

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/08/2023

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	41.13	39.63	39.40	37.69	37.34	39.70	40.15	42.60	43.66	46.16	48.82	52.25	57.79	71.57	79.96	98.03	101.17	110.72	85.11	75.12	59.92	49.69	42.72	40.01
24138	2.94	2.24	2.34	2.23	2.11	2.10	2.38	3.41	3.49	3.85	4.03	4.27	4.82	5.66	6.01	7.66	8.27	9.13	7.00	6.01	4.44	4.14	3.60	2.82
	0.00	0.00	0.00	-0.15	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.85	-7.88	-20.06	-17.00	-17.88	-5.94	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	41.13	39.66	39.39	37.76	37.38	39.74	40.12	42.56	43.62	46.07	48.82	52.21	57.89	71.64	79.96	97.96	101.01	110.55	85.12	75.19	59.91	49.65	42.80	39.86
24260	2.94	2.28	2.33	2.30	2.14	2.14	2.34	3.37	3.45	3.77	4.03	4.22	4.93	5.73	6.01	7.59	8.12	8.96	7.00	6.08	4.44	4.10	3.68	2.68
	0.00	0.00	0.00	-0.15	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.85	-7.88	-20.06	-17.00	-17.88	-5.94	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	41.13	39.66	39.39	37.76	37.38	39.74	40.12	42.56	43.62	46.07	48.82	52.21	57.89	71.64	79.96	97.96	101.01	110.55	85.12	75.19	59.91	49.65	42.80	39.86
24261	2.94	2.28	2.33	2.30	2.14	2.14	2.34	3.37	3.45	3.77	4.03	4.22	4.93	5.73	6.01	7.59	8.12	8.96	7.00	6.08	4.44	4.10	3.68	2.68
	0.00	0.00	0.00	-0.15	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.85	-7.88	-20.06	-17.00	-17.88	-5.94	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	41.59	40.34	39.95	37.79	37.79	40.46	40.91	42.88	43.98	46.45	49.27	52.93	58.05	74.45	98.18	116.35	121.20	148.53	97.69	74.98	60.86	50.01	42.64	39.93
24011	3.40	2.95	2.89	2.65	2.71	2.86	3.14	3.68	3.82	4.15	4.48	4.94	5.08	6.64	6.61	6.19	6.60	7.28	6.28	5.87	5.38	4.46	3.52	2.75
	0.00	0.00	0.00	0.18	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.75	-25.51	-39.85	-38.71	-57.53	-19.24	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	42.16	40.82	40.43	38.25	38.25	40.99	41.44	43.46	44.63	47.13	49.94	53.74	58.79	75.56	99.38	117.48	122.35	149.87	98.54	75.68	61.58	50.56	43.03	40.38
23798	3.97	3.44	3.37	3.11	3.17	3.39	3.66	4.27	4.46	4.82	5.15	5.76	5.83	7.74	7.73	7.24	7.66	8.45	7.08	6.57	6.10	5.01	3.91	3.20
	0.00	0.00	0.00	0.18	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.76	-25.59	-39.93	-38.79	-57.70	-19.29	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	41.59	40.34	39.95	37.79	37.79	40.46	40.91	42.88	43.98	46.45	49.27	52.93	58.05	74.45	98.18	116.35	121.20	148.53	97.69	74.98	60.86	50.01	42.64	39.93
24028	3.40	2.95	2.89	2.65	2.71	2.86	3.14	3.68	3.82	4.15	4.48	4.94	5.08	6.64	6.61	6.19	6.60	7.28	6.28	5.87	5.38	4.46	3.52	2.75
	0.00	0.00	0.00	0.18	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.75	-25.51	-39.85	-38.71	-57.53	-19.24	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	40.29	39.07	38.58	36.33	36.33	39.11	39.66	41.66	42.74	44.97	47.61	51.01	56.41	71.56	90.96	109.95	113.94	135.87	92.82	73.87	59.25	48.60	41.63	39.04
23527	2.10	1.68	1.52	1.38	1.34	1.51	1.89	2.47	2.57	2.67	2.82	3.02	3.44	4.29	4.49	4.92	5.23	6.11	5.27	4.76	3.77	3.05	2.51	1.86
	0.00	0.00	0.00	0.36	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.20	-20.40	-34.73	-32.81	-46.05	-15.39	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	38.99	37.91	37.62	35.66	35.51	38.05	38.38	40.29	41.21	43.45	45.87	49.04	54.34	68.54	84.82	104.09	107.21	124.67	86.92	70.77	56.81	46.78	40.29	37.78
24190	0.80	0.52	0.56	0.49	0.42	0.45	0.60	1.10	1.04	1.14	1.07	1.06	1.38	1.63	1.59	1.90	1.97	2.18	1.80	1.66	1.33	1.23	1.17	0.59
	0.00	0.00	0.00	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.85	-17.17	-31.89	-29.34	-38.78	-12.94	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	37.01	36.60	36.28	34.61	34.42	36.85	36.83	37.66	38.64	40.44	42.77	45.83	50.58	62.39	63.42	67.21	72.78	79.70	69.29	66.34	53.31	43.55	37.79	36.48
355683	-1.18	-0.79	-0.78	-0.71	-0.74	-0.75	-0.94	-1.53	-1.53	-1.86	-2.02	-2.16	-2.38	-2.67	-2.64	-3.09	-3.11	-4.02	-2.89	-2.76	-2.16	-2.00	-1.33	-0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.99	37.91	37.62	35.66	35.51	38.05	38.38	40.29	41.21	43.45	45.87	49.04	54.34	68.54	84.82	104.09	107.21	124.67	86.92	70.77	56.81	46.78	40.29	37.78
23571	0.80	0.52	0.56	0.49	0.42	0.45	0.60	1.10	1.04	1.14	1.07	1.06	1.38	1.63	1.59	1.90	1.97	2.18	1.80	1.66	1.33	1.23	1.17	0.59
	0.00	0.00	0.00	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.85	-17.17	-31.89	-29.34	-38.78	-12.94	0.00	0.00	0.00	0.00	0.00
ALBANY___2	38.99	37.91	37.62	35.66	35.51	38.05	38.38	40.29	41.21	43.45	45.87	49.04	54.34	68.54	84.82	104.09	107.21	124.67	86.92	70.77	56.81	46.78	40.29	37.78
23572	0.80	0.52	0.56	0.49	0.42	0.45	0.60	1.10	1.04	1.14	1.07	1.06	1.38	1.63	1.59	1.90	1.97	2.18	1.80	1.66	1.33	1.23	1.17	0.59
	0.00	0.00	0.00	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.85	-17.17	-31.89	-29.34	-38.78	-12.94	0.00	0.00	0.00	0.00	0.00
ALBANY___3	38.99	37.91	37.62	35.66	35.51	38.05	38.38	40.29	41.21	43.45	45.87	49.04	54.34	68.54	84.82	104.09	107.21	124.67	86.92	70.77	56.81	46.78	40.29	37.78
23573	0.80	0.52	0.56	0.49	0.42	0.45	0.60	1.10	1.04	1.14	1.07	1.06	1.38	1.63	1.59	1.90	1.97	2.18	1.80	1.66	1.33	1.23	1.17	0.59
	0.00	0.00	0.00	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.85	-17.17	-31.89	-29.34	-38.78	-12.94	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	38.99 0.80 0.00	37.91 0.52 0.00	37.62 0.56 0.00	35.66 0.49 0.15	35.51 0.42 0.07	38.05 0.45 0.00	38.38 0.60 0.00	40.29 1.10 0.00	41.21 1.04 0.00	43.45 1.14 0.00	45.87 1.07 0.00	49.04 1.06 0.00	54.34 1.38 0.00	68.54 1.63 -1.85	84.82 1.59 -17.17	104.09 1.90 -31.89	107.21 1.97 -29.34	124.67 2.18 -38.78	86.92 1.80 -12.94	70.77 1.66 0.00	56.81 1.33 0.00	46.78 1.23 0.00	40.29 1.17 0.00	37.78 0.59 0.00
ALBANY___LFGE 323615	39.49 1.30 0.00	38.35 0.97 0.00	38.06 1.00 0.00	36.04 0.88 0.16	35.93 0.84 0.08	38.54 0.94 0.00	38.87 1.10 0.00	40.76 1.57 0.00	41.73 1.56 0.00	44.04 1.74 0.00	46.49 1.70 0.00	49.81 1.82 0.00	55.03 2.06 0.00	69.85 2.67 -2.12	88.39 2.71 -19.62	107.47 2.95 -34.21	111.09 3.11 -32.08	131.43 3.43 -44.28	89.85 2.89 -14.79	71.73 2.63 0.00	57.64 2.16 0.00	47.42 1.87 0.00	40.80 1.68 0.00	38.34 1.15 0.00
ALCOA_PA_115KV_PL-6C 55860	37.08 -1.11 0.00	36.67 -0.71 0.00	36.32 -0.74 0.00	34.65 -0.67 0.00	34.49 -0.67 0.00	36.92 -0.68 0.00	36.90 -0.87 0.00	37.70 -1.49 0.00	38.72 -1.45 0.00	40.28 -2.03 0.00	42.60 -2.19 0.00	45.59 -2.40 0.00	50.37 -2.60 0.00	62.20 -2.86 0.00	63.22 -2.84 0.00	66.86 -3.44 0.00	72.40 -3.49 0.00	79.20 -4.52 0.00	69.00 -3.18 0.00	66.07 -3.04 0.00	53.09 -2.39 0.00	43.32 -2.23 0.00	37.83 -1.29 0.00	36.59 -0.59 0.00
ALCOA_RYNLDS___DRP 24188	37.08 -1.11 0.00	36.67 -0.71 0.00	36.32 -0.74 0.00	34.65 -0.67 0.00	34.49 -0.67 0.00	36.92 -0.68 0.00	36.90 -0.87 0.00	37.70 -1.49 0.00	38.72 -1.45 0.00	40.28 -2.03 0.00	42.60 -2.19 0.00	45.59 -2.40 0.00	50.37 -2.60 0.00	62.20 -2.86 0.00	63.22 -2.84 0.00	66.86 -3.44 0.00	72.40 -3.49 0.00	79.20 -4.52 0.00	69.00 -3.18 0.00	66.07 -3.04 0.00	53.09 -2.39 0.00	43.32 -2.23 0.00	37.83 -1.29 0.00	36.59 -0.59 0.00
ALCOA___DSASP 323711	37.08 -1.11 0.00	36.67 -0.71 0.00	36.32 -0.74 0.00	34.65 -0.67 0.00	34.49 -0.67 0.00	36.92 -0.68 0.00	36.91 -0.87 0.00	37.70 -1.49 0.00	38.64 -1.53 0.00	40.28 -2.03 0.00	42.60 -2.19 0.00	45.59 -2.40 0.00	50.32 -2.65 0.00	62.20 -2.86 0.00	63.22 -2.84 0.00	66.86 -3.44 0.00	72.40 -3.49 0.00	79.28 -4.44 0.00	69.00 -3.17 0.00	66.07 -3.04 0.00	53.09 -2.38 0.00	43.36 -2.19 0.00	37.83 -1.29 0.00	36.44 -0.74 0.00
ALLEGHENY___COGEN 23514	40.14 1.95 0.00	38.84 1.46 0.00	38.14 1.08 0.00	36.45 1.13 0.00	36.39 1.23 0.00	38.99 1.39 0.00	39.40 1.62 0.00	40.60 1.41 0.00	41.85 1.69 0.00	43.74 1.44 0.00	46.58 1.79 0.00	49.85 1.87 0.00	52.23 -0.74 0.00	63.69 -1.49 -0.12	65.72 -1.45 -1.11	70.57 -2.95 -3.22	75.28 -3.26 -2.65	83.64 -2.60 -2.52	71.28 -1.73 -0.84	69.25 0.14 0.00	55.97 0.50 0.00	47.92 2.37 0.00	40.33 1.21 0.00	38.41 1.23 0.00
ALTAMONT_115KV_TB 2 55880	39.49 1.30 0.00	38.43 1.05 0.00	38.17 1.11 0.00	36.23 1.02 0.11	36.10 0.98 0.05	38.65 1.05 0.00	38.91 1.13 0.00	40.80 1.61 0.00	41.73 1.57 0.00	43.96 1.65 0.00	46.45 1.66 0.00	49.66 1.68 0.00	54.98 2.01 0.00	69.07 2.34 -1.66	83.85 2.38 -15.41	103.58 2.67 -30.61	106.55 2.88 -27.78	122.42 3.26 -35.44	86.46 2.67 -11.62	71.67 2.56 0.00	57.53 2.05 0.00	47.37 1.82 0.00	40.76 1.64 0.00	38.26 1.08 0.00
ALTONA_WT_PWR 323606	37.31 -0.88 0.00	36.90 -0.49 0.00	36.54 -0.52 0.00	34.90 -0.42 0.00	34.81 -0.35 0.00	37.26 -0.34 0.00	37.51 -0.26 0.00	38.45 -0.75 0.00	39.28 -0.88 0.00	41.29 -1.02 0.00	43.36 -1.44 0.00	46.40 -1.58 0.00	51.22 -1.75 0.00	63.24 -1.82 0.00	64.41 -1.65 0.00	67.91 -2.39 0.00	73.54 -2.35 0.00	80.12 -3.60 0.00	69.86 -2.31 0.00	66.90 -2.21 0.00	53.81 -1.66 0.00	43.77 -1.78 0.00	38.49 -0.63 0.00	37.07 -0.11 0.00
AMERICAN_REF_FUEL 24010	38.23 0.04 0.00	36.97 -0.41 0.00	36.35 -0.71 0.00	34.79 -0.53 0.00	34.78 -0.39 0.00	37.04 -0.56 0.00	37.36 -0.41 0.00	37.82 -1.37 0.00	39.09 -1.08 0.00	40.99 -1.31 0.00	43.89 -0.90 0.00	47.07 -0.91 0.00	52.12 -0.85 0.00	62.83 -2.34 -0.11	64.67 -2.38 -0.98	69.46 -3.73 -2.89	73.48 -4.78 -2.37	81.01 -4.94 -2.23	69.52 -3.39 -0.74	66.76 -2.35 0.00	54.26 -1.22 0.00	44.46 -1.09 0.00	37.67 -1.45 0.00	36.25 -0.93 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.14 1.95 0.00	38.80 1.42 0.00	38.14 1.08 0.00	36.48 1.16 0.00	36.46 1.30 0.00	38.95 1.35 0.00	39.40 1.62 0.00	40.21 1.02 0.00	41.65 1.49 0.00	43.70 1.39 0.00	46.76 1.97 0.00	50.19 2.21 0.00	55.51 2.54 0.00	67.00 1.82 -0.12	69.26 2.05 -1.15	73.90 0.28 -3.32	78.25 -0.38 -2.73	87.08 0.75 -2.61	74.40 1.37 -0.86	71.04 1.93 0.00	57.70 2.22 0.00	47.24 1.69 0.00	39.67 0.55 0.00	38.34 1.15 0.00
ARTHUR_KILL_GT_1 23520	40.82 2.63 0.00	39.75 2.36 -0.01	39.44 2.37 -0.01	37.74 2.26 -0.16	37.38 2.15 -0.08	39.74 2.14 0.00	39.85 2.08 0.00	40.94 3.02 1.27	42.62 3.05 0.60	42.95 3.39 2.74	42.21 3.31 5.89	42.17 3.50 9.32	43.14 3.97 13.80	88.81 4.81 -18.94	89.12 5.16 -17.90	111.19 6.96 -33.92	112.77 7.59 -29.29	117.69 8.45 -25.52	101.66 6.21 -23.28	85.34 5.25 -10.98	60.96 3.88 -1.61	49.23 3.69 0.01	42.77 3.60 -0.06	40.01 2.82 0.00
ARTHUR_KILL_2 23512	40.71 2.52 0.00	39.60 2.21 -0.01	39.33 2.26 -0.01	37.59 2.12 -0.16	37.24 2.00 -0.08	39.59 1.99 0.00	39.74 1.96 0.00	40.78 2.86 1.27	42.50 2.93 0.60	42.78 3.21 2.74	42.03 3.13 5.89	41.97 3.31 9.32	42.93 3.76 13.80	88.55 4.55 -18.94	88.85 4.89 -17.90	110.83 6.61 -33.92	112.39 7.21 -29.29	117.28 8.04 -25.52	101.37 5.92 -23.28	85.07 4.98 -10.98	60.69 3.60 -1.61	49.00 3.46 0.01	42.62 3.44 -0.06	39.90 2.71 0.00
ARTHUR_KILL_3 23513	40.51 2.33 0.01	39.10 1.72 0.00	38.84 1.78 0.00	37.23 1.77 -0.15	36.88 1.65 -0.07	39.14 1.54 0.00	39.55 1.78 0.00	40.66 2.74 1.27	42.39 2.81 0.59	42.66 3.09 2.73	42.13 3.23 5.89	42.13 3.46 9.31	43.04 3.86 13.79	46.42 4.62 23.26	57.01 4.96 14.01	74.07 6.46 2.70	81.77 6.98 1.10	89.90 7.70 1.51	60.59 5.84 17.42	53.07 4.98 21.02	49.58 3.55 9.45	42.13 3.42 6.84	42.13 3.09 0.08	39.44 2.27 0.01
ARTHUR_KILL_COGEN 323718	40.82 2.63 0.00	39.75 2.36 -0.01	39.44 2.37 -0.01	37.74 2.26 -0.16	37.38 2.15 -0.08	39.74 2.14 0.00	39.85 2.08 0.00	40.94 3.02 1.27	42.62 3.05 0.60	42.95 3.39 2.74	42.21 3.31 5.89	42.17 3.50 9.32	43.14 3.97 13.80	88.81 4.81 -18.94	89.12 5.16 -17.90	111.19 6.96 -33.92	112.77 7.59 -29.29	117.69 8.45 -25.52	101.66 6.21 -23.28	85.34 5.25 -10.98	60.96 3.88 -1.61	49.23 3.69 0.01	42.77 3.60 -0.06	40.01 2.82 0.00
ASHOKAN____ 23654	41.02 2.83 0.00	39.74 2.36 0.00	39.36 2.30 0.00	37.79 2.47 0.00	37.59 2.42 0.00	39.70 2.10 0.00	40.08 2.30 0.00	41.86 2.67 0.00	42.54 2.37 0.00	44.84 2.54 0.00	47.21 2.42 0.00	50.53 2.54 0.00	56.09 3.12 0.00	68.50 2.14 -1.29	80.20 2.18 -11.96	95.01 2.88 -21.82	98.33 4.17 -18.27	106.76 3.85 -19.19	84.58 3.39 -9.02	73.81 4.70 0.00	59.08 3.60 0.00	48.97 3.42 0.00	40.96 1.84 0.00	39.56 2.38 0.00

ASTORIA_EAST_ENERGY_CC1 323581	40.82 2.63 0.00	39.18 1.79 0.00	38.95 1.89 0.00	37.13 1.66 -0.15	36.70 1.48 -0.06	39.02 1.43 0.01	39.39 1.62 0.01	41.85 2.67 0.01	42.89 2.73 0.01	45.26 2.96 0.01	47.78 3.00 0.01	51.29 3.31 0.01	57.04 4.08 0.01	70.72 4.81 -0.84	79.09 5.16 -7.88	97.04 6.68 -20.06	100.17 7.29 -16.99	109.63 8.04 -17.87	84.10 5.99 -5.94	74.22 5.11 0.01	59.24 3.77 0.01	48.68 3.14 0.01	42.25 3.13 0.00	39.67 2.49 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.82 2.63 0.00	39.18 1.79 0.00	38.95 1.89 0.00	37.13 1.66 -0.15	36.70 1.48 -0.06	39.02 1.43 0.01	39.39 1.62 0.01	41.85 2.67 0.01	42.89 2.73 0.01	45.26 2.96 0.01	47.78 3.00 0.01	51.29 3.31 0.01	57.04 4.08 0.01	70.72 4.81 -0.84	79.09 5.16 -7.88	97.04 6.68 -20.06	100.17 7.29 -16.99	109.63 8.04 -17.87	84.10 5.99 -5.94	74.22 5.11 0.01	59.24 3.77 0.01	48.68 3.14 0.01	42.25 3.13 0.00	39.67 2.49 0.00
ASTORIA_GT2_1 24094	40.86 2.67 0.00	39.22 1.83 0.00	38.95 1.89 0.00	37.20 1.73 -0.15	36.78 1.55 -0.07	39.10 1.50 0.00	39.44 1.66 0.00	41.86 2.67 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.93 3.14 0.00	51.29 3.31 0.01	57.20 4.24 0.01	70.78 4.88 -0.84	79.09 5.15 -7.88	97.04 6.68 -20.06	100.09 7.21 -16.99	109.54 7.95 -17.87	84.17 6.06 -5.94	74.35 5.25 0.01	59.30 3.83 0.01	48.73 3.19 0.01	42.25 3.13 0.00	39.52 2.34 0.00
ASTORIA_GT2_2 24095	40.86 2.67 0.00	39.22 1.83 0.00	38.95 1.89 0.00	37.20 1.73 -0.15	36.78 1.55 -0.07	39.10 1.50 0.00	39.44 1.66 0.00	41.86 2.67 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.93 3.14 0.00	51.29 3.31 0.01	57.20 4.24 0.01	70.78 4.88 -0.84	79.09 5.15 -7.88	97.04 6.68 -20.06	100.09 7.21 -16.99	109.54 7.95 -17.87	84.17 6.06 -5.94	74.35 5.25 0.01	59.30 3.83 0.01	48.73 3.19 0.01	42.25 3.13 0.00	39.52 2.34 0.00
ASTORIA_GT2_3 24096	40.86 2.67 0.00	39.22 1.83 0.00	38.95 1.89 0.00	37.20 1.73 -0.15	36.78 1.55 -0.07	39.10 1.50 0.00	39.44 1.66 0.00	41.86 2.67 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.93 3.14 0.00	51.29 3.31 0.01	57.20 4.24 0.01	70.78 4.88 -0.84	79.09 5.15 -7.88	97.04 6.68 -20.06	100.09 7.21 -16.99	109.54 7.95 -17.87	84.17 6.06 -5.94	74.35 5.25 0.01	59.30 3.83 0.01	48.73 3.19 0.01	42.25 3.13 0.00	39.52 2.34 0.00
ASTORIA_GT2_4 24097	40.86 2.67 0.00	39.22 1.83 0.00	38.95 1.89 0.00	37.20 1.73 -0.15	36.78 1.55 -0.07	39.10 1.50 0.00	39.44 1.66 0.00	41.86 2.67 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.93 3.14 0.00	51.29 3.31 0.01	57.20 4.24 0.01	70.78 4.88 -0.84	79.09 5.15 -7.88	97.04 6.68 -20.06	100.09 7.21 -16.99	109.54 7.95 -17.87	84.17 6.06 -5.94	74.35 5.25 0.01	59.30 3.83 0.01	48.73 3.19 0.01	42.25 3.13 0.00	39.52 2.34 0.00
ASTORIA_GT3_1 24098	40.86 2.67 0.00	39.22 1.83 0.00	38.95 1.89 0.00	37.20 1.73 -0.15	36.78 1.55 -0.07	39.10 1.50 0.00	39.44 1.66 0.00	41.86 2.67 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.93 3.14 0.00	51.29 3.31 0.01	57.20 4.24 0.01	70.78 4.88 -0.84	79.09 5.15 -7.88	97.04 6.68 -20.06	100.09 7.21 -16.99	109.54 7.95 -17.87	84.17 6.06 -5.94	74.35 5.25 0.01	59.30 3.83 0.01	48.73 3.19 0.01	42.25 3.13 0.00	39.52 2.34 0.00
ASTORIA_GT3_2 24099	40.86 2.67 0.00	39.22 1.83 0.00	38.95 1.89 0.00	37.20 1.73 -0.15	36.78 1.55 -0.07	39.10 1.50 0.00	39.44 1.66 0.00	41.86 2.67 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.93 3.14 0.00	51.29 3.31 0.01	57.20 4.24 0.01	70.78 4.88 -0.84	79.09 5.15 -7.88	97.04 6.68 -20.06	100.09 7.21 -16.99	109.54 7.95 -17.87	84.17 6.06 -5.94	74.35 5.25 0.01	59.30 3.83 0.01	48.73 3.19 0.01	42.25 3.13 0.00	39.52 2.34 0.00
ASTORIA_GT3_3 24100	40.86 2.67 0.00	39.22 1.83 0.00	38.95 1.89 0.00	37.20 1.73 -0.15	36.78 1.55 -0.07	39.10 1.50 0.00	39.44 1.66 0.00	41.86 2.67 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.93 3.14 0.00	51.29 3.31 0.01	57.20 4.24 0.01	70.78 4.88 -0.84	79.09 5.15 -7.88	97.04 6.68 -20.06	100.09 7.21 -16.99	109.54 7.95 -17.87	84.17 6.06 -5.94	74.35 5.25 0.01	59.30 3.83 0.01	48.73 3.19 0.01	42.25 3.13 0.00	39.52 2.34 0.00
ASTORIA_GT3_4 24101	40.86 2.67 0.00	39.22 1.83 0.00	38.95 1.89 0.00	37.20 1.73 -0.15	36.78 1.55 -0.07	39.10 1.50 0.00	39.44 1.66 0.00	41.86 2.67 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.93 3.14 0.00	51.29 3.31 0.01	57.20 4.24 0.01	70.78 4.88 -0.84	79.09 5.15 -7.88	97.04 6.68 -20.06	100.09 7.21 -16.99	109.54 7.95 -17.87	84.17 6.06 -5.94	74.35 5.25 0.01	59.30 3.83 0.01	48.73 3.19 0.01	42.25 3.13 0.00	39.52 2.34 0.00
ASTORIA_GT4_1 24102	40.86 2.67 0.00	39.22 1.83 0.00	38.95 1.89 0.00	37.20 1.73 -0.15	36.78 1.55 -0.07	39.10 1.50 0.00	39.44 1.66 0.00	41.86 2.67 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.93 3.14 0.00	51.29 3.31 0.01	57.20 4.24 0.01	70.78 4.88 -0.84	79.09 5.15 -7.88	97.04 6.68 -20.06	100.09 7.21 -16.99	109.54 7.95 -17.87	84.17 6.06 -5.94	74.35 5.25 0.01	59.30 3.83 0.01	48.73 3.19 0.01	42.25 3.13 0.00	39.52 2.34 0.00
ASTORIA_GT4_2 24103	40.86 2.67 0.00	39.22 1.83 0.00	38.95 1.89 0.00	37.20 1.73 -0.15	36.78 1.55 -0.07	39.10 1.50 0.00	39.44 1.66 0.00	41.86 2.67 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.93 3.14 0.00	51.29 3.31 0.01	57.20 4.24 0.01	70.78 4.88 -0.84	79.09 5.15 -7.88	97.04 6.68 -20.06	100.09 7.21 -16.99	109.54 7.95 -17.87	84.17 6.06 -5.94	74.35 5.25 0.01	59.30 3.83 0.01	48.73 3.19 0.01	42.25 3.13 0.00	39.52 2.34 0.00
ASTORIA_GT4_3 24104	40.86 2.67 0.00	39.22 1.83 0.00	38.95 1.89 0.00	37.20 1.73 -0.15	36.78 1.55 -0.07	39.10 1.50 0.00	39.44 1.66 0.00	41.86 2.67 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.93 3.14 0.00	51.29 3.31 0.01	57.20 4.24 0.01	70.78 4.88 -0.84	79.09 5.15 -7.88	97.04 6.68 -20.06	100.09 7.21 -16.99	109.54 7.95 -17.87	84.17 6.06 -5.94	74.35 5.25 0.01	59.30 3.83 0.01	48.73 3.19 0.01	42.25 3.13 0.00	39.52 2.34 0.00
ASTORIA_GT4_4 24105	40.86 2.67 0.00	39.22 1.83 0.00	38.95 1.89 0.00	37.20 1.73 -0.15	36.78 1.55 -0.07	39.10 1.50 0.00	39.44 1.66 0.00	41.86 2.67 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.93 3.14 0.00	51.29 3.31 0.01	57.20 4.24 0.01	70.78 4.88 -0.84	79.09 5.15 -7.88	97.04 6.68 -20.06	100.09 7.21 -16.99	109.54 7.95 -17.87	84.17 6.06 -5.94	74.35 5.25 0.01	59.30 3.83 0.01	48.73 3.19 0.01	42.25 3.13 0.00	39.52 2.34 0.00
ASTORIA_GT_1 23523	40.94 2.75 0.00	39.29 1.91 0.00	39.06 2.00 0.00	37.23 1.77 -0.15	36.81 1.58 -0.06	39.13 1.54 0.01	39.50 1.74 0.01	41.97 2.78 0.01	43.05 2.89 0.01	45.43 3.13 0.01	47.92 3.13 0.01	51.48 3.50 0.01	57.20 4.24 0.01	70.98 5.08 -0.84	79.36 5.42 -7.88	97.32 6.96 -20.06	100.47 7.59 -16.99	109.96 8.37 -17.87	84.38 6.28 -5.94	74.50 5.39 0.01	59.46 4.00 0.01	48.87 3.32 0.01	42.37 3.25 0.00	39.78 2.60 0.00

ASTORIA_GT_10 24110	40.83 2.64 0.00	39.37 1.98 0.00	39.10 2.04 0.00	37.44 1.98 -0.15	37.02 1.79 -0.07	39.40 1.80 0.00	39.74 1.96 0.00	42.13 2.94 0.00	43.14 2.97 0.00	45.52 3.22 0.00	48.15 3.36 0.00	51.43 3.45 0.01	57.09 4.13 0.01	61.09 4.68 8.66	72.49 4.95 -1.47	89.55 6.47 -12.78	93.42 6.98 -10.55	105.29 7.70 -13.87	74.92 5.92 3.17	65.10 5.04 9.05	58.23 3.61 0.85	48.96 3.42 0.01	42.45 3.33 0.00	39.64 2.45 0.00
ASTORIA_GT_11 24225	40.83 2.64 0.00	39.37 1.98 0.00	39.10 2.04 0.00	37.44 1.98 -0.15	37.02 1.79 -0.07	39.40 1.80 0.00	39.74 1.96 0.00	42.13 2.94 0.00	43.14 2.97 0.00	45.52 3.22 0.00	48.15 3.36 0.00	51.43 3.45 0.01	57.09 4.13 0.01	61.09 4.68 8.66	72.49 4.95 -1.47	89.55 6.47 -12.78	93.42 6.98 -10.55	105.29 7.70 -13.87	74.92 5.92 3.17	65.10 5.04 9.05	58.23 3.61 0.85	48.96 3.42 0.01	42.45 3.33 0.00	39.64 2.45 0.00
ASTORIA_GT_12 24226	40.83 2.64 0.00	39.37 1.98 0.00	39.10 2.04 0.00	37.44 1.98 -0.15	37.02 1.79 -0.07	39.40 1.80 0.00	39.74 1.96 0.00	42.13 2.94 0.00	43.14 2.97 0.00	45.52 3.22 0.00	48.15 3.36 0.00	51.43 3.45 0.01	57.09 4.13 0.01	61.09 4.68 8.66	72.49 4.95 -1.47	89.55 6.47 -12.78	93.42 6.98 -10.55	105.29 7.70 -13.87	74.92 5.92 3.17	65.10 5.04 9.05	58.23 3.61 0.85	48.96 3.42 0.01	42.45 3.33 0.00	39.64 2.45 0.00
ASTORIA_GT_13 24227	40.83 2.64 0.00	39.37 1.98 0.00	39.10 2.04 0.00	37.44 1.98 -0.15	37.02 1.79 -0.07	39.40 1.80 0.00	39.74 1.96 0.00	42.13 2.94 0.00	43.14 2.97 0.00	45.52 3.22 0.00	48.15 3.36 0.00	51.43 3.45 0.01	57.09 4.13 0.01	61.09 4.68 8.66	72.49 4.95 -1.47	89.55 6.47 -12.78	93.42 6.98 -10.55	105.29 7.70 -13.87	74.92 5.92 3.17	65.10 5.04 9.05	58.23 3.61 0.85	48.96 3.42 0.01	42.45 3.33 0.00	39.64 2.45 0.00
ASTORIA_GT_5 24106	40.94 2.75 0.00	39.29 1.91 0.00	39.06 2.00 0.00	37.23 1.77 -0.15	36.81 1.58 -0.06	39.13 1.54 0.01	39.50 1.74 0.01	41.97 2.78 0.01	43.05 2.89 0.01	45.43 3.13 0.01	47.92 3.13 0.01	51.48 3.50 0.01	57.20 4.24 0.01	70.98 5.08 -0.84	79.36 5.42 -7.88	97.32 6.96 -20.06	100.47 7.59 -16.99	109.96 8.37 -17.87	84.38 6.28 -5.94	74.50 5.39 0.01	59.46 4.00 0.01	48.87 3.32 0.01	42.37 3.25 0.00	39.78 2.60 0.00
ASTORIA_GT_7 24107	40.94 2.75 0.00	39.29 1.91 0.00	39.06 2.00 0.00	37.23 1.77 -0.15	36.81 1.58 -0.06	39.13 1.54 0.01	39.50 1.74 0.01	41.97 2.78 0.01	43.05 2.89 0.01	45.43 3.13 0.01	47.92 3.13 0.01	51.48 3.50 0.01	57.20 4.24 0.01	70.98 5.08 -0.84	79.36 5.42 -7.88	97.32 6.96 -20.06	100.47 7.59 -16.99	109.96 8.37 -17.87	84.38 6.28 -5.94	74.50 5.39 0.01	59.46 4.00 0.01	48.87 3.32 0.01	42.37 3.25 0.00	39.78 2.60 0.00
ASTORIA_GT_8 24108	40.94 2.75 0.00	39.29 1.91 0.00	39.06 2.00 0.00	37.27 1.80 -0.15	36.85 1.62 -0.07	39.18 1.58 0.00	39.51 1.74 0.00	41.97 2.78 0.00	43.02 2.85 0.00	45.44 3.13 0.00	48.06 3.27 0.00	51.48 3.50 0.01	57.41 4.45 0.01	70.98 5.07 -0.84	79.29 5.35 -7.88	97.25 6.89 -20.06	100.40 7.51 -16.99	109.88 8.29 -17.87	84.39 6.28 -5.94	74.56 5.46 0.01	59.46 3.99 0.01	48.87 3.33 0.01	42.37 3.25 0.00	39.60 2.42 0.00
ASTORIA___2 24149	40.86 2.67 0.00	39.22 1.83 0.00	38.95 1.89 0.00	37.16 1.70 -0.15	36.73 1.51 -0.06	39.06 1.46 0.01	39.43 1.66 0.01	41.85 2.67 0.01	42.93 2.77 0.01	45.30 3.00 0.01	47.78 3.00 0.01	51.29 3.31 0.01	57.04 4.08 0.01	70.79 4.88 -0.84	79.09 5.16 -7.88	97.11 6.75 -20.06	100.17 7.29 -16.99	109.71 8.12 -17.87	84.17 6.06 -5.94	74.29 5.19 0.01	59.29 3.82 0.01	48.73 3.19 0.01	42.25 3.13 0.00	39.67 2.49 0.00
ASTORIA___3 23516	40.82 2.63 0.00	39.36 1.98 0.00	39.13 2.07 0.00	37.37 1.91 -0.15	37.02 1.79 -0.07	39.37 1.77 0.00	39.74 1.96 0.00	42.13 2.94 0.00	43.14 2.97 0.00	45.52 3.21 0.00	48.02 3.23 0.00	51.43 3.46 0.01	56.88 3.92 0.01	61.09 4.69 8.66	72.49 4.96 -1.47	89.62 6.54 -12.78	93.57 7.13 -10.55	105.37 7.79 -13.87	74.92 5.92 3.17	65.04 4.98 9.05	58.23 3.60 0.85	48.96 3.42 0.01	42.49 3.36 0.00	39.78 2.60 0.00
ASTORIA___4 23517	40.83 2.64 0.00	39.37 1.98 0.00	39.10 2.04 0.00	37.44 1.98 -0.15	37.02 1.79 -0.07	39.40 1.80 0.00	39.74 1.96 0.00	42.13 2.94 0.00	43.14 2.97 0.00	45.52 3.22 0.00	48.15 3.36 0.00	51.43 3.45 0.01	57.09 4.13 0.01	61.09 4.68 8.66	72.49 4.95 -1.47	89.55 6.47 -12.78	93.42 6.98 -10.55	105.29 7.70 -13.87	74.92 5.92 3.17	65.10 5.04 9.05	58.23 3.61 0.85	48.96 3.42 0.01	42.45 3.33 0.00	39.64 2.45 0.00
ASTORIA___5 23518	40.82 2.63 0.00	39.36 1.98 0.00	39.13 2.07 0.00	37.37 1.91 -0.15	37.02 1.79 -0.07	39.37 1.77 0.00	39.74 1.96 0.00	42.13 2.94 0.00	43.14 2.97 0.00	45.52 3.21 0.00	48.02 3.23 0.00	51.43 3.46 0.01	56.88 3.92 0.01	61.09 4.69 8.66	72.49 4.96 -1.47	89.62 6.54 -12.78	93.57 7.13 -10.55	105.37 7.79 -13.87	74.92 5.92 3.17	65.04 4.98 9.05	58.23 3.60 0.85	48.96 3.42 0.01	42.49 3.36 0.00	39.78 2.60 0.00
AST_ENERGY_2_CC3 323677	40.75 2.56 0.00	39.29 1.91 0.00	39.02 1.96 0.00	37.37 1.91 -0.15	37.02 1.79 -0.07	39.33 1.73 0.00	39.74 1.96 0.00	42.17 2.98 0.00	43.18 3.01 0.00	45.61 3.30 0.00	48.19 3.40 0.00	51.68 3.70 0.00	57.10 4.13 0.00	70.85 4.94 -0.85	79.23 5.29 -7.88	97.19 6.82 -20.06	100.25 7.36 -17.00	109.63 8.04 -17.88	84.32 6.21 -5.94	74.36 5.25 0.00	59.30 3.82 0.00	49.20 3.65 0.00	42.41 3.29 0.00	39.67 2.49 0.00
AST_ENERGY_2_CC4 323678	40.75 2.56 0.00	39.29 1.91 0.00	39.02 1.96 0.00	37.37 1.91 -0.15	37.02 1.79 -0.07	39.33 1.73 0.00	39.74 1.96 0.00	42.17 2.98 0.00	43.18 3.01 0.00	45.61 3.30 0.00	48.19 3.40 0.00	51.68 3.70 0.00	57.10 4.13 0.00	70.85 4.94 -0.85	79.23 5.29 -7.88	97.19 6.82 -20.06	100.25 7.36 -17.00	109.63 8.04 -17.88	84.32 6.21 -5.94	74.36 5.25 0.00	59.30 3.82 0.00	49.20 3.65 0.00	42.41 3.29 0.00	39.67 2.49 0.00
ATHENS_STG_1 23668	39.53 1.34 0.00	38.43 1.05 0.00	38.21 1.15 0.00	36.42 1.06 -0.05	36.17 0.98 -0.02	38.62 1.02 0.00	38.91 1.13 0.00	40.88 1.68 0.00	41.82 1.65 0.00	44.12 1.82 0.00	46.63 1.84 0.00	49.91 1.92 0.00	55.14 2.17 0.00	68.57 2.61 -0.91	77.10 2.65 -8.39	95.65 3.17 -22.18	97.94 3.42 -18.63	106.62 3.85 -19.05	81.53 3.03 -6.33	71.88 2.77 0.00	57.58 2.11 0.00	47.51 1.96 0.00	40.84 1.72 0.00	38.37 1.19 0.00
ATHENS_STG_2 23670	39.53 1.34 0.00	38.43 1.05 0.00	38.21 1.15 0.00	36.42 1.06 -0.05	36.17 0.98 -0.02	38.62 1.02 0.00	38.91 1.13 0.00	40.88 1.68 0.00	41.82 1.65 0.00	44.12 1.82 0.00	46.63 1.84 0.00	49.91 1.92 0.00	55.14 2.17 0.00	68.57 2.61 -0.91	77.10 2.65 -8.39	95.65 3.17 -22.18	97.94 3.42 -18.63	106.62 3.85 -19.05	81.53 3.03 -6.33	71.88 2.77 0.00	57.58 2.11 0.00	47.51 1.96 0.00	40.84 1.72 0.00	38.37 1.19 0.00

ATHENS_STG_3 23677	39.53 1.34 0.00	38.43 1.05 0.00	38.21 1.15 0.00	36.42 1.06 -0.05	36.17 0.98 -0.02	38.62 1.02 0.00	38.91 1.13 0.00	40.88 1.68 0.00	41.82 1.65 0.00	44.12 1.82 0.00	46.63 1.84 0.00	49.91 1.92 0.00	55.14 2.17 0.00	68.57 2.61 -0.91	77.10 2.65 -8.39	95.65 3.17 -22.18	97.94 3.42 -18.63	106.62 3.85 -19.05	81.53 3.03 -6.33	71.88 2.77 0.00	57.58 2.11 0.00	47.51 1.96 0.00	40.84 1.72 0.00	38.37 1.19 0.00
AUBURN____LFGE 323710	39.30 1.11 0.00	38.21 0.82 0.00	37.76 0.70 0.00	35.99 0.67 0.00	35.90 0.74 0.00	38.39 0.79 0.00	38.83 1.06 0.00	40.41 1.21 0.00	41.61 1.45 0.00	44.00 1.69 0.00	46.67 1.88 0.00	50.05 2.06 0.00	55.03 2.07 0.00	67.81 2.67 -0.08	69.49 2.64 -0.78	75.20 2.53 -2.36	80.40 2.58 -1.93	88.76 3.26 -1.78	75.50 2.74 -0.59	71.74 2.63 0.00	57.70 2.22 0.00	47.28 1.73 0.00	40.10 0.98 0.00	38.00 0.82 0.00
BABYLON_RES_REC 323704	46.89 3.74 -4.96	45.03 3.14 -4.50	43.07 3.15 -2.86	38.51 3.04 -0.16	38.19 2.95 -0.08	40.75 3.08 -0.06	42.19 3.32 -1.09	44.66 4.27 -1.20	45.54 4.38 -1.00	47.78 4.61 -0.86	50.17 3.58 -1.80	56.78 3.26 -5.53	62.47 3.86 -5.64	89.13 4.88 -19.18	94.09 5.61 -22.41	112.27 7.38 -34.58	113.93 7.66 -30.38	125.58 8.21 -33.65	96.24 6.13 -17.94	86.02 4.91 -12.00	65.97 3.55 -6.94	55.16 3.96 -5.65	44.58 3.48 -1.98	42.14 3.87 -1.09
BABYLON__69_KV_BK2 356345	48.93 4.32 -6.42	45.60 3.70 -4.51	43.63 3.71 -2.87	39.11 3.64 -0.15	38.75 3.52 -0.07	41.35 3.68 -0.06	43.06 3.89 -1.39	46.26 4.82 -2.24	47.44 4.94 -2.33	50.22 5.20 -2.71	55.09 4.61 -5.69	62.87 4.46 -10.42	68.95 5.35 -10.64	130.44 6.51 -58.87	127.25 7.33 -53.85	145.44 9.14 -66.00	144.70 9.49 -59.32	161.81 10.30 -67.79	123.93 7.87 -43.90	113.73 6.63 -37.98	82.32 4.88 -21.96	68.39 4.96 -17.87	48.04 4.26 -4.66	44.18 3.90 -3.10
BALL_HILL_WT_PWR 323825	39.57 1.37 0.00	38.24 0.86 0.00	37.62 0.56 0.00	35.78 0.46 0.00	35.87 0.70 0.00	38.31 0.71 0.00	38.72 0.94 0.00	39.47 0.27 0.00	40.69 0.52 0.00	42.81 0.51 0.00	45.73 0.94 0.00	49.14 1.15 0.00	53.76 0.79 0.00	65.64 0.46 -0.12	67.84 0.66 -1.11	72.40 -1.12 -3.22	76.73 -1.82 -2.65	85.41 -0.84 -2.53	72.94 -0.07 -0.84	69.73 0.62 0.00	56.53 1.05 0.00	46.32 0.77 0.00	39.28 0.16 0.00	37.67 0.48 0.00
BARON_WINDS____WT_PWR 323822	39.38 1.19 0.00	38.13 0.75 0.00	37.62 0.56 0.00	35.92 0.60 0.00	35.87 0.70 0.00	38.31 0.71 0.00	38.68 0.91 0.00	39.86 0.67 0.00	41.17 1.00 0.00	43.32 1.01 0.00	46.22 1.43 0.00	49.47 1.49 0.00	54.61 1.64 0.00	66.45 1.23 -0.16	68.85 1.32 -1.47	74.59 0.14 -4.14	79.17 -0.15 -3.43	87.80 0.75 -3.33	74.36 1.08 -1.11	70.56 1.45 0.00	56.97 1.50 0.00	46.78 1.23 0.00	39.43 0.31 0.00	37.74 0.56 0.00
BARRETT_IC_1 23704	45.50 3.13 -4.17	44.47 2.58 -4.51	42.55 2.63 -2.86	38.06 2.58 -0.16	37.71 2.46 -0.09	40.15 2.48 -0.07	41.19 2.53 -0.89	43.14 3.41 -0.54	43.63 3.45 -0.01	46.08 3.76 -0.01	48.10 3.31 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.46 4.55 -0.84	79.10 5.16 -7.88	97.12 6.75 -20.06	99.95 7.06 -17.00	109.13 7.54 -17.88	83.67 5.56 -5.94	73.59 4.49 0.01	58.69 3.22 0.00	49.42 3.87 0.00	42.25 3.13 0.00	40.16 2.98 0.00
BARRETT_IC_10 23701	45.50 3.13 -4.17	44.47 2.58 -4.51	42.55 2.63 -2.86	38.06 2.58 -0.16	37.71 2.46 -0.09	40.15 2.48 -0.07	41.19 2.53 -0.89	43.14 3.41 -0.54	43.63 3.45 -0.01	46.08 3.76 -0.01	48.10 3.31 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.46 4.55 -0.84	79.10 5.16 -7.88	97.12 6.75 -20.06	99.95 7.06 -17.00	109.13 7.54 -17.88	83.67 5.56 -5.94	73.59 4.49 0.01	58.69 3.22 0.00	49.42 3.87 0.00	42.25 3.13 0.00	40.16 2.98 0.00
BARRETT_IC_11 23702	45.50 3.13 -4.17	44.47 2.58 -4.51	42.55 2.63 -2.86	38.06 2.58 -0.16	37.71 2.46 -0.09	40.15 2.48 -0.07	41.19 2.53 -0.89	43.14 3.41 -0.54	43.63 3.45 -0.01	46.08 3.76 -0.01	48.10 3.31 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.46 4.55 -0.84	79.10 5.16 -7.88	97.12 6.75 -20.06	99.95 7.06 -17.00	109.13 7.54 -17.88	83.67 5.56 -5.94	73.59 4.49 0.01	58.69 3.22 0.00	49.42 3.87 0.00	42.25 3.13 0.00	40.16 2.98 0.00
BARRETT_IC_12 23703	45.50 3.13 -4.17	44.47 2.58 -4.51	42.55 2.63 -2.86	38.06 2.58 -0.16	37.71 2.46 -0.09	40.15 2.48 -0.07	41.19 2.53 -0.89	43.14 3.41 -0.54	43.63 3.45 -0.01	46.08 3.76 -0.01	48.10 3.31 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.46 4.55 -0.84	79.10 5.16 -7.88	97.12 6.75 -20.06	99.95 7.06 -17.00	109.13 7.54 -17.88	83.67 5.56 -5.94	73.59 4.49 0.01	58.69 3.22 0.00	49.42 3.87 0.00	42.25 3.13 0.00	40.16 2.98 0.00
BARRETT_IC_2 23705	45.50 3.13 -4.17	44.47 2.58 -4.51	42.55 2.63 -2.86	38.06 2.58 -0.16	37.71 2.46 -0.09	40.15 2.48 -0.07	41.19 2.53 -0.89	43.14 3.41 -0.54	43.63 3.45 -0.01	46.08 3.76 -0.01	48.10 3.31 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.46 4.55 -0.84	79.10 5.16 -7.88	97.12 6.75 -20.06	99.95 7.06 -17.00	109.13 7.54 -17.88	83.67 5.56 -5.94	73.59 4.49 0.01	58.69 3.22 0.00	49.42 3.87 0.00	42.25 3.13 0.00	40.16 2.98 0.00
BARRETT_IC_3 23706	45.50 3.13 -4.17	44.47 2.58 -4.51	42.55 2.63 -2.86	38.06 2.58 -0.16	37.71 2.46 -0.09	40.15 2.48 -0.07	41.19 2.53 -0.89	43.14 3.41 -0.54	43.63 3.45 -0.01	46.08 3.76 -0.01	48.10 3.31 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.46 4.55 -0.84	79.10 5.16 -7.88	97.12 6.75 -20.06	99.95 7.06 -17.00	109.13 7.54 -17.88	83.67 5.56 -5.94	73.59 4.49 0.01	58.69 3.22 0.00	49.42 3.87 0.00	42.25 3.13 0.00	40.16 2.98 0.00
BARRETT_IC_4 23707	45.50 3.13 -4.17	44.47 2.58 -4.51	42.55 2.63 -2.86	38.06 2.58 -0.16	37.71 2.46 -0.09	40.15 2.48 -0.07	41.19 2.53 -0.89	43.14 3.41 -0.54	43.63 3.45 -0.01	46.08 3.76 -0.01	48.10 3.31 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.46 4.55 -0.84	79.10 5.16 -7.88	97.12 6.75 -20.06	99.95 7.06 -17.00	109.13 7.54 -17.88	83.67 5.56 -5.94	73.59 4.49 0.01	58.69 3.22 0.00	49.42 3.87 0.00	42.25 3.13 0.00	40.16 2.98 0.00
BARRETT_IC_5 23708	45.50 3.13 -4.17	44.47 2.58 -4.51	42.55 2.63 -2.86	38.06 2.58 -0.16	37.71 2.46 -0.09	40.15 2.48 -0.07	41.19 2.53 -0.89	43.14 3.41 -0.54	43.63 3.45 -0.01	46.08 3.76 -0.01	48.10 3.31 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.46 4.55 -0.84	79.10 5.16 -7.88	97.12 6.75 -20.06	99.95 7.06 -17.00	109.13 7.54 -17.88	83.67 5.56 -5.94	73.59 4.49 0.01	58.69 3.22 0.00	49.42 3.87 0.00	42.25 3.13 0.00	40.16 2.98 0.00
BARRETT_IC_6 23709	45.50 3.13 -4.17	44.47 2.58 -4.51	42.55 2.63 -2.86	38.06 2.58 -0.16	37.71 2.46 -0.09	40.15 2.48 -0.07	41.19 2.53 -0.89	43.14 3.41 -0.54	43.63 3.45 -0.01	46.08 3.76 -0.01	48.10 3.31 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.46 4.55 -0.84	79.10 5.16 -7.88	97.12 6.75 -20.06	99.95 7.06 -17.00	109.13 7.54 -17.88	83.67 5.56 -5.94	73.59 4.49 0.01	58.69 3.22 0.00	49.42 3.87 0.00	42.25 3.13 0.00	40.16 2.98 0.00

BARRETT_IC_7 23710	45.49 3.13 -4.17	44.46 2.58 -4.50	42.55 2.63 -2.85	38.08 2.61 -0.15	37.69 2.46 -0.07	40.14 2.48 -0.06	41.19 2.53 -0.89	43.14 3.41 -0.54	43.58 3.41 0.00	46.07 3.77 0.00	48.19 3.40 0.00	51.39 3.41 0.00	57.05 4.08 0.00	70.47 4.55 -0.85	79.10 5.15 -7.89	97.13 6.75 -20.07	99.96 7.06 -17.01	109.14 7.53 -17.89	83.68 5.56 -5.95	73.60 4.49 0.00	58.69 3.22 0.00	49.33 3.78 0.00	42.25 3.13 0.00	39.71 2.53 0.00
BARRETT_IC_8 23711	45.50 3.13 -4.17	44.47 2.58 -4.51	42.55 2.63 -2.86	38.06 2.58 -0.16	37.71 2.46 -0.09	40.15 2.48 -0.07	41.19 2.53 -0.89	43.14 3.41 -0.54	43.63 3.45 -0.01	46.08 3.76 -0.01	48.10 3.31 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.46 4.55 -0.84	79.10 5.16 -7.88	97.12 6.75 -20.06	99.95 7.06 -17.00	109.13 7.54 -17.88	83.67 5.56 -5.94	73.59 4.49 0.01	58.69 3.22 0.00	49.42 3.87 0.00	42.25 3.13 0.00	40.16 2.98 0.00
BARRETT_IC_9 23700	45.50 3.13 -4.17	44.47 2.58 -4.51	42.55 2.63 -2.86	38.06 2.58 -0.16	37.71 2.46 -0.09	40.15 2.48 -0.07	41.19 2.53 -0.89	43.14 3.41 -0.54	43.63 3.45 -0.01	46.08 3.76 -0.01	48.10 3.31 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.46 4.55 -0.84	79.10 5.16 -7.88	97.12 6.75 -20.06	99.95 7.06 -17.00	109.13 7.54 -17.88	83.67 5.56 -5.94	73.59 4.49 0.01	58.69 3.22 0.00	49.42 3.87 0.00	42.25 3.13 0.00	40.16 2.98 0.00
BARRETT___1 23545	45.50 3.13 -4.17	44.47 2.58 -4.51	42.55 2.63 -2.86	38.06 2.58 -0.16	37.71 2.46 -0.09	40.15 2.48 -0.07	41.19 2.53 -0.89	43.14 3.41 -0.54	43.63 3.45 -0.01	46.08 3.76 -0.01	48.10 3.31 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.46 4.55 -0.84	79.10 5.16 -7.88	97.12 6.75 -20.06	99.95 7.06 -17.00	109.13 7.54 -17.88	83.67 5.56 -5.94	73.59 4.49 0.01	58.69 3.22 0.00	49.42 3.87 0.00	42.25 3.13 0.00	40.16 2.98 0.00
BARRETT___2 23546	45.50 3.13 -4.17	44.47 2.58 -4.51	42.55 2.63 -2.86	38.06 2.58 -0.16	37.71 2.46 -0.09	40.15 2.48 -0.07	41.19 2.53 -0.89	43.14 3.41 -0.54	43.63 3.45 -0.01	46.08 3.76 -0.01	48.10 3.31 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.46 4.55 -0.84	79.10 5.16 -7.88	97.12 6.75 -20.06	99.95 7.06 -17.00	109.13 7.54 -17.88	83.67 5.56 -5.94	73.59 4.49 0.01	58.69 3.22 0.00	49.42 3.87 0.00	42.25 3.13 0.00	40.16 2.98 0.00
BATAVIA___115KV_TB1 55881	39.49 1.30 0.00	38.17 0.79 0.00	37.50 0.44 0.00	35.71 0.39 0.00	35.73 0.56 0.00	38.20 0.60 0.00	38.60 0.83 0.00	39.35 0.16 0.00	40.53 0.36 0.00	42.64 0.34 0.00	45.55 0.76 0.00	49.04 1.06 0.00	53.55 0.58 0.00	65.61 0.46 -0.10	67.35 0.40 -0.89	72.19 -0.77 -2.65	76.55 -1.52 -2.17	84.66 -1.09 -2.03	72.41 -0.43 -0.67	69.87 0.76 0.00	56.64 1.17 0.00	46.19 0.64 0.00	39.12 0.00 0.00	37.52 0.33 0.00
BAYONEEC___CTG1 323682	40.74 2.56 0.01	39.29 1.91 0.00	39.06 2.00 0.00	37.41 1.94 -0.15	37.06 1.83 -0.07	39.33 1.73 0.00	39.77 2.00 0.00	42.17 2.98 0.00	43.22 3.05 0.00	45.61 3.30 0.00	42.35 3.45 5.89	42.37 3.70 9.31	43.31 4.13 13.79	46.74 4.94 23.26	57.34 5.29 14.01	74.42 6.82 2.70	82.15 7.36 1.10	90.24 8.04 1.51	60.96 6.21 17.42	53.41 5.32 21.02	49.85 3.82 9.45	42.36 3.65 6.84	42.29 3.25 0.08	39.63 2.45 0.01
BAYONEEC___CTG10 323750	40.74 2.56 0.01	39.29 1.91 0.00	39.06 2.00 0.00	37.41 1.94 -0.15	37.06 1.83 -0.07	39.33 1.73 0.00	39.77 2.00 0.00	42.17 2.98 0.00	43.22 3.05 0.00	45.61 3.30 0.00	42.35 3.45 5.89	42.37 3.70 9.31	43.31 4.13 13.79	46.74 4.94 23.26	57.34 5.29 14.01	74.42 6.82 2.70	82.15 7.36 1.10	90.24 8.04 1.51	60.96 6.21 17.42	53.41 5.32 21.02	49.85 3.82 9.45	42.36 3.65 6.84	42.29 3.25 0.08	39.63 2.45 0.01
BAYONEEC___CTG2 323683	40.74 2.56 0.01	39.29 1.91 0.00	39.06 2.00 0.00	37.41 1.94 -0.15	37.06 1.83 -0.07	39.33 1.73 0.00	39.77 2.00 0.00	42.17 2.98 0.00	43.22 3.05 0.00	45.61 3.30 0.00	42.35 3.45 5.89	42.37 3.70 9.31	43.31 4.13 13.79	46.74 4.94 23.26	57.34 5.29 14.01	74.42 6.82 2.70	82.15 7.36 1.10	90.24 8.04 1.51	60.96 6.21 17.42	53.41 5.32 21.02	49.85 3.82 9.45	42.36 3.65 6.84	42.29 3.25 0.08	39.63 2.45 0.01
BAYONEEC___CTG3 323684	40.74 2.56 0.01	39.29 1.91 0.00	39.06 2.00 0.00	37.41 1.94 -0.15	37.06 1.83 -0.07	39.33 1.73 0.00	39.77 2.00 0.00	42.17 2.98 0.00	43.22 3.05 0.00	45.61 3.30 0.00	42.35 3.45 5.89	42.37 3.70 9.31	43.31 4.13 13.79	46.74 4.94 23.26	57.34 5.29 14.01	74.42 6.82 2.70	82.15 7.36 1.10	90.24 8.04 1.51	60.96 6.21 17.42	53.41 5.32 21.02	49.85 3.82 9.45	42.36 3.65 6.84	42.29 3.25 0.08	39.63 2.45 0.01
BAYONEEC___CTG4 323685	40.74 2.56 0.01	39.29 1.91 0.00	39.06 2.00 0.00	37.41 1.94 -0.15	37.06 1.83 -0.07	39.33 1.73 0.00	39.77 2.00 0.00	42.17 2.98 0.00	43.22 3.05 0.00	45.61 3.30 0.00	42.35 3.45 5.89	42.37 3.70 9.31	43.31 4.13 13.79	46.74 4.94 23.26	57.34 5.29 14.01	74.42 6.82 2.70	82.15 7.36 1.10	90.24 8.04 1.51	60.96 6.21 17.42	53.41 5.32 21.02	49.85 3.82 9.45	42.36 3.65 6.84	42.29 3.25 0.08	39.63 2.45 0.01
BAYONEEC___CTG5 323686	40.74 2.56 0.01	39.29 1.91 0.00	39.06 2.00 0.00	37.41 1.94 -0.15	37.06 1.83 -0.07	39.33 1.73 0.00	39.77 2.00 0.00	42.17 2.98 0.00	43.22 3.05 0.00	45.61 3.30 0.00	42.35 3.45 5.89	42.37 3.70 9.31	43.31 4.13 13.79	46.74 4.94 23.26	57.34 5.29 14.01	74.42 6.82 2.70	82.15 7.36 1.10	90.24 8.04 1.51	60.96 6.21 17.42	53.41 5.32 21.02	49.85 3.82 9.45	42.36 3.65 6.84	42.29 3.25 0.08	39.63 2.45 0.01
BAYONEEC___CTG6 323687	40.74 2.56 0.01	39.29 1.91 0.00	39.06 2.00 0.00	37.41 1.94 -0.15	37.06 1.83 -0.07	39.33 1.73 0.00	39.77 2.00 0.00	42.17 2.98 0.00	43.22 3.05 0.00	45.61 3.30 0.00	42.35 3.45 5.89	42.37 3.70 9.31	43.31 4.13 13.79	46.74 4.94 23.26	57.34 5.29 14.01	74.42 6.82 2.70	82.15 7.36 1.10	90.24 8.04 1.51	60.96 6.21 17.42	53.41 5.32 21.02	49.85 3.82 9.45	42.36 3.65 6.84	42.29 3.25 0.08	39.63 2.45 0.01
BAYONEEC___CTG7 323688	40.74 2.56 0.01	39.29 1.91 0.00	39.06 2.00 0.00	37.41 1.94 -0.15	37.06 1.83 -0.07	39.33 1.73 0.00	39.77 2.00 0.00	42.17 2.98 0.00	43.22 3.05 0.00	45.61 3.30 0.00	42.35 3.45 5.89	42.37 3.70 9.31	43.31 4.13 13.79	46.74 4.94 23.26	57.34 5.29 14.01	74.42 6.82 2.70	82.15 7.36 1.10	90.24 8.04 1.51	60.96 6.21 17.42	53.41 5.32 21.02	49.85 3.82 9.45	42.36 3.65 6.84	42.29 3.25 0.08	39.63 2.45 0.01
BAYONEEC___CTG8 323689	40.74 2.56 0.01	39.29 1.91 0.00	39.06 2.00 0.00	37.41 1.94 -0.15	37.06 1.83 -0.07	39.33 1.73 0.00	39.77 2.00 0.00	42.17 2.98 0.00	43.22 3.05 0.00	45.61 3.30 0.00	42.35 3.45 5.89	42.37 3.70 9.31	43.31 4.13 13.79	46.74 4.94 23.26	57.34 5.29 14.01	74.42 6.82 2.70	82.15 7.36 1.10	90.24 8.04 1.51	60.96 6.21 17.42	53.41 5.32 21.02	49.85 3.82 9.45	42.36 3.65 6.84	42.29 3.25 0.08	39.63 2.45 0.01

BAYONEEC___CTG9 323749	40.74 2.56 0.01	39.29 1.91 0.00	39.06 2.00 0.00	37.41 1.94 -0.15	37.06 1.83 -0.07	39.33 1.73 0.00	39.77 2.00 0.00	42.17 2.98 0.00	43.22 3.05 0.00	45.61 3.30 0.00	42.35 3.45 5.89	42.37 3.70 9.31	43.31 4.13 13.79	46.74 4.94 23.26	57.34 5.29 14.01	74.42 6.82 2.70	82.15 7.36 1.10	90.24 8.04 1.51	60.96 6.21 17.42	53.41 5.32 21.02	49.85 3.82 9.45	42.36 3.65 6.84	42.29 3.25 0.08	39.63 2.45 0.01
BEACON___LESR 323632	39.79 1.60 0.00	38.62 1.23 0.00	38.28 1.22 0.00	36.25 1.10 0.16	36.18 1.09 0.08	38.80 1.20 0.00	39.17 1.40 0.00	41.15 1.96 0.00	42.18 2.01 0.00	44.46 2.16 0.00	46.90 2.11 0.00	50.29 2.30 0.00	55.51 2.54 0.00	70.18 3.25 -1.87	86.71 3.30 -17.35	105.99 3.65 -32.03	109.28 3.87 -29.52	127.16 4.27 -39.18	88.93 3.68 -13.08	72.49 3.39 0.00	58.36 2.88 0.00	47.96 2.41 0.00	41.27 2.15 0.00	38.74 1.56 0.00
BEAVER RIVER___HYD 24048	38.15 -0.04 0.00	37.31 -0.07 0.00	36.88 -0.18 0.00	35.14 -0.18 0.00	35.02 -0.14 0.00	37.52 -0.08 0.00	37.81 0.04 0.00	39.19 0.00 0.00	40.17 0.00 0.00	42.18 -0.13 0.00	44.75 -0.04 0.00	47.94 -0.05 0.00	52.65 -0.32 0.00	64.80 -0.26 0.00	65.73 -0.33 0.00	70.33 -0.49 -0.52	75.78 -0.45 -0.34	83.47 -0.25 -0.01	72.17 0.00 0.00	69.53 0.42 0.00	55.59 0.11 0.00	45.28 -0.27 0.00	38.93 -0.19 0.00	37.11 -0.07 0.00
BEEBEE_GT_13 23619	38.99 0.80 0.00	37.79 0.41 0.00	37.21 0.15 0.00	35.46 0.14 0.00	35.41 0.25 0.00	37.90 0.30 0.00	38.23 0.45 0.00	39.27 0.08 0.00	40.41 0.24 0.00	42.60 0.30 0.00	45.42 0.63 0.00	48.90 0.91 0.00	53.55 0.58 0.00	65.73 0.59 -0.08	67.33 0.53 -0.73	72.55 0.00 -2.25	77.27 -0.46 -1.83	84.89 -0.50 -1.67	72.51 -0.22 -0.55	69.73 0.62 0.00	56.31 0.83 0.00	46.10 0.55 0.00	39.08 -0.04 0.00	37.29 0.11 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.21 3.02 0.00	39.82 2.43 -0.01	39.59 2.52 -0.01	37.88 2.40 -0.16	37.49 2.25 -0.08	39.89 2.29 0.00	40.12 2.34 0.00	42.60 3.41 0.00	43.62 3.45 0.00	46.11 3.81 0.00	48.78 3.99 0.00	52.06 4.08 0.01	57.83 4.87 0.01	89.59 5.60 -18.94	89.84 5.88 -17.90	111.82 7.59 -33.92	113.38 8.20 -29.29	118.28 9.04 -25.52	102.45 7.00 -23.28	86.17 6.08 -10.98	61.52 4.44 -1.61	49.69 4.15 0.01	43.13 3.95 -0.06	40.12 2.94 0.00
BETHLEHEM___GRP 23843	38.99 0.80 0.00	37.91 0.52 0.00	37.62 0.56 0.00	35.66 0.49 0.15	35.51 0.42 0.07	38.05 0.45 0.00	38.38 0.60 0.00	40.29 1.10 0.00	41.21 1.04 0.00	43.45 1.14 0.00	45.87 1.07 0.00	49.04 1.06 0.00	54.34 1.38 0.00	68.54 1.63 -1.85	84.82 1.59 -17.17	104.09 1.90 -31.89	107.21 1.97 -29.34	124.67 2.18 -38.78	86.92 1.80 -12.94	70.77 1.66 0.00	56.81 1.33 0.00	46.78 1.23 0.00	40.29 1.17 0.00	37.78 0.59 0.00
BETHLEHEM___GS1 323560	38.99 0.80 0.00	37.91 0.52 0.00	37.62 0.56 0.00	35.62 0.46 0.15	35.51 0.42 0.07	38.05 0.45 0.00	38.38 0.60 0.00	40.29 1.10 0.00	41.21 1.04 0.00	43.45 1.14 0.00	45.82 1.03 0.00	49.04 1.05 0.00	54.24 1.27 0.00	68.54 1.63 -1.85	84.81 1.58 -17.17	104.09 1.90 -31.89	107.21 1.97 -29.34	124.67 2.17 -38.78	86.92 1.81 -12.94	70.70 1.59 0.00	56.81 1.33 0.00	46.78 1.23 0.00	40.29 1.17 0.00	37.89 0.70 0.00
BETHLEHEM___GS2 323561	38.99 0.80 0.00	37.91 0.52 0.00	37.62 0.56 0.00	35.62 0.46 0.15	35.51 0.42 0.07	38.05 0.45 0.00	38.38 0.60 0.00	40.29 1.10 0.00	41.21 1.04 0.00	43.45 1.14 0.00	45.82 1.03 0.00	49.04 1.05 0.00	54.24 1.27 0.00	68.54 1.63 -1.85	84.81 1.58 -17.17	104.09 1.90 -31.89	107.21 1.97 -29.34	124.67 2.17 -38.78	86.92 1.81 -12.94	70.70 1.59 0.00	56.81 1.33 0.00	46.78 1.23 0.00	40.29 1.17 0.00	37.89 0.70 0.00
BETHLEHEM___GS3 323562	38.99 0.80 0.00	37.91 0.52 0.00	37.62 0.56 0.00	35.62 0.46 0.15	35.51 0.42 0.07	38.05 0.45 0.00	38.38 0.60 0.00	40.29 1.10 0.00	41.21 1.04 0.00	43.45 1.14 0.00	45.82 1.03 0.00	49.04 1.05 0.00	54.24 1.27 0.00	68.54 1.63 -1.85	84.81 1.58 -17.17	104.09 1.90 -31.89	107.21 1.97 -29.34	124.67 2.17 -38.78	86.92 1.81 -12.94	70.70 1.59 0.00	56.81 1.33 0.00	46.78 1.23 0.00	40.29 1.17 0.00	37.89 0.70 0.00
BETHLEHEM___STEEL 23779	39.30 1.11 0.00	38.02 0.64 0.00	37.39 0.33 0.00	35.60 0.28 0.00	35.65 0.49 0.00	38.05 0.45 0.00	38.49 0.72 0.00	39.11 -0.08 0.00	40.37 0.20 0.00	42.43 0.13 0.00	45.37 0.58 0.00	48.75 0.77 0.00	53.29 0.32 0.00	65.11 -0.07 -0.12	67.20 0.07 -1.07	71.66 -1.76 -3.11	75.87 -2.58 -2.56	84.47 -1.67 -2.43	72.18 -0.79 -0.81	69.18 0.07 0.00	56.09 0.61 0.00	45.96 0.41 0.00	38.96 -0.16 0.00	37.44 0.26 0.00
BETHLHEM_115KV_TB1 79974	39.11 0.92 0.00	38.02 0.64 0.00	37.73 0.67 0.00	35.77 0.60 0.15	35.66 0.56 0.07	38.20 0.60 0.00	38.49 0.72 0.00	40.41 1.21 0.00	41.33 1.16 0.00	43.57 1.27 0.00	46.00 1.21 0.00	49.18 1.20 0.00	54.45 1.48 0.00	68.62 1.76 -1.81	84.59 1.78 -16.74	103.84 2.04 -31.50	106.89 2.13 -28.87	123.96 2.43 -37.82	86.81 2.02 -12.62	70.98 1.87 0.00	56.97 1.50 0.00	46.92 1.37 0.00	40.41 1.29 0.00	37.89 0.71 0.00
BETHPAGE_CC_5 323564	46.02 3.28 -4.54	44.58 2.69 -4.50	42.66 2.74 -2.86	38.12 2.65 -0.16	37.81 2.57 -0.08	40.29 2.63 -0.06	41.62 2.87 -0.98	43.84 3.80 -0.85	44.54 3.90 -0.48	46.69 4.15 -0.24	48.77 3.50 -0.48	52.97 3.50 -1.49	58.62 4.13 -1.52	75.92 5.08 -5.78	83.54 5.68 -11.79	101.66 7.38 -23.98	104.24 7.74 -20.60	114.14 8.29 -22.13	87.55 6.21 -9.17	77.32 4.98 -3.23	60.95 3.60 -1.87	51.08 4.01 -1.52	43.42 3.36 -0.94	41.08 3.38 -0.52
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.37 1.18 0.00	38.09 0.71 0.00	37.43 0.37 0.00	35.64 0.32 0.00	35.73 0.56 0.00	38.13 0.53 0.00	38.57 0.79 0.00	39.23 0.04 0.00	40.49 0.32 0.00	42.60 0.30 0.00	45.51 0.72 0.00	48.90 0.91 0.00	53.44 0.48 0.00	65.31 0.13 -0.12	67.41 0.26 -1.09	71.70 -1.76 -3.16	75.98 -2.50 -2.60	84.76 -1.42 -2.47	72.41 -0.58 -0.82	69.39 0.28 0.00	56.25 0.78 0.00	46.10 0.55 0.00	39.04 -0.08 0.00	37.52 0.33 0.00
BINGHAMTON___COGEN 23790	39.22 1.03 0.00	38.09 0.71 0.00	37.73 0.67 0.00	35.92 0.60 0.00	35.83 0.67 0.00	38.31 0.71 0.00	38.60 0.83 0.00	40.17 0.98 0.00	41.25 1.08 0.00	43.53 1.23 0.00	46.18 1.39 0.00	49.52 1.54 0.00	54.56 1.59 0.00	67.06 1.76 -0.24	70.14 1.85 -2.23	77.89 1.48 -6.11	82.43 1.44 -5.09	90.87 2.09 -5.06	75.73 1.88 -1.68	71.04 1.94 0.00	57.14 1.66 0.00	46.87 1.32 0.00	39.94 0.82 0.00	37.81 0.63 0.00
BIXINCNT_115KV_LOAD 355685	39.60 1.41 0.00	38.24 0.86 0.00	37.65 0.59 0.00	35.85 0.53 0.00	35.90 0.74 0.00	38.35 0.75 0.00	38.83 1.06 0.00	39.70 0.51 0.00	40.97 0.80 0.00	43.15 0.85 0.00	46.09 1.30 0.00	49.52 1.54 0.00	54.19 1.22 0.00	66.03 0.85 -0.13	68.28 1.06 -1.16	72.11 -1.55 -3.35	76.45 -2.20 -2.76	85.94 -0.42 -2.64	73.34 0.29 -0.88	70.08 0.97 0.00	56.86 1.39 0.00	46.51 0.96 0.00	39.43 0.31 0.00	37.78 0.59 0.00

BLACK RIVER___HYD 24047	38.80 0.61 0.00	37.83 0.45 0.00	37.39 0.33 0.00	35.63 0.32 0.00	35.51 0.35 0.00	38.05 0.45 0.00	38.41 0.64 0.00	39.93 0.74 0.00	40.93 0.76 0.00	43.07 0.76 0.00	45.77 0.98 0.00	48.99 1.01 0.00	53.81 0.84 0.00	66.10 1.04 0.00	66.99 0.92 0.00	71.85 0.85 -0.70	77.33 0.98 -0.45	85.31 1.59 -0.01	73.76 1.59 0.00	71.18 2.07 0.00	56.86 1.39 0.00	46.19 0.64 0.00	39.51 0.39 0.00	37.63 0.45 0.00
BLACKRVR_115KV_TB2 79977	38.80 0.61 0.00	37.83 0.45 0.00	37.39 0.33 0.00	35.60 0.28 0.00	35.51 0.35 0.00	38.05 0.45 0.00	38.42 0.64 0.00	39.94 0.74 0.00	40.89 0.72 0.00	43.07 0.76 0.00	45.73 0.94 0.00	48.99 1.01 0.00	53.76 0.79 0.00	66.10 1.04 0.00	66.99 0.92 0.00	71.84 0.84 -0.70	77.33 0.99 -0.45	85.32 1.59 -0.01	73.76 1.59 0.00	71.18 2.07 0.00	56.86 1.39 0.00	46.23 0.68 0.00	39.51 0.39 0.00	37.63 0.45 0.00
BLISS_WT_PWR 323608	39.60 1.41 0.00	38.24 0.86 0.00	37.65 0.59 0.00	36.02 0.71 0.00	35.97 0.81 0.00	38.39 0.79 0.00	38.83 1.06 0.00	39.74 0.55 0.00	41.13 0.96 0.00	43.20 0.89 0.00	46.22 1.43 0.00	49.62 1.63 0.00	54.82 1.85 0.00	66.10 0.91 -0.13	68.28 1.05 -1.16	72.11 -1.55 -3.35	76.45 -2.20 -2.76	86.02 -0.33 -2.64	73.41 0.36 -0.88	70.08 0.97 0.00	56.92 1.44 0.00	46.55 1.00 0.00	38.85 -0.27 0.00	37.78 0.59 0.00
BLUESTONE___WT_PWR 323821	41.32 3.13 0.00	40.08 2.69 0.00	39.58 2.52 0.00	37.72 2.40 0.00	37.59 2.42 0.00	40.23 2.63 0.00	40.61 2.83 0.00	42.44 3.25 0.00	43.46 3.29 0.00	45.94 3.64 0.00	48.96 4.17 0.00	52.45 4.46 0.00	57.68 4.71 0.00	70.94 5.60 -0.28	74.27 5.61 -2.60	83.15 5.77 -7.08	87.87 6.07 -5.90	97.06 7.45 -5.90	80.63 6.50 -1.96	75.81 6.70 0.00	60.75 5.27 0.00	49.42 3.87 0.00	41.90 2.78 0.00	39.75 2.56 0.00
BLUE_CIRC_CHEM_DRP 24182	39.87 1.68 0.00	38.80 1.42 0.00	38.51 1.45 0.00	36.55 1.34 0.11	36.41 1.30 0.05	38.95 1.35 0.00	39.21 1.44 0.00	41.03 1.84 0.00	41.98 1.81 0.00	44.25 1.95 0.00	46.58 1.79 0.00	49.04 1.06 0.00	54.24 1.27 0.00	68.21 1.56 -1.59	82.32 1.52 -14.74	97.27 1.62 -25.35	99.23 1.67 -21.67	109.83 1.84 -24.27	84.94 1.66 -11.11	70.63 1.52 0.00	56.81 1.33 0.00	47.55 2.00 0.00	41.04 1.92 0.00	38.52 1.34 0.00
BOC_GAS_DRP 24189	39.30 1.11 0.00	38.24 0.86 0.00	37.99 0.93 0.00	36.06 0.85 0.11	35.92 0.81 0.05	38.46 0.86 0.00	38.72 0.94 0.00	40.60 1.41 0.00	41.49 1.33 0.00	43.74 1.44 0.00	46.18 1.39 0.00	49.38 1.39 0.00	54.66 1.69 0.00	68.50 1.89 -1.55	82.33 1.92 -14.35	102.18 2.25 -29.62	104.87 2.35 -26.62	119.51 2.68 -33.11	85.16 2.17 -10.82	71.18 2.07 0.00	57.09 1.61 0.00	47.10 1.55 0.00	40.53 1.41 0.00	38.07 0.89 0.00
BOONVILLE_115KV_TB1 79983	39.03 0.84 0.00	38.06 0.67 0.00	37.69 0.63 0.00	35.88 0.57 0.00	35.76 0.60 0.00	38.28 0.68 0.00	38.57 0.79 0.00	40.09 0.90 0.00	41.09 0.92 0.00	43.32 1.02 0.00	45.95 1.16 0.00	49.23 1.25 0.00	54.19 1.22 0.00	66.62 1.56 0.00	67.58 1.52 0.00	72.33 1.55 -0.48	77.87 1.67 -0.31	85.82 2.09 -0.01	73.90 1.73 0.00	71.04 1.94 0.00	56.86 1.39 0.00	46.42 0.87 0.00	39.75 0.63 0.00	37.78 0.59 0.00
BORALEX_4TH_BRANCH 23824	40.29 2.10 0.00	39.07 1.68 0.00	38.58 1.52 0.00	36.33 1.38 0.36	36.33 1.34 0.17	39.11 1.51 0.00	39.66 1.89 0.00	41.66 2.47 0.00	42.74 2.57 0.00	44.97 2.67 0.00	47.61 2.82 0.00	51.01 3.02 0.00	56.41 3.44 0.00	71.56 4.29 -2.20	90.96 4.49 -20.40	109.95 4.92 -34.73	113.94 5.23 -32.81	135.87 6.11 -46.05	92.82 5.27 -15.39	73.87 4.76 0.00	59.25 3.77 0.00	48.60 3.05 0.00	41.63 2.51 0.00	39.04 1.86 0.00
BOWLINE___1 23526	40.33 2.14 0.00	38.95 1.57 0.00	38.65 1.59 0.00	36.97 1.52 -0.14	36.63 1.41 -0.06	39.03 1.43 0.00	39.43 1.66 0.00	41.66 2.47 0.00	42.70 2.53 0.00	45.05 2.75 0.00	47.61 2.82 0.00	51.01 3.02 0.00	56.41 3.44 0.00	69.98 4.10 -0.82	77.98 4.36 -7.56	95.07 5.49 -19.27	98.14 5.92 -16.33	107.48 6.61 -17.15	83.00 5.12 -5.70	73.47 4.36 0.00	58.69 3.22 0.00	48.60 3.05 0.00	41.78 2.66 0.00	39.15 1.97 0.00
BOWLINE___2 23595	40.37 2.18 0.00	39.03 1.64 0.00	38.73 1.67 0.00	37.04 1.59 -0.14	36.70 1.48 -0.06	39.11 1.51 0.00	39.51 1.74 0.00	41.74 2.55 0.00	42.78 2.61 0.00	45.14 2.83 0.00	47.70 2.91 0.00	51.10 3.12 0.00	56.52 3.55 0.00	70.10 4.23 -0.82	78.05 4.43 -7.56	95.21 5.63 -19.28	98.29 6.07 -16.33	107.57 6.70 -17.15	83.14 5.27 -5.70	73.60 4.49 0.00	58.80 3.33 0.00	48.69 3.14 0.00	41.86 2.74 0.00	39.23 2.04 0.00
BRADY___115KV_TB2 356060	37.16 -1.03 0.00	36.75 -0.64 0.00	36.36 -0.70 0.00	34.68 -0.64 0.00	34.53 -0.63 0.00	37.00 -0.60 0.00	36.98 -0.79 0.00	37.78 -1.41 0.00	38.76 -1.41 0.00	40.32 -1.99 0.00	42.69 -2.11 0.00	45.73 -2.26 0.00	50.43 -2.54 0.00	62.26 -2.80 0.00	63.29 -2.77 0.00	66.93 -3.37 0.00	72.48 -3.42 0.00	79.36 -4.35 0.00	69.21 -2.96 0.00	66.41 -2.70 0.00	53.31 -2.16 0.00	43.36 -2.19 0.00	37.91 -1.21 0.00	36.70 -0.48 0.00
BRANSCOMB___SOLAR 323811	40.94 2.75 0.00	39.74 2.36 0.00	39.36 2.30 0.00	37.24 2.12 0.20	37.18 2.11 0.09	39.86 2.26 0.00	40.27 2.49 0.00	42.17 2.98 0.00	43.18 3.01 0.00	45.48 3.17 0.00	48.19 3.40 0.00	51.77 3.79 0.00	56.94 3.97 0.00	72.94 5.21 -2.67	96.07 5.29 -24.72	114.65 5.28 -39.07	119.31 5.62 -37.80	145.82 6.36 -55.74	96.37 5.56 -18.64	74.22 5.11 0.00	59.97 4.49 0.00	49.24 3.69 0.00	42.09 2.97 0.00	39.53 2.34 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	51.29 4.01 -9.09	45.26 3.36 -4.51	43.34 3.41 -2.87	38.93 3.46 -0.15	38.57 3.34 -0.07	41.16 3.50 -0.06	42.76 3.59 -1.40	46.47 4.51 -2.77	50.34 4.62 -5.55	49.71 4.65 -2.75	54.50 3.94 -5.77	60.78 3.69 -9.10	66.76 4.50 -9.29	130.20 5.40 -59.74	126.74 6.14 -54.54	144.93 7.94 -66.68	144.04 8.20 -59.95	161.12 8.87 -68.53	123.27 6.64 -44.46	113.12 5.46 -38.55	81.70 3.94 -22.29	67.88 4.19 -18.14	54.03 3.79 -11.11	47.51 3.57 -6.76
BRISTLHL_115KV_TB1 79998	38.08 -0.11 0.00	37.08 -0.30 0.00	36.69 -0.37 0.00	34.96 -0.35 0.00	34.85 -0.32 0.00	37.26 -0.34 0.00	37.58 -0.19 0.00	39.11 -0.08 0.00	40.17 0.00 0.00	42.43 0.13 0.00	44.97 0.18 0.00	48.22 0.24 0.00	53.07 0.11 0.00	65.19 0.13 0.00	66.20 0.13 0.00	71.35 0.00 -1.04	76.50 -0.08 -0.68	83.73 0.00 -0.01	72.17 0.00 0.00	69.18 0.07 0.00	55.59 0.11 0.00	45.64 0.09 0.00	38.89 -0.23 0.00	36.85 -0.33 0.00
BROOKHAVEN___DRP 24191	50.49 4.16 -8.13	45.49 3.55 -4.56	43.64 3.67 -2.91	39.04 3.57 -0.16	38.65 3.41 -0.08	41.24 3.57 -0.07	44.66 3.78 -3.10	50.84 4.74 -6.91	47.57 4.82 -2.59	60.44 5.03 -13.10	76.67 4.39 -27.49	149.82 4.41 -97.42	156.72 5.30 -98.46	510.29 6.38 -438.85	350.15 7.00 -277.08	321.06 8.58 -242.18	306.50 8.96 -221.65	352.67 9.71 -259.24	316.04 7.51 -236.36	306.11 6.43 -230.57	323.85 4.77 -263.60	183.80 4.92 -133.33	48.41 4.15 -5.14	46.33 3.72 -5.43

BROOKLYN_NAVY_YARD 23515	40.75 2.56 0.00	39.29 1.91 0.00	39.02 1.96 0.00	37.37 1.91 -0.15	37.02 1.79 -0.07	39.37 1.77 0.00	39.77 2.00 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.69 3.39 0.00	48.24 3.45 0.00	51.68 3.70 0.00	57.15 4.18 0.00	70.92 5.01 -0.85	79.29 5.35 -7.88	97.26 6.89 -20.06	100.33 7.44 -17.00	109.81 8.21 -17.88	84.47 6.35 -5.94	74.50 5.39 0.00	59.36 3.88 0.00	49.24 3.69 0.00	42.49 3.36 0.00	39.71 2.53 0.00
BROOKLYN___ARMY_DRP 323595	41.02 2.83 0.00	39.63 2.24 -0.01	39.40 2.33 -0.01	37.70 2.23 -0.16	37.31 2.07 -0.08	39.71 2.11 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.38 3.21 0.00	45.86 3.55 0.00	48.46 3.67 0.00	51.72 3.74 0.01	57.41 4.45 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.26 7.03 -33.92	112.77 7.59 -29.29	117.61 8.37 -25.52	101.87 6.42 -23.28	85.62 5.53 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.85 3.68 -0.06	39.90 2.71 0.00
BROOKVLE_69_KV_TB1 55790	45.79 3.44 -4.17	44.69 2.80 -4.50	42.73 2.82 -2.85	38.19 2.72 -0.15	37.83 2.60 -0.07	40.33 2.67 -0.06	41.63 2.95 -0.91	43.68 3.88 -0.61	44.14 3.98 0.00	46.54 4.23 0.00	48.96 4.17 0.00	52.26 4.27 0.00	58.05 5.08 0.00	71.90 5.99 -0.85	80.42 6.47 -7.89	98.46 8.08 -20.07	101.40 8.50 -17.01	110.81 9.21 -17.89	85.19 7.07 -5.95	75.12 6.01 0.00	59.91 4.44 0.00	49.97 4.42 0.00	42.76 3.64 0.00	40.08 2.90 0.00
BROOME_2_LFGE 323671	39.22 1.03 0.00	38.09 0.71 0.00	37.73 0.67 0.00	35.95 0.64 0.00	35.83 0.67 0.00	38.31 0.71 0.00	38.60 0.83 0.00	40.17 0.98 0.00	41.29 1.12 0.00	43.53 1.23 0.00	46.22 1.43 0.00	49.52 1.54 0.00	54.66 1.69 0.00	67.06 1.76 -0.24	70.14 1.85 -2.23	77.90 1.48 -6.11	82.42 1.44 -5.09	90.87 2.09 -5.06	75.72 1.87 -1.68	71.04 1.93 0.00	57.14 1.66 0.00	46.87 1.32 0.00	39.86 0.74 0.00	37.85 0.67 0.00
BROOME___LFGE 323600	39.22 1.03 0.00	38.09 0.71 0.00	37.73 0.67 0.00	35.95 0.64 0.00	35.83 0.67 0.00	38.31 0.71 0.00	38.60 0.83 0.00	40.17 0.98 0.00	41.29 1.12 0.00	43.53 1.23 0.00	46.22 1.43 0.00	49.52 1.54 0.00	54.66 1.69 0.00	67.06 1.76 -0.24	70.14 1.85 -2.23	77.90 1.48 -6.11	82.42 1.44 -5.09	90.87 2.09 -5.06	75.72 1.87 -1.68	71.04 1.93 0.00	57.14 1.66 0.00	46.87 1.32 0.00	39.86 0.74 0.00	37.85 0.67 0.00
BROWNFLS_115KV_TB_3_5 80003	37.24 -0.95 0.00	36.60 -0.79 0.00	36.21 -0.85 0.00	34.51 -0.81 0.00	34.35 -0.81 0.00	36.81 -0.79 0.00	36.98 -0.79 0.00	38.13 -1.06 0.00	39.08 -1.08 0.00	40.87 -1.44 0.00	43.27 -1.52 0.00	46.35 -1.63 0.00	50.96 -2.01 0.00	62.78 -2.28 0.00	63.75 -2.31 0.00	67.93 -2.74 -0.37	73.32 -2.81 -0.24	80.46 -3.26 0.00	69.86 -2.31 0.00	67.17 -1.94 0.00	53.81 -1.66 0.00	43.82 -1.73 0.00	38.06 -1.06 0.00	36.62 -0.56 0.00
BROWNSV1_27_KV_LOAD 356125	41.25 3.06 0.00	39.74 2.36 0.00	39.47 2.41 0.00	37.83 2.37 -0.15	37.45 2.22 -0.07	39.82 2.22 0.00	40.19 2.42 0.00	42.68 3.49 0.00	43.70 3.53 0.00	46.20 3.89 0.00	48.96 4.17 0.00	52.35 4.37 0.00	58.11 5.14 0.00	71.83 5.92 -0.85	80.22 6.28 -7.88	98.31 7.94 -20.06	101.39 8.50 -17.00	111.06 9.46 -17.88	85.48 7.36 -5.94	75.54 6.43 0.00	60.14 4.66 0.00	49.88 4.33 0.00	42.95 3.83 0.00	39.97 2.79 0.00
BURROWS___LYONSDAL 23803	38.88 0.69 0.00	37.94 0.56 0.00	37.54 0.48 0.00	35.74 0.42 0.00	35.62 0.46 0.00	38.13 0.53 0.00	38.42 0.64 0.00	39.94 0.74 0.00	40.93 0.76 0.00	43.11 0.80 0.00	45.73 0.94 0.00	48.99 1.01 0.00	53.87 0.90 0.00	66.23 1.17 0.00	67.19 1.12 0.00	71.91 1.12 -0.49	77.50 1.29 -0.32	85.40 1.67 -0.01	73.62 1.44 0.00	70.77 1.66 0.00	56.64 1.17 0.00	46.23 0.68 0.00	39.59 0.47 0.00	37.67 0.48 0.00
CAITHNESS_CC_1 323624	50.28 3.97 -8.12	45.31 3.37 -4.56	43.45 3.48 -2.91	38.80 3.32 -0.17	38.48 3.23 -0.09	41.06 3.39 -0.07	44.46 3.59 -3.09	50.57 4.51 -6.87	49.75 4.66 -4.93	60.12 4.78 -13.04	76.16 4.03 -27.33	136.18 4.08 -84.12	143.58 4.77 -85.84	350.80 5.92 -279.82	301.51 6.54 -228.90	319.34 8.15 -240.89	304.85 8.50 -220.46	350.76 9.21 -257.83	267.66 7.08 -188.41	257.60 5.87 -182.62	165.45 4.38 -105.59	136.14 4.65 -85.94	52.83 3.91 -9.80	46.68 4.09 -5.41
CALPINE BETH_PAGE_GT4 24209	45.84 3.21 -4.44	44.50 2.62 -4.50	42.55 2.63 -2.85	38.04 2.58 -0.15	37.69 2.46 -0.07	40.18 2.52 -0.06	41.50 2.76 -0.97	43.68 3.68 -0.81	44.21 3.78 -0.26	46.54 4.06 -0.17	48.69 3.54 -0.36	51.44 3.45 0.00	57.21 4.24 0.00	74.59 5.01 -4.52	82.47 5.62 -10.80	100.67 7.38 -22.98	103.24 7.67 -19.68	113.05 8.29 -21.05	86.66 6.13 -8.35	76.56 5.04 -2.40	60.47 3.61 -1.39	50.60 3.92 -1.13	42.93 3.29 -0.53	40.31 2.75 -0.37
CALPINE_BETH_PAGE_GT_4 323586	45.84 3.21 -4.44	44.50 2.62 -4.50	42.55 2.63 -2.86	38.02 2.54 -0.16	37.70 2.46 -0.08	40.14 2.48 -0.06	41.50 2.76 -0.97	43.68 3.68 -0.81	44.33 3.82 -0.35	46.59 4.10 -0.18	48.60 3.45 -0.36	52.55 3.46 -1.11	58.18 4.08 -1.13	74.59 5.01 -4.52	82.54 5.68 -10.80	100.66 7.38 -22.98	103.24 7.66 -19.68	112.97 8.21 -21.05	86.65 6.13 -8.35	76.49 4.98 -2.40	60.47 3.60 -1.39	50.69 4.01 -1.13	43.12 3.32 -0.68	40.83 3.27 -0.37
CALPINE_BP_GT1 23823	45.84 3.21 -4.44	44.50 2.62 -4.50	42.55 2.63 -2.86	38.02 2.54 -0.16	37.70 2.46 -0.08	40.14 2.48 -0.06	41.50 2.76 -0.97	43.68 3.68 -0.81	44.33 3.82 -0.35	46.59 4.10 -0.18	48.60 3.45 -0.36	52.55 3.46 -1.11	58.18 4.08 -1.13	74.59 5.01 -4.52	82.54 5.68 -10.80	100.66 7.38 -22.98	103.24 7.66 -19.68	112.97 8.21 -21.05	86.65 6.13 -8.35	76.49 4.98 -2.40	60.47 3.60 -1.39	50.69 4.01 -1.13	43.12 3.32 -0.68	40.83 3.27 -0.37
CALSPAN___DRP 24200	39.30 1.11 0.00	38.02 0.64 0.00	37.39 0.33 0.00	35.60 0.28 0.00	35.65 0.49 0.00	38.05 0.45 0.00	38.49 0.72 0.00	39.11 -0.08 0.00	40.37 0.20 0.00	42.43 0.13 0.00	45.37 0.58 0.00	48.75 0.77 0.00	53.29 0.32 0.00	65.11 -0.07 -0.12	67.20 0.07 -1.07	71.66 -1.76 -3.11	75.87 -2.58 -2.56	84.47 -1.67 -2.43	72.18 -0.79 -0.81	69.18 0.07 0.00	56.09 0.61 0.00	45.96 0.41 0.00	38.96 -0.16 0.00	37.44 0.26 0.00
CALVERTON___SOLAR 323806	50.76 4.43 -8.14	45.75 3.82 -4.56	43.86 3.89 -2.91	39.19 3.71 -0.17	38.87 3.62 -0.09	41.47 3.80 -0.07	44.93 4.04 -3.11	51.13 5.02 -6.92	50.23 5.10 -4.96	60.78 5.33 -13.14	76.97 4.61 -27.56	181.18 4.80 -128.40	188.72 5.61 -130.14	500.48 6.96 -428.45	347.92 7.53 -274.33	322.18 9.14 -242.74	307.62 9.56 -222.16	353.94 10.38 -259.84	313.76 8.08 -233.51	303.74 6.91 -227.72	313.51 5.27 -252.76	181.16 5.37 -130.23	53.44 4.46 -9.86	47.19 4.57 -5.44
CANDIGU_WT_PWR 323617	39.38 1.19 0.00	38.13 0.75 0.00	37.62 0.56 0.00	35.92 0.60 0.00	35.87 0.70 0.00	38.31 0.71 0.00	38.68 0.91 0.00	39.86 0.67 0.00	41.17 1.00 0.00	43.32 1.01 0.00	46.22 1.43 0.00	49.47 1.49 0.00	54.61 1.64 0.00	66.45 1.23 -0.16	68.85 1.32 -1.47	74.59 0.14 -4.14	79.17 -0.15 -3.43	87.80 0.75 -3.33	74.36 1.08 -1.11	70.56 1.45 0.00	56.97 1.50 0.00	46.78 1.23 0.00	39.43 0.31 0.00	37.74 0.56 0.00

CARR STREET_E_SYR 24060	38.19 0.00 0.00	37.20 -0.19 0.00	36.80 -0.26 0.00	35.07 -0.25 0.00	34.95 -0.21 0.00	37.38 -0.22 0.00	37.70 -0.08 0.00	39.19 0.00 0.00	40.33 0.16 0.00	42.52 0.21 0.00	45.15 0.36 0.00	48.37 0.38 0.00	53.34 0.37 0.00	65.39 0.33 0.00	66.39 0.33 0.00	71.63 0.14 -1.19	76.67 0.00 -0.77	83.90 0.17 -0.02	72.24 0.07 0.00	69.39 0.28 0.00	55.76 0.28 0.00	45.73 0.18 0.00	39.00 -0.12 0.00	36.96 -0.22 0.00
CARTHAGE___PAPER 23857	38.31 0.11 0.00	37.42 0.04 0.00	37.02 -0.04 0.00	35.25 -0.07 0.00	35.16 0.00 0.00	37.68 0.08 0.00	38.00 0.23 0.00	39.43 0.24 0.00	40.41 0.24 0.00	42.43 0.13 0.00	45.02 0.23 0.00	48.18 0.19 0.00	52.97 0.00 0.00	65.13 0.07 0.00	66.00 -0.07 0.00	70.79 -0.14 -0.63	76.22 -0.08 -0.41	84.06 0.34 -0.01	72.68 0.51 0.00	70.08 0.97 0.00	56.03 0.55 0.00	45.55 0.00 0.00	39.12 0.00 0.00	37.26 0.07 0.00
CASSADAGA_WT_PWR 323784	40.37 2.18 0.00	39.03 1.64 0.00	38.36 1.30 0.00	36.66 1.34 0.00	36.67 1.51 0.00	39.18 1.58 0.00	39.62 1.85 0.00	40.53 1.33 0.00	41.98 1.81 0.00	44.04 1.74 0.00	47.12 2.33 0.00	50.53 2.54 0.00	55.88 2.91 0.00	67.46 2.28 -0.12	69.73 2.51 -1.15	74.27 0.63 -3.34	78.64 0.00 -2.75	87.85 1.51 -2.62	74.92 1.87 -0.87	71.53 2.42 0.00	58.08 2.61 0.00	47.51 1.96 0.00	39.83 0.70 0.00	38.52 1.34 0.00
CE_DUNWOOD___DRP 24194	40.67 2.48 0.00	39.29 1.91 0.00	38.99 1.93 0.00	37.34 1.87 -0.15	36.99 1.76 -0.07	39.40 1.80 0.00	39.78 2.00 0.00	42.09 2.90 0.00	43.10 2.93 0.00	45.52 3.22 0.00	48.19 3.40 0.00	51.54 3.55 0.00	57.15 4.18 0.00	70.72 4.81 -0.85	79.01 5.09 -7.86	96.71 6.40 -20.01	99.75 6.91 -16.95	109.17 7.62 -17.83	84.09 5.99 -5.93	74.29 5.18 0.00	59.25 3.77 0.00	49.10 3.55 0.00	42.21 3.09 0.00	39.38 2.19 0.00
CE_MILLWOOD___DRP 24193	40.60 2.41 0.00	39.22 1.83 0.00	38.91 1.85 0.00	37.27 1.80 -0.15	36.88 1.65 -0.07	39.29 1.69 0.00	39.70 1.93 0.00	41.97 2.78 0.00	42.98 2.81 0.00	45.39 3.09 0.00	48.06 3.27 0.00	51.44 3.45 0.00	57.05 4.08 0.00	70.59 4.68 -0.84	78.77 4.89 -7.82	96.40 6.19 -19.91	99.36 6.60 -16.87	108.82 7.37 -17.74	83.84 5.77 -5.90	74.09 4.98 0.00	59.14 3.66 0.00	48.97 3.42 0.00	42.09 2.97 0.00	39.30 2.12 0.00
CE_NYC2_DRP 24202	40.86 2.67 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.48 2.01 -0.15	37.10 1.86 -0.07	39.44 1.84 0.00	39.78 2.00 0.00	42.21 3.02 0.00	43.22 3.05 0.00	45.61 3.30 0.00	48.24 3.45 0.00	51.53 3.55 0.01	57.14 4.18 0.01	61.15 4.75 8.66	72.62 5.09 -1.47	89.69 6.61 -12.78	93.57 7.13 -10.55	105.37 7.79 -13.87	74.99 5.99 3.17	65.24 5.18 9.05	58.34 3.72 0.85	49.05 3.51 0.01	42.52 3.40 0.00	39.64 2.45 0.00
CE_NYC_DRP 24195	40.86 2.67 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.48 1.88 0.00	39.85 2.08 0.00	42.29 3.10 0.00	43.30 3.13 0.00	45.77 3.47 0.00	48.51 3.72 0.00	51.87 3.89 0.00	57.52 4.56 0.00	71.12 5.20 -0.85	79.50 5.55 -7.88	97.47 7.10 -20.06	100.56 7.67 -17.00	109.97 8.37 -17.88	84.61 6.50 -5.94	74.71 5.60 0.00	59.47 3.99 0.00	49.33 3.78 0.00	42.52 3.40 0.00	39.60 2.42 0.00
CHAFFEE___LFGE 323603	39.38 1.19 0.00	38.06 0.67 0.00	37.43 0.37 0.00	35.78 0.46 0.00	35.76 0.60 0.00	38.16 0.56 0.00	38.53 0.76 0.00	39.23 0.04 0.00	40.57 0.40 0.00	42.56 0.26 0.00	45.55 0.76 0.00	48.89 0.91 0.00	54.08 1.11 0.00	65.25 0.07 -0.12	67.38 0.20 -1.11	71.85 -1.69 -3.23	76.12 -2.43 -2.66	84.83 -1.42 -2.53	72.51 -0.50 -0.84	69.32 0.21 0.00	56.31 0.83 0.00	46.05 0.50 0.00	38.69 -0.43 0.00	37.44 0.26 0.00
CHATEAUG_35_KV_LOAD 355732	37.20 -0.99 0.00	36.79 -0.60 0.00	36.43 -0.63 0.00	34.82 -0.49 0.00	34.67 -0.49 0.00	37.15 -0.45 0.00	37.40 -0.38 0.00	38.29 -0.90 0.00	39.48 -0.68 0.00	41.21 -1.10 0.00	43.31 -1.48 0.00	46.35 -1.63 0.00	51.22 -1.75 0.00	63.24 -1.82 0.00	64.35 -1.72 0.00	67.84 -2.46 0.00	73.54 -2.35 0.00	79.95 -3.77 0.00	69.86 -2.31 0.00	66.90 -2.21 0.00	53.87 -1.61 0.00	43.77 -1.78 0.00	38.38 -0.74 0.00	37.48 0.30 0.00
CHATEAUG_WT_PWR 323614	37.20 -0.99 0.00	36.75 -0.64 0.00	36.43 -0.63 0.00	34.79 -0.53 0.00	34.67 -0.49 0.00	37.15 -0.45 0.00	37.40 -0.38 0.00	38.29 -0.90 0.00	39.17 -1.00 0.00	41.17 -1.14 0.00	43.31 -1.48 0.00	46.30 -1.68 0.00	51.11 -1.86 0.00	63.11 -1.95 0.00	64.21 -1.85 0.00	67.78 -2.53 0.00	73.39 -2.50 0.00	80.04 -3.68 0.00	69.72 -2.45 0.00	66.69 -2.42 0.00	53.65 -1.83 0.00	43.68 -1.87 0.00	38.34 -0.78 0.00	36.92 -0.26 0.00
CHAT_HIGH_FALL_HYD 323578	37.20 -0.99 0.00	36.78 -0.60 0.00	36.43 -0.63 0.00	34.79 -0.53 0.00	34.67 -0.49 0.00	37.15 -0.45 0.00	37.40 -0.38 0.00	38.29 -0.90 0.00	39.17 -1.00 0.00	41.21 -1.10 0.00	43.31 -1.48 0.00	46.35 -1.63 0.00	51.17 -1.80 0.00	63.24 -1.82 0.00	64.34 -1.72 0.00	67.84 -2.46 0.00	73.54 -2.35 0.00	80.12 -3.60 0.00	69.86 -2.31 0.00	66.90 -2.21 0.00	53.87 -1.61 0.00	43.77 -1.78 0.00	38.34 -0.78 0.00	36.96 -0.22 0.00
CHAUTAUQUA___LFGE 323629	40.06 1.87 0.00	38.69 1.31 0.00	38.06 1.00 0.00	36.38 1.06 0.00	36.36 1.20 0.00	38.84 1.24 0.00	39.13 1.36 0.00	39.93 0.74 0.00	41.33 1.17 0.00	43.36 1.06 0.00	46.40 1.61 0.00	49.81 1.82 0.00	55.09 2.12 0.00	66.48 1.30 -0.12	68.71 1.52 -1.13	73.36 -0.21 -3.27	77.75 -0.83 -2.69	86.45 0.17 -2.57	73.82 0.80 -0.85	70.56 1.45 0.00	57.25 1.77 0.00	46.87 1.32 0.00	39.43 0.31 0.00	38.07 0.89 0.00
CHERRYST_13_KV_LD 356241	41.02 2.83 0.00	39.51 2.13 0.00	39.25 2.19 0.00	37.62 2.15 -0.15	37.24 2.00 -0.07	39.59 1.99 0.00	40.00 2.23 0.00	42.44 3.25 0.00	43.50 3.33 0.00	45.94 3.64 0.00	48.69 3.90 0.00	52.11 4.13 0.00	57.79 4.82 0.00	71.44 5.53 -0.85	79.83 5.88 -7.88	97.82 7.45 -20.06	100.94 8.04 -17.00	110.39 8.79 -17.88	84.90 6.78 -5.94	74.98 5.87 0.00	59.69 4.22 0.00	49.51 3.96 0.00	42.68 3.56 0.00	39.75 2.57 0.00
CHESTROR_138KV_BK263 355645	40.18 1.99 0.00	38.88 1.50 0.00	38.58 1.52 0.00	36.92 1.48 -0.12	36.59 1.37 -0.06	38.99 1.39 0.00	39.36 1.59 0.00	41.47 2.27 0.00	42.42 2.25 0.00	44.80 2.50 0.00	47.43 2.64 0.00	50.72 2.74 0.00	56.25 3.28 0.00	69.54 3.71 -0.77	77.09 3.90 -7.13	93.37 4.85 -18.21	96.55 5.24 -15.42	105.75 5.86 -16.18	82.17 4.62 -5.38	73.19 4.08 0.00	58.47 3.00 0.00	48.37 2.82 0.00	41.55 2.43 0.00	38.89 1.71 0.00
CH_MIDHUDSON___DRP 24192	40.44 2.25 0.00	39.14 1.76 0.00	38.80 1.74 0.00	37.11 1.70 -0.10	36.79 1.58 -0.05	39.22 1.62 0.00	39.62 1.85 0.00	41.78 2.59 0.00	42.78 2.61 0.00	45.14 2.83 0.00	47.79 3.00 0.00	51.15 3.17 0.00	56.78 3.81 0.00	70.23 4.29 -0.88	78.71 4.49 -8.15	96.47 5.55 -20.61	99.38 6.00 -17.49	108.90 6.70 -18.49	83.66 5.34 -6.15	73.88 4.77 0.00	59.03 3.55 0.00	48.83 3.28 0.00	41.94 2.82 0.00	39.19 2.01 0.00

CH_MISC_IPPS 23765	40.67 2.48 0.00	39.36 1.98 0.00	38.99 1.93 0.00	37.26 1.84 -0.11	36.94 1.72 -0.05	39.37 1.77 0.00	39.81 2.04 0.00	41.93 2.74 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.92 3.13 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.47 4.55 -0.86	78.78 4.76 -7.96	96.35 5.91 -20.14	99.35 6.38 -17.08	108.79 7.03 -18.04	83.80 5.63 -6.00	74.22 5.11 0.00	59.47 4.00 0.00	49.24 3.69 0.00	42.21 3.09 0.00	39.60 2.42 0.00
CH_RES_BVR_FALLS 23983	37.50 -0.69 0.00	36.86 -0.52 0.00	36.54 -0.52 0.00	34.86 -0.46 0.00	34.70 -0.46 0.00	37.11 -0.49 0.00	37.24 -0.53 0.00	38.33 -0.86 0.00	39.25 -0.92 0.00	41.25 -1.06 0.00	43.63 -1.16 0.00	46.74 -1.25 0.00	51.59 -1.38 0.00	63.57 -1.49 0.00	64.55 -1.52 0.00	68.62 -1.69 0.00	74.15 -1.74 0.00	81.63 -2.09 0.00	70.44 -1.73 0.00	67.45 -1.66 0.00	54.14 -1.33 0.00	44.32 -1.23 0.00	38.30 -0.82 0.00	36.66 -0.52 0.00
CH_RES_NIAGARA 23895	37.92 -0.27 0.00	36.71 -0.67 0.00	36.10 -0.96 0.00	34.54 -0.78 0.00	34.49 -0.67 0.00	36.77 -0.83 0.00	37.05 -0.72 0.00	37.47 -1.72 0.00	38.72 -1.44 0.00	40.57 -1.74 0.00	43.45 -1.34 0.00	46.59 -1.39 0.00	51.59 -1.38 0.00	62.17 -2.99 -0.10	64.06 -2.97 -0.97	68.74 -4.43 -2.86	72.77 -5.47 -2.35	79.98 -5.94 -2.21	68.72 -4.19 -0.73	66.07 -3.04 0.00	53.65 -1.83 0.00	44.00 -1.55 0.00	37.36 -1.76 0.00	35.96 -1.23 0.00
CH_RES_SYRACUSE 23985	38.53 0.34 0.00	37.53 0.15 0.00	37.13 0.07 0.00	35.39 0.07 0.00	35.30 0.14 0.00	37.75 0.15 0.00	38.07 0.30 0.00	39.58 0.39 0.00	40.73 0.56 0.00	42.98 0.67 0.00	45.69 0.90 0.00	48.89 0.91 0.00	53.65 0.69 0.00	65.78 0.72 0.00	66.72 0.66 0.00	72.10 0.50 -1.30	77.12 0.38 -0.85	84.32 0.59 -0.02	72.61 0.44 0.00	69.80 0.69 0.00	56.09 0.61 0.00	46.23 0.68 0.00	39.40 0.28 0.00	37.29 0.11 0.00
CLINTON_WT_PWR 323605	37.20 -0.99 0.00	36.75 -0.64 0.00	36.43 -0.63 0.00	34.79 -0.53 0.00	34.67 -0.49 0.00	37.15 -0.45 0.00	37.40 -0.38 0.00	38.29 -0.90 0.00	39.17 -1.00 0.00	41.17 -1.14 0.00	43.31 -1.48 0.00	46.30 -1.68 0.00	51.11 -1.86 0.00	63.11 -1.95 0.00	64.21 -1.85 0.00	67.78 -2.53 0.00	73.39 -2.50 0.00	80.04 -3.68 0.00	69.72 -2.45 0.00	66.69 -2.42 0.00	53.65 -1.83 0.00	43.68 -1.87 0.00	38.34 -0.78 0.00	36.92 -0.26 0.00
CLINTON__LFGE 323618	37.50 -0.69 0.00	37.08 -0.30 0.00	36.69 -0.37 0.00	35.07 -0.25 0.00	34.95 -0.21 0.00	37.49 -0.11 0.00	37.70 -0.08 0.00	38.64 -0.55 0.00	39.48 -0.68 0.00	41.50 -0.81 0.00	43.58 -1.21 0.00	46.59 -1.39 0.00	51.43 -1.54 0.00	63.63 -1.43 0.00	64.81 -1.26 0.00	68.12 -2.18 0.00	73.85 -2.05 0.00	80.28 -3.44 0.00	70.15 -2.02 0.00	67.31 -1.80 0.00	54.20 -1.27 0.00	44.00 -1.55 0.00	38.69 -0.43 0.00	37.26 0.07 0.00
COBBLENY_34_KV_TB1 80064	39.37 1.18 0.00	38.06 0.67 0.00	37.43 0.37 0.00	35.64 0.32 0.00	35.69 0.53 0.00	38.13 0.53 0.00	38.53 0.76 0.00	39.23 0.04 0.00	40.45 0.28 0.00	42.56 0.25 0.00	45.46 0.67 0.00	48.90 0.91 0.00	53.44 0.48 0.00	65.25 0.07 -0.12	67.38 0.20 -1.11	71.85 -1.69 -3.23	76.13 -2.43 -2.66	84.91 -1.34 -2.53	72.44 -0.58 -0.84	69.39 0.28 0.00	56.25 0.78 0.00	46.10 0.55 0.00	39.04 -0.08 0.00	37.48 0.30 0.00
COFFEEN__115KV_TB3 355620	39.11 0.92 0.00	38.09 0.71 0.00	37.65 0.59 0.00	35.85 0.53 0.00	35.73 0.56 0.00	38.31 0.71 0.00	38.68 0.91 0.00	40.25 1.06 0.00	41.21 1.04 0.00	43.41 1.10 0.00	46.09 1.30 0.00	49.42 1.44 0.00	54.19 1.22 0.00	66.62 1.56 0.00	67.52 1.45 0.00	72.42 1.41 -0.71	77.95 1.59 -0.46	86.07 2.34 -0.01	74.41 2.24 0.00	71.87 2.76 0.00	57.42 1.94 0.00	46.60 1.05 0.00	39.79 0.67 0.00	37.89 0.71 0.00
COLDSPRG_115KV_BK1 355956	40.48 2.29 0.00	39.14 1.76 0.00	38.47 1.41 0.00	36.62 1.31 0.00	36.71 1.55 0.00	39.25 1.65 0.00	39.81 2.04 0.00	40.76 1.57 0.00	42.14 1.97 0.00	44.29 1.99 0.00	47.30 2.51 0.00	50.82 2.83 0.00	55.67 2.70 0.00	67.86 2.67 -0.13	70.23 2.97 -1.19	74.23 0.49 -3.44	78.73 0.00 -2.83	88.44 2.01 -2.71	75.45 2.38 -0.90	71.94 2.83 0.00	58.36 2.88 0.00	47.74 2.19 0.00	40.41 1.29 0.00	38.67 1.49 0.00
COLONIE_LFGE__ 323577	40.10 1.91 0.00	38.92 1.53 0.00	38.54 1.48 0.00	36.43 1.34 0.23	36.39 1.34 0.11	39.06 1.46 0.00	39.47 1.70 0.00	41.39 2.19 0.00	42.42 2.25 0.00	44.67 2.37 0.00	47.25 2.46 0.00	50.67 2.69 0.00	55.93 2.96 0.00	71.27 3.77 -2.44	92.55 3.90 -22.59	111.44 4.15 -36.99	115.67 4.40 -35.38	139.71 5.02 -50.97	93.54 4.33 -17.04	73.05 3.94 0.00	58.69 3.22 0.00	48.24 2.69 0.00	41.35 2.23 0.00	38.86 1.67 0.00
COOPERNY_115KV_TB1 80082	39.68 1.49 0.00	38.51 1.12 0.00	38.21 1.15 0.00	36.48 1.09 -0.07	36.25 1.05 -0.03	38.69 1.09 0.00	38.94 1.17 0.00	40.92 1.72 0.00	41.89 1.73 0.00	44.21 1.90 0.00	46.81 2.02 0.00	50.10 2.11 0.00	55.46 2.49 0.00	68.43 2.80 -0.57	74.28 2.91 -5.31	87.60 3.66 -13.64	91.30 3.87 -11.53	100.20 4.44 -12.05	79.64 3.46 -4.00	72.15 3.04 0.00	57.75 2.27 0.00	47.65 2.10 0.00	40.92 1.80 0.00	38.41 1.23 0.00
COPENHAGEN_WT_PWR 323753	38.72 0.53 0.00	37.76 0.37 0.00	37.32 0.26 0.00	35.57 0.25 0.00	35.44 0.28 0.00	37.98 0.38 0.00	38.34 0.57 0.00	39.86 0.67 0.00	40.85 0.68 0.00	42.98 0.67 0.00	45.73 0.94 0.00	48.89 0.91 0.00	53.76 0.80 0.00	66.04 0.98 0.00	66.86 0.80 0.00	71.74 0.70 -0.73	77.20 0.84 -0.47	85.15 1.42 -0.01	73.54 1.37 0.00	70.98 1.87 0.00	56.70 1.22 0.00	46.14 0.59 0.00	39.47 0.35 0.00	37.55 0.37 0.00
CORNELL____ 23752	39.57 1.37 0.00	38.43 1.05 0.00	38.02 0.96 0.00	36.20 0.88 0.00	36.11 0.95 0.00	38.62 1.02 0.00	39.02 1.25 0.00	40.64 1.45 0.00	41.77 1.61 0.00	44.08 1.78 0.00	46.76 1.97 0.00	50.10 2.11 0.00	55.09 2.12 0.00	67.89 2.67 -0.16	70.27 2.71 -1.50	77.20 2.67 -4.22	82.20 2.81 -3.50	90.80 3.68 -3.40	76.48 3.18 -1.13	72.22 3.11 0.00	58.03 2.55 0.00	47.51 1.96 0.00	40.33 1.21 0.00	38.22 1.04 0.00
CORONAAV_69_KV_TB1 355595	45.87 3.51 -4.17	44.76 2.88 -4.50	42.81 2.89 -2.85	38.29 2.83 -0.15	37.94 2.71 -0.07	40.41 2.74 -0.06	41.58 2.91 -0.89	43.55 3.80 -0.56	44.02 3.86 0.00	46.58 4.27 0.00	48.87 4.08 0.00	52.11 4.13 0.00	57.95 4.98 0.00	71.70 5.79 -0.85	80.29 6.34 -7.89	98.39 8.01 -20.07	101.32 8.42 -17.01	110.73 9.13 -17.89	85.05 6.93 -5.95	74.98 5.87 0.00	59.80 4.33 0.00	50.01 4.46 0.00	42.80 3.68 0.00	40.16 2.97 0.00
CORTLAND_115KV_TB3 80093	39.18 0.99 0.00	38.09 0.71 0.00	37.73 0.67 0.00	35.92 0.60 0.00	35.83 0.67 0.00	38.31 0.71 0.00	38.64 0.87 0.00	40.25 1.06 0.00	41.33 1.16 0.00	43.66 1.35 0.00	46.27 1.48 0.00	49.62 1.63 0.00	54.61 1.64 0.00	67.20 2.02 -0.13	69.28 2.05 -1.17	75.57 1.90 -3.37	80.64 1.97 -2.78	88.88 2.51 -2.65	75.22 2.17 -0.88	71.25 2.14 0.00	57.25 1.78 0.00	46.96 1.41 0.00	39.98 0.86 0.00	37.85 0.67 0.00

COXSACKIE___GT 23611	41.74 3.55 0.00	40.48 3.10 0.00	40.06 3.00 0.00	38.10 2.86 0.08	37.97 2.85 0.04	40.61 3.01 0.00	41.06 3.28 0.00	42.80 3.60 0.00	43.54 3.37 0.00	45.73 3.43 0.00	48.02 3.23 0.00	51.29 3.31 0.00	56.89 3.92 0.00	70.98 4.43 -1.50	84.37 4.43 -13.88	97.96 4.78 -22.87	100.52 5.54 -19.09	110.11 6.28 -20.11	88.41 5.78 -10.46	75.05 5.94 0.00	60.25 4.77 0.00	49.83 4.28 0.00	42.52 3.40 0.00	40.19 3.01 0.00
CPV_VALLEY___CC1 323721	39.83 1.64 0.00	38.58 1.20 0.00	38.28 1.22 0.00	36.58 1.16 -0.10	36.30 1.09 -0.05	38.69 1.09 0.00	39.06 1.29 0.00	41.11 1.92 0.00	42.10 1.93 0.00	44.42 2.11 0.00	46.98 2.19 0.00	50.29 2.30 0.00	55.62 2.65 0.00	68.88 3.12 -0.70	75.83 3.30 -6.46	91.09 4.22 -16.57	94.46 4.55 -14.01	103.40 5.02 -14.66	81.01 3.97 -4.87	72.43 3.32 0.00	57.98 2.50 0.00	47.92 2.37 0.00	41.19 2.07 0.00	38.67 1.49 0.00
CPV_VALLEY___CC2 323722	39.83 1.64 0.00	38.58 1.20 0.00	38.28 1.22 0.00	36.58 1.16 -0.10	36.30 1.09 -0.05	38.69 1.09 0.00	39.06 1.29 0.00	41.11 1.92 0.00	42.10 1.93 0.00	44.42 2.11 0.00	46.98 2.19 0.00	50.29 2.30 0.00	55.62 2.65 0.00	68.88 3.12 -0.70	75.83 3.30 -6.46	91.09 4.22 -16.57	94.46 4.55 -14.01	103.40 5.02 -14.66	81.01 3.97 -4.87	72.43 3.32 0.00	57.98 2.50 0.00	47.92 2.37 0.00	41.19 2.07 0.00	38.67 1.49 0.00
CRESCENT___HYD 24018	40.10 1.91 0.00	38.92 1.53 0.00	38.54 1.48 0.00	36.43 1.34 0.23	36.39 1.34 0.11	39.06 1.46 0.00	39.47 1.70 0.00	41.39 2.19 0.00	42.42 2.25 0.00	44.67 2.37 0.00	47.25 2.46 0.00	50.67 2.69 0.00	55.93 2.96 0.00	71.27 3.77 -2.44	92.55 3.90 -22.59	111.44 4.15 -36.99	115.67 4.40 -35.38	139.71 5.02 -50.97	93.54 4.33 -17.04	73.05 3.94 0.00	58.69 3.22 0.00	48.24 2.69 0.00	41.35 2.23 0.00	38.86 1.67 0.00
CRICKET___VALLEY_CC1 323756	39.87 1.68 0.00	38.58 1.20 0.00	38.21 1.15 0.00	34.13 1.06 2.24	35.10 0.98 1.05	38.62 1.02 0.00	39.06 1.29 0.00	41.23 2.04 0.00	42.26 2.09 0.00	44.55 2.24 0.00	47.12 2.33 0.00	50.48 2.49 0.00	55.83 2.86 0.00	69.44 3.45 -0.94	78.44 3.70 -8.68	96.50 4.57 -21.63	99.17 4.86 -18.42	108.84 5.44 -19.69	83.12 4.40 -6.55	72.91 3.80 0.00	58.30 2.83 0.00	48.10 2.55 0.00	41.31 2.19 0.00	38.71 1.53 0.00
CRICKET___VALLEY_CC2 323757	39.87 1.68 0.00	38.58 1.20 0.00	38.21 1.15 0.00	34.13 1.06 2.24	35.10 0.98 1.05	38.62 1.02 0.00	39.06 1.29 0.00	41.23 2.04 0.00	42.26 2.09 0.00	44.55 2.24 0.00	47.12 2.33 0.00	50.48 2.49 0.00	55.83 2.86 0.00	69.44 3.45 -0.94	78.44 3.70 -8.68	96.50 4.57 -21.63	99.17 4.86 -18.42	108.84 5.44 -19.69	83.12 4.40 -6.55	72.91 3.80 0.00	58.30 2.83 0.00	48.10 2.55 0.00	41.31 2.19 0.00	38.71 1.53 0.00
CRICKET___VALLEY_CC3 323758	39.87 1.68 0.00	38.58 1.20 0.00	38.21 1.15 0.00	34.13 1.06 2.24	35.10 0.98 1.05	38.62 1.02 0.00	39.06 1.29 0.00	41.23 2.04 0.00	42.26 2.09 0.00	44.55 2.24 0.00	47.12 2.33 0.00	50.48 2.49 0.00	55.83 2.86 0.00	69.44 3.45 -0.94	78.44 3.70 -8.68	96.50 4.57 -21.63	99.17 4.86 -18.42	108.84 5.44 -19.69	83.12 4.40 -6.55	72.91 3.80 0.00	58.30 2.83 0.00	48.10 2.55 0.00	41.31 2.19 0.00	38.71 1.53 0.00
CRUCIBLE_METL_DRP 24180	38.53 0.34 0.00	37.53 0.15 0.00	37.13 0.07 0.00	35.39 0.07 0.00	35.27 0.11 0.00	37.71 0.11 0.00	38.08 0.30 0.00	39.58 0.39 0.00	40.73 0.56 0.00	42.98 0.68 0.00	45.60 0.81 0.00	48.90 0.91 0.00	53.55 0.58 0.00	65.78 0.72 0.00	66.72 0.66 0.00	72.10 0.49 -1.30	77.12 0.38 -0.85	84.32 0.59 -0.02	72.61 0.43 0.00	69.66 0.55 0.00	56.09 0.61 0.00	46.23 0.68 0.00	39.36 0.23 0.00	37.29 0.11 0.00
DAHOWA___HYDRO 323763	41.21 3.02 0.00	39.96 2.58 0.00	39.58 2.52 0.00	37.42 2.29 0.19	37.39 2.32 0.09	40.12 2.52 0.00	40.53 2.76 0.00	42.44 3.25 0.00	43.46 3.29 0.00	45.82 3.51 0.00	48.55 3.76 0.00	52.16 4.17 0.00	57.31 4.34 0.00	73.49 5.73 -2.70	96.83 5.74 -25.02	115.37 5.69 -39.37	120.11 6.07 -38.14	146.92 6.78 -56.42	96.96 5.92 -18.87	74.57 5.46 0.00	60.36 4.88 0.00	49.51 3.96 0.00	42.29 3.17 0.00	39.71 2.53 0.00
DANC___LFGE 323619	38.46 0.27 0.00	37.46 0.07 0.00	37.06 0.00 0.00	35.32 0.00 0.00	35.20 0.04 0.00	37.68 0.08 0.00	38.04 0.27 0.00	39.54 0.35 0.00	40.61 0.44 0.00	42.77 0.47 0.00	45.42 0.63 0.00	48.61 0.62 0.00	53.50 0.53 0.00	65.71 0.65 0.00	66.53 0.47 0.00	71.50 0.35 -0.85	76.67 0.23 -0.55	84.39 0.67 -0.01	72.82 0.65 0.00	70.15 1.04 0.00	56.14 0.67 0.00	45.87 0.32 0.00	39.24 0.12 0.00	37.26 0.07 0.00
DANSKAMMER___1 23586	40.67 2.48 0.00	39.36 1.98 0.00	38.99 1.93 0.00	37.26 1.84 -0.11	36.94 1.72 -0.05	39.37 1.77 0.00	39.81 2.04 0.00	41.93 2.74 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.92 3.13 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.47 4.55 -0.86	78.78 4.76 -7.96	96.35 5.91 -20.14	99.35 6.38 -17.08	108.79 7.03 -18.04	83.80 5.63 -6.00	74.22 5.11 0.00	59.47 4.00 0.00	49.24 3.69 0.00	42.21 3.09 0.00	39.60 2.42 0.00
DANSKAMMER___2 23589	40.67 2.48 0.00	39.36 1.98 0.00	38.99 1.93 0.00	37.26 1.84 -0.11	36.94 1.72 -0.05	39.37 1.77 0.00	39.81 2.04 0.00	41.93 2.74 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.92 3.13 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.47 4.55 -0.86	78.78 4.76 -7.96	96.35 5.91 -20.14	99.35 6.38 -17.08	108.79 7.03 -18.04	83.80 5.63 -6.00	74.22 5.11 0.00	59.47 4.00 0.00	49.24 3.69 0.00	42.21 3.09 0.00	39.60 2.42 0.00
DANSKAMMER___3 23590	40.67 2.48 0.00	39.36 1.98 0.00	38.99 1.93 0.00	37.26 1.84 -0.11	36.94 1.72 -0.05	39.37 1.77 0.00	39.81 2.04 0.00	41.93 2.74 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.92 3.13 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.47 4.55 -0.86	78.78 4.76 -7.96	96.35 5.91 -20.14	99.35 6.38 -17.08	108.79 7.03 -18.04	83.80 5.63 -6.00	74.22 5.11 0.00	59.47 4.00 0.00	49.24 3.69 0.00	42.21 3.09 0.00	39.60 2.42 0.00
DANSKAMMER___4 23591	40.67 2.48 0.00	39.36 1.98 0.00	38.99 1.93 0.00	37.26 1.84 -0.11	36.94 1.72 -0.05	39.37 1.77 0.00	39.81 2.04 0.00	41.93 2.74 0.00	42.94 2.77 0.00	45.31 3.00 0.00	47.92 3.13 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.47 4.55 -0.86	78.78 4.76 -7.96	96.35 5.91 -20.14	99.35 6.38 -17.08	108.79 7.03 -18.04	83.80 5.63 -6.00	74.22 5.11 0.00	59.47 4.00 0.00	49.24 3.69 0.00	42.21 3.09 0.00	39.60 2.42 0.00
DANSKAMMER___DIESEL 23592	40.67 2.48 0.00	39.37 1.98 0.00	38.99 1.93 0.00	37.30 1.87 -0.11	36.94 1.72 -0.05	39.40 1.80 0.00	39.81 2.04 0.00	41.94 2.74 0.00	42.90 2.73 0.00	45.31 3.00 0.00	48.02 3.22 0.00	51.39 3.41 0.00	56.99 4.03 0.00	70.47 4.55 -0.86	78.78 4.76 -7.96	96.34 5.91 -20.14	99.35 6.38 -17.08	108.79 7.03 -18.04	83.80 5.63 -6.00	74.22 5.11 0.00	59.47 3.99 0.00	49.24 3.69 0.00	42.25 3.13 0.00	39.49 2.31 0.00

DARBY___SOLAR 323810	40.98 2.79 0.00	39.74 2.36 0.00	39.40 2.34 0.00	37.24 2.12 0.20	37.22 2.15 0.09	39.89 2.29 0.00	40.30 2.53 0.00	42.21 3.02 0.00	43.26 3.09 0.00	45.61 3.30 0.00	48.33 3.54 0.00	51.87 3.89 0.00	57.10 4.13 0.00	73.07 5.34 -2.67	96.21 5.42 -24.73	114.80 5.41 -39.08	119.40 5.69 -37.81	145.94 6.45 -55.78	96.38 5.56 -18.65	74.22 5.11 0.00	59.97 4.49 0.00	49.29 3.74 0.00	42.09 2.97 0.00	39.56 2.38 0.00
DASHVILLE___HYD 23610	40.29 2.10 0.00	38.99 1.61 0.00	38.69 1.63 0.00	37.10 1.73 -0.05	36.77 1.58 -0.02	39.07 1.47 0.00	39.40 1.62 0.00	41.50 2.31 0.00	42.38 2.21 0.00	44.76 2.45 0.00	47.39 2.60 0.00	50.82 2.83 0.00	56.41 3.44 0.00	69.25 3.19 -1.00	78.73 3.37 -9.29	95.23 4.57 -20.35	98.33 5.31 -17.13	107.24 5.61 -17.91	83.51 4.33 -7.01	73.53 4.42 0.00	58.64 3.16 0.00	48.56 3.01 0.00	41.70 2.58 0.00	39.00 1.82 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	52.15 5.80 -8.15	47.03 5.08 -4.56	45.05 5.08 -2.91	40.38 4.91 -0.16	40.02 4.78 -0.08	42.67 5.00 -0.07	46.18 5.29 -3.12	52.48 6.35 -6.94	49.27 6.47 -2.63	62.51 7.02 -13.18	79.12 6.67 -27.65	153.08 7.01 -98.09	160.38 8.26 -99.15	514.87 10.02 -439.79	354.86 10.64 -278.16	325.87 12.09 -243.47	311.33 12.60 -222.84	358.00 13.65 -260.64	320.29 10.90 -237.22	310.15 9.61 -231.43	326.65 7.66 -263.52	186.41 7.24 -133.62	50.38 6.02 -5.24	47.99 5.35 -5.45
DELAWARE___LFGE 323621	39.95 1.76 0.00	38.88 1.50 0.00	38.62 1.56 0.00	36.80 1.48 0.00	36.60 1.44 0.00	39.14 1.54 0.00	39.28 1.51 0.00	41.11 1.92 0.00	42.02 1.85 0.00	44.38 2.07 0.00	47.07 2.28 0.00	50.43 2.45 0.00	55.67 2.70 0.00	68.49 3.06 -0.38	72.59 3.04 -3.48	82.99 3.30 -9.38	87.23 3.49 -7.85	95.73 4.10 -7.91	78.19 3.39 -2.63	72.50 3.39 0.00	58.14 2.66 0.00	47.74 2.19 0.00	40.84 1.72 0.00	38.52 1.34 0.00
DERFIELD_115KV_TB7 355931	38.46 0.27 0.00	37.57 0.19 0.00	37.25 0.19 0.00	35.49 0.18 0.00	35.34 0.18 0.00	37.79 0.19 0.00	38.00 0.23 0.00	39.54 0.35 0.00	40.49 0.32 0.00	42.69 0.38 0.00	45.24 0.45 0.00	48.46 0.48 0.00	53.44 0.48 0.00	65.58 0.52 0.00	66.59 0.53 0.00	70.94 0.63 0.00	76.58 0.68 0.00	84.55 0.84 0.00	72.68 0.51 0.00	69.59 0.48 0.00	55.86 0.39 0.00	45.87 0.32 0.00	39.36 0.23 0.00	37.29 0.11 0.00
DOGLEVILLE___HYD 23807	38.53 0.34 0.00	37.65 0.26 0.00	37.36 0.30 0.00	35.57 0.25 0.00	35.41 0.25 0.00	37.90 0.30 0.00	38.11 0.34 0.00	39.70 0.51 0.00	40.69 0.52 0.00	42.90 0.59 0.00	45.46 0.67 0.00	48.75 0.77 0.00	53.76 0.80 0.00	66.04 0.98 0.00	66.92 0.86 0.00	71.22 0.91 0.00	76.81 0.91 0.00	84.89 1.17 0.00	72.97 0.80 0.00	69.94 0.83 0.00	56.14 0.67 0.00	46.05 0.50 0.00	39.51 0.39 0.00	37.48 0.30 0.00
DUNKIRK___115KV_TB_200 55889	39.99 1.79 0.00	38.65 1.27 0.00	37.99 0.93 0.00	36.17 0.85 0.00	36.25 1.09 0.00	38.73 1.13 0.00	39.06 1.28 0.00	39.82 0.63 0.00	41.09 0.92 0.00	43.24 0.93 0.00	46.22 1.43 0.00	49.66 1.68 0.00	54.34 1.38 0.00	66.29 1.11 -0.12	68.51 1.32 -1.13	73.15 -0.42 -3.26	77.52 -1.06 -2.69	86.28 0.00 -2.56	73.60 0.58 -0.85	70.42 1.31 0.00	57.09 1.61 0.00	46.78 1.23 0.00	39.63 0.51 0.00	38.00 0.82 0.00
DUNKIRK___1 23563	39.99 1.79 0.00	38.65 1.27 0.00	37.99 0.93 0.00	36.17 0.85 0.00	36.25 1.09 0.00	38.73 1.13 0.00	39.06 1.28 0.00	39.82 0.63 0.00	41.09 0.92 0.00	43.24 0.93 0.00	46.22 1.43 0.00	49.66 1.68 0.00	54.34 1.38 0.00	66.29 1.11 -0.12	68.51 1.32 -1.13	73.15 -0.42 -3.26	77.52 -1.06 -2.69	86.28 0.00 -2.56	73.60 0.58 -0.85	70.42 1.31 0.00	57.09 1.61 0.00	46.78 1.23 0.00	39.63 0.51 0.00	38.00 0.82 0.00
DUNKIRK___2 23564	39.99 1.79 0.00	38.65 1.27 0.00	37.99 0.93 0.00	36.17 0.85 0.00	36.25 1.09 0.00	38.73 1.13 0.00	39.06 1.28 0.00	39.82 0.63 0.00	41.09 0.92 0.00	43.24 0.93 0.00	46.22 1.43 0.00	49.66 1.68 0.00	54.34 1.38 0.00	66.29 1.11 -0.12	68.51 1.32 -1.13	73.15 -0.42 -3.26	77.52 -1.06 -2.69	86.28 0.00 -2.56	73.60 0.58 -0.85	70.42 1.31 0.00	57.09 1.61 0.00	46.78 1.23 0.00	39.63 0.51 0.00	38.00 0.82 0.00
DUNKIRK___3 23565	39.68 1.49 0.00	38.36 0.97 0.00	37.73 0.67 0.00	35.92 0.60 0.00	35.97 0.81 0.00	38.43 0.83 0.00	38.83 1.06 0.00	39.62 0.43 0.00	40.85 0.68 0.00	43.02 0.72 0.00	45.95 1.16 0.00	49.38 1.39 0.00	54.03 1.06 0.00	65.96 0.78 -0.12	68.12 0.92 -1.13	72.73 -0.84 -3.27	77.15 -1.44 -2.69	85.87 -0.42 -2.57	73.31 0.29 -0.85	70.01 0.90 0.00	56.81 1.33 0.00	46.51 0.96 0.00	39.43 0.31 0.00	37.78 0.59 0.00
DUNKIRK___4 23566	39.68 1.49 0.00	38.36 0.97 0.00	37.73 0.67 0.00	35.92 0.60 0.00	35.97 0.81 0.00	38.43 0.83 0.00	38.91 1.13 0.00	39.62 0.43 0.00	40.89 0.72 0.00	43.02 0.72 0.00	45.95 1.16 0.00	49.38 1.39 0.00	54.03 1.06 0.00	65.96 0.78 -0.12	68.08 0.92 -1.10	72.64 -0.84 -3.18	76.99 -1.52 -2.62	85.70 -0.50 -2.49	73.21 0.22 -0.83	70.08 0.97 0.00	56.81 1.33 0.00	46.55 1.00 0.00	39.43 0.31 0.00	37.81 0.63 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.79 2.60 0.00	39.37 1.98 0.00	39.10 2.04 0.00	37.44 1.98 -0.15	37.06 1.83 -0.07	39.48 1.88 0.00	39.85 2.08 0.00	42.17 2.98 0.00	43.22 3.05 0.00	45.65 3.34 0.00	48.33 3.54 0.00	51.68 3.69 0.00	57.31 4.34 0.00	70.92 5.01 -0.85	79.23 5.29 -7.88	96.98 6.61 -20.07	100.03 7.13 -17.00	109.47 7.87 -17.88	84.32 6.21 -5.94	74.50 5.39 0.00	59.42 3.94 0.00	49.24 3.69 0.00	42.33 3.21 0.00	39.49 2.31 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.37 2.18 0.00	39.07 1.68 0.00	38.76 1.70 0.00	37.05 1.62 -0.11	36.73 1.51 -0.05	39.18 1.58 0.00	39.55 1.78 0.00	41.66 2.47 0.00	42.62 2.45 0.00	45.01 2.71 0.00	47.66 2.87 0.00	50.96 2.98 0.00	56.52 3.55 0.00	69.85 3.97 -0.82	77.93 4.23 -7.64	94.93 5.27 -19.35	98.00 5.69 -16.41	107.40 6.36 -17.32	82.98 5.05 -5.76	73.60 4.49 0.00	58.86 3.38 0.00	48.69 3.14 0.00	41.82 2.70 0.00	39.12 1.93 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.94 2.75 0.00	39.33 1.94 0.00	39.10 2.04 0.00	37.34 1.87 -0.15	36.92 1.69 -0.07	39.25 1.65 0.00	39.59 1.81 0.00	42.01 2.82 0.00	42.98 2.81 0.00	45.39 3.09 0.00	48.02 3.22 0.00	51.34 3.36 0.01	57.20 4.24 0.01	70.78 4.88 -0.84	79.09 5.15 -7.88	97.04 6.68 -20.06	100.09 7.21 -16.99	109.54 7.95 -17.87	84.17 6.06 -5.94	74.35 5.25 0.01	59.24 3.77 0.01	48.82 3.28 0.01	42.33 3.21 0.00	39.60 2.42 0.00
E179THST_13_KV_LOAD 356214	41.17 2.98 0.00	39.55 2.17 0.00	39.32 2.26 0.00	37.51 2.05 -0.15	37.10 1.86 -0.07	39.48 1.88 0.00	39.81 2.04 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.65 3.34 0.00	48.33 3.54 0.00	51.72 3.74 0.01	57.62 4.66 0.01	71.24 5.33 -0.84	79.62 5.68 -7.88	97.60 7.24 -20.06	100.70 7.82 -16.99	110.21 8.62 -17.87	84.75 6.64 -5.94	74.91 5.81 0.01	59.68 4.22 0.01	49.19 3.64 0.01	42.64 3.52 0.00	39.82 2.64 0.00

EAST HAMPTON___GT 23717	52.87 6.53 -8.15	47.69 5.75 -4.56	45.72 5.74 -2.91	40.92 5.44 -0.17	40.63 5.38 -0.09	43.31 5.64 -0.07	46.86 5.97 -3.12	53.23 7.10 -6.94	52.41 7.27 -4.97	63.49 8.00 -13.19	80.16 7.71 -27.66	188.65 8.26 -132.40	196.65 9.53 -134.15	518.65 11.71 -441.88	357.30 12.42 -278.82	327.25 13.43 -243.52	312.82 14.04 -222.88	359.47 15.06 -260.69	322.24 12.20 -237.86	311.96 10.78 -232.08	330.10 9.05 -265.58	188.22 8.43 -134.25	55.93 6.93 -9.89	49.40 6.77 -5.45
EAST RIVER___6 23660	40.98 2.79 0.00	39.48 2.09 0.00	39.17 2.11 0.00	37.48 2.01 -0.15	37.09 1.86 -0.07	39.44 1.84 0.00	39.85 2.08 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.51 3.72 0.00	52.02 4.03 0.00	57.52 4.56 0.00	71.38 5.47 -0.85	79.76 5.81 -7.88	97.75 7.38 -20.06	100.86 7.97 -17.00	110.30 8.71 -17.88	84.83 6.71 -5.94	74.84 5.73 0.00	59.58 4.11 0.00	49.42 3.87 0.00	42.64 3.52 0.00	39.90 2.71 0.00
EAST RIVER___7 23524	40.98 2.79 0.00	39.48 2.09 0.00	39.17 2.11 0.00	37.48 2.01 -0.15	37.09 1.86 -0.07	39.44 1.84 0.00	39.85 2.08 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.51 3.72 0.00	52.02 4.03 0.00	57.52 4.56 0.00	71.38 5.47 -0.85	79.76 5.81 -7.88	97.75 7.38 -20.06	100.86 7.97 -17.00	110.30 8.71 -17.88	84.83 6.71 -5.94	74.84 5.73 0.00	59.58 4.11 0.00	49.42 3.87 0.00	42.64 3.52 0.00	39.90 2.71 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.67 2.48 0.00	39.29 1.91 0.00	38.99 1.93 0.00	37.34 1.87 -0.15	36.99 1.76 -0.07	39.40 1.80 0.00	39.78 2.00 0.00	42.09 2.90 0.00	43.10 2.93 0.00	45.52 3.22 0.00	48.19 3.40 0.00	51.54 3.55 0.00	57.15 4.18 0.00	70.72 4.81 -0.85	79.01 5.09 -7.86	96.71 6.40 -20.01	99.75 6.91 -16.95	109.17 7.62 -17.83	84.09 5.99 -5.93	74.29 5.18 0.00	59.25 3.77 0.00	49.10 3.55 0.00	42.21 3.09 0.00	39.38 2.19 0.00
EAST_HAMPTON___DIESEL 23722	52.87 6.53 -8.15	47.69 5.75 -4.56	45.72 5.74 -2.91	40.92 5.44 -0.17	40.63 5.38 -0.09	43.31 5.64 -0.07	46.86 5.97 -3.12	53.23 7.10 -6.94	52.45 7.31 -4.97	63.49 8.00 -13.19	80.16 7.71 -27.66	188.62 8.26 -132.38	196.68 9.59 -134.12	518.56 11.71 -441.79	357.27 12.42 -278.79	327.32 13.50 -243.51	312.89 14.11 -222.88	359.56 15.16 -260.69	322.28 12.27 -237.83	311.94 10.78 -232.05	330.01 9.05 -265.49	188.19 8.43 -134.22	55.93 6.93 -9.89	49.44 6.80 -5.45
EAST_PULASKI___ESR 323781	38.19 0.00 0.00	37.20 -0.19 0.00	36.80 -0.26 0.00	35.07 -0.25 0.00	34.95 -0.21 0.00	37.41 -0.19 0.00	37.74 -0.04 0.00	39.27 0.08 0.00	40.33 0.16 0.00	42.52 0.21 0.00	45.10 0.31 0.00	48.32 0.34 0.00	53.18 0.21 0.00	65.32 0.26 0.00	66.20 0.13 0.00	71.19 -0.07 -0.96	76.36 -0.15 -0.62	83.81 0.08 -0.01	72.17 0.00 0.00	69.39 0.28 0.00	55.64 0.17 0.00	45.64 0.09 0.00	38.96 -0.16 0.00	36.96 -0.22 0.00
EAST_RIVER___1 323558	40.86 2.67 0.00	39.40 2.02 0.00	39.13 2.07 0.00	37.48 2.01 -0.15	37.09 1.86 -0.07	39.44 1.84 0.00	39.85 2.08 0.00	42.29 3.10 0.00	43.34 3.17 0.00	45.78 3.47 0.00	48.37 3.58 0.00	51.87 3.89 0.00	57.31 4.34 0.00	71.12 5.21 -0.85	79.50 5.55 -7.88	97.47 7.10 -20.06	100.55 7.66 -17.00	109.97 8.37 -17.88	84.61 6.50 -5.94	74.64 5.53 0.00	59.47 4.00 0.00	49.33 3.78 0.00	42.52 3.40 0.00	39.78 2.60 0.00
EAST_RIVER___2 323559	40.98 2.79 0.00	39.48 2.09 0.00	39.17 2.11 0.00	37.48 2.01 -0.15	37.09 1.86 -0.07	39.44 1.84 0.00	39.85 2.08 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.51 3.72 0.00	52.02 4.03 0.00	57.52 4.56 0.00	71.38 5.47 -0.85	79.76 5.81 -7.88	97.75 7.38 -20.06	100.86 7.97 -17.00	110.30 8.71 -17.88	84.83 6.71 -5.94	74.84 5.73 0.00	59.58 4.11 0.00	49.42 3.87 0.00	42.64 3.52 0.00	39.90 2.71 0.00
EAST___DELAWARE_HYD 23607	40.14 1.95 0.00	38.84 1.46 0.00	38.50 1.44 0.00	36.76 1.38 -0.07	36.50 1.30 -0.03	38.95 1.35 0.00	39.32 1.55 0.00	41.39 2.19 0.00	42.30 2.13 0.00	44.63 2.33 0.00	46.13 1.34 0.00	49.52 1.54 0.00	54.77 1.80 0.00	67.79 1.95 -0.78	75.47 2.18 -7.23	90.76 3.24 -17.22	93.98 3.57 -14.52	102.96 4.10 -15.14	80.72 3.10 -5.45	71.80 2.69 0.00	57.30 1.83 0.00	47.37 1.82 0.00	41.51 2.39 0.00	38.97 1.78 0.00
EIGHT_POINT___WT_PWR 323820	39.95 1.76 0.00	38.62 1.23 0.00	38.06 1.00 0.00	36.38 1.06 0.00	36.36 1.20 0.00	38.84 1.24 0.00	39.24 1.47 0.00	40.45 1.25 0.00	41.89 1.73 0.00	44.08 1.78 0.00	47.03 2.24 0.00	50.34 2.35 0.00	55.46 2.49 0.00	67.55 2.34 -0.15	69.87 2.45 -1.36	75.43 1.27 -3.86	80.07 0.98 -3.19	88.97 2.17 -3.08	75.50 2.31 -1.02	71.88 2.77 0.00	58.03 2.55 0.00	47.60 2.05 0.00	39.98 0.86 0.00	38.30 1.11 0.00
ELBRIDGE_115KV_TB2 80188	38.50 0.31 0.00	37.50 0.11 0.00	37.10 0.04 0.00	35.32 0.00 0.00	35.23 0.07 0.00	37.68 0.08 0.00	38.00 0.23 0.00	39.54 0.35 0.00	40.65 0.48 0.00	42.90 0.59 0.00	45.46 0.67 0.00	48.75 0.77 0.00	53.60 0.64 0.00	65.91 0.85 0.00	66.86 0.79 0.00	72.35 0.63 -1.41	77.42 0.61 -0.92	84.57 0.84 -0.02	72.82 0.65 0.00	69.87 0.76 0.00	56.20 0.72 0.00	46.19 0.64 0.00	39.32 0.20 0.00	37.26 0.07 0.00
ELEC_TRO_TEK 24086	45.45 3.09 -4.17	44.39 2.50 -4.50	42.43 2.52 -2.85	37.97 2.51 -0.15	37.59 2.36 -0.07	40.07 2.41 -0.06	41.24 2.57 -0.90	43.25 3.49 -0.57	43.78 3.62 0.00	46.24 3.93 0.00	48.37 3.58 0.00	51.58 3.60 0.00	57.31 4.34 0.00	70.92 5.01 -0.85	79.56 5.62 -7.89	97.62 7.24 -20.07	100.41 7.51 -17.01	109.72 8.12 -17.89	84.25 6.13 -5.95	74.15 5.04 0.00	59.14 3.66 0.00	49.47 3.92 0.00	42.37 3.25 0.00	39.82 2.64 0.00
ELLENBURG_WT_PWR 323604	37.20 -0.99 0.00	36.75 -0.64 0.00	36.43 -0.63 0.00	34.79 -0.53 0.00	34.67 -0.49 0.00	37.15 -0.45 0.00	37.40 -0.38 0.00	38.29 -0.90 0.00	39.17 -1.00 0.00	41.17 -1.14 0.00	43.31 -1.48 0.00	46.30 -1.68 0.00	51.11 -1.86 0.00	63.11 -1.95 0.00	64.21 -1.85 0.00	67.78 -2.53 0.00	73.39 -2.50 0.00	80.04 -3.68 0.00	69.72 -2.45 0.00	66.69 -2.42 0.00	53.65 -1.83 0.00	43.68 -1.87 0.00	38.34 -0.78 0.00	36.92 -0.26 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.07 0.88 0.00	37.79 0.41 0.00	37.17 0.11 0.00	35.39 0.07 0.00	35.44 0.28 0.00	37.86 0.26 0.00	38.23 0.45 0.00	38.84 -0.35 0.00	40.05 -0.12 0.00	42.14 -0.17 0.00	45.01 0.22 0.00	48.37 0.38 0.00	52.86 -0.11 0.00	64.59 -0.59 -0.11	66.64 -0.46 -1.04	71.24 -2.11 -3.04	75.43 -2.96 -2.50	83.74 -2.34 -2.37	71.59 -1.37 -0.79	68.63 -0.48 0.00	55.64 0.17 0.00	45.64 0.09 0.00	38.65 -0.47 0.00	37.18 0.00 0.00
EMPIRE_CC_1 323656	39.30 1.11 0.00	38.13 0.75 0.00	37.80 0.74 0.00	35.66 0.64 0.29	35.62 0.60 0.14	38.31 0.71 0.00	38.72 0.94 0.00	40.60 1.41 0.00	41.57 1.41 0.00	43.87 1.57 0.00	46.27 1.48 0.00	49.52 1.54 0.00	54.77 1.80 0.00	68.61 2.21 -1.33	80.74 2.31 -12.36	99.94 2.67 -26.96	102.43 2.81 -23.73	114.88 3.18 -27.98	84.17 2.67 -9.32	71.53 2.42 0.00	57.42 1.94 0.00	47.28 1.73 0.00	40.61 1.49 0.00	38.11 0.93 0.00

EMPIRE_CC_2 323658	39.30 1.11 0.00	38.13 0.75 0.00	37.80 0.74 0.00	35.66 0.64 0.29	35.62 0.60 0.14	38.31 0.71 0.00	38.72 0.94 0.00	40.60 1.41 0.00	41.57 1.41 0.00	43.87 1.57 0.00	46.27 1.48 0.00	49.52 1.54 0.00	54.77 1.80 0.00	68.61 2.21 -1.33	80.74 2.31 -12.36	99.94 2.67 -26.96	102.43 2.81 -23.73	114.88 3.18 -27.98	84.17 2.67 -9.32	71.53 2.42 0.00	57.42 1.94 0.00	47.28 1.73 0.00	40.61 1.49 0.00	38.11 0.93 0.00
ENORWICH_115KV_TB1 80156	41.89 3.70 0.00	40.56 3.18 0.00	40.06 3.00 0.00	38.11 2.79 0.00	38.01 2.85 0.00	40.72 3.12 0.00	41.21 3.44 0.00	43.11 3.92 0.00	44.14 3.98 0.00	46.71 4.40 0.00	49.72 4.93 0.00	53.26 5.28 0.00	58.42 5.46 0.00	72.01 6.70 -0.24	75.12 6.80 -2.26	83.60 7.10 -6.19	88.49 7.44 -5.16	98.13 9.29 -5.12	82.03 8.16 -1.70	77.47 8.36 0.00	62.02 6.55 0.00	50.33 4.78 0.00	42.56 3.44 0.00	40.34 3.16 0.00
ERIE_ST__34_KV_TB1-2 80199	39.49 1.30 0.00	38.17 0.79 0.00	37.54 0.48 0.00	35.74 0.42 0.00	35.83 0.67 0.00	38.28 0.68 0.00	38.76 0.98 0.00	39.47 0.27 0.00	40.73 0.56 0.00	42.86 0.55 0.00	45.78 0.99 0.00	49.23 1.25 0.00	53.82 0.85 0.00	65.70 0.52 -0.12	67.88 0.73 -1.09	71.63 -1.83 -3.16	75.91 -2.58 -2.60	85.43 -0.75 -2.47	72.99 0.00 -0.82	69.80 0.69 0.00	56.64 1.17 0.00	46.32 0.77 0.00	39.24 0.12 0.00	37.67 0.48 0.00
ERIE_WT_PWR 323693	39.34 1.14 0.00	38.02 0.63 0.00	37.39 0.33 0.00	35.78 0.46 0.00	35.72 0.56 0.00	38.13 0.53 0.00	38.49 0.72 0.00	39.15 -0.04 0.00	40.49 0.32 0.00	42.48 0.17 0.00	45.46 0.67 0.00	48.80 0.81 0.00	53.97 1.00 0.00	65.11 -0.06 -0.12	67.20 0.07 -1.07	71.66 -1.75 -3.11	75.95 -2.50 -2.56	84.47 -1.67 -2.43	72.26 -0.72 -0.81	69.18 0.07 0.00	56.14 0.67 0.00	46.01 0.46 0.00	38.69 -0.43 0.00	37.41 0.22 0.00
ESPRGFLD_115KV_TB1 80157	41.21 3.02 0.00	40.15 2.77 0.00	39.80 2.74 0.00	37.82 2.58 0.08	37.73 2.60 0.04	40.38 2.78 0.00	39.81 2.04 0.00	41.70 2.51 0.00	42.66 2.49 0.00	45.10 2.79 0.00	47.93 3.14 0.00	51.34 3.36 0.00	56.57 3.60 0.00	69.67 4.23 -0.38	73.76 4.16 -3.53	84.30 4.50 -9.50	88.54 4.71 -7.95	97.34 5.61 -8.01	79.53 4.69 -2.66	73.81 4.70 0.00	59.08 3.61 0.00	48.37 2.82 0.00	41.31 2.19 0.00	38.97 1.78 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.53 1.34 0.00	38.39 1.01 0.00	37.99 0.93 0.00	36.17 0.85 0.00	36.11 0.95 0.00	38.62 1.02 0.00	38.98 1.21 0.00	40.60 1.41 0.00	41.73 1.57 0.00	44.04 1.73 0.00	46.72 1.93 0.00	50.05 2.06 0.00	55.03 2.07 0.00	67.82 2.60 -0.16	70.20 2.64 -1.49	77.12 2.60 -4.21	82.11 2.73 -3.49	90.62 3.52 -3.39	76.33 3.03 -1.13	72.15 3.04 0.00	57.97 2.50 0.00	47.46 1.91 0.00	40.29 1.17 0.00	38.19 1.00 0.00
ETNA_____115KV_TB2 80207	39.53 1.34 0.00	38.39 1.01 0.00	37.99 0.93 0.00	36.17 0.85 0.00	36.11 0.95 0.00	38.62 1.02 0.00	38.98 1.21 0.00	40.60 1.41 0.00	41.73 1.57 0.00	44.04 1.73 0.00	46.72 1.93 0.00	50.05 2.06 0.00	55.03 2.07 0.00	67.82 2.60 -0.16	70.20 2.64 -1.49	77.12 2.60 -4.21	82.11 2.73 -3.49	90.62 3.52 -3.39	76.33 3.03 -1.13	72.15 3.04 0.00	57.97 2.50 0.00	47.46 1.91 0.00	40.29 1.17 0.00	38.19 1.00 0.00
EUCLID___115KV_TB2 356179	38.11 -0.08 0.00	37.12 -0.26 0.00	36.76 -0.30 0.00	35.00 -0.32 0.00	34.92 -0.25 0.00	37.34 -0.26 0.00	37.62 -0.15 0.00	39.11 -0.08 0.00	40.17 0.00 0.00	42.39 0.08 0.00	44.97 0.18 0.00	48.22 0.24 0.00	53.07 0.11 0.00	65.19 0.13 0.00	66.13 0.07 0.00	71.42 0.00 -1.11	76.46 -0.15 -0.72	83.65 -0.08 -0.01	72.10 -0.07 0.00	69.18 0.07 0.00	55.59 0.11 0.00	45.64 0.09 0.00	38.92 -0.20 0.00	36.88 -0.30 0.00
E_CANADA_CAP_HY 24051	41.89 3.70 0.00	40.79 3.40 0.00	40.43 3.37 0.00	38.35 3.14 0.11	38.31 3.20 0.05	41.02 3.42 0.00	42.08 4.30 0.00	44.05 4.86 0.00	45.15 4.98 0.00	47.47 5.16 0.00	50.21 5.42 0.00	53.93 5.95 0.00	59.53 6.57 0.00	76.65 8.65 -2.93	102.10 8.86 -27.19	120.18 8.36 -41.51	125.62 9.10 -40.62	155.30 10.29 -61.29	101.76 9.09 -20.50	77.54 8.43 0.00	63.35 7.87 0.00	51.61 6.06 0.00	43.97 4.85 0.00	41.24 4.05 0.00
E_CANADA_MHWK_HY 24050	38.53 0.34 0.00	37.65 0.26 0.00	37.36 0.30 0.00	35.57 0.25 0.00	35.41 0.25 0.00	37.90 0.30 0.00	38.11 0.34 0.00	39.70 0.51 0.00	40.69 0.52 0.00	42.90 0.59 0.00	45.46 0.67 0.00	48.75 0.77 0.00	53.76 0.80 0.00	66.04 0.98 0.00	66.92 0.86 0.00	71.22 0.91 0.00	76.81 0.91 0.00	84.89 1.17 0.00	72.97 0.80 0.00	69.94 0.83 0.00	56.14 0.67 0.00	46.05 0.50 0.00	39.51 0.39 0.00	37.48 0.30 0.00
E_FISHKILL___LBMP 23776	40.25 2.06 0.00	38.95 1.57 0.00	38.65 1.59 0.00	37.02 1.55 -0.15	36.68 1.44 -0.07	39.07 1.47 0.00	39.44 1.66 0.00	41.62 2.43 0.00	42.66 2.49 0.00	45.01 2.71 0.00	47.61 2.82 0.00	50.91 2.93 0.00	56.46 3.50 0.00	69.97 4.03 -0.87	78.39 4.23 -8.10	96.18 5.27 -20.61	99.05 5.69 -17.46	108.36 6.28 -18.37	83.26 4.98 -6.11	73.46 4.35 0.00	58.69 3.22 0.00	48.56 3.01 0.00	41.70 2.58 0.00	38.97 1.78 0.00
FALCON___SEABRD_CC1 323796	37.39 -0.80 0.00	36.97 -0.41 0.00	36.62 -0.44 0.00	34.96 -0.35 0.00	34.88 -0.28 0.00	37.38 -0.22 0.00	37.62 -0.15 0.00	38.53 -0.67 0.00	39.28 -0.88 0.00	41.29 -1.02 0.00	43.31 -1.48 0.00	46.30 -1.68 0.00	51.11 -1.86 0.00	63.17 -1.89 0.00	64.34 -1.72 0.00	67.70 -2.60 0.00	73.39 -2.50 0.00	79.87 -3.85 0.00	69.72 -2.45 0.00	66.83 -2.28 0.00	53.76 -1.72 0.00	43.68 -1.87 0.00	38.57 -0.55 0.00	37.15 -0.04 0.00
FALCON___SEABRD_CC2 323797	37.39 -0.80 0.00	36.97 -0.41 0.00	36.62 -0.44 0.00	34.96 -0.35 0.00	34.88 -0.28 0.00	37.38 -0.22 0.00	37.62 -0.15 0.00	38.53 -0.67 0.00	39.28 -0.88 0.00	41.29 -1.02 0.00	43.31 -1.48 0.00	46.30 -1.68 0.00	51.11 -1.86 0.00	63.17 -1.89 0.00	64.34 -1.72 0.00	67.70 -2.60 0.00	73.39 -2.50 0.00	79.87 -3.85 0.00	69.72 -2.45 0.00	66.83 -2.28 0.00	53.76 -1.72 0.00	43.68 -1.87 0.00	38.57 -0.55 0.00	37.15 -0.04 0.00
FAR ROCKAWAY___4 23548	46.37 4.01 -4.17	45.21 3.33 -4.50	43.21 3.30 -2.85	38.71 3.25 -0.15	38.36 3.13 -0.07	40.82 3.16 -0.06	42.03 3.36 -0.89	44.06 4.31 -0.56	44.39 4.22 0.00	47.04 4.74 0.00	49.40 4.61 0.00	52.74 4.75 0.00	58.69 5.72 0.00	72.61 6.70 -0.85	81.22 7.27 -7.89	99.45 9.07 -20.07	102.31 9.41 -17.01	111.73 10.13 -17.89	85.91 7.79 -5.95	75.81 6.70 0.00	60.41 4.94 0.00	50.56 5.01 0.00	43.23 4.11 0.00	40.53 3.35 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.86 2.67 0.00	39.40 2.02 0.00	39.17 2.11 0.00	37.55 2.08 -0.15	37.17 1.93 -0.07	39.52 1.92 0.00	39.89 2.12 0.00	42.33 3.14 0.00	43.34 3.17 0.00	45.77 3.47 0.00	48.51 3.72 0.00	51.87 3.89 0.00	57.52 4.56 0.00	71.12 5.20 -0.85	79.50 5.55 -7.88	97.47 7.10 -20.06	100.56 7.67 -17.00	110.05 8.46 -17.88	84.61 6.50 -5.94	74.78 5.67 0.00	59.53 4.05 0.00	49.38 3.83 0.00	42.52 3.40 0.00	39.64 2.45 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.90 2.71 0.00	39.44 2.06 0.00	39.17 2.11 0.00	37.55 2.08 -0.15	37.17 1.93 -0.07	39.52 1.92 0.00	39.89 2.12 0.00	42.33 3.14 0.00	43.34 3.17 0.00	45.77 3.47 0.00	48.51 3.72 0.00	51.87 3.89 0.00	57.52 4.56 0.00	71.18 5.27 -0.85	79.50 5.55 -7.88	97.47 7.10 -20.06	100.56 7.67 -17.00	110.05 8.46 -17.88	84.68 6.57 -5.94	74.78 5.67 0.00	59.53 4.05 0.00	49.38 3.83 0.00	42.52 3.40 0.00	39.64 2.45 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.86 2.67 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.48 1.88 0.00	39.85 2.08 0.00	42.29 3.10 0.00	43.30 3.13 0.00	45.73 3.43 0.00	48.46 3.67 0.00	51.82 3.84 0.00	57.47 4.50 0.00	71.05 5.14 -0.85	79.43 5.48 -7.88	97.40 7.03 -20.06	100.48 7.59 -17.00	109.97 8.37 -17.88	84.54 6.42 -5.94	74.64 5.53 0.00	59.47 3.99 0.00	49.33 3.78 0.00	42.48 3.36 0.00	39.60 2.42 0.00
FARRAGUT___LBMP 323566	40.83 2.64 0.00	39.37 1.98 0.00	39.10 2.04 0.00	37.48 2.01 -0.15	37.10 1.86 -0.07	39.44 1.84 0.00	39.81 2.04 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.69 3.38 0.00	48.42 3.63 0.00	51.78 3.79 0.00	57.42 4.45 0.00	70.99 5.07 -0.85	79.36 5.42 -7.88	97.33 6.96 -20.06	100.33 7.44 -17.00	109.80 8.20 -17.88	84.47 6.35 -5.94	74.57 5.46 0.00	59.42 3.94 0.00	49.29 3.74 0.00	42.45 3.33 0.00	39.56 2.38 0.00
FENNER___WINDPWR 24204	39.26 1.07 0.00	38.24 0.86 0.00	37.84 0.78 0.00	36.06 0.74 0.00	35.94 0.77 0.00	38.43 0.83 0.00	38.75 0.98 0.00	40.33 1.14 0.00	41.41 1.25 0.00	43.70 1.39 0.00	46.40 1.61 0.00	49.71 1.72 0.00	54.77 1.80 0.00	67.28 2.14 -0.08	68.90 2.11 -0.72	74.63 2.11 -2.21	79.90 2.20 -1.80	87.95 2.60 -1.64	74.88 2.16 -0.54	71.39 2.28 0.00	57.25 1.77 0.00	46.87 1.32 0.00	39.94 0.82 0.00	37.93 0.74 0.00
FIBERTEK___ENERGY 23856	38.53 0.34 0.00	37.53 0.15 0.00	37.13 0.07 0.00	35.39 0.07 0.00	35.27 0.11 0.00	37.71 0.11 0.00	38.08 0.30 0.00	39.58 0.39 0.00	40.73 0.56 0.00	42.98 0.68 0.00	45.60 0.81 0.00	48.90 0.91 0.00	53.55 0.58 0.00	65.78 0.72 0.00	66.72 0.66 0.00	72.10 0.49 -1.30	77.12 0.38 -0.85	84.32 0.59 -0.02	72.61 0.43 0.00	69.66 0.55 0.00	56.09 0.61 0.00	46.23 0.68 0.00	39.36 0.23 0.00	37.29 0.11 0.00
FITZPATRICK____ 23598	37.62 -0.57 0.00	36.67 -0.71 0.00	36.32 -0.74 0.00	34.61 -0.71 0.00	34.49 -0.67 0.00	36.88 -0.72 0.00	37.13 -0.64 0.00	38.61 -0.59 0.00	39.64 -0.52 0.00	41.75 -0.55 0.00	44.30 -0.49 0.00	47.46 -0.53 0.00	52.33 -0.63 0.00	64.21 -0.85 0.00	65.14 -0.92 0.00	70.05 -1.05 -0.80	75.12 -1.29 -0.52	82.38 -1.34 -0.01	71.01 -1.16 0.00	68.14 -0.97 0.00	54.75 -0.72 0.00	44.96 -0.59 0.00	38.46 -0.67 0.00	36.47 -0.71 0.00
FLOWRFLD_69_KV_BK1 356044	51.30 4.16 -8.95	45.59 3.63 -4.58	43.71 3.71 -2.94	39.02 3.53 -0.17	38.63 3.38 -0.09	41.21 3.53 -0.08	45.70 3.89 -4.04	53.43 4.82 -9.42	49.31 4.98 -4.17	66.07 5.16 -18.60	88.03 4.21 -39.03	138.76 4.17 -86.60	146.48 4.98 -88.53	444.18 5.92 -373.20	388.43 6.67 -315.69	414.12 8.51 -335.31	392.23 8.88 -307.46	453.78 9.63 -360.43	338.17 7.29 -258.71	328.18 6.08 -252.99	184.69 4.38 -124.83	165.21 4.69 -114.97	51.35 3.95 -8.28	47.36 3.64 -6.53
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.79 2.60 0.00	39.48 2.09 0.00	39.10 2.04 0.00	37.41 1.98 -0.11	37.04 1.83 -0.05	39.52 1.92 0.00	39.93 2.15 0.00	42.05 2.86 0.00	43.06 2.89 0.00	45.44 3.13 0.00	48.15 3.36 0.00	51.58 3.60 0.00	57.21 4.24 0.00	70.74 4.81 -0.86	79.07 5.02 -7.98	96.71 6.19 -20.22	99.72 6.68 -17.15	109.19 7.37 -18.11	84.11 5.92 -6.02	74.50 5.39 0.00	59.64 4.16 0.00	49.33 3.78 0.00	42.33 3.21 0.00	39.56 2.38 0.00
FORT ORANGE____ 23900	39.26 1.07 0.00	38.13 0.75 0.00	37.84 0.78 0.00	35.84 0.67 0.15	35.76 0.67 0.07	38.31 0.71 0.00	38.64 0.87 0.00	40.53 1.33 0.00	41.45 1.29 0.00	43.66 1.35 0.00	46.00 1.21 0.00	49.19 1.20 0.00	54.34 1.37 0.00	68.58 1.69 -1.83	84.73 1.71 -16.96	103.06 1.97 -30.79	106.10 2.12 -28.09	122.67 2.43 -36.52	86.97 2.02 -12.78	70.98 1.87 0.00	57.03 1.55 0.00	47.05 1.50 0.00	40.53 1.41 0.00	38.11 0.93 0.00
FORT_DRUM_COGEN 23780	38.76 0.57 0.00	37.79 0.41 0.00	37.36 0.30 0.00	35.56 0.25 0.00	35.48 0.32 0.00	38.01 0.41 0.00	38.38 0.60 0.00	39.90 0.71 0.00	40.85 0.68 0.00	42.98 0.68 0.00	45.64 0.85 0.00	48.90 0.91 0.00	53.71 0.74 0.00	66.04 0.98 0.00	66.92 0.86 0.00	71.76 0.77 -0.68	77.17 0.83 -0.44	85.15 1.42 -0.01	73.62 1.44 0.00	71.04 1.94 0.00	56.81 1.33 0.00	46.14 0.59 0.00	39.47 0.35 0.00	37.59 0.41 0.00
FPL_FAR_ROCK_GT1 24212	46.37 4.01 -4.17	45.21 3.33 -4.50	43.22 3.30 -2.86	38.69 3.21 -0.16	38.34 3.10 -0.08	40.83 3.16 -0.07	42.03 3.36 -0.89	44.06 4.31 -0.56	44.39 4.22 -0.01	47.05 4.74 -0.01	49.27 4.48 0.00	52.74 4.75 0.00	58.53 5.56 0.00	72.61 6.70 -0.85	81.22 7.27 -7.89	99.45 9.07 -20.07	102.31 9.41 -17.01	111.73 10.13 -17.89	85.92 7.80 -5.95	75.74 6.64 0.00	60.41 4.94 0.00	50.61 5.06 0.00	43.23 4.11 0.00	41.01 3.83 0.00
FPL_FAR_ROCK_GT2 23815	46.37 4.01 -4.17	45.21 3.33 -4.50	43.22 3.30 -2.86	38.69 3.21 -0.16	38.34 3.10 -0.08	40.83 3.16 -0.07	42.03 3.36 -0.89	44.06 4.31 -0.56	44.39 4.22 -0.01	47.05 4.74 -0.01	49.27 4.48 0.00	52.74 4.75 0.00	58.53 5.56 0.00	72.61 6.70 -0.85	81.22 7.27 -7.89	99.45 9.07 -20.07	102.31 9.41 -17.01	111.73 10.13 -17.89	85.92 7.80 -5.95	75.74 6.64 0.00	60.41 4.94 0.00	50.61 5.06 0.00	43.23 4.11 0.00	41.01 3.83 0.00
FRANKLIN_FALL_HYD 24054	37.20 -0.99 0.00	36.79 -0.60 0.00	36.43 -0.63 0.00	34.79 -0.53 0.00	34.64 -0.53 0.00	37.15 -0.45 0.00	37.32 -0.45 0.00	38.21 -0.98 0.00	39.40 -0.76 0.00	41.12 -1.18 0.00	43.31 -1.48 0.00	46.31 -1.68 0.00	51.17 -1.80 0.00	63.24 -1.82 0.00	64.35 -1.72 0.00	67.70 -2.60 0.00	73.39 -2.50 0.00	79.70 -4.02 0.00	69.79 -2.38 0.00	66.97 -2.14 0.00	53.87 -1.61 0.00	43.73 -1.82 0.00	38.34 -0.78 0.00	37.41 0.22 0.00
FREEPORT_EQUS_GT1 23764	45.91 3.55 -4.17	44.80 2.92 -4.50	42.84 2.93 -2.86	38.34 2.86 -0.16	37.99 2.74 -0.08	40.48 2.82 -0.06	41.71 3.02 -0.92	43.76 3.96 -0.61	44.27 4.10 -0.01	46.75 4.44 -0.01	48.64 3.85 0.00	51.73 3.75 0.00	57.36 4.39 0.00	71.31 5.40 -0.85	79.96 6.01 -7.89	98.11 7.73 -20.07	100.94 8.04 -17.00	110.31 8.71 -17.89	84.68 6.57 -5.95	74.50 5.39 0.00	59.36 3.88 0.00	50.10 4.55 0.00	42.84 3.72 0.00	40.75 3.57 0.00
FREEPORT___CT2 23818	45.91 3.55 -4.17	44.80 2.92 -4.50	42.84 2.93 -2.86	38.34 2.86 -0.16	37.99 2.74 -0.08	40.48 2.82 -0.06	41.71 3.02 -0.92	43.76 3.96 -0.61	44.27 4.10 -0.01	46.75 4.44 -0.01	48.64 3.85 0.00	51.73 3.75 0.00	57.36 4.39 0.00	71.31 5.40 -0.85	79.96 6.01 -7.89	98.11 7.73 -20.07	100.94 8.04 -17.00	110.31 8.71 -17.89	84.68 6.57 -5.95	74.50 5.39 0.00	59.36 3.88 0.00	50.10 4.55 0.00	42.84 3.72 0.00	40.75 3.57 0.00

FRESHKLS_33_KV_LOAD 356253	40.83 2.64 0.00	39.71 2.32 -0.01	39.48 2.41 -0.01	37.77 2.30 -0.16	37.38 2.14 -0.08	39.74 2.14 0.00	39.85 2.08 0.00	40.94 3.02 1.27	42.63 3.05 0.60	42.95 3.38 2.74	42.34 3.45 5.89	42.17 3.50 9.32	43.40 4.24 13.80	88.81 4.81 -18.94	89.11 5.15 -17.90	111.12 6.89 -33.92	112.69 7.51 -29.29	117.53 8.29 -25.52	101.73 6.28 -23.28	85.48 5.39 -10.98	60.97 3.88 -1.61	49.23 3.69 0.01	42.78 3.60 -0.06	39.86 2.68 0.00
FULTON COGEN____ 23766	38.08 -0.11 0.00	37.08 -0.30 0.00	36.69 -0.37 0.00	34.96 -0.35 0.00	34.85 -0.32 0.00	37.26 -0.34 0.00	37.58 -0.19 0.00	39.11 -0.08 0.00	40.17 0.00 0.00	42.43 0.13 0.00	44.97 0.18 0.00	48.22 0.24 0.00	53.07 0.11 0.00	65.19 0.13 0.00	66.20 0.13 0.00	71.35 0.00 -1.04	76.50 -0.08 -0.68	83.73 0.00 -0.01	72.17 0.00 0.00	69.18 0.07 0.00	55.59 0.11 0.00	45.64 0.09 0.00	38.89 -0.23 0.00	36.85 -0.33 0.00
FULTON____LFGE 323630	42.93 4.73 0.00	41.76 4.37 0.00	41.36 4.30 0.00	39.19 3.99 0.12	39.15 4.04 0.06	41.96 4.36 0.00	42.80 5.02 0.00	44.84 5.64 0.00	46.03 5.86 0.00	48.35 6.05 0.00	51.11 6.32 0.00	54.90 6.91 0.00	60.60 7.63 0.00	78.21 10.21 -2.93	103.75 10.51 -27.19	122.57 10.76 -41.51	128.28 11.76 -40.62	158.23 13.22 -61.29	104.36 11.69 -20.50	79.96 10.85 0.00	65.18 9.71 0.00	52.93 7.38 0.00	44.99 5.87 0.00	42.17 4.98 0.00
G.F.CEMENT____DRP 24184	41.59 3.40 0.00	40.34 2.95 0.00	39.95 2.89 0.00	37.79 2.65 0.18	37.79 2.71 0.08	40.46 2.86 0.00	40.91 3.14 0.00	42.88 3.68 0.00	43.98 3.82 0.00	46.45 4.15 0.00	49.27 4.48 0.00	52.93 4.94 0.00	58.05 5.08 0.00	74.45 6.64 -2.75	98.18 6.61 -25.51	116.35 6.19 -39.85	121.20 6.60 -38.71	148.53 7.28 -57.53	97.69 6.28 -19.24	74.98 5.87 0.00	60.86 5.38 0.00	50.01 4.46 0.00	42.64 3.52 0.00	39.93 2.75 0.00
GARDENVILLE____LBMP 24039	39.22 1.03 0.00	37.91 0.52 0.00	37.28 0.22 0.00	35.49 0.18 0.00	35.55 0.39 0.00	37.98 0.38 0.00	38.38 0.60 0.00	39.04 -0.16 0.00	40.25 0.08 0.00	42.35 0.04 0.00	45.24 0.45 0.00	48.61 0.62 0.00	53.13 0.16 0.00	64.92 -0.26 -0.12	67.00 -0.13 -1.07	71.51 -1.90 -3.10	75.71 -2.73 -2.55	84.21 -1.93 -2.42	71.97 -1.01 -0.80	68.97 -0.14 0.00	55.92 0.44 0.00	45.82 0.27 0.00	38.85 -0.27 0.00	37.33 0.15 0.00
GARDNVLA_35_KV_LD 355827	39.37 1.18 0.00	38.06 0.67 0.00	37.43 0.37 0.00	35.64 0.32 0.00	35.69 0.53 0.00	38.13 0.53 0.00	38.57 0.79 0.00	39.19 0.00 0.00	40.41 0.24 0.00	42.52 0.21 0.00	45.46 0.67 0.00	48.85 0.86 0.00	53.39 0.42 0.00	65.18 0.00 -0.12	67.33 0.20 -1.07	71.80 -1.62 -3.12	76.10 -2.35 -2.56	84.64 -1.51 -2.43	72.33 -0.65 -0.81	69.32 0.21 0.00	56.20 0.72 0.00	46.05 0.50 0.00	39.04 -0.08 0.00	37.48 0.30 0.00
GELCKHM__115KV_LOAD 80723	38.27 0.08 0.00	37.27 -0.11 0.00	36.91 -0.15 0.00	35.14 -0.18 0.00	35.06 -0.11 0.00	37.49 -0.11 0.00	37.81 0.04 0.00	39.31 0.12 0.00	40.41 0.24 0.00	42.64 0.34 0.00	45.19 0.40 0.00	48.46 0.48 0.00	53.23 0.26 0.00	65.39 0.33 0.00	66.39 0.33 0.00	71.63 0.14 -1.18	76.74 0.08 -0.77	83.90 0.17 -0.02	72.32 0.14 0.00	69.39 0.28 0.00	55.75 0.28 0.00	45.87 0.32 0.00	39.08 -0.04 0.00	37.03 -0.15 0.00
GENERAL____MILLS 23808	39.30 1.11 0.00	38.02 0.64 0.00	37.39 0.33 0.00	35.60 0.28 0.00	35.65 0.49 0.00	38.05 0.45 0.00	38.49 0.72 0.00	39.11 -0.08 0.00	40.37 0.20 0.00	42.43 0.13 0.00	45.37 0.58 0.00	48.75 0.77 0.00	53.29 0.32 0.00	65.11 -0.07 -0.12	67.20 0.07 -1.07	71.66 -1.76 -3.11	75.87 -2.58 -2.56	84.47 -1.67 -2.43	72.18 -0.79 -0.81	69.18 0.07 0.00	56.09 0.61 0.00	45.96 0.41 0.00	38.96 -0.16 0.00	37.44 0.26 0.00
GE_PLASTICS____DRP 24183	39.37 1.18 0.00	38.28 0.90 0.00	38.02 0.96 0.00	36.08 0.88 0.12	35.95 0.84 0.06	38.46 0.86 0.00	38.76 0.98 0.00	40.64 1.45 0.00	41.57 1.41 0.00	43.79 1.48 0.00	45.95 1.16 0.00	49.09 1.10 0.00	54.34 1.38 0.00	68.28 1.56 -1.66	82.98 1.52 -15.40	87.21 1.69 -15.22	87.21 1.82 -9.50	87.21 2.01 -1.49	85.51 1.73 -11.61	70.77 1.66 0.00	56.86 1.39 0.00	46.92 1.37 0.00	40.65 1.53 0.00	38.11 0.93 0.00
GILBOA____1 23756	39.41 1.22 0.00	38.58 1.20 0.00	38.50 1.44 0.00	36.69 1.38 0.00	36.50 1.34 0.00	38.99 1.39 0.00	39.06 1.29 0.00	40.91 1.72 0.00	41.65 1.49 0.00	43.91 1.61 0.00	46.45 1.66 0.00	49.71 1.72 0.00	54.93 1.96 0.00	68.05 2.21 -0.77	75.27 2.05 -7.16	91.69 2.18 -19.20	94.32 2.36 -16.07	102.64 2.68 -16.25	79.81 2.24 -5.40	71.46 2.35 0.00	57.42 1.94 0.00	47.33 1.77 0.00	40.61 1.49 0.00	38.26 1.08 0.00
GILBOA____2 23757	39.41 1.22 0.00	38.58 1.20 0.00	38.50 1.44 0.00	36.69 1.38 0.00	36.50 1.34 0.00	38.99 1.39 0.00	39.06 1.29 0.00	40.91 1.72 0.00	41.65 1.49 0.00	43.91 1.61 0.00	46.45 1.66 0.00	49.71 1.72 0.00	54.93 1.96 0.00	68.05 2.21 -0.77	75.27 2.05 -7.16	91.69 2.18 -19.20	94.32 2.36 -16.07	102.64 2.68 -16.25	79.81 2.24 -5.40	71.46 2.35 0.00	57.42 1.94 0.00	47.33 1.77 0.00	40.61 1.49 0.00	38.26 1.08 0.00
GILBOA____3 23758	39.41 1.22 0.00	38.58 1.20 0.00	38.50 1.44 0.00	36.69 1.38 0.00	36.50 1.34 0.00	38.99 1.39 0.00	39.06 1.29 0.00	40.91 1.72 0.00	41.65 1.49 0.00	43.91 1.61 0.00	46.45 1.66 0.00	49.71 1.72 0.00	54.93 1.96 0.00	68.05 2.21 -0.77	75.27 2.05 -7.16	91.69 2.18 -19.20	94.32 2.36 -16.07	102.64 2.68 -16.25	79.81 2.24 -5.40	71.46 2.35 0.00	57.42 1.94 0.00	47.33 1.77 0.00	40.61 1.49 0.00	38.26 1.08 0.00
GILBOA____4 23759	39.41 1.22 0.00	38.58 1.20 0.00	38.50 1.44 0.00	36.69 1.38 0.00	36.50 1.34 0.00	38.99 1.39 0.00	39.06 1.29 0.00	40.91 1.72 0.00	41.65 1.49 0.00	43.91 1.61 0.00	46.45 1.66 0.00	49.71 1.72 0.00	54.93 1.96 0.00	68.05 2.21 -0.77	75.27 2.05 -7.16	91.69 2.18 -19.20	94.32 2.36 -16.07	102.64 2.68 -16.25	79.81 2.24 -5.40	71.46 2.35 0.00	57.42 1.94 0.00	47.33 1.77 0.00	40.61 1.49 0.00	38.26 1.08 0.00
GILBOA____ 23599	39.41 1.22 0.00	38.58 1.20 0.00	38.51 1.45 0.00	36.70 1.38 0.00	36.50 1.34 0.00	39.03 1.43 0.00	39.06 1.28 0.00	40.92 1.72 0.00	41.65 1.49 0.00	43.91 1.61 0.00	46.45 1.66 0.00	49.71 1.73 0.00	55.03 2.07 0.00	68.05 2.21 -0.77	75.27 2.05 -7.16	91.68 2.18 -19.20	94.32 2.35 -16.07	102.64 2.68 -16.25	79.81 2.24 -5.40	71.53 2.42 0.00	57.42 1.94 0.00	47.33 1.78 0.00	40.61 1.49 0.00	38.19 1.00 0.00
GINNA____ 23603	37.05 -1.14 0.00	35.93 -1.46 0.00	35.39 -1.67 0.00	33.80 -1.52 0.00	33.69 -1.48 0.00	36.06 -1.54 0.00	36.34 -1.44 0.00	37.47 -1.72 0.00	38.64 -1.53 0.00	40.70 -1.61 0.00	43.40 -1.39 0.00	46.69 -1.29 0.00	51.54 -1.43 0.00	62.99 -2.15 -0.08	64.39 -2.38 -0.70	69.58 -2.89 -2.16	74.09 -3.57 -1.76	81.30 -4.02 -1.60	69.38 -3.32 -0.53	66.69 -2.42 0.00	53.76 -1.72 0.00	43.87 -1.68 0.00	37.36 -1.76 0.00	35.47 -1.71 0.00

GLEN PARK____ 23778	39.03 0.84 0.00	38.02 0.63 0.00	37.58 0.52 0.00	35.81 0.49 0.00	35.69 0.53 0.00	38.24 0.64 0.00	38.60 0.83 0.00	40.17 0.98 0.00	41.13 0.96 0.00	43.32 1.01 0.00	46.09 1.30 0.00	49.28 1.30 0.00	54.13 1.16 0.00	66.49 1.43 0.00	67.38 1.32 0.00	72.28 1.27 -0.70	77.79 1.44 -0.46	85.90 2.17 -0.01	74.27 2.09 0.00	71.73 2.63 0.00	57.30 1.83 0.00	46.51 0.96 0.00	39.71 0.59 0.00	37.81 0.63 0.00
GLENDALDE_27_KV_LOAD 356172	41.09 2.90 0.00	39.59 2.21 0.00	39.32 2.26 0.00	37.66 2.19 -0.15	37.27 2.04 -0.07	39.63 2.03 0.00	40.00 2.23 0.00	42.44 3.25 0.00	43.46 3.29 0.00	45.90 3.60 0.00	48.55 3.76 0.00	51.86 3.89 0.01	57.57 4.61 0.01	63.48 5.27 6.86	74.16 5.55 -2.55	91.63 7.17 -14.16	95.40 7.74 -11.77	106.80 8.46 -14.63	77.30 6.57 1.44	67.10 5.74 7.74	58.89 4.11 0.69	49.42 3.87 0.01	42.80 3.68 0.00	39.86 2.68 0.00
GLENWOOD_IC_1_G5 23712	45.57 3.21 -4.17	44.46 2.58 -4.50	42.51 2.59 -2.85	37.97 2.51 -0.15	37.62 2.39 -0.07	40.11 2.44 -0.06	41.37 2.68 -0.91	43.40 3.61 -0.61	43.90 3.74 0.00	46.11 3.81 0.00	48.55 3.76 0.00	51.82 3.84 0.00	57.58 4.61 0.00	71.31 5.40 -0.85	79.76 5.81 -7.89	97.76 7.38 -20.07	100.64 7.74 -17.01	110.06 8.46 -17.89	84.54 6.42 -5.95	74.57 5.46 0.00	59.42 3.94 0.00	49.51 3.96 0.00	42.41 3.29 0.00	39.71 2.53 0.00
GLENWOOD_IC_2_G1 23688	45.22 2.87 -4.17	44.16 2.28 -4.50	42.21 2.30 -2.85	37.70 2.23 -0.16	37.35 2.11 -0.08	39.80 2.14 -0.06	41.05 2.38 -0.89	43.04 3.29 -0.56	43.55 3.37 -0.01	45.95 3.64 -0.01	48.37 3.58 0.00	51.73 3.75 0.00	57.26 4.29 0.00	71.12 5.21 -0.85	79.56 5.61 -7.89	97.41 7.03 -20.07	100.41 7.52 -17.01	109.81 8.21 -17.89	84.39 6.28 -5.95	74.43 5.32 0.00	59.42 3.94 0.00	49.47 3.92 0.00	42.41 3.29 0.00	39.97 2.79 0.00
GLENWOOD_IC_3_G1 23689	45.22 2.87 -4.17	44.16 2.28 -4.50	42.21 2.30 -2.85	37.70 2.23 -0.16	37.35 2.11 -0.08	39.80 2.14 -0.06	41.05 2.38 -0.89	43.04 3.29 -0.56	43.55 3.37 -0.01	45.95 3.64 -0.01	48.37 3.58 0.00	51.73 3.75 0.00	57.26 4.29 0.00	71.12 5.21 -0.85	79.56 5.61 -7.89	97.41 7.03 -20.07	100.41 7.52 -17.01	109.81 8.21 -17.89	84.39 6.28 -5.95	74.43 5.32 0.00	59.42 3.94 0.00	49.47 3.92 0.00	42.41 3.29 0.00	39.97 2.79 0.00
GLENWOOD____4 23550	45.57 3.21 -4.17	44.46 2.58 -4.50	42.51 2.59 -2.85	37.97 2.51 -0.15	37.62 2.39 -0.07	40.11 2.44 -0.06	41.37 2.68 -0.91	43.40 3.61 -0.61	43.90 3.74 0.00	46.20 3.89 0.00	48.64 3.85 0.00	51.97 3.98 0.00	57.73 4.77 0.00	71.44 5.53 -0.85	79.96 6.01 -7.89	97.90 7.52 -20.07	100.87 7.97 -17.01	110.23 8.62 -17.89	84.76 6.64 -5.95	74.71 5.60 0.00	59.58 4.11 0.00	49.65 4.10 0.00	42.52 3.40 0.00	39.82 2.64 0.00
GLENWOOD____5 23614	45.57 3.21 -4.17	44.46 2.58 -4.50	42.51 2.59 -2.85	37.97 2.51 -0.15	37.62 2.39 -0.07	40.11 2.44 -0.06	41.37 2.68 -0.91	43.40 3.61 -0.61	43.90 3.74 0.00	46.20 3.89 0.00	48.64 3.85 0.00	51.97 3.98 0.00	57.73 4.77 0.00	71.44 5.53 -0.85	79.96 6.01 -7.89	97.90 7.52 -20.07	100.87 7.97 -17.01	110.23 8.62 -17.89	84.76 6.64 -5.95	74.71 5.60 0.00	59.58 4.11 0.00	49.65 4.10 0.00	42.52 3.40 0.00	39.82 2.64 0.00
GLOBAL GREEN_PORT_GT1 23814	52.64 6.30 -8.15	47.47 5.53 -4.56	45.49 5.52 -2.91	40.71 5.23 -0.17	40.42 5.17 -0.09	43.12 5.45 -0.07	46.67 5.78 -3.12	53.04 6.90 -6.95	52.25 7.11 -4.97	63.24 7.74 -13.19	79.89 7.44 -27.67	189.20 7.97 -133.25	197.18 9.22 -135.00	521.11 11.32 -444.73	357.79 12.03 -279.71	326.26 12.38 -243.58	311.81 12.97 -222.94	358.45 13.98 -260.76	322.10 11.19 -238.74	311.81 9.75 -232.95	332.62 8.76 -268.38	188.80 8.15 -135.09	55.70 6.69 -9.89	49.22 6.58 -5.46
GLOBE____DSASP 323697	37.81 -0.38 0.00	36.60 -0.79 0.00	35.99 -1.07 0.00	34.26 -1.06 0.00	34.35 -0.81 0.00	36.66 -0.94 0.00	36.98 -0.79 0.00	37.39 -1.80 0.00	38.48 -1.69 0.00	40.44 -1.86 0.00	43.27 -1.52 0.00	46.50 -1.49 0.00	50.74 -2.22 0.00	61.98 -3.19 -0.10	63.93 -3.10 -0.97	68.59 -4.57 -2.86	72.54 -5.69 -2.34	79.98 -5.94 -2.20	68.50 -4.40 -0.73	65.93 -3.18 0.00	53.48 -2.00 0.00	43.91 -1.64 0.00	37.24 -1.88 0.00	35.92 -1.26 0.00
GOETHSLN____LBMP 323567	40.52 2.33 0.00	39.07 1.68 0.00	38.84 1.78 0.00	37.27 1.80 -0.15	36.88 1.65 -0.07	39.18 1.58 0.00	39.55 1.78 0.00	41.94 2.74 0.00	42.94 2.77 0.00	42.66 3.09 2.73	42.22 3.31 5.89	42.13 3.45 9.31	43.25 4.08 13.79	46.42 4.62 23.26	57.01 4.95 14.01	74.08 6.47 2.70	81.78 6.98 1.10	89.90 7.70 1.51	60.59 5.85 17.42	53.14 5.04 21.02	49.57 3.55 9.45	42.13 3.42 6.84	42.09 3.05 0.08	39.30 2.12 0.00
GOLAH____69_KV_TB 1_2 80279	39.15 0.95 0.00	37.94 0.56 0.00	37.28 0.22 0.00	35.49 0.18 0.00	35.48 0.32 0.00	37.98 0.38 0.00	38.26 0.49 0.00	39.19 0.00 0.00	40.33 0.16 0.00	42.52 0.21 0.00	45.33 0.54 0.00	48.80 0.82 0.00	53.39 0.42 0.00	65.53 0.39 -0.08	67.08 0.26 -0.75	72.03 -0.56 -2.28	76.62 -1.14 -1.86	84.33 -1.09 -1.70	72.09 -0.65 -0.56	69.52 0.41 0.00	56.20 0.72 0.00	46.01 0.46 0.00	39.00 -0.12 0.00	37.33 0.15 0.00
GOODYEAR_LAKE_HYD 323669	40.44 2.25 0.00	39.37 1.98 0.00	39.06 2.00 0.00	37.22 1.91 0.00	37.06 1.90 0.00	39.63 2.03 0.00	39.62 1.85 0.00	41.50 2.31 0.00	42.42 2.25 0.00	44.80 2.50 0.00	47.57 2.78 0.00	50.96 2.98 0.00	56.25 3.28 0.00	69.22 3.77 -0.38	73.36 3.77 -3.53	83.88 4.08 -9.50	88.09 4.25 -7.95	96.75 5.02 -8.01	79.02 4.19 -2.66	73.32 4.22 0.00	58.69 3.22 0.00	48.10 2.55 0.00	41.15 2.03 0.00	38.78 1.60 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.22 1.03 0.00	38.09 0.71 0.00	37.73 0.67 0.00	35.92 0.60 0.00	35.83 0.67 0.00	38.31 0.71 0.00	38.60 0.83 0.00	40.13 0.94 0.00	41.21 1.04 0.00	43.49 1.18 0.00	46.18 1.39 0.00	49.47 1.49 0.00	54.50 1.54 0.00	67.06 1.76 -0.24	70.06 1.78 -2.21	77.71 1.34 -6.07	82.24 1.29 -5.06	90.74 2.01 -5.02	75.71 1.88 -1.67	70.98 1.87 0.00	57.14 1.66 0.00	46.87 1.32 0.00	39.94 0.82 0.00	37.81 0.63 0.00
GOUDEY____7 23579	39.26 1.07 0.00	38.13 0.75 0.00	37.76 0.70 0.00	35.95 0.64 0.00	35.87 0.70 0.00	38.35 0.75 0.00	38.64 0.87 0.00	40.17 0.98 0.00	41.25 1.08 0.00	43.53 1.23 0.00	46.22 1.43 0.00	49.52 1.54 0.00	54.56 1.59 0.00	67.12 1.82 -0.24	70.12 1.85 -2.21	77.85 1.48 -6.07	82.39 1.44 -5.06	90.83 2.09 -5.02	75.79 1.95 -1.67	71.04 1.94 0.00	57.20 1.72 0.00	46.92 1.37 0.00	39.98 0.86 0.00	37.85 0.67 0.00
GOUDEY____8 23580	39.22 1.03 0.00	38.09 0.71 0.00	37.73 0.67 0.00	35.92 0.60 0.00	35.83 0.67 0.00	38.31 0.71 0.00	38.60 0.83 0.00	40.13 0.94 0.00	41.21 1.04 0.00	43.49 1.18 0.00	46.18 1.39 0.00	49.47 1.49 0.00	54.50 1.54 0.00	67.06 1.76 -0.24	70.06 1.78 -2.21	77.71 1.34 -6.07	82.24 1.29 -5.06	90.74 2.01 -5.02	75.71 1.88 -1.67	70.98 1.87 0.00	57.14 1.66 0.00	46.87 1.32 0.00	39.94 0.82 0.00	37.81 0.63 0.00

GOWANUS_GT1_1 24077	41.02 2.83 0.00	39.63 2.24 -0.01	39.40 2.33 -0.01	37.70 2.23 -0.16	37.31 2.07 -0.08	39.71 2.11 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.38 3.21 0.00	45.86 3.55 0.00	48.46 3.67 0.00	51.72 3.74 0.01	57.41 4.45 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.26 7.03 -33.92	112.77 7.59 -29.29	117.61 8.37 -25.52	101.87 6.42 -23.28	85.62 5.53 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.85 3.68 -0.06	39.90 2.71 0.00
GOWANUS_GT1_2 24078	41.02 2.83 0.00	39.63 2.24 -0.01	39.40 2.33 -0.01	37.70 2.23 -0.16	37.31 2.07 -0.08	39.71 2.11 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.38 3.21 0.00	45.86 3.55 0.00	48.46 3.67 0.00	51.72 3.74 0.01	57.41 4.45 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.26 7.03 -33.92	112.77 7.59 -29.29	117.61 8.37 -25.52	101.87 6.42 -23.28	85.62 5.53 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.85 3.68 -0.06	39.90 2.71 0.00
GOWANUS_GT1_3 24079	41.02 2.83 0.00	39.63 2.24 -0.01	39.40 2.33 -0.01	37.70 2.23 -0.16	37.31 2.07 -0.08	39.71 2.11 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.38 3.21 0.00	45.86 3.55 0.00	48.46 3.67 0.00	51.72 3.74 0.01	57.41 4.45 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.26 7.03 -33.92	112.77 7.59 -29.29	117.61 8.37 -25.52	101.87 6.42 -23.28	85.62 5.53 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.85 3.68 -0.06	39.90 2.71 0.00
GOWANUS_GT1_4 24080	41.02 2.83 0.00	39.63 2.24 -0.01	39.40 2.33 -0.01	37.70 2.23 -0.16	37.31 2.07 -0.08	39.71 2.11 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.38 3.21 0.00	45.86 3.55 0.00	48.46 3.67 0.00	51.72 3.74 0.01	57.41 4.45 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.26 7.03 -33.92	112.77 7.59 -29.29	117.61 8.37 -25.52	101.87 6.42 -23.28	85.62 5.53 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.85 3.68 -0.06	39.90 2.71 0.00
GOWANUS_GT1_5 24084	41.02 2.83 0.00	39.63 2.24 -0.01	39.40 2.33 -0.01	37.70 2.23 -0.16	37.31 2.07 -0.08	39.71 2.11 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.38 3.21 0.00	45.86 3.55 0.00	48.46 3.67 0.00	51.72 3.74 0.01	57.41 4.45 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.26 7.03 -33.92	112.77 7.59 -29.29	117.61 8.37 -25.52	101.87 6.42 -23.28	85.62 5.53 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.85 3.68 -0.06	39.90 2.71 0.00
GOWANUS_GT1_6 24111	41.02 2.83 0.00	39.63 2.24 -0.01	39.40 2.33 -0.01	37.70 2.23 -0.16	37.31 2.07 -0.08	39.71 2.11 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.38 3.21 0.00	45.86 3.55 0.00	48.46 3.67 0.00	51.72 3.74 0.01	57.41 4.45 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.26 7.03 -33.92	112.77 7.59 -29.29	117.61 8.37 -25.52	101.87 6.42 -23.28	85.62 5.53 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.85 3.68 -0.06	39.90 2.71 0.00
GOWANUS_GT1_7 24112	41.02 2.83 0.00	39.63 2.24 -0.01	39.40 2.33 -0.01	37.70 2.23 -0.16	37.31 2.07 -0.08	39.71 2.11 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.38 3.21 0.00	45.86 3.55 0.00	48.46 3.67 0.00	51.72 3.74 0.01	57.41 4.45 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.26 7.03 -33.92	112.77 7.59 -29.29	117.61 8.37 -25.52	101.87 6.42 -23.28	85.62 5.53 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.85 3.68 -0.06	39.90 2.71 0.00
GOWANUS_GT1_8 24113	41.02 2.83 0.00	39.63 2.24 -0.01	3																					

GOWANUS_GT2_8 24121	41.02	39.67	39.40	37.66	37.28	39.67	39.93	42.37	43.42	45.86	48.33	51.72	57.20	89.14	89.38	111.32	112.93	117.78	101.87	85.55	61.13	49.37	42.90	40.05
	2.83	2.28	2.34	2.19	2.04	2.07	2.15	3.17	3.25	3.55	3.54	3.75	4.24	5.14	5.42	7.10	7.74	8.54	6.42	5.46	4.05	3.83	3.72	2.86
	0.00	-0.01	-0.01	-0.16	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	-18.94	-17.90	-33.92	-29.29	-25.52	-23.28	-10.98	-1.61	0.01	-0.06	0.00
GOWANUS_GT3_1 24122	41.02	39.67	39.40	37.66	37.28	39.67	39.93	42.37	43.42	45.86	48.33	51.72	57.20	89.14	89.38	111.32	112.93	117.78	101.87	85.55	61.13	49.37	42.90	40.05
	2.83	2.28	2.34	2.19	2.04	2.07	2.15	3.17	3.25	3.55	3.54	3.75	4.24	5.14	5.42	7.10	7.74	8.54	6.42	5.46	4.05	3.83	3.72	2.86
	0.00	-0.01	-0.01	-0.16	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	-18.94	-17.90	-33.92	-29.29	-25.52	-23.28	-10.98	-1.61	0.01	-0.06	0.00
GOWANUS_GT3_2 24123	41.02	39.67	39.40	37.66	37.28	39.67	39.93	42.37	43.42	45.86	48.33	51.72	57.20	89.14	89.38	111.32	112.93	117.78	101.87	85.55	61.13	49.37	42.90	40.05
	2.83	2.28	2.34	2.19	2.04	2.07	2.15	3.17	3.25	3.55	3.54	3.75	4.24	5.14	5.42	7.10	7.74	8.54	6.42	5.46	4.05	3.83	3.72	2.86
	0.00	-0.01	-0.01	-0.16	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	-18.94	-17.90	-33.92	-29.29	-25.52	-23.28	-10.98	-1.61	0.01	-0.06	0.00
GOWANUS_GT3_3 24124	41.02	39.67	39.40	37.66	37.28	39.67	39.93	42.37	43.42	45.86	48.33	51.72	57.20	89.14	89.38	111.32	112.93	117.78	101.87	85.55	61.13	49.37	42.90	40.05
	2.83	2.28	2.34	2.19	2.04	2.07	2.15	3.17	3.25	3.55	3.54	3.75	4.24	5.14	5.42	7.10	7.74	8.54	6.42	5.46	4.05	3.83	3.72	2.86
	0.00	-0.01	-0.01	-0.16	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	-18.94	-17.90	-33.92	-29.29	-25.52	-23.28	-10.98	-1.61	0.01	-0.06	0.00
GOWANUS_GT3_4 24125	41.02	39.67	39.40	37.66	37.28	39.67	39.93	42.37	43.42	45.86	48.33	51.72	57.20	89.14	89.38	111.32	112.93	117.78	101.87	85.55	61.13	49.37	42.90	40.05
	2.83	2.28	2.34	2.19	2.04	2.07	2.15	3.17	3.25	3.55	3.54	3.75	4.24	5.14	5.42	7.10	7.74	8.54	6.42	5.46	4.05	3.83	3.72	2.86
	0.00	-0.01	-0.01	-0.16	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	-18.94	-17.90	-33.92	-29.29	-25.52	-23.28	-10.98	-1.61	0.01	-0.06	0.00
GOWANUS_GT3_5 24126	41.02	39.67	39.40	37.66	37.28	39.67	39.93	42.37	43.42	45.86	48.33	51.72	57.20	89.14	89.38	111.32	112.93	117.78	101.87	85.55	61.13	49.37	42.90	40.05
	2.83	2.28	2.34	2.19	2.04	2.07	2.15	3.17	3.25	3.55	3.54	3.75	4.24	5.14	5.42	7.10	7.74	8.54	6.42	5.46	4.05	3.83	3.72	2.86
	0.00	-																						

GOWANUS_GT4_7 24136	41.02 2.83 0.00	39.63 2.24 -0.01	39.40 2.33 -0.01	37.70 2.23 -0.16	37.31 2.07 -0.08	39.71 2.11 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.38 3.21 0.00	45.86 3.55 0.00	48.46 3.67 0.00	51.72 3.74 0.01	57.41 4.45 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.26 7.03 -33.92	112.77 7.59 -29.29	117.61 8.37 -25.52	101.87 6.42 -23.28	85.62 5.53 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.85 3.68 -0.06	39.90 2.71 0.00
GOWANUS_GT4_8 24137	41.02 2.83 0.00	39.63 2.24 -0.01	39.40 2.33 -0.01	37.70 2.23 -0.16	37.31 2.07 -0.08	39.71 2.11 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.38 3.21 0.00	45.86 3.55 0.00	48.46 3.67 0.00	51.72 3.74 0.01	57.41 4.45 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.26 7.03 -33.92	112.77 7.59 -29.29	117.61 8.37 -25.52	101.87 6.42 -23.28	85.62 5.53 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.85 3.68 -0.06	39.90 2.71 0.00
GREENBSH_115KV_TB3 55895	39.15 0.95 0.00	38.06 0.67 0.00	37.73 0.67 0.00	35.76 0.60 0.16	35.65 0.56 0.08	38.20 0.60 0.00	38.53 0.76 0.00	40.45 1.25 0.00	41.37 1.21 0.00	43.62 1.31 0.00	46.00 1.21 0.00	49.18 1.20 0.00	54.50 1.54 0.00	68.69 1.76 -1.87	85.19 1.78 -17.35	104.37 2.04 -32.03	107.54 2.13 -29.52	125.32 2.43 -39.18	87.27 2.02 -13.08	70.98 1.87 0.00	56.97 1.50 0.00	46.96 1.41 0.00	40.49 1.37 0.00	37.96 0.78 0.00
GREENDGE_115KV_TB5 80291	39.03 0.84 0.00	38.02 0.64 0.00	37.62 0.56 0.00	35.88 0.57 0.00	35.87 0.70 0.00	38.05 0.45 0.00	38.53 0.76 0.00	39.90 0.71 0.00	41.17 1.00 0.00	43.45 1.14 0.00	46.18 1.39 0.00	49.52 1.54 0.00	54.34 1.38 0.00	66.96 1.76 -0.14	69.13 1.78 -1.29	75.17 1.20 -3.67	79.99 1.06 -3.03	88.48 1.84 -2.92	74.87 1.73 -0.97	71.04 1.94 0.00	57.20 1.72 0.00	46.78 1.23 0.00	39.55 0.43 0.00	37.78 0.59 0.00
GREENIDGE___3 23582	39.03 0.84 0.00	38.02 0.64 0.00	37.62 0.56 0.00	35.88 0.57 0.00	35.87 0.70 0.00	38.05 0.45 0.00	38.53 0.76 0.00	39.90 0.71 0.00	41.17 1.00 0.00	43.45 1.14 0.00	46.18 1.39 0.00	49.52 1.54 0.00	54.34 1.38 0.00	66.96 1.76 -0.14	69.13 1.78 -1.29	75.17 1.20 -3.67	79.99 1.06 -3.03	88.48 1.84 -2.92	74.87 1.73 -0.97	71.04 1.94 0.00	57.20 1.72 0.00	46.78 1.23 0.00	39.55 0.43 0.00	37.78 0.59 0.00
GREENIDGE___4 23583	39.03 0.84 0.00	38.02 0.63 0.00	37.65 0.59 0.00	35.95 0.64 0.00	35.90 0.74 0.00	38.28 0.68 0.00	38.53 0.76 0.00	39.90 0.71 0.00	41.21 1.04 0.00	43.45 1.14 0.00	46.31 1.52 0.00	49.52 1.54 0.00	54.61 1.64 0.00	66.96 1.76 -0.14	69.13 1.78 -1.29	75.17 1.19 -3.67	79.99 1.06 -3.03	88.48 1.84 -2.92	74.95 1.81 -0.97	71.18 2.07 0.00	57.20 1.72 0.00	46.78 1.23 0.00	39.67 0.55 0.00	37.74 0.56 0.00
GREENLWN_69_KV_BK 3 55738	44.81 3.21 -3.41	44.64 2.77 -4.49	42.83 2.93 -2.84	37.93 2.47 -0.14	37.58 2.36 -0.06	40.06 2.41 -0.06	41.43 3.10 -0.56	42.78 4.00 0.41	43.03 4.14 1.27	43.74 4.36 2.93	41.83 3.18 6.14	27.36 3.12 23.75	32.65 3.92 24.23	7.87 4.55 61.75	29.51 5.15 41.71	47.72 6.89 29.48	54.38 7.13 28.65	55.38 7.62 35.95	42.73 5.56 35.00	32.62 4.49 40.98	34.94 3.16 23.69	30.14 3.87 19.29	39.71 3.13 2.54	38.75 2.60 1.03
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.02 2.83 0.00	39.63 2.24 -0.01	39.40 2.33 -0.01	37.70 2.23 -0.16	37.31 2.07 -0.08	39.71 2.11 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.38 3.21 0.00	45.86 3.55 0.00	48.46 3.67 0.00	51.72 3.74 0.01	57.41 4.45 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.26 7.03 -33.92	112.77 7.59 -29.29	117.61 8.37 -25.52	101.87 6.42 -23.28	85.62 5.53 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.85 3.68 -0.06	39.90 2.71 0.00
GRISSOM___SOLAR 323813	42.93 4.73 0.00	41.76 4.37 0.00	41.36 4.30 0.00	39.19 3.99 0.12	39.15 4.04 0.06	41.96 4.36 0.00	42.80 5.02 0.00	44.84 5.64 0.00	46.03 5.86 0.00	48.35 6.05 0.00	51.11 6.32 0.00	54.90 6.91 0.00	60.60 7.63 0.00	78.21 10.21 -2.93	103.75 10.51 -27.19	122.57 10.76 -41.51	128.28 11.76 -40.62	158.23 13.22 -61.29	104.36 11.69 -20.50	79.96 10.85 0.00	65.18 9.71 0.00	52.93 7.38 0.00	44.99 5.87 0.00	42.17 4.98 0.00
GROVEVILLE___HYD 323602	40.79 2.60 0.00	39.48 2.09 0.00	39.10 2.04 0.00	37.41 1.98 -0.11	37.04 1.83 -0.05	39.52 1.92 0.00	39.93 2.15 0.00	42.05 2.86 0.00	43.06 2.89 0.00	45.44 3.13 0.00	48.15 3.36 0.00	51.58 3.60 0.00	57.21 4.24 0.00	70.74 4.81 -0.86	79.07 5.02 -7.98	96.71 6.19 -20.22	99.72 6.68 -17.15	109.19 7.37 -18.11	84.11 5.92 -6.02	74.50 5.39 0.00	59.64 4.16 0.00	49.33 3.78 0.00	42.33 3.21 0.00	39.56 2.38 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.53 0.34 0.00	37.53 0.15 0.00	37.13 0.07 0.00	35.39 0.07 0.00	35.27 0.11 0.00	37.71 0.11 0.00	38.08 0.30 0.00	39.58 0.39 0.00	40.73 0.56 0.00	42.98 0.68 0.00	45.60 0.81 0.00	48.90 0.91 0.00	53.55 0.58 0.00	65.78 0.72 0.00	66.72 0.66 0.00	72.10 0.49 -1.30	77.12 0.38 -0.85	84.32 0.59 -0.02	72.61 0.43 0.00	69.66 0.55 0.00	56.09 0.61 0.00	46.23 0.68 0.00	39.36 0.23 0.00	37.29 0.11 0.00
HAMLTNNY_34_KV_TB 80303	38.73 0.53 0.00	37.68 0.30 0.00	37.28 0.22 0.00	35.49 0.18 0.00	35.41 0.25 0.00	37.86 0.26 0.00	38.23 0.45 0.00	39.74 0.55 0.00	40.89 0.72 0.00	43.19 0.89 0.00	45.78 0.99 0.00	49.09 1.10 0.00	53.97 1.01 0.00	66.36 1.30 0.00	67.32 1.26 0.00	72.85 1.12 -1.42	77.95 1.14 -0.92	85.16 1.42 -0.02	73.33 1.15 0.00	70.35 1.24 0.00	56.59 1.11 0.00	46.46 0.91 0.00	39.51 0.39 0.00	37.44 0.26 0.00
HAMPSHIRE___PAPER_HYD 323593	37.24 -0.95 0.00	36.60 -0.79 0.00	36.21 -0.85 0.00	34.51 -0.81 0.00	34.36 -0.81 0.00	36.81 -0.79 0.00	36.98 -0.80 0.00	38.14 -1.06 0.00	39.04 -1.12 0.00	40.87 -1.44 0.00	43.27 -1.52 0.00	46.35 -1.63 0.00	50.96 -2.01 0.00	62.78 -2.28 0.00	63.75 -2.31 0.00	67.93 -2.74 -0.37	73.33 -2.81 -0.24	80.54 -3.18 0.00	69.86 -2.31 0.00	67.17 -1.93 0.00	53.81 -1.66 0.00	43.82 -1.73 0.00	38.07 -1.05 0.00	36.55 -0.63 0.00
HARDSCRABBLE_WT_PWR 323673	38.53 0.34 0.00	37.65 0.26 0.00	37.36 0.30 0.00	35.57 0.25 0.00	35.41 0.25 0.00	37.90 0.30 0.00	38.11 0.34 0.00	39.70 0.51 0.00	40.69 0.52 0.00	42.90 0.59 0.00	45.50 0.71 0.00	48.75 0.77 0.00	53.81 0.84 0.00	66.04 0.98 0.00	66.99 0.92 0.00	71.22 0.91 0.00	76.88 0.98 0.00	84.89 1.17 0.00	72.97 0.80 0.00	69.94 0.83 0.00	56.14 0.67 0.00	46.05 0.50 0.00	39.51 0.39 0.00	37.48 0.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.52 2.33 0.00	39.18 1.79 0.00	38.84 1.78 0.00	37.14 1.70 -0.12	36.80 1.58 -0.06	39.25 1.65 0.00	39.62 1.85 0.00	41.82 2.63 0.00	42.78 2.61 0.00	45.18 2.88 0.00	47.88 3.09 0.00	51.20 3.21 0.00	56.89 3.92 0.00	70.27 4.42 -0.78	77.93 4.62 -7.24	94.55 5.76 -18.48	97.77 6.22 -15.65	107.09 6.95 -16.43	83.12 5.49 -5.46	73.95 4.84 0.00	59.03 3.55 0.00	48.88 3.33 0.00	41.94 2.82 0.00	39.19 2.01 0.00

HARSNRAD_115KV_TB1 81005	38.46 0.27 0.00	37.16 -0.22 0.00	36.54 -0.52 0.00	34.79 -0.53 0.00	34.85 -0.32 0.00	37.22 -0.38 0.00	37.58 -0.19 0.00	38.09 -1.10 0.00	39.24 -0.92 0.00	41.29 -1.02 0.00	44.07 -0.72 0.00	47.41 -0.58 0.00	51.75 -1.22 0.00	63.15 -2.02 -0.10	65.03 -1.98 -0.95	69.73 -3.37 -2.80	73.79 -4.40 -2.30	81.61 -4.27 -2.16	69.78 -3.10 -0.72	67.17 -1.94 0.00	54.59 -0.89 0.00	44.68 -0.87 0.00	37.91 -1.21 0.00	36.51 -0.67 0.00
HARZA MOOSE__RIVER 24016	38.88 0.69 0.00	37.94 0.56 0.00	37.54 0.48 0.00	35.74 0.42 0.00	35.62 0.46 0.00	38.13 0.53 0.00	38.42 0.64 0.00	39.94 0.74 0.00	40.93 0.76 0.00	43.11 0.80 0.00	45.73 0.94 0.00	48.99 1.01 0.00	53.87 0.90 0.00	66.23 1.17 0.00	67.19 1.12 0.00	71.91 1.12 -0.49	77.50 1.29 -0.32	85.40 1.67 -0.01	73.62 1.44 0.00	70.77 1.66 0.00	56.64 1.17 0.00	46.23 0.68 0.00	39.59 0.47 0.00	37.67 0.48 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.27 0.08 0.00	37.27 -0.11 0.00	36.87 -0.19 0.00	35.14 -0.18 0.00	35.02 -0.14 0.00	37.45 -0.15 0.00	37.77 0.00 0.00	39.27 0.08 0.00	40.37 0.20 0.00	42.60 0.30 0.00	45.19 0.40 0.00	48.46 0.48 0.00	53.34 0.37 0.00	65.52 0.46 0.00	66.53 0.46 0.00	71.79 0.28 -1.20	76.90 0.23 -0.78	84.15 0.42 -0.02	72.46 0.29 0.00	69.45 0.35 0.00	55.86 0.39 0.00	45.87 0.32 0.00	39.08 -0.04 0.00	37.03 -0.15 0.00
HELLGATE_13_KV_LD 55870	40.86 2.67 0.00	39.37 1.98 0.00	39.14 2.08 0.00	37.44 1.98 -0.15	37.02 1.79 -0.07	39.40 1.80 0.00	39.74 1.96 0.00	42.17 2.98 0.00	43.14 2.97 0.00	45.52 3.22 0.00	48.15 3.36 0.00	51.43 3.45 0.01	57.09 4.13 0.01	64.78 4.75 5.03	75.00 5.02 -3.92	92.40 6.54 -15.55	95.96 7.06 -13.01	106.90 7.79 -15.39	78.47 5.99 -0.30	68.62 5.11 5.60	58.61 3.66 0.53	49.01 3.46 0.01	42.48 3.36 0.00	39.64 2.45 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.86 2.67 0.00	39.37 1.98 0.00	39.14 2.08 0.00	37.44 1.98 -0.15	37.02 1.79 -0.07	39.40 1.80 0.00	39.74 1.96 0.00	42.17 2.98 0.00	43.14 2.97 0.00	45.52 3.22 0.00	48.15 3.36 0.00	51.43 3.45 0.01	57.09 4.13 0.01	64.78 4.75 5.03	75.00 5.02 -3.92	92.40 6.54 -15.55	95.96 7.06 -13.01	106.90 7.79 -15.39	78.47 5.99 -0.30	68.62 5.11 5.60	58.61 3.66 0.53	49.01 3.46 0.01	42.48 3.36 0.00	39.64 2.45 0.00
HEMPSTEAD____ 23647	45.53 3.17 -4.17	44.43 2.54 -4.50	42.47 2.56 -2.86	37.95 2.47 -0.16	37.63 2.39 -0.08	40.11 2.44 -0.06	41.37 2.68 -0.91	43.40 3.60 -0.61	43.91 3.74 -0.01	46.29 3.98 -0.01	48.37 3.58 0.00	51.63 3.65 0.00	57.21 4.24 0.00	71.12 5.21 -0.85	79.69 5.74 -7.89	97.76 7.38 -20.07	100.64 7.74 -17.01	109.89 8.29 -17.89	84.39 6.28 -5.95	74.22 5.11 0.00	59.25 3.77 0.00	49.60 4.05 0.00	42.44 3.32 0.00	40.31 3.12 0.00
HEWLETT__69_KV_BK3 55828	46.06 3.70 -4.17	44.95 3.07 -4.50	42.99 3.08 -2.85	38.47 3.00 -0.15	38.11 2.88 -0.07	40.59 2.93 -0.06	41.77 3.10 -0.89	43.75 4.00 -0.56	44.18 4.02 0.00	46.79 4.48 0.00	49.05 4.26 0.00	52.35 4.37 0.00	58.26 5.30 0.00	72.09 6.18 -0.85	80.69 6.74 -7.89	98.81 8.44 -20.07	101.70 8.80 -17.01	111.06 9.46 -17.89	85.41 7.29 -5.95	75.26 6.15 0.00	60.03 4.55 0.00	50.24 4.69 0.00	42.95 3.83 0.00	40.31 3.12 0.00
HICKLING__1 23621	39.68 1.49 0.00	38.47 1.08 0.00	37.95 0.89 0.00	36.13 0.81 0.00	36.15 0.98 0.00	38.62 1.02 0.00	39.02 1.25 0.00	40.37 1.18 0.00	41.61 1.45 0.00	43.91 1.61 0.00	46.72 1.93 0.00	50.10 2.11 0.00	55.09 2.12 0.00	67.65 2.41 -0.18	70.26 2.51 -1.69	76.50 1.48 -4.71	81.17 1.37 -3.91	90.06 2.51 -3.83	75.90 2.45 -1.27	71.67 2.56 0.00	57.81 2.33 0.00	47.33 1.78 0.00	40.10 0.98 0.00	38.11 0.93 0.00
HICKLING__2 23622	39.68 1.49 0.00	38.47 1.08 0.00	37.95 0.89 0.00	36.13 0.81 0.00	36.15 0.98 0.00	38.62 1.02 0.00	39.02 1.25 0.00	40.37 1.18 0.00	41.61 1.45 0.00	43.91 1.61 0.00	46.72 1.93 0.00	50.10 2.11 0.00	55.09 2.12 0.00	67.65 2.41 -0.18	70.26 2.51 -1.69	76.50 1.48 -4.71	81.17 1.37 -3.91	90.06 2.51 -3.83	75.90 2.45 -1.27	71.67 2.56 0.00	57.81 2.33 0.00	47.33 1.78 0.00	40.10 0.98 0.00	38.11 0.93 0.00
HIGH FALLS__HY 23754	40.52 2.33 0.00	39.22 1.83 0.00	38.88 1.82 0.00	37.18 1.80 -0.06	36.84 1.65 -0.03	39.29 1.69 0.00	39.66 1.89 0.00	41.74 2.55 0.00	42.66 2.49 0.00	45.06 2.75 0.00	47.48 2.69 0.00	50.91 2.93 0.00	56.52 3.55 0.00	69.76 3.77 -0.93	78.70 4.03 -8.61	95.21 5.41 -19.49	98.23 5.92 -16.42	107.49 6.61 -17.16	83.93 5.27 -6.49	73.95 4.84 0.00	58.92 3.44 0.00	48.69 3.14 0.00	41.98 2.86 0.00	39.23 2.05 0.00
HILLBURN__GT 23639	40.37 2.18 0.00	38.99 1.61 0.00	38.69 1.63 0.00	36.96 1.52 -0.13	36.67 1.44 -0.06	39.06 1.46 0.00	39.51 1.74 0.00	41.78 2.59 0.00	42.78 2.61 0.00	45.18 2.88 0.00	47.75 2.96 0.00	51.15 3.17 0.00	56.62 3.65 0.00	70.15 4.29 -0.80	78.00 4.55 -7.38	94.89 5.77 -18.82	98.06 6.22 -15.94	107.32 6.87 -16.74	83.08 5.34 -5.56	73.60 4.49 0.00	58.86 3.38 0.00	48.69 3.14 0.00	41.86 2.74 0.00	39.23 2.04 0.00
HILLSIDE_115KV_TB1 80332	39.07 0.88 0.00	37.83 0.45 0.00	37.39 0.33 0.00	35.60 0.28 0.00	35.58 0.42 0.00	38.01 0.41 0.00	38.38 0.60 0.00	39.74 0.55 0.00	40.89 0.72 0.00	43.19 0.89 0.00	45.91 1.12 0.00	49.23 1.25 0.00	54.19 1.22 0.00	66.49 1.24 -0.19	69.14 1.32 -1.75	75.47 0.28 -4.88	80.02 0.08 -4.05	88.78 1.09 -3.98	74.65 1.15 -1.32	70.35 1.24 0.00	56.75 1.28 0.00	46.55 1.00 0.00	39.55 0.43 0.00	37.52 0.33 0.00
HISHELDN_WT_PWR 323625	39.15 0.96 0.00	37.87 0.48 0.00	37.25 0.19 0.00	35.63 0.32 0.00	35.59 0.42 0.00	37.98 0.38 0.00	38.34 0.57 0.00	39.11 -0.08 0.00	40.45 0.28 0.00	42.48 0.17 0.00	45.42 0.63 0.00	48.71 0.72 0.00	53.81 0.84 0.00	65.06 -0.13 -0.12	67.22 0.00 -1.16	72.10 -1.55 -3.34	76.44 -2.20 -2.75	84.76 -1.59 -2.63	72.32 -0.72 -0.87	69.18 0.07 0.00	56.03 0.55 0.00	45.96 0.41 0.00	38.73 -0.39 0.00	37.29 0.11 0.00
HOLTSVILLE_IC_1 23690	50.09 3.82 -8.09	45.19 3.25 -4.55	43.31 3.34 -2.91	38.70 3.21 -0.17	38.38 3.13 -0.09	40.94 3.27 -0.07	44.28 3.44 -3.07	50.36 4.35 -6.82	49.55 4.50 -4.89	59.84 4.61 -12.93	75.70 3.81 -27.10	135.24 3.84 -83.41	142.54 4.45 -85.12	348.07 5.53 -277.48	299.31 6.21 -227.04	317.14 7.80 -239.03	302.84 8.20 -218.75	348.32 8.79 -255.81	265.68 6.64 -186.87	255.65 5.46 -181.08	164.22 4.05 -104.70	135.14 4.37 -85.21	52.52 3.68 -9.72	46.49 3.94 -5.36
HOLTSVILLE_IC_10 23699	50.73 4.20 -8.34	45.57 3.63 -4.56	43.65 3.67 -2.92	39.02 3.53 -0.17	38.70 3.45 -0.09	41.28 3.61 -0.07	44.87 3.85 -3.25	51.27 4.78 -7.30	50.31 4.94 -5.21	61.30 5.07 -13.92	78.24 4.26 -29.19	120.12 4.37 -67.77	127.61 5.03 -69.61	296.00 6.25 -224.70	294.83 6.93 -221.83	334.87 8.72 -255.85	319.25 9.10 -234.25	367.60 9.79 -274.10	258.40 7.51 -178.72	248.34 6.29 -172.95	98.85 4.66 -38.71	120.14 4.88 -69.71	53.58 4.11 -10.35	47.21 4.31 -5.71

HOLTSVILLE_IC_2 23691	50.09 3.82 -8.09	45.19 3.25 -4.55	43.31 3.34 -2.91	38.70 3.21 -0.17	38.38 3.13 -0.09	40.94 3.27 -0.07	44.28 3.44 -3.07	50.36 4.35 -6.82	49.55 4.50 -4.89	59.84 4.61 -12.93	75.70 3.81 -27.10	135.24 3.84 -83.41	142.54 4.45 -85.12	348.07 5.53 -277.48	299.31 6.21 -227.04	317.14 7.80 -239.03	302.84 8.20 -218.75	348.32 8.79 -255.81	265.68 6.64 -186.87	255.65 5.46 -181.08	164.22 4.05 -104.70	135.14 4.37 -85.21	52.52 3.68 -9.72	46.49 3.94 -5.36
HOLTSVILLE_IC_3 23692	50.09 3.82 -8.09	45.19 3.25 -4.55	43.31 3.34 -2.91	38.70 3.21 -0.17	38.38 3.13 -0.09	40.94 3.27 -0.07	44.28 3.44 -3.07	50.36 4.35 -6.82	49.55 4.50 -4.89	59.84 4.61 -12.93	75.70 3.81 -27.10	135.24 3.84 -83.41	142.54 4.45 -85.12	348.07 5.53 -277.48	299.31 6.21 -227.04	317.14 7.80 -239.03	302.84 8.20 -218.75	348.32 8.79 -255.81	265.68 6.64 -186.87	255.65 5.46 -181.08	164.22 4.05 -104.70	135.14 4.37 -85.21	52.52 3.68 -9.72	46.49 3.94 -5.36
HOLTSVILLE_IC_4 23693	50.09 3.82 -8.09	45.19 3.25 -4.55	43.31 3.34 -2.91	38.70 3.21 -0.17	38.38 3.13 -0.09	40.94 3.27 -0.07	44.28 3.44 -3.07	50.36 4.35 -6.82	49.55 4.50 -4.89	59.84 4.61 -12.93	75.70 3.81 -27.10	135.24 3.84 -83.41	142.54 4.45 -85.12	348.07 5.53 -277.48	299.31 6.21 -227.04	317.14 7.80 -239.03	302.84 8.20 -218.75	348.32 8.79 -255.81	265.68 6.64 -186.87	255.65 5.46 -181.08	164.22 4.05 -104.70	135.14 4.37 -85.21	52.52 3.68 -9.72	46.49 3.94 -5.36
HOLTSVILLE_IC_5 23694	50.09 3.82 -8.09	45.19 3.25 -4.55	43.31 3.34 -2.91	38.70 3.21 -0.17	38.38 3.13 -0.09	40.94 3.27 -0.07	44.28 3.44 -3.07	50.36 4.35 -6.82	49.55 4.50 -4.89	59.84 4.61 -12.93	75.70 3.81 -27.10	135.24 3.84 -83.41	142.54 4.45 -85.12	348.07 5.53 -277.48	299.31 6.21 -227.04	317.14 7.80 -239.03	302.84 8.20 -218.75	348.32 8.79 -255.81	265.68 6.64 -186.87	255.65 5.46 -181.08	164.22 4.05 -104.70	135.14 4.37 -85.21	52.52 3.68 -9.72	46.49 3.94 -5.36
HOLTSVILLE_IC_6 23695	50.73 4.20 -8.34	45.57 3.63 -4.56	43.65 3.67 -2.92	39.02 3.53 -0.17	38.70 3.45 -0.09	41.28 3.61 -0.07	44.87 3.85 -3.25	51.27 4.78 -7.30	50.31 4.94 -5.21	61.30 5.07 -13.92	78.24 4.26 -29.19	120.12 4.37 -67.77	127.61 5.03 -69.61	296.00 6.25 -224.70	294.83 6.93 -221.83	334.87 8.72 -255.85	319.25 9.10 -234.25	367.60 9.79 -274.10	258.40 7.51 -178.72	248.34 6.29 -172.95	98.85 4.66 -38.71	120.14 4.88 -69.71	53.58 4.11 -10.35	47.21 4.31 -5.71
HOLTSVILLE_IC_7 23696	50.73 4.20 -8.34	45.57 3.63 -4.56	43.65 3.67 -2.92	39.02 3.53 -0.17	38.70 3.45 -0.09	41.28 3.61 -0.07	44.87 3.85 -3.25	51.27 4.78 -7.30	50.31 4.94 -5.21	61.30 5.07 -13.92	78.24 4.26 -29.19	120.12 4.37 -67.77	127.61 5.03 -69.61	296.00 6.25 -224.70	294.83 6.93 -221.83	334.87 8.72 -255.85	319.25 9.10 -234.25	367.60 9.79 -274.10	258.40 7.51 -178.72	248.34 6.29 -172.95	98.85 4.66 -38.71	120.14 4.88 -69.71	53.58 4.11 -10.35	47.21 4.31 -5.71
HOLTSVILLE_IC_8 23697	50.73 4.20 -8.34	45.57 3.63 -4.56	43.65 3.67 -2.92	39.02 3.53 -0.17	38.70 3.45 -0.09	41.28 3.61 -0.07	44.87 3.85 -3.25	51.27 4.78 -7.30	50.31 4.94 -5.21	61.30 5.07 -13.92	78.24 4.26 -29.19	120.12 4.37 -67.77	127.61 5.03 -69.61	296.00 6.25 -224.70	294.83 6.93 -221.83	334.87 8.72 -255.85	319.25 9.10 -234.25	367.60 9.79 -274.10	258.40 7.51 -178.72	248.34 6.29 -172.95	98.85 4.66 -38.71	120.14 4.88 -69.71	53.58 4.11 -10.35	47.21 4.31 -5.71
HOLTSVILLE_IC_9 23698	50.73 4.20 -8.34	45.57 3.63 -4.56	43.65 3.67 -2.92	39.02 3.53 -0.17	38.70 3.45 -0.09	41.28 3.61 -0.07	44.87 3.85 -3.25	51.27 4.78 -7.30	50.31 4.94 -5.21	61.30 5.07 -13.92	78.24 4.26 -29.19	120.12 4.37 -67.77	127.61 5.03 -69.61	296.00 6.25 -224.70	294.83 6.93 -221.83	334.87 8.72 -255.85	319.25 9.10 -234.25	367.60 9.79 -274.10	258.40 7.51 -178.72	248.34 6.29 -172.95	98.85 4.66 -38.71	120.14 4.88 -69.71	53.58 4.11 -10.35	47.21 4.31 -5.71
HOMER_HL_115KV_TB2 355744	39.34 1.15 0.00	37.98 0.60 0.00	37.39 0.33 0.00	35.60 0.28 0.00	35.65 0.49 0.00	38.13 0.53 0.00	38.57 0.79 0.00	39.54 0.35 0.00	40.77 0.60 0.00	42.90 0.59 0.00	45.78 0.99 0.00	49.14 1.15 0.00	53.92 0.95 0.00	65.78 0.59 -0.13	68.08 0.79 -1.23	71.51 -2.32 -3.53	75.84 -2.96 -2.91	85.92 -0.59 -2.79	73.31 0.22 -0.93	69.66 0.55 0.00	56.53 1.05 0.00	46.28 0.73 0.00	39.28 0.16 0.00	37.52 0.33 0.00
HOWARD_WT_PWR 323690	39.95 1.76 0.00	38.66 1.27 0.00	38.10 1.04 0.00	36.41 1.10 0.00	36.36 1.20 0.00	38.88 1.28 0.00	39.32 1.55 0.00	40.53 1.33 0.00	41.98 1.81 0.00	44.17 1.86 0.00	47.12 2.33 0.00	50.43 2.45 0.00	55.56 2.59 0.00	67.68 2.47 -0.15	70.02 2.57 -1.38	75.63 1.41 -3.92	80.27 1.14 -3.24	89.28 2.43 -3.13	75.67 2.46 -1.04	72.08 2.97 0.00	58.14 2.66 0.00	47.65 2.10 0.00	40.02 0.90 0.00	38.37 1.19 0.00
HQ_GEN_CEDARS 23644	36.93 -1.26 0.00	36.56 -0.82 0.00	36.21 -0.85 0.00	34.54 -0.78 0.00	34.39 -0.77 0.00	36.81 -0.79 0.00	36.79 -0.98 0.00	37.59 -1.61 0.00	38.56 -1.61 0.00	39.98 -2.33 0.00	42.28 -2.51 0.00	45.25 -2.74 0.00	50.00 -2.97 0.00	61.74 -3.32 0.00	62.69 -3.37 0.00	66.37 -3.94 0.00	71.87 -4.02 0.00	78.61 -5.11 0.00	68.49 -3.68 0.00	65.65 -3.46 0.00	52.70 -2.77 0.00	43.00 -2.55 0.00	37.75 -1.37 0.00	36.48 -0.71 0.00
HQ_GEN_CEDARS_PROXY 323590	36.93 -1.26 0.00	36.56 -0.82 0.00	36.21 -0.85 0.00	34.51 -0.81 0.00	34.39 -0.77 0.00	36.81 -0.79 0.00	36.79 -0.98 0.00	37.58 -1.61 0.00	38.52 -1.65 0.00	39.98 -2.33 0.00	42.24 -2.55 0.00	45.25 -2.73 0.00	49.95 -3.02 0.00	61.74 -3.32 0.00	62.70 -3.37 0.00	66.37 -3.94 0.00	71.87 -4.02 0.00	78.70 -5.02 0.00	68.49 -3.68 0.00	65.66 -3.45 0.00	53.22 -2.77 -0.52	42.48 -2.55 0.52	37.71 -1.41 0.00	36.36 -0.82 0.00
HQ_GEN_IMPORT 323601	37.35 -0.84 0.00	36.86 -0.52 0.00	36.54 -0.52 0.00	34.82 -0.49 0.00	34.67 -0.49 0.00	37.11 -0.49 0.00	37.35 -0.64 -0.22	37.92 -1.06 0.22	39.09 -1.08 0.00	41.08 -1.23 0.00	43.45 -1.34 0.00	46.55 -1.44 0.00	51.38 -1.59 0.00	63.31 -1.75 0.00	64.28 -1.78 0.00	68.26 -2.04 0.00	73.85 -2.05 0.00	81.29 -2.43 0.00	70.23 -1.95 0.00	67.17 -1.93 0.00	54.44 -1.55 -0.52	43.62 -1.41 0.52	37.39 -0.98 0.75	37.34 -0.60 -0.75
HQ_GEN_WHEEL 23651	37.35 -0.84 0.00	36.86 -0.52 0.00	36.54 -0.52 0.00	34.82 -0.49 0.00	34.67 -0.49 0.00	37.11 -0.49 0.00	37.35 -0.64 -0.22	37.92 -1.06 0.22	39.09 -1.08 0.00	41.08 -1.23 0.00	43.45 -1.34 0.00	46.55 -1.44 0.00	51.38 -1.59 0.00	63.31 -1.75 0.00	64.28 -1.78 0.00	68.26 -2.04 0.00	73.85 -2.05 0.00	81.29 -2.43 0.00	70.23 -1.95 0.00	67.17 -1.93 0.00	54.44 -1.55 -0.52	43.62 -1.41 0.52	37.39 -0.98 0.75	37.34 -0.60 -0.75
HUDSON_AVE_GT_3 23810	40.90 2.71 0.00	39.44 2.06 0.00	39.17 2.11 0.00	37.55 2.08 -0.15	37.17 1.93 -0.07	39.52 1.92 0.00	39.89 2.12 0.00	42.33 3.14 0.00	43.34 3.17 0.00	45.82 3.51 0.00	48.51 3.72 0.00	51.87 3.89 0.00	57.58 4.61 0.00	71.18 5.27 -0.85	79.56 5.62 -7.88	97.54 7.17 -20.06	100.56 7.67 -17.00	110.05 8.46 -17.88	84.68 6.57 -5.94	74.78 5.67 0.00	59.58 4.11 0.00	49.38 3.83 0.00	42.56 3.44 0.00	39.64 2.45 0.00

HUDSON AVE_GT_4 23540	40.90 2.71 0.00	39.44 2.06 0.00	39.17 2.11 0.00	37.55 2.08 -0.15	37.17 1.93 -0.07	39.52 1.92 0.00	39.89 2.12 0.00	42.33 3.14 0.00	43.34 3.17 0.00	45.82 3.51 0.00	48.51 3.72 0.00	51.87 3.89 0.00	57.58 4.61 0.00	71.18 5.27 -0.85	79.56 5.62 -7.88	97.54 7.17 -20.06	100.56 7.67 -17.00	110.05 8.46 -17.88	84.68 6.57 -5.94	74.78 5.67 0.00	59.58 4.11 0.00	49.38 3.83 0.00	42.56 3.44 0.00	39.64 2.45 0.00
HUDSON AVE_GT_5 23657	40.90 2.71 0.00	39.44 2.06 0.00	39.17 2.11 0.00	37.55 2.08 -0.15	37.17 1.93 -0.07	39.52 1.92 0.00	39.89 2.12 0.00	42.33 3.14 0.00	43.34 3.17 0.00	45.82 3.51 0.00	48.51 3.72 0.00	51.87 3.89 0.00	57.58 4.61 0.00	71.18 5.27 -0.85	79.56 5.62 -7.88	97.54 7.17 -20.06	100.56 7.67 -17.00	110.05 8.46 -17.88	84.68 6.57 -5.94	74.78 5.67 0.00	59.58 4.11 0.00	49.38 3.83 0.00	42.56 3.44 0.00	39.64 2.45 0.00
HUDSON_AVE_10 24168	40.75 2.56 0.00	39.29 1.91 0.00	39.02 1.96 0.00	37.41 1.94 -0.15	37.02 1.79 -0.07	39.40 1.80 0.00	39.78 2.00 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.69 3.38 0.00	48.37 3.58 0.00	51.68 3.69 0.00	57.36 4.40 0.00	70.92 5.01 -0.85	79.30 5.35 -7.88	97.26 6.89 -20.06	100.33 7.44 -17.00	109.80 8.20 -17.88	84.47 6.35 -5.94	74.57 5.46 0.00	59.36 3.88 0.00	49.24 3.69 0.00	42.45 3.33 0.00	39.52 2.34 0.00
HUDSON___115KV_TB 4 355613	40.29 2.10 0.00	39.14 1.76 0.00	38.80 1.74 0.00	36.86 1.66 0.11	36.73 1.62 0.05	39.29 1.69 0.00	39.62 1.85 0.00	41.47 2.27 0.00	42.38 2.21 0.00	44.63 2.33 0.00	46.98 2.19 0.00	50.19 2.21 0.00	55.56 2.60 0.00	69.77 3.06 -1.66	84.44 3.04 -15.33	99.86 3.30 -26.25	102.39 3.64 -22.85	114.58 4.02 -26.85	87.34 3.61 -11.56	72.70 3.59 0.00	58.42 2.94 0.00	48.19 2.64 0.00	41.51 2.39 0.00	38.89 1.71 0.00
HUNTER MOUNT___DRP 323613	40.83 2.64 0.00	39.66 2.28 0.00	39.28 2.22 0.00	37.36 2.12 0.08	37.24 2.11 0.04	39.78 2.18 0.00	40.15 2.38 0.00	41.94 2.74 0.00	42.74 2.57 0.00	44.97 2.67 0.00	47.30 2.51 0.00	50.48 2.50 0.00	55.93 2.97 0.00	69.81 3.25 -1.50	83.18 3.24 -13.88	96.62 3.44 -22.87	98.93 3.95 -19.09	108.18 4.35 -20.11	86.61 3.97 -10.46	73.32 4.22 0.00	58.92 3.44 0.00	48.69 3.14 0.00	41.98 2.86 0.00	39.30 2.12 0.00
HUNTINGTON_RES_REC 323705	44.05 3.67 -2.19	45.01 3.18 -4.45	43.16 3.30 -2.81	38.39 2.93 -0.14	38.04 2.81 -0.06	40.58 2.93 -0.05	40.66 3.47 0.59	40.06 4.43 3.56	42.31 4.58 2.44	80.62 4.78 -33.54	118.71 3.58 -70.33	263.97 3.65 -212.34	274.03 4.29 -216.77	775.12 5.21 -704.85	644.41 5.95 -572.39	666.17 7.73 -588.13	624.43 8.12 -540.41	727.58 8.71 -635.16	549.94 6.50 -471.27	540.16 5.32 -465.73	317.27 3.82 -257.97	266.90 4.33 -217.02	59.48 3.56 -16.80	50.27 3.79 -9.30
HUNTLEY___63 23557	38.92 0.73 0.00	37.65 0.26 0.00	36.99 -0.07 0.00	35.21 -0.11 0.00	35.30 0.14 0.00	37.68 0.08 0.00	38.08 0.30 0.00	38.60 -0.59 0.00	39.81 -0.36 0.00	41.71 -0.59 0.00	44.61 -0.18 0.00	47.99 0.00 0.00	52.33 -0.64 0.00	63.93 -1.24 -0.11	65.93 -1.12 -0.99	70.55 -2.67 -2.91	74.72 -3.57 -2.39	82.71 -3.26 -2.26	70.75 -2.17 -0.75	68.00 -1.11 0.00	55.20 -0.28 0.00	45.23 -0.32 0.00	38.42 -0.70 0.00	36.96 -0.22 0.00
HUNTLEY___64 23558	38.92 0.73 0.00	37.65 0.26 0.00	36.99 -0.07 0.00	35.21 -0.11 0.00	35.30 0.14 0.00	37.68 0.08 0.00	38.08 0.30 0.00	38.60 -0.59 0.00	39.81 -0.36 0.00	41.71 -0.59 0.00	44.61 -0.18 0.00	47.99 0.00 0.00	52.33 -0.64 0.00	63.93 -1.24 -0.11	65.93 -1.12 -0.99	70.55 -2.67 -2.91	74.72 -3.57 -2.39	82.71 -3.26 -2.26	70.75 -2.17 -0.75	68.00 -1.11 0.00	55.20 -0.28 0.00	45.23 -0.32 0.00	38.42 -0.70 0.00	36.96 -0.22 0.00
HUNTLEY___65 23559	38.92 0.73 0.00	37.65 0.26 0.00	36.99 -0.07 0.00	35.21 -0.11 0.00	35.30 0.14 0.00	37.68 0.08 0.00	38.08 0.30 0.00	38.60 -0.59 0.00	39.81 -0.36 0.00	41.71 -0.59 0.00	44.61 -0.18 0.00	47.99 0.00 0.00	52.33 -0.64 0.00	63.93 -1.24 -0.11	65.93 -1.12 -0.99	70.55 -2.67 -2.91	74.72 -3.57 -2.39	82.71 -3.26 -2.26	70.75 -2.17 -0.75	68.00 -1.11 0.00	55.20 -0.28 0.00	45.23 -0.32 0.00	38.42 -0.70 0.00	36.96 -0.22 0.00
HUNTLEY___66 23560	38.92 0.73 0.00	37.65 0.26 0.00	36.99 -0.07 0.00	35.21 -0.11 0.00	35.30 0.14 0.00	37.68 0.08 0.00	38.08 0.30 0.00	38.60 -0.59 0.00	39.81 -0.36 0.00	41.71 -0.59 0.00	44.61 -0.18 0.00	47.99 0.00 0.00	52.33 -0.64 0.00	63.93 -1.24 -0.11	65.93 -1.12 -0.99	70.55 -2.67 -2.91	74.72 -3.57 -2.39	82.71 -3.26 -2.26	70.75 -2.17 -0.75	68.00 -1.11 0.00	55.20 -0.28 0.00	45.23 -0.32 0.00	38.42 -0.70 0.00	36.96 -0.22 0.00
HUNTLEY___67 23561	38.80 0.61 0.00	37.53 0.15 0.00	36.91 -0.15 0.00	35.14 -0.18 0.00	35.20 0.04 0.00	37.60 0.00 0.00	37.96 0.19 0.00	38.49 -0.71 0.00	39.65 -0.52 0.00	41.76 -0.55 0.00	44.61 -0.18 0.00	47.94 -0.05 0.00	52.39 -0.58 0.00	64.00 -1.17 -0.11	65.96 -1.12 -1.02	70.68 -2.60 -2.98	74.85 -3.49 -2.45	82.85 -3.18 -2.31	70.85 -2.09 -0.77	68.00 -1.11 0.00	55.20 -0.28 0.00	45.23 -0.32 0.00	38.34 -0.78 0.00	36.88 -0.30 0.00
HUNTLEY___68 23562	38.80 0.61 0.00	37.53 0.15 0.00	36.91 -0.15 0.00	35.14 -0.18 0.00	35.20 0.04 0.00	37.60 0.00 0.00	37.96 0.19 0.00	38.49 -0.71 0.00	39.65 -0.52 0.00	41.76 -0.55 0.00	44.61 -0.18 0.00	47.94 -0.05 0.00	52.39 -0.58 0.00	64.00 -1.17 -0.11	65.96 -1.12 -1.02	70.68 -2.60 -2.98	74.85 -3.49 -2.45	82.85 -3.18 -2.31	70.85 -2.09 -0.77	68.00 -1.11 0.00	55.20 -0.28 0.00	45.23 -0.32 0.00	38.34 -0.78 0.00	36.88 -0.30 0.00
HYLAND___LFGE 323620	40.40 2.21 0.00	39.07 1.68 0.00	38.36 1.30 0.00	36.66 1.34 0.00	36.64 1.48 0.00	39.22 1.62 0.00	39.66 1.89 0.00	40.88 1.68 0.00	42.10 1.93 0.00	43.95 1.65 0.00	46.71 1.92 0.00	50.00 2.01 0.00	52.44 -0.53 0.00	63.94 -1.24 -0.12	66.05 -1.12 -1.11	70.92 -2.60 -3.22	75.81 -2.73 -2.65	84.32 -1.92 -2.52	71.93 -1.08 -0.84	69.94 0.83 0.00	56.53 1.05 0.00	48.28 2.73 0.00	40.61 1.49 0.00	38.63 1.45 0.00
INDECK___CORINTH 23802	40.98 2.79 0.00	39.74 2.36 0.00	39.40 2.34 0.00	37.26 2.12 0.17	37.26 2.18 0.08	39.93 2.33 0.00	40.30 2.53 0.00	42.29 3.10 0.00	43.38 3.21 0.00	45.78 3.47 0.00	48.51 3.72 0.00	52.16 4.17 0.00	57.05 4.08 0.00	73.31 5.47 -2.78	97.32 5.48 -25.78	115.27 4.85 -40.12	120.07 5.16 -39.01	147.54 5.70 -58.13	96.59 4.98 -19.44	73.74 4.63 0.00	59.97 4.49 0.00	49.33 3.78 0.00	42.09 2.97 0.00	39.49 2.31 0.00
INDECK___ILION 23567	38.57 0.38 0.00	37.68 0.30 0.00	37.36 0.30 0.00	35.60 0.28 0.00	35.44 0.28 0.00	37.90 0.30 0.00	38.15 0.38 0.00	39.70 0.51 0.00	40.65 0.48 0.00	42.90 0.59 0.00	45.46 0.67 0.00	48.70 0.72 0.00	53.76 0.79 0.00	65.97 0.91 0.00	66.92 0.86 0.00	71.22 0.91 0.00	76.88 0.99 0.00	84.97 1.26 0.00	72.97 0.79 0.00	69.94 0.83 0.00	56.14 0.67 0.00	46.05 0.50 0.00	39.51 0.39 0.00	37.44 0.26 0.00

INDECK___OLEAN 23982	39.34 1.14 0.00	37.98 0.60 0.00	37.39 0.33 0.00	35.71 0.39 0.00	35.69 0.53 0.00	38.13 0.53 0.00	38.53 0.76 0.00	39.54 0.35 0.00	40.89 0.72 0.00	42.90 0.59 0.00	45.82 1.03 0.00	49.13 1.15 0.00	54.40 1.43 0.00	65.78 0.58 -0.13	68.09 0.80 -1.23	71.51 -2.32 -3.53	75.84 -2.96 -2.91	86.09 -0.42 -2.79	73.32 0.22 -0.93	69.60 0.49 0.00	56.53 1.05 0.00	46.28 0.73 0.00	38.42 -0.70 0.00	37.52 0.33 0.00
INDECK___OSWEGO 23783	37.69 -0.50 0.00	36.71 -0.67 0.00	36.32 -0.74 0.00	34.65 -0.67 0.00	34.53 -0.63 0.00	36.88 -0.72 0.00	37.21 -0.57 0.00	38.68 -0.51 0.00	39.77 -0.40 0.00	41.92 -0.38 0.00	44.48 -0.31 0.00	47.65 -0.33 0.00	52.49 -0.48 0.00	64.41 -0.65 0.00	65.34 -0.73 0.00	70.47 -0.84 -1.01	75.49 -1.06 -0.66	82.73 -1.00 -0.01	71.23 -0.94 0.00	68.42 -0.69 0.00	54.92 -0.55 0.00	45.09 -0.46 0.00	38.49 -0.63 0.00	36.47 -0.71 0.00
INDECK___YERKES 23781	38.95 0.76 0.00	37.68 0.30 0.00	37.02 -0.04 0.00	35.42 0.11 0.00	35.41 0.25 0.00	37.71 0.11 0.00	38.07 0.30 0.00	38.61 -0.59 0.00	39.97 -0.20 0.00	41.75 -0.55 0.00	44.75 -0.04 0.00	48.03 0.05 0.00	53.13 0.16 0.00	64.00 -1.17 -0.11	65.93 -1.12 -0.99	70.62 -2.60 -2.91	74.80 -3.49 -2.39	82.62 -3.35 -2.26	70.82 -2.10 -0.75	68.00 -1.11 0.00	55.26 -0.22 0.00	45.23 -0.32 0.00	38.34 -0.78 0.00	36.96 -0.22 0.00
INDIAN POINT_GT_1 24139	40.56 2.37 0.00	39.18 1.79 0.00	38.88 1.82 0.00	37.23 1.77 -0.14	36.88 1.65 -0.07	39.25 1.65 0.00	39.66 1.89 0.00	41.94 2.74 0.00	42.98 2.81 0.00	45.35 3.05 0.00	48.06 3.27 0.00	51.39 3.41 0.00	56.99 4.03 0.00	70.52 4.62 -0.84	78.73 4.89 -7.77	96.22 6.12 -19.80	99.27 6.60 -16.77	108.63 7.28 -17.63	83.74 5.70 -5.86	74.09 4.98 0.00	59.08 3.61 0.00	48.92 3.37 0.00	42.05 2.93 0.00	39.26 2.08 0.00
INDIAN POINT_GT_2 23659	40.56 2.37 0.00	39.18 1.79 0.00	38.88 1.82 0.00	37.23 1.77 -0.14	36.88 1.65 -0.07	39.25 1.65 0.00	39.66 1.89 0.00	41.94 2.74 0.00	42.98 2.81 0.00	45.35 3.05 0.00	48.06 3.27 0.00	51.39 3.41 0.00	56.99 4.03 0.00	70.52 4.62 -0.84	78.73 4.89 -7.77	96.22 6.12 -19.80	99.27 6.60 -16.77	108.63 7.28 -17.63	83.74 5.70 -5.86	74.09 4.98 0.00	59.08 3.61 0.00	48.92 3.37 0.00	42.05 2.93 0.00	39.26 2.08 0.00
INDIAN POINT_GT_3 24019	40.56 2.37 0.00	39.18 1.79 0.00	38.88 1.82 0.00	37.23 1.77 -0.14	36.88 1.65 -0.07	39.25 1.65 0.00	39.66 1.89 0.00	41.94 2.74 0.00	42.98 2.81 0.00	45.35 3.05 0.00	48.06 3.27 0.00	51.39 3.41 0.00	56.99 4.03 0.00	70.52 4.62 -0.84	78.73 4.89 -7.77	96.22 6.12 -19.80	99.27 6.60 -16.77	108.63 7.28 -17.63	83.74 5.70 -5.86	74.09 4.98 0.00	59.08 3.61 0.00	48.92 3.37 0.00	42.05 2.93 0.00	39.26 2.08 0.00
INDIAN POINT___2 23530	40.48 2.29 0.00	39.14 1.76 0.00	38.84 1.78 0.00	37.12 1.66 -0.14	36.81 1.58 -0.06	39.22 1.62 0.00	39.62 1.85 0.00	41.86 2.67 0.00	42.90 2.73 0.00	45.27 2.96 0.00	47.84 3.05 0.00	51.25 3.26 0.00	56.67 3.71 0.00	70.31 4.43 -0.82	78.38 4.69 -7.63	95.65 5.91 -19.44	98.74 6.38 -16.47	108.06 7.03 -17.31	83.48 5.56 -5.75	73.81 4.70 0.00	58.97 3.50 0.00	48.83 3.28 0.00	41.97 2.85 0.00	39.34 2.16 0.00
INDIAN POINT___3 23531	40.48 2.29 0.00	39.10 1.72 0.00	38.80 1.74 0.00	37.16 1.70 -0.14	36.81 1.58 -0.07	39.22 1.62 0.00	39.59 1.81 0.00	41.86 2.67 0.00	42.86 2.69 0.00	45.22 2.92 0.00	47.93 3.14 0.00	51.25 3.26 0.00	56.83 3.87 0.00	70.32 4.42 -0.84	78.47 4.62 -7.78	95.95 5.84 -19.81	98.97 6.30 -16.78	108.31 6.95 -17.65	83.52 5.49 -5.87	73.81 4.70 0.00	58.92 3.44 0.00	48.78 3.23 0.00	41.94 2.82 0.00	39.19 2.01 0.00
INGHAM_C_115KV_TB7 356103	38.53 0.34 0.00	37.65 0.26 0.00	37.36 0.30 0.00	35.56 0.25 0.00	35.41 0.25 0.00	37.90 0.30 0.00	38.15 0.38 0.00	39.70 0.51 0.00	40.65 0.48 0.00	42.90 0.59 0.00	45.51 0.72 0.00	48.75 0.77 0.00	53.76 0.79 0.00	66.04 0.98 0.00	66.92 0.86 0.00	71.22 0.91 0.00	76.80 0.91 0.00	84.89 1.17 0.00	72.97 0.79 0.00	69.94 0.83 0.00	56.14 0.67 0.00	46.05 0.50 0.00	39.51 0.39 0.00	37.48 0.30 0.00
IP CORINTH___1 23988	41.21 3.02 0.00	39.96 2.58 0.00	39.62 2.56 0.00	37.48 2.33 0.17	37.47 2.39 0.08	40.12 2.52 0.00	40.53 2.76 0.00	42.52 3.33 0.00	43.62 3.45 0.00	46.03 3.72 0.00	48.82 4.03 0.00	52.45 4.46 0.00	57.47 4.50 0.00	73.70 5.86 -2.78	97.72 5.88 -25.78	115.70 5.27 -40.12	120.52 5.62 -39.01	148.04 6.20 -58.13	97.02 5.41 -19.44	74.15 5.04 0.00	60.30 4.83 0.00	49.60 4.05 0.00	42.33 3.21 0.00	39.64 2.45 0.00
IP___TICONDEROGA 23804	44.64 6.45 0.00	43.10 5.72 0.00	42.62 5.56 0.00	40.26 5.12 0.18	40.32 5.24 0.08	43.20 5.60 0.00	43.70 5.93 0.00	45.82 6.62 0.00	47.20 7.03 0.00	49.96 7.66 0.00	53.12 8.33 0.00	57.25 9.26 0.00	62.34 9.38 0.00	80.31 12.49 -2.76	104.01 12.35 -25.59	122.05 11.81 -39.93	127.13 12.45 -38.79	155.06 13.65 -57.70	103.09 11.62 -19.29	80.10 10.99 0.00	65.63 10.15 0.00	53.52 7.97 0.00	45.34 6.22 0.00	42.35 5.17 0.00
ISLIP_RES_REC 323679	50.96 4.50 -8.27	45.83 3.89 -4.56	43.90 3.93 -2.91	39.27 3.78 -0.17	38.94 3.69 -0.09	41.55 3.87 -0.07	44.93 4.12 -3.04	51.05 5.09 -6.77	50.55 5.26 -5.12	60.48 5.50 -12.68	76.07 4.70 -26.58	118.17 4.84 -65.34	125.59 5.61 -67.01	288.89 6.96 -216.87	280.11 7.73 -206.32	314.55 9.49 -234.76	300.65 9.94 -214.82	345.61 10.72 -251.17	247.37 8.30 -166.90	237.19 6.98 -161.11	108.13 5.21 -47.44	117.98 5.33 -67.11	53.76 4.46 -10.18	47.41 4.61 -5.62
JAMAICA___27_KV_LOAD 355505	41.02 2.83 0.00	39.48 2.09 0.00	39.21 2.15 0.00	37.58 2.12 -0.15	37.20 1.97 -0.07	39.63 2.03 0.00	40.04 2.27 0.00	42.60 3.41 0.00	43.62 3.45 0.00	46.07 3.77 0.00	48.64 3.85 0.00	51.97 3.98 0.00	57.68 4.71 0.00	71.31 5.40 -0.85	79.69 5.75 -7.88	97.89 7.52 -20.06	101.09 8.20 -17.00	110.64 9.04 -17.88	85.12 7.00 -5.94	75.19 6.08 0.00	59.75 4.27 0.00	49.60 4.05 0.00	42.88 3.76 0.00	39.82 2.64 0.00
JANIS___SOLAR 323808	40.71 2.52 0.00	39.51 2.13 0.00	39.02 1.96 0.00	37.15 1.84 0.00	37.06 1.90 0.00	39.70 2.10 0.00	40.15 2.38 0.00	41.86 2.67 0.00	42.94 2.77 0.00	45.27 2.96 0.00	48.10 3.31 0.00	51.39 3.41 0.00	56.57 3.60 0.00	69.56 4.29 -0.21	72.40 4.43 -1.91	80.24 4.64 -5.30	85.31 5.01 -4.40	94.42 6.36 -4.34	79.31 5.70 -1.44	75.05 5.94 0.00	60.08 4.60 0.00	48.92 3.37 0.00	41.39 2.27 0.00	39.26 2.08 0.00
JARVIS____ 23743	38.46 0.27 0.00	37.57 0.19 0.00	37.25 0.19 0.00	35.50 0.18 0.00	35.34 0.18 0.00	37.79 0.19 0.00	38.00 0.23 0.00	39.54 0.35 0.00	40.49 0.32 0.00	42.69 0.38 0.00	45.19 0.40 0.00	48.46 0.48 0.00	53.44 0.48 0.00	65.58 0.52 0.00	66.59 0.53 0.00	70.94 0.63 0.00	76.57 0.68 0.00	84.55 0.84 0.00	72.68 0.51 0.00	69.60 0.49 0.00	55.87 0.39 0.00	45.87 0.32 0.00	39.36 0.24 0.00	37.33 0.15 0.00

JENNISON___1 23625	41.05 2.86 0.00	39.85 2.47 0.00	39.39 2.33 0.00	37.47 2.15 0.00	37.38 2.22 0.00	40.01 2.41 0.00	40.38 2.61 0.00	42.17 2.98 0.00	43.18 3.01 0.00	45.65 3.34 0.00	48.55 3.76 0.00	52.06 4.08 0.00	57.21 4.24 0.00	70.48 5.14 -0.28	73.81 5.15 -2.60	82.65 5.27 -7.08	87.34 5.54 -5.90	96.56 6.95 -5.90	80.12 5.99 -1.96	75.26 6.15 0.00	60.36 4.88 0.00	49.15 3.60 0.00	41.74 2.62 0.00	39.52 2.34 0.00
JENNISON___2 23626	41.05 2.86 0.00	39.85 2.47 0.00	39.39 2.33 0.00	37.47 2.15 0.00	37.38 2.22 0.00	40.01 2.41 0.00	40.38 2.61 0.00	42.17 2.98 0.00	43.18 3.01 0.00	45.65 3.34 0.00	48.55 3.76 0.00	52.06 4.08 0.00	57.21 4.24 0.00	70.48 5.14 -0.28	73.81 5.15 -2.60	82.65 5.27 -7.08	87.34 5.54 -5.90	96.56 6.95 -5.90	80.12 5.99 -1.96	75.26 6.15 0.00	60.36 4.88 0.00	49.15 3.60 0.00	41.74 2.62 0.00	39.52 2.34 0.00
JERICHO_RISE_WT_PWR 323719	37.08 -1.11 0.00	36.67 -0.71 0.00	36.35 -0.71 0.00	34.68 -0.63 0.00	34.56 -0.60 0.00	37.04 -0.56 0.00	37.28 -0.49 0.00	38.17 -1.02 0.00	39.04 -1.12 0.00	41.08 -1.23 0.00	43.18 -1.61 0.00	46.21 -1.77 0.00	51.01 -1.96 0.00	63.04 -2.02 0.00	64.14 -1.92 0.00	67.70 -2.60 0.00	73.31 -2.58 0.00	79.95 -3.77 0.00	69.64 -2.53 0.00	66.62 -2.49 0.00	53.59 -1.89 0.00	43.59 -1.96 0.00	38.22 -0.90 0.00	36.85 -0.34 0.00
KATONAH___115KV_46KV_TB4 355592	41.02 2.83 0.00	39.63 2.24 0.00	39.25 2.19 0.00	37.58 2.12 -0.15	37.20 1.97 -0.07	39.63 2.03 0.00	40.19 2.42 0.00	42.48 3.29 0.00	43.62 3.45 0.00	46.07 3.77 0.00	48.87 4.08 0.00	52.30 4.32 0.00	58.05 5.08 0.00	71.91 5.99 -0.87	80.24 6.14 -8.03	98.17 7.45 -20.41	101.16 7.97 -17.30	110.80 8.87 -18.21	85.23 7.00 -6.05	75.19 6.08 0.00	59.91 4.44 0.00	49.60 4.05 0.00	42.48 3.36 0.00	39.71 2.53 0.00
KCE_NY_1 323755	41.09 2.90 0.00	39.89 2.51 0.00	39.54 2.48 0.00	37.40 2.26 0.18	37.36 2.28 0.08	40.01 2.41 0.00	40.42 2.64 0.00	42.33 3.14 0.00	43.38 3.21 0.00	45.73 3.43 0.00	48.46 3.67 0.00	52.02 4.03 0.00	57.31 4.34 0.00	73.40 5.60 -2.74	97.13 5.68 -25.39	115.80 5.77 -39.73	120.53 6.07 -38.56	147.74 6.78 -57.24	97.16 5.84 -19.14	74.57 5.46 0.00	60.19 4.71 0.00	49.42 3.87 0.00	42.25 3.13 0.00	39.71 2.53 0.00
KCE_NY_6_ESR 323823	39.34 1.14 0.00	38.02 0.63 0.00	37.39 0.33 0.00	35.78 0.46 0.00	35.72 0.56 0.00	38.13 0.53 0.00	38.49 0.72 0.00	39.15 -0.04 0.00	40.49 0.32 0.00	42.48 0.17 0.00	45.46 0.67 0.00	48.80 0.81 0.00	53.97 1.00 0.00	65.11 -0.06 -0.12	67.20 0.07 -1.07	71.66 -1.75 -3.11	75.95 -2.50 -2.56	84.47 -1.67 -2.43	72.26 -0.72 -0.81	69.18 0.07 0.00	56.14 0.67 0.00	46.01 0.46 0.00	38.69 -0.43 0.00	37.41 0.22 0.00
KEDC_PORT_JEFF_GT2 24210	50.68 3.97 -8.52	45.39 3.44 -4.57	43.51 3.52 -2.92	38.84 3.36 -0.17	38.52 3.27 -0.09	41.06 3.39 -0.08	44.96 3.66 -3.53	51.78 4.54 -8.04	50.29 4.70 -5.43	62.63 4.74 -15.59	81.11 3.63 -32.69	147.22 3.60 -95.64	154.85 4.18 -97.70	388.02 5.14 -317.82	339.13 5.81 -267.25	362.00 7.53 -284.17	344.12 7.89 -260.34	397.03 8.45 -304.86	297.65 6.28 -219.20	287.67 5.11 -213.44	168.74 3.66 -109.60	147.51 4.14 -97.81	53.47 3.56 -10.79	47.12 3.98 -5.96
KEDC_PORT_JEFF_GT3 24211	50.68 3.97 -8.52	45.39 3.44 -4.57	43.51 3.52 -2.92	38.84 3.36 -0.17	38.52 3.27 -0.09	41.06 3.39 -0.08	44.96 3.66 -3.53	51.78 4.54 -8.04	50.29 4.70 -5.43	62.63 4.74 -15.59	81.11 3.63 -32.69	147.22 3.60 -95.64	154.85 4.18 -97.70	388.02 5.14 -317.82	339.13 5.81 -267.25	362.00 7.53 -284.17	344.12 7.89 -260.34	397.03 8.45 -304.86	297.65 6.28 -219.20	287.67 5.11 -213.44	168.74 3.66 -109.60	147.51 4.14 -97.81	53.47 3.56 -10.79	47.12 3.98 -5.96
KEDC_GLWD_GT4 24219	45.57 3.21 -4.17	44.46 2.58 -4.50	42.51 2.59 -2.85	37.95 2.47 -0.16	37.63 2.39 -0.08	40.11 2.44 -0.06	41.37 2.68 -0.91	43.40 3.60 -0.61	43.91 3.74 -0.01	46.12 3.81 -0.01	48.46 3.67 0.00	51.83 3.84 0.00	57.42 4.45 0.00	71.31 5.40 -0.85	79.76 5.81 -7.89	97.76 7.38 -20.07	100.64 7.74 -17.01	110.06 8.45 -17.89	84.54 6.42 -5.95	74.50 5.39 0.00	59.42 3.94 0.00	49.56 4.01 0.00	42.41 3.29 0.00	40.05 2.86 0.00
KEDC_GLWD_GT5 24220	45.57 3.21 -4.17	44.46 2.58 -4.50	42.51 2.59 -2.85	37.95 2.47 -0.16	37.63 2.39 -0.08	40.11 2.44 -0.06	41.37 2.68 -0.91	43.40 3.60 -0.61	43.91 3.74 -0.01	46.12 3.81 -0.01	48.46 3.67 0.00	51.83 3.84 0.00	57.42 4.45 0.00	71.31 5.40 -0.85	79.76 5.81 -7.89	97.76 7.38 -20.07	100.64 7.74 -17.01	110.06 8.45 -17.89	84.54 6.42 -5.95	74.50 5.39 0.00	59.42 3.94 0.00	49.56 4.01 0.00	42.41 3.29 0.00	40.05 2.86 0.00
KENSICO____ 23655	40.67 2.48 0.00	39.29 1.91 0.00	38.99 1.93 0.00	37.34 1.87 -0.15	36.99 1.76 -0.07	39.40 1.80 0.00	39.78 2.00 0.00	42.09 2.90 0.00	43.10 2.93 0.00	45.52 3.22 0.00	48.19 3.40 0.00	51.54 3.55 0.00	57.15 4.18 0.00	70.72 4.81 -0.85	79.01 5.09 -7.86	96.71 6.40 -20.01	99.75 6.91 -16.95	109.17 7.62 -17.83	84.09 5.99 -5.93	74.29 5.18 0.00	59.25 3.77 0.00	49.10 3.55 0.00	42.21 3.09 0.00	39.38 2.19 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.60 2.41 0.00	39.29 1.91 0.00	38.95 1.89 0.00	37.23 1.84 -0.07	36.92 1.72 -0.03	39.37 1.77 0.00	39.74 1.96 0.00	41.86 2.67 0.00	42.74 2.57 0.00	45.14 2.83 0.00	47.48 2.69 0.00	50.86 2.88 0.00	56.41 3.44 0.00	69.67 3.77 -0.84	77.86 4.03 -7.77	93.82 5.27 -18.25	97.12 5.84 -15.38	106.31 6.53 -16.06	83.22 5.20 -5.86	73.88 4.77 0.00	58.92 3.44 0.00	48.69 3.14 0.00	42.05 2.93 0.00	39.34 2.16 0.00
KIAC_JFK_GT1 23816	40.63 2.44 0.00	39.10 1.72 0.00	38.88 1.82 0.00	37.27 1.80 -0.15	36.88 1.65 -0.07	39.29 1.69 0.00	39.70 1.93 0.00	42.25 3.06 0.00	43.22 3.05 0.00	45.65 3.34 0.00	48.15 3.36 0.00	51.49 3.50 0.00	57.10 4.13 0.00	70.60 4.68 -0.85	78.97 5.02 -7.88	97.19 6.82 -20.06	100.25 7.36 -17.00	109.72 8.12 -17.88	84.25 6.13 -5.94	74.36 5.25 0.00	59.14 3.66 0.00	49.10 3.55 0.00	42.48 3.36 0.00	39.49 2.31 0.00
KIAC_JFK_GT2 23817	40.63 2.44 0.00	39.10 1.72 0.00	38.88 1.82 0.00	37.27 1.80 -0.15	36.88 1.65 -0.07	39.29 1.69 0.00	39.70 1.93 0.00	42.25 3.06 0.00	43.22 3.05 0.00	45.65 3.34 0.00	48.15 3.36 0.00	51.49 3.50 0.00	57.10 4.13 0.00	70.60 4.68 -0.85	78.97 5.02 -7.88	97.19 6.82 -20.06	100.25 7.36 -17.00	109.72 8.12 -17.88	84.25 6.13 -5.94	74.36 5.25 0.00	59.14 3.66 0.00	49.10 3.55 0.00	42.48 3.36 0.00	39.49 2.31 0.00
KIAC_JFK____ 323774	40.64 2.45 0.00	39.14 1.76 0.00	38.88 1.82 0.00	37.23 1.77 -0.15	36.85 1.62 -0.07	39.25 1.65 0.00	39.70 1.93 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.65 3.34 0.00	48.06 3.27 0.00	51.49 3.50 0.00	56.89 3.92 0.00	70.60 4.69 -0.85	79.03 5.09 -7.88	97.12 6.75 -20.06	100.25 7.36 -17.00	109.72 8.12 -17.88	84.25 6.13 -5.94	74.30 5.19 0.00	59.14 3.66 0.00	49.11 3.56 0.00	42.49 3.36 0.00	39.64 2.45 0.00

KINTIGH____ 23543	38.46 0.27 0.00	37.23 -0.15 0.00	36.65 -0.41 0.00	34.89 -0.42 0.00	34.92 -0.25 0.00	37.34 -0.26 0.00	37.66 -0.11 0.00	38.33 -0.86 0.00	39.44 -0.72 0.00	41.54 -0.76 0.00	44.39 -0.40 0.00	47.70 -0.29 0.00	52.17 -0.79 0.00	63.85 -1.30 -0.09	65.65 -1.26 -0.85	70.87 -1.97 -2.54	75.23 -2.73 -2.07	82.54 -3.10 -1.92	70.57 -2.24 -0.64	67.87 -1.24 0.00	54.92 -0.55 0.00	45.05 -0.50 0.00	38.22 -0.90 0.00	36.62 -0.56 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.50 -0.69 0.00	37.08 -0.30 0.00	36.69 -0.37 0.00	35.11 -0.21 0.00	34.95 -0.21 0.00	37.49 -0.11 0.00	37.70 -0.08 0.00	38.64 -0.55 0.00	39.89 -0.28 0.00	41.50 -0.80 0.00	43.58 -1.21 0.00	46.59 -1.39 0.00	51.48 -1.48 0.00	63.63 -1.43 0.00	64.81 -1.26 0.00	68.12 -2.18 0.00	73.84 -2.05 0.00	80.12 -3.60 0.00	70.15 -2.02 0.00	67.31 -1.80 0.00	54.20 -1.28 0.00	44.00 -1.55 0.00	38.69 -0.43 0.00	37.96 0.78 0.00
LACHUTE__HYDRO 323717	44.65 6.46 0.00	43.10 5.72 0.00	42.62 5.56 0.00	40.26 5.12 0.18	40.32 5.24 0.08	43.20 5.60 0.00	43.70 5.93 0.00	45.77 6.58 0.00	47.20 7.03 0.00	49.97 7.66 0.00	53.08 8.29 0.00	57.25 9.26 0.00	62.29 9.33 0.00	80.32 12.49 -2.76	104.00 12.35 -25.59	122.04 11.81 -39.93	127.13 12.45 -38.79	155.07 13.65 -57.70	103.09 11.62 -19.29	80.02 10.92 0.00	65.63 10.15 0.00	53.52 7.97 0.00	45.30 6.18 0.00	42.46 5.28 0.00
LAWRNCV_115KV_TB1 80681	36.32 -1.87 0.00	35.93 -1.46 0.00	35.58 -1.48 0.00	33.94 -1.38 0.00	33.79 -1.37 0.00	36.17 -1.43 0.00	36.22 -1.55 0.00	37.04 -2.16 0.00	38.00 -2.17 0.00	39.43 -2.88 0.00	41.70 -3.09 0.00	44.63 -3.36 0.00	49.26 -3.71 0.00	60.83 -4.23 0.00	61.83 -4.23 0.00	65.38 -4.92 0.00	70.81 -5.08 0.00	77.44 -6.28 0.00	67.55 -4.62 0.00	64.82 -4.28 0.00	51.98 -3.50 0.00	42.32 -3.23 0.00	37.24 -1.88 0.00	36.14 -1.04 0.00
LEDERLE____ 23769	40.60 2.41 0.00	39.22 1.83 0.00	38.91 1.85 0.00	37.25 1.80 -0.13	36.91 1.69 -0.06	39.33 1.73 0.00	39.74 1.96 0.00	41.97 2.78 0.00	42.98 2.81 0.00	45.39 3.09 0.00	48.06 3.27 0.00	51.44 3.45 0.00	57.10 4.13 0.00	70.55 4.68 -0.81	78.44 4.89 -7.49	95.51 6.12 -19.09	98.66 6.60 -16.16	108.06 7.37 -16.98	83.59 5.77 -5.64	74.15 5.04 0.00	59.19 3.72 0.00	49.01 3.46 0.00	42.09 2.97 0.00	39.30 2.12 0.00
LIGHTHSE_115KV_TB6 355974	38.30 0.11 0.00	37.31 -0.07 0.00	36.91 -0.15 0.00	35.18 -0.14 0.00	35.06 -0.11 0.00	37.52 -0.08 0.00	37.89 0.11 0.00	39.39 0.20 0.00	40.45 0.28 0.00	42.64 0.34 0.00	45.24 0.45 0.00	48.46 0.48 0.00	53.34 0.37 0.00	65.52 0.46 0.00	66.33 0.26 0.00	71.38 0.14 -0.94	76.43 -0.08 -0.61	83.98 0.25 -0.01	72.39 0.22 0.00	69.59 0.48 0.00	55.81 0.33 0.00	45.73 0.18 0.00	39.08 -0.04 0.00	37.07 -0.11 0.00
LINDEN COGEN____ 23786	40.51 2.33 0.01	39.07 1.68 0.00	38.80 1.74 0.00	37.20 1.73 -0.15	36.85 1.62 -0.07	39.11 1.51 0.00	39.51 1.74 0.00	40.66 2.74 1.27	42.35 2.77 0.59	42.62 3.05 2.73	42.08 3.18 5.89	43.04 3.86 9.31	46.42 4.62 13.79	56.94 4.89 23.26	74.07 6.46 14.01	81.77 6.98 2.70	89.82 7.62 1.10	60.59 5.84 1.51	53.00 4.91 17.42	49.52 3.50 9.45	42.08 3.37 6.84	42.09 3.05 0.08	39.44 2.27 0.01	
LINDHRST_69_KV_BK1 356055	47.35 4.01 -5.14	45.25 3.36 -4.51	43.29 3.37 -2.86	38.82 3.36 -0.15	38.47 3.23 -0.07	41.01 3.35 -0.06	42.45 3.55 -1.13	45.03 4.51 -1.33	45.80 4.62 -1.01	48.36 4.91 -1.14	51.53 4.34 -2.40	56.54 4.22 -4.33	62.52 5.14 -4.42	96.59 6.18 -25.34	100.29 6.94 -27.29	118.48 8.72 -39.46	119.87 9.11 -34.87	132.46 9.79 -38.95	101.64 7.51 -21.97	91.43 6.29 -16.03	69.35 4.60 -9.27	57.83 4.74 -7.54	45.17 4.03 -2.02	42.09 3.57 -1.34
LIPA_MISC_IPP 23656	50.49 4.16 -8.13	45.49 3.55 -4.56	43.64 3.67 -2.91	39.04 3.57 -0.16	38.65 3.41 -0.08	41.24 3.57 -0.07	44.66 3.78 -3.10	50.84 4.74 -6.91	47.57 4.82 -2.59	60.44 5.03 -13.10	76.67 4.39 -27.49	149.82 4.41 -97.42	156.72 5.30 -98.46	510.29 6.38 -438.85	350.15 7.00 -277.08	321.06 8.58 -242.18	306.50 8.96 -221.65	352.67 9.71 -259.24	316.04 7.51 -236.36	306.11 6.43 -230.57	323.85 4.77 -263.60	183.80 4.92 -133.33	48.41 4.15 -5.14	46.33 3.72 -5.43
LISF__SOLAR 323691	50.65 4.28 -8.18	45.61 3.67 -4.56	43.71 3.74 -2.91	39.05 3.57 -0.17	38.73 3.48 -0.09	41.32 3.65 -0.07	44.80 3.89 -3.14	51.01 4.82 -7.00	50.11 4.94 -5.00	60.76 5.16 -13.30	77.06 4.39 -27.88	209.09 4.56 -156.54	216.61 5.35 -158.30	594.58 6.64 -522.88	377.40 7.27 -304.07	324.48 8.86 -245.32	309.69 9.26 -224.54	356.40 10.04 -262.64	342.77 7.80 -262.80	332.76 6.64 -257.02	405.64 4.99 -345.17	209.09 5.15 -158.40	53.38 4.30 -9.96	47.10 4.42 -5.49
LITTLE FALLS__HYD 24013	38.53 0.34 0.00	37.65 0.26 0.00	37.36 0.30 0.00	35.56 0.25 0.00	35.41 0.25 0.00	37.90 0.30 0.00	38.15 0.38 0.00	39.70 0.51 0.00	40.65 0.48 0.00	42.90 0.59 0.00	45.51 0.72 0.00	48.75 0.77 0.00	53.76 0.79 0.00	66.04 0.98 0.00	66.92 0.86 0.00	71.22 0.91 0.00	76.80 0.91 0.00	84.89 1.17 0.00	72.97 0.79 0.00	69.94 0.83 0.00	56.14 0.67 0.00	46.05 0.50 0.00	39.51 0.39 0.00	37.48 0.30 0.00
LITTLRIV_115KV_TB1 356100	36.66 -1.53 0.00	36.22 -1.16 0.00	35.87 -1.19 0.00	34.22 -1.09 0.00	34.07 -1.09 0.00	36.51 -1.09 0.00	36.53 -1.25 0.00	37.35 -1.84 0.00	38.32 -1.85 0.00	39.81 -2.50 0.00	42.10 -2.69 0.00	45.11 -2.88 0.00	49.74 -3.23 0.00	61.42 -3.64 0.00	62.43 -3.63 0.00	66.02 -4.29 0.00	71.49 -4.40 0.00	78.19 -5.53 0.00	68.27 -3.90 0.00	65.58 -3.52 0.00	52.59 -2.88 0.00	42.68 -2.87 0.00	37.48 -1.64 0.00	36.40 -0.78 0.00
LI_NEWBRDGE__DRP 323616	45.37 3.02 -4.17	44.31 2.43 -4.50	42.40 2.48 -2.85	37.90 2.44 -0.15	37.55 2.32 -0.07	40.03 2.37 -0.06	41.23 2.57 -0.88	43.21 3.49 -0.53	43.74 3.57 0.00	46.16 3.85 0.00	48.10 3.31 0.00	51.25 3.26 0.00	56.99 4.03 0.00	70.53 4.62 -0.85	79.17 5.22 -7.89	97.27 6.89 -20.07	100.03 7.13 -17.01	109.31 7.70 -17.89	83.82 5.70 -5.95	73.74 4.63 0.00	58.80 3.33 0.00	49.24 3.69 0.00	42.21 3.09 0.00	39.75 2.57 0.00
LOCKPORT_115KV_TB60_63_64 80432	38.57 0.38 0.00	37.31 -0.07 0.00	36.65 -0.41 0.00	34.89 -0.42 0.00	34.95 -0.21 0.00	37.34 -0.26 0.00	37.70 -0.08 0.00	38.21 -0.98 0.00	39.40 -0.76 0.00	41.42 -0.89 0.00	44.25 -0.54 0.00	47.60 -0.38 0.00	51.91 -1.06 0.00	63.41 -1.76 -0.10	65.29 -1.72 -0.94	69.99 -3.09 -2.78	74.08 -4.10 -2.28	81.92 -3.93 -2.14	70.07 -2.81 -0.71	67.45 -1.66 0.00	54.81 -0.67 0.00	44.87 -0.68 0.00	38.06 -1.06 0.00	36.62 -0.56 0.00
LOCKPORT__CC1 323769	38.46 0.27 0.00	37.16 -0.22 0.00	36.54 -0.52 0.00	34.96 -0.35 0.00	34.92 -0.24 0.00	37.22 -0.38 0.00	37.59 -0.19 0.00	38.09 -1.10 0.00	39.36 -0.80 0.00	41.29 -1.02 0.00	44.16 -0.63 0.00	47.41 -0.57 0.00	52.44 -0.53 0.00	63.15 -2.02 -0.10	64.96 -2.05 -0.95	69.74 -3.37 -2.80	73.79 -4.40 -2.30	81.44 -4.44 -2.16	69.86 -3.03 -0.72	67.10 -2.01 0.00	54.59 -0.89 0.00	44.68 -0.87 0.00	37.87 -1.25 0.00	36.44 -0.74 0.00

LOCKPORT___CC2 323770	38.46 0.27 0.00	37.16 -0.22 0.00	36.54 -0.52 0.00	34.96 -0.35 0.00	34.92 -0.24 0.00	37.22 -0.38 0.00	37.59 -0.19 0.00	38.09 -1.10 0.00	39.36 -0.80 0.00	41.29 -1.02 0.00	44.16 -0.63 0.00	47.41 -0.57 0.00	52.44 -0.53 0.00	63.15 -2.02 -0.10	64.96 -2.05 -0.95	69.74 -3.37 -2.80	73.79 -4.40 -2.30	81.44 -4.44 -2.16	69.86 -3.03 -0.72	67.10 -2.01 0.00	54.59 -0.89 0.00	44.68 -0.87 0.00	37.87 -1.25 0.00	36.44 -0.74 0.00
LOCKPORT___CC3 323771	38.46 0.27 0.00	37.16 -0.22 0.00	36.54 -0.52 0.00	34.96 -0.35 0.00	34.92 -0.24 0.00	37.22 -0.38 0.00	37.59 -0.19 0.00	38.09 -1.10 0.00	39.36 -0.80 0.00	41.29 -1.02 0.00	44.16 -0.63 0.00	47.41 -0.57 0.00	52.44 -0.53 0.00	63.15 -2.02 -0.10	64.96 -2.05 -0.95	69.74 -3.37 -2.80	73.79 -4.40 -2.30	81.44 -4.44 -2.16	69.86 -3.03 -0.72	67.10 -2.01 0.00	54.59 -0.89 0.00	44.68 -0.87 0.00	37.87 -1.25 0.00	36.44 -0.74 0.00
LONG_LAKE_PHOENIX 24014	38.08 -0.11 0.00	37.08 -0.30 0.00	36.69 -0.37 0.00	34.96 -0.35 0.00	34.85 -0.32 0.00	37.26 -0.34 0.00	37.58 -0.19 0.00	39.11 -0.08 0.00	40.17 0.00 0.00	42.43 0.13 0.00	44.97 0.18 0.00	48.22 0.24 0.00	53.07 0.11 0.00	65.19 0.13 0.00	66.20 0.13 0.00	71.35 0.00 -1.04	76.50 -0.08 -0.68	83.73 0.00 -0.01	72.17 0.00 0.00	69.18 0.07 0.00	55.59 0.11 0.00	45.64 0.09 0.00	38.89 -0.23 0.00	36.85 -0.33 0.00
LOVETT___3 23632	40.37 2.18 0.00	39.03 1.64 0.00	38.73 1.67 0.00	37.04 1.59 -0.13	36.70 1.48 -0.06	39.10 1.50 0.00	39.47 1.70 0.00	41.74 2.55 0.00	42.74 2.57 0.00	45.14 2.83 0.00	47.79 3.00 0.00	51.10 3.12 0.00	56.73 3.76 0.00	70.10 4.23 -0.81	78.08 4.49 -7.52	95.11 5.62 -19.18	98.28 6.15 -16.24	107.56 6.78 -17.06	83.11 5.27 -5.67	73.67 4.56 0.00	58.80 3.33 0.00	48.69 3.14 0.00	41.86 2.74 0.00	39.08 1.90 0.00
LOVETT___4 23642	40.37 2.18 0.00	39.03 1.64 0.00	38.73 1.67 0.00	37.04 1.59 -0.13	36.70 1.48 -0.06	39.10 1.50 0.00	39.47 1.70 0.00	41.74 2.55 0.00	42.74 2.57 0.00	45.14 2.83 0.00	47.79 3.00 0.00	51.10 3.12 0.00	56.73 3.76 0.00	70.10 4.23 -0.81	78.08 4.49 -7.52	95.11 5.62 -19.18	98.28 6.15 -16.24	107.56 6.78 -17.06	83.11 5.27 -5.67	73.67 4.56 0.00	58.80 3.33 0.00	48.69 3.14 0.00	41.86 2.74 0.00	39.08 1.90 0.00
LOVETT___5 23593	40.37 2.18 0.00	39.03 1.64 0.00	38.73 1.67 0.00	37.04 1.59 -0.13	36.70 1.48 -0.06	39.10 1.50 0.00	39.47 1.70 0.00	41.74 2.55 0.00	42.74 2.57 0.00	45.14 2.83 0.00	47.79 3.00 0.00	51.10 3.12 0.00	56.73 3.76 0.00	70.10 4.23 -0.81	78.08 4.49 -7.52	95.11 5.62 -19.18	98.28 6.15 -16.24	107.56 6.78 -17.06	83.11 5.27 -5.67	73.67 4.56 0.00	58.80 3.33 0.00	48.69 3.14 0.00	41.86 2.74 0.00	39.08 1.90 0.00
LOWER RAQUET___HYD 24057	36.13 -2.06 0.00	35.70 -1.68 0.00	35.36 -1.70 0.00	33.73 -1.59 0.00	33.58 -1.58 0.00	35.98 -1.62 0.00	36.00 -1.77 0.00	36.84 -2.35 0.00	37.72 -2.45 0.00	39.26 -3.05 0.00	41.48 -3.31 0.00	44.43 -3.55 0.00	48.94 -4.03 0.00	60.57 -4.49 0.00	61.51 -4.56 0.00	65.10 -5.20 0.00	70.51 -5.39 0.00	77.19 -6.53 0.00	67.19 -4.98 0.00	64.48 -4.63 0.00	51.76 -3.72 0.00	42.09 -3.46 0.00	37.05 -2.07 0.00	35.85 -1.34 0.00
LOWER___HUDSON 24059	40.10 1.91 0.00	38.92 1.53 0.00	38.54 1.48 0.00	36.43 1.34 0.23	36.39 1.34 0.11	39.06 1.46 0.00	39.47 1.70 0.00	41.39 2.19 0.00	42.42 2.25 0.00	44.67 2.37 0.00	47.25 2.46 0.00	50.67 2.69 0.00	55.93 2.96 0.00	71.27 3.77 -2.44	92.55 4.49 -22.59	111.44 4.15 -36.99	115.67 4.40 -35.38	139.71 5.02 -50.97	93.54 4.33 -17.04	73.05 3.94 0.00	58.69 3.22 0.00	48.24 2.69 0.00	41.35 2.23 0.00	38.86 1.67 0.00
LOWVILLE_115KV_TB2 356335	38.61 0.42 0.00	37.72 0.34 0.00	37.28 0.22 0.00	35.53 0.21 0.00	35.41 0.25 0.00	37.90 0.30 0.00	38.23 0.45 0.00	39.66 0.47 0.00	40.61 0.44 0.00	42.73 0.42 0.00	45.33 0.54 0.00	48.56 0.58 0.00	53.34 0.37 0.00	65.65 0.59 0.00	66.59 0.53 0.00	71.23 0.42 -0.50	76.83 0.61 -0.33	84.64 0.92 -0.01	73.11 0.94 0.00	70.35 1.24 0.00	56.31 0.83 0.00	45.82 0.27 0.00	39.32 0.20 0.00	37.52 0.33 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.05 2.86 0.00	39.85 2.47 0.00	39.51 2.45 0.00	37.36 2.23 0.18	37.33 2.25 0.08	39.97 2.37 0.00	40.38 2.61 0.00	42.29 3.10 0.00	43.34 3.17 0.00	45.69 3.38 0.00	48.42 3.63 0.00	51.97 3.98 0.00	57.31 4.34 0.00	73.33 5.53 -2.74	97.06 5.62 -25.39	115.66 5.62 -39.73	120.45 6.00 -38.56	147.66 6.70 -57.24	97.09 5.77 -19.14	74.57 5.46 0.00	60.14 4.66 0.00	49.38 3.83 0.00	42.21 3.09 0.00	39.56 2.38 0.00
LUTHERNY_35_KV_BK2 355980	41.09 2.90 0.00	39.89 2.50 0.00	39.54 2.48 0.00	37.40 2.26 0.18	37.36 2.29 0.08	40.01 2.41 0.00	40.42 2.64 0.00	42.33 3.14 0.00	43.38 3.21 0.00	45.73 3.43 0.00	48.46 3.67 0.00	52.02 4.03 0.00	57.36 4.40 0.00	73.40 5.60 -2.74	97.13 5.68 -25.39	115.80 5.76 -39.73	120.53 6.07 -38.56	147.74 6.78 -57.24	97.16 5.85 -19.14	74.64 5.53 0.00	60.19 4.72 0.00	49.42 3.87 0.00	42.25 3.13 0.00	39.60 2.42 0.00
LWR___OSWEGATCHIE_HYD 23850	37.24 -0.95 0.00	36.60 -0.79 0.00	36.21 -0.85 0.00	34.51 -0.81 0.00	34.35 -0.81 0.00	36.81 -0.79 0.00	36.98 -0.79 0.00	38.13 -1.06 0.00	39.08 -1.08 0.00	40.87 -1.44 0.00	43.27 -1.52 0.00	46.35 -1.63 0.00	50.96 -2.01 0.00	62.78 -2.28 0.00	63.75 -2.31 0.00	67.93 -2.74 -0.37	73.32 -2.81 -0.24	80.46 -3.26 0.00	69.86 -2.31 0.00	67.17 -1.94 0.00	53.81 -1.66 0.00	43.82 -1.73 0.00	38.06 -1.06 0.00	36.62 -0.56 0.00
LYONS_FALL_HYD 23570	38.88 0.69 0.00	37.95 0.56 0.00	37.54 0.48 0.00	35.74 0.43 0.00	35.62 0.46 0.00	38.13 0.53 0.00	38.41 0.64 0.00	39.93 0.74 0.00	40.93 0.76 0.00	43.11 0.80 0.00	45.77 0.98 0.00	48.99 1.01 0.00	53.92 0.95 0.00	66.23 1.17 0.00	67.18 1.12 0.00	71.91 1.12 -0.49	77.50 1.29 -0.32	85.40 1.67 -0.01	73.61 1.44 0.00	70.77 1.66 0.00	56.64 1.17 0.00	46.23 0.68 0.00	39.59 0.47 0.00	37.66 0.48 0.00
MADISON___COUNTY_LFGE 323628	39.49 1.30 0.00	38.47 1.08 0.00	38.06 1.00 0.00	36.24 0.92 0.00	36.11 0.95 0.00	38.65 1.05 0.00	38.98 1.21 0.00	40.56 1.37 0.00	41.61 1.45 0.00	43.91 1.61 0.00	46.63 1.84 0.00	50.00 2.02 0.00	54.98 2.01 0.00	67.60 2.54 0.00	68.57 2.51 0.00	73.63 2.53 -0.79	79.07 2.66 -0.52	86.83 3.10 -0.01	74.70 2.53 0.00	71.74 2.63 0.00	57.53 2.05 0.00	47.05 1.50 0.00	40.10 0.98 0.00	38.07 0.89 0.00
MALONE___115KV_TB1 356076	37.20 -0.99 0.00	36.79 -0.60 0.00	36.43 -0.63 0.00	34.79 -0.53 0.00	34.64 -0.53 0.00	37.15 -0.45 0.00	37.32 -0.45 0.00	38.21 -0.98 0.00	39.40 -0.76 0.00	41.12 -1.18 0.00	43.31 -1.48 0.00	46.31 -1.68 0.00	51.17 -1.80 0.00	63.24 -1.82 0.00	64.35 -1.72 0.00	67.70 -2.60 0.00	73.39 -2.50 0.00	79.70 -4.02 0.00	69.79 -2.38 0.00	66.97 -2.14 0.00	53.87 -1.61 0.00	43.73 -1.82 0.00	38.34 -0.78 0.00	37.41 0.22 0.00

MAPLEWOD_115KV_TB3 80458	39.79 1.60 0.00	38.65 1.27 0.00	38.32 1.26 0.00	36.31 1.17 0.18	36.20 1.13 0.08	38.80 1.20 0.00	39.17 1.40 0.00	41.11 1.92 0.00	42.10 1.93 0.00	44.38 2.07 0.00	46.94 2.15 0.00	50.24 2.26 0.00	55.62 2.65 0.00	70.44 3.25 -2.12	89.02 3.30 -19.66	108.11 3.59 -34.22	111.79 3.79 -32.11	132.35 4.27 -44.37	90.60 3.61 -14.82	72.50 3.39 0.00	58.25 2.77 0.00	47.87 2.32 0.00	41.12 2.00 0.00	38.52 1.34 0.00
MAPLE_RIDGE_WT_1 323574	37.54 -0.65 0.00	36.86 -0.52 0.00	36.54 -0.52 0.00	34.82 -0.49 0.00	34.70 -0.46 0.00	37.11 -0.49 0.00	37.28 -0.49 0.00	39.00 -0.19 0.00	40.01 -0.16 0.00	42.18 -0.13 0.00	44.61 -0.18 0.00	47.70 -0.29 0.00	52.65 -0.32 0.00	64.67 -0.39 0.00	65.73 -0.33 0.00	70.23 -0.07 0.00	75.97 0.08 0.00	84.05 0.34 0.00	72.39 0.22 0.00	69.39 0.28 0.00	55.64 0.17 0.00	45.69 0.14 0.00	39.20 0.08 0.00	37.18 0.00 0.00
MAPLE_RIDGE_WT_2 323611	37.54 -0.65 0.00	36.86 -0.52 0.00	36.54 -0.52 0.00	34.82 -0.49 0.00	34.70 -0.46 0.00	37.11 -0.49 0.00	37.28 -0.49 0.00	39.00 -0.19 0.00	40.01 -0.16 0.00	42.18 -0.13 0.00	44.61 -0.18 0.00	47.70 -0.29 0.00	52.65 -0.32 0.00	64.67 -0.39 0.00	65.73 -0.33 0.00	70.23 -0.07 0.00	75.97 0.08 0.00	84.05 0.34 0.00	72.39 0.22 0.00	69.39 0.28 0.00	55.64 0.17 0.00	45.69 0.14 0.00	39.20 0.08 0.00	37.18 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	37.20 -0.99 0.00	36.75 -0.64 0.00	36.39 -0.67 0.00	34.75 -0.57 0.00	34.67 -0.49 0.00	37.11 -0.49 0.00	37.36 -0.41 0.00	38.29 -0.90 0.00	39.17 -1.00 0.00	41.17 -1.14 0.00	43.27 -1.52 0.00	46.30 -1.68 0.00	51.11 -1.86 0.00	63.11 -1.95 0.00	64.21 -1.85 0.00	67.78 -2.53 0.00	73.39 -2.50 0.00	80.04 -3.68 0.00	69.72 -2.45 0.00	66.76 -2.35 0.00	53.70 -1.78 0.00	43.68 -1.87 0.00	38.34 -0.78 0.00	36.92 -0.26 0.00
MARSHVLE_115KV_TB1 80742	42.01 3.82 0.00	40.90 3.51 0.00	40.54 3.48 0.00	38.46 3.25 0.11	38.42 3.31 0.05	41.17 3.57 0.00	42.15 4.38 0.00	44.13 4.94 0.00	45.23 5.06 0.00	47.59 5.29 0.00	50.39 5.60 0.00	54.08 6.09 0.00	59.75 6.78 0.00	76.84 8.85 -2.93	102.30 9.05 -27.19	120.46 8.65 -41.51	125.92 9.41 -40.62	155.72 10.72 -61.29	102.05 9.38 -20.50	77.96 8.85 0.00	63.52 8.04 0.00	51.79 6.24 0.00	44.09 4.97 0.00	41.27 4.09 0.00
MARSH_HILL_WT_PWR 323713	39.95 1.76 0.00	38.62 1.23 0.00	38.06 1.00 0.00	36.38 1.06 0.00	36.36 1.20 0.00	38.84 1.24 0.00	39.24 1.47 0.00	40.45 1.25 0.00	41.89 1.73 0.00	44.08 1.78 0.00	47.03 2.24 0.00	50.34 2.35 0.00	55.46 2.49 0.00	67.55 2.34 -0.15	69.87 2.45 -1.36	75.43 1.27 -3.86	80.07 0.98 -3.19	88.97 2.17 -3.08	75.50 2.31 -1.02	71.88 2.77 0.00	58.03 2.55 0.00	47.60 2.05 0.00	39.98 0.86 0.00	38.30 1.11 0.00
MCINTYRE_115KV_TB2 80467	37.12 -1.07 0.00	36.71 -0.67 0.00	36.32 -0.74 0.00	34.65 -0.67 0.00	34.49 -0.67 0.00	36.96 -0.64 0.00	36.98 -0.79 0.00	37.74 -1.45 0.00	38.72 -1.45 0.00	40.23 -2.07 0.00	42.55 -2.24 0.00	45.63 -2.35 0.00	50.27 -2.70 0.00	62.13 -2.93 0.00	63.16 -2.91 0.00	66.79 -3.52 0.00	72.33 -3.57 0.00	79.20 -4.52 0.00	69.14 -3.03 0.00	66.41 -2.70 0.00	53.26 -2.22 0.00	43.23 -2.32 0.00	37.83 -1.29 0.00	36.74 -0.45 0.00
MECO____69_KV_BK1 80468	42.93 4.74 0.00	41.76 4.37 0.00	41.36 4.30 0.00	39.19 3.99 0.12	39.15 4.04 0.06	41.96 4.36 0.00	42.80 5.02 0.00	44.84 5.64 0.00	45.99 5.82 0.00	48.36 6.05 0.00	51.15 6.36 0.00	54.89 6.91 0.00	60.65 7.68 0.00	78.21 10.21 -2.93	103.75 10.50 -27.19	122.57 10.76 -41.51	128.28 11.76 -40.62	158.32 13.31 -61.29	104.36 11.69 -20.50	80.03 10.92 0.00	65.18 9.71 0.00	52.93 7.38 0.00	44.99 5.87 0.00	42.09 4.91 0.00
MENANDS__115KV_TB5 355628	39.53 1.34 0.00	38.39 1.01 0.00	38.06 1.00 0.00	36.06 0.92 0.18	35.96 0.88 0.08	38.54 0.94 0.00	38.91 1.13 0.00	40.80 1.61 0.00	41.81 1.65 0.00	44.08 1.78 0.00	46.54 1.75 0.00	49.86 1.87 0.00	55.19 2.22 0.00	69.80 2.67 -2.07	87.94 2.71 -19.17	107.09 3.02 -33.76	110.64 3.19 -31.56	130.51 3.52 -43.28	89.66 3.03 -14.45	71.87 2.76 0.00	57.70 2.22 0.00	47.51 1.96 0.00	40.84 1.72 0.00	38.26 1.08 0.00
MG INDUSTRY__DRP 24185	39.87 1.68 0.00	38.80 1.42 0.00	38.51 1.45 0.00	36.55 1.34 0.11	36.41 1.30 0.05	38.95 1.35 0.00	39.21 1.44 0.00	41.03 1.84 0.00	41.98 1.81 0.00	44.25 1.95 0.00	46.58 1.79 0.00	49.04 1.06 0.00	54.24 1.27 0.00	68.21 1.56 -1.59	82.32 1.52 -14.74	97.27 1.62 -25.35	99.23 1.67 -21.67	109.83 1.84 -24.27	84.94 1.66 -11.11	70.63 1.52 0.00	56.81 1.33 0.00	47.55 2.00 0.00	41.04 1.92 0.00	38.52 1.34 0.00
MID__OSWEGATCHIE_HYD 23849	37.24 -0.95 0.00	36.60 -0.79 0.00	36.21 -0.85 0.00	34.51 -0.81 0.00	34.35 -0.81 0.00	36.81 -0.79 0.00	36.98 -0.79 0.00	38.13 -1.06 0.00	39.08 -1.08 0.00	40.87 -1.44 0.00	43.27 -1.52 0.00	46.35 -1.63 0.00	50.96 -2.01 0.00	62.78 -2.28 0.00	63.75 -2.31 0.00	67.93 -2.74 -0.37	73.32 -2.81 -0.24	80.46 -3.26 0.00	69.86 -2.31 0.00	67.17 -1.94 0.00	53.81 -1.66 0.00	43.82 -1.73 0.00	38.06 -1.06 0.00	36.62 -0.56 0.00
MID__RAQUETTE_HYD 23851	36.13 -2.06 0.00	35.70 -1.68 0.00	35.36 -1.70 0.00	33.73 -1.59 0.00	33.58 -1.58 0.00	35.98 -1.62 0.00	36.00 -1.78 0.00	36.84 -2.35 0.00	37.80 -2.37 0.00	39.26 -3.05 0.00	41.52 -3.27 0.00	44.43 -3.55 0.00	49.00 -3.97 0.00	60.57 -4.49 0.00	61.50 -4.56 0.00	65.10 -5.20 0.00	70.50 -5.39 0.00	77.02 -6.70 0.00	67.19 -4.98 0.00	64.48 -4.63 0.00	51.76 -3.72 0.00	42.09 -3.46 0.00	37.09 -2.03 0.00	35.99 -1.19 0.00
MILLIKEN__1 23584	39.53 1.34 0.00	38.43 1.05 0.00	37.99 0.93 0.00	36.20 0.88 0.00	36.11 0.95 0.00	38.62 1.02 0.00	39.02 1.25 0.00	40.64 1.45 0.00	41.77 1.61 0.00	44.08 1.78 0.00	46.76 1.97 0.00	50.10 2.11 0.00	55.14 2.17 0.00	67.94 2.73 -0.14	70.17 2.77 -1.33	76.84 2.74 -3.79	81.83 2.81 -3.13	90.43 3.68 -3.03	76.28 3.10 -1.00	72.22 3.11 0.00	58.03 2.55 0.00	47.51 1.96 0.00	40.33 1.21 0.00	38.19 1.00 0.00
MILLIKEN__2 23585	39.53 1.34 0.00	38.43 1.05 0.00	37.99 0.93 0.00	36.20 0.88 0.00	36.11 0.95 0.00	38.62 1.02 0.00	39.02 1.25 0.00	40.64 1.45 0.00	41.77 1.61 0.00	44.08 1.78 0.00	46.76 1.97 0.00	50.10 2.11 0.00	55.14 2.17 0.00	67.94 2.73 -0.14	70.17 2.77 -1.33	76.84 2.74 -3.79	81.83 2.81 -3.13	90.43 3.68 -3.03	76.28 3.10 -1.00	72.22 3.11 0.00	58.03 2.55 0.00	47.51 1.96 0.00	40.33 1.21 0.00	38.19 1.00 0.00
MILLIKEN__DIESEL 23629	39.53 1.34 0.00	38.43 1.05 0.00	37.99 0.93 0.00	36.20 0.88 0.00	36.11 0.95 0.00	38.62 1.02 0.00	39.02 1.25 0.00	40.64 1.45 0.00	41.77 1.61 0.00	44.08 1.78 0.00	46.76 1.97 0.00	50.10 2.11 0.00	55.14 2.17 0.00	67.94 2.73 -0.14	70.17 2.77 -1.33	76.84 2.74 -3.79	81.83 2.81 -3.13	90.43 3.68 -3.03	76.28 3.10 -1.00	72.22 3.11 0.00	58.03 2.55 0.00	47.51 1.96 0.00	40.33 1.21 0.00	38.19 1.00 0.00

MILLSEAT___LFGE 323607	39.22 1.03 0.00	37.91 0.52 0.00	37.21 0.15 0.00	35.60 0.28 0.00	35.55 0.39 0.00	37.94 0.34 0.00	38.30 0.53 0.00	39.00 -0.19 0.00	40.29 0.12 0.00	42.26 -0.04 0.00	45.19 0.40 0.00	48.61 0.62 0.00	53.71 0.74 0.00	64.96 -0.19 -0.10	66.71 -0.26 -0.91	71.52 -1.48 -2.69	75.74 -2.35 -2.20	83.60 -2.18 -2.06	71.70 -1.16 -0.68	69.11 0.00 0.00	56.09 0.61 0.00	45.78 0.23 0.00	38.77 -0.35 0.00	37.18 0.00 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.60 2.41 0.00	39.22 1.83 0.00	38.91 1.85 0.00	37.27 1.80 -0.15	36.88 1.65 -0.07	39.29 1.69 0.00	39.70 1.93 0.00	41.97 2.78 0.00	42.98 2.81 0.00	45.39 3.09 0.00	48.06 3.27 0.00	51.44 3.45 0.00	57.05 4.08 0.00	70.59 4.68 -0.84	78.77 4.89 -7.82	96.40 6.19 -19.91	99.36 6.60 -16.87	108.82 7.37 -17.74	83.84 5.77 -5.90	74.09 4.98 0.00	59.14 3.66 0.00	48.97 3.42 0.00	42.09 2.97 0.00	39.30 2.12 0.00
MILLWOOD_13_KV_LOAD 356217	40.75 2.56 0.00	39.37 1.98 0.00	39.06 2.00 0.00	37.41 1.94 -0.15	37.02 1.79 -0.07	39.44 1.84 0.00	39.89 2.12 0.00	42.17 2.98 0.00	43.22 3.05 0.00	45.65 3.34 0.00	48.37 3.58 0.00	51.73 3.74 0.00	57.42 4.45 0.00	71.04 5.14 -0.84	79.23 5.35 -7.82	96.89 6.68 -19.91	99.89 7.13 -16.87	109.41 7.95 -17.74	84.28 6.21 -5.90	74.50 5.39 0.00	59.42 3.94 0.00	49.19 3.64 0.00	42.25 3.13 0.00	39.45 2.27 0.00
MODEL_CITY_ENERGY 24167	38.31 0.11 0.00	37.05 -0.34 0.00	36.39 -0.67 0.00	34.86 -0.46 0.00	34.81 -0.35 0.00	37.11 -0.49 0.00	37.43 -0.34 0.00	37.90 -1.29 0.00	39.20 -0.96 0.00	41.08 -1.23 0.00	43.99 -0.80 0.00	47.22 -0.77 0.00	52.23 -0.74 0.00	62.95 -2.21 -0.10	64.78 -2.25 -0.96	69.56 -3.58 -2.84	73.59 -4.63 -2.33	81.14 -4.77 -2.19	69.65 -3.25 -0.73	66.90 -2.21 0.00	54.37 -1.11 0.00	44.55 -1.00 0.00	37.71 -1.41 0.00	36.33 -0.85 0.00
MODERN_LFGE___ 323580	38.31 0.11 0.00	37.05 -0.34 0.00	36.39 -0.67 0.00	34.86 -0.46 0.00	34.81 -0.35 0.00	37.11 -0.49 0.00	37.43 -0.34 0.00	37.90 -1.29 0.00	39.20 -0.96 0.00	41.08 -1.23 0.00	43.99 -0.80 0.00	47.22 -0.77 0.00	52.23 -0.74 0.00	62.95 -2.21 -0.10	64.78 -2.25 -0.96	69.56 -3.58 -2.84	73.59 -4.63 -2.33	81.14 -4.77 -2.19	69.65 -3.25 -0.73	66.90 -2.21 0.00	54.37 -1.11 0.00	44.55 -1.00 0.00	37.71 -1.41 0.00	36.33 -0.85 0.00
MOHAWK_PAPER___DRP 24187	39.79 1.60 0.00	38.65 1.27 0.00	38.32 1.26 0.00	36.31 1.17 0.18	36.20 1.13 0.08	38.80 1.20 0.00	39.17 1.40 0.00	41.11 1.92 0.00	42.10 1.93 0.00	44.38 2.07 0.00	46.94 2.15 0.00	50.24 2.26 0.00	55.62 2.65 0.00	70.44 3.25 -2.12	89.02 3.30 -19.66	108.11 3.59 -34.22	111.79 3.79 -32.11	132.35 4.27 -44.37	90.60 3.61 -14.82	72.50 3.39 0.00	58.25 2.77 0.00	47.87 2.32 0.00	41.12 2.00 0.00	38.52 1.34 0.00
MOHICAN___35_KV_115KV_LD 80490	41.59 3.40 0.00	40.34 2.95 0.00	39.95 2.89 0.00	37.79 2.65 0.18	37.79 2.71 0.08	40.46 2.86 0.00	40.91 3.14 0.00	42.88 3.68 0.00	43.98 3.82 0.00	46.45 4.15 0.00	49.27 4.48 0.00	52.93 4.94 0.00	58.05 5.08 0.00	74.45 6.64 -2.75	98.18 6.61 -25.51	116.35 6.19 -39.85	121.20 6.60 -38.71	148.53 7.28 -57.53	97.69 6.28 -19.24	74.98 5.87 0.00	60.86 5.38 0.00	50.01 4.46 0.00	42.64 3.52 0.00	39.93 2.75 0.00
MONGAUP___HYD 23641	40.21 2.02 0.00	38.95 1.57 0.00	38.62 1.56 0.00	36.92 1.48 -0.12	36.62 1.41 -0.05	39.06 1.46 0.00	39.47 1.70 0.00	41.50 2.31 0.00	42.46 2.29 0.00	44.72 2.41 0.00	47.25 2.46 0.00	50.00 2.01 0.00	55.35 2.39 0.00	68.09 2.28 -0.75	75.60 2.57 -6.96	91.54 3.44 -17.79	94.90 3.94 -15.06	104.11 4.60 -15.79	81.10 3.68 -5.25	72.22 3.11 0.00	58.14 2.66 0.00	48.28 2.73 0.00	41.63 2.51 0.00	39.08 1.90 0.00
MONTAUK___DIESEL 23721	52.87 6.53 -8.15	47.70 5.76 -4.56	45.72 5.74 -2.91	41.02 5.54 -0.16	40.66 5.42 -0.08	43.35 5.68 -0.07	46.86 5.97 -3.12	53.23 7.09 -6.94	50.07 7.27 -2.64	63.48 8.00 -13.18	80.24 7.79 -27.66	154.98 8.25 -98.74	162.45 9.69 -99.79	518.66 11.71 -441.88	357.30 12.42 -278.82	327.25 13.43 -243.52	312.82 14.04 -222.88	359.47 15.07 -260.69	322.23 12.20 -237.86	312.04 10.85 -232.08	330.10 9.04 -265.58	188.18 8.38 -134.25	51.29 6.92 -5.24	48.81 6.17 -5.45
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.37 2.18 0.00	39.03 1.64 0.00	38.36 1.30 0.00	36.52 1.20 0.00	36.60 1.44 0.00	39.18 1.58 0.00	39.62 1.85 0.00	40.52 1.33 0.00	41.85 1.69 0.00	44.04 1.73 0.00	47.03 2.24 0.00	50.53 2.54 0.00	55.30 2.33 0.00	67.46 2.28 -0.12	69.79 2.58 -1.15	74.20 0.56 -3.34	78.64 0.00 -2.75	87.85 1.51 -2.62	74.92 1.88 -0.87	71.60 2.49 0.00	58.08 2.61 0.00	47.51 1.96 0.00	40.22 1.10 0.00	38.56 1.38 0.00
MORTIMER_115KV_TB3 55949	38.95 0.76 0.00	37.76 0.37 0.00	37.17 0.11 0.00	35.42 0.11 0.00	35.37 0.21 0.00	37.86 0.26 0.00	38.19 0.42 0.00	39.19 0.00 0.00	40.37 0.20 0.00	42.56 0.25 0.00	45.37 0.58 0.00	48.85 0.86 0.00	53.44 0.48 0.00	65.66 0.52 -0.08	67.27 0.46 -0.74	72.49 -0.07 -2.26	77.13 -0.61 -1.84	84.81 -0.59 -1.68	72.37 -0.36 -0.56	69.66 0.55 0.00	56.25 0.78 0.00	46.01 0.46 0.00	39.04 -0.08 0.00	37.26 0.07 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.86 2.67 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.52 1.92 0.00	39.89 2.12 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.69 3.38 0.00	48.42 3.63 0.00	51.73 3.74 0.00	57.42 4.45 0.00	70.99 5.07 -0.85	79.36 5.42 -7.88	97.19 6.82 -20.07	100.25 7.36 -17.00	109.72 8.12 -17.88	84.47 6.35 -5.94	74.57 5.46 0.00	59.42 3.94 0.00	49.29 3.74 0.00	42.45 3.33 0.00	39.60 2.42 0.00
MUNSVILLE_WIND_PWR 323609	42.16 3.97 0.00	40.82 3.44 0.00	40.28 3.22 0.00	38.32 3.00 0.00	38.22 3.06 0.00	40.99 3.39 0.00	41.48 3.70 0.00	43.43 4.23 0.00	44.47 4.30 0.00	47.08 4.78 0.00	50.21 5.42 0.00	53.79 5.80 0.00	59.06 6.09 0.00	72.59 7.29 -0.24	75.72 7.40 -2.26	84.23 7.73 -6.19	89.17 8.12 -5.16	98.88 10.04 -5.12	82.67 8.80 -1.70	78.23 9.12 0.00	62.58 7.10 0.00	50.70 5.15 0.00	42.80 3.68 0.00	40.64 3.46 0.00
N SALMON___HYD 24042	37.16 -1.03 0.00	36.78 -0.60 0.00	36.43 -0.63 0.00	34.75 -0.57 0.00	34.64 -0.53 0.00	37.15 -0.45 0.00	37.32 -0.45 0.00	38.21 -0.98 0.00	39.17 -1.00 0.00	41.12 -1.18 0.00	43.27 -1.52 0.00	46.30 -1.68 0.00	51.11 -1.86 0.00	63.24 -1.82 0.00	64.34 -1.72 0.00	67.70 -2.60 0.00	73.39 -2.50 0.00	79.87 -3.85 0.00	69.79 -2.38 0.00	66.97 -2.14 0.00	53.87 -1.61 0.00	43.73 -1.82 0.00	38.30 -0.82 0.00	36.96 -0.22 0.00
N.AKRON___115KV_KNAPP 355671	39.18 0.99 0.00	37.87 0.49 0.00	37.21 0.15 0.00	35.42 0.11 0.00	35.48 0.32 0.00	37.90 0.30 0.00	38.30 0.53 0.00	38.96 -0.24 0.00	40.13 -0.04 0.00	42.22 -0.08 0.00	45.10 0.31 0.00	48.56 0.58 0.00	53.02 0.05 0.00	64.83 -0.33 -0.10	66.65 -0.33 -0.91	71.40 -1.62 -2.71	75.69 -2.43 -2.22	83.70 -2.09 -2.08	71.56 -1.30 -0.69	69.04 -0.07 0.00	55.98 0.50 0.00	45.73 0.18 0.00	38.73 -0.39 0.00	37.22 0.04 0.00

N.BELMOR_69_KV_BK1 55787	45.79 3.44 -4.17	44.69 2.80 -4.50	42.73 2.82 -2.85	38.26 2.79 -0.15	37.90 2.67 -0.07	40.37 2.71 -0.06	41.63 2.95 -0.91	43.68 3.88 -0.61	44.14 3.98 0.00	46.62 4.32 0.00	48.69 3.90 0.00	51.78 3.79 0.00	57.58 4.61 0.00	71.31 5.40 -0.85	79.96 6.01 -7.89	98.11 7.73 -20.07	100.94 8.04 -17.01	110.31 8.71 -17.89	84.69 6.57 -5.95	74.57 5.46 0.00	59.42 3.94 0.00	49.83 4.28 0.00	42.76 3.64 0.00	40.16 2.97 0.00
N.E_GEN_SANDY PD 24062	39.87 1.68 0.00	38.62 1.23 0.00	38.21 1.15 0.00	35.17 1.06 1.21	35.58 0.98 0.56	38.69 1.09 0.00	39.13 1.36 0.00	41.19 2.00 0.00	42.22 2.05 0.00	44.50 2.20 0.00	47.03 2.24 0.00	50.38 2.40 0.00	55.72 2.75 0.00	69.69 3.38 -1.25	81.19 3.56 -11.57	99.86 4.22 -25.34	102.64 4.48 -22.27	115.00 5.11 -26.18	85.08 4.18 -8.72	72.84 3.73 0.00	58.82 2.83 -0.52	47.53 2.50 0.52	41.23 2.11 0.00	38.67 1.49 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.48 2.29 0.00	39.10 1.72 0.00	38.80 1.74 0.00	37.15 1.70 -0.13	36.77 1.55 -0.06	39.18 1.58 0.00	39.59 1.81 0.00	41.82 2.63 0.00	42.82 2.65 0.00	45.22 2.92 0.00	47.88 3.09 0.00	51.25 3.26 0.00	56.83 3.87 0.00	70.23 4.36 -0.81	78.19 4.62 -7.50	95.27 5.84 -19.13	98.40 6.30 -16.20	107.69 6.95 -17.02	83.32 5.49 -5.66	73.81 4.70 0.00	58.92 3.44 0.00	48.78 3.23 0.00	41.94 2.82 0.00	39.19 2.01 0.00
N.QUEENS_27_KV_LOAD 356247	40.94 2.75 0.00	39.29 1.91 0.00	39.06 2.00 0.00	37.27 1.80 -0.15	36.85 1.62 -0.07	39.18 1.58 0.00	39.51 1.74 0.00	41.97 2.78 0.00	43.02 2.85 0.00	45.44 3.13 0.00	48.06 3.27 0.00	51.48 3.50 0.01	57.41 4.45 0.01	70.98 5.07 -0.84	79.29 5.35 -7.88	97.25 6.89 -20.06	100.40 7.51 -16.99	109.88 8.29 -17.87	84.39 6.28 -5.94	74.56 5.46 0.01	59.46 3.99 0.01	48.87 3.33 0.01	42.37 3.25 0.00	39.60 2.42 0.00
N.TROY___115KV_TB1 355778	40.10 1.91 0.00	38.92 1.53 0.00	38.54 1.48 0.00	36.47 1.38 0.23	36.39 1.34 0.11	39.07 1.47 0.00	39.47 1.70 0.00	41.39 2.19 0.00	42.42 2.25 0.00	44.67 2.37 0.00	47.30 2.51 0.00	50.67 2.69 0.00	56.04 3.07 0.00	71.27 3.77 -2.44	92.55 3.90 -22.59	111.44 4.15 -36.99	115.67 4.40 -35.38	139.71 5.02 -50.97	93.54 4.33 -17.04	73.12 4.01 0.00	58.75 3.27 0.00	48.24 2.69 0.00	41.35 2.23 0.00	38.74 1.56 0.00
NARROWS_GT1_1 24228	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NARROWS_GT1_2 24229	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NARROWS_GT1_3 24230	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NARROWS_GT1_4 24231	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NARROWS_GT1_5 24232	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NARROWS_GT1_6 24233	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NARROWS_GT1_7 24234	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NARROWS_GT1_8 24235	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NARROWS_GT2_1 24236	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NARROWS_GT2_2 24237	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00

NARROWS_GT2_3 24238	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NARROWS_GT2_4 24239	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NARROWS_GT2_5 24240	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NARROWS_GT2_6 24241	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NARROWS_GT2_7 24242	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NARROWS_GT2_8 24243	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.93 7.74 -29.29	117.78 8.54 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.83 2.64 0.00	39.66 2.28 0.00	39.28 2.22 0.00	37.36 2.12 0.08	37.24 2.11 0.04	39.78 2.18 0.00	40.15 2.38 0.00	41.94 2.74 0.00	42.74 2.57 0.00	44.97 2.67 0.00	47.30 2.51 0.00	50.48 2.50 0.00	55.93 2.97 0.00	69.81 3.25 -1.50	83.18 3.24 -13.88	96.62 3.44 -22.87	98.93 3.95 -19.09	108.18 4.35 -20.11	86.61 3.97 -10.46	73.32 4.22 0.00	58.92 3.44 0.00	48.69 3.14 0.00	41.98 2.86 0.00	39.30 2.12 0.00
NCHELSEA_115KV_TR2 355582	40.71 2.52 0.00	39.40 2.02 0.00	39.02 1.96 0.00	37.34 1.91 -0.11	36.97 1.76 -0.05	39.44 1.84 0.00	39.85 2.08 0.00	41.97 2.78 0.00	42.94 2.77 0.00	45.35 3.05 0.00	48.06 3.27 0.00	51.44 3.45 0.00	57.10 4.13 0.00	70.61 4.68 -0.86	78.86 4.82 -7.97	96.45 5.98 -20.17	99.46 6.45 -17.11	108.99 7.20 -18.07	83.96 5.77 -6.01	74.36 5.25 0.00	59.53 4.05 0.00	49.24 3.69 0.00	42.25 3.13 0.00	39.49 2.31 0.00
NEG CAPITAL___MECHNVIL 23645	41.02 2.83 0.00	39.81 2.43 0.00	39.43 2.37 0.00	37.31 2.19 0.20	37.25 2.18 0.09	39.93 2.33 0.00	40.34 2.57 0.00	42.29 3.10 0.00	43.34 3.17 0.00	45.69 3.39 0.00	48.42 3.63 0.00	51.97 3.98 0.00	57.31 4.34 0.00	73.32 5.60 -2.66	96.40 5.68 -24.65	115.14 5.83 -39.00	119.84 6.22 -37.72	146.26 6.94 -55.59	96.75 5.99 -18.59	74.64 5.53 0.00	60.19 4.71 0.00	49.38 3.83 0.00	42.21 3.09 0.00	39.67 2.49 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.23 0.04 0.00	37.08 -0.30 0.00	36.54 -0.52 0.00	34.90 -0.42 0.00	34.81 -0.35 0.00	37.22 -0.38 0.00	37.55 -0.23 0.00	38.76 -0.43 0.00	40.01 -0.16 0.00	42.18 -0.13 0.00	45.02 0.23 0.00	48.32 0.34 0.00	53.34 0.37 0.00	65.20 0.07 -0.08	66.71 -0.07 -0.72	72.08 -0.42 -2.19	76.77 -0.91 -1.79	84.34 -1.00 -1.63	71.99 -0.72 -0.54	69.11 0.00 0.00	55.64 0.17 0.00	45.46 -0.09 0.00	38.65 -0.47 0.00	36.66 -0.52 0.00
NEG CENTRAL___DRP 24199	38.88 0.69 0.00	37.83 0.45 0.00	37.39 0.33 0.00	35.64 0.32 0.00	35.58 0.42 0.00	37.98 0.38 0.00	38.38 0.60 0.00	39.86 0.67 0.00	41.05 0.88 0.00	43.32 1.02 0.00	46.00 1.21 0.00	49.38 1.39 0.00	54.24 1.27 0.00	66.71 1.56 -0.09	68.45 1.59 -0.80	73.98 1.27 -2.41	79.00 1.14 -1.97	87.29 1.76 -1.82	74.29 1.52 -0.60	70.77 1.66 0.00	56.92 1.44 0.00	46.64 1.09 0.00	39.55 0.43 0.00	37.59 0.41 0.00
NEG CENTRAL___INDECK 23768	39.64 1.45 0.00	38.35 0.97 0.00	37.69 0.63 0.00	36.02 0.71 0.00	35.97 0.81 0.00	38.50 0.90 0.00	38.91 1.13 0.00	40.09 0.90 0.00	41.37 1.20 0.00	43.36 1.06 0.00	46.27 1.48 0.00	49.52 1.54 0.00	53.29 0.32 0.00	64.92 -0.26 -0.12	66.98 -0.20 -1.11	72.12 -1.41 -3.22	76.80 -1.74 -2.65	85.07 -1.17 -2.53	72.51 -0.50 -0.84	69.94 0.83 0.00	56.53 1.05 0.00	47.24 1.69 0.00	39.79 0.66 0.00	37.89 0.70 0.00
NEG CENTRAL___SENECA 23627	39.07 0.88 0.00	37.98 0.60 0.00	37.54 0.48 0.00	35.78 0.46 0.00	35.76 0.60 0.00	38.09 0.49 0.00	38.53 0.76 0.00	39.94 0.74 0.00	41.17 1.00 0.00	43.45 1.14 0.00	46.18 1.39 0.00	49.57 1.58 0.00	54.45 1.48 0.00	66.98 1.82 -0.10	68.82 1.85 -0.90	74.32 1.34 -2.68	79.30 1.21 -2.20	87.70 1.93 -2.05	74.59 1.73 -0.68	71.04 1.94 0.00	57.25 1.78 0.00	46.78 1.23 0.00	39.59 0.47 0.00	37.70 0.52 0.00
NEG CENTRAL___STATE_STREET 24147	39.30 1.11 0.00	38.21 0.82 0.00	37.76 0.70 0.00	35.99 0.67 0.00	35.90 0.74 0.00	38.39 0.79 0.00	38.83 1.06 0.00	40.41 1.21 0.00	41.61 1.45 0.00	44.00 1.69 0.00	46.67 1.88 0.00	50.05 2.06 0.00	55.03 2.07 0.00	67.81 2.67 -0.08	69.49 2.64 -0.78	75.20 2.53 -2.36	80.40 2.58 -1.93	88.76 3.26 -1.78	75.50 2.74 -0.59	71.74 2.63 0.00	57.70 2.22 0.00	47.28 1.73 0.00	40.10 0.98 0.00	38.00 0.82 0.00
NEG MILLWOOD___DRP 24198	41.13 2.94 0.00	39.78 2.39 0.00	39.36 2.30 0.00	37.67 2.23 -0.13	37.30 2.07 -0.06	39.74 2.14 0.00	40.30 2.53 0.00	42.52 3.33 0.00	43.66 3.49 0.00	46.11 3.81 0.00	48.91 4.12 0.00	52.40 4.41 0.00	58.16 5.19 0.00	72.04 6.12 -0.87	80.38 6.28 -8.04	98.22 7.52 -20.40	101.31 8.12 -17.29	110.91 8.96 -18.24	85.38 7.15 -6.06	75.40 6.29 0.00	60.14 4.66 0.00	49.79 4.24 0.00	42.64 3.52 0.00	39.82 2.64 0.00

NEG NORTH_FLCN_SEA 23793	37.39 -0.80 0.00	36.97 -0.41 0.00	36.62 -0.44 0.00	35.00 -0.32 0.00	34.88 -0.28 0.00	37.37 -0.23 0.00	37.62 -0.15 0.00	38.53 -0.67 0.00	39.77 -0.40 0.00	41.29 -1.02 0.00	43.31 -1.48 0.00	46.31 -1.68 0.00	51.17 -1.80 0.00	63.17 -1.89 0.00	64.35 -1.72 0.00	67.70 -2.60 0.00	73.39 -2.50 0.00	79.70 -4.02 0.00	69.72 -2.45 0.00	66.83 -2.28 0.00	53.76 -1.72 0.00	43.68 -1.87 0.00	38.57 -0.55 0.00	37.96 0.78 0.00
NEG NORTH_KES_CHATEGAY 23792	37.20 -0.99 0.00	36.79 -0.60 0.00	36.43 -0.63 0.00	34.82 -0.49 0.00	34.67 -0.49 0.00	37.15 -0.45 0.00	37.40 -0.38 0.00	38.29 -0.90 0.00	39.48 -0.68 0.00	41.21 -1.10 0.00	43.31 -1.48 0.00	46.35 -1.63 0.00	51.22 -1.75 0.00	63.24 -1.82 0.00	64.35 -1.72 0.00	67.84 -2.46 0.00	73.54 -2.35 0.00	79.95 -3.77 0.00	69.86 -2.31 0.00	66.90 -2.21 0.00	53.87 -1.61 0.00	43.77 -1.78 0.00	38.38 -0.74 0.00	37.48 0.30 0.00
NEG NORTH___ALICE_FALLS 23915	37.50 -0.69 0.00	37.08 -0.30 0.00	36.69 -0.37 0.00	35.11 -0.21 0.00	34.95 -0.21 0.00	37.49 -0.11 0.00	37.70 -0.08 0.00	38.64 -0.55 0.00	39.89 -0.28 0.00	41.50 -0.80 0.00	43.58 -1.21 0.00	46.59 -1.39 0.00	51.48 -1.48 0.00	63.63 -1.43 0.00	64.81 -1.26 0.00	68.12 -2.18 0.00	73.84 -2.05 0.00	80.12 -3.60 0.00	70.15 -2.02 0.00	67.31 -1.80 0.00	54.20 -1.28 0.00	44.00 -1.55 0.00	38.69 -0.43 0.00	37.96 0.78 0.00
NEG NORTH___LWR_SARANAC 23913	37.50 -0.69 0.00	37.08 -0.30 0.00	36.69 -0.37 0.00	35.11 -0.21 0.00	34.95 -0.21 0.00	37.49 -0.11 0.00	37.70 -0.08 0.00	38.64 -0.55 0.00	39.89 -0.28 0.00	41.50 -0.80 0.00	43.58 -1.21 0.00	46.59 -1.39 0.00	51.48 -1.48 0.00	63.63 -1.43 0.00	64.81 -1.26 0.00	68.12 -2.18 0.00	73.84 -2.05 0.00	80.12 -3.60 0.00	70.15 -2.02 0.00	67.31 -1.80 0.00	54.20 -1.28 0.00	44.00 -1.55 0.00	38.69 -0.43 0.00	37.96 0.78 0.00
NEG NORTH___PLATTSBURG 23628	37.50 -0.69 0.00	37.08 -0.30 0.00	36.69 -0.37 0.00	35.07 -0.25 0.00	34.95 -0.21 0.00	37.49 -0.11 0.00	37.70 -0.08 0.00	38.64 -0.55 0.00	39.48 -0.68 0.00	41.50 -0.81 0.00	43.58 -1.21 0.00	46.59 -1.39 0.00	51.43 -1.54 0.00	63.63 -1.43 0.00	64.81 -1.26 0.00	68.12 -2.18 0.00	73.85 -2.05 0.00	80.28 -3.44 0.00	70.15 -2.02 0.00	67.31 -1.80 0.00	54.20 -1.27 0.00	44.00 -1.55 0.00	38.69 -0.43 0.00	37.26 0.07 0.00
NEG WEST_LEA_LOCKPORT 23791	38.46 0.27 0.00	37.16 -0.22 0.00	36.54 -0.52 0.00	34.79 -0.53 0.00	34.85 -0.32 0.00	37.22 -0.38 0.00	37.58 -0.19 0.00	38.09 -1.10 0.00	39.24 -0.92 0.00	41.29 -1.02 0.00	44.07 -0.72 0.00	47.41 -0.58 0.00	51.75 -1.22 0.00	63.15 -2.02 -0.10	65.03 -1.98 -0.95	69.73 -3.37 -2.80	73.79 -4.40 -2.30	81.61 -4.27 -2.16	69.78 -3.10 -0.72	67.17 -1.94 0.00	54.59 -0.89 0.00	44.68 -0.87 0.00	37.91 -1.21 0.00	36.51 -0.67 0.00
NEG WEST___LANCASTR 23811	39.22 1.03 0.00	37.91 0.52 0.00	37.32 0.26 0.00	35.49 0.18 0.00	35.55 0.39 0.00	37.98 0.38 0.00	38.45 0.68 0.00	39.23 0.04 0.00	40.45 0.28 0.00	42.56 0.25 0.00	45.46 0.67 0.00	48.85 0.86 0.00	53.50 0.53 0.00	65.31 0.13 -0.12	67.47 0.26 -1.14	70.51 -3.09 -3.30	74.74 -3.87 -2.72	84.97 -1.34 -2.60	72.60 -0.43 -0.86	69.32 0.21 0.00	56.20 0.72 0.00	46.01 0.46 0.00	39.00 -0.12 0.00	37.41 0.22 0.00
NEG_PENN_ALLEGHNY 23528	39.34 1.14 0.00	38.21 0.82 0.00	37.80 0.74 0.00	36.06 0.74 0.00	35.94 0.77 0.00	38.43 0.83 0.00	38.72 0.94 0.00	40.29 1.10 0.00	41.41 1.25 0.00	43.66 1.35 0.00	46.40 1.61 0.00	49.66 1.68 0.00	54.87 1.90 0.00	67.32 2.02 -0.24	70.40 2.11 -2.22	78.09 1.68 -6.11	82.73 1.75 -5.09	91.20 2.43 -5.05	76.01 2.16 -1.68	71.32 2.21 0.00	57.36 1.89 0.00	47.05 1.50 0.00	39.98 0.86 0.00	37.96 0.78 0.00
NEG___GEN_MONROE 24207	39.15 0.95 0.00	37.94 0.56 0.00	37.28 0.22 0.00	35.49 0.18 0.00	35.48 0.32 0.00	37.98 0.38 0.00	38.26 0.49 0.00	39.19 0.00 0.00	40.33 0.16 0.00	42.52 0.21 0.00	45.33 0.54 0.00	48.80 0.82 0.00	53.39 0.42 0.00	65.53 0.39 -0.08	67.08 0.26 -0.75	72.03 -0.56 -2.28	76.62 -1.14 -1.86	84.33 -1.09 -1.70	72.09 -0.65 -0.56	69.52 0.41 0.00	56.20 0.72 0.00	46.01 0.46 0.00	39.00 -0.12 0.00	37.33 0.15 0.00
NEPA___ENERGY 23901	39.72 1.53 0.00	38.36 0.97 0.00	37.76 0.70 0.00	35.95 0.64 0.00	36.01 0.84 0.00	38.46 0.86 0.00	38.83 1.06 0.00	39.74 0.55 0.00	40.93 0.76 0.00	43.11 0.80 0.00	46.04 1.25 0.00	49.47 1.49 0.00	54.24 1.27 0.00	66.16 0.98 -0.13	68.43 1.19 -1.18	72.99 -0.70 -3.39	77.47 -1.21 -2.79	86.39 0.00 -2.67	73.64 0.58 -0.89	70.15 1.04 0.00	56.92 1.44 0.00	46.60 1.05 0.00	39.55 0.43 0.00	37.81 0.63 0.00
NEVERSINK___HYD 23608	40.21 2.02 0.00	38.92 1.53 0.00	38.58 1.52 0.00	36.84 1.45 -0.07	36.57 1.37 -0.03	39.03 1.43 0.00	39.43 1.66 0.00	41.46 2.27 0.00	42.38 2.21 0.00	44.72 2.41 0.00	46.13 1.34 0.00	49.47 1.49 0.00	54.77 1.80 0.00	67.78 1.95 -0.77	75.34 2.11 -7.17	90.57 3.17 -17.10	93.80 3.49 -14.42	102.77 4.02 -15.03	80.68 3.10 -5.40	71.73 2.63 0.00	57.25 1.77 0.00	47.33 1.77 0.00	41.55 2.43 0.00	39.04 1.86 0.00
NEWKRMKL_115KV_TB1 55635	39.34 1.15 0.00	38.24 0.86 0.00	37.91 0.85 0.00	35.93 0.78 0.16	35.83 0.74 0.08	38.39 0.79 0.00	38.72 0.94 0.00	40.64 1.45 0.00	41.61 1.45 0.00	43.87 1.57 0.00	46.31 1.52 0.00	49.62 1.63 0.00	54.93 1.96 0.00	69.43 2.34 -2.02	87.19 2.38 -18.75	106.37 2.67 -33.39	109.74 2.73 -31.11	129.15 3.10 -42.34	88.91 2.60 -14.14	71.46 2.35 0.00	57.42 1.94 0.00	47.24 1.69 0.00	40.65 1.53 0.00	38.11 0.93 0.00
NEWTON___FALLS_HYD 23847	37.24 -0.95 0.00	36.60 -0.79 0.00	36.21 -0.85 0.00	34.51 -0.81 0.00	34.35 -0.81 0.00	36.81 -0.79 0.00	36.98 -0.79 0.00	38.13 -1.06 0.00	39.08 -1.08 0.00	40.87 -1.44 0.00	43.27 -1.52 0.00	46.35 -1.63 0.00	50.96 -2.01 0.00	62.78 -2.28 0.00	63.75 -2.31 0.00	67.93 -2.74 -0.37	73.32 -2.81 -0.24	80.46 -3.26 0.00	69.86 -2.31 0.00	67.17 -1.94 0.00	53.81 -1.66 0.00	43.82 -1.73 0.00	38.06 -1.06 0.00	36.62 -0.56 0.00
NGRID_A1_DSASP 323792	37.92 -0.27 0.00	36.71 -0.67 0.00	36.10 -0.96 0.00	34.54 -0.78 0.00	34.49 -0.67 0.00	36.77 -0.83 0.00	37.05 -0.72 0.00	37.47 -1.72 0.00	38.72 -1.44 0.00	40.57 -1.74 0.00	43.45 -1.34 0.00	46.59 -1.39 0.00	51.59 -1.38 0.00	62.17 -2.99 -0.10	64.06 -2.97 -0.97	68.74 -4.43 -2.86	72.77 -5.47 -2.35	79.98 -5.94 -2.21	68.72 -4.19 -0.73	66.07 -3.04 0.00	53.65 -1.83 0.00	44.00 -1.55 0.00	37.36 -1.76 0.00	35.96 -1.23 0.00
NGRID_A2_DSASP 323793	37.92 -0.27 0.00	36.71 -0.67 0.00	36.10 -0.96 0.00	34.54 -0.78 0.00	34.49 -0.67 0.00	36.77 -0.83 0.00	37.05 -0.72 0.00	37.47 -1.72 0.00	38.72 -1.44 0.00	40.57 -1.74 0.00	43.45 -1.34 0.00	46.59 -1.39 0.00	51.59 -1.38 0.00	62.17 -2.99 -0.10	64.06 -2.97 -0.97	68.74 -4.43 -2.86	72.77 -5.47 -2.35	79.98 -5.94 -2.21	68.72 -4.19 -0.73	66.07 -3.04 0.00	53.65 -1.83 0.00	44.00 -1.55 0.00	37.36 -1.76 0.00	35.96 -1.23 0.00

NGRID_A4_DSASP 323807	37.92 -0.27 0.00	36.71 -0.67 0.00	36.10 -0.96 0.00	34.36 -0.95 0.00	34.42 -0.74 0.00	36.74 -0.86 0.00	37.09 -0.68 0.00	37.47 -1.72 0.00	38.60 -1.57 0.00	40.57 -1.73 0.00	43.36 -1.43 0.00	46.59 -1.39 0.00	50.85 -2.12 0.00	62.17 -2.99 -0.10	64.06 -2.97 -0.97	68.73 -4.43 -2.86	72.78 -5.46 -2.35	80.15 -5.78 -2.21	68.72 -4.19 -0.73	66.14 -2.97 0.00	53.65 -1.83 0.00	44.00 -1.55 0.00	37.36 -1.76 0.00	35.99 -1.19 0.00
NIAGARA_115E_LBMP 323715	38.15 -0.04 0.00	36.90 -0.49 0.00	36.28 -0.78 0.00	34.75 -0.57 0.00	34.70 -0.46 0.00	37.00 -0.60 0.00	37.32 -0.45 0.00	37.74 -1.45 0.00	39.00 -1.17 0.00	40.91 -1.40 0.00	43.80 -0.99 0.00	46.98 -1.01 0.00	52.02 -0.95 0.00	62.69 -2.47 -0.11	64.53 -2.51 -0.97	69.30 -3.87 -2.87	73.31 -4.93 -2.35	80.82 -5.11 -2.21	69.37 -3.53 -0.73	66.62 -2.49 0.00	54.14 -1.33 0.00	44.37 -1.18 0.00	37.59 -1.53 0.00	36.18 -1.00 0.00
NIAGARA_115W_LBMP 323714	37.85 -0.34 0.00	36.60 -0.79 0.00	35.98 -1.08 0.00	34.44 -0.88 0.00	34.42 -0.74 0.00	36.66 -0.94 0.00	36.94 -0.83 0.00	37.35 -1.84 0.00	38.60 -1.57 0.00	40.45 -1.86 0.00	43.31 -1.48 0.00	46.50 -1.49 0.00	51.43 -1.54 0.00	61.98 -3.19 -0.10	63.86 -3.17 -0.97	68.59 -4.57 -2.86	72.54 -5.69 -2.34	79.81 -6.11 -2.20	68.57 -4.33 -0.73	65.86 -3.25 0.00	53.53 -1.94 0.00	43.91 -1.64 0.00	37.28 -1.84 0.00	35.85 -1.34 0.00
NIAGARA_230_LBMP 323716	38.34 0.15 0.00	37.05 -0.34 0.00	36.47 -0.59 0.00	34.90 -0.42 0.00	34.85 -0.32 0.00	37.15 -0.45 0.00	37.43 -0.34 0.00	37.90 -1.29 0.00	39.17 -1.00 0.00	41.08 -1.23 0.00	43.99 -0.80 0.00	47.17 -0.82 0.00	52.23 -0.74 0.00	63.02 -2.15 -0.10	64.90 -2.12 -0.95	69.68 -3.44 -2.82	73.80 -4.40 -2.31	81.28 -4.60 -2.17	69.72 -3.17 -0.72	66.97 -2.14 0.00	54.37 -1.11 0.00	44.59 -0.96 0.00	37.79 -1.33 0.00	36.36 -0.82 0.00
NIAGARA__115KV_198_GIBSON 55903	37.81 -0.38 0.00	36.60 -0.79 0.00	35.99 -1.07 0.00	34.26 -1.06 0.00	34.35 -0.81 0.00	36.66 -0.94 0.00	36.98 -0.79 0.00	37.39 -1.80 0.00	38.48 -1.69 0.00	40.44 -1.86 0.00	43.27 -1.52 0.00	46.50 -1.49 0.00	50.74 -2.22 0.00	61.98 -3.19 -0.10	63.93 -3.10 -0.97	68.59 -4.57 -2.86	72.54 -5.69 -2.34	79.98 -5.94 -2.20	68.50 -4.40 -0.73	65.93 -3.18 0.00	53.48 -2.00 0.00	43.91 -1.64 0.00	37.24 -1.88 0.00	35.92 -1.26 0.00
NIAGARA____ 23760	38.34 0.15 0.00	37.05 -0.34 0.00	36.47 -0.59 0.00	34.90 -0.42 0.00	34.85 -0.32 0.00	37.15 -0.45 0.00	37.43 -0.34 0.00	37.90 -1.29 0.00	39.17 -1.00 0.00	41.08 -1.23 0.00	43.99 -0.80 0.00	47.17 -0.82 0.00	52.23 -0.74 0.00	63.02 -2.15 -0.10	64.91 -2.12 -0.96	69.70 -3.44 -2.84	73.82 -4.40 -2.33	81.30 -4.60 -2.19	69.72 -3.17 -0.73	66.97 -2.14 0.00	54.37 -1.11 0.00	44.59 -0.96 0.00	37.79 -1.33 0.00	36.36 -0.82 0.00
NINE_MILE_1 23575	37.62 -0.57 0.00	36.67 -0.71 0.00	36.32 -0.74 0.00	34.61 -0.71 0.00	34.49 -0.67 0.00	36.88 -0.72 0.00	37.17 -0.61 0.00	38.61 -0.59 0.00	39.64 -0.52 0.00	41.75 -0.55 0.00	44.30 -0.49 0.00	47.46 -0.53 0.00	52.33 -0.63 0.00	64.21 -0.85 0.00	65.14 -0.92 0.00	70.07 -1.05 -0.82	75.14 -1.29 -0.53	82.39 -1.34 -0.01	71.01 -1.16 0.00	68.21 -0.90 0.00	54.75 -0.72 0.00	44.96 -0.59 0.00	38.46 -0.67 0.00	36.47 -0.71 0.00
NINE_MILE_2 23744	37.62 -0.57 0.00	36.71 -0.67 0.00	36.32 -0.74 0.00	34.65 -0.67 0.00	34.49 -0.67 0.00	36.88 -0.72 0.00	37.17 -0.61 0.00	38.61 -0.59 0.00	39.64 -0.52 0.00	41.75 -0.55 0.00	44.30 -0.49 0.00	47.46 -0.53 0.00	52.33 -0.63 0.00	64.21 -0.85 0.00	65.14 -0.92 0.00	70.07 -1.05 -0.82	75.13 -1.29 -0.53	82.39 -1.34 -0.01	71.01 -1.16 0.00	68.21 -0.90 0.00	54.75 -0.72 0.00	44.96 -0.59 0.00	38.46 -0.67 0.00	36.47 -0.71 0.00
NM_CAPITAL____DRP 24208	39.41 1.22 0.00	38.28 0.90 0.00	37.95 0.89 0.00	35.95 0.81 0.18	35.85 0.77 0.08	38.43 0.83 0.00	38.79 1.02 0.00	40.68 1.49 0.00	41.69 1.53 0.00	43.91 1.61 0.00	46.40 1.61 0.00	49.66 1.68 0.00	54.98 2.01 0.00	69.54 2.47 -2.00	87.12 2.51 -18.55	106.28 2.81 -33.17	109.64 2.88 -30.87	128.87 3.26 -41.88	88.90 2.74 -13.99	71.67 2.56 0.00	57.53 2.05 0.00	47.33 1.78 0.00	40.72 1.60 0.00	38.15 0.97 0.00
NM_CENTRAL____DRP 24181	38.30 0.11 0.00	37.31 -0.07 0.00	36.91 -0.15 0.00	35.14 -0.18 0.00	35.06 -0.11 0.00	37.49 -0.11 0.00	37.81 0.04 0.00	39.35 0.16 0.00	40.41 0.24 0.00	42.69 0.38 0.00	45.24 0.45 0.00	48.51 0.53 0.00	53.39 0.42 0.00	65.65 0.59 0.00	66.59 0.53 0.00	71.88 0.42 -1.16	76.95 0.30 -0.75	84.23 0.50 -0.02	72.53 0.36 0.00	69.59 0.48 0.00	55.92 0.44 0.00	45.91 0.36 0.00	39.08 -0.04 0.00	37.03 -0.15 0.00
NM_FRONTIER____DRP 24179	37.81 -0.38 0.00	36.60 -0.79 0.00	35.99 -1.07 0.00	34.26 -1.06 0.00	34.35 -0.81 0.00	36.66 -0.94 0.00	36.98 -0.79 0.00	37.39 -1.80 0.00	38.48 -1.69 0.00	40.44 -1.86 0.00	43.27 -1.52 0.00	46.50 -1.49 0.00	50.74 -2.22 0.00	61.98 -3.19 -0.10	63.93 -3.10 -0.97	68.59 -4.57 -2.86	72.54 -5.69 -2.34	79.98 -5.94 -2.20	68.50 -4.40 -0.73	65.93 -3.18 0.00	53.48 -2.00 0.00	43.91 -1.64 0.00	37.24 -1.88 0.00	35.92 -1.26 0.00
NM_ST_REGIS____HYD 24053	36.36 -1.83 0.00	35.96 -1.42 0.00	35.61 -1.45 0.00	33.98 -1.34 0.00	33.83 -1.34 0.00	36.25 -1.35 0.00	36.30 -1.47 0.00	37.15 -2.04 0.00	38.16 -2.01 0.00	39.68 -2.62 0.00	41.92 -2.87 0.00	44.87 -3.12 0.00	49.47 -3.50 0.00	61.16 -3.90 0.00	62.17 -3.90 0.00	65.66 -4.64 0.00	71.11 -4.78 0.00	77.61 -6.11 0.00	67.77 -4.40 0.00	65.03 -4.08 0.00	52.20 -3.27 0.00	42.45 -3.10 0.00	37.36 -1.76 0.00	36.33 -0.86 0.00
NORTHPORT____1 23551	45.19 3.13 -3.86	44.43 2.54 -4.50	42.51 2.59 -2.86	38.23 2.76 -0.16	37.91 2.67 -0.08	40.44 2.78 -0.06	41.43 2.68 -0.98	43.47 3.57 -0.71	43.45 3.65 0.37	44.79 3.64 1.15	41.00 2.87 6.65	41.06 2.83 9.76	44.23 3.39 12.13	62.46 4.23 6.82	83.55 4.89 -12.59	101.09 6.54 -24.24	103.37 6.83 -20.64	113.21 7.28 -22.21	86.95 5.27 -9.51	77.12 4.15 -3.86	60.75 2.99 -2.28	41.26 3.42 7.71	41.26 2.89 0.76	40.12 3.35 0.41
NORTHPORT____2 23552	45.19 3.13 -3.86	44.43 2.54 -4.50	42.51 2.59 -2.86	38.23 2.76 -0.16	37.91 2.67 -0.08	40.44 2.78 -0.06	41.43 2.68 -0.98	43.47 3.57 -0.71	43.45 3.65 0.37	44.79 3.64 1.15	41.00 2.87 6.65	41.06 2.83 9.76	41.26 3.39 15.10	61.57 4.23 27.72	83.55 4.89 29.31	101.09 6.54 35.26	103.37 6.83 41.04	113.21 7.28 49.28	86.95 5.27 35.77	77.12 4.15 31.60	60.75 2.99 16.82	41.26 3.42 7.71	41.26 2.89 0.76	40.12 3.35 0.41
NORTHPORT____3 23553	45.22 3.06 -3.97	44.57 2.69 -4.49	42.80 2.89 -2.85	37.73 2.26 -0.15	37.42 2.18 -0.08	39.84 2.18 -0.06	41.80 3.06 -0.97	43.87 3.96 -0.72	44.04 4.10 0.23	45.41 4.27 1.16	40.86 2.73 6.66	40.96 2.73 9.76	41.14 3.29 15.11	61.37 4.04 27.73	83.55 4.62 29.32	101.09 6.33 35.26	103.37 6.53 41.05	113.21 6.94 49.29	86.95 4.98 35.78	77.12 3.87 31.61	60.75 2.72 16.82	41.26 3.60 7.72	41.58 2.94 0.47	40.08 3.16 0.26

NORTHPORT___4 23650	45.22 3.06 -3.97	44.57 2.69 -4.49	42.80 2.89 -2.85	37.73 2.26 -0.15	37.42 2.18 -0.08	39.84 2.18 -0.06	41.80 3.06 -0.97	43.87 3.96 -0.72	44.04 4.10 0.23	45.41 4.27 1.16	40.86 2.73 6.66	40.96 2.73 9.76	41.14 3.29 15.11	41.37 4.04 27.73	41.37 4.62 29.32	41.37 6.33 35.26	41.37 6.53 41.05	41.37 6.94 49.29	41.37 4.98 35.78	41.37 3.87 31.61	41.37 2.72 16.82	41.43 3.60 7.72	41.58 2.94 0.47	40.08 3.16 0.26
NORTHPORT___IC 23718	45.19 3.13 -3.86	44.43 2.54 -4.50	42.51 2.59 -2.86	38.23 2.76 -0.16	37.91 2.67 -0.08	40.44 2.78 -0.06	41.43 2.68 -0.98	43.47 3.57 -0.71	43.45 3.65 0.37	44.79 3.64 1.15	41.00 2.87 6.65	41.06 2.83 9.76	41.26 3.39 15.10	41.57 4.23 27.72	41.64 4.89 29.31	41.59 6.54 35.26	41.68 6.83 41.04	41.71 7.28 49.28	41.67 5.27 35.77	41.66 4.15 31.60	41.65 2.99 16.82	41.26 3.42 7.71	41.26 2.89 0.76	40.12 3.35 0.41
NORTH___COUNTRY_ESR 323785	37.08 -1.11 0.00	36.67 -0.71 0.00	36.35 -0.71 0.00	34.68 -0.63 0.00	34.56 -0.60 0.00	37.04 -0.56 0.00	37.28 -0.49 0.00	38.17 -1.02 0.00	39.04 -1.12 0.00	41.08 -1.23 0.00	43.18 -1.61 0.00	46.21 -1.77 0.00	51.01 -1.96 0.00	63.04 -2.02 0.00	64.14 -1.92 0.00	67.70 -2.60 0.00	73.31 -2.58 0.00	79.95 -3.77 0.00	69.64 -2.53 0.00	66.62 -2.49 0.00	53.59 -1.89 0.00	43.59 -1.96 0.00	38.22 -0.90 0.00	36.85 -0.34 0.00
NPX_GEN_1385_PROXY 323591	44.50 2.45 -3.86	43.75 1.87 -4.50	41.36 1.44 -2.86	37.03 1.55 -0.16	36.72 1.48 -0.08	39.43 1.77 -0.06	40.41 1.66 -0.98	42.29 2.39 -0.71	42.21 2.41 0.37	43.65 2.50 1.15	40.91 2.78 6.65	41.11 2.88 9.76	44.90 4.61 12.67	60.08 5.66 10.64	77.68 6.67 -4.95	92.12 8.43 -13.38	98.00 9.03 -13.08	111.60 9.79 -18.09	97.01 7.51 -17.33	80.40 6.29 -5.00	72.30 4.66 -12.16	41.06 3.74 8.23	40.87 2.51 0.76	39.70 2.94 0.41
NPX_GEN_CSC 323557	50.76 4.43 -8.14	45.75 3.82 -4.56	43.86 3.89 -2.91	39.19 3.71 -0.17	38.87 3.62 -0.09	41.47 3.80 -0.07	44.93 4.04 -3.11	51.14 5.02 -6.93	50.27 5.14 -4.96	60.84 5.37 -13.16	77.05 4.66 -27.60	169.83 4.80 -117.05	177.37 5.61 -118.79	462.37 6.96 -390.35	336.76 7.53 -263.17	322.41 9.07 -243.03	307.82 9.49 -222.44	354.17 10.29 -260.16	302.55 8.08 -222.30	292.60 6.98 -216.51	275.70 5.27 -214.95	169.29 5.37 -118.37	53.44 4.46 -9.86	47.23 4.61 -5.44
NSINS_S_GLNS_FALLS 23858	41.59 3.40 0.00	40.30 2.92 0.00	39.95 2.89 0.00	37.79 2.65 0.18	37.75 2.67 0.08	40.46 2.86 0.00	40.87 3.10 0.00	42.88 3.68 0.00	43.98 3.82 0.00	46.41 4.10 0.00	49.22 4.43 0.00	52.93 4.94 0.00	58.00 5.03 0.00	74.40 6.57 -2.76	98.22 6.54 -25.61	116.31 6.05 -39.96	121.17 6.45 -38.82	148.59 7.12 -57.76	97.62 6.13 -19.31	74.85 5.74 0.00	60.80 5.33 0.00	49.97 4.42 0.00	42.64 3.52 0.00	39.93 2.75 0.00
NUCOR_STEEL___DRP 24197	39.07 0.88 0.00	38.02 0.64 0.00	37.58 0.52 0.00	35.78 0.46 0.00	35.73 0.56 0.00	38.20 0.60 0.00	38.60 0.83 0.00	40.17 0.98 0.00	41.33 1.16 0.00	43.66 1.35 0.00	46.31 1.52 0.00	49.66 1.68 0.00	54.61 1.64 0.00	67.29 2.15 -0.08	68.92 2.11 -0.74	74.60 2.04 -2.26	79.78 2.05 -1.84	88.00 2.60 -1.69	74.90 2.17 -0.56	71.18 2.07 0.00	57.25 1.78 0.00	46.96 1.41 0.00	39.90 0.78 0.00	37.81 0.63 0.00
NUMBER_THREE_WT_PWR 323818	38.53 0.34 0.00	37.65 0.26 0.00	37.25 0.19 0.00	35.46 0.14 0.00	35.34 0.18 0.00	37.86 0.27 0.00	38.15 0.38 0.00	39.62 0.43 0.00	40.57 0.40 0.00	42.64 0.34 0.00	45.28 0.49 0.00	48.46 0.48 0.00	53.29 0.32 0.00	65.52 0.46 0.00	66.46 0.40 0.00	71.16 0.35 -0.50	76.68 0.46 -0.33	84.48 0.75 -0.01	72.97 0.80 0.00	70.21 1.10 0.00	56.20 0.72 0.00	45.78 0.23 0.00	39.28 0.16 0.00	37.44 0.26 0.00
NYISO_LBMP_REFERENCE 24008	38.19 0.00 0.00	37.38 0.00 0.00	37.06 0.00 0.00	35.32 0.00 0.00	35.16 0.00 0.00	37.60 0.00 0.00	37.77 0.00 0.00	39.19 0.00 0.00	40.17 0.00 0.00	42.31 0.00 0.00	44.79 0.00 0.00	47.99 0.00 0.00	52.97 0.00 0.00	65.06 0.00 0.00	66.06 0.00 0.00	70.30 0.00 0.00	75.89 0.00 0.00	83.72 0.00 0.00	72.17 0.00 0.00	69.11 0.00 0.00	55.48 0.00 0.00	45.55 0.00 0.00	39.12 0.00 0.00	37.18 0.00 0.00
NYPA_BRENTWD___GT 24164	51.29 4.01 -9.09	45.30 3.40 -4.51	43.33 3.41 -2.87	38.87 3.39 -0.16	38.55 3.30 -0.08	41.12 3.46 -0.06	42.76 3.59 -1.40	46.47 4.51 -2.77	50.94 4.62 -6.15	49.72 4.65 -2.76	54.41 3.85 -5.77	69.44 3.70 -17.76	75.43 4.34 -18.12	130.19 5.40 -59.74	126.81 6.21 -54.54	144.93 7.94 -66.68	144.12 8.27 -59.95	161.12 8.87 -68.53	123.27 6.64 -44.46	113.05 5.39 -38.55	81.70 3.94 -22.29	67.93 4.24 -18.14	55.22 3.79 -12.31	48.11 4.16 -6.76
NYPA_GOWANUS___GT5 24156	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.08 5.08 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.84 7.66 -29.29	117.69 8.45 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.08 4.00 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NYPA_GOWANUS___GT6 24157	41.02 2.83 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.66 2.19 -0.16	37.28 2.04 -0.08	39.67 2.07 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.33 3.54 0.00	51.72 3.75 0.01	57.20 4.24 0.01	89.08 5.08 -18.94	89.38 5.42 -17.90	111.32 7.10 -33.92	112.84 7.66 -29.29	117.69 8.45 -25.52	101.87 6.42 -23.28	85.55 5.46 -10.98	61.08 4.00 -1.61	49.37 3.83 0.01	42.90 3.72 -0.06	40.05 2.86 0.00
NYPA_HARLEM__RVR__GT1 24160	40.90 2.71 0.00	39.25 1.87 0.00	39.02 1.96 0.00	37.20 1.73 -0.15	36.77 1.55 -0.06	39.10 1.51 0.01	39.47 1.70 0.01	41.89 2.70 0.01	42.93 2.77 0.01	45.30 3.00 0.01	47.78 3.00 0.01	51.33 3.36 0.01	57.04 4.08 0.01	70.72 4.81 -0.84	79.09 5.16 -7.88	97.11 6.75 -20.06	100.17 7.29 -16.99	109.63 8.04 -17.87	84.17 6.06 -5.94	74.29 5.19 0.01	59.24 3.77 0.01	48.73 3.19 0.01	42.29 3.17 0.00	39.71 2.53 0.00
NYPA_HARLEM__RVR__GT2 24161	40.90 2.71 0.00	39.25 1.87 0.00	39.02 1.96 0.00	37.20 1.73 -0.15	36.77 1.55 -0.06	39.10 1.51 0.01	39.47 1.70 0.01	41.89 2.70 0.01	42.93 2.77 0.01	45.30 3.00 0.01	47.78 3.00 0.01	51.33 3.36 0.01	57.04 4.08 0.01	70.72 4.81 -0.84	79.09 5.16 -7.88	97.11 6.75 -20.06	100.17 7.29 -16.99	109.63 8.04 -17.87	84.17 6.06 -5.94	74.29 5.19 0.01	59.24 3.77 0.01	48.73 3.19 0.01	42.29 3.17 0.00	39.71 2.53 0.00
NYPA_KENT___GT 24152	40.94 2.75 0.00	39.56 2.17 0.00	39.29 2.22 0.00	37.55 2.08 -0.15	37.20 1.97 -0.07	39.55 1.95 0.00	39.89 2.11 0.00	42.29 3.10 0.00	43.34 3.17 0.00	45.73 3.43 0.00	48.24 3.45 0.00	51.62 3.65 0.01	57.09 4.13 0.01	77.86 4.94 -7.86	82.71 5.29 -11.36	102.63 6.89 -25.43	105.10 7.44 -21.76	112.77 8.21 -20.84	91.04 6.21 -12.66	77.45 5.25 -3.09	59.92 3.82 -0.62	49.23 3.69 0.01	42.75 3.60 -0.03	39.97 2.79 0.00

NYPA_POUCH1____GT 24155	40.90 2.71 0.00	39.67 2.28 -0.01	39.40 2.34 -0.01	37.70 2.23 -0.16	37.31 2.07 -0.08	39.67 2.07 0.00	39.89 2.11 0.00	42.87 3.10 -0.58	43.58 3.14 -0.27	47.04 3.47 -1.26	50.86 3.36 -2.71	55.81 3.55 -4.28	63.38 4.08 -6.34	88.88 4.88 -18.94	89.18 5.22 -17.90	111.19 6.96 -33.92	112.77 7.59 -29.29	117.61 8.37 -25.52	101.73 6.28 -23.28	85.41 5.32 -10.98	60.96 3.88 -1.61	49.23 3.69 0.01	42.82 3.64 -0.06	40.05 2.86 0.00
NYPA_VERNON____GT2 24162	40.90 2.71 0.00	39.44 2.05 0.00	39.17 2.11 0.00	37.48 2.01 -0.15	37.10 1.86 -0.07	39.44 1.84 0.00	39.81 2.04 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.65 3.34 0.00	48.15 3.36 0.00	51.58 3.60 0.01	56.98 4.02 0.01	66.66 4.81 3.22	76.03 5.16 -4.81	94.00 6.75 -16.95	97.42 7.29 -14.24	107.92 8.04 -16.16	80.28 6.06 -2.04	69.49 5.19 4.81	58.88 3.77 0.37	49.10 3.56 0.01	42.57 3.44 -0.01	39.86 2.68 0.00
NYPA_VERNON____GT3 24163	40.90 2.71 0.00	39.44 2.05 0.00	39.17 2.11 0.00	37.48 2.01 -0.15	37.10 1.86 -0.07	39.44 1.84 0.00	39.81 2.04 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.65 3.34 0.00	48.15 3.36 0.00	51.58 3.60 0.01	56.98 4.02 0.01	66.66 4.81 3.22	76.03 5.16 -4.81	94.00 6.75 -16.95	97.42 7.29 -14.24	107.92 8.04 -16.16	80.28 6.06 -2.04	69.49 5.19 4.81	58.88 3.77 0.37	49.10 3.56 0.01	42.57 3.44 -0.01	39.86 2.68 0.00
NYPA____ASTORIA_CC1 323568	40.82 2.63 0.00	39.36 1.98 0.00	39.13 2.07 0.00	37.37 1.91 -0.15	37.02 1.79 -0.07	39.37 1.77 0.00	39.74 1.96 0.00	42.13 2.94 0.00	43.14 2.97 0.00	45.52 3.21 0.00	48.02 3.23 0.00	51.43 3.46 0.01	56.88 3.92 0.01	61.09 4.69 8.66	72.49 4.96 -1.47	89.62 6.54 -12.78	93.57 7.13 -10.55	105.37 7.79 -13.87	74.92 5.92 3.17	65.04 4.98 9.05	58.23 3.60 0.85	48.96 3.42 0.01	42.49 3.36 0.00	39.78 2.60 0.00
NYPA____ASTORIA_CC2 323569	40.82 2.63 0.00	39.36 1.98 0.00	39.13 2.07 0.00	37.37 1.91 -0.15	37.02 1.79 -0.07	39.37 1.77 0.00	39.74 1.96 0.00	42.13 2.94 0.00	43.14 2.97 0.00	45.52 3.21 0.00	48.02 3.23 0.00	51.43 3.46 0.01	56.88 3.92 0.01	61.09 4.69 8.66	72.49 4.96 -1.47	89.62 6.54 -12.78	93.57 7.13 -10.55	105.37 7.79 -13.87	74.92 5.92 3.17	65.04 4.98 9.05	58.23 3.60 0.85	48.96 3.42 0.01	42.49 3.36 0.00	39.78 2.60 0.00
NYPA____HOLTSVILL 23794	50.06 3.78 -8.09	45.19 3.25 -4.55	43.27 3.30 -2.91	38.70 3.21 -0.17	38.38 3.13 -0.09	40.90 3.23 -0.07	44.28 3.44 -3.07	50.36 4.35 -6.82	49.51 4.46 -4.89	59.80 4.57 -12.93	75.66 3.76 -27.10	135.19 3.79 -83.41	142.54 4.45 -85.12	348.07 5.53 -277.48	299.25 6.14 -227.04	317.14 7.80 -239.03	302.77 8.12 -218.75	348.32 8.79 -255.81	265.68 6.64 -186.87	255.65 5.46 -181.08	164.17 4.00 -104.70	135.09 4.33 -85.21	52.52 3.68 -9.72	46.45 3.90 -5.36
NYPA____HELLGATE_GT1 24158	40.90 2.71 0.00	39.25 1.87 0.00	39.02 1.96 0.00	37.20 1.73 -0.15	36.77 1.55 -0.06	39.10 1.51 0.01	39.47 1.70 0.01	41.93 2.74 0.01	42.97 2.81 0.01	45.30 3.00 0.01	47.78 3.00 0.01	51.33 3.36 0.01	57.04 4.08 0.01	70.72 4.81 -0.84	79.09 5.16 -7.88	97.11 6.75 -20.06	100.17 7.29 -16.99	109.63 8.04 -17.87	84.17 6.06 -5.94	74.29 5.19 0.01	59.24 3.77 0.01	48.73 3.19 0.01	42.33 3.21 0.00	39.71 2.53 0.00
NYPA____HELLGATE_GT2 24159	40.90 2.71 0.00	39.25 1.87 0.00	39.02 1.96 0.00	37.20 1.73 -0.15	36.77 1.55 -0.06	39.10 1.51 0.01	39.47 1.70 0.01	41.93 2.74 0.01	42.97 2.81 0.01	45.30 3.00 0.01	47.78 3.00 0.01	51.33 3.36 0.01	57.04 4.08 0.01	70.72 4.81 -0.84	79.09 5.16 -7.88	97.11 6.75 -20.06	100.17 7.29 -16.99	109.63 8.04 -17.87	84.17 6.06 -5.94	74.29 5.19 0.01	59.24 3.77 0.01	48.73 3.19 0.01	42.33 3.21 0.00	39.71 2.53 0.00
NYS_BARGE____HYD 23848	38.57 0.38 0.00	37.31 -0.07 0.00	36.65 -0.41 0.00	35.07 -0.25 0.00	35.02 -0.14 0.00	37.34 -0.26 0.00	37.70 -0.08 0.00	38.21 -0.98 0.00	39.52 -0.64 0.00	41.42 -0.89 0.00	44.34 -0.45 0.00	47.60 -0.39 0.00	52.65 -0.32 0.00	63.41 -1.75 -0.10	65.29 -1.72 -0.94	69.99 -3.09 -2.78	74.07 -4.10 -2.28	81.76 -4.10 -2.14	70.14 -2.74 -0.71	67.45 -1.66 0.00	54.81 -0.66 0.00	44.87 -0.68 0.00	37.98 -1.14 0.00	36.59 -0.60 0.00
OAK ORCHARD____HYD 24046	38.95 0.76 0.00	37.76 0.37 0.00	37.17 0.11 0.00	35.53 0.21 0.00	35.44 0.28 0.00	37.86 0.27 0.00	38.19 0.42 0.00	39.19 0.00 0.00	40.45 0.28 0.00	42.56 0.26 0.00	45.42 0.63 0.00	48.85 0.86 0.00	53.92 0.95 0.00	65.66 0.52 -0.08	67.20 0.40 -0.74	72.49 -0.07 -2.26	77.12 -0.61 -1.84	84.65 -0.75 -1.68	72.44 -0.29 -0.56	69.66 0.55 0.00	56.25 0.78 0.00	46.01 0.46 0.00	39.16 0.04 0.00	37.22 0.04 0.00
OAKDALE__35_KV_LOAD 356122	39.15 0.95 0.00	38.06 0.67 0.00	37.69 0.63 0.00	35.88 0.57 0.00	35.80 0.63 0.00	38.24 0.64 0.00	38.57 0.79 0.00	40.09 0.90 0.00	41.13 0.96 0.00	43.41 1.10 0.00	46.09 1.30 0.00	49.38 1.39 0.00	54.45 1.48 0.00	66.93 1.63 -0.24	69.93 1.65 -2.22	77.66 1.27 -6.09	82.25 1.29 -5.07	90.68 1.93 -5.03	75.58 1.73 -1.67	70.84 1.73 0.00	57.03 1.55 0.00	46.78 1.23 0.00	39.90 0.78 0.00	37.74 0.56 0.00
OCC_CHEM____DRP 24175	37.92 -0.27 0.00	36.71 -0.67 0.00	36.10 -0.96 0.00	34.36 -0.95 0.00	34.42 -0.74 0.00	36.74 -0.86 0.00	37.09 -0.68 0.00	37.47 -1.72 0.00	38.60 -1.57 0.00	40.57 -1.73 0.00	43.36 -1.43 0.00	46.59 -1.39 0.00	50.85 -2.12 0.00	62.17 -2.99 -0.10	64.06 -2.97 -0.97	68.73 -4.43 -2.86	72.78 -5.46 -2.35	80.15 -5.78 -2.21	68.72 -4.19 -0.73	66.14 -2.97 0.00	53.65 -1.83 0.00	44.00 -1.55 0.00	37.36 -1.76 0.00	35.99 -1.19 0.00
OH_GEN_PROXY 24063	38.34 0.15 0.00	37.08 -0.30 0.00	36.51 -0.55 0.00	34.93 -0.39 0.00	34.88 -0.28 0.00	37.19 -0.41 0.00	37.47 -0.30 0.00	38.02 -1.17 0.00	39.25 -0.92 0.00	41.21 -1.10 0.00	44.12 -0.67 0.00	47.31 -0.67 0.00	52.39 -0.58 0.00	63.21 -1.95 -0.10	65.10 -1.92 -0.96	69.96 -3.16 -2.82	74.11 -4.10 -2.31	81.62 -4.27 -2.17	69.93 -2.96 -0.72	67.17 -1.93 0.00	55.00 -1.00 -0.52	44.16 -0.87 0.52	37.91 -1.21 0.00	36.40 -0.78 0.00
OLIN_CORP_DRP 24177	38.23 0.04 0.00	36.97 -0.41 0.00	36.36 -0.70 0.00	34.61 -0.71 0.00	34.71 -0.46 0.00	37.04 -0.56 0.00	37.40 -0.38 0.00	37.82 -1.37 0.00	38.96 -1.21 0.00	40.99 -1.31 0.00	43.80 -0.99 0.00	47.07 -0.91 0.00	51.38 -1.59 0.00	62.82 -2.34 -0.11	64.67 -2.38 -0.98	69.47 -3.73 -2.89	73.48 -4.78 -2.37	81.18 -4.77 -2.23	69.45 -3.46 -0.74	66.83 -2.28 0.00	54.20 -1.28 0.00	44.46 -1.09 0.00	37.71 -1.41 0.00	36.33 -0.86 0.00
OLIN_CORP_DSASP 323712	37.92 -0.27 0.00	36.71 -0.67 0.00	36.10 -0.96 0.00	34.54 -0.78 0.00	34.49 -0.67 0.00	36.77 -0.83 0.00	37.05 -0.72 0.00	37.47 -1.72 0.00	38.72 -1.44 0.00	40.57 -1.74 0.00	43.45 -1.34 0.00	46.59 -1.39 0.00	51.59 -1.38 0.00	62.17 -2.99 -0.10	64.06 -2.97 -0.97	68.74 -4.43 -2.86	72.77 -5.47 -2.35	79.98 -5.94 -2.21	68.72 -4.19 -0.73	66.07 -3.04 0.00	53.65 -1.83 0.00	44.00 -1.55 0.00	37.36 -1.76 0.00	35.96 -1.23 0.00

ONEIDA_HERK_LFGE 323681	38.99 0.80 0.00	38.06 0.67 0.00	37.65 0.59 0.00	35.88 0.56 0.00	35.72 0.56 0.00	38.24 0.64 0.00	38.53 0.76 0.00	40.09 0.90 0.00	41.05 0.88 0.00	43.28 0.97 0.00	45.95 1.16 0.00	49.23 1.25 0.00	54.19 1.22 0.00	66.56 1.50 0.00	67.51 1.45 0.00	72.31 1.54 -0.46	77.79 1.60 -0.30	85.73 2.01 -0.01	73.83 1.66 0.00	70.98 1.87 0.00	56.86 1.39 0.00	46.41 0.86 0.00	39.74 0.62 0.00	37.78 0.59 0.00
ONEIDA___115KV_TB4 55905	39.49 1.30 0.00	38.47 1.08 0.00	38.06 1.00 0.00	36.24 0.92 0.00	36.11 0.95 0.00	38.65 1.05 0.00	38.98 1.21 0.00	40.56 1.37 0.00	41.61 1.45 0.00	43.91 1.61 0.00	46.63 1.84 0.00	50.00 2.02 0.00	54.98 2.01 0.00	67.60 2.54 0.00	68.57 2.51 0.00	73.63 2.53 -0.79	79.07 2.66 -0.52	86.83 3.10 -0.01	74.70 2.53 0.00	71.74 2.63 0.00	57.53 2.05 0.00	47.05 1.50 0.00	40.10 0.98 0.00	38.07 0.89 0.00
ONONDAGA_REF_OCCRA 23987	38.46 0.27 0.00	37.46 0.07 0.00	37.06 0.00 0.00	35.28 -0.04 0.00	35.20 0.04 0.00	37.64 0.04 0.00	38.00 0.23 0.00	39.51 0.31 0.00	40.61 0.44 0.00	42.86 0.55 0.00	45.46 0.67 0.00	48.75 0.77 0.00	53.60 0.64 0.00	65.84 0.78 0.00	66.86 0.79 0.00	72.35 0.63 -1.42	77.42 0.61 -0.92	84.57 0.84 -0.02	72.82 0.65 0.00	69.87 0.76 0.00	56.14 0.67 0.00	46.14 0.59 0.00	39.28 0.16 0.00	37.22 0.04 0.00
ONONDAGA___COGEN 23986	38.53 0.34 0.00	37.53 0.15 0.00	37.13 0.07 0.00	35.39 0.07 0.00	35.27 0.11 0.00	37.71 0.11 0.00	38.08 0.30 0.00	39.58 0.39 0.00	40.73 0.56 0.00	42.98 0.68 0.00	45.60 0.81 0.00	48.90 0.91 0.00	53.55 0.58 0.00	65.78 0.72 0.00	66.72 0.66 0.00	72.10 0.49 -1.30	77.12 0.38 -0.85	84.32 0.59 -0.02	72.61 0.43 0.00	69.66 0.55 0.00	56.09 0.61 0.00	46.23 0.68 0.00	39.36 0.23 0.00	37.29 0.11 0.00
ONTARIO___LFGE 23819	39.07 0.88 0.00	37.98 0.60 0.00	37.54 0.48 0.00	35.85 0.53 0.00	35.80 0.63 0.00	38.24 0.64 0.00	38.53 0.76 0.00	39.93 0.74 0.00	41.25 1.08 0.00	43.45 1.14 0.00	46.31 1.52 0.00	49.57 1.58 0.00	54.66 1.69 0.00	66.98 1.82 -0.10	68.81 1.85 -0.90	74.32 1.33 -2.68	79.30 1.21 -2.20	87.61 1.84 -2.05	74.58 1.73 -0.68	71.18 2.07 0.00	57.25 1.77 0.00	46.78 1.23 0.00	39.67 0.55 0.00	37.66 0.48 0.00
ORANGEVILLE_WT_PWR 323706	39.18 0.99 0.00	37.91 0.52 0.00	37.32 0.26 0.00	35.67 0.35 0.00	35.62 0.46 0.00	38.01 0.41 0.00	38.38 0.60 0.00	39.23 0.04 0.00	40.57 0.40 0.00	42.64 0.34 0.00	45.55 0.76 0.00	48.85 0.86 0.00	53.97 1.00 0.00	65.32 0.13 -0.13	67.53 0.27 -1.20	72.50 -1.26 -3.46	76.85 -1.89 -2.85	85.28 -1.17 -2.73	72.72 -0.36 -0.91	69.46 0.35 0.00	56.25 0.78 0.00	46.10 0.55 0.00	38.85 -0.27 0.00	37.37 0.19 0.00
ORANGEVILLE___ESR 323794	39.18 0.99 0.00	37.91 0.52 0.00	37.32 0.26 0.00	35.67 0.35 0.00	35.62 0.46 0.00	38.01 0.41 0.00	38.38 0.60 0.00	39.23 0.04 0.00	40.57 0.40 0.00	42.64 0.34 0.00	45.55 0.76 0.00	48.85 0.86 0.00	53.97 1.00 0.00	65.32 0.13 -0.13	67.53 0.27 -1.20	72.50 -1.26 -3.46	76.85 -1.89 -2.85	85.28 -1.17 -2.73	72.72 -0.36 -0.91	69.46 0.35 0.00	56.25 0.78 0.00	46.10 0.55 0.00	38.85 -0.27 0.00	37.37 0.19 0.00
OSWEGATCHIE___HYD 24044	37.24 -0.95 0.00	36.60 -0.79 0.00	36.21 -0.85 0.00	34.51 -0.81 0.00	34.36 -0.81 0.00	36.81 -0.79 0.00	36.98 -0.80 0.00	38.14 -1.06 0.00	39.04 -1.12 0.00	40.87 -1.44 0.00	43.27 -1.52 0.00	46.35 -1.63 0.00	50.96 -2.01 0.00	62.78 -2.28 0.00	63.75 -2.31 0.00	67.93 -2.74 -0.37	73.33 -2.81 -0.24	80.54 -3.18 0.00	69.86 -2.31 0.00	67.17 -1.93 0.00	53.81 -1.66 0.00	43.82 -1.73 0.00	38.07 -1.05 0.00	36.55 -0.63 0.00
OSWEGO___5 23606	37.88 -0.31 0.00	36.94 -0.45 0.00	36.54 -0.52 0.00	34.86 -0.46 0.00	34.70 -0.46 0.00	37.11 -0.49 0.00	37.40 -0.38 0.00	38.84 -0.35 0.00	39.89 -0.28 0.00	42.05 -0.25 0.00	44.61 -0.18 0.00	47.79 -0.19 0.00	52.70 -0.26 0.00	64.61 -0.45 0.00	65.60 -0.46 0.00	70.61 -0.63 -0.94	75.74 -0.76 -0.61	82.97 -0.75 -0.01	71.52 -0.65 0.00	68.63 -0.48 0.00	55.15 -0.33 0.00	45.28 -0.27 0.00	38.69 -0.43 0.00	36.70 -0.48 0.00
OSWEGO___6 23613	37.88 -0.31 0.00	36.94 -0.45 0.00	36.54 -0.52 0.00	34.86 -0.46 0.00	34.70 -0.46 0.00	37.11 -0.49 0.00	37.40 -0.38 0.00	38.84 -0.35 0.00	39.89 -0.28 0.00	42.05 -0.25 0.00	44.61 -0.18 0.00	47.79 -0.19 0.00	52.70 -0.26 0.00	64.61 -0.45 0.00	65.60 -0.46 0.00	70.61 -0.63 -0.94	75.74 -0.76 -0.61	82.97 -0.75 -0.01	71.52 -0.65 0.00	68.63 -0.48 0.00	55.15 -0.33 0.00	45.28 -0.27 0.00	38.69 -0.43 0.00	36.70 -0.48 0.00
OUTOKUMPU-AB___DRP 24206	38.92 0.73 0.00	37.65 0.26 0.00	36.99 -0.07 0.00	35.21 -0.11 0.00	35.30 0.14 0.00	37.68 0.08 0.00	38.08 0.30 0.00	38.60 -0.59 0.00	39.81 -0.36 0.00	41.71 -0.59 0.00	44.61 -0.18 0.00	47.99 0.00 0.00	52.33 -0.64 0.00	63.93 -1.24 -0.11	65.93 -1.12 -0.99	70.55 -2.67 -2.91	74.72 -3.57 -2.39	82.71 -3.26 -2.26	70.75 -2.17 -0.75	68.00 -1.11 0.00	55.20 -0.28 0.00	45.23 -0.32 0.00	38.42 -0.70 0.00	36.96 -0.22 0.00
OXBOW___ 24026	38.53 0.34 0.00	37.27 -0.11 0.00	36.62 -0.44 0.00	35.07 -0.25 0.00	35.02 -0.14 0.00	37.30 -0.30 0.00	37.66 -0.11 0.00	38.14 -1.06 0.00	39.45 -0.72 0.00	41.04 -1.27 0.00	43.94 -0.85 0.00	47.17 -0.82 0.00	52.17 -0.79 0.00	62.83 -2.34 -0.11	64.80 -2.25 -0.98	69.46 -3.73 -2.89	73.48 -4.78 -2.37	81.01 -4.94 -2.23	69.52 -3.39 -0.74	66.83 -2.28 0.00	54.26 -1.22 0.00	44.46 -1.09 0.00	37.95 -1.17 0.00	36.51 -0.67 0.00
OXY_CHEM_DSASP 323612	37.92 -0.27 0.00	36.71 -0.67 0.00	36.10 -0.96 0.00	34.36 -0.95 0.00	34.42 -0.74 0.00	36.74 -0.86 0.00	37.09 -0.68 0.00	37.47 -1.72 0.00	38.60 -1.57 0.00	40.57 -1.73 0.00	43.36 -1.43 0.00	46.59 -1.39 0.00	50.85 -2.12 0.00	62.17 -2.99 -0.10	64.06 -2.97 -0.97	68.73 -4.43 -2.86	72.78 -5.46 -2.35	80.15 -5.78 -2.21	68.72 -4.19 -0.73	66.14 -2.97 0.00	53.65 -1.83 0.00	44.00 -1.55 0.00	37.36 -1.76 0.00	35.99 -1.19 0.00
OZONE_PARK_ESR 323760	41.25 3.06 0.00	39.74 2.36 0.00	39.47 2.41 0.00	37.83 2.37 -0.15	37.45 2.22 -0.07	39.82 2.22 0.00	40.19 2.42 0.00	42.68 3.49 0.00	43.70 3.53 0.00	46.20 3.89 0.00	48.96 4.17 0.00	52.35 4.37 0.00	58.11 5.14 0.00	71.83 5.92 -0.85	80.22 6.28 -7.88	98.31 7.94 -20.06	101.47 8.58 -17.00	111.06 9.46 -17.88	85.55 7.43 -5.94	75.61 6.50 0.00	60.19 4.72 0.00	49.88 4.33 0.00	42.95 3.83 0.00	39.97 2.79 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.92 -0.27 0.00	36.71 -0.67 0.00	36.10 -0.96 0.00	34.36 -0.95 0.00	34.42 -0.74 0.00	36.74 -0.86 0.00	37.09 -0.68 0.00	37.47 -1.72 0.00	38.60 -1.57 0.00	40.57 -1.73 0.00	43.36 -1.43 0.00	46.59 -1.39 0.00	50.85 -2.12 0.00	62.17 -2.99 -0.10	64.06 -2.97 -0.97	68.73 -4.43 -2.86	72.78 -5.46 -2.35	80.15 -5.78 -2.21	68.72 -4.19 -0.73	66.14 -2.97 0.00	53.65 -1.83 0.00	44.00 -1.55 0.00	37.36 -1.76 0.00	35.99 -1.19 0.00

PACKARD__115KV_DUPONT_184 80571	37.92 -0.27 0.00	36.71 -0.67 0.00	36.10 -0.96 0.00	34.36 -0.95 0.00	34.42 -0.74 0.00	36.74 -0.86 0.00	37.09 -0.68 0.00	37.47 -1.72 0.00	38.60 -1.57 0.00	40.57 -1.73 0.00	43.36 -1.43 0.00	46.59 -1.39 0.00	50.85 -2.12 0.00	62.17 -2.99 -0.10	64.06 -2.97 -0.97	68.73 -4.43 -2.86	72.78 -5.46 -2.35	80.15 -5.78 -2.21	68.72 -4.19 -0.73	66.14 -2.97 0.00	53.65 -1.83 0.00	44.00 -1.55 0.00	37.36 -1.76 0.00	35.99 -1.19 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.94 2.75 0.00	39.33 1.94 0.00	39.10 2.04 0.00	37.34 1.87 -0.15	36.92 1.69 -0.07	39.25 1.65 0.00	39.59 1.81 0.00	42.01 2.82 0.00	42.98 2.81 0.00	45.35 3.05 0.00	47.97 3.18 0.00	51.34 3.36 0.01	57.20 4.24 0.01	70.72 4.81 -0.84	79.09 5.15 -7.88	97.04 6.68 -20.06	100.09 7.21 -16.99	109.54 7.95 -17.87	84.17 6.06 -5.94	74.35 5.25 0.01	59.24 3.77 0.01	48.82 3.28 0.01	42.33 3.21 0.00	39.60 2.42 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.36 3.17 0.00	39.74 2.36 0.00	39.62 2.56 0.00	37.73 2.26 -0.15	37.31 2.07 -0.07	39.63 2.03 0.00	39.93 2.15 0.00	42.41 3.21 0.00	43.38 3.21 0.00	45.73 3.43 0.00	48.37 3.58 0.00	51.77 3.79 0.01	57.67 4.71 0.01	71.30 5.40 -0.84	79.69 5.75 -7.88	97.67 7.31 -20.06	100.78 7.89 -16.99	110.30 8.71 -17.87	84.82 6.71 -5.94	74.98 5.87 0.01	59.74 4.27 0.01	49.28 3.74 0.01	42.68 3.56 0.00	39.97 2.79 0.00
PATROON__115KV_TB1 80586	39.49 1.30 0.00	38.36 0.97 0.00	38.06 1.00 0.00	36.04 0.88 0.16	35.96 0.88 0.08	38.54 0.94 0.00	38.87 1.10 0.00	40.76 1.57 0.00	41.77 1.61 0.00	44.04 1.73 0.00	46.54 1.75 0.00	49.81 1.82 0.00	55.14 2.17 0.00	69.85 2.67 -2.12	88.39 2.71 -19.62	107.47 2.95 -34.21	111.08 3.11 -32.08	131.43 3.43 -44.28	89.85 2.89 -14.79	71.80 2.70 0.00	57.64 2.16 0.00	47.42 1.87 0.00	40.80 1.68 0.00	38.22 1.04 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	39.37 1.18 0.00	38.02 0.64 0.00	37.43 0.37 0.00	35.64 0.32 0.00	35.69 0.53 0.00	38.13 0.53 0.00	38.57 0.79 0.00	39.31 0.12 0.00	40.53 0.36 0.00	42.64 0.34 0.00	45.60 0.81 0.00	48.99 1.01 0.00	53.60 0.64 0.00	65.44 0.26 -0.12	67.56 0.40 -1.10	71.18 -2.32 -3.19	75.41 -3.11 -2.63	85.04 -1.17 -2.50	72.71 -0.29 -0.83	69.52 0.41 0.00	56.36 0.89 0.00	46.14 0.59 0.00	39.12 0.00 0.00	37.52 0.33 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.13 2.94 0.00	39.78 2.39 0.00	39.36 2.30 0.00	37.67 2.23 -0.13	37.30 2.07 -0.06	39.74 2.14 0.00	40.30 2.53 0.00	42.52 3.33 0.00	43.66 3.49 0.00	46.11 3.81 0.00	48.91 4.12 0.00	52.40 4.41 0.00	58.16 5.19 0.00	72.04 6.12 -0.87	80.38 6.28 -8.04	98.22 7.52 -20.40	101.31 8.12 -17.29	110.91 8.96 -18.24	85.38 7.15 -6.06	75.40 6.29 0.00	60.14 4.66 0.00	49.79 4.24 0.00	42.64 3.52 0.00	39.82 2.64 0.00
PEEKSKILL____ 23653	40.56 2.37 0.00	39.18 1.79 0.00	38.88 1.82 0.00	37.19 1.73 -0.14	36.85 1.62 -0.07	39.25 1.65 0.00	39.66 1.89 0.00	41.93 2.74 0.00	42.98 2.81 0.00	45.35 3.05 0.00	47.97 3.18 0.00	51.39 3.41 0.00	56.83 3.86 0.00	70.52 4.62 -0.84	78.73 4.89 -7.77	96.21 6.11 -19.80	99.26 6.60 -16.77	108.63 7.28 -17.63	83.73 5.70 -5.86	74.02 4.91 0.00	59.08 3.60 0.00	48.92 3.37 0.00	42.06 2.94 0.00	39.41 2.23 0.00
PGE MADISON__WINDPWR 24146	42.16 3.97 0.00	40.82 3.44 0.00	40.28 3.22 0.00	38.32 3.00 0.00	38.22 3.06 0.00	40.99 3.39 0.00	41.48 3.70 0.00	43.43 4.23 0.00	44.47 4.30 0.00	47.08 4.78 0.00	50.21 5.42 0.00	53.79 5.80 0.00	59.06 6.09 0.00	72.59 7.29 -0.24	75.72 7.40 -2.26	84.23 7.73 -6.19	89.17 8.12 -5.16	98.88 10.04 -5.12	82.67 8.80 -1.70	78.23 9.12 0.00	62.58 7.10 0.00	50.70 5.15 0.00	42.80 3.68 0.00	40.64 3.46 0.00
PIERCEFIELD__HYD 23852	36.13 -2.06 0.00	35.70 -1.68 0.00	35.36 -1.70 0.00	33.73 -1.59 0.00	33.58 -1.58 0.00	35.98 -1.62 0.00	36.00 -1.78 0.00	36.84 -2.35 0.00	37.80 -2.37 0.00	39.26 -3.05 0.00	41.52 -3.27 0.00	44.43 -3.55 0.00	49.00 -3.97 0.00	60.57 -4.49 0.00	61.50 -4.56 0.00	65.10 -5.20 0.00	70.50 -5.39 0.00	77.02 -6.70 0.00	67.19 -4.98 0.00	64.48 -4.63 0.00	51.76 -3.72 0.00	42.09 -3.46 0.00	37.09 -2.03 0.00	35.99 -1.19 0.00
PINELAWN_CC_1 323563	46.89 3.74 -4.96	45.03 3.14 -4.50	43.07 3.15 -2.86	38.51 3.04 -0.16	38.19 2.95 -0.08	40.75 3.08 -0.06	42.19 3.32 -1.09	44.66 4.27 -1.20	45.54 4.38 -1.00	47.78 4.61 -0.86	50.17 3.58 -1.80	56.78 3.26 -5.53	62.47 3.86 -5.64	89.13 4.88 -19.18	94.09 5.61 -22.41	112.27 7.38 -34.58	113.93 7.66 -30.38	125.58 8.21 -33.65	96.24 6.13 -17.94	86.02 4.91 -12.00	65.97 3.55 -6.94	55.16 3.96 -5.65	44.58 3.48 -1.98	42.14 3.87 -1.09
PJM_GEN_HTP_PROXY 323702	40.79 2.60 0.00	39.33 1.94 0.00	39.06 2.00 0.00	37.41 1.94 -0.15	37.06 1.83 -0.07	39.40 1.80 0.00	39.81 2.04 0.00	42.21 3.02 0.00	43.26 3.09 0.00	45.65 3.34 0.00	48.29 3.50 0.00	51.73 3.75 0.00	57.21 4.24 0.00	70.92 5.01 -0.85	79.29 5.35 -7.88	97.26 6.89 -20.06	100.33 7.44 -17.00	109.72 8.12 -17.88	84.39 6.28 -5.94	74.50 5.39 0.00	59.88 3.88 -0.52	48.72 3.69 0.52	42.41 3.29 0.00	39.67 2.49 0.00
PJM_GEN_KEystone 24065	39.56 1.37 0.00	38.21 0.82 0.00	37.80 0.74 0.00	36.14 0.74 -0.08	35.94 0.74 -0.04	38.31 0.71 0.00	38.68 0.91 0.00	40.24 1.14 0.09	41.41 1.29 0.04	43.51 1.39 0.19	45.99 1.61 0.41	49.06 1.72 0.65	54.07 2.06 0.97	65.83 1.95 1.18	71.32 2.11 -3.15	82.86 2.04 -10.52	86.82 1.97 -8.95	95.65 2.68 -9.25	76.37 2.31 -1.89	69.71 2.07 1.47	57.06 1.72 0.14	46.14 1.59 1.00	40.21 1.09 0.01	38.11 0.93 0.00
PJM_GEN_NEPTUNE_PROXY 323594	45.34 2.98 -4.17	44.31 2.43 -4.50	42.40 2.48 -2.85	37.84 2.37 -0.16	37.52 2.28 -0.08	39.96 2.29 -0.06	41.19 2.53 -0.88	43.17 3.45 -0.53	43.75 3.57 -0.01	46.12 3.81 -0.01	47.97 3.18 0.00	51.20 3.22 0.00	56.78 3.82 0.00	70.53 4.62 -0.85	79.17 5.22 -7.89	97.19 6.82 -20.07	100.03 7.13 -17.01	109.22 7.62 -17.89	83.75 5.63 -5.95	73.60 4.49 0.00	59.27 3.27 -0.52	48.77 3.74 0.52	42.17 3.05 0.00	40.23 3.05 0.00
PJM_GEN_VFT_PROXY 323633	40.51 2.33 0.01	39.07 1.68 0.00	38.80 1.74 0.00	37.20 1.73 -0.15	36.85 1.62 -0.07	39.11 1.51 0.00	39.51 1.74 0.00	40.66 2.74 1.27	42.35 2.77 0.59	42.62 3.05 2.73	42.08 3.18 5.89	42.08 3.41 9.31	43.04 3.86 13.79	46.42 4.62 23.26	56.94 4.89 14.01	74.07 6.46 2.70	81.77 6.98 1.10	89.82 7.62 1.51	60.59 5.84 17.42	53.00 4.91 21.02	50.04 3.50 8.93	41.56 3.37 7.36	42.09 3.05 0.08	39.44 2.27 0.01
PLATSBRG_115KV_PMLD1 355749	37.46 -0.73 0.00	37.05 -0.34 0.00	36.69 -0.37 0.00	35.07 -0.25 0.00	34.92 -0.25 0.00	37.41 -0.19 0.00	37.66 -0.11 0.00	38.60 -0.59 0.00	39.81 -0.36 0.00	41.42 -0.89 0.00	43.49 -1.30 0.00	46.50 -1.49 0.00	51.33 -1.64 0.00	63.37 -1.69 0.00	64.54 -1.52 0.00	67.98 -2.32 0.00	73.69 -2.20 0.00	80.03 -3.68 0.00	69.93 -2.24 0.00	67.04 -2.07 0.00	53.92 -1.55 0.00	43.82 -1.73 0.00	38.61 -0.51 0.00	37.93 0.74 0.00

PLEASANTVLY___LBMP 24000	40.21 2.02 0.00	38.92 1.53 0.00	38.58 1.52 0.00	36.97 1.48 -0.17	36.61 1.37 -0.08	39.03 1.43 0.00	39.40 1.62 0.00	41.58 2.39 0.00	42.58 2.41 0.00	44.93 2.62 0.00	47.57 2.78 0.00	50.86 2.88 0.00	56.41 3.44 0.00	69.87 3.90 -0.90	78.58 4.16 -8.35	96.63 5.13 -21.19	99.40 5.54 -17.97	108.77 6.11 -18.94	83.30 4.84 -6.30	73.39 4.28 0.00	58.64 3.16 0.00	48.47 2.92 0.00	41.66 2.54 0.00	38.93 1.75 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.75 2.56 0.00	39.37 1.98 0.00	39.06 2.00 0.00	37.41 1.94 -0.15	37.03 1.79 -0.07	39.44 1.84 0.00	39.85 2.08 0.00	42.13 2.94 0.00	43.18 3.01 0.00	45.56 3.26 0.00	48.28 3.49 0.00	51.63 3.65 0.00	57.26 4.29 0.00	70.86 4.94 -0.86	79.24 5.22 -7.96	97.10 6.54 -20.26	100.11 7.06 -17.16	109.56 7.79 -18.05	84.31 6.13 -6.00	74.43 5.32 0.00	59.42 3.94 0.00	49.19 3.64 0.00	42.21 3.09 0.00	39.45 2.27 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.75 2.56 0.00	39.37 1.98 0.00	39.06 2.00 0.00	37.41 1.94 -0.15	37.03 1.79 -0.07	39.44 1.84 0.00	39.85 2.08 0.00	42.13 2.94 0.00	43.18 3.01 0.00	45.56 3.26 0.00	48.28 3.49 0.00	51.63 3.65 0.00	57.26 4.29 0.00	70.86 4.94 -0.86	79.24 5.22 -7.96	97.10 6.54 -20.26	100.11 7.06 -17.16	109.56 7.79 -18.05	84.31 6.13 -6.00	74.43 5.32 0.00	59.42 3.94 0.00	49.19 3.64 0.00	42.21 3.09 0.00	39.45 2.27 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.56 2.37 0.00	39.25 1.87 0.00	38.91 1.85 0.00	37.04 1.77 0.04	36.79 1.65 0.02	39.33 1.73 0.00	39.74 1.96 0.00	41.86 2.67 0.00	42.86 2.69 0.00	45.22 2.92 0.00	47.88 3.09 0.00	51.30 3.31 0.00	56.89 3.92 0.00	70.44 4.49 -0.90	78.98 4.62 -8.29	96.88 5.76 -20.81	99.80 6.22 -17.69	109.47 6.95 -18.80	83.98 5.56 -6.25	74.15 5.04 0.00	59.19 3.72 0.00	48.97 3.42 0.00	42.02 2.89 0.00	39.26 2.08 0.00
POLETTI____ 23519	40.75 2.56 0.00	39.29 1.91 0.00	39.02 1.96 0.00	37.44 1.98 -0.15	37.06 1.83 -0.07	39.40 1.80 0.00	39.74 1.96 0.00	42.17 2.98 0.00	43.18 3.01 0.00	45.61 3.30 0.00	48.33 3.54 0.00	51.68 3.69 0.00	57.31 4.34 0.00	70.86 4.94 -0.85	79.23 5.29 -7.88	97.19 6.82 -20.06	100.25 7.36 -17.00	109.63 8.04 -17.88	84.32 6.21 -5.94	74.43 5.32 0.00	59.30 3.83 0.00	49.19 3.64 0.00	42.37 3.25 0.00	39.49 2.31 0.00
POMONA___ESR 323819	40.48 2.29 0.00	39.10 1.72 0.00	38.80 1.74 0.00	37.08 1.63 -0.13	36.77 1.55 -0.06	39.18 1.58 0.00	39.59 1.81 0.00	41.82 2.63 0.00	42.86 2.69 0.00	45.22 2.92 0.00	47.79 3.00 0.00	51.25 3.26 0.00	56.67 3.71 0.00	70.23 4.36 -0.81	78.19 4.62 -7.50	95.27 5.83 -19.13	98.39 6.30 -16.20	107.68 6.94 -17.02	83.31 5.48 -5.66	73.74 4.63 0.00	58.92 3.44 0.00	48.78 3.23 0.00	41.97 2.85 0.00	39.30 2.12 0.00
PORT_JEFF_3 23555	50.16 3.78 -8.19	45.23 3.29 -4.56	43.34 3.37 -2.91	38.73 3.25 -0.17	38.42 3.17 -0.09	40.94 3.27 -0.07	44.46 3.51 -3.17	50.66 4.39 -7.08	49.68 4.50 -5.01	60.28 4.48 -13.49	76.67 3.58 -28.29	138.55 3.50 -87.06	145.79 3.97 -88.85	359.59 4.94 -289.59	308.32 5.61 -236.64	326.16 7.24 -248.62	310.99 7.52 -227.58	357.99 8.04 -266.23	272.95 5.99 -194.80	262.96 4.84 -189.01	168.26 3.50 -109.28	138.55 4.05 -88.95	52.62 3.52 -9.97	46.48 3.79 -5.50
PORT_JEFF_4 23616	50.16 3.78 -8.19	45.23 3.29 -4.56	43.34 3.37 -2.91	38.73 3.25 -0.17	38.42 3.17 -0.09	40.94 3.27 -0.07	44.46 3.51 -3.17	50.66 4.39 -7.08	49.68 4.50 -5.01	60.28 4.48 -13.49	76.67 3.58 -28.29	138.55 3.50 -87.06	145.79 3.97 -88.85	359.59 4.94 -289.59	308.32 5.61 -236.64	326.16 7.24 -248.62	310.99 7.52 -227.58	357.99 8.04 -266.23	272.95 5.99 -194.80	262.96 4.84 -189.01	168.26 3.50 -109.28	138.55 4.05 -88.95	52.62 3.52 -9.97	46.48 3.79 -5.50
PORT_JEFF_IC 23713	50.68 3.97 -8.52	45.39 3.44 -4.57	43.51 3.52 -2.92	38.84 3.36 -0.17	38.52 3.27 -0.09	41.06 3.39 -0.08	44.96 3.66 -3.53	51.78 4.54 -8.04	50.29 4.70 -5.43	62.63 4.74 -15.59	81.11 3.63 -32.69	147.22 3.60 -95.64	154.85 4.18 -97.70	388.02 5.14 -317.82	339.13 5.81 -267.25	362.00 7.53 -284.17	344.12 7.89 -260.34	397.03 8.45 -304.86	297.65 6.28 -219.20	287.67 5.11 -213.44	168.74 3.66 -109.60	147.51 4.14 -97.81	53.47 3.56 -10.79	47.12 3.98 -5.96
PPL PILGRIM_ST_GT1 24216	51.29 4.01 -9.09	45.30 3.40 -4.51	43.33 3.41 -2.87	38.87 3.39 -0.16	38.55 3.30 -0.08	41.12 3.46 -0.06	42.76 3.59 -1.40	46.47 4.51 -2.77	50.94 4.62 -6.15	49.72 4.65 -2.76	54.41 3.85 -5.77	69.44 3.70 -17.76	75.43 4.34 -18.12	130.19 5.40 -59.74	126.81 6.21 -54.54	144.93 7.94 -66.68	144.12 8.27 -59.95	161.12 8.87 -68.53	123.27 6.64 -44.46	113.05 5.39 -38.55	81.70 3.94 -22.29	67.93 4.24 -18.14	55.22 3.79 -12.31	48.11 4.16 -6.76
PPL PILGRIM_ST_GT2 24217	51.29 4.01 -9.09	45.30 3.40 -4.51	43.33 3.41 -2.87	38.87 3.39 -0.16	38.55 3.30 -0.08	41.12 3.46 -0.06	42.76 3.59 -1.40	46.47 4.51 -2.77	50.94 4.62 -6.15	49.72 4.65 -2.76	54.41 3.85 -5.77	69.44 3.70 -17.76	75.43 4.34 -18.12	130.19 5.40 -59.74	126.81 6.21 -54.54	144.93 7.94 -66.68	144.12 8.27 -59.95	161.12 8.87 -68.53	123.27 6.64 -44.46	113.05 5.39 -38.55	81.70 3.94 -22.29	67.93 4.24 -18.14	55.22 3.79 -12.31	48.11 4.16 -6.76
PPL_SHRM_GT3 24213	50.87 4.43 -8.25	45.76 3.82 -4.56	43.86 3.89 -2.91	39.19 3.71 -0.17	38.87 3.62 -0.09	41.47 3.80 -0.07	45.03 4.04 -3.22	51.42 5.02 -7.21	50.40 5.14 -5.09	61.45 5.37 -13.78	78.33 4.66 -28.89	159.11 4.84 -106.28	166.69 5.61 -108.11	426.07 6.96 -354.04	331.97 7.07 -258.83	331.73 8.01 -253.41	316.24 8.35 -232.00	364.20 9.04 -271.44	295.90 7.58 -216.15	286.46 6.98 -210.37	230.77 5.33 -169.97	159.13 5.37 -108.21	53.74 4.50 -10.13	47.34 4.57 -5.59
PPL_SHRM_GT4 24214	50.87 4.43 -8.25	45.76 3.82 -4.56	43.86 3.89 -2.91	39.19 3.71 -0.17	38.87 3.62 -0.09	41.47 3.80 -0.07	45.03 4.04 -3.22	51.42 5.02 -7.21	50.40 5.14 -5.09	61.45 5.37 -13.78	78.33 4.66 -28.89	159.11 4.84 -106.28	166.69 5.61 -108.11	426.07 6.96 -354.04	331.97 7.07 -258.83	331.73 8.01 -253.41	316.24 8.35 -232.00	364.20 9.04 -271.44	295.90 7.58 -216.15	286.46 6.98 -210.37	230.77 5.33 -169.97	159.13 5.37 -108.21	53.74 4.50 -10.13	47.34 4.57 -5.59
PROJECT___ORANGE 1 24174	38.34 0.15 0.00	37.31 -0.07 0.00	36.95 -0.11 0.00	35.18 -0.14 0.00	35.09 -0.07 0.00	37.52 -0.08 0.00	37.85 0.08 0.00	39.35 0.16 0.00	40.45 0.28 0.00	42.69 0.38 0.00	45.28 0.49 0.00	48.56 0.58 0.00	53.44 0.48 0.00	65.71 0.65 0.00	66.66 0.59 0.00	71.97 0.49 -1.17	77.04 0.38 -0.76	84.32 0.59 -0.02	72.61 0.43 0.00	69.59 0.48 0.00	55.98 0.50 0.00	45.91 0.36 0.00	39.12 0.00 0.00	37.07 -0.11 0.00
PROJECT___ORANGE 2 24166	38.34 0.15 0.00	37.31 -0.07 0.00	36.95 -0.11 0.00	35.18 -0.14 0.00	35.09 -0.07 0.00	37.52 -0.08 0.00	37.85 0.08 0.00	39.35 0.16 0.00	40.45 0.28 0.00	42.69 0.38 0.00	45.28 0.49 0.00	48.56 0.58 0.00	53.44 0.48 0.00	65.71 0.65 0.00	66.66 0.59 0.00	71.97 0.49 -1.17	77.04 0.38 -0.76	84.32 0.59 -0.02	72.61 0.43 0.00	69.59 0.48 0.00	55.98 0.50 0.00	45.91 0.36 0.00	39.12 0.00 0.00	37.07 -0.11 0.00

PUCKETT___SOLAR 323809	39.91 1.72 0.00	38.77 1.38 0.00	38.36 1.30 0.00	36.55 1.24 0.00	36.43 1.26 0.00	38.95 1.35 0.00	39.32 1.55 0.00	40.91 1.72 0.00	41.93 1.77 0.00	44.17 1.86 0.00	46.94 2.15 0.00	50.19 2.21 0.00	55.35 2.39 0.00	67.98 2.67 -0.25	71.18 2.77 -2.34	79.39 2.67 -6.41	84.05 2.81 -5.34	92.81 3.77 -5.32	77.40 3.46 -1.77	72.70 3.59 0.00	58.36 2.88 0.00	47.78 2.23 0.00	40.57 1.45 0.00	38.48 1.30 0.00
PYRITES___HYD 24023	36.85 -1.34 0.00	36.41 -0.97 0.00	36.06 -1.00 0.00	34.40 -0.92 0.00	34.25 -0.91 0.00	36.70 -0.90 0.00	36.72 -1.06 0.00	37.51 -1.69 0.00	38.48 -1.69 0.00	39.98 -2.33 0.00	42.33 -2.46 0.00	45.35 -2.64 0.00	49.95 -3.02 0.00	61.74 -3.32 0.00	62.76 -3.30 0.00	66.37 -3.94 0.00	71.79 -4.10 0.00	78.61 -5.11 0.00	68.64 -3.54 0.00	65.93 -3.18 0.00	52.87 -2.61 0.00	42.91 -2.64 0.00	37.63 -1.49 0.00	36.55 -0.63 0.00
QUAKERRD_115KV_BK1 80622	37.85 -0.34 0.00	36.75 -0.64 0.00	36.21 -0.85 0.00	34.51 -0.81 0.00	34.46 -0.70 0.00	36.85 -0.75 0.00	37.17 -0.60 0.00	38.29 -0.90 0.00	39.40 -0.76 0.00	41.54 -0.76 0.00	44.25 -0.54 0.00	47.60 -0.38 0.00	52.23 -0.74 0.00	64.16 -0.98 -0.08	65.71 -1.06 -0.70	70.99 -1.48 -2.17	75.61 -2.05 -1.76	83.06 -2.26 -1.60	70.83 -1.88 -0.53	68.00 -1.11 0.00	54.87 -0.61 0.00	44.87 -0.68 0.00	38.10 -1.02 0.00	36.33 -0.86 0.00
QUENSBRY_115KV_TB8 356137	41.89 3.70 0.00	40.60 3.21 0.00	40.21 3.15 0.00	38.04 2.90 0.18	38.03 2.95 0.08	40.76 3.16 0.00	41.21 3.44 0.00	43.19 4.00 0.00	44.35 4.18 0.00	46.83 4.53 0.00	49.67 4.88 0.00	53.41 5.42 0.00	58.48 5.51 0.00	75.05 7.22 -2.77	98.99 7.27 -25.66	116.99 6.68 -40.00	121.90 7.13 -38.88	149.45 7.87 -57.87	97.80 6.28 -19.35	74.98 5.87 0.00	60.97 5.49 0.00	50.11 4.56 0.00	42.72 3.60 0.00	40.01 2.83 0.00
RAMAPO___LBMP 323565	40.37 2.18 0.00	38.99 1.61 0.00	38.69 1.63 0.00	37.04 1.59 -0.13	36.70 1.48 -0.06	39.10 1.50 0.00	39.47 1.70 0.00	41.70 2.51 0.00	42.70 2.53 0.00	45.10 2.79 0.00	47.75 2.96 0.00	51.06 3.07 0.00	56.62 3.65 0.00	70.03 4.16 -0.81	77.89 4.36 -7.47	94.91 5.55 -19.05	98.02 6.00 -16.13	107.27 6.61 -16.94	83.00 5.20 -5.63	73.53 4.42 0.00	58.75 3.27 0.00	48.65 3.10 0.00	41.82 2.70 0.00	39.04 1.86 0.00
RANKINE___ 23646	39.30 1.11 0.00	38.02 0.64 0.00	37.39 0.33 0.00	35.60 0.28 0.00	35.65 0.49 0.00	38.05 0.45 0.00	38.49 0.72 0.00	39.11 -0.08 0.00	40.37 0.20 0.00	42.43 0.13 0.00	45.37 0.58 0.00	48.75 0.77 0.00	53.29 0.32 0.00	65.11 -0.07 -0.12	67.20 0.07 -1.07	71.66 -1.76 -3.11	75.87 -2.58 -2.56	84.47 -1.67 -2.43	72.18 -0.79 -0.81	69.18 0.07 0.00	56.09 0.61 0.00	45.96 0.41 0.00	38.96 -0.16 0.00	37.44 0.26 0.00
RAVENSWOOD_GT2_1 24244	40.83 2.64 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.48 2.01 -0.15	37.13 1.90 -0.07	39.48 1.88 0.00	39.85 2.08 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.69 3.38 0.00	48.37 3.58 0.00	51.73 3.74 0.00	57.36 4.40 0.00	70.99 5.07 -0.85	79.30 5.35 -7.88	97.19 6.82 -20.06	100.25 7.36 -17.00	109.72 8.12 -17.88	84.40 6.28 -5.94	74.57 5.46 0.00	59.42 3.94 0.00	49.24 3.69 0.00	42.45 3.33 0.00	39.56 2.38 0.00
RAVENSWOOD_GT2_2 24245	40.83 2.64 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.48 2.01 -0.15	37.13 1.90 -0.07	39.48 1.88 0.00	39.85 2.08 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.69 3.38 0.00	48.37 3.58 0.00	51.73 3.74 0.00	57.36 4.40 0.00	70.99 5.07 -0.85	79.30 5.35 -7.88	97.19 6.82 -20.06	100.25 7.36 -17.00	109.72 8.12 -17.88	84.40 6.28 -5.94	74.57 5.46 0.00	59.42 3.94 0.00	49.24 3.69 0.00	42.45 3.33 0.00	39.56 2.38 0.00
RAVENSWOOD_GT2_3 24246	40.86 2.67 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.48 1.88 0.00	39.85 2.08 0.00	42.29 3.10 0.00	43.30 3.13 0.00	45.73 3.43 0.00	48.42 3.63 0.00	51.78 3.79 0.00	57.42 4.45 0.00	70.99 5.07 -0.85	79.36 5.42 -7.88	97.26 6.89 -20.06	100.33 7.44 -17.00	109.80 8.20 -17.88	84.47 6.35 -5.94	74.64 5.53 0.00	59.42 3.94 0.00	49.29 3.74 0.00	42.48 3.36 0.00	39.60 2.42 0.00
RAVENSWOOD_GT2_4 24247	40.86 2.67 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.48 1.88 0.00	39.85 2.08 0.00	42.29 3.10 0.00	43.30 3.13 0.00	45.73 3.43 0.00	48.42 3.63 0.00	51.78 3.79 0.00	57.42 4.45 0.00	70.99 5.07 -0.85	79.36 5.42 -7.88	97.26 6.89 -20.06	100.33 7.44 -17.00	109.80 8.20 -17.88	84.47 6.35 -5.94	74.64 5.53 0.00	59.42 3.94 0.00	49.29 3.74 0.00	42.48 3.36 0.00	39.60 2.42 0.00
RAVENSWOOD_GT3_1 24248	40.83 2.64 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.48 1.88 0.00	39.85 2.08 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.69 3.38 0.00	48.37 3.58 0.00	51.73 3.74 0.00	57.42 4.45 0.00	70.99 5.07 -0.85	79.30 5.35 -7.88	97.26 6.89 -20.06	100.25 7.36 -17.00	109.72 8.12 -17.88	84.47 6.35 -5.94	74.57 5.46 0.00	59.42 3.94 0.00	49.24 3.69 0.00	42.45 3.33 0.00	39.56 2.38 0.00
RAVENSWOOD_GT3_2 24249	40.83 2.64 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.48 1.88 0.00	39.85 2.08 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.69 3.38 0.00	48.37 3.58 0.00	51.73 3.74 0.00	57.42 4.45 0.00	70.99 5.07 -0.85	79.30 5.35 -7.88	97.26 6.89 -20.06	100.25 7.36 -17.00	109.72 8.12 -17.88	84.47 6.35 -5.94	74.57 5.46 0.00	59.42 3.94 0.00	49.24 3.69 0.00	42.45 3.33 0.00	39.56 2.38 0.00
RAVENSWOOD_GT3_3 24250	40.90 2.71 0.00	39.44 2.06 0.00	39.17 2.11 0.00	37.55 2.08 -0.15	37.17 1.93 -0.07	39.56 1.96 0.00	39.93 2.15 0.00	42.33 3.14 0.00	43.34 3.17 0.00	45.77 3.47 0.00	48.51 3.72 0.00	51.82 3.84 0.00	57.52 4.56 0.00	71.12 5.20 -0.85	79.50 5.55 -7.88	97.40 7.03 -20.06	100.48 7.59 -17.00	109.97 8.37 -17.88	84.61 6.50 -5.94	74.71 5.60 0.00	59.53 4.05 0.00	49.38 3.83 0.00	42.52 3.40 0.00	39.64 2.45 0.00
RAVENSWOOD_GT3_4 24251	40.90 2.71 0.00	39.44 2.06 0.00	39.17 2.11 0.00	37.55 2.08 -0.15	37.17 1.93 -0.07	39.56 1.96 0.00	39.93 2.15 0.00	42.33 3.14 0.00	43.34 3.17 0.00	45.77 3.47 0.00	48.51 3.72 0.00	51.82 3.84 0.00	57.52 4.56 0.00	71.12 5.20 -0.85	79.50 5.55 -7.88	97.40 7.03 -20.06	100.48 7.59 -17.00	109.97 8.37 -17.88	84.61 6.50 -5.94	74.71 5.60 0.00	59.53 4.05 0.00	49.38 3.83 0.00	42.52 3.40 0.00	39.64 2.45 0.00
RAVENSWOOD_GT_1 23729	40.90 2.71 0.00	39.44 2.05 0.00	39.17 2.11 0.00	37.48 2.01 -0.15	37.10 1.86 -0.07	39.44 1.84 0.00	39.81 2.04 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.65 3.34 0.00	48.15 3.36 0.00	51.58 3.60 0.01	56.98 4.02 0.01	66.66 4.81 3.22	76.03 5.16 -4.81	94.00 6.75 -16.95	97.42 7.29 -14.24	107.92 8.04 -16.16	80.28 6.06 -2.04	69.49 5.19 4.81	58.88 3.77 0.37	49.10 3.56 0.01	42.57 3.44 -0.01	39.86 2.68 0.00

RAVENSWOOD_GT_10 24258	40.83 2.64 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.48 1.88 0.00	39.85 2.08 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.69 3.38 0.00	48.42 3.63 0.00	51.73 3.74 0.00	57.42 4.45 0.00	70.99 5.07 -0.85	79.29 5.42 -7.81	97.26 6.89 -20.06	100.33 7.44 -17.00	109.80 8.20 -17.88	84.47 6.35 -5.94	74.35 5.46 0.21	59.41 3.94 0.00	49.28 3.74 0.00	42.45 3.33 0.00	39.56 2.38 0.00
RAVENSWOOD_GT_11 24259	40.82 2.63 0.00	39.40 2.02 0.00	39.13 2.07 0.00	37.44 1.98 -0.15	37.09 1.86 -0.07	39.44 1.84 0.00	39.85 2.08 0.00	42.25 3.06 0.00	43.30 3.14 0.00	45.69 3.39 0.00	48.29 3.50 0.00	51.77 3.79 0.00	57.21 4.24 0.00	70.99 5.08 -0.85	79.29 5.42 -7.81	97.26 6.89 -20.06	100.33 7.44 -17.00	109.81 8.21 -17.88	84.47 6.35 -5.94	74.29 5.39 0.21	59.41 3.94 0.00	49.29 3.74 0.00	42.44 3.32 0.00	39.75 2.56 0.00
RAVENSWOOD_GT_4 24252	40.86 2.67 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.48 1.88 0.00	39.89 2.12 0.00	42.29 3.10 0.00	43.30 3.13 0.00	45.73 3.43 0.00	48.46 3.67 0.00	51.82 3.84 0.01	57.46 4.50 0.01	67.95 5.14 2.25	77.09 5.48 -5.55	94.95 6.96 -17.69	98.31 7.51 -14.90	108.58 8.29 -16.57	81.57 6.42 -2.97	70.98 5.53 3.66	59.19 3.99 0.28	49.33 3.78 0.00	42.45 3.33 -0.01	39.56 2.38 0.00
RAVENSWOOD_GT_5 24254	40.86 2.67 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.48 1.88 0.00	39.89 2.12 0.00	42.29 3.10 0.00	43.30 3.13 0.00	45.73 3.43 0.00	48.46 3.67 0.00	51.82 3.84 0.01	57.46 4.50 0.01	67.95 5.14 2.25	77.09 5.48 -5.55	94.95 6.96 -17.69	98.31 7.51 -14.90	108.58 8.29 -16.57	81.57 6.42 -2.97	70.98 5.53 3.66	59.19 3.99 0.28	49.33 3.78 0.00	42.45 3.33 -0.01	39.56 2.38 0.00
RAVENSWOOD_GT_6 24253	40.86 2.67 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.48 1.88 0.00	39.89 2.12 0.00	42.29 3.10 0.00	43.30 3.13 0.00	45.73 3.43 0.00	48.46 3.67 0.00	51.82 3.84 0.01	57.46 4.50 0.01	67.95 5.14 2.25	77.09 5.48 -5.55	94.95 6.96 -17.69	98.31 7.51 -14.90	108.58 8.29 -16.57	81.57 6.42 -2.97	70.98 5.53 3.66	59.19 3.99 0.28	49.33 3.78 0.00	42.45 3.33 -0.01	39.56 2.38 0.00
RAVENSWOOD_GT_7 24255	40.86 2.67 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.48 1.88 0.00	39.89 2.12 0.00	42.29 3.10 0.00	43.30 3.13 0.00	45.73 3.43 0.00	48.46 3.67 0.00	51.82 3.84 0.01	57.46 4.50 0.01	67.95 5.14 2.25	77.09 5.48 -5.55	94.95 6.96 -17.69	98.31 7.51 -14.90	108.58 8.29 -16.57	81.57 6.42 -2.97	70.98 5.53 3.66	59.19 3.99 0.28	49.33 3.78 0.00	42.45 3.33 -0.01	39.56 2.38 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.83 2.64 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.48 1.88 0.00	39.85 2.08 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.69 3.38 0.00	48.42 3.63 0.00	51.73 3.74 0.00	57.42 4.45 0.00	70.99 5.07 -0.85	79.29 5.42 -7.81	97.26 6.89 -20.06	100.33 7.44 -17.00	109.80 8.20 -17.88	84.47 6.35 -5.94	74.35 5.46 0.21	59.41 3.94 0.00	49.28 3.74 0.00	42.45 3.33 0.00	39.56 2.38 0.00
RAVENSWOOD_GT_9 24257	40.83 2.64 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.48 1.88 0.00	39.85 2.08 0.00	42.25 3.06 0.00	43.26 3.09 0.00	45.69 3.38 0.00	48.42 3.63 0.00	51.73 3.74 0.00	57.42 4.45 0.00	70.99 5.07 -0.85	79.29 5.42 -7.81	97.26 6.89 -20.06	100.33 7.44 -17.00	109.80 8.20 -17.88	84.47 6.35 -5.94	74.35 5.46 0.21	59.41 3.94 0.00	49.28 3.74 0.00	42.45 3.33 0.00	39.56 2.38 0.00
RAVENSWOOD___1 23533	40.86 2.67 0.00	39.40 2.02 0.00	39.17 2.11 0.00	37.44 1.98 -0.15	37.06 1.83 -0.07	39.44 1.84 0.00	39.81 2.04 0.00	42.21 3.02 0.00	43.22 3.05 0.00	45.61 3.30 0.00	48.10 3.31 0.00	51.53 3.55 0.01	56.98 4.02 0.01	61.27 4.81 8.61	72.65 5.09 -1.50	89.80 6.68 -12.81	93.69 7.21 -10.58	105.56 7.96 -13.89	75.11 6.06 3.12	65.21 5.11 9.01	58.34 3.72 0.85	49.10 3.56 0.01	42.56 3.44 0.00	39.82 2.64 0.00
RAVENSWOOD___2 23534	40.79 2.60 0.00	39.33 1.94 0.00	39.06 2.00 0.00	37.37 1.91 -0.15	36.99 1.76 -0.07	39.33 1.73 0.00	39.70 1.93 0.00	42.13 2.94 0.00	43.14 2.97 0.00	45.52 3.21 0.00	47.79 3.00 0.00	51.09 3.12 0.01	56.51 3.55 0.01	60.53 4.23 8.76	72.03 4.55 -1.41	89.05 6.05 -12.70	92.90 6.53 -10.48	104.74 7.20 -13.82	74.32 5.42 3.26	64.47 4.49 9.13	57.83 3.22 0.86	48.73 3.19 0.01	42.44 3.32 0.00	39.75 2.56 0.00
RAVENSWOOD___3 23535	40.82 2.63 0.00	39.40 2.02 0.00	39.13 2.07 0.00	37.44 1.98 -0.15	37.09 1.86 -0.07	39.44 1.84 0.00	39.85 2.08 0.00	42.25 3.06 0.00	43.30 3.14 0.00	45.69 3.39 0.00	48.29 3.50 0.00	51.73 3.75 0.00	57.21 4.24 0.00	70.99 5.08 -0.85	79.30 5.35 -7.88	97.26 6.89 -20.06	100.33 7.44 -17.00	109.81 8.21 -17.88	84.39 6.28 -5.94	74.50 5.39 0.00	59.42 3.94 0.00	49.24 3.69 0.00	42.49 3.36 0.00	39.75 2.56 0.00
RAVENSWOOD___4 23820	40.82 2.63 0.00	39.36 1.98 0.00	39.13 2.07 0.00	37.41 1.94 -0.15	37.02 1.79 -0.07	39.40 1.80 0.00	39.77 2.00 0.00	42.17 2.98 0.00	43.22 3.05 0.00	45.61 3.30 0.00	48.10 3.31 0.00	51.48 3.50 0.01	56.93 3.97 0.01	55.73 4.75 14.08	69.30 5.09 1.85	85.54 6.61 -8.63	89.89 7.13 -6.87	103.16 7.87 -11.58	69.80 5.99 8.36	60.88 5.04 13.28	57.80 3.66 1.34	49.05 3.51 0.01	42.51 3.40 0.01	39.78 2.60 0.00
RCPL_TRUST___DRP 24196	40.86 2.67 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.52 1.92 0.00	39.89 2.12 0.00	42.33 3.14 0.00	43.34 3.17 0.00	45.77 3.47 0.00	48.51 3.72 0.00	51.87 3.89 0.00	57.52 4.56 0.00	71.12 5.20 -0.85	79.50 5.55 -7.88	97.47 7.10 -20.06	100.56 7.67 -17.00	110.05 8.46 -17.88	84.61 6.50 -5.94	74.71 5.60 0.00	59.53 4.05 0.00	49.38 3.83 0.00	42.48 3.36 0.00	39.60 2.42 0.00
RED___ROCHESTER 323720	39.22 1.03 0.00	37.98 0.60 0.00	37.39 0.33 0.00	35.71 0.39 0.00	35.62 0.46 0.00	38.09 0.49 0.00	38.41 0.64 0.00	39.47 0.28 0.00	40.73 0.56 0.00	42.85 0.55 0.00	45.77 0.98 0.00	49.23 1.25 0.00	54.34 1.37 0.00	66.18 1.04 -0.08	67.72 0.92 -0.73	72.97 0.42 -2.25	77.65 -0.08 -1.83	85.22 -0.17 -1.67	72.87 0.14 -0.55	70.15 1.04 0.00	56.70 1.22 0.00	46.32 0.77 0.00	39.43 0.31 0.00	37.48 0.30 0.00
REGAN___SOLAR 323812	42.93 4.73 0.00	41.76 4.37 0.00	41.36 4.30 0.00	39.19 3.99 0.12	39.15 4.04 0.06	41.96 4.36 0.00	42.80 5.02 0.00	44.84 5.64 0.00	46.03 5.86 0.00	48.35 6.05 0.00	51.11 6.32 0.00	54.90 6.91 0.00	60.60 7.63 0.00	78.21 10.21 -2.93	103.75 10.51 -27.19	122.57 10.76 -41.51	128.28 11.76 -40.62	158.23 13.22 -61.29	104.36 11.69 -20.50	79.96 10.85 0.00	65.18 9.71 0.00	52.93 7.38 0.00	44.99 5.87 0.00	42.17 4.98 0.00

RENSSELAER___COGEN 23796	39.15 0.96 0.00	38.06 0.67 0.00	37.73 0.67 0.00	35.76 0.60 0.16	35.65 0.56 0.08	38.20 0.60 0.00	38.53 0.76 0.00	40.45 1.25 0.00	41.37 1.20 0.00	43.62 1.31 0.00	45.95 1.16 0.00	49.19 1.20 0.00	54.40 1.43 0.00	68.69 1.76 -1.87	85.19 1.78 -17.35	104.37 2.04 -32.03	107.62 2.20 -29.52	125.33 2.43 -39.18	87.27 2.02 -13.08	70.90 1.79 0.00	56.97 1.50 0.00	46.96 1.41 0.00	40.49 1.37 0.00	38.04 0.86 0.00
REPUBLIC_115KV_BARTNBRK 55605	45.03 6.84 0.00	43.48 6.09 0.00	42.99 5.93 0.00	40.58 5.44 0.18	40.67 5.59 0.08	43.54 5.94 0.00	44.08 6.31 0.00	46.21 7.02 0.00	47.64 7.47 0.00	50.47 8.16 0.00	53.66 8.87 0.00	57.87 9.88 0.00	62.93 9.96 0.00	81.10 13.27 -2.76	104.80 13.15 -25.59	122.89 12.65 -39.93	128.04 13.36 -38.79	155.99 14.57 -57.70	103.95 12.49 -19.29	80.86 11.75 0.00	66.29 10.82 0.00	53.98 8.43 0.00	45.69 6.57 0.00	42.69 5.50 0.00
REVERE_CPPR_DRP 24186	39.68 1.49 0.00	38.65 1.27 0.00	38.21 1.15 0.00	36.38 1.06 0.00	36.25 1.09 0.00	38.80 1.20 0.00	39.13 1.36 0.00	40.76 1.57 0.00	41.77 1.61 0.00	44.12 1.82 0.00	46.90 2.11 0.00	50.24 2.26 0.00	55.19 2.22 0.00	67.92 2.86 0.00	68.90 2.84 0.00	73.88 2.88 -0.69	79.38 3.04 -0.45	87.33 3.60 -0.01	75.20 3.03 0.00	72.29 3.18 0.00	57.86 2.39 0.00	47.24 1.69 0.00	40.29 1.17 0.00	38.26 1.08 0.00
REYNOLDS_115KV_TB3 80639	39.49 1.30 0.00	38.36 0.97 0.00	38.02 0.96 0.00	36.01 0.88 0.19	35.92 0.84 0.09	38.50 0.90 0.00	38.87 1.10 0.00	40.80 1.61 0.00	41.77 1.61 0.00	44.04 1.73 0.00	46.54 1.75 0.00	49.76 1.78 0.00	55.14 2.17 0.00	69.65 2.60 -1.99	87.10 2.64 -18.40	106.25 2.95 -32.99	109.68 3.11 -30.68	128.77 3.52 -41.54	89.00 2.96 -13.87	71.87 2.76 0.00	57.64 2.16 0.00	47.46 1.91 0.00	40.80 1.68 0.00	38.22 1.04 0.00
RIVERBAY____ 323610	41.36 3.17 0.00	39.74 2.36 0.00	39.62 2.56 0.00	37.73 2.26 -0.15	37.31 2.07 -0.07	39.63 2.03 0.00	39.93 2.15 0.00	42.41 3.21 0.00	43.38 3.21 0.00	45.73 3.43 0.00	48.37 3.58 0.00	51.77 3.79 0.01	57.67 4.71 0.01	71.30 5.40 -0.84	79.69 5.75 -7.88	97.67 7.31 -20.06	100.78 7.89 -16.99	110.30 8.71 -17.87	84.82 6.71 -5.94	74.98 5.87 0.01	59.74 4.27 0.01	49.28 3.74 0.01	42.68 3.56 0.00	39.97 2.79 0.00
RIVERSDE_115KV_TB3 55908	39.41 1.22 0.00	38.28 0.90 0.00	37.95 0.89 0.00	35.95 0.81 0.18	35.85 0.77 0.08	38.43 0.83 0.00	38.79 1.02 0.00	40.68 1.49 0.00	41.69 1.53 0.00	43.91 1.61 0.00	46.40 1.61 0.00	49.66 1.68 0.00	54.98 2.01 0.00	69.54 2.47 -2.00	87.12 2.51 -18.55	106.28 2.88 -33.17	109.64 3.26 -30.87	128.87 3.26 -41.88	88.90 2.74 -13.99	71.67 2.56 0.00	57.53 2.05 0.00	47.33 1.78 0.00	40.72 1.60 0.00	38.15 0.97 0.00
ROARING___BROOK_WT_PWR 323790	37.54 -0.65 0.00	36.86 -0.52 0.00	36.54 -0.52 0.00	34.82 -0.49 0.00	34.70 -0.46 0.00	37.11 -0.49 0.00	37.28 -0.49 0.00	39.00 -0.19 0.00	40.01 -0.16 0.00	42.18 -0.13 0.00	44.61 -0.18 0.00	47.70 -0.29 0.00	52.65 -0.32 0.00	64.67 -0.39 0.00	65.73 -0.33 0.00	70.23 -0.07 0.00	75.97 0.08 0.00	84.05 0.34 0.00	72.39 0.22 0.00	69.39 0.28 0.00	55.64 0.17 0.00	45.69 0.14 0.00	39.20 0.08 0.00	37.18 0.00 0.00
ROCHESRG_115KV_T4 355643	38.76 0.57 0.00	37.57 0.19 0.00	37.02 -0.04 0.00	35.25 -0.07 0.00	35.23 0.07 0.00	37.68 0.08 0.00	38.00 0.23 0.00	39.00 -0.20 0.00	40.17 0.00 0.00	42.31 0.00 0.00	45.10 0.31 0.00	48.51 0.53 0.00	53.13 0.16 0.00	65.27 0.13 -0.08	66.86 0.07 -0.73	72.11 -0.42 -2.23	76.72 -0.99 -1.81	84.28 -1.09 -1.66	72.00 -0.72 -0.55	69.25 0.14 0.00	55.92 0.44 0.00	45.78 0.23 0.00	38.85 -0.27 0.00	37.07 -0.11 0.00
ROCHESTER_9_IC 23652	38.99 0.80 0.00	37.79 0.41 0.00	37.21 0.15 0.00	35.46 0.14 0.00	35.41 0.25 0.00	37.90 0.30 0.00	38.23 0.45 0.00	39.27 0.08 0.00	40.41 0.24 0.00	42.60 0.30 0.00	45.42 0.63 0.00	48.90 0.91 0.00	53.55 0.58 0.00	65.73 0.59 -0.08	67.33 0.53 -0.73	72.55 0.00 -2.25	77.27 -0.46 -1.83	84.89 -0.50 -1.67	72.51 -0.22 -0.55	69.73 0.62 0.00	56.31 0.83 0.00	46.10 0.55 0.00	39.08 -0.04 0.00	37.29 0.11 0.00
ROCKVIEW_13_KV_LD 356306	40.98 2.79 0.00	39.55 2.17 0.00	39.25 2.19 0.00	37.58 2.12 -0.15	37.20 1.97 -0.07	39.63 2.03 0.00	40.04 2.27 0.00	42.37 3.17 0.00	43.42 3.25 0.00	45.86 3.55 0.00	48.60 3.81 0.00	51.97 3.98 0.00	57.63 4.66 0.00	71.31 5.40 -0.85	79.63 5.68 -7.88	97.47 7.10 -20.07	100.56 7.67 -17.00	110.05 8.46 -17.88	84.83 6.71 -5.94	74.91 5.81 0.00	59.75 4.27 0.00	49.51 3.96 0.00	42.52 3.40 0.00	39.67 2.49 0.00
ROME____115KV_TB2 80656	39.68 1.49 0.00	38.65 1.27 0.00	38.21 1.15 0.00	36.38 1.06 0.00	36.25 1.09 0.00	38.80 1.20 0.00	39.13 1.36 0.00	40.76 1.57 0.00	41.77 1.61 0.00	44.12 1.82 0.00	46.90 2.11 0.00	50.24 2.26 0.00	55.19 2.22 0.00	67.92 2.86 0.00	68.90 2.84 0.00	73.88 2.88 -0.69	79.38 3.04 -0.45	87.33 3.60 -0.01	75.20 3.03 0.00	72.29 3.18 0.00	57.86 2.39 0.00	47.24 1.69 0.00	40.29 1.17 0.00	38.26 1.08 0.00
ROSETON___1 23587	40.18 1.98 0.00	38.88 1.50 0.00	38.58 1.52 0.00	36.87 1.41 -0.13	36.56 1.34 -0.06	38.95 1.35 0.00	39.36 1.59 0.00	41.50 2.31 0.00	42.54 2.37 0.00	44.89 2.58 0.00	47.39 2.60 0.00	50.72 2.73 0.00	56.09 3.12 0.00	69.61 3.71 -0.85	77.79 3.90 -7.84	95.24 4.92 -20.02	98.15 5.31 -16.95	107.35 5.86 -17.77	82.70 4.62 -5.91	73.05 3.94 0.00	58.47 2.99 0.00	48.38 2.83 0.00	41.59 2.47 0.00	39.00 1.82 0.00
ROSETON___2 23588	40.18 1.98 0.00	38.88 1.50 0.00	38.58 1.52 0.00	36.87 1.41 -0.13	36.56 1.34 -0.06	38.95 1.35 0.00	39.36 1.59 0.00	41.50 2.31 0.00	42.54 2.37 0.00	44.89 2.58 0.00	47.39 2.60 0.00	50.72 2.73 0.00	56.09 3.12 0.00	69.61 3.71 -0.85	77.79 3.90 -7.84	95.24 4.92 -20.02	98.15 5.31 -16.95	107.35 5.86 -17.77	82.70 4.62 -5.91	73.05 3.94 0.00	58.47 2.99 0.00	48.38 2.83 0.00	41.59 2.47 0.00	39.00 1.82 0.00
ROTTDRAM_115KV_TB3 80664	39.99 1.79 0.00	38.92 1.53 0.00	38.58 1.52 0.00	36.59 1.41 0.14	36.50 1.41 0.07	39.10 1.50 0.00	39.44 1.66 0.00	41.31 2.12 0.00	42.26 2.09 0.00	44.55 2.24 0.00	47.16 2.37 0.00	50.53 2.54 0.00	55.88 2.91 0.00	71.57 3.58 -2.93	96.88 3.63 -27.19	115.68 3.87 -41.51	120.61 4.10 -40.62	149.61 4.60 -61.29	96.57 3.90 -20.50	72.77 3.66 0.00	58.53 3.05 0.00	48.10 2.55 0.00	41.19 2.07 0.00	38.71 1.52 0.00
RUSSELL___1 23602	39.22 1.03 0.00	37.98 0.60 0.00	37.39 0.33 0.00	35.60 0.28 0.00	35.58 0.42 0.00	38.09 0.49 0.00	38.42 0.64 0.00	39.47 0.27 0.00	40.65 0.48 0.00	42.86 0.55 0.00	45.69 0.90 0.00	49.23 1.25 0.00	53.87 0.90 0.00	66.12 0.98 -0.08	67.72 0.92 -0.73	72.97 0.42 -2.25	77.65 -0.08 -1.83	85.39 0.00 -1.67	72.87 0.14 -0.55	70.15 1.04 0.00	56.70 1.22 0.00	46.37 0.82 0.00	39.28 0.16 0.00	37.48 0.30 0.00

RUSSELL___2 23532	39.22 1.03 0.00	37.98 0.60 0.00	37.39 0.33 0.00	35.60 0.28 0.00	35.58 0.42 0.00	38.09 0.49 0.00	38.42 0.64 0.00	39.47 0.27 0.00	40.65 0.48 0.00	42.86 0.55 0.00	45.69 0.90 0.00	49.23 1.25 0.00	53.87 0.90 0.00	66.12 0.98 -0.08	67.72 0.92 -0.73	72.97 0.42 -2.25	77.65 -0.08 -1.83	85.39 0.00 -1.67	72.87 0.14 -0.55	70.15 1.04 0.00	56.70 1.22 0.00	46.37 0.82 0.00	39.28 0.16 0.00	37.48 0.30 0.00
RUSSELL___3 23549	39.22 1.03 0.00	37.98 0.60 0.00	37.39 0.33 0.00	35.60 0.28 0.00	35.58 0.42 0.00	38.09 0.49 0.00	38.42 0.64 0.00	39.47 0.27 0.00	40.65 0.48 0.00	42.86 0.55 0.00	45.69 0.90 0.00	49.23 1.25 0.00	53.87 0.90 0.00	66.12 0.98 -0.08	67.72 0.92 -0.73	72.97 0.42 -2.25	77.65 -0.08 -1.83	85.39 0.00 -1.67	72.87 0.14 -0.55	70.15 1.04 0.00	56.70 1.22 0.00	46.37 0.82 0.00	39.28 0.16 0.00	37.48 0.30 0.00
RUSSELL___4 23556	39.22 1.03 0.00	37.98 0.60 0.00	37.39 0.33 0.00	35.60 0.28 0.00	35.58 0.42 0.00	38.09 0.49 0.00	38.42 0.64 0.00	39.47 0.27 0.00	40.65 0.48 0.00	42.86 0.55 0.00	45.69 0.90 0.00	49.23 1.25 0.00	53.87 0.90 0.00	66.12 0.98 -0.08	67.72 0.92 -0.73	72.97 0.42 -2.25	77.65 -0.08 -1.83	85.39 0.00 -1.67	72.87 0.14 -0.55	70.15 1.04 0.00	56.70 1.22 0.00	46.37 0.82 0.00	39.28 0.16 0.00	37.48 0.30 0.00
RUSSELL___STATION 23914	39.22 1.03 0.00	37.98 0.60 0.00	37.39 0.33 0.00	35.60 0.28 0.00	35.58 0.42 0.00	38.09 0.49 0.00	38.42 0.64 0.00	39.47 0.27 0.00	40.65 0.48 0.00	42.86 0.55 0.00	45.69 0.90 0.00	49.23 1.25 0.00	53.87 0.90 0.00	66.12 0.98 -0.08	67.72 0.92 -0.73	72.97 0.42 -2.25	77.65 -0.08 -1.83	85.39 0.00 -1.67	72.87 0.14 -0.55	70.15 1.04 0.00	56.70 1.22 0.00	46.37 0.82 0.00	39.28 0.16 0.00	37.48 0.30 0.00
S SALMON___HYD 24043	38.31 0.11 0.00	37.31 -0.07 0.00	36.91 -0.15 0.00	35.18 -0.14 0.00	35.09 -0.07 0.00	37.52 -0.08 0.00	37.89 0.11 0.00	39.39 0.20 0.00	40.45 0.28 0.00	42.64 0.34 0.00	45.28 0.49 0.00	48.46 0.48 0.00	53.39 0.42 0.00	65.52 0.46 0.00	66.33 0.27 0.00	71.38 0.14 -0.94	76.43 -0.08 -0.61	83.98 0.25 -0.01	72.39 0.22 0.00	69.66 0.55 0.00	55.81 0.33 0.00	45.73 0.18 0.00	39.12 0.00 0.00	37.11 -0.07 0.00
S.PERRY___115KV_TB1 80734	39.64 1.45 0.00	38.36 0.97 0.00	37.69 0.63 0.00	35.92 0.60 0.00	35.94 0.77 0.00	38.46 0.86 0.00	38.91 1.13 0.00	40.09 0.90 0.00	41.29 1.12 0.00	43.36 1.06 0.00	46.13 1.34 0.00	49.52 1.54 0.00	52.86 -0.11 0.00	64.92 -0.26 -0.12	66.98 -0.20 -1.11	72.12 -1.41 -3.22	76.80 -1.75 -2.65	85.24 -1.00 -2.53	72.43 -0.58 -0.84	69.80 0.69 0.00	56.53 1.05 0.00	47.24 1.69 0.00	39.82 0.70 0.00	37.93 0.74 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.92 0.73 0.00	37.65 0.26 0.00	37.02 -0.04 0.00	35.25 -0.07 0.00	35.30 0.14 0.00	37.68 0.08 0.00	38.04 0.26 0.00	38.60 -0.59 0.00	39.77 -0.40 0.00	41.84 -0.47 0.00	44.75 -0.04 0.00	48.08 0.10 0.00	52.54 -0.42 0.00	64.19 -0.98 -0.11	66.15 -0.92 -1.02	70.89 -2.39 -2.98	75.08 -3.26 -2.45	83.18 -2.85 -2.31	71.06 -1.88 -0.77	68.28 -0.83 0.00	55.37 -0.11 0.00	45.37 -0.18 0.00	38.46 -0.67 0.00	37.00 -0.19 0.00
SAWYER___23_KV_LOAD 55526	38.92 0.73 0.00	37.65 0.26 0.00	37.02 -0.04 0.00	35.25 -0.07 0.00	35.30 0.14 0.00	37.68 0.08 0.00	38.04 0.26 0.00	38.60 -0.59 0.00	39.77 -0.40 0.00	41.84 -0.47 0.00	44.75 -0.04 0.00	48.08 0.10 0.00	52.54 -0.42 0.00	64.19 -0.98 -0.11	66.15 -0.92 -1.02	70.89 -2.39 -2.98	75.08 -3.26 -2.45	83.18 -2.85 -2.31	71.06 -1.88 -0.77	68.28 -0.83 0.00	55.37 -0.11 0.00	45.37 -0.18 0.00	38.46 -0.67 0.00	37.00 -0.19 0.00
SELKIRK___I 23801	39.87 1.68 0.00	38.80 1.42 0.00	38.50 1.44 0.00	36.55 1.34 0.11	36.41 1.30 0.05	38.95 1.35 0.00	39.21 1.44 0.00	41.03 1.84 0.00	41.98 1.81 0.00	44.25 1.95 0.00	46.54 1.75 0.00	49.04 1.05 0.00	54.13 1.16 0.00	68.21 1.56 -1.59	82.32 1.52 -14.74	97.27 1.62 -25.35	99.23 1.67 -21.67	109.82 1.84 -24.27	84.95 1.66 -11.11	70.63 1.52 0.00	56.81 1.33 0.00	47.55 2.00 0.00	41.04 1.92 0.00	38.59 1.41 0.00
SELKIRK___II 23799	39.38 1.19 0.00	38.28 0.90 0.00	38.02 0.96 0.00	36.04 0.85 0.12	35.91 0.81 0.06	38.47 0.87 0.00	38.75 0.98 0.00	40.64 1.45 0.00	41.57 1.41 0.00	43.79 1.48 0.00	45.91 1.12 0.00	49.09 1.10 0.00	54.24 1.27 0.00	68.28 1.56 -1.66	82.98 1.52 -15.40	87.21 1.68 -15.22	87.21 1.82 -9.50	87.21 2.01 -1.49	85.51 1.73 -11.61	70.70 1.59 0.00	56.81 1.33 0.00	46.92 1.37 0.00	40.61 1.49 0.00	38.22 1.04 0.00
SENECA OSWGO___HYD 24041	38.08 -0.11 0.00	37.08 -0.30 0.00	36.69 -0.37 0.00	35.00 -0.32 0.00	34.88 -0.28 0.00	37.30 -0.30 0.00	37.59 -0.19 0.00	39.11 -0.08 0.00	40.21 0.04 0.00	42.43 0.13 0.00	45.02 0.23 0.00	48.23 0.24 0.00	53.18 0.21 0.00	65.19 0.13 0.00	66.20 0.13 0.00	71.35 0.00 -1.04	76.50 -0.08 -0.68	83.73 0.00 -0.01	72.17 0.00 0.00	69.25 0.14 0.00	55.59 0.11 0.00	45.64 0.09 0.00	38.93 -0.19 0.00	36.85 -0.34 0.00
SENECA___115KV_TB3 355854	39.37 1.18 0.00	38.09 0.71 0.00	37.43 0.37 0.00	35.64 0.32 0.00	35.73 0.56 0.00	38.13 0.53 0.00	38.57 0.79 0.00	39.19 0.00 0.00	40.45 0.28 0.00	42.56 0.25 0.00	45.46 0.67 0.00	48.85 0.86 0.00	53.39 0.42 0.00	65.24 0.07 -0.12	67.33 0.20 -1.07	71.80 -1.62 -3.11	76.02 -2.43 -2.56	84.64 -1.51 -2.43	72.33 -0.65 -0.81	69.32 0.21 0.00	56.20 0.72 0.00	46.05 0.50 0.00	39.04 -0.08 0.00	37.52 0.33 0.00
SENECA___ENERGY 23797	38.61 0.42 0.00	37.57 0.19 0.00	37.13 0.07 0.00	35.42 0.11 0.00	35.34 0.18 0.00	37.79 0.19 0.00	38.11 0.34 0.00	39.58 0.39 0.00	40.81 0.64 0.00	42.98 0.67 0.00	45.73 0.94 0.00	48.99 1.01 0.00	53.97 1.00 0.00	66.18 1.04 -0.09	67.91 1.05 -0.79	73.40 0.70 -2.39	78.38 0.53 -1.95	86.53 1.01 -1.80	73.70 0.94 -0.60	70.28 1.17 0.00	56.48 1.00 0.00	46.32 0.77 0.00	39.32 0.20 0.00	37.33 0.15 0.00
SHOEMAKER___GT 23640	40.10 1.91 0.00	38.88 1.50 0.00	38.54 1.48 0.00	36.85 1.41 -0.12	36.55 1.34 -0.05	38.99 1.39 0.00	39.32 1.55 0.00	41.35 2.15 0.00	42.34 2.17 0.00	44.63 2.33 0.00	47.16 2.37 0.00	50.48 2.49 0.00	55.88 2.91 0.00	69.19 3.38 -0.75	76.59 3.56 -6.96	92.53 4.43 -17.79	95.74 4.78 -15.06	104.87 5.36 -15.79	81.68 4.26 -5.25	72.91 3.80 0.00	58.30 2.83 0.00	48.24 2.69 0.00	41.43 2.31 0.00	38.93 1.75 0.00
SHOEMAKR_138KV_BK 111 55601	40.06 1.87 0.00	38.84 1.46 0.00	38.51 1.45 0.00	36.84 1.41 -0.11	36.52 1.30 -0.05	38.95 1.35 0.00	39.28 1.51 0.00	41.31 2.12 0.00	42.30 2.13 0.00	44.63 2.33 0.00	47.21 2.42 0.00	50.53 2.54 0.00	55.99 3.02 0.00	69.19 3.38 -0.74	76.53 3.57 -6.90	92.36 4.43 -17.63	95.59 4.78 -14.92	104.71 5.36 -15.64	81.63 4.26 -5.20	72.91 3.80 0.00	58.31 2.83 0.00	48.19 2.64 0.00	41.39 2.27 0.00	38.78 1.60 0.00

SHOREHAM_IC_1 23715	50.87 4.43 -8.25	45.76 3.82 -4.56	43.86 3.89 -2.91	39.19 3.71 -0.17	38.87 3.62 -0.09	41.47 3.80 -0.07	45.03 4.04 -3.22	51.42 5.02 -7.21	50.40 5.14 -5.09	61.45 5.37 -13.78	78.33 4.66 -28.89	159.11 4.84 -106.28	166.69 5.61 -108.11	426.07 6.96 -354.04	331.97 7.07 -258.83	331.73 8.01 -253.41	316.24 8.35 -232.00	364.20 9.04 -271.44	295.90 7.58 -216.15	286.46 6.98 -210.37	230.77 5.33 -169.97	159.13 5.37 -108.21	53.74 4.50 -10.13	47.34 4.57 -5.59
SHOREHAM_IC_2 23716	50.87 4.43 -8.25	45.76 3.82 -4.56	43.86 3.89 -2.91	39.19 3.71 -0.17	38.87 3.62 -0.09	41.47 3.80 -0.07	45.03 4.04 -3.22	51.42 5.02 -7.21	50.40 5.14 -5.09	61.45 5.37 -13.78	78.33 4.66 -28.89	159.11 4.84 -106.28	166.69 5.61 -108.11	426.07 6.96 -354.04	331.97 7.07 -258.83	331.73 8.01 -253.41	316.24 8.35 -232.00	364.20 9.04 -271.44	295.90 7.58 -216.15	286.46 6.98 -210.37	230.77 5.33 -169.97	159.13 5.37 -108.21	53.74 4.50 -10.13	47.34 4.57 -5.59
SISSONVILLE____ 23735	36.13 -2.06 0.00	35.70 -1.68 0.00	35.36 -1.70 0.00	33.73 -1.59 0.00	33.58 -1.58 0.00	35.98 -1.62 0.00	36.00 -1.78 0.00	36.84 -2.35 0.00	37.80 -2.37 0.00	39.26 -3.05 0.00	41.52 -3.27 0.00	44.43 -3.55 0.00	49.00 -3.97 0.00	60.57 -4.49 0.00	61.50 -4.56 0.00	65.10 -5.20 0.00	70.50 -5.39 0.00	77.02 -6.70 0.00	67.19 -4.98 0.00	64.48 -4.63 0.00	51.76 -3.72 0.00	42.09 -3.46 0.00	37.09 -2.03 0.00	35.99 -1.19 0.00
SITHE_IND_GS1 24169	37.58 -0.61 0.00	36.64 -0.75 0.00	36.28 -0.78 0.00	34.57 -0.74 0.00	34.46 -0.70 0.00	36.85 -0.75 0.00	37.13 -0.64 0.00	38.56 -0.63 0.00	39.61 -0.56 0.00	41.71 -0.59 0.00	44.25 -0.54 0.00	47.41 -0.57 0.00	52.28 -0.69 0.00	64.15 -0.91 0.00	65.07 -0.99 0.00	70.00 -1.13 -0.83	75.07 -1.36 -0.54	82.30 -1.42 -0.01	70.94 -1.23 0.00	68.14 -0.97 0.00	54.70 -0.78 0.00	44.91 -0.64 0.00	38.42 -0.70 0.00	36.44 -0.74 0.00
SITHE_IND_GS2 24170	37.58 -0.61 0.00	36.64 -0.75 0.00	36.28 -0.78 0.00	34.57 -0.74 0.00	34.46 -0.70 0.00	36.85 -0.75 0.00	37.13 -0.64 0.00	38.56 -0.63 0.00	39.61 -0.56 0.00	41.71 -0.59 0.00	44.25 -0.54 0.00	47.41 -0.57 0.00	52.28 -0.69 0.00	64.15 -0.91 0.00	65.07 -0.99 0.00	70.00 -1.13 -0.83	75.07 -1.36 -0.54	82.30 -1.42 -0.01	70.94 -1.23 0.00	68.14 -0.97 0.00	54.70 -0.78 0.00	44.91 -0.64 0.00	38.42 -0.70 0.00	36.44 -0.74 0.00
SITHE_IND_GS3 24171	37.58 -0.61 0.00	36.64 -0.75 0.00	36.28 -0.78 0.00	34.57 -0.74 0.00	34.46 -0.70 0.00	36.85 -0.75 0.00	37.13 -0.64 0.00	38.56 -0.63 0.00	39.61 -0.56 0.00	41.71 -0.59 0.00	44.25 -0.54 0.00	47.41 -0.57 0.00	52.28 -0.69 0.00	64.15 -0.91 0.00	65.07 -0.99 0.00	70.00 -1.13 -0.83	75.07 -1.36 -0.54	82.30 -1.42 -0.01	70.94 -1.23 0.00	68.14 -0.97 0.00	54.70 -0.78 0.00	44.91 -0.64 0.00	38.42 -0.70 0.00	36.44 -0.74 0.00
SITHE_IND_GS4 24172	37.58 -0.61 0.00	36.64 -0.75 0.00	36.28 -0.78 0.00	34.57 -0.74 0.00	34.46 -0.70 0.00	36.85 -0.75 0.00	37.13 -0.64 0.00	38.56 -0.63 0.00	39.61 -0.56 0.00	41.71 -0.59 0.00	44.25 -0.54 0.00	47.41 -0.57 0.00	52.28 -0.69 0.00	64.15 -0.91 0.00	65.07 -0.99 0.00	70.00 -1.13 -0.83	75.07 -1.36 -0.54	82.30 -1.42 -0.01	70.94 -1.23 0.00	68.14 -0.97 0.00	54.70 -0.78 0.00	44.91 -0.64 0.00	38.42 -0.70 0.00	36.44 -0.74 0.00
SITHE____BATAVIA 24024	39.56 1.37 0.00	38.21 0.82 0.00	37.54 0.48 0.00	35.92 0.60 0.00	35.83 0.67 0.00	38.28 0.68 0.00	38.64 0.87 0.00	39.39 0.20 0.00	40.73 0.56 0.00	42.73 0.42 0.00	45.69 0.90 0.00	49.13 1.15 0.00	54.29 1.32 0.00	65.74 0.58 -0.09	67.47 0.53 -0.88	72.36 -0.56 -2.62	76.75 -1.29 -2.14	84.71 -1.00 -2.00	72.55 -0.29 -0.66	70.01 0.90 0.00	56.75 1.28 0.00	46.28 0.73 0.00	39.16 0.04 0.00	37.52 0.33 0.00
SITHE____INDEPEND 23800	37.58 -0.61 0.00	36.64 -0.75 0.00	36.28 -0.78 0.00	34.58 -0.74 0.00	34.46 -0.70 0.00	36.85 -0.75 0.00	37.13 -0.64 0.00	38.56 -0.63 0.00	39.57 -0.60 0.00	41.71 -0.59 0.00	44.21 -0.58 0.00	47.41 -0.58 0.00	52.23 -0.74 0.00	64.15 -0.91 0.00	65.07 -0.99 0.00	70.01 -1.12 -0.83	75.06 -1.37 -0.54	82.30 -1.42 -0.01	70.95 -1.23 0.00	68.07 -1.04 0.00	54.70 -0.78 0.00	44.96 -0.59 0.00	38.38 -0.74 0.00	36.44 -0.74 0.00
SITHE____MASSENA 23902	37.05 -1.14 0.00	36.64 -0.75 0.00	36.32 -0.74 0.00	34.61 -0.71 0.00	34.49 -0.67 0.00	36.88 -0.72 0.00	36.87 -0.91 0.00	37.70 -1.49 0.00	38.64 -1.53 0.00	40.28 -2.03 0.00	42.55 -2.24 0.00	45.59 -2.40 0.00	50.32 -2.65 0.00	62.13 -2.93 0.00	63.16 -2.91 0.00	66.86 -3.44 0.00	72.33 -3.57 0.00	79.28 -4.44 0.00	68.93 -3.25 0.00	66.07 -3.04 0.00	53.09 -2.38 0.00	43.32 -2.23 0.00	37.83 -1.29 0.00	36.44 -0.74 0.00
SITHE____OGDNSBRG 24021	37.16 -1.03 0.00	36.71 -0.67 0.00	36.36 -0.70 0.00	34.65 -0.67 0.00	34.49 -0.67 0.00	36.96 -0.64 0.00	36.98 -0.79 0.00	37.74 -1.45 0.00	38.72 -1.45 0.00	40.28 -2.03 0.00	42.60 -2.19 0.00	45.63 -2.35 0.00	50.32 -2.65 0.00	62.20 -2.86 0.00	63.22 -2.84 0.00	66.86 -3.44 0.00	72.33 -3.57 0.00	79.20 -4.52 0.00	69.14 -3.03 0.00	66.41 -2.70 0.00	53.26 -2.22 0.00	43.27 -2.28 0.00	37.87 -1.25 0.00	36.74 -0.45 0.00
SITHE____STERLING 23777	39.49 1.30 0.00	38.47 1.08 0.00	38.06 1.00 0.00	36.23 0.92 0.00	36.11 0.95 0.00	38.65 1.05 0.00	38.98 1.21 0.00	40.56 1.37 0.00	41.61 1.44 0.00	43.91 1.61 0.00	46.67 1.88 0.00	50.00 2.01 0.00	55.03 2.06 0.00	67.60 2.53 0.00	68.57 2.51 0.00	73.63 2.53 -0.79	79.06 2.65 -0.52	86.83 3.10 -0.01	74.70 2.52 0.00	71.80 2.69 0.00	57.53 2.05 0.00	47.01 1.46 0.00	40.10 0.98 0.00	38.11 0.93 0.00
SLEIGHT__34_KV_TB1 80719	39.60 1.41 0.00	38.47 1.08 0.00	37.95 0.89 0.00	36.13 0.81 0.00	36.08 0.91 0.00	38.65 1.05 0.00	39.13 1.36 0.00	40.68 1.49 0.00	41.98 1.81 0.00	44.38 2.07 0.00	47.16 2.37 0.00	50.67 2.69 0.00	55.62 2.65 0.00	68.65 3.51 -0.08	70.23 3.44 -0.73	75.84 3.30 -2.23	81.05 3.34 -1.81	89.39 4.02 -1.66	76.04 3.32 -0.55	72.50 3.39 0.00	58.31 2.83 0.00	47.65 2.10 0.00	40.29 1.17 0.00	38.19 1.00 0.00
SOUTH CAIRO____GT 23612	41.40 3.21 0.00	40.19 2.81 0.00	39.76 2.70 0.00	37.82 2.58 0.08	37.69 2.57 0.04	40.31 2.71 0.00	40.72 2.95 0.00	42.44 3.25 0.00	43.22 3.05 0.00	45.44 3.13 0.00	47.70 2.91 0.00	50.96 2.98 0.00	56.52 3.55 0.00	70.59 4.04 -1.50	83.90 3.96 -13.88	97.47 4.29 -22.87	99.91 4.93 -19.09	109.36 5.52 -20.11	87.76 5.12 -10.46	74.43 5.32 0.00	59.75 4.27 0.00	49.42 3.87 0.00	42.21 3.09 0.00	39.90 2.71 0.00
SOUTH HAMPTN____IC 23720	51.69 5.35 -8.15	46.61 4.67 -4.56	44.68 4.71 -2.91	39.93 4.45 -0.17	39.64 4.39 -0.09	42.26 4.59 -0.07	45.77 4.87 -3.12	52.05 5.92 -6.94	51.20 6.07 -4.97	61.97 6.47 -13.19	78.40 5.96 -27.65	185.89 6.28 -131.62	193.69 7.36 -133.37	513.37 9.04 -439.27	353.78 9.71 -278.00	324.94 11.18 -243.46	310.41 11.68 -222.83	356.98 12.64 -260.63	319.26 10.03 -237.06	309.16 8.78 -231.27	325.36 6.88 -263.01	185.66 6.65 -133.46	54.52 5.52 -9.88	48.14 5.50 -5.45

SOUTHDOW_115KV_TB1 355954	40.75 2.56 0.00	39.40 2.02 0.00	38.73 1.67 0.00	36.84 1.52 0.00	36.96 1.79 0.00	39.52 1.92 0.00	40.08 2.30 0.00	41.03 1.84 0.00	42.42 2.25 0.00	44.59 2.28 0.00	47.66 2.87 0.00	51.20 3.21 0.00	56.04 3.07 0.00	68.31 3.12 -0.13	70.61 3.37 -1.18	74.97 1.27 -3.40	79.46 0.76 -2.80	88.99 2.60 -2.68	75.80 2.74 -0.89	72.43 3.32 0.00	58.75 3.27 0.00	48.01 2.46 0.00	40.65 1.53 0.00	38.93 1.75 0.00
SOUTHOLD_69_KV_BK 2 55809	52.65 6.30 -8.15	47.47 5.53 -4.56	45.49 5.52 -2.91	40.81 5.33 -0.16	40.45 5.20 -0.08	43.12 5.45 -0.07	46.67 5.78 -3.12	53.04 6.90 -6.95	49.88 7.07 -2.64	63.23 7.74 -13.19	79.98 7.52 -27.67	155.57 7.97 -99.62	163.01 9.38 -100.67	521.11 11.32 -444.73	357.79 12.02 -279.71	326.26 12.37 -243.58	311.74 12.90 -222.94	358.46 13.98 -260.76	322.10 11.19 -238.74	311.88 9.81 -232.95	332.62 8.77 -268.38	188.80 8.15 -135.09	51.06 6.69 -5.25	48.62 5.99 -5.46
SOUTHOLD___IC 23719	52.64 6.30 -8.15	47.47 5.53 -4.56	45.49 5.52 -2.91	40.71 5.23 -0.17	40.42 5.17 -0.09	43.12 5.45 -0.07	46.67 5.78 -3.12	53.04 6.90 -6.95	52.25 7.11 -4.97	63.24 7.74 -13.19	79.89 7.44 -27.67	189.20 7.97 -133.25	197.18 9.22 -135.00	521.11 11.32 -444.73	357.79 12.03 -279.71	326.26 12.38 -243.58	311.81 12.97 -222.94	358.45 13.98 -260.76	322.10 11.19 -238.74	311.81 9.75 -232.95	332.62 8.76 -268.38	188.80 8.15 -135.09	55.70 6.69 -9.89	49.22 6.58 -5.46
SPIERFLS_115KV_TB 1 80737	41.21 3.02 0.00	39.96 2.58 0.00	39.62 2.56 0.00	37.48 2.33 0.17	37.47 2.39 0.08	40.12 2.52 0.00	40.53 2.76 0.00	42.52 3.33 0.00	43.62 3.45 0.00	46.03 3.72 0.00	48.82 4.03 0.00	52.45 4.46 0.00	57.47 4.50 0.00	73.70 5.86 -2.78	97.72 5.88 -25.78	115.70 5.27 -40.12	120.52 5.62 -39.01	148.04 6.20 -58.13	97.02 5.41 -19.44	74.15 5.04 0.00	60.30 4.83 0.00	49.60 4.05 0.00	42.33 3.21 0.00	39.64 2.45 0.00
ST LAWRENCE____ 23600	36.85 -1.34 0.00	36.45 -0.93 0.00	36.14 -0.93 0.00	34.44 -0.88 0.00	34.28 -0.88 0.00	36.70 -0.90 0.00	36.68 -1.10 0.00	37.51 -1.68 0.00	38.44 -1.73 0.00	40.28 -2.03 0.00	42.60 -2.19 0.00	45.59 -2.40 0.00	50.32 -2.65 0.00	62.13 -2.93 0.00	63.16 -2.91 0.00	67.00 -3.30 0.00	72.48 -3.41 0.00	79.62 -4.10 0.00	69.07 -3.10 0.00	66.07 -3.04 0.00	53.04 -2.44 0.00	43.36 -2.19 0.00	37.63 -1.49 0.00	36.22 -0.97 0.00
STATE_CA_115KV_115_LB 55624	39.49 1.30 0.00	38.36 0.97 0.00	38.06 1.00 0.00	36.07 0.92 0.16	35.96 0.88 0.08	38.54 0.94 0.00	38.87 1.10 0.00	40.80 1.61 0.00	41.77 1.61 0.00	44.04 1.73 0.00	46.54 1.75 0.00	49.81 1.82 0.00	55.14 2.17 0.00	69.86 2.67 -2.14	88.55 2.71 -19.78	107.63 2.95 -34.37	111.27 3.11 -32.27	131.81 3.43 -44.66	89.98 2.89 -14.92	71.80 2.70 0.00	57.64 2.16 0.00	47.46 1.91 0.00	40.80 1.68 0.00	38.22 1.04 0.00
STATE_ST_34_KV_LOAD 55959	39.30 1.11 0.00	38.21 0.82 0.00	37.76 0.70 0.00	35.99 0.67 0.00	35.90 0.74 0.00	38.39 0.79 0.00	38.83 1.06 0.00	40.41 1.21 0.00	41.61 1.45 0.00	44.00 1.69 0.00	46.67 1.88 0.00	50.05 2.06 0.00	55.03 2.07 0.00	67.81 2.67 -0.08	69.49 2.64 -0.78	75.20 2.53 -2.36	80.40 2.58 -1.93	88.76 3.26 -1.78	75.50 2.74 -0.59	71.74 2.63 0.00	57.70 2.22 0.00	47.28 1.73 0.00	40.10 0.98 0.00	38.00 0.82 0.00
STATION 5_MISC_HYD 23604	38.99 0.80 0.00	37.80 0.41 0.00	37.21 0.15 0.00	35.57 0.25 0.00	35.48 0.32 0.00	37.90 0.30 0.00	38.23 0.45 0.00	39.27 0.08 0.00	40.49 0.32 0.00	42.60 0.30 0.00	45.50 0.71 0.00	48.89 0.91 0.00	54.03 1.06 0.00	65.72 0.58 -0.08	67.32 0.53 -0.73	72.55 0.00 -2.25	77.19 -0.53 -1.83	84.81 -0.58 -1.67	72.51 -0.22 -0.55	69.73 0.62 0.00	56.36 0.88 0.00	46.10 0.55 0.00	39.20 0.08 0.00	37.29 0.11 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.03 0.84 0.00	37.87 0.49 0.00	37.36 0.30 0.00	35.56 0.25 0.00	35.55 0.39 0.00	38.01 0.41 0.00	38.38 0.60 0.00	39.66 0.47 0.00	40.85 0.68 0.00	43.11 0.80 0.00	45.87 1.07 0.00	49.33 1.34 0.00	54.13 1.17 0.00	66.57 1.43 -0.08	68.12 1.32 -0.74	73.47 0.91 -2.25	78.33 0.61 -1.83	86.31 0.92 -1.67	73.59 0.87 -0.55	70.56 1.45 0.00	56.86 1.39 0.00	46.46 0.91 0.00	39.39 0.27 0.00	37.52 0.33 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.73 0.53 0.00	37.53 0.15 0.00	36.99 -0.07 0.00	35.21 -0.11 0.00	35.20 0.04 0.00	37.64 0.04 0.00	38.00 0.23 0.00	39.07 -0.12 0.00	40.25 0.08 0.00	42.43 0.13 0.00	45.19 0.40 0.00	48.66 0.67 0.00	53.34 0.37 0.00	65.53 0.39 -0.08	67.05 0.26 -0.73	72.32 -0.21 -2.23	77.02 -0.68 -1.81	84.62 -0.75 -1.65	72.21 -0.51 -0.55	69.45 0.35 0.00	56.03 0.55 0.00	45.82 0.27 0.00	38.89 -0.23 0.00	37.07 -0.11 0.00
STA_56___34_KV_BUS2 355983	38.73 0.53 0.00	37.53 0.15 0.00	36.99 -0.07 0.00	35.21 -0.11 0.00	35.20 0.04 0.00	37.64 0.04 0.00	38.00 0.23 0.00	39.07 -0.12 0.00	40.25 0.08 0.00	42.43 0.13 0.00	45.19 0.40 0.00	48.66 0.67 0.00	53.34 0.37 0.00	65.53 0.39 -0.08	67.05 0.26 -0.73	72.32 -0.21 -2.23	77.02 -0.68 -1.81	84.62 -0.75 -1.65	72.21 -0.51 -0.55	69.45 0.35 0.00	56.03 0.55 0.00	45.82 0.27 0.00	38.89 -0.23 0.00	37.07 -0.11 0.00
STA_67___115KV_BK2 355882	38.92 0.73 0.00	37.72 0.34 0.00	37.13 0.07 0.00	35.35 0.04 0.00	35.34 0.18 0.00	37.83 0.23 0.00	38.15 0.38 0.00	39.15 -0.04 0.00	40.33 0.16 0.00	42.52 0.21 0.00	45.28 0.49 0.00	48.75 0.77 0.00	53.39 0.42 0.00	65.60 0.46 -0.08	67.13 0.33 -0.73	72.41 -0.14 -2.24	77.04 -0.68 -1.83	84.72 -0.67 -1.67	72.29 -0.43 -0.55	69.52 0.41 0.00	56.20 0.72 0.00	45.96 0.41 0.00	39.00 -0.12 0.00	37.22 0.04 0.00
STA_7___115KV_9TRANS 80674	39.22 1.03 0.00	37.98 0.60 0.00	37.39 0.33 0.00	35.60 0.28 0.00	35.58 0.42 0.00	38.09 0.49 0.00	38.42 0.64 0.00	39.47 0.27 0.00	40.65 0.48 0.00	42.86 0.55 0.00	45.69 0.90 0.00	49.23 1.25 0.00	53.87 0.90 0.00	66.12 0.98 -0.08	67.72 0.92 -0.73	72.97 0.42 -2.25	77.65 -0.08 -1.83	85.39 0.00 -1.67	72.87 0.14 -0.55	70.15 1.04 0.00	56.70 1.22 0.00	46.37 0.82 0.00	39.28 0.16 0.00	37.48 0.30 0.00
STA_82___115KV_TB1 80780	38.95 0.76 0.00	37.72 0.34 0.00	37.17 0.11 0.00	35.39 0.07 0.00	35.37 0.21 0.00	37.83 0.23 0.00	38.19 0.42 0.00	39.19 0.00 0.00	40.37 0.20 0.00	42.56 0.25 0.00	45.33 0.54 0.00	48.80 0.82 0.00	53.44 0.48 0.00	65.60 0.46 -0.08	67.20 0.40 -0.74	72.42 -0.14 -2.26	77.12 -0.61 -1.84	84.81 -0.59 -1.68	72.37 -0.36 -0.56	69.59 0.48 0.00	56.20 0.72 0.00	46.01 0.46 0.00	39.00 -0.12 0.00	37.26 0.07 0.00
STEEL___WIND 323596	39.34 1.14 0.00	38.02 0.63 0.00	37.39 0.33 0.00	35.78 0.46 0.00	35.72 0.56 0.00	38.13 0.53 0.00	38.49 0.72 0.00	39.15 -0.04 0.00	40.49 0.32 0.00	42.48 0.17 0.00	45.46 0.67 0.00	48.80 0.81 0.00	53.97 1.00 0.00	65.11 -0.06 -0.12	67.20 0.07 -1.07	71.66 -1.75 -3.11	75.95 -2.50 -2.56	84.47 -1.67 -2.43	72.26 -0.72 -0.81	69.18 0.07 0.00	56.14 0.67 0.00	46.01 0.46 0.00	38.69 -0.43 0.00	37.41 0.22 0.00

STEPHTWN_115KV_BK_2 55603	39.79 1.60 0.00	38.62 1.23 0.00	38.28 1.22 0.00	36.29 1.13 0.16	36.18 1.09 0.08	38.80 1.20 0.00	39.17 1.40 0.00	41.15 1.96 0.00	42.18 2.01 0.00	44.46 2.16 0.00	46.90 2.11 0.00	50.24 2.26 0.00	55.62 2.65 0.00	70.19 3.25 -1.87	86.71 3.30 -17.35	105.99 3.66 -32.03	109.29 3.87 -29.52	127.17 4.27 -39.18	88.93 3.68 -13.08	72.56 3.46 0.00	58.36 2.88 0.00	47.96 2.41 0.00	41.27 2.15 0.00	38.63 1.45 0.00
STEUBEN_REC_LFGE 323667	40.14 1.95 0.00	38.84 1.46 0.00	38.25 1.19 0.00	36.45 1.13 0.00	36.50 1.34 0.00	38.95 1.35 0.00	39.51 1.74 0.00	40.72 1.53 0.00	42.10 1.93 0.00	44.42 2.12 0.00	47.21 2.42 0.00	50.67 2.69 0.00	55.46 2.49 0.00	68.14 2.93 -0.16	70.61 3.10 -1.44	76.29 1.90 -4.09	80.87 1.59 -3.38	90.10 3.10 -3.28	76.22 2.96 -1.09	72.43 3.32 0.00	58.53 3.05 0.00	47.92 2.37 0.00	40.41 1.29 0.00	38.56 1.38 0.00
STONY__BROOK 24151	51.12 4.13 -8.80	45.55 3.59 -4.58	43.63 3.63 -2.93	38.92 3.42 -0.17	38.60 3.34 -0.09	41.18 3.50 -0.08	45.45 3.81 -3.86	52.89 4.74 -8.95	50.88 4.94 -5.78	64.93 5.03 -17.59	85.67 3.98 -36.89	158.75 4.03 -106.73	166.68 4.66 -109.05	425.31 5.73 -354.53	371.90 6.48 -299.36	396.59 8.22 -318.06	376.11 8.65 -291.57	434.70 9.29 -341.69	324.56 7.00 -245.39	314.50 5.73 -239.65	179.38 4.21 -119.69	159.29 4.55 -109.18	54.47 3.87 -11.48	47.72 4.20 -6.34
STURGEON_POOL_HYD 23609	40.29 2.10 0.00	38.99 1.61 0.00	38.69 1.63 0.00	37.03 1.66 -0.05	36.70 1.51 -0.03	39.07 1.47 0.00	39.40 1.62 0.00	41.54 2.35 0.00	42.46 2.29 0.00	44.84 2.54 0.00	47.52 2.73 0.00	50.96 2.98 0.00	56.57 3.60 0.00	69.69 3.64 -0.99	79.03 3.83 -9.14	95.70 5.13 -20.27	98.65 5.69 -17.06	107.67 6.11 -17.84	83.83 4.76 -6.89	73.67 4.56 0.00	58.75 3.27 0.00	48.60 3.05 0.00	41.74 2.62 0.00	39.00 1.82 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.18 1.99 0.00	38.88 1.50 0.00	38.58 1.52 0.00	36.89 1.45 -0.12	36.59 1.37 -0.06	38.99 1.39 0.00	39.36 1.59 0.00	41.50 2.31 0.00	42.46 2.29 0.00	44.84 2.54 0.00	47.48 2.69 0.00	50.77 2.78 0.00	56.36 3.39 0.00	69.61 3.77 -0.78	77.28 4.03 -7.18	93.70 5.06 -18.34	96.88 5.46 -15.52	106.04 6.03 -16.29	82.35 4.76 -5.42	73.26 4.15 0.00	58.53 3.05 0.00	48.42 2.87 0.00	41.59 2.46 0.00	38.89 1.71 0.00
SWANROAD_115KV_TB1 355699	38.23 0.04 0.00	36.97 -0.41 0.00	36.36 -0.70 0.00	34.61 -0.71 0.00	34.71 -0.46 0.00	37.04 -0.56 0.00	37.40 -0.38 0.00	37.82 -1.37 0.00	38.96 -1.21 0.00	40.99 -1.31 0.00	43.80 -0.99 0.00	47.07 -0.91 0.00	51.38 -1.59 0.00	62.82 -2.34 -0.10	64.65 -2.38 -0.97	69.36 -3.80 -2.85	73.45 -4.78 -2.34	81.14 -4.77 -2.20	69.44 -3.46 -0.73	66.83 -2.28 0.00	54.26 -1.22 0.00	44.46 -1.09 0.00	37.71 -1.41 0.00	36.33 -0.86 0.00
SYNERGY__BIOGAS 323694	39.56 1.37 0.00	38.21 0.82 0.00	37.54 0.48 0.00	35.92 0.60 0.00	35.83 0.67 0.00	38.28 0.68 0.00	38.64 0.87 0.00	39.39 0.20 0.00	40.73 0.56 0.00	42.73 0.42 0.00	45.69 0.90 0.00	49.13 1.15 0.00	54.29 1.32 0.00	65.74 0.58 -0.09	67.47 0.53 -0.88	72.36 -0.56 -2.62	76.75 -1.29 -2.14	84.71 -1.00 -2.00	72.55 -0.29 -0.66	70.01 0.90 0.00	56.75 1.28 0.00	46.28 0.73 0.00	39.16 0.04 0.00	37.52 0.33 0.00
SYRACUSE__ENERGY_ST1 323597	38.53 0.34 0.00	37.53 0.15 0.00	37.13 0.07 0.00	35.39 0.07 0.00	35.27 0.11 0.00	37.71 0.11 0.00	38.08 0.30 0.00	39.58 0.39 0.00	40.73 0.56 0.00	42.98 0.68 0.00	45.60 0.81 0.00	48.90 0.91 0.00	53.55 0.58 0.00	65.78 0.72 0.00	66.72 0.66 0.00	72.10 0.49 -1.30	77.12 0.38 -0.85	84.32 0.59 -0.02	72.61 0.43 0.00	69.66 0.55 0.00	56.09 0.61 0.00	46.23 0.68 0.00	39.36 0.23 0.00	37.29 0.11 0.00
SYRACUSE__ENERGY_ST2 323598	38.53 0.34 0.00	37.53 0.15 0.00	37.13 0.07 0.00	35.39 0.07 0.00	35.27 0.11 0.00	37.71 0.11 0.00	38.08 0.30 0.00	39.58 0.39 0.00	40.73 0.56 0.00	42.98 0.68 0.00	45.60 0.81 0.00	48.90 0.91 0.00	53.55 0.58 0.00	65.78 0.72 0.00	66.72 0.66 0.00	72.10 0.49 -1.30	77.12 0.38 -0.85	84.32 0.59 -0.02	72.61 0.43 0.00	69.66 0.55 0.00	56.09 0.61 0.00	46.23 0.68 0.00	39.36 0.23 0.00	37.29 0.11 0.00
SYRACUSE__POWER 24017	38.42 0.23 0.00	37.42 0.04 0.00	37.02 -0.04 0.00	35.28 -0.04 0.00	35.16 0.00 0.00	37.64 0.04 0.00	37.96 0.19 0.00	39.47 0.27 0.00	40.57 0.40 0.00	42.86 0.55 0.00	45.42 0.63 0.00	48.70 0.72 0.00	53.60 0.64 0.00	65.84 0.78 0.00	66.79 0.73 0.00	72.24 0.56 -1.37	77.32 0.53 -0.89	84.49 0.75 -0.02	72.75 0.58 0.00	69.80 0.69 0.00	56.09 0.61 0.00	46.10 0.55 0.00	39.24 0.12 0.00	37.18 0.00 0.00
TALLMAN__138KV_BK151 55660	40.44 2.25 0.00	39.07 1.68 0.00	38.76 1.70 0.00	37.11 1.66 -0.13	36.77 1.55 -0.06	39.18 1.58 0.00	39.55 1.78 0.00	41.82 2.63 0.00	42.82 2.65 0.00	45.22 2.92 0.00	47.88 3.09 0.00	51.20 3.21 0.00	56.83 3.87 0.00	70.22 4.36 -0.80	78.14 4.62 -7.45	95.13 5.84 -18.99	98.28 6.30 -16.09	107.56 6.95 -16.89	83.27 5.49 -5.62	73.81 4.70 0.00	58.92 3.44 0.00	48.78 3.23 0.00	41.94 2.82 0.00	39.15 1.97 0.00
TEALLAVE_115KV_TB7 355573	38.30 0.11 0.00	37.31 -0.07 0.00	36.91 -0.15 0.00	35.14 -0.18 0.00	35.06 -0.11 0.00	37.49 -0.11 0.00	37.81 0.04 0.00	39.35 0.16 0.00	40.41 0.24 0.00	42.69 0.38 0.00	45.24 0.45 0.00	48.51 0.53 0.00	53.39 0.42 0.00	65.65 0.59 0.00	66.59 0.53 0.00	71.88 0.42 -1.16	76.95 0.30 -0.75	84.23 0.50 -0.02	72.53 0.36 0.00	69.59 0.48 0.00	55.92 0.44 0.00	45.91 0.36 0.00	39.08 -0.04 0.00	37.03 -0.15 0.00
TELGRAPH_34_KV_EAST 80808	38.95 0.76 0.00	37.65 0.26 0.00	36.99 -0.07 0.00	35.25 -0.07 0.00	35.27 0.11 0.00	37.71 0.11 0.00	38.08 0.30 0.00	38.72 -0.47 0.00	39.89 -0.28 0.00	41.97 -0.34 0.00	44.83 0.04 0.00	48.22 0.24 0.00	52.65 -0.32 0.00	64.44 -0.72 -0.10	66.25 -0.73 -0.91	70.97 -2.04 -2.71	75.23 -2.88 -2.22	83.11 -2.68 -2.07	71.13 -1.73 -0.69	68.49 -0.62 0.00	55.59 0.11 0.00	45.46 -0.09 0.00	38.49 -0.63 0.00	37.00 -0.19 0.00
TEMPLE__115KV_TB 2 55572	38.34 0.15 0.00	37.31 -0.07 0.00	36.95 -0.11 0.00	35.18 -0.14 0.00	35.09 -0.07 0.00	37.52 -0.08 0.00	37.85 0.08 0.00	39.35 0.16 0.00	40.45 0.28 0.00	42.69 0.38 0.00	45.28 0.49 0.00	48.56 0.58 0.00	53.44 0.48 0.00	65.71 0.65 0.00	66.66 0.59 0.00	71.97 0.49 -1.17	77.04 0.38 -0.76	84.32 0.59 -0.02	72.61 0.43 0.00	69.59 0.48 0.00	55.98 0.50 0.00	45.91 0.36 0.00	39.12 0.00 0.00	37.07 -0.11 0.00
TIANA__69_KV_BK 1 55817	51.42 5.08 -8.15	46.35 4.41 -4.56	44.42 4.45 -2.91	39.78 4.31 -0.16	39.39 4.15 -0.08	42.03 4.36 -0.07	45.50 4.61 -3.12	51.74 5.60 -6.95	48.55 5.74 -2.64	61.63 6.13 -13.19	78.10 5.64 -27.66	153.15 5.85 -99.31	160.32 6.99 -100.36	517.25 8.46 -443.73	354.51 9.05 -279.40	324.48 10.62 -243.56	309.90 11.08 -222.92	356.42 11.97 -260.73	320.13 9.53 -238.43	310.05 8.29 -232.65	329.25 6.38 -267.40	186.59 6.24 -134.80	49.57 5.20 -5.25	47.25 4.61 -5.45

TILDEN___115KV_TB1 80814	38.42 0.23 0.00	37.42 0.04 0.00	37.02 -0.04 0.00	35.28 -0.04 0.00	35.16 0.00 0.00	37.64 0.04 0.00	37.96 0.19 0.00	39.47 0.27 0.00	40.57 0.40 0.00	42.86 0.55 0.00	45.42 0.63 0.00	48.70 0.72 0.00	53.60 0.64 0.00	65.84 0.78 0.00	66.79 0.73 0.00	72.24 0.56 -1.37	77.32 0.53 -0.89	84.49 0.75 -0.02	72.75 0.58 0.00	69.80 0.69 0.00	56.09 0.61 0.00	46.10 0.55 0.00	39.24 0.12 0.00	37.18 0.00 0.00
TRIGEN___CC 323695	45.45 3.09 -4.17	44.39 2.50 -4.50	42.43 2.52 -2.85	37.97 2.51 -0.15	37.59 2.36 -0.07	40.07 2.41 -0.06	41.24 2.57 -0.90	43.25 3.49 -0.57	43.78 3.62 0.00	46.24 3.93 0.00	48.37 3.58 0.00	51.58 3.60 0.00	57.31 4.34 0.00	70.92 5.01 -0.85	79.56 5.62 -7.89	97.62 7.24 -20.07	100.41 7.51 -17.01	109.72 8.12 -17.89	84.25 6.13 -5.95	74.15 5.04 0.00	59.14 3.66 0.00	49.47 3.92 0.00	42.37 3.25 0.00	39.82 2.64 0.00
TRINITY___115KV___4 BK 55933	39.30 1.11 0.00	38.17 0.79 0.00	37.84 0.78 0.00	35.86 0.71 0.16	35.75 0.67 0.08	38.31 0.71 0.00	38.68 0.91 0.00	40.56 1.37 0.00	41.53 1.37 0.00	43.79 1.48 0.00	46.22 1.43 0.00	49.47 1.49 0.00	54.82 1.85 0.00	69.19 2.21 -1.91	86.03 2.25 -17.72	105.24 2.53 -32.40	108.50 2.66 -29.95	126.67 2.93 -40.03	87.99 2.45 -13.36	71.39 2.28 0.00	57.31 1.83 0.00	47.19 1.64 0.00	40.61 1.49 0.00	38.04 0.86 0.00
UNION___PROCESSING_DRP 323587	38.95 0.76 0.00	37.76 0.37 0.00	37.17 0.11 0.00	35.42 0.11 0.00	35.37 0.21 0.00	37.86 0.26 0.00	38.19 0.42 0.00	39.19 0.00 0.00	40.37 0.20 0.00	42.56 0.25 0.00	45.37 0.58 0.00	48.85 0.86 0.00	53.44 0.48 0.00	65.66 0.52 -0.08	67.27 0.46 -0.74	72.49 -0.07 -2.26	77.13 -0.61 -1.84	84.81 -0.59 -1.68	72.37 -0.36 -0.56	69.66 0.55 0.00	56.25 0.78 0.00	46.01 0.46 0.00	39.04 -0.08 0.00	37.26 0.07 0.00
UPPER HUDSON___HYD 24058	41.21 3.02 0.00	39.96 2.58 0.00	39.62 2.56 0.00	37.48 2.33 0.17	37.44 2.36 0.08	40.12 2.52 0.00	40.53 2.76 0.00	42.52 3.33 0.00	43.62 3.45 0.00	46.03 3.72 0.00	48.78 3.98 0.00	52.45 4.46 0.00	57.36 4.39 0.00	73.70 5.86 -2.78	97.72 5.88 -25.78	115.70 5.28 -40.12	120.52 5.62 -39.01	148.04 6.19 -58.13	97.03 5.42 -19.44	74.09 4.98 0.00	60.25 4.77 0.00	49.60 4.05 0.00	42.29 3.17 0.00	39.71 2.53 0.00
UPPER RAQUET___HYD 24056	36.13 -2.06 0.00	35.70 -1.68 0.00	35.36 -1.70 0.00	33.73 -1.59 0.00	33.58 -1.58 0.00	35.98 -1.62 0.00	36.00 -1.77 0.00	36.84 -2.35 0.00	37.72 -2.45 0.00	39.26 -3.05 0.00	41.48 -3.31 0.00	44.43 -3.55 0.00	48.94 -4.03 0.00	60.57 -4.49 0.00	61.51 -4.56 0.00	65.10 -5.20 0.00	70.51 -5.39 0.00	77.19 -6.53 0.00	77.19 -4.98 0.00	64.48 -4.63 0.00	51.76 -3.72 0.00	42.09 -3.46 0.00	37.05 -2.07 0.00	35.85 -1.34 0.00
VALLEY44_115KV_TB2 355964	39.37 1.18 0.00	38.02 0.64 0.00	37.43 0.37 0.00	35.64 0.32 0.00	35.69 0.53 0.00	38.13 0.53 0.00	38.57 0.79 0.00	39.51 0.31 0.00	40.73 0.56 0.00	42.90 0.59 0.00	45.73 0.94 0.00	49.14 1.15 0.00	53.92 0.95 0.00	65.78 0.59 -0.13	68.07 0.79 -1.22	71.55 -2.25 -3.49	75.89 -2.88 -2.88	85.89 -0.59 -2.76	73.30 0.22 -0.92	69.66 0.55 0.00	56.53 1.05 0.00	46.28 0.73 0.00	39.28 0.16 0.00	37.55 0.37 0.00
VALLEY___115KV_TB 1-4 80826	38.53 0.34 0.00	37.68 0.30 0.00	37.36 0.30 0.00	35.60 0.28 0.00	35.41 0.25 0.00	37.90 0.30 0.00	38.15 0.38 0.00	39.74 0.55 0.00	40.69 0.52 0.00	42.94 0.63 0.00	45.55 0.76 0.00	48.80 0.82 0.00	53.87 0.90 0.00	66.10 1.04 0.00	66.99 0.92 0.00	71.29 0.98 0.00	76.96 1.06 0.00	84.97 1.26 0.00	73.04 0.87 0.00	70.01 0.90 0.00	56.20 0.72 0.00	46.10 0.55 0.00	39.51 0.39 0.00	37.48 0.30 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.17 2.98 0.00	40.00 2.62 0.00	39.65 2.59 0.00	37.75 2.44 0.00	37.59 2.43 0.00	40.23 2.63 0.00	40.46 2.68 0.00	42.37 3.17 0.00	43.26 3.09 0.00	45.77 3.47 0.00	48.73 3.94 0.00	52.26 4.27 0.00	57.47 4.50 0.00	70.77 5.33 -0.38	74.83 5.29 -3.48	85.31 5.62 -9.38	89.51 5.77 -7.85	98.49 6.86 -7.91	80.57 5.77 -2.63	74.91 5.81 0.00	60.03 4.55 0.00	49.01 3.46 0.00	41.82 2.70 0.00	39.45 2.27 0.00
VISCHER___FERRY HYD 24020	40.10 1.91 0.00	38.92 1.53 0.00	38.54 1.48 0.00	36.43 1.34 0.23	36.39 1.34 0.11	39.06 1.46 0.00	39.47 1.70 0.00	41.39 2.19 0.00	42.42 2.25 0.00	44.67 2.37 0.00	47.25 2.46 0.00	50.67 2.69 0.00	55.93 2.96 0.00	71.27 3.77 -2.44	92.55 3.90 -22.59	111.44 4.15 -36.99	115.67 4.40 -35.38	139.71 5.02 -50.97	93.54 4.33 -17.04	73.05 3.94 0.00	58.69 3.22 0.00	48.24 2.69 0.00	41.35 2.23 0.00	38.86 1.67 0.00
V_A_10_SYNC_DSASP 323832	38.46 0.27 0.00	37.23 -0.15 0.00	36.65 -0.41 0.00	35.03 -0.28 0.00	34.99 -0.17 0.00	37.34 -0.26 0.00	37.62 -0.15 0.00	38.33 -0.86 0.00	39.57 -0.60 0.00	41.55 -0.76 0.00	44.43 -0.36 0.00	47.70 -0.29 0.00	52.76 -0.21 0.00	63.85 -1.30 -0.09	65.59 -1.32 -0.85	70.87 -1.97 -2.54	75.16 -2.81 -2.07	82.37 -3.27 -1.92	70.57 -2.24 -0.64	67.87 -1.24 0.00	54.92 -0.55 0.00	45.05 -0.50 0.00	38.38 -0.74 0.00	36.59 -0.60 0.00
V_CMM_10_SYNC_DSASP 323787	36.97 -1.22 0.00	36.56 -0.82 0.00	36.24 -0.82 0.00	34.54 -0.78 0.00	34.42 -0.74 0.00	36.81 -0.79 0.00	36.79 -0.98 0.00	37.62 -1.57 0.00	38.56 -1.61 0.00	40.40 -1.90 0.00	42.73 -2.06 0.00	45.78 -2.21 0.00	50.53 -2.44 0.00	62.33 -2.73 0.00	63.35 -2.71 0.00	67.14 -3.16 0.00	72.71 -3.18 0.00	79.78 -3.93 0.00	69.28 -2.89 0.00	66.27 -2.84 0.00	53.26 -2.22 0.00	43.50 -2.05 0.00	37.75 -1.37 0.00	36.33 -0.85 0.00
V_CMP_10_SYNC_DSASP 323788	37.46 -0.73 0.00	37.05 -0.34 0.00	36.69 -0.37 0.00	35.03 -0.28 0.00	34.92 -0.24 0.00	37.41 -0.19 0.00	37.66 -0.11 0.00	38.61 -0.59 0.00	39.36 -0.80 0.00	41.42 -0.89 0.00	43.45 -1.34 0.00	46.50 -1.49 0.00	51.33 -1.64 0.00	63.37 -1.69 0.00	64.55 -1.52 0.00	67.99 -2.32 0.00	73.62 -2.27 0.00	80.20 -3.51 0.00	69.93 -2.24 0.00	67.04 -2.07 0.00	53.92 -1.55 0.00	43.82 -1.73 0.00	38.61 -0.51 0.00	37.18 0.00 0.00
V_E_10_SYNC_DSASP 323830	42.16 3.97 0.00	40.82 3.44 0.00	40.28 3.22 0.00	38.32 3.00 0.00	38.22 3.06 0.00	40.99 3.39 0.00	41.48 3.70 0.00	43.43 4.23 0.00	44.47 4.30 0.00	47.08 4.78 0.00	50.21 5.42 0.00	53.79 5.80 0.00	59.06 6.09 0.00	72.59 7.29 -0.24	75.72 7.40 -2.26	84.23 7.73 -6.19	89.17 8.12 -5.16	98.88 10.04 -5.12	82.67 8.80 -1.70	78.23 9.12 0.00	62.58 7.10 0.00	50.70 5.15 0.00	42.80 3.68 0.00	40.64 3.46 0.00
V_F_30_NSYNC___DSASP 323816	41.06 2.87 0.00	39.85 2.47 0.00	39.51 2.45 0.00	37.36 2.23 0.18	37.33 2.25 0.08	39.97 2.37 0.00	40.38 2.60 0.00	42.29 3.10 0.00	43.34 3.17 0.00	45.69 3.39 0.00	48.37 3.58 0.00	51.97 3.98 0.00	57.26 4.29 0.00	73.33 5.53 -2.74	97.06 5.61 -25.39	115.66 5.63 -39.73	120.45 5.99 -38.56	147.66 6.70 -57.24	97.09 5.78 -19.14	74.50 5.39 0.00	60.14 4.66 0.00	49.38 3.83 0.00	42.21 3.09 0.00	39.67 2.49 0.00

V_F_30_SYNC_DSASP 323786	39.49 1.30 0.00	38.36 0.97 0.00	38.06 1.00 0.00	36.04 0.88 0.16	35.96 0.88 0.08	38.54 0.94 0.00	38.87 1.10 0.00	40.76 1.57 0.00	41.77 1.61 0.00	44.04 1.73 0.00	46.54 1.75 0.00	49.81 1.82 0.00	55.14 2.17 0.00	69.85 2.67 -2.12	88.39 2.71 -19.62	107.47 2.95 -34.21	111.08 3.11 -32.08	131.43 3.43 -44.28	89.85 2.89 -14.79	71.80 2.70 0.00	57.64 2.16 0.00	47.42 1.87 0.00	40.80 1.68 0.00	38.22 1.04 0.00
V_XM_10_SYNC_DSASP 323789	37.46 -0.73 0.00	37.05 -0.34 0.00	36.69 -0.37 0.00	35.03 -0.28 0.00	34.92 -0.24 0.00	37.41 -0.19 0.00	37.66 -0.11 0.00	38.61 -0.59 0.00	39.36 -0.80 0.00	41.42 -0.89 0.00	43.45 -1.34 0.00	46.50 -1.49 0.00	51.33 -1.64 0.00	63.37 -1.69 0.00	64.55 -1.52 0.00	67.99 -2.32 0.00	73.62 -2.27 0.00	80.20 -3.51 0.00	69.93 -2.24 0.00	67.04 -2.07 0.00	53.92 -1.55 0.00	43.82 -1.73 0.00	38.61 -0.51 0.00	37.18 0.00 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.60 2.41 0.00	39.22 1.83 0.00	38.88 1.82 0.00	37.22 1.77 -0.13	36.88 1.65 -0.06	39.29 1.69 0.00	39.70 1.93 0.00	41.94 2.74 0.00	42.94 2.77 0.00	45.35 3.05 0.00	48.02 3.22 0.00	51.39 3.41 0.00	57.05 4.08 0.00	70.43 4.55 -0.81	78.39 4.82 -7.51	95.49 6.05 -19.14	98.63 6.53 -16.21	108.03 7.28 -17.03	83.53 5.70 -5.66	74.09 4.98 0.00	59.08 3.61 0.00	48.92 3.37 0.00	42.05 2.93 0.00	39.26 2.08 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.86 2.67 0.00	39.40 2.02 0.00	39.14 2.08 0.00	37.51 2.05 -0.15	37.13 1.90 -0.07	39.52 1.92 0.00	39.89 2.12 0.00	42.33 3.14 0.00	43.34 3.17 0.00	45.77 3.47 0.00	48.51 3.72 0.00	51.87 3.89 0.00	57.52 4.56 0.00	71.12 5.20 -0.85	79.50 5.55 -7.88	97.47 7.10 -20.06	100.56 7.67 -17.00	110.05 8.46 -17.88	84.61 6.50 -5.94	74.71 5.60 0.00	59.53 4.05 0.00	49.38 3.83 0.00	42.48 3.36 0.00	39.60 2.42 0.00
W50THST__13_KV_LOAD 356117	41.13 2.94 0.00	39.66 2.28 0.00	39.39 2.33 0.00	37.76 2.30 -0.15	37.38 2.14 -0.07	39.78 2.18 0.00	40.15 2.38 0.00	42.64 3.45 0.00	43.66 3.49 0.00	46.16 3.85 0.00	48.96 4.17 0.00	52.30 4.32 0.00	58.00 5.03 0.00	71.64 5.73 -0.85	80.02 6.08 -7.88	98.17 7.80 -20.06	101.24 8.35 -17.00	110.81 9.21 -17.88	85.19 7.07 -5.94	75.19 6.08 0.00	59.91 4.44 0.00	49.74 4.19 0.00	42.72 3.60 0.00	39.86 2.68 0.00
WADING RIVER_IC_1 23522	50.80 4.47 -8.14	45.79 3.85 -4.56	43.90 3.93 -2.91	39.19 3.71 -0.17	38.91 3.66 -0.09	41.47 3.80 -0.07	44.93 4.04 -3.11	51.14 5.02 -6.93	50.31 5.18 -4.96	60.88 5.42 -13.15	77.03 4.66 -27.58	168.92 4.84 -116.09	176.46 5.67 -117.83	459.21 7.03 -387.12	335.78 7.59 -262.12	322.34 9.14 -242.90	307.77 9.56 -222.32	354.12 10.38 -260.02	301.60 8.15 -221.27	291.65 7.05 -215.49	272.10 5.33 -211.30	168.85 5.37 -117.92	53.48 4.50 -9.86	47.23 4.61 -5.44
WADING RIVER_IC_2 23547	50.80 4.47 -8.14	45.79 3.85 -4.56	43.90 3.93 -2.91	39.19 3.71 -0.17	38.91 3.66 -0.09	41.47 3.80 -0.07	44.93 4.04 -3.11	51.14 5.02 -6.93	50.31 5.18 -4.96	60.88 5.42 -13.15	77.03 4.66 -27.58	168.92 4.84 -116.09	176.46 5.67 -117.83	459.21 7.03 -387.12	335.78 7.59 -262.12	322.34 9.14 -242.90	307.77 9.56 -222.32	354.12 10.38 -260.02	301.60 8.15 -221.27	291.65 7.05 -215.49	272.10 5.33 -211.30	168.85 5.37 -117.92	53.48 4.50 -9.86	47.23 4.61 -5.44
WADING RIVER_IC_3 23601	50.80 4.47 -8.14	45.79 3.85 -4.56	43.90 3.93 -2.91	39.19 3.71 -0.17	38.91 3.66 -0.09	41.47 3.80 -0.07	44.93 4.04 -3.11	51.14 5.02 -6.93	50.31 5.18 -4.96	60.88 5.42 -13.15	77.03 4.66 -27.58	168.92 4.84 -116.09	176.46 5.67 -117.83	459.21 7.03 -387.12	335.78 7.59 -262.12	322.34 9.14 -242.90	307.77 9.56 -222.32	354.12 10.38 -260.02	301.60 8.15 -221.27	291.65 7.05 -215.49	272.10 5.33 -211.30	168.85 5.37 -117.92	53.48 4.50 -9.86	47.23 4.61 -5.44
WALDENNY_12_KV_BK2 80841	39.34 1.15 0.00	38.02 0.64 0.00	37.39 0.33 0.00	35.60 0.28 0.00	35.65 0.49 0.00	38.09 0.49 0.00	38.53 0.76 0.00	39.15 -0.04 0.00	40.37 0.20 0.00	42.47 0.17 0.00	45.37 0.58 0.00	48.80 0.82 0.00	53.29 0.32 0.00	65.11 -0.07 -0.11	67.19 0.07 -1.06	71.70 -1.69 -3.08	76.00 -2.43 -2.54	84.45 -1.67 -2.40	72.18 -0.79 -0.80	69.18 0.07 0.00	56.14 0.67 0.00	45.96 0.41 0.00	38.92 -0.20 0.00	37.41 0.22 0.00
WALDEN__HYDRO 24148	40.48 2.29 0.00	39.14 1.76 0.00	38.80 1.74 0.00	37.09 1.66 -0.11	36.76 1.55 -0.05	39.22 1.62 0.00	39.62 1.85 0.00	41.74 2.55 0.00	42.70 2.53 0.00	45.05 2.75 0.00	47.57 2.78 0.00	50.96 2.98 0.00	56.36 3.39 0.00	69.85 3.97 -0.82	77.93 4.23 -7.64	95.00 5.34 -19.35	98.15 5.84 -16.41	107.57 6.53 -17.32	83.20 5.27 -5.76	73.81 4.70 0.00	59.03 3.55 0.00	48.83 3.28 0.00	41.94 2.82 0.00	39.34 2.16 0.00
WARRENSBURG____ 23737	41.21 3.02 0.00	39.96 2.58 0.00	39.62 2.56 0.00	37.48 2.33 0.17	37.44 2.36 0.08	40.12 2.52 0.00	40.53 2.76 0.00	42.52 3.33 0.00	43.62 3.45 0.00	46.03 3.72 0.00	48.78 3.98 0.00	52.45 4.46 0.00	57.36 4.39 0.00	73.70 5.86 -2.78	97.72 5.88 -25.78	115.70 5.28 -40.12	120.52 5.62 -39.01	148.04 6.19 -58.13	97.03 5.42 -19.44	74.09 4.98 0.00	60.25 4.77 0.00	49.60 4.05 0.00	42.29 3.17 0.00	39.71 2.53 0.00
WATERSIDE____6 8 9 23538	40.83 2.64 0.00	39.36 1.98 0.00	39.13 2.08 0.00	37.44 1.98 -0.15	37.06 1.83 -0.07	39.44 1.84 0.00	39.78 2.00 0.00	42.17 2.98 0.00	43.18 3.01 0.00	45.61 3.30 0.00	48.19 3.40 0.00	51.48 3.50 0.01	57.14 4.18 0.01	74.18 4.75 -4.37	80.27 5.09 -9.12	99.60 6.54 -22.76	102.34 7.06 -19.39	110.87 7.79 -19.37	87.47 5.99 -9.31	74.34 5.11 -0.11	59.44 3.66 -0.31	49.05 3.51 0.01	42.52 3.40 0.01	39.64 2.45 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.57 0.38 0.00	37.68 0.30 0.00	37.36 0.30 0.00	35.60 0.28 0.00	35.44 0.28 0.00	37.90 0.30 0.00	38.15 0.38 0.00	39.70 0.51 0.00	40.65 0.48 0.00	42.90 0.59 0.00	45.46 0.67 0.00	48.70 0.72 0.00	53.76 0.79 0.00	65.97 0.91 0.00	66.92 0.86 0.00	71.22 0.91 0.00	76.88 0.99 0.00	84.97 1.26 0.00	72.97 0.79 0.00	69.94 0.83 0.00	56.14 0.67 0.00	46.05 0.50 0.00	39.51 0.39 0.00	37.44 0.26 0.00
WATSON__69_KV_BK 1 55734	50.61 4.51 -7.92	45.80 3.89 -4.53	43.83 3.89 -2.88	39.32 3.85 -0.15	38.96 3.73 -0.07	41.58 3.91 -0.07	43.89 4.08 -2.04	48.41 5.06 -4.17	48.94 5.18 -3.59	54.34 5.42 -6.62	63.52 4.84 -13.90	73.87 4.75 -21.14	80.27 5.61 -21.69	194.94 6.90 -122.99	188.11 7.66 -114.38	212.12 9.49 -132.33	206.27 9.94 -120.44	234.30 10.72 -139.87	173.24 8.23 -92.84	163.06 6.98 -86.97	94.63 5.16 -33.99	88.57 5.19 -37.82	50.75 4.46 -7.17	46.38 4.05 -5.14
WDELAWARE__HYD 323627	40.14 1.95 0.00	38.88 1.50 0.00	38.54 1.48 0.00	36.80 1.41 -0.07	36.53 1.34 -0.03	38.95 1.35 0.00	39.36 1.59 0.00	41.39 2.19 0.00	42.30 2.13 0.00	44.63 2.33 0.00	46.13 1.34 0.00	49.52 1.54 0.00	54.77 1.80 0.00	67.79 1.95 -0.78	75.39 2.11 -7.22	90.74 3.24 -17.20	93.96 3.57 -14.50	102.94 4.10 -15.12	80.72 3.10 -5.44	71.80 2.69 0.00	57.30 1.83 0.00	47.37 1.82 0.00	41.51 2.39 0.00	38.97 1.78 0.00

WEST BABYLON___IC 23714	47.92 4.20 -5.53	45.44 3.55 -4.51	43.48 3.56 -2.86	39.00 3.53 -0.15	38.64 3.41 -0.07	41.20 3.53 -0.06	42.76 3.78 -1.21	45.50 4.70 -1.61	46.43 4.86 -1.40	49.02 5.12 -1.59	52.61 4.48 -3.34	58.27 4.32 -5.96	64.30 5.24 -6.09	106.36 6.31 -34.99	108.13 7.13 -34.93	126.33 8.93 -47.09	127.13 9.33 -41.90	141.01 10.05 -47.25	108.17 7.72 -28.27	97.95 6.50 -22.35	73.17 4.77 -12.92	60.94 4.87 -10.52	46.11 4.19 -2.80	42.84 3.79 -1.87
WEST CANADA___HYD 24049	38.46 0.27 0.00	37.57 0.19 0.00	37.25 0.19 0.00	35.50 0.18 0.00	35.34 0.18 0.00	37.79 0.19 0.00	38.00 0.23 0.00	39.54 0.35 0.00	40.49 0.32 0.00	42.69 0.38 0.00	45.19 0.40 0.00	48.46 0.48 0.00	53.44 0.48 0.00	65.58 0.52 0.00	66.59 0.53 0.00	70.94 0.63 0.00	76.57 0.68 0.00	84.55 0.84 0.00	72.68 0.51 0.00	69.60 0.49 0.00	55.87 0.39 0.00	45.87 0.32 0.00	39.36 0.24 0.00	37.33 0.15 0.00
WESTERN_NY_WIND 24143	39.49 1.30 0.00	38.17 0.79 0.00	37.47 0.41 0.00	35.85 0.53 0.00	35.80 0.63 0.00	38.24 0.64 0.00	38.60 0.83 0.00	39.35 0.16 0.00	40.65 0.48 0.00	42.64 0.34 0.00	45.64 0.85 0.00	49.04 1.05 0.00	54.19 1.22 0.00	65.62 0.46 -0.10	67.35 0.40 -0.89	72.19 -0.77 -2.65	76.55 -1.52 -2.17	84.49 -1.25 -2.03	72.41 -0.43 -0.67	69.87 0.76 0.00	56.64 1.17 0.00	46.19 0.64 0.00	39.12 0.00 0.00	37.48 0.30 0.00
WESTOVER___LESR 323668	39.26 1.07 0.00	38.13 0.75 0.00	37.76 0.70 0.00	35.95 0.64 0.00	35.87 0.70 0.00	38.35 0.75 0.00	38.64 0.87 0.00	40.17 0.98 0.00	41.25 1.08 0.00	43.53 1.23 0.00	46.22 1.43 0.00	49.52 1.54 0.00	54.56 1.59 0.00	67.12 1.82 -0.24	70.12 1.85 -2.21	77.85 1.48 -6.07	82.39 1.44 -5.06	90.83 2.09 -5.02	75.79 1.95 -1.67	71.04 1.94 0.00	57.20 1.72 0.00	46.92 1.37 0.00	39.98 0.86 0.00	37.85 0.67 0.00
WETHRSFD_WT_PWR 323626	39.22 1.03 0.00	37.91 0.52 0.00	37.32 0.26 0.00	35.71 0.39 0.00	35.65 0.49 0.00	38.05 0.45 0.00	38.41 0.64 0.00	39.27 0.08 0.00	40.61 0.44 0.00	42.69 0.38 0.00	45.60 0.81 0.00	48.89 0.91 0.00	53.97 1.00 0.00	65.39 0.20 -0.13	67.61 0.33 -1.21	72.66 -1.13 -3.49	77.03 -1.74 -2.88	85.47 -1.00 -2.76	72.80 -0.29 -0.91	69.53 0.42 0.00	56.25 0.78 0.00	46.14 0.59 0.00	38.89 -0.23 0.00	37.41 0.22 0.00
WHAVSTOR_138KV_BK127 55557	40.37 2.18 0.00	38.99 1.61 0.00	38.69 1.63 0.00	37.04 1.59 -0.13	36.70 1.48 -0.06	39.10 1.50 0.00	39.47 1.70 0.00	41.74 2.55 0.00	42.74 2.57 0.00	45.14 2.83 0.00	47.79 3.00 0.00	51.10 3.12 0.00	56.73 3.76 0.00	70.10 4.23 -0.81	78.01 4.43 -7.52	95.10 5.62 -19.17	98.20 6.07 -16.24	107.55 6.78 -17.06	83.11 5.27 -5.67	73.67 4.56 0.00	58.80 3.33 0.00	48.69 3.14 0.00	41.86 2.74 0.00	39.08 1.90 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.37 2.18 0.00	38.99 1.61 0.00	38.69 1.63 0.00	37.04 1.59 -0.13	36.70 1.48 -0.06	39.10 1.50 0.00	39.47 1.70 0.00	41.74 2.55 0.00	42.74 2.57 0.00	45.14 2.83 0.00	47.79 3.00 0.00	51.10 3.12 0.00	56.73 3.76 0.00	70.10 4.23 -0.81	78.01 4.43 -7.52	95.10 5.62 -19.17	98.20 6.07 -16.24	107.55 6.78 -17.06	83.11 5.27 -5.67	73.67 4.56 0.00	58.80 3.33 0.00	48.69 3.14 0.00	41.86 2.74 0.00	39.08 1.90 0.00
WHITEHAL_115KV_TB1 80871	43.04 4.85 0.00	41.65 4.26 0.00	41.25 4.19 0.00	38.99 3.85 0.18	39.02 3.94 0.08	41.81 4.21 0.00	42.27 4.50 0.00	44.33 5.13 0.00	45.55 5.38 0.00	48.14 5.84 0.00	51.11 6.32 0.00	54.99 7.01 0.00	60.12 7.15 0.00	77.26 9.43 -2.76	101.03 9.38 -25.59	119.09 8.86 -39.93	124.10 9.41 -38.79	151.80 10.38 -57.70	100.20 8.73 -19.29	77.33 8.22 0.00	63.08 7.60 0.00	51.65 6.10 0.00	43.89 4.77 0.00	41.05 3.87 0.00
WHITEPLN_13_KV_LOAD 356215	41.05 2.86 0.00	39.66 2.28 0.00	39.36 2.30 0.00	37.65 2.19 -0.15	37.31 2.07 -0.07	39.74 2.14 0.00	40.15 2.38 0.00	42.48 3.29 0.00	43.54 3.37 0.00	45.99 3.68 0.00	48.78 3.99 0.00	52.16 4.17 0.00	57.89 4.93 0.00	71.63 5.73 -0.85	79.94 6.01 -7.86	97.77 7.45 -20.01	100.81 7.97 -16.95	110.34 8.79 -17.83	85.10 7.00 -5.93	75.19 6.08 0.00	59.91 4.44 0.00	49.60 4.05 0.00	42.60 3.48 0.00	39.75 2.57 0.00
WM_FLOYD_69_KV_BK2 356380	50.75 4.35 -8.21	45.68 3.74 -4.56	43.79 3.82 -2.91	39.18 3.71 -0.16	38.83 3.59 -0.08	41.43 3.76 -0.07	44.90 3.97 -3.16	51.18 4.94 -7.05	48.01 5.02 -2.82	60.95 5.25 -13.40	77.52 4.61 -28.12	194.39 4.70 -141.70	201.40 5.61 -142.81	652.45 6.77 -580.63	395.93 7.40 -322.47	326.61 9.07 -247.24	311.69 9.49 -226.31	358.83 10.38 -264.73	361.05 8.01 -280.87	351.10 6.91 -275.08	462.04 5.16 -401.40	226.41 5.24 -175.62	49.11 4.38 -5.61	46.62 3.90 -5.53
WOODARD__115KV_TB2 355635	38.23 0.04 0.00	37.23 -0.15 0.00	36.84 -0.22 0.00	35.11 -0.21 0.00	35.02 -0.14 0.00	37.45 -0.15 0.00	37.77 0.00 0.00	39.27 0.08 0.00	40.33 0.16 0.00	42.60 0.30 0.00	45.15 0.36 0.00	48.42 0.43 0.00	53.29 0.32 0.00	65.45 0.39 0.00	66.46 0.40 0.00	71.75 0.28 -1.17	76.80 0.15 -0.76	84.07 0.33 -0.02	72.39 0.22 0.00	69.39 0.28 0.00	55.81 0.33 0.00	45.82 0.27 0.00	39.04 -0.08 0.00	37.00 -0.19 0.00
YORK___WARBASSE 23770	41.02 2.83 0.00	39.63 2.24 -0.01	39.40 2.33 -0.01	37.70 2.23 -0.16	37.31 2.07 -0.08	39.71 2.11 0.00	39.93 2.15 0.00	42.37 3.17 0.00	43.38 3.21 0.00	45.86 3.55 0.00	48.46 3.67 0.00	51.72 3.74 0.01	57.41 4.45 0.01	89.14 5.14 -18.94	89.38 5.42 -17.90	111.26 7.03 -33.92	112.77 7.59 -29.29	117.61 8.37 -25.52	101.87 6.42 -23.28	85.62 5.53 -10.98	61.13 4.05 -1.61	49.37 3.83 0.01	42.85 3.68 -0.06	39.90 2.71 0.00