87.08 3.43 0.00	83.42 2.04 0.00	73.72 1.44 0.00	67.40 1.32 0.00	61.36 1.79 0.00	55.26 1.97 0.00
REGAN___SOLAR 323812	48.47 3.67 0.00	45.78 3.31 0.00	41.74 2.98 0.00	42.47 2.96 0.00	42.73 3.02 0.00	43.94 3.18 0.00	46.00 3.17 0.00	49.30 2.97 0.00	52.23 3.00 0.00	52.45 2.64 0.00	53.58 2.46 0.13	57.25 2.59 0.38	61.78 2.69 0.61	68.48 3.10 0.56	71.18 3.74 0.67	80.78 4.46 0.54	86.24 5.04 0.00	95.47 7.07 0.00	90.93 7.27 0.00	88.62 7.24 0.00	79.06 6.79 0.00	72.15 6.08 0.00	64.88 5.30 0.00	57.60 4.31 0.00
RENSSELAER___COGEN 23796	45.02 0.23 0.00	42.64 0.17 0.00	39.03 0.27 0.00	39.79 0.28 0.00	39.96 0.24 0.00	41.00 0.25 0.00	43.04 0.22 0.00	46.33 0.00 0.00	49.18 -0.05 0.00	49.61 -0.20 0.00	50.77 -0.31 0.18	54.21 -0.33 0.50	58.54 -0.36 0.80	64.94 -0.26 0.73	67.29 0.07 0.88	76.62 0.46 0.71	81.69 0.49 0.00	89.81 1.41 0.00	84.74 1.08 0.00	81.96 0.57 0.00	72.78 0.51 0.00	66.21 0.13 0.00	59.46 -0.12 0.00	53.02 -0.27 0.00
REPUBLIC_115KV_BARTNBRK 55605	48.29 3.49 0.00	45.40 2.93 0.00	41.32 2.56 0.00	41.92 2.41 0.00	42.22 2.50 0.00	43.53 2.77 0.00	45.40 2.57 0.00	48.97 2.64 0.00	52.23 3.00 0.00	52.60 2.79 0.00	53.15 2.10 0.20	56.73 2.26 0.56	61.00 2.21 0.91	67.75 2.64 0.82	69.84 2.72 0.99	79.83 3.77 0.80	85.35 4.14 0.00	95.21 6.81 0.00	90.93 7.28 0.00	88.54 7.16 0.00	79.21 6.94 0.00	72.88 6.81 0.00	65.18 5.60 0.00	57.66 4.37 0.00
REVERE_CPPR_DRP 24186	47.12 2.33 0.00	44.42 1.95 0.00	40.43 1.67 0.00	41.09 1.58 0.00	41.34 1.63 0.00	42.63 1.87 0.00	44.89 2.06 0.00	48.32 1.99 0.00	51.40 2.17 0.00	52.05 2.24 0.00	53.46 2.20 0.00	57.51 2.48 0.00	62.33 2.63 0.00	68.84 2.90 0.00	71.38 3.27 0.00	80.10 3.23 0.00	84.78 3.57 0.00	93.44 5.04 0.00	88.17 4.52 0.00	86.02 4.64 0.00	76.39 4.12 0.00	69.78 3.70 0.00	62.67 3.10 0.00	55.79 2.50 0.00
REYNLDPA_13_KV_LD 356490	44.57 -0.22 0.00	42.21 -0.25 0.00	38.57 -0.19 0.00	39.35 -0.16 0.00	39.76 0.04 0.00	40.68 -0.08 0.00	42.79 -0.04 0.00	46.80 0.46 0.00	49.62 0.39 0.00	50.11 0.30 0.00	51.61 0.36 0.00	55.31 0.28 0.00	60.06 0.36 0.00	66.27 0.33 0.00	67.77 -0.34 0.00	76.64 -0.23 0.00	80.64 -0.57 0.00	86.37 -2.03 0.00	82.23 -1.42 0.00	80.98 -0.41 0.00	71.98 -0.29 0.00	66.01 -0.07 0.00	60.11 0.54 0.00	53.77 0.48 0.00
REYNOLDS_115KV_TB3 80639	45.46 0.67 0.00	43.06 0.59 0.00	39.42 0.66 0.00	40.18 0.67 0.00	40.35 0.64 0.00	41.49 0.73 0.00	43.56 0.73 0.00	46.80 0.46 0.00	49.77 0.54 0.00	50.16 0.35 0.00	51.19 0.15 0.21	54.55 0.11 0.60	58.91 0.18 0.97	65.45 0.40 0.88	67.79 0.75 1.06	77.16 1.15 0.86	82.58 1.38 0.00	90.87 2.48 0.00	85.66 2.01 0.00	82.85 1.46 0.00	73.50 1.23 0.00	67.14 1.06 0.00	60.05 0.48 0.00	53.55 0.27 0.00
RIVERBAY____ 323610	48.74 3.94 -0.01	46.21 3.74 -0.01	42.26 3.49 -0.01	42.92 3.40 -0.01	42.89 3.18 0.00	43.85 3.10 0.00	46.30 3.47 0.00	49.44 3.10 0.00	52.38 3.15 0.00	52.90 3.09 0.00	54.55 3.08 -0.23	58.65 2.97 -0.64	63.95 3.22 -1.03	70.89 4.02 -0.93	74.07 4.84 -1.13	83.77 6.00 -0.91	87.86 6.66 0.01	96.88 8.49 0.01	91.17 7.53 0.01	87.40 6.02 0.01	77.25 4.99 0.01	69.97 3.90 0.01	62.13 2.56 0.01	56.32 3.04 0.00
RIVERSDE_115KV_TB3 55908	45.33 0.54 0.00	42.89 0.42 0.00	39.30 0.54 0.00	40.06 0.55 0.00	40.23 0.52 0.00	41.37 0.61 0.00	43.39 0.56 0.00	46.66 0.32 0.00	49.62 0.39 0.00	50.06 0.25 0.00	51.11 0.05 0.20	54.49 0.00 0.55	58.87 0.06 0.89	65.39 0.26 0.81	67.74 0.61 0.98	77.00 0.92 0.79	82.34 1.14 0.00	90.61 2.21 0.00	85.49 1.84 0.00	82.60 1.22 0.00	73.35 1.08 0.00	66.94 0.86 0.00	59.87 0.30 0.00	53.45 0.16 0.00
ROARING___BROOK_WT_PWR 323790	44.53 -0.27 0.00	42.17 -0.30 0.00	38.49 -0.27 0.00	39.27 -0.24 0.00	39.56 -0.16 0.00	40.59 -0.16 0.00	42.70 -0.13 0.00	46.33 0.00 0.00	49.23 0.00 0.00	49.81 0.00 0.00	51.20 -0.05 0.00	54.98 -0.05 0.00	59.46 -0.24 0.00	65.67 -0.26 0.00	67.70 -0.41 0.00	76.41 -0.46 0.00	80.64 -0.56 0.00	87.52 -0.88 0.00	82.98 -0.67 0.00	80.90 -0.49 0.00	71.91 -0.36 0.00	65.82 -0.26 0.00	59.40 -0.18 0.00	53.23 -0.05 0.00

ROCHESRG_115KV_T4 355643	45.60 0.81 0.00	43.79 1.32 0.00	39.26 0.50 0.00	39.63 0.12 0.00	39.84 0.12 0.00	40.76 0.00 0.00	43.00 0.17 0.00	45.64 -0.69 0.00	48.98 -0.25 0.00	50.16 0.35 0.00	52.23 0.97 0.00	56.30 1.27 0.00	60.83 1.13 0.00	66.53 0.59 0.00	69.13 1.02 0.00	77.17 0.31 0.00	82.18 0.97 0.00	90.34 1.94 0.00	85.74 2.09 0.00	82.12 0.73 0.00	72.49 0.22 0.00	66.81 0.73 0.00	60.41 0.83 0.00	54.46 1.17 0.00
ROCHESTER_9_IC 23652	45.91 1.12 0.00	44.08 1.61 0.00	39.50 0.74 0.00	39.86 0.36 0.00	40.07 0.36 0.00	41.00 0.24 0.00	43.21 0.39 0.00	45.91 -0.42 0.00	49.28 0.05 0.00	50.56 0.75 0.00	52.64 1.38 0.00	56.74 1.71 0.00	61.31 1.61 0.00	67.12 1.19 0.00	69.74 1.63 0.00	77.87 1.00 0.00	82.91 1.71 0.00	91.14 2.74 0.00	86.50 2.84 0.00	82.85 1.46 0.00	73.07 0.79 0.00	67.40 1.32 0.00	60.89 1.31 0.00	54.88 1.60 0.00
ROCKVIEW_13_KV_LD 356306	47.57 2.78 0.00	45.06 2.59 0.00	41.28 2.52 0.00	41.96 2.45 0.00	42.02 2.30 0.00	43.24 2.49 0.00	45.57 2.74 0.00	48.88 2.55 0.00	51.99 2.76 0.00	52.55 2.74 0.00	54.30 2.82 -0.23	58.71 3.03 -0.64	64.14 3.40 -1.03	70.90 4.02 -0.94	74.14 4.90 -1.13	83.78 6.00 -0.91	87.86 6.66 0.00	96.80 8.40 0.00	90.93 7.28 0.00	87.16 5.78 0.00	76.97 4.70 0.00	69.65 3.57 0.00	61.96 2.38 0.00	55.58 2.29 0.00
ROME____115KV_TB2 80656	47.12 2.33 0.00	44.42 1.95 0.00	40.43 1.67 0.00	41.09 1.58 0.00	41.34 1.63 0.00	42.63 1.87 0.00	44.89 2.06 0.00	48.32 1.99 0.00	51.40 2.17 0.00	52.05 2.24 0.00	53.46 2.20 0.00	57.51 2.48 0.00	62.33 2.63 0.00	68.84 2.90 0.00	71.38 3.27 0.00	80.10 3.23 0.00	84.78 3.57 0.00	93.44 5.04 0.00	88.17 4.52 0.00	86.02 4.64 0.00	76.39 4.12 0.00	69.78 3.70 0.00	62.67 3.10 0.00	55.79 2.50 0.00
ROSETON___1 23587	46.63 1.84 0.00	44.34 1.87 0.00	40.51 1.75 0.00	41.21 1.70 0.00	41.34 1.63 0.00	42.39 1.63 0.00	44.71 1.88 0.00	47.91 1.58 0.00	50.90 1.67 0.00	51.35 1.55 0.00	53.10 1.64 -0.21	57.50 1.87 -0.59	62.68 2.03 -0.95	69.17 2.37 -0.87	72.29 3.13 -1.04	81.63 3.92 -0.84	85.50 4.30 0.00	94.14 5.74 0.00	88.50 4.85 0.00	85.05 3.67 0.00	75.38 3.11 0.00	68.06 1.98 0.00	60.95 1.37 0.00	54.56 1.28 0.00
ROSETON___2 23588	46.63 1.84 0.00	44.34 1.87 0.00	40.51 1.75 0.00	41.21 1.70 0.00	41.34 1.63 0.00	42.39 1.63 0.00	44.71 1.88 0.00	47.91 1.58 0.00	50.90 1.67 0.00	51.35 1.55 0.00	53.10 1.64 -0.21	57.50 1.87 -0.59	62.68 2.03 -0.95	69.17 2.37 -0.87	72.29 3.13 -1.04	81.63 3.92 -0.84	85.50 4.30 0.00	94.14 5.74 0.00	88.50 4.85 0.00	85.05 3.67 0.00	75.38 3.11 0.00	68.06 1.98 0.00	60.95 1.37 0.00	54.56 1.28 0.00
ROTRRDAM_115KV_TB3 80664	46.09 1.30 0.00	43.66 1.19 0.00	39.88 1.12 0.00	40.69 1.19 0.00	40.83 1.11 0.00	41.94 1.18 0.00	43.99 1.16 0.00	47.35 1.02 0.00	50.31 1.08 0.00	50.76 0.95 0.00	51.87 0.77 0.15	55.43 0.83 0.43	59.90 0.90 0.69	66.43 1.12 0.63	68.78 1.43 0.76	78.10 1.84 0.61	83.23 2.03 0.00	91.49 3.09 0.00	86.58 2.93 0.00	83.91 2.52 0.00	74.51 2.24 0.00	68.13 2.05 0.00	61.07 1.49 0.00	54.51 1.23 0.00
RUSSELL___1 23602	46.23 1.43 0.00	44.30 1.83 0.00	39.69 0.93 0.00	40.06 0.55 0.00	40.27 0.56 0.00	41.21 0.45 0.00	43.43 0.60 0.00	46.19 -0.14 0.00	49.57 0.34 0.00	50.86 1.05 0.00	52.99 1.74 0.00	57.13 2.09 0.00	61.79 2.09 0.00	67.65 1.71 0.00	70.29 2.18 0.00	78.40 1.54 0.00	83.40 2.19 0.00	91.85 3.45 0.00	87.17 3.51 0.00	83.42 2.03 0.00	73.57 1.30 0.00	67.93 1.85 0.00	61.30 1.73 0.00	55.26 1.97 0.00
RUSSELL___2 23532	46.23 1.43 0.00	44.30 1.83 0.00	39.69 0.93 0.00	40.06 0.55 0.00	40.27 0.56 0.00	41.21 0.45 0.00	43.43 0.60 0.00	46.19 -0.14 0.00	49.57 0.34 0.00	50.86 1.05 0.00	52.99 1.74 0.00	57.13 2.09 0.00	61.79 2.09 0.00	67.65 1.71 0.00	70.29 2.18 0.00	78.40 1.54 0.00	83.40 2.19 0.00	91.85 3.45 0.00	87.17 3.51 0.00	83.42 2.03 0.00	73.57 1.30 0.00	67.93 1.85 0.00	61.30 1.73 0.00	55.26 1.97 0.00
RUSSELL___3 23549	46.23 1.43 0.00	44.30 1.83 0.00	39.69 0.93 0.00	40.06 0.55 0.00	40.27 0.56 0.00	41.21 0.45 0.00	43.43 0.60 0.00	46.19 -0.14 0.00	49.57 0.34 0.00	50.86 1.05 0.00	52.99 1.74 0.00	57.13 2.09 0.00	61.79 2.09 0.00	67.65 1.71 0.00	70.29 2.18 0.00	78.40 1.54 0.00	83.40 2.19 0.00	91.85 3.45 0.00	87.17 3.51 0.00	83.42 2.03 0.00	73.57 1.30 0.00	67.93 1.85 0.00	61.30 1.73 0.00	55.26 1.97 0.00
RUSSELL___4 23556	46.23 1.43 0.00	44.30 1.83 0.00	39.69 0.93 0.00	40.06 0.55 0.00	40.27 0.56 0.00	41.21 0.45 0.00	43.43 0.60 0.00	46.19 -0.14 0.00	49.57 0.34 0.00	50.86 1.05 0.00	52.99 1.74 0.00	57.13 2.09 0.00	61.79 2.09 0.00	67.65 1.71 0.00	70.29 2.18 0.00	78.40 1.54 0.00	83.40 2.19 0.00	91.85 3.45 0.00	87.17 3.51 0.00	83.42 2.03 0.00	73.57 1.30 0.00	67.93 1.85 0.00	61.30 1.73 0.00	55.26 1.97 0.00
RUSSELL___STATION 23914	46.23 1.43 0.00	44.30 1.83 0.00	39.69 0.93 0.00	40.06 0.55 0.00	40.27 0.56 0.00	41.21 0.45 0.00	43.43 0.60 0.00	46.19 -0.14 0.00	49.57 0.34 0.00	50.86 1.05 0.00	52.99 1.74 0.00	57.13 2.09 0.00	61.79 2.09 0.00	67.65 1.71 0.00	70.29 2.18 0.00	78.40 1.54 0.00	83.40 2.19 0.00	91.85 3.45 0.00	87.17 3.51 0.00	83.42 2.03 0.00	73.57 1.30 0.00	67.93 1.85 0.00	61.30 1.73 0.00	55.26 1.97 0.00
S SALMON___HYD 24043	45.42 0.63 0.00	42.89 0.42 0.00	39.07 0.31 0.00	39.71 0.20 0.00	39.92 0.20 0.00	41.08 0.32 0.00	43.21 0.38 0.00	46.52 0.19 0.00	49.77 0.15 -0.39	51.26 0.25 -1.20	52.13 0.26 -0.62	56.45 0.11 -1.30	61.99 0.12 -2.17	69.24 0.07 -3.24	68.38 0.27 0.00	76.87 0.00 0.00	81.37 0.16 0.00	89.19 0.79 0.00	84.49 0.84 0.00	84.60 0.90 -2.32	73.14 0.87 0.00	67.81 0.59 -1.14	60.56 0.72 -0.26	53.82 0.53 0.00
S.PERRY__115KV_TB1 80734	47.84 3.05 0.00	45.82 3.36 0.00	41.01 2.25 0.00	41.33 1.82 0.00	41.58 1.87 0.00	42.59 1.83 0.00	44.84 2.01 0.00	47.21 0.88 0.00	50.31 1.08 0.00	51.30 1.49 0.00	53.25 2.00 0.00	57.57 2.53 0.00	60.18 0.48 0.00	65.81 -0.13 0.00	68.52 0.41 0.00	76.48 -0.38 0.00	81.61 0.41 0.00	90.43 2.03 0.00	86.66 3.01 0.00	83.74 2.36 0.00	74.29 2.02 0.00	68.52 2.44 0.00	61.78 2.20 0.00	57.44 4.16 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	45.82 1.03 0.00	44.38 1.91 0.00	39.54 0.78 0.00	39.67 0.16 0.00	39.91 0.20 0.00	40.72 -0.04 0.00	43.04 0.21 0.00	44.94 -1.39 0.00	48.64 -0.59 0.00	50.06 0.25 0.00	52.33 1.08 0.00	56.74 1.71 0.00	61.07 1.37 0.00	66.33 0.40 0.00	68.65 0.54 0.00	76.25 -0.61 0.00	81.77 0.57 0.00	89.73 1.33 0.00	85.24 1.59 0.00	81.06 -0.33 0.00	71.40 -0.87 0.00	66.01 -0.07 0.00	60.17 0.60 0.00	54.73 1.44 0.00

SAWYER___23_KV_LOAD 55526	45.82 1.03 0.00	44.38 1.91 0.00	39.54 0.78 0.00	39.67 0.16 0.00	39.91 0.20 0.00	40.72 -0.04 0.00	43.04 0.21 0.00	44.94 -1.39 0.00	48.64 -0.59 0.00	50.06 0.25 0.00	52.33 1.08 0.00	56.74 1.71 0.00	61.07 1.37 0.00	66.33 0.40 0.00	68.65 0.54 0.00	76.25 -0.61 0.00	81.77 0.57 0.00	89.73 1.33 0.00	85.24 1.59 0.00	81.06 -0.33 0.00	71.40 -0.87 0.00	66.01 -0.07 0.00	60.17 0.60 0.00	54.73 1.44 0.00
SELKIRK___I 23801	44.53 -0.27 0.00	42.20 -0.25 0.02	39.38 0.62 0.00	40.18 0.67 0.00	40.35 0.63 0.00	41.37 0.61 0.00	40.42 -0.26 2.16	42.76 -0.51 3.06	44.79 -0.59 3.85	45.00 -0.85 3.96	45.86 -0.98 4.42	48.40 -1.05 5.59	51.51 -1.19 6.99	56.04 -1.18 8.71	57.76 -0.89 9.46	64.23 -0.77 11.87	67.67 -0.73 12.80	85.71 0.00 2.69	82.20 -0.17 1.29	80.45 -0.40 0.52	71.91 -0.36 0.00	65.55 -0.53 0.00	58.92 -0.65 0.00	52.54 -0.75 0.00
SELKIRK___II 23799	44.84 0.04 0.00	42.45 0.04 0.06	38.95 0.19 0.00	39.75 0.24 0.00	39.92 0.20 0.00	40.96 0.20 0.00	35.11 0.09 7.81	35.11 -0.14 11.08	35.11 -0.20 13.92	35.11 -0.35 14.35	35.11 -0.41 15.73	35.11 -0.44 19.49	35.11 -0.48 24.11	35.11 -0.39 30.43	35.11 -0.07 32.93	35.11 0.15 41.91	0.24 0.24 46.34	0.97 0.67 9.72	0.67 0.16 4.67	0.16 0.22 1.90	0.22 -0.13 0.00	-0.13 -0.36 0.00	59.22 -0.43 0.00	52.86 -0.43 0.00
SENECA OSWGO___HYD 24041	44.53 -0.27 0.00	42.22 -0.25 0.00	38.41 -0.35 0.00	39.08 -0.43 0.00	39.28 -0.44 0.00	40.31 -0.45 0.00	42.36 -0.47 0.00	45.64 -0.69 0.00	49.09 -0.74 -0.60	51.07 -0.60 -1.85	51.69 -0.51 -0.95	56.39 -0.66 -2.01	62.45 -0.60 -3.34	70.21 -0.72 -4.99	67.70 -0.41 0.00	76.17 -0.69 0.00	80.72 -0.48 0.00	88.40 0.00 0.00	83.57 -0.08 0.00	84.47 -0.49 -3.57	71.84 -0.43 0.00	67.23 -0.60 -1.75	59.45 -0.54 -0.41	52.81 -0.48 0.00
SENECA___115KV_TB3 355854	46.27 1.48 0.00	44.76 2.29 0.00	39.88 1.12 0.00	40.02 0.51 0.00	40.27 0.56 0.00	41.08 0.33 0.00	43.47 0.64 0.00	45.41 -0.93 0.00	49.18 -0.05 0.00	50.61 0.80 0.00	52.89 1.64 0.00	57.40 2.37 0.00	61.85 2.15 0.00	67.19 1.25 0.00	69.47 1.36 0.00	77.25 0.38 0.00	82.91 1.71 0.00	90.87 2.48 0.00	86.25 2.59 0.00	82.03 0.65 0.00	72.20 -0.07 0.00	66.74 0.66 0.00	60.83 1.25 0.00	55.31 2.02 0.00
SENECA___ENERGY 23797	45.64 0.85 0.00	43.32 0.85 0.00	39.30 0.54 0.00	39.86 0.35 0.00	40.03 0.32 0.00	41.12 0.37 0.00	43.26 0.43 0.00	46.42 0.09 0.00	49.60 0.20 -0.17	50.78 0.45 -0.52	52.24 0.72 -0.27	56.43 0.83 -0.56	61.59 0.95 -0.94	68.19 0.85 -1.40	69.47 1.36 0.00	77.79 0.93 0.00	82.74 1.54 0.00	90.69 2.29 0.00	85.99 2.34 0.00	83.93 1.54 -1.00	73.57 1.30 0.00	67.50 0.92 -0.49	60.64 0.95 -0.11	54.25 0.96 0.00
SHOEMAKER___GT 23640	46.63 1.84 0.00	44.25 1.78 0.00	40.43 1.67 0.00	41.13 1.62 0.00	41.22 1.51 0.00	42.34 1.59 0.00	44.59 1.76 0.00	47.81 1.48 0.00	50.76 1.53 0.00	51.30 1.49 0.00	52.98 1.54 -0.19	57.33 1.76 -0.53	62.52 1.97 -0.86	68.96 2.24 -0.78	71.97 2.93 -0.94	81.31 3.69 -0.76	85.18 3.98 0.00	93.88 5.48 0.00	88.33 4.68 0.00	85.05 3.67 0.00	75.45 3.18 0.00	68.19 2.11 0.00	61.19 1.61 0.00	54.73 1.44 0.00
SHOEMAKR_138KV_BK 111 55601	46.58 1.79 0.00	44.17 1.70 0.00	40.43 1.67 0.00	41.13 1.62 0.00	41.23 1.51 0.00	42.39 1.63 0.00	44.59 1.76 0.00	47.81 1.48 0.00	50.80 1.58 0.00	51.40 1.59 0.00	52.98 1.54 -0.19	57.22 1.65 -0.53	62.46 1.91 -0.85	69.02 2.31 -0.77	71.96 2.93 -0.93	81.23 3.61 -0.75	85.18 3.98 0.00	93.79 5.39 0.00	88.34 4.68 0.00	85.05 3.66 0.00	75.38 3.11 0.00	68.46 2.38 0.00	61.07 1.49 0.00	54.73 1.44 0.00
SHOREHAM_IC_1 23715	46.99 2.19 0.00	45.32 2.85 0.00	41.79 3.03 0.00	42.27 2.76 0.00	42.30 2.58 0.00	43.12 2.36 0.00	44.84 2.01 0.00	46.58 0.88 0.63	47.32 1.04 2.95	48.35 1.00 2.46	50.44 1.23 2.04	57.41 2.14 -0.23	63.03 2.98 -0.34	70.97 4.09 -0.94	76.15 5.65 -2.39	86.52 6.99 -2.66	122.04 7.47 -33.37	194.53 9.90 -96.23	165.09 8.70 -72.74	87.67 6.27 -0.02	76.71 4.63 0.19	68.13 2.05 0.00	51.05 0.54 9.06	47.82 0.59 6.06
SHOREHAM_IC_2 23716	46.49 1.70 0.00	44.64 2.17 0.00	41.78 3.02 0.00	42.28 2.77 0.00	42.26 2.54 0.00	43.61 2.85 0.00	44.80 1.97 0.00	46.58 0.88 0.63	47.36 1.08 2.95	48.40 1.05 2.46	50.34 1.13 2.04	57.19 1.93 -0.23	62.67 2.63 -0.34	70.97 4.09 -0.94	76.15 5.65 -2.39	86.36 6.84 -2.66	122.13 7.55 -33.37	194.44 9.81 -96.23	165.09 8.70 -72.74	87.66 6.27 -0.02	76.63 4.55 0.19	68.46 2.38 0.00	50.99 0.48 9.06	47.82 0.59 6.06
SISSONVILLE____ 23735	44.84 0.04 0.00	42.38 -0.08 0.00	38.68 -0.08 0.00	39.47 -0.04 0.00	39.87 0.16 0.00	40.92 0.16 0.00	43.09 0.26 0.00	47.21 0.88 0.00	49.92 0.69 0.00	50.41 0.60 0.00	51.87 0.62 0.00	55.53 0.50 0.00	60.18 0.48 0.00	66.07 0.13 0.00	66.81 -1.29 0.00	75.18 -1.69 0.00	79.17 -2.03 0.00	84.07 -4.33 0.00	80.72 -2.93 0.00	80.24 -1.14 0.00	71.40 -0.87 0.00	65.68 -0.40 0.00	59.99 0.42 0.00	53.87 0.59 0.00
SITHE_IND_GS1 24169	43.90 -0.90 0.00	41.62 -0.85 0.00	37.91 -0.85 0.00	38.56 -0.95 0.00	38.76 -0.95 0.00	39.78 -0.98 0.00	41.80 -1.03 0.00	45.03 -1.30 0.00	45.70 -1.43 2.10	42.03 -1.30 6.48	46.65 -1.28 3.32	46.65 -1.37 7.01	46.58 -1.43 11.69	46.83 -1.65 17.46	66.61 -1.50 0.00	74.95 -1.92 0.00	79.42 -1.79 0.00	86.81 -1.59 0.00	82.15 -1.50 0.00	67.03 -1.87 12.49	70.61 -1.66 0.00	58.31 -1.65 6.12	56.72 -1.43 1.43	52.01 -1.28 0.00
SITHE_IND_GS2 24170	43.90 -0.90 0.00	41.62 -0.85 0.00	37.91 -0.85 0.00	38.56 -0.95 0.00	38.76 -0.95 0.00	39.78 -0.98 0.00	41.80 -1.03 0.00	45.03 -1.30 0.00	45.70 -1.43 2.10	42.03 -1.30 6.48	46.65 -1.28 3.32	46.65 -1.37 7.01	46.58 -1.43 11.69	46.83 -1.65 17.46	66.61 -1.50 0.00	74.95 -1.92 0.00	79.42 -1.79 0.00	86.81 -1.59 0.00	82.15 -1.50 0.00	67.03 -1.87 12.49	70.61 -1.66 0.00	58.31 -1.65 6.12	56.72 -1.43 1.43	52.01 -1.28 0.00
SITHE_IND_GS3 24171	43.90 -0.90 0.00	41.62 -0.85 0.00	37.91 -0.85 0.00	38.56 -0.95 0.00	38.76 -0.95 0.00	39.78 -0.98 0.00	41.80 -1.03 0.00	45.03 -1.30 0.00	45.70 -1.43 2.10	42.03 -1.30 6.48	46.65 -1.28 3.32	46.65 -1.37 7.01	46.58 -1.43 11.69	46.83 -1.65 17.46	66.61 -1.50 0.00	74.95 -1.92 0.00	79.42 -1.79 0.00	86.81 -1.59 0.00	82.15 -1.50 0.00	67.03 -1.87 12.49	70.61 -1.66 0.00	58.31 -1.65 6.12	56.72 -1.43 1.43	52.01 -1.28 0.00
SITHE_IND_GS4 24172	43.90 -0.90 0.00	41.62 -0.85 0.00	37.91 -0.85 0.00	38.56 -0.95 0.00	38.76 -0.95 0.00	39.78 -0.98 0.00	41.80 -1.03 0.00	45.03 -1.30 0.00	45.70 -1.43 2.10	42.03 -1.30 6.48	46.65 -1.28 3.32	46.65 -1.37 7.01	46.58 -1.43 11.69	46.83 -1.65 17.46	66.61 -1.50 0.00	74.95 -1.92 0.00	79.42 -1.79 0.00	86.81 -1.59 0.00	82.15 -1.50 0.00	67.03 -1.87 12.49	70.61 -1.66 0.00	58.31 -1.65 6.12	56.72 -1.43 1.43	52.01 -1.28 0.00

SITHE___BATAVIA 24024	46.94 2.15 0.00	44.89 2.42 0.00	40.31 1.55 0.00	40.53 1.03 0.00	40.79 1.07 0.00	41.70 0.94 0.00	43.99 1.16 0.00	46.10 -0.23 0.00	49.48 0.25 0.00	51.00 1.19 0.00	53.15 1.90 0.00	57.08 2.04 0.00	62.03 2.33 0.00	67.59 1.65 0.00	70.42 2.32 0.00	77.79 0.93 0.00	83.88 2.68 0.00	92.38 3.98 0.00	87.67 4.02 0.00	83.66 2.28 0.00	73.79 1.52 0.00	67.40 1.32 0.00	61.84 2.26 0.00	56.00 2.72 0.00
SITHE___INDEPEND 23800	43.90 -0.90 0.00	41.66 -0.81 0.00	37.91 -0.85 0.00	38.56 -0.95 0.00	38.76 -0.95 0.00	39.78 -0.98 0.00	41.80 -1.03 0.00	45.03 -1.30 0.00	45.75 -1.38 2.10	42.03 -1.30 6.48	46.70 -1.23 3.32	46.76 -1.27 7.01	46.58 -1.43 11.69	46.83 -1.65 17.46	66.61 -1.50 0.00	74.95 -1.92 0.00	79.34 -1.87 0.00	86.81 -1.59 0.00	82.15 -1.51 0.00	67.02 -1.87 12.49	70.54 -1.73 0.00	58.43 -1.52 6.12	56.72 -1.43 1.43	52.01 -1.28 0.00
SITHE___MASSENA 23902	44.57 -0.22 0.00	42.22 -0.25 0.00	38.57 -0.19 0.00	39.35 -0.16 0.00	39.76 0.04 0.00	40.72 -0.04 0.00	42.83 0.00 0.00	46.89 0.56 0.00	49.77 0.54 0.00	50.31 0.50 0.00	51.66 0.41 0.00	55.43 0.39 0.00	60.00 0.30 0.00	66.20 0.26 0.00	67.49 -0.61 0.00	76.25 -0.62 0.00	80.23 -0.97 0.00	85.30 -3.10 0.00	82.06 -1.59 0.00	80.90 -0.49 0.00	71.84 -0.43 0.00	66.34 0.27 0.00	60.05 0.47 0.00	53.76 0.48 0.00
SITHE___OGDNSBRG 24021	45.38 0.58 0.00	42.89 0.42 0.00	39.15 0.39 0.00	39.94 0.43 0.00	40.39 0.68 0.00	41.41 0.65 0.00	43.60 0.77 0.00	47.63 1.30 0.00	50.31 1.08 0.00	50.71 0.90 0.00	52.02 0.77 0.00	55.75 0.72 0.00	60.42 0.72 0.00	66.53 0.59 0.00	67.63 -0.48 0.00	76.33 -0.54 0.00	80.39 -0.81 0.00	85.48 -2.92 0.00	82.23 -1.42 0.00	82.03 0.65 0.00	73.14 0.87 0.00	67.14 1.06 0.00	61.19 1.61 0.00	54.78 1.49 0.00
SITHE___STERLING 23777	46.54 1.75 0.00	44.00 1.53 0.00	40.08 1.32 0.00	40.74 1.23 0.00	40.95 1.23 0.00	42.14 1.39 0.00	44.33 1.50 0.00	47.72 1.39 0.00	50.76 1.53 0.00	51.40 1.59 0.00	52.89 1.64 0.00	56.85 1.81 0.00	61.73 2.03 0.00	68.11 2.17 0.00	70.69 2.59 0.00	79.40 2.53 0.00	84.12 2.92 0.00	92.47 4.07 0.00	87.25 3.59 0.00	84.96 3.58 0.00	75.45 3.18 0.00	68.72 2.65 0.00	61.90 2.32 0.00	55.20 1.92 0.00
SLEIGHT__34_KV_TB1 80719	45.46 0.67 0.00	43.40 0.93 0.00	39.07 0.31 0.00	39.55 0.04 0.00	39.76 0.04 0.00	40.76 0.00 0.00	42.92 0.09 0.00	45.91 -0.42 0.00	49.27 -0.05 -0.09	50.47 0.40 -0.26	52.26 0.87 -0.14	56.48 1.16 -0.29	61.31 1.13 -0.48	67.51 0.86 -0.71	69.40 1.29 0.00	77.79 0.92 0.00	82.58 1.38 0.00	90.79 2.39 0.00	86.08 2.43 0.00	83.20 1.30 -0.51	73.07 0.79 0.00	67.39 1.06 -0.25	60.53 0.89 -0.06	54.25 0.96 0.00
SMITHTWN_69_KV_BK 1 55830	46.90 2.11 0.00	45.02 2.55 0.00	42.17 3.41 0.00	42.67 3.16 0.00	42.69 2.98 0.00	44.06 3.30 0.00	45.27 2.44 0.00	47.10 1.39 0.63	47.87 1.58 2.93	48.96 1.59 2.45	50.71 1.69 2.23	57.36 2.48 0.16	62.45 3.04 0.29	71.09 4.48 -0.67	76.23 5.99 -2.13	86.42 7.23 -2.32	191.01 7.88 -101.92	328.91 10.17 -230.34	265.93 8.95 -173.33	87.76 6.51 0.13	76.67 4.77 0.37	68.79 2.71 0.00	51.51 0.95 9.02	48.29 1.07 6.07
SOUTH CAIRO___GT 23612	46.27 1.48 0.00	43.81 1.36 0.02	40.08 1.32 0.00	40.81 1.30 0.00	40.95 1.23 0.00	42.14 1.39 0.00	41.54 1.46 2.74	43.64 1.20 3.90	45.47 1.13 4.89	45.66 0.90 5.05	46.26 0.56 5.56	48.60 0.50 6.93	51.75 0.66 8.61	56.17 1.05 10.82	57.81 1.43 11.72	64.01 2.00 14.85	67.43 2.52 16.29	89.40 4.42 3.42	86.44 4.43 1.64	84.79 4.07 0.67	75.45 3.18 0.00	68.99 2.91 0.00	61.78 2.20 0.00	54.94 1.65 0.00
SOUTH HAMPTN___IC 23720	48.11 3.31 0.00	46.33 3.86 0.00	42.72 3.96 0.00	43.18 3.67 0.00	43.21 3.50 0.00	44.06 3.30 0.00	45.83 3.00 0.00	47.69 1.99 0.63	48.59 2.31 2.95	49.74 2.39 2.46	52.05 2.82 2.02	59.27 3.96 -0.26	65.12 5.02 -0.40	73.27 6.39 -0.94	78.59 8.10 -2.38	89.26 9.76 -2.63	118.72 10.40 -27.12	186.13 13.17 -84.56	159.34 11.71 -63.97	90.51 9.11 -0.01	79.04 6.94 0.17	70.11 4.03 0.00	52.76 2.26 9.08	49.36 2.13 6.06
SOUTHDOW_115KV_TB1 355954	47.61 2.82 0.00	45.95 3.48 0.00	40.89 2.13 0.00	41.01 1.50 0.00	41.30 1.59 0.00	42.22 1.47 0.00	44.84 2.01 0.00	47.07 0.74 0.00	51.05 1.82 0.00	52.50 2.69 0.00	54.94 3.69 0.00	59.55 4.51 0.00	63.94 4.24 0.00	69.56 3.63 0.00	71.78 3.68 0.00	79.94 3.07 0.00	85.67 4.47 0.00	93.88 5.48 0.00	88.92 5.27 0.00	84.64 3.26 0.00	74.51 2.24 0.00	68.79 2.71 0.00	62.67 3.10 0.00	57.07 3.78 0.00
SOUTHOLD_69_KV_BK 2 55809	48.91 4.12 0.00	46.89 4.42 0.00	43.76 5.00 0.00	44.21 4.70 0.00	44.20 4.49 0.00	45.57 4.81 0.00	46.90 4.07 0.00	48.90 3.20 0.63	50.07 3.79 2.95	51.38 4.03 2.46	53.74 4.51 2.02	61.13 5.83 -0.26	66.97 6.87 -0.40	75.78 8.90 -0.94	81.18 10.69 -2.38	92.18 12.68 -2.63	122.25 13.80 -27.24	189.96 16.80 -84.76	163.09 15.31 -64.13	93.85 12.45 -0.01	81.64 9.54 0.17	72.88 6.81 0.00	54.67 4.17 9.08	51.06 3.84 6.06
SOUTHOLD___IC 23719	49.41 4.61 0.00	47.52 5.05 0.00	43.76 5.00 0.00	44.21 4.70 0.00	44.24 4.53 0.00	45.08 4.32 0.00	46.94 4.11 0.00	48.90 3.19 0.63	49.97 3.69 2.95	51.28 3.93 2.46	53.74 4.51 2.02	61.25 5.95 -0.26	67.38 7.28 -0.40	75.78 8.90 -0.94	81.24 10.76 -2.38	92.34 12.84 -2.63	122.25 13.80 -27.24	190.06 16.89 -84.77	163.10 15.31 -64.13	93.76 12.37 -0.01	81.71 9.61 0.17	72.42 6.34 0.00	54.73 4.23 9.08	51.07 3.84 6.06
SOUTH_FORK_WT_PWR 323839	49.63 4.84 0.00	47.78 5.31 0.00	43.96 5.20 0.00	44.45 4.94 0.00	44.44 4.72 0.00	45.28 4.52 0.00	47.11 4.28 0.00	49.08 3.38 0.63	50.26 3.99 2.95	51.58 4.23 2.46	54.10 4.87 2.02	61.63 6.33 -0.26	67.75 7.64 -0.40	76.18 9.30 -0.94	81.72 11.23 -2.38	92.87 13.37 -2.63	122.68 14.30 -27.18	190.56 17.51 -84.66	163.52 15.82 -64.05	94.34 12.94 -0.01	82.07 9.98 0.17	72.75 6.67 0.00	55.03 4.53 9.08	51.39 4.16 6.06
SPIERFLS_115KV_TB 1 80737	46.67 1.88 0.00	44.00 1.53 0.00	40.19 1.43 0.00	40.85 1.34 0.00	41.11 1.39 0.00	42.27 1.51 0.00	44.24 1.41 0.00	47.63 1.30 0.00	50.76 1.53 0.00	51.15 1.34 0.00	51.67 0.62 0.19	55.15 0.66 0.55	59.35 0.54 0.88	65.86 0.73 0.80	68.09 0.95 0.97	77.70 1.61 0.78	83.07 1.87 0.00	91.85 3.45 0.00	87.75 4.10 0.00	85.13 3.74 0.00	76.03 3.76 0.00	69.65 3.57 0.00	62.32 2.74 0.00	55.36 2.08 0.00
ST LAWRENCE____ 23600	44.07 -0.72 0.00	41.75 -0.72 0.00	38.10 -0.66 0.00	38.88 -0.63 0.00	39.24 -0.47 0.00	40.27 -0.49 0.00	42.36 -0.47 0.00	46.29 -0.05 0.00	49.13 -0.10 0.00	49.66 -0.15 0.00	51.05 -0.20 0.00	54.71 -0.33 0.00	59.29 -0.41 0.00	65.48 -0.46 0.00	66.95 -1.16 0.00	75.72 -1.15 0.00	79.66 -1.55 0.00	85.48 -2.92 0.00	81.48 -2.18 0.00	80.08 -1.31 0.00	71.11 -1.16 0.00	65.55 -0.53 0.00	59.28 -0.30 0.00	53.02 -0.27 0.00

STATE_CA_115KV_115_LB 55624	45.42 0.63 0.00	42.98 0.51 0.00	39.34 0.58 0.00	40.10 0.59 0.00	40.27 0.56 0.00	41.37 0.61 0.00	43.39 0.56 0.00	46.70 0.37 0.00	49.67 0.44 0.00	50.16 0.35 0.00	51.22 0.15 0.18	54.69 0.17 0.51	59.05 0.18 0.83	65.58 0.40 0.75	67.95 0.75 0.91	77.21 1.08 0.73	82.50 1.30 0.00	90.79 2.39 0.00	85.66 2.01 0.00	82.85 1.46 0.00	73.50 1.23 0.00	67.14 1.06 0.00	60.05 0.48 0.00	53.61 0.32 0.00
STATE_ST_34_KV_LOAD 55959	45.69 0.90 0.00	43.40 0.93 0.00	39.34 0.58 0.00	39.94 0.43 0.00	40.11 0.40 0.00	41.21 0.45 0.00	43.30 0.47 0.00	46.61 0.28 0.00	49.91 0.49 -0.19	51.03 0.65 -0.58	52.32 0.77 -0.30	56.65 0.99 -0.62	61.75 1.01 -1.04	68.48 0.99 -1.55	69.47 1.36 0.00	78.10 1.23 0.00	82.83 1.62 0.00	90.87 2.48 0.00	86.16 2.51 0.00	84.28 1.79 -1.11	73.72 1.45 0.00	68.08 1.45 -0.54	60.72 1.01 -0.13	54.19 0.91 0.00
STATION_5_MISC_HYD 23604	45.91 1.12 0.00	43.79 1.32 0.00	39.49 0.73 0.00	39.86 0.35 0.00	40.07 0.36 0.00	41.04 0.29 0.00	43.21 0.38 0.00	45.91 -0.42 0.00	49.23 0.00 0.00	50.51 0.70 0.00	52.53 1.28 0.00	56.41 1.38 0.00	61.31 1.61 0.00	67.13 1.19 0.00	69.87 1.77 0.00	77.64 0.77 0.00	83.15 1.95 0.00	91.31 2.91 0.00	86.50 2.85 0.00	82.85 1.47 0.00	73.21 0.94 0.00	66.87 0.80 0.00	60.89 1.31 0.00	54.88 1.60 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.73 0.94 0.00	43.74 1.27 0.00	39.34 0.58 0.00	39.79 0.28 0.00	39.99 0.28 0.00	41.00 0.24 0.00	43.17 0.34 0.00	46.15 -0.19 0.00	49.41 0.10 -0.08	50.66 0.60 -0.25	52.46 1.08 -0.13	56.68 1.38 -0.27	61.46 1.31 -0.45	67.60 0.99 -0.67	69.54 1.43 0.00	77.87 1.00 0.00	82.83 1.62 0.00	90.96 2.56 0.00	86.33 2.68 0.00	83.49 1.63 -0.48	73.35 1.08 0.00	67.64 1.32 -0.24	60.76 1.13 -0.06	54.57 1.28 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.64 0.85 0.00	43.74 1.27 0.00	39.23 0.47 0.00	39.63 0.12 0.00	39.84 0.12 0.00	40.76 0.00 0.00	42.96 0.13 0.00	45.73 -0.60 0.00	49.03 -0.20 0.00	50.26 0.45 0.00	52.33 1.08 0.00	56.41 1.38 0.00	61.01 1.31 0.00	66.79 0.86 0.00	69.40 1.29 0.00	77.56 0.69 0.00	82.58 1.38 0.00	90.79 2.39 0.00	86.08 2.43 0.00	82.52 1.14 0.00	72.78 0.51 0.00	67.00 0.93 0.00	60.53 0.95 0.00	54.51 1.23 0.00
STA_56___34_KV_BUS2 355983	45.64 0.85 0.00	43.74 1.27 0.00	39.23 0.47 0.00	39.63 0.12 0.00	39.84 0.12 0.00	40.76 0.00 0.00	42.96 0.13 0.00	45.73 -0.60 0.00	49.03 -0.20 0.00	50.26 0.45 0.00	52.33 1.08 0.00	56.41 1.38 0.00	61.01 1.31 0.00	66.79 0.86 0.00	69.40 1.29 0.00	77.56 0.69 0.00	82.58 1.38 0.00	90.79 2.39 0.00	86.08 2.43 0.00	82.52 1.14 0.00	72.78 0.51 0.00	67.00 0.93 0.00	60.53 0.95 0.00	54.51 1.23 0.00
STA_67___115KV_BK2 355882	45.82 1.03 0.00	43.96 1.49 0.00	39.38 0.62 0.00	39.79 0.28 0.00	39.99 0.28 0.00	40.92 0.16 0.00	43.13 0.30 0.00	45.82 -0.51 0.00	49.18 -0.05 0.00	50.41 0.60 0.00	52.48 1.23 0.00	56.58 1.54 0.00	61.13 1.43 0.00	66.86 0.92 0.00	69.47 1.36 0.00	77.56 0.69 0.00	82.58 1.38 0.00	90.87 2.48 0.00	86.16 2.51 0.00	82.52 1.14 0.00	72.85 0.58 0.00	67.14 1.06 0.00	60.65 1.07 0.00	54.73 1.44 0.00
STA_7___115KV_9TRANS 80674	46.23 1.43 0.00	44.30 1.83 0.00	39.69 0.93 0.00	40.06 0.55 0.00	40.27 0.56 0.00	41.21 0.45 0.00	43.43 0.60 0.00	46.19 -0.14 0.00	49.57 0.34 0.00	50.86 1.05 0.00	52.99 1.74 0.00	57.13 2.09 0.00	61.79 2.09 0.00	67.65 1.71 0.00	70.29 2.18 0.00	78.40 1.54 0.00	83.40 2.19 0.00	91.85 3.45 0.00	87.17 3.51 0.00	83.42 2.03 0.00	73.57 1.30 0.00	67.93 1.85 0.00	61.30 1.73 0.00	55.26 1.97 0.00
STA_82___115KV_TB1 80780	45.82 1.03 0.00	43.96 1.49 0.00	39.42 0.66 0.00	39.79 0.28 0.00	39.99 0.28 0.00	40.92 0.16 0.00	43.13 0.30 0.00	45.82 -0.51 0.00	49.18 -0.05 0.00	50.41 0.60 0.00	52.48 1.23 0.00	56.58 1.54 0.00	61.13 1.43 0.00	66.93 0.99 0.00	69.47 1.36 0.00	77.64 0.77 0.00	82.67 1.46 0.00	90.87 2.48 0.00	86.25 2.59 0.00	82.60 1.22 0.00	72.92 0.65 0.00	67.14 1.06 0.00	60.71 1.13 0.00	54.73 1.44 0.00
STEEL___WIND 323596	46.18 1.39 0.00	44.25 1.78 0.00	39.84 1.08 0.00	39.99 0.48 0.00	40.23 0.51 0.00	41.08 0.32 0.00	43.43 0.60 0.00	45.41 -0.93 0.00	49.03 -0.20 0.00	50.56 0.75 0.00	52.68 1.43 0.00	56.80 1.76 0.00	61.73 2.03 0.00	67.13 1.19 0.00	69.67 1.57 0.00	76.87 0.00 0.00	83.23 2.03 0.00	90.96 2.57 0.00	86.08 2.43 0.00	81.87 0.49 0.00	72.27 0.00 0.00	65.82 -0.26 0.00	60.83 1.25 0.00	55.26 1.97 0.00
STEPHTWN_115KV_BK_2 55603	45.55 0.76 0.00	43.06 0.59 0.00	39.42 0.66 0.00	40.18 0.67 0.00	40.35 0.64 0.00	41.49 0.73 0.00	43.51 0.69 0.00	46.84 0.51 0.00	49.87 0.64 0.00	50.31 0.50 0.00	51.38 0.31 0.18	54.81 0.28 0.50	59.26 0.36 0.80	65.87 0.66 0.73	68.18 0.95 0.88	77.54 1.38 0.71	82.83 1.62 0.00	91.23 2.83 0.00	86.08 2.43 0.00	83.25 1.87 0.00	73.86 1.59 0.00	67.47 1.39 0.00	60.41 0.83 0.00	53.82 0.53 0.00
STEUBEN_REC_LFGE 323667	47.30 2.51 0.00	45.36 2.89 0.00	40.62 1.86 0.00	40.93 1.42 0.00	41.15 1.43 0.00	42.22 1.47 0.00	44.46 1.63 0.00	46.93 0.60 0.00	50.26 1.03 0.00	51.30 1.49 0.00	53.40 2.15 0.00	57.90 2.86 0.00	62.27 2.57 0.00	68.11 2.18 0.00	70.76 2.66 0.00	78.94 2.08 0.00	84.29 3.09 0.00	92.73 4.33 0.00	88.42 4.77 0.00	84.88 3.50 0.00	75.23 2.96 0.00	69.32 3.24 0.00	62.56 2.98 0.00	56.70 3.41 0.00
STILLWATER___SOLAR 323814	46.85 2.06 0.00	44.29 1.82 0.00	40.43 1.67 0.00	41.17 1.66 0.00	41.38 1.67 0.00	42.51 1.75 0.00	44.59 1.76 0.00	47.95 1.62 0.00	50.95 1.72 0.00	51.30 1.49 0.00	52.22 1.18 0.21	55.70 1.27 0.61	59.98 1.26 0.98	66.56 1.52 0.89	68.94 1.90 1.07	78.53 2.53 0.87	84.04 2.84 0.00	92.82 4.42 0.00	88.00 4.35 0.00	85.29 3.91 0.00	76.03 3.76 0.00	69.32 3.24 0.00	62.26 2.68 0.00	55.42 2.13 0.00
STONY___BROOK 24151	47.34 2.55 0.00	45.66 3.19 0.00	42.13 3.37 0.00	42.67 3.16 0.00	42.70 2.98 0.00	43.53 2.77 0.00	45.27 2.44 0.00	47.05 1.34 0.63	47.77 1.48 2.94	48.80 1.45 2.45	50.72 1.59 2.12	57.58 2.48 -0.06	62.93 3.16 -0.07	71.10 4.22 -0.94	76.32 5.79 -2.42	86.65 7.07 -2.71	151.61 7.47 -62.94	251.79 9.90 -153.49	207.96 8.62 -115.69	87.59 6.18 -0.03	76.63 4.63 0.27	68.19 2.11 0.00	51.44 0.89 9.04	48.19 0.96 6.05
STURGEON_POOL_HYD 23609	47.03 2.24 0.00	44.63 2.17 0.00	40.74 1.98 0.00	41.48 1.98 0.00	41.50 1.79 0.00	42.67 1.92 0.00	44.54 2.31 0.60	47.47 1.99 0.86	50.32 2.17 1.08	50.84 2.14 1.11	52.31 2.15 1.09	56.19 2.31 1.16	61.08 2.69 1.30	67.33 3.23 1.84	70.19 4.02 1.93	78.96 4.84 2.75	83.06 5.44 3.59	94.72 7.07 0.75	89.48 6.19 0.36	86.12 4.88 0.15	76.03 3.76 0.00	68.99 2.91 0.00	61.48 1.91 0.00	55.10 1.81 0.00

ST_LAW_115_BK7_LBMP 345037	44.03 -0.76 0.00	41.71 -0.76 0.00	38.10 -0.66 0.00	38.88 -0.63 0.00	39.24 -0.47 0.00	40.27 -0.49 0.00	42.32 -0.51 0.00	46.29 -0.05 0.00	49.13 -0.10 0.00	49.71 -0.10 0.00	51.05 -0.20 0.00	54.71 -0.33 0.00	59.29 -0.41 0.00	65.48 -0.46 0.00	66.88 -1.22 0.00	75.63 -1.23 0.00	79.58 -1.62 0.00	85.22 -3.18 0.00	81.31 -2.34 0.00	80.00 -1.38 0.00	71.11 -1.16 0.00	65.55 -0.53 0.00	59.28 -0.30 0.00	53.07 -0.21 0.00
ST_LAW_115_BK8_LBMP 345038	44.03 -0.76 0.00	41.71 -0.76 0.00	38.10 -0.66 0.00	38.88 -0.63 0.00	39.24 -0.47 0.00	40.27 -0.49 0.00	42.32 -0.51 0.00	46.29 -0.05 0.00	49.13 -0.10 0.00	49.71 -0.10 0.00	51.05 -0.20 0.00	54.71 -0.33 0.00	59.29 -0.41 0.00	65.48 -0.46 0.00	66.88 -1.22 0.00	75.63 -1.23 0.00	79.58 -1.62 0.00	85.22 -3.18 0.00	81.31 -2.34 0.00	80.00 -1.38 0.00	71.11 -1.16 0.00	65.55 -0.53 0.00	59.28 -0.30 0.00	53.07 -0.21 0.00
ST_LAW_230_BK5_LBMP 345035	44.07 -0.72 0.00	41.75 -0.72 0.00	38.10 -0.66 0.00	38.88 -0.63 0.00	39.24 -0.47 0.00	40.27 -0.49 0.00	42.36 -0.47 0.00	46.29 -0.05 0.00	49.13 -0.10 0.00	49.66 -0.15 0.00	51.05 -0.20 0.00	54.71 -0.33 0.00	59.29 -0.41 0.00	65.48 -0.46 0.00	66.95 -1.16 0.00	75.72 -1.15 0.00	79.66 -1.55 0.00	85.48 -2.92 0.00	81.48 -2.18 0.00	80.08 -1.31 0.00	71.11 -1.16 0.00	65.55 -0.53 0.00	59.28 -0.30 0.00	53.02 -0.27 0.00
ST_LAW_230_BK6_LBMP 345036	44.07 -0.72 0.00	41.75 -0.72 0.00	38.10 -0.66 0.00	38.88 -0.63 0.00	39.24 -0.47 0.00	40.27 -0.49 0.00	42.36 -0.47 0.00	46.29 -0.05 0.00	49.13 -0.10 0.00	49.66 -0.15 0.00	51.05 -0.20 0.00	54.71 -0.33 0.00	59.29 -0.41 0.00	65.48 -0.46 0.00	66.95 -1.16 0.00	75.72 -1.15 0.00	79.66 -1.55 0.00	85.48 -2.92 0.00	81.48 -2.18 0.00	80.08 -1.31 0.00	71.11 -1.16 0.00	65.55 -0.53 0.00	59.28 -0.30 0.00	53.02 -0.27 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.85 2.06 0.00	44.38 1.91 0.00	40.66 1.90 0.00	41.33 1.82 0.00	41.42 1.71 0.00	42.59 1.83 0.00	44.84 2.01 0.00	48.09 1.76 0.00	51.10 1.87 0.00	51.70 1.89 0.00	53.34 1.90 -0.20	57.63 2.04 -0.55	62.92 2.33 -0.89	69.52 2.77 -0.81	72.56 3.47 -0.98	81.88 4.23 -0.79	85.91 4.71 0.00	94.68 6.28 0.00	89.09 5.44 0.00	85.53 4.15 0.00	75.74 3.47 0.00	68.72 2.64 0.00	61.24 1.67 0.00	54.94 1.65 0.00
SWANROAD_115KV_TB1 355699	45.46 0.67 0.00	44.17 1.70 0.00	39.30 0.54 0.00	39.43 -0.08 0.00	39.68 -0.04 0.00	40.47 -0.29 0.00	42.66 -0.17 0.00	43.92 -2.41 0.00	47.56 -1.67 0.00	48.96 -0.85 0.00	51.20 -0.05 0.00	55.48 0.44 0.00	59.64 -0.06 0.00	64.68 -1.25 0.00	66.95 -1.16 0.00	74.33 -2.54 0.00	79.74 -1.46 0.00	87.52 -0.88 0.00	83.23 -0.42 0.00	79.10 -2.28 0.00	69.74 -2.53 0.00	64.56 -1.52 0.00	58.86 -0.71 0.00	53.87 0.59 0.00
SYNERGY___BIOGAS 323694	46.94 2.15 0.00	45.32 2.85 0.00	40.31 1.55 0.00	40.54 1.03 0.00	40.79 1.07 0.00	41.65 0.90 0.00	43.99 1.16 0.00	46.10 -0.23 0.00	49.57 0.34 0.00	51.00 1.20 0.00	53.30 2.05 0.00	57.57 2.53 0.00	62.03 2.33 0.00	67.59 1.65 0.00	70.15 2.04 0.00	78.10 1.23 0.00	83.48 2.27 0.00	92.11 3.71 0.00	87.67 4.02 0.00	83.66 2.28 0.00	73.64 1.37 0.00	68.13 2.05 0.00	61.78 2.20 0.00	56.00 2.72 0.00
SYRACUSE___ENERGY_ST1 323597	45.11 0.31 0.00	42.81 0.34 0.00	38.88 0.12 0.00	39.55 0.04 0.00	39.72 0.00 0.00	40.80 0.04 0.00	42.83 0.00 0.00	46.15 -0.19 0.00	49.42 -0.05 -0.24	50.60 0.05 -0.74	51.79 0.15 -0.38	56.17 0.33 -0.80	61.04 0.00 -1.34	67.87 -0.07 -2.00	68.31 0.20 0.00	76.87 0.00 0.00	81.37 0.16 0.00	89.11 0.71 0.00	84.32 0.67 0.00	82.98 0.16 -1.43	72.34 0.07 0.00	66.91 0.13 -0.70	59.68 -0.06 -0.16	53.18 -0.11 0.00
SYRACUSE___ENERGY_ST2 323598	45.11 0.31 0.00	42.81 0.34 0.00	38.88 0.12 0.00	39.55 0.04 0.00	39.72 0.00 0.00	40.80 0.04 0.00	42.83 0.00 0.00	46.15 -0.19 0.00	49.42 -0.05 -0.24	50.60 0.05 -0.74	51.79 0.15 -0.38	56.17 0.33 -0.80	61.04 0.00 -1.34	67.87 -0.07 -2.00	68.31 0.20 0.00	76.87 0.00 0.00	81.37 0.16 0.00	89.11 0.71 0.00	84.32 0.67 0.00	82.98 0.16 -1.43	72.34 0.07 0.00	66.91 0.13 -0.70	59.68 -0.06 -0.16	53.18 -0.11 0.00
SYRACUSE___POWER 24017	44.97 0.18 0.00	42.68 0.21 0.00	38.76 0.00 0.00	39.43 -0.08 0.00	39.60 -0.12 0.00	40.68 -0.08 0.00	42.74 -0.09 0.00	46.01 -0.32 0.00	49.11 -0.20 -0.08	49.94 -0.10 -0.23	51.37 0.00 -0.12	55.46 0.17 -0.25	60.18 0.06 -0.42	66.57 0.00 -0.63	68.45 0.34 0.00	77.02 0.15 0.00	81.53 0.32 0.00	89.37 0.97 0.00	84.57 0.92 0.00	82.24 0.41 -0.45	72.56 0.29 0.00	66.56 0.26 -0.22	59.69 0.06 -0.05	53.29 0.00 0.00
TALLMAN_138KV_BK151 55660	47.17 2.37 0.00	44.72 2.25 0.00	40.93 2.17 0.00	41.60 2.09 0.00	41.66 1.95 0.00	42.88 2.12 0.00	45.19 2.36 0.00	48.46 2.13 0.00	51.49 2.26 0.00	52.10 2.29 0.00	53.77 2.31 -0.21	58.10 2.48 -0.59	63.51 2.87 -0.95	70.10 3.30 -0.86	73.23 4.09 -1.04	82.70 5.00 -0.84	86.73 5.52 0.00	95.56 7.16 0.00	89.84 6.19 0.00	86.18 4.80 0.00	76.17 3.90 0.00	69.12 3.04 0.00	61.48 1.91 0.00	55.20 1.92 0.00
TEALLAVE_115KV_TB7 355573	44.79 0.00 0.00	42.51 0.04 0.00	38.64 -0.12 0.00	39.27 -0.24 0.00	39.44 -0.28 0.00	40.51 -0.24 0.00	42.57 -0.26 0.00	45.82 -0.51 0.00	48.91 -0.39 -0.07	49.78 -0.25 -0.22	51.21 -0.15 -0.11	55.28 0.00 -0.24	60.04 -0.06 -0.40	66.40 -0.13 -0.60	68.31 0.20 0.00	76.87 0.00 0.00	81.29 0.08 0.00	89.11 0.71 0.00	84.32 0.67 0.00	81.89 0.08 -0.43	72.27 0.00 0.00	66.35 0.07 -0.21	59.45 -0.18 -0.05	53.13 -0.16 0.00
TELGRAPH_34_KV_EAST 80808	46.14 1.34 0.00	44.68 2.21 0.00	39.77 1.01 0.00	39.94 0.43 0.00	40.19 0.48 0.00	41.00 0.24 0.00	43.26 0.43 0.00	44.99 -1.34 0.00	48.64 -0.59 0.00	50.06 0.25 0.00	52.33 1.08 0.00	56.63 1.60 0.00	60.95 1.25 0.00	66.20 0.26 0.00	68.58 0.48 0.00	76.25 -0.61 0.00	81.69 0.49 0.00	89.73 1.33 0.00	85.41 1.76 0.00	81.30 -0.08 0.00	71.55 -0.72 0.00	66.28 0.20 0.00	60.29 0.71 0.00	54.88 1.60 0.00
TEMPLE___115KV_TB 2 55572	44.84 0.04 0.00	42.55 0.08 0.00	38.64 -0.12 0.00	39.31 -0.20 0.00	39.48 -0.24 0.00	40.55 -0.20 0.00	42.57 -0.26 0.00	45.87 -0.46 0.00	48.94 -0.34 -0.06	49.74 -0.25 -0.18	51.24 -0.10 -0.09	55.23 0.00 -0.19	60.02 0.00 -0.32	66.35 -0.07 -0.48	68.38 0.27 0.00	76.94 0.08 0.00	81.37 0.16 0.00	89.19 0.80 0.00	84.41 0.75 0.00	81.89 0.16 -0.34	72.34 0.07 0.00	66.31 0.07 -0.17	59.50 -0.12 -0.04	53.18 -0.11 0.00
TIANA____69_KV_BK 1 55817	47.35 2.55 0.00	45.44 2.97 0.00	42.48 3.72 0.00	42.95 3.44 0.00	42.93 3.22 0.00	44.30 3.55 0.00	45.57 2.74 0.00	47.42 1.71 0.63	48.30 2.02 2.95	49.49 2.14 2.46	51.59 2.36 2.02	58.66 3.36 -0.26	64.22 4.12 -0.40	72.68 5.80 -0.94	77.91 7.42 -2.38	88.42 8.92 -2.63	118.17 9.74 -27.22	185.32 12.20 -84.72	158.72 10.96 -64.10	89.78 8.38 -0.01	78.38 6.29 0.17	69.98 3.90 0.00	52.29 1.79 9.08	48.93 1.71 6.06

TILDEN___115KV_TB1 80814	44.97 0.18 0.00	42.68 0.21 0.00	38.76 0.00 0.00	39.43 -0.08 0.00	39.60 -0.12 0.00	40.68 -0.08 0.00	42.74 -0.09 0.00	46.01 -0.32 0.00	49.11 -0.20 -0.08	49.94 -0.10 -0.23	51.37 0.00 -0.12	55.46 0.17 -0.25	60.18 0.06 -0.42	66.57 0.00 -0.63	68.45 0.34 0.00	77.02 0.15 0.00	81.53 0.32 0.00	89.37 0.97 0.00	84.57 0.92 0.00	82.24 0.41 -0.45	72.56 0.29 0.00	66.56 0.26 -0.22	59.69 0.06 -0.05	53.29 0.00 0.00
TRIGEN___CC 323695	46.99 2.19 0.00	44.89 2.42 0.00	41.74 2.98 0.00	42.31 2.81 0.00	42.34 2.62 0.00	43.65 2.89 0.00	45.27 2.44 0.00	47.94 1.76 0.15	50.45 1.92 0.69	51.12 1.89 0.58	53.05 2.05 0.26	58.10 2.42 -0.64	63.72 2.98 -1.03	70.90 4.02 -0.94	84.26 5.24 -10.91	97.42 6.23 -14.33	88.03 6.82 0.00	97.15 8.75 0.00	95.73 7.61 -4.47	87.00 5.62 0.00	76.61 4.34 0.00	68.92 2.84 0.00	58.76 1.31 2.13	53.26 1.39 1.41
TRINITY___115KV___4 BK 55933	45.20 0.40 0.00	42.77 0.30 0.00	39.15 0.39 0.00	39.90 0.40 0.00	40.07 0.36 0.00	41.21 0.45 0.00	43.21 0.39 0.00	46.52 0.19 0.00	49.43 0.20 0.00	49.86 0.05 0.00	50.92 -0.15 0.18	54.37 -0.17 0.50	58.77 -0.12 0.81	65.27 0.07 0.74	67.56 0.34 0.89	76.84 0.69 0.72	82.02 0.81 0.00	90.26 1.86 0.00	85.16 1.51 0.00	82.36 0.98 0.00	73.07 0.79 0.00	66.74 0.66 0.00	59.70 0.12 0.00	53.23 -0.05 0.00
UNION___PROCESSING_DRP 323587	45.82 1.03 0.00	43.96 1.49 0.00	39.42 0.66 0.00	39.79 0.28 0.00	39.99 0.28 0.00	40.92 0.16 0.00	43.17 0.34 0.00	45.87 -0.46 0.00	49.18 -0.05 0.00	50.41 0.60 0.00	52.48 1.23 0.00	56.63 1.60 0.00	61.13 1.43 0.00	66.93 0.99 0.00	69.47 1.36 0.00	77.64 0.77 0.00	82.67 1.46 0.00	90.96 2.56 0.00	86.25 2.59 0.00	82.60 1.22 0.00	72.92 0.65 0.00	67.20 1.12 0.00	60.71 1.13 0.00	54.73 1.44 0.00
UPPER HUDSON___HYD 24058	46.67 1.88 0.00	44.00 1.53 0.00	40.19 1.43 0.00	40.85 1.34 0.00	41.11 1.39 0.00	42.27 1.51 0.00	44.24 1.41 0.00	47.63 1.30 0.00	50.71 1.48 0.00	51.10 1.29 0.00	51.72 0.66 0.19	55.20 0.71 0.55	59.41 0.60 0.88	65.86 0.73 0.80	68.16 1.02 0.97	77.77 1.69 0.78	83.07 1.87 0.00	91.94 3.54 0.00	87.75 4.10 0.00	85.13 3.75 0.00	76.03 3.76 0.00	69.45 3.37 0.00	62.32 2.74 0.00	55.36 2.08 0.00
UPPER RAQUET___HYD 24056	44.84 0.04 0.00	42.38 -0.08 0.00	38.68 -0.08 0.00	39.47 -0.04 0.00	39.88 0.16 0.00	40.92 0.16 0.00	43.09 0.26 0.00	47.21 0.88 0.00	50.01 0.79 0.00	50.56 0.75 0.00	51.87 0.62 0.00	55.59 0.55 0.00	60.12 0.42 0.00	66.07 0.13 0.00	66.75 -1.36 0.00	75.10 -1.76 0.00	79.09 -2.11 0.00	83.98 -4.42 0.00	81.15 -2.51 0.00	80.24 -1.14 0.00	71.33 -0.94 0.00	66.08 0.00 0.00	59.94 0.36 0.00	53.87 0.59 0.00
VALLEY44_115KV_TB2 355964	45.78 0.99 0.00	44.17 1.70 0.00	39.46 0.70 0.00	39.63 0.12 0.00	39.87 0.16 0.00	40.76 0.00 0.00	43.13 0.30 0.00	45.41 -0.93 0.00	49.08 -0.15 0.00	50.41 0.60 0.00	52.53 1.28 0.00	56.96 1.93 0.00	61.01 1.31 0.00	66.14 0.20 0.00	68.52 0.41 0.00	76.17 -0.69 0.00	81.69 0.49 0.00	89.73 1.33 0.00	84.99 1.34 0.00	80.98 -0.41 0.00	71.40 -0.87 0.00	65.95 -0.13 0.00	59.87 0.30 0.00	54.88 1.60 0.00
VALLEY___115KV_TB 1-4 80826	45.55 0.76 0.00	43.15 0.68 0.00	39.38 0.62 0.00	40.10 0.59 0.00	40.31 0.60 0.00	41.45 0.69 0.00	43.60 0.77 0.00	46.98 0.65 0.00	49.97 0.74 0.00	50.56 0.75 0.00	52.02 0.77 0.00	55.92 0.88 0.00	60.66 0.96 0.00	66.99 1.05 0.00	69.33 1.23 0.00	78.10 1.23 0.00	82.50 1.30 0.00	90.26 1.86 0.00	85.16 1.51 0.00	82.69 1.30 0.00	73.43 1.16 0.00	67.07 0.99 0.00	60.41 0.83 0.00	54.03 0.75 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.08 2.28 0.00	44.59 2.12 0.00	40.74 1.98 0.00	41.56 2.05 0.00	41.70 1.99 0.00	42.75 2.00 0.00	44.97 2.14 0.00	48.32 1.99 0.00	51.44 2.22 0.00	52.15 2.34 0.00	53.56 2.31 0.00	57.68 2.64 0.00	62.63 2.93 0.00	69.17 3.23 0.00	71.92 3.81 0.00	80.86 4.00 0.00	85.59 4.39 0.00	94.15 5.75 0.00	88.67 5.02 0.00	85.94 4.56 0.00	76.25 3.97 0.00	69.58 3.50 0.00	62.32 2.74 0.00	55.68 2.40 0.00
VISCHER___FERRY HYD 24020	46.23 1.43 0.00	43.79 1.32 0.00	40.00 1.24 0.00	40.74 1.23 0.00	40.91 1.19 0.00	42.06 1.30 0.00	44.20 1.37 0.00	47.53 1.20 0.00	50.46 1.23 0.00	50.86 1.05 0.00	51.86 0.87 0.27	55.22 0.93 0.75	59.50 1.01 1.21	66.02 1.19 1.10	68.41 1.63 1.33	78.03 2.23 1.07	83.64 2.43 0.00	92.20 3.80 0.00	87.08 3.43 0.00	84.23 2.85 0.00	74.87 2.60 0.00	68.19 2.11 0.00	61.19 1.61 0.00	54.51 1.23 0.00
V_A_10_SYNC_DSASP 323832	45.38 0.58 0.00	43.87 1.40 0.00	39.19 0.43 0.00	39.43 -0.08 0.00	39.64 -0.08 0.00	40.51 -0.24 0.00	42.74 -0.09 0.00	44.90 -1.44 0.00	48.39 -0.84 0.00	49.71 -0.10 0.00	51.87 0.62 0.00	56.08 1.05 0.00	60.42 0.72 0.00	65.67 -0.26 0.00	68.11 0.00 0.00	75.79 -1.08 0.00	81.04 -0.16 0.00	89.02 0.62 0.00	84.57 0.92 0.00	80.65 -0.73 0.00	71.19 -1.08 0.00	65.75 -0.33 0.00	59.70 0.12 0.00	54.19 0.91 0.00
V_CMM_10_SYNC_DSASP 323787	44.30 -0.49 0.00	41.96 -0.51 0.00	38.33 -0.43 0.00	39.11 -0.40 0.00	39.48 -0.24 0.00	40.47 -0.28 0.00	42.57 -0.26 0.00	46.56 0.23 0.00	49.43 0.20 0.00	49.96 0.15 0.00	51.35 0.10 0.00	55.04 0.00 0.00	59.64 -0.06 0.00	65.87 -0.07 0.00	67.29 -0.81 0.00	76.10 -0.77 0.00	80.07 -1.14 0.00	85.75 -2.65 0.00	81.81 -1.84 0.00	80.49 -0.89 0.00	71.55 -0.72 0.00	65.95 -0.13 0.00	59.70 0.12 0.00	53.39 0.11 0.00
V_CMP_10_SYNC_DSASP 323788	44.12 -0.67 0.00	41.79 -0.68 0.00	38.14 -0.62 0.00	38.96 -0.55 0.00	39.32 -0.40 0.00	40.31 -0.45 0.00	42.44 -0.39 0.00	46.15 -0.18 0.00	49.03 -0.20 0.00	49.51 -0.30 0.00	50.38 -0.87 0.00	53.61 -1.43 0.00	58.21 -1.49 0.00	64.29 -1.65 0.00	65.59 -2.52 0.00	74.25 -2.61 0.00	78.12 -3.09 0.00	83.80 -4.60 0.00	79.97 -3.68 0.00	78.78 -2.61 0.00	70.03 -2.24 0.00	64.56 -1.52 0.00	58.32 -1.25 0.00	52.16 -1.12 0.00
V_D_10_SYNC_DSASP 323841	44.57 -0.22 0.00	42.22 -0.25 0.00	38.57 -0.19 0.00	39.35 -0.16 0.00	39.72 0.00 0.00	40.72 -0.04 0.00	42.83 0.00 0.00	46.89 0.56 0.00	49.77 0.54 0.00	50.31 0.50 0.00	51.66 0.41 0.00	55.43 0.39 0.00	60.00 0.30 0.00	66.20 0.26 0.00	67.49 -0.61 0.00	76.25 -0.62 0.00	80.31 -0.89 0.00	85.30 -3.10 0.00	82.15 -1.50 0.00	80.90 -0.49 0.00	71.84 -0.43 0.00	66.34 0.27 0.00	60.05 0.47 0.00	53.76 0.48 0.00
V_E_10_SYNC_DSASP 323830	49.45 4.66 0.00	46.72 4.25 0.00	42.44 3.68 0.00	42.99 3.48 0.00	43.29 3.58 0.00	44.63 3.87 0.00	47.11 4.28 0.00	50.41 4.08 0.00	53.51 4.28 0.00	54.19 4.38 0.00	55.50 4.25 0.00	59.88 4.84 0.00	65.08 5.38 0.00	71.67 5.73 0.00	74.85 6.74 0.00	83.55 6.68 0.00	88.83 7.63 0.00	98.74 10.34 0.00	93.19 9.53 0.00	90.82 9.44 0.00	80.72 8.45 0.00	73.28 7.20 0.00	66.07 6.49 0.00	58.83 5.54 0.00

V_F_30_NSYNC___DSASP 323816	46.94 2.15 0.00	44.38 1.91 0.00	40.51 1.75 0.00	41.25 1.74 0.00	41.46 1.75 0.00	42.59 1.84 0.00	44.67 1.84 0.00	48.05 1.72 0.00	51.05 1.82 0.00	51.45 1.64 0.00	52.38 1.33 0.21	55.94 1.49 0.58	60.26 1.49 0.94	66.87 1.78 0.85	69.19 2.11 1.03	78.88 2.85 0.83	84.37 3.16 0.00	93.08 4.68 0.00	88.17 4.51 0.00	85.53 4.15 0.00	76.17 3.90 0.00	69.45 3.37 0.00	62.44 2.86 0.00	55.58 2.29 0.00
V_F_30_SYNC_DSASP 323786	45.42 0.63 0.00	42.98 0.51 0.00	39.34 0.58 0.00	40.10 0.59 0.00	40.27 0.56 0.00	41.37 0.61 0.00	43.39 0.56 0.00	46.70 0.37 0.00	49.67 0.44 0.00	50.16 0.35 0.00	51.22 0.15 0.18	54.64 0.11 0.51	59.05 0.18 0.83	65.58 0.40 0.75	67.95 0.75 0.91	77.21 1.08 0.73	82.50 1.30 0.00	90.70 2.30 0.00	85.66 2.01 0.00	82.77 1.38 0.00	73.50 1.23 0.00	67.14 1.06 0.00	60.05 0.48 0.00	53.55 0.27 0.00
V_XM_10_SYNC_DSASP 323789	44.12 -0.67 0.00	41.79 -0.68 0.00	38.14 -0.62 0.00	38.96 -0.55 0.00	39.32 -0.40 0.00	40.31 -0.45 0.00	42.44 -0.39 0.00	46.15 -0.18 0.00	49.03 -0.20 0.00	49.51 -0.30 0.00	50.38 -0.87 0.00	53.61 -1.43 0.00	58.21 -1.49 0.00	64.29 -1.65 0.00	65.59 -2.52 0.00	74.25 -2.61 0.00	78.12 -3.09 0.00	83.80 -4.60 0.00	79.97 -3.68 0.00	78.78 -2.61 0.00	70.03 -2.24 0.00	64.56 -1.52 0.00	58.32 -1.25 0.00	52.16 -1.12 0.00
W.BABYLN_69_KV_BK1 56697	47.48 2.69 0.00	45.57 3.10 0.00	42.56 3.80 0.00	43.07 3.56 0.00	43.09 3.38 0.00	44.47 3.71 0.00	45.83 3.00 0.00	47.81 2.04 0.56	48.84 2.22 2.61	49.88 2.24 2.17	51.97 2.41 1.69	58.60 3.14 -0.43	64.13 3.76 -0.67	72.09 5.21 -0.94	78.73 6.67 -3.95	89.48 7.84 -4.77	89.73 8.53 0.00	102.83 10.78 -3.65	97.30 9.62 -4.02	88.63 7.24 0.00	77.88 5.71 0.10	69.78 3.70 0.00	53.47 1.91 8.01	49.81 1.87 5.34
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	47.30 2.51 0.00	44.85 2.38 0.00	41.05 2.29 0.00	41.72 2.21 0.00	41.78 2.07 0.00	43.00 2.24 0.00	45.31 2.48 0.00	48.60 2.27 0.00	51.64 2.41 0.00	52.25 2.44 0.00	53.92 2.46 -0.21	58.28 2.64 -0.60	63.71 3.04 -0.97	70.31 3.49 -0.88	73.46 4.29 -1.06	82.95 5.23 -0.86	87.05 5.85 0.00	95.91 7.51 0.00	90.18 6.52 0.00	86.43 5.05 0.00	76.46 4.19 0.00	69.32 3.24 0.00	61.72 2.14 0.00	55.36 2.08 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	47.66 2.87 0.00	45.19 2.72 0.00	41.36 2.60 0.00	42.04 2.53 0.00	42.10 2.38 0.00	43.28 2.53 0.00	45.74 2.91 0.00	49.07 2.73 0.00	52.13 2.90 0.00	52.75 2.94 0.00	54.40 2.92 -0.23	58.71 3.03 -0.64	64.14 3.40 -1.03	70.83 3.96 -0.94	74.08 4.84 -1.13	83.70 5.92 -0.91	87.78 6.58 0.00	96.62 8.22 0.00	90.76 7.11 0.00	86.92 5.53 0.00	76.75 4.48 0.00	69.38 3.30 0.00	61.78 2.20 0.00	55.52 2.24 0.00
W50THST__13_KV_LOAD 356117	47.97 3.18 0.00	45.44 2.97 0.00	41.59 2.83 0.00	42.28 2.77 0.00	42.34 2.62 0.00	43.57 2.81 0.00	46.04 3.21 0.00	49.39 3.06 0.00	52.53 3.30 0.00	53.15 3.34 0.00	54.86 3.38 -0.23	59.20 3.52 -0.64	64.61 3.88 -1.03	71.36 4.48 -0.94	74.62 5.38 -1.13	84.31 6.53 -0.91	88.51 7.31 0.00	97.33 8.93 0.00	91.43 7.78 0.00	87.49 6.10 0.00	77.18 4.91 0.00	69.85 3.77 0.00	62.14 2.56 0.00	55.84 2.56 0.00
WADING RIVER_IC_1 23522	46.94 2.15 0.00	45.27 2.80 0.00	41.74 2.98 0.00	42.23 2.72 0.00	42.26 2.54 0.00	43.12 2.36 0.00	44.80 1.97 0.00	46.58 0.88 0.63	47.31 1.04 2.95	48.34 1.00 2.46	50.46 1.23 2.02	57.45 2.14 -0.27	63.10 2.98 -0.41	70.97 4.09 -0.94	76.13 5.65 -2.37	86.49 6.99 -2.62	115.06 7.39 -26.47	181.70 9.81 -83.49	155.44 8.62 -63.17	87.58 6.18 -0.01	76.65 4.56 0.17	68.06 1.98 0.00	51.03 0.53 9.08	47.81 0.59 6.06
WADING RIVER_IC_2 23547	46.94 2.15 0.00	45.27 2.80 0.00	41.74 2.98 0.00	42.23 2.72 0.00	42.26 2.54 0.00	43.12 2.36 0.00	44.80 1.97 0.00	46.58 0.88 0.63	47.31 1.04 2.95	48.34 1.00 2.46	50.46 1.23 2.02	57.45 2.14 -0.27	63.10 2.98 -0.41	70.97 4.09 -0.94	76.13 5.65 -2.37	86.49 6.99 -2.62	115.06 7.39 -26.47	181.70 9.81 -83.49	155.44 8.62 -63.17	87.58 6.18 -0.01	76.65 4.56 0.17	68.06 1.98 0.00	51.03 0.53 9.08	47.81 0.59 6.06
WADING RIVER_IC_3 23601	46.94 2.15 0.00	45.27 2.80 0.00	41.74 2.98 0.00	42.23 2.72 0.00	42.26 2.54 0.00	43.12 2.36 0.00	44.80 1.97 0.00	46.58 0.88 0.63	47.31 1.04 2.95	48.34 1.00 2.46	50.46 1.23 2.02	57.45 2.14 -0.27	63.10 2.98 -0.41	70.97 4.09 -0.94	76.13 5.65 -2.37	86.49 6.99 -2.62	115.06 7.39 -26.47	181.70 9.81 -83.49	155.44 8.62 -63.17	87.58 6.18 -0.01	76.65 4.56 0.17	68.06 1.98 0.00	51.03 0.53 9.08	47.81 0.59 6.06
WALDENNY_12_KV_BK2 80841	46.32 1.52 0.00	44.85 2.38 0.00	39.92 1.16 0.00	40.06 0.55 0.00	40.31 0.60 0.00	41.12 0.37 0.00	43.51 0.69 0.00	45.41 -0.93 0.00	49.18 -0.05 0.00	50.61 0.80 0.00	52.94 1.69 0.00	57.40 2.37 0.00	61.91 2.21 0.00	67.26 1.32 0.00	69.54 1.43 0.00	77.33 0.46 0.00	82.91 1.71 0.00	90.87 2.48 0.00	86.25 2.59 0.00	82.03 0.65 0.00	72.20 -0.07 0.00	66.74 0.66 0.00	60.83 1.25 0.00	55.36 2.08 0.00
WALDEN__HYDRO 24148	47.08 2.28 0.00	44.59 2.12 0.00	40.81 2.05 0.00	41.48 1.98 0.00	41.58 1.87 0.00	42.75 2.00 0.00	45.01 2.18 0.00	48.28 1.95 0.00	51.30 2.07 0.00	51.85 2.04 0.00	53.48 2.05 -0.18	57.74 2.20 -0.51	63.02 2.51 -0.81	69.71 3.03 -0.74	72.75 3.75 -0.89	82.20 4.61 -0.72	86.40 5.20 0.00	95.21 6.81 0.00	89.59 5.94 0.00	86.10 4.72 0.00	76.17 3.90 0.00	69.12 3.04 0.00	61.60 2.03 0.00	55.20 1.92 0.00
WARRENSBURG____ 23737	46.67 1.88 0.00	44.00 1.53 0.00	40.19 1.43 0.00	40.85 1.34 0.00	41.11 1.39 0.00	42.27 1.51 0.00	44.24 1.41 0.00	47.63 1.30 0.00	50.76 1.53 0.00	51.15 1.34 0.00	51.67 0.62 0.19	55.15 0.66 0.55	59.35 0.54 0.88	65.86 0.73 0.80	68.09 0.95 0.97	77.70 1.61 0.78	83.07 1.87 0.00	91.85 3.45 0.00	87.75 4.10 0.00	85.13 3.74 0.00	76.03 3.76 0.00	69.65 3.57 0.00	62.32 2.74 0.00	55.36 2.08 0.00
WATERSIDE____6 8 9 23538	47.79 3.00 0.00	45.27 2.80 0.00	41.43 2.67 0.00	42.08 2.57 0.00	42.10 2.38 0.00	43.20 2.45 0.00	45.70 2.87 0.00	48.93 2.59 0.00	51.94 2.71 0.00	52.50 2.69 0.00	54.19 2.72 -0.23	58.32 2.64 -0.64	63.65 2.93 -1.03	70.30 3.43 -0.93	73.52 4.29 -1.12	83.08 5.30 -0.91	87.12 5.93 0.01	95.99 7.60 0.01	90.17 6.52 0.01	86.34 4.96 0.01	76.24 3.97 0.01	68.98 2.91 0.01	61.35 1.79 0.01	55.42 2.13 0.00
WATKINRD_115KV_LN8_ILLION 55919	45.38 0.58 0.00	42.98 0.51 0.00	39.23 0.47 0.00	39.98 0.47 0.00	40.15 0.44 0.00	41.25 0.49 0.00	43.39 0.56 0.00	46.80 0.46 0.00	49.72 0.49 0.00	50.31 0.50 0.00	51.71 0.46 0.00	55.59 0.55 0.00	60.30 0.60 0.00	66.66 0.73 0.00	68.99 0.89 0.00	77.79 0.92 0.00	82.18 0.97 0.00	89.90 1.50 0.00	84.82 1.17 0.00	82.44 1.06 0.00	73.21 0.94 0.00	66.87 0.79 0.00	60.17 0.60 0.00	53.82 0.53 0.00

WDELAWARE___HYD 323627	46.85 2.06 0.00	44.46 2.00 0.00	40.54 1.78 0.00	41.21 1.70 0.00	41.31 1.59 0.00	42.43 1.67 0.00	44.55 1.93 0.21	47.65 1.62 0.30	50.57 1.72 0.38	51.11 1.69 0.39	52.76 1.79 0.28	56.96 2.04 0.12	62.04 2.33 -0.01	68.42 2.70 0.22	71.48 3.54 0.17	80.69 4.38 0.55	84.81 4.87 1.26	94.85 6.72 0.26	89.38 5.85 0.13	86.05 4.72 0.05	76.32 4.04 0.00	68.85 2.77 0.00	61.72 2.14 0.00	55.15 1.86 0.00
WEST BABYLON___IC 23714	47.48 2.69 0.00	45.57 3.10 0.00	42.56 3.80 0.00	43.07 3.56 0.00	43.09 3.38 0.00	44.47 3.71 0.00	45.83 3.00 0.00	47.81 2.04 0.56	48.84 2.22 2.61	49.88 2.24 2.17	51.97 2.41 1.69	58.60 3.14 -0.43	64.13 3.76 -0.67	72.09 5.21 -0.94	78.73 6.67 -3.95	89.48 7.84 -4.77	89.73 8.53 0.00	102.83 10.78 -3.65	97.30 9.62 -4.02	88.63 7.24 0.00	77.88 5.71 0.10	69.78 3.70 0.00	53.47 1.91 8.01	49.81 1.87 5.34
WEST CANADA___HYD 24049	45.11 0.32 0.00	42.73 0.26 0.00	39.03 0.27 0.00	39.79 0.28 0.00	39.96 0.24 0.00	41.04 0.29 0.00	43.09 0.26 0.00	46.52 0.19 0.00	49.43 0.20 0.00	50.01 0.20 0.00	51.41 0.15 0.00	55.26 0.22 0.00	59.94 0.24 0.00	66.20 0.26 0.00	68.52 0.41 0.00	77.33 0.46 0.00	81.78 0.57 0.00	89.37 0.97 0.00	84.32 0.67 0.00	81.87 0.49 0.00	72.71 0.44 0.00	66.34 0.27 0.00	59.76 0.18 0.00	53.45 0.16 0.00
WESTERN_NY_WIND 24143	46.90 2.11 0.00	45.27 2.80 0.00	40.27 1.51 0.00	40.50 0.99 0.00	40.75 1.03 0.00	41.61 0.86 0.00	43.94 1.11 0.00	46.01 -0.32 0.00	49.52 0.30 0.00	50.95 1.15 0.00	53.25 2.00 0.00	57.51 2.48 0.00	61.97 2.27 0.00	67.52 1.58 0.00	70.01 1.91 0.00	77.94 1.08 0.00	83.40 2.19 0.00	92.02 3.62 0.00	87.58 3.93 0.00	83.50 2.12 0.00	73.50 1.23 0.00	68.06 1.98 0.00	61.66 2.09 0.00	55.95 2.66 0.00
WESTOVER___LESR 323668	45.96 1.16 0.00	43.74 1.27 0.00	39.69 0.93 0.00	40.34 0.83 0.00	40.47 0.75 0.00	41.53 0.77 0.00	43.64 0.81 0.00	46.75 0.42 0.00	49.92 0.69 0.00	50.66 0.85 0.00	52.33 1.08 0.00	56.41 1.38 0.00	61.07 1.37 0.00	67.19 1.25 0.00	69.74 1.63 0.00	78.33 1.46 0.00	83.15 1.95 0.00	91.23 2.83 0.00	86.41 2.76 0.00	83.34 1.95 0.00	73.93 1.66 0.00	67.66 1.59 0.00	60.83 1.25 0.00	54.62 1.33 0.00
WETHRSFD_WT_PWR 323626	46.18 1.39 0.00	44.12 1.65 0.00	39.81 1.05 0.00	40.06 0.55 0.00	40.31 0.60 0.00	41.21 0.45 0.00	43.43 0.60 0.00	45.45 -0.88 0.00	48.79 -0.44 0.00	50.06 0.25 0.00	52.07 0.82 0.00	56.20 1.16 0.00	61.01 1.31 0.00	66.46 0.53 0.00	69.13 1.02 0.00	76.33 -0.53 0.00	82.42 1.22 0.00	90.34 1.94 0.00	85.58 1.93 0.00	81.96 0.57 0.00	72.63 0.36 0.00	66.14 0.07 0.00	60.83 1.25 0.00	55.15 1.86 0.00
WHAVSTOR_138KV_BK127 55557	47.12 2.33 0.00	44.64 2.17 0.00	40.89 2.13 0.00	41.56 2.05 0.00	41.62 1.91 0.00	42.84 2.08 0.00	45.14 2.31 0.00	48.37 2.04 0.00	51.44 2.22 0.00	52.00 2.19 0.00	53.67 2.20 -0.21	58.01 2.37 -0.60	63.36 2.69 -0.97	69.98 3.16 -0.88	73.12 3.95 -1.06	82.57 4.84 -0.86	86.56 5.36 0.00	95.38 6.98 0.00	89.68 6.02 0.00	86.02 4.64 0.00	76.10 3.83 0.00	68.99 2.91 0.00	61.42 1.85 0.00	55.10 1.81 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	47.12 2.33 0.00	44.64 2.17 0.00	40.89 2.13 0.00	41.56 2.05 0.00	41.62 1.91 0.00	42.84 2.08 0.00	45.14 2.31 0.00	48.37 2.04 0.00	51.44 2.22 0.00	52.00 2.19 0.00	53.67 2.20 -0.21	58.01 2.37 -0.60	63.36 2.69 -0.97	69.98 3.16 -0.88	73.12 3.95 -1.06	82.57 4.84 -0.86	86.56 5.36 0.00	95.38 6.98 0.00	89.68 6.02 0.00	86.02 4.64 0.00	76.10 3.83 0.00	68.99 2.91 0.00	61.42 1.85 0.00	55.10 1.81 0.00
WHITEHAL_115KV_TB1 80871	46.41 1.61 0.00	43.70 1.23 0.00	39.85 1.09 0.00	40.50 0.99 0.00	40.75 1.03 0.00	41.98 1.22 0.00	43.90 1.07 0.00	47.30 0.97 0.00	50.36 1.13 0.00	50.71 0.90 0.00	51.21 0.15 0.20	54.59 0.11 0.56	58.73 -0.06 0.91	65.31 0.20 0.82	67.45 0.34 0.99	76.99 0.92 0.80	82.42 1.22 0.00	91.49 3.09 0.00	87.33 3.68 0.00	84.96 3.58 0.00	75.88 3.61 0.00	69.65 3.57 0.00	62.26 2.68 0.00	55.15 1.87 0.00
WHITEPLN_13_KV_LOAD 356215	47.84 3.05 0.00	45.32 2.85 0.00	41.47 2.71 0.00	42.16 2.65 0.00	42.26 2.54 0.00	43.49 2.73 0.00	45.87 3.04 0.00	49.25 2.92 0.00	52.38 3.15 0.00	52.95 3.14 0.00	54.76 3.28 -0.23	59.31 3.63 -0.64	64.91 4.18 -1.03	71.75 4.88 -0.94	75.09 5.86 -1.13	84.93 7.15 -0.91	89.00 7.80 0.00	98.21 9.81 0.00	92.10 8.45 0.00	88.22 6.84 0.00	77.84 5.56 0.00	70.44 4.36 0.00	62.62 3.04 0.00	56.00 2.72 0.00
WM_FLOYD_69_KV_BK2 356380	46.85 2.06 0.00	45.02 2.55 0.00	42.09 3.33 0.00	42.59 3.08 0.00	42.62 2.90 0.00	43.98 3.22 0.00	45.19 2.36 0.00	47.00 1.30 0.63	47.76 1.48 2.95	48.80 1.44 2.46	50.81 1.59 2.03	57.64 2.37 -0.24	63.11 3.04 -0.36	71.43 4.55 -0.94	76.57 6.06 -2.40	86.83 7.30 -2.66	120.16 8.04 -30.92	189.77 10.34 -91.03	161.61 9.12 -68.84	88.15 6.75 -0.01	77.07 4.99 0.19	68.92 2.84 0.00	51.47 0.95 9.06	48.25 1.01 6.05
WOODARD___115KV_TB2 355635	44.75 -0.04 0.00	42.51 0.04 0.00	38.60 -0.16 0.00	39.27 -0.24 0.00	39.44 -0.28 0.00	40.51 -0.24 0.00	42.57 -0.26 0.00	45.82 -0.51 0.00	49.01 -0.39 -0.17	50.03 -0.30 -0.52	51.32 -0.21 -0.27	55.49 -0.11 -0.57	60.47 -0.18 -0.94	67.15 -0.20 -1.41	68.18 0.07 0.00	76.71 -0.15 0.00	81.20 0.00 0.00	88.93 0.53 0.00	84.15 0.50 0.00	82.39 0.00 -1.01	72.20 -0.07 0.00	66.51 -0.07 -0.49	59.45 -0.24 -0.12	53.07 -0.21 0.00
WOODMERE_69_KV_BK1 55827	47.70 2.91 0.00	45.57 3.10 0.00	42.33 3.57 0.00	42.95 3.44 0.00	42.93 3.22 0.00	44.26 3.51 0.00	45.87 3.04 0.00	48.62 2.36 0.07	51.53 2.61 0.31	52.24 2.69 0.26	54.23 2.97 -0.01	59.20 3.52 -0.64	64.97 4.24 -1.03	72.42 5.54 -0.94	98.81 6.81 -23.90	117.11 8.07 -32.17	90.06 8.85 0.00	99.36 10.96 0.00	103.84 9.79 -10.40	89.03 7.65 0.00	78.34 6.07 0.00	70.31 4.23 0.00	61.08 2.44 0.94	54.95 2.29 0.63
YORK___WARBASSE 23770	48.11 3.31 0.00	45.57 3.10 0.00	41.63 2.87 0.00	42.24 2.73 0.00	42.26 2.54 0.00	43.32 2.57 0.00	45.78 2.96 0.00	48.88 2.55 0.00	51.83 2.61 0.00	52.44 2.64 0.00	54.19 2.72 -0.22	58.38 2.70 -0.64	63.71 2.98 -1.03	70.56 3.69 -0.93	73.73 4.50 -1.13	83.38 5.61 -0.91	87.37 6.17 0.01	96.26 7.87 0.01	90.42 6.78 0.01	86.58 5.21 0.01	76.53 4.26 0.01	69.18 3.11 0.01	61.48 1.91 0.01	55.47 2.18 0.00