

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/22/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	41.37	38.60	35.65	33.40	33.31	32.88	30.45	32.77	36.57	43.93	50.56	54.46	60.04	61.78	62.67	70.40	85.36	104.33	113.97	106.35	95.69	79.98	67.84	60.49
24138	3.50	3.30	3.03	2.79	2.70	2.67	2.79	3.09	3.48	4.35	4.76	5.00	5.31	5.41	5.85	6.05	8.46	10.00	10.77	9.19	7.38	5.87	4.62	3.90
	-2.48	-1.62	0.00	0.00	-0.90	-1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.59	-4.38	-7.26	-2.58	0.00	0.00
74TH STREET_GT_1	41.37	38.63	35.65	33.43	33.34	32.88	30.45	32.77	36.57	43.93	50.56	54.46	60.04	61.78	62.62	70.47	85.44	104.52	114.18	106.53	95.86	80.13	67.90	60.49
24260	3.50	3.33	3.03	2.82	2.73	2.67	2.79	3.09	3.48	4.35	4.76	5.00	5.31	5.41	5.80	6.11	8.54	10.19	10.98	9.37	7.54	6.01	4.68	3.90
	-2.48	-1.62	0.00	0.00	-0.90	-1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.59	-4.38	-7.26	-2.58	0.00	0.00
74TH STREET_GT_2	41.37	38.63	35.65	33.43	33.34	32.88	30.45	32.77	36.57	43.93	50.56	54.46	60.04	61.78	62.62	70.47	85.44	104.52	114.18	106.53	95.86	80.13	67.90	60.49
24261	3.50	3.33	3.03	2.82	2.73	2.67	2.79	3.09	3.48	4.35	4.76	5.00	5.31	5.41	5.80	6.11	8.54	10.19	10.98	9.37	7.54	6.01	4.68	3.90
	-2.48	-1.62	0.00	0.00	-0.90	-1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.59	-4.38	-7.26	-2.58	0.00	0.00
ADK HUDSON__FALLS	46.82	41.90	34.70	32.54	32.67	32.31	29.51	31.58	35.35	42.35	48.41	52.29	57.80	59.41	60.17	68.22	82.98	102.16	117.28	140.52	153.67	100.96	67.97	60.27
24011	2.37	2.29	2.09	1.93	1.90	1.88	1.85	1.90	2.25	2.77	2.61	2.82	3.07	3.04	3.35	3.86	6.08	7.83	9.34	8.26	7.21	6.15	4.74	3.68
	-9.06	-5.94	0.00	0.00	-1.05	-1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.33	-39.48	-65.39	-23.28	0.00	0.00
ADK RESOURCE__RCVRY	46.96	41.99	34.77	32.58	32.79	32.40	29.56	31.64	35.55	42.47	48.45	52.49	57.96	59.41	60.29	68.54	83.43	102.82	118.13	141.48	154.76	101.66	68.47	60.77
23798	2.48	2.36	2.15	1.96	2.02	1.97	1.91	1.96	2.45	2.89	2.66	3.02	3.23	3.04	3.47	4.18	6.53	8.49	10.16	9.00	7.95	6.72	5.24	4.19
	-9.10	-5.97	0.00	0.00	-1.05	-1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.36	-39.70	-65.75	-23.40	0.00	0.00
ADK S GLENS__FALLS	46.82	41.90	34.70	32.54	32.67	32.31	29.51	31.58	35.35	42.35	48.41	52.29	57.80	59.41	60.17	68.22	82.98	102.16	117.28	140.52	153.67	100.96	67.97	60.27
24028	2.37	2.29	2.09	1.93	1.90	1.88	1.85	1.90	2.25	2.77	2.61	2.82	3.07	3.04	3.35	3.86	6.08	7.83	9.34	8.26	7.21	6.15	4.74	3.68
	-9.06	-5.94	0.00	0.00	-1.05	-1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.33	-39.48	-65.39	-23.28	0.00	0.00
ADK_NYS__DAM	44.98	40.77	35.10	32.88	32.99	32.59	29.82	31.97	35.75	42.75	48.91	52.59	58.02	59.58	60.46	68.41	82.59	101.12	113.48	126.91	132.39	92.47	66.70	59.47
23527	2.62	2.53	2.48	2.27	2.26	2.20	2.16	2.29	2.65	3.17	3.12	3.12	3.28	3.21	3.64	4.06	5.69	6.80	7.07	6.03	4.78	4.36	3.48	2.88
	-6.97	-4.57	0.00	0.00	-1.03	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.80	-28.11	-46.55	-16.57	0.00	0.00
AIR_PRODUCTS__DRP	42.54	38.83	33.95	31.90	31.99	31.60	28.71	30.75	34.22	40.97	46.99	50.56	55.77	57.50	58.18	65.77	79.13	96.97	108.22	115.97	117.64	85.38	64.11	57.10
24190	1.45	1.41	1.34	1.29	1.25	1.22	1.05	1.07	1.13	1.39	1.19	1.09	1.04	1.13	1.36	1.42	2.23	2.64	2.77	2.13	1.70	1.43	0.89	0.51
	-5.70	-3.74	0.00	0.00	-1.03	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.84	-21.06	-34.88	-12.41	0.00	0.00
AKWESSNE_115KV_BK	34.72	33.00	31.87	29.91	29.03	28.26	26.86	28.91	32.24	38.51	44.93	48.48	53.75	55.30	55.51	63.00	74.36	90.93	98.91	89.72	78.71	69.96	62.09	55.85
355683	-0.67	-0.67	-0.75	-0.70	-0.68	-0.72	-0.80	-0.77	-0.86	-1.07	-0.87	-0.99	-0.99	-1.07	-1.31	-1.35	-2.54	-3.40	-3.69	-3.06	-2.35	-1.57	-1.14	-0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	42.02	38.63	34.41	32.30	32.33	31.90	29.09	31.05	34.55	41.24	47.36	51.00	56.26	57.89	58.64	66.54	80.13	98.47	109.30	113.00	111.36	84.13	65.82	58.79
323833	1.84	1.82	1.79	1.68	1.60	1.54	1.44	1.37	1.45	1.66	1.56	1.54	1.53	1.52	1.82	2.19	3.23	4.15	4.51	4.08	3.56	3.07	2.59	2.20
	-4.80	-3.15	0.00	0.00	-1.01	-1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.18	-16.14	-26.74	-9.52	0.00	0.00
ALBANY_2_SOLAR	42.02	38.60	34.38	32.27	32.30	31.90	29.07	31.05	34.55	41.24	47.36	51.00	56.26	57.89	58.64	66.54	80.13	98.38	109.30	113.00	111.27	84.12	65.82	58.74
323834	1.84	1.78	1.76	1.65	1.57	1.54	1.41	1.37	1.45	1.66	1.56	1.54	1.53	1.52	1.82	2.19	3.23	4.05	4.51	4.08	3.48	3.07	2.59	2.15
	-4.80	-3.14	0.00	0.00	-1.01	-1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.18	-16.14	-26.73	-9.51	0.00	0.00
ALBANY__1	42.54	38.83	33.95	31.90	31.99	31.60	28.71	30.75	34.22	40.97	46.99	50.56	55.77	57.50	58.18	65.77	79.13	96.97	108.22	115.97	117.64	85.38	64.11	57.10
23571	1.45	1.41	1.34	1.29	1.25	1.22	1.05	1.07	1.13	1.39	1.19	1.09	1.04	1.13	1.36	1.42	2.23	2.64	2.77	2.13	1.70	1.43	0.89	0.51
	-5.70	-3.74	0.00	0.00	-1.03	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.84	-21.06	-34.88	-12.41	0.00	0.00

ALBANY___2 23572	42.54 1.45 -5.70	38.83 1.41 -3.74	33.95 1.34 0.00	31.90 1.29 0.00	31.99 1.25 -1.03	31.60 1.22 -1.40	28.71 1.05 0.00	30.75 1.07 0.00	34.22 1.13 0.00	40.97 1.39 0.00	46.99 1.19 0.00	50.56 1.09 0.00	55.77 1.04 0.00	57.50 1.13 0.00	58.18 1.36 0.00	65.77 1.42 0.00	79.13 2.23 0.00	96.97 2.64 0.00	108.22 2.77 -2.84	115.97 2.13 -21.06	117.64 1.70 -34.88	85.38 1.43 -12.41	64.11 0.89 0.00	57.10 0.51 0.00
ALBANY___3 23573	42.54 1.45 -5.70	38.83 1.41 -3.74	33.95 1.34 0.00	31.90 1.29 0.00	31.99 1.25 -1.03	31.60 1.22 -1.40	28.71 1.05 0.00	30.75 1.07 0.00	34.22 1.13 0.00	40.97 1.39 0.00	46.99 1.19 0.00	50.56 1.09 0.00	55.77 1.04 0.00	57.50 1.13 0.00	58.18 1.36 0.00	65.77 1.42 0.00	79.13 2.23 0.00	96.97 2.64 0.00	108.22 2.77 -2.84	115.97 2.13 -21.06	117.64 1.70 -34.88	85.38 1.43 -12.41	64.11 0.89 0.00	57.10 0.51 0.00
ALBANY___4 23574	42.54 1.45 -5.70	38.83 1.41 -3.74	33.95 1.34 0.00	31.90 1.29 0.00	31.99 1.25 -1.03	31.60 1.22 -1.40	28.71 1.05 0.00	30.75 1.07 0.00	34.22 1.13 0.00	40.97 1.39 0.00	46.99 1.19 0.00	50.56 1.09 0.00	55.77 1.04 0.00	57.50 1.13 0.00	58.18 1.36 0.00	65.77 1.42 0.00	79.13 2.23 0.00	96.97 2.64 0.00	108.22 2.77 -2.84	115.97 2.13 -21.06	117.64 1.70 -34.88	85.38 1.43 -12.41	64.11 0.89 0.00	57.10 0.51 0.00
ALBANY___LFGE 323615	43.82 1.73 -6.70	39.74 1.68 -4.39	34.22 1.60 0.00	32.11 1.50 0.00	32.26 1.51 -1.04	31.87 1.48 -1.41	28.93 1.27 0.00	30.99 1.30 0.00	34.59 1.49 0.00	41.36 1.78 0.00	47.44 1.65 0.00	51.15 1.68 0.00	56.43 1.70 0.00	58.00 1.64 0.00	58.81 1.99 0.00	66.61 2.25 0.00	80.21 3.30 0.00	98.29 3.96 0.00	110.40 4.21 -3.58	122.81 3.52 -26.50	127.79 2.84 -43.90	89.59 2.43 -15.63	65.06 1.83 0.00	58.12 1.53 0.00
ALCOA_PA_115KV_PL-6C 55860	34.96 -0.42 0.00	33.20 -0.47 0.00	32.10 -0.52 0.00	30.13 -0.49 0.00	29.20 -0.51 0.00	28.41 -0.58 0.00	26.97 -0.69 0.00	29.00 -0.68 0.00	32.34 -0.76 0.00	38.63 -0.95 0.00	45.11 -0.69 0.00	48.68 -0.79 0.00	53.97 -0.77 0.00	55.52 -0.85 0.00	55.80 -1.02 0.00	63.33 -1.03 0.00	73.98 -2.92 0.00	90.37 -3.96 0.00	98.40 -4.21 0.00	89.35 -3.43 0.00	78.55 -2.51 0.00	70.53 -1.00 0.00	62.53 -0.70 0.00	56.25 -0.34 0.00
ALCOA_RYNLDS___DRP 24188	34.96 -0.42 0.00	33.20 -0.47 0.00	32.10 -0.52 0.00	30.13 -0.49 0.00	29.20 -0.51 0.00	28.41 -0.58 0.00	26.97 -0.69 0.00	29.00 -0.68 0.00	32.34 -0.76 0.00	38.63 -0.95 0.00	45.11 -0.69 0.00	48.68 -0.79 0.00	53.97 -0.77 0.00	55.52 -0.85 0.00	55.80 -1.02 0.00	63.33 -1.03 0.00	73.98 -2.92 0.00	90.37 -3.96 0.00	98.40 -4.21 0.00	89.35 -3.43 0.00	78.55 -2.51 0.00	70.53 -1.00 0.00	62.53 -0.70 0.00	56.25 -0.34 0.00
ALCOA___DSASP 323711	34.96 -0.42 0.00	33.20 -0.47 0.00	32.09 -0.52 0.00	30.12 -0.49 0.00	29.20 -0.51 0.00	28.41 -0.58 0.00	26.97 -0.69 0.00	29.00 -0.68 0.00	32.37 -0.73 0.00	38.63 -0.95 0.00	45.25 -0.55 0.00	48.67 -0.79 0.00	54.08 -0.65 0.00	55.81 -0.56 0.00	55.91 -0.91 0.00	63.32 -1.03 0.00	73.98 -2.92 0.00	90.37 -3.96 0.00	98.40 -4.21 0.00	89.35 -3.43 0.00	78.55 -2.51 0.00	70.53 -1.00 0.00	62.59 -0.63 0.00	56.02 -0.57 0.00
ALLEGHENY___COGEN 23514	36.67 0.81 -0.47	34.82 0.84 -0.31	33.30 0.69 0.00	31.20 0.58 0.00	30.20 0.33 -0.16	29.56 0.35 -0.22	28.10 0.44 0.00	29.62 -0.06 0.00	32.57 -0.53 0.00	38.83 -0.75 0.00	44.15 -1.69 -0.05	47.88 -1.58 0.00	52.65 -3.50 -1.42	52.99 -3.38 0.00	53.98 -2.84 0.00	61.71 -2.64 0.00	74.90 -2.00 0.00	93.86 -0.47 0.00	104.48 1.74 -0.13	97.53 3.81 -0.95	87.16 4.54 -1.57	75.95 3.86 -0.56	66.32 3.10 0.00	59.47 2.88 0.00
ALTAMONT_115KV_TB 2 55880	41.85 1.49 -4.98	38.39 1.45 -3.26	34.02 1.40 0.00	31.93 1.32 0.00	31.98 1.25 -1.03	31.63 1.25 -1.40	28.85 1.19 0.00	30.90 1.22 0.00	34.42 1.32 0.00	41.20 1.62 0.00	47.40 1.60 0.00	51.05 1.58 0.00	56.43 1.70 0.00	58.12 1.75 0.00	58.81 1.99 0.00	66.48 2.12 0.00	79.98 3.08 0.00	98.01 3.68 0.00	108.81 3.90 -2.30	113.17 3.34 -17.05	112.05 2.76 -28.24	83.95 2.36 -10.05	64.99 1.77 0.00	57.95 1.36 0.00
ALTONA_WT_PWR 323606	34.22 -1.17 0.00	32.43 -1.25 0.00	31.12 -1.50 0.00	29.15 -1.47 0.00	28.28 -1.43 0.00	27.57 -1.42 0.00	26.16 -1.49 0.00	28.23 -1.45 0.00	31.58 -1.52 0.00	37.72 -1.86 0.00	44.24 -1.56 0.00	47.59 -1.88 0.00	52.82 -1.92 0.00	54.34 -2.03 0.00	54.32 -2.50 0.00	61.65 -2.70 0.00	73.13 -3.77 0.00	89.52 -4.81 0.00	97.69 -4.92 0.00	88.79 -3.99 0.00	78.14 -2.91 0.00	69.24 -2.29 0.00	61.33 -1.90 0.00	54.83 -1.75 0.00
AMERICAN_REF_FUEL 24010	33.86 -1.95 -0.42	32.26 -1.68 -0.27	30.76 -1.86 0.00	28.84 -1.78 0.00	27.75 -2.11 -0.15	27.27 -1.91 -0.20	26.14 -1.52 0.00	27.69 -1.99 0.00	30.95 -2.15 0.00	37.33 -2.25 0.00	43.31 -2.47 0.01	47.24 -2.23 0.00	51.23 -3.18 0.33	52.71 -3.66 0.00	53.52 -3.30 0.00	61.27 -3.09 0.00	73.21 -3.69 0.00	90.46 -3.87 0.00	98.71 -3.90 0.00	89.35 -3.43 0.00	78.63 -2.43 0.00	69.32 -2.22 0.00	62.09 -1.14 0.00	56.36 -0.23 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.84 -2.02 -0.47	32.16 -1.82 -0.31	30.63 -1.99 0.00	28.69 -1.93 0.00	27.71 -2.17 -0.16	27.30 -1.91 -0.22	26.03 -1.63 0.00	27.66 -2.02 0.00	31.08 -2.02 0.00	37.48 -2.10 0.00	42.72 -3.07 0.01	46.55 -2.92 0.00	51.18 -3.28 0.27	53.04 -3.33 0.00	54.09 -2.73 0.00	62.36 -2.00 0.00	74.98 -1.92 0.00	93.20 -1.13 0.00	102.12 -0.61 -0.13	93.54 -0.19 -0.95	83.03 0.41 -1.57	72.31 0.22 -0.56	63.79 0.57 0.00	57.72 1.13 0.00
ARTHUR KILL_GT_1 23520	41.52 3.64 -2.49	38.77 3.47 -1.63	35.82 3.20 -0.01	33.59 2.97 -0.01	33.50 2.88 -0.91	33.06 2.84 -1.24	30.62 2.96 -0.01	32.90 3.21 -0.01	36.68 3.57 -0.01	44.02 4.43 -0.01	50.48 4.67 -0.01	54.18 4.70 -0.01	54.55 4.93 5.10	56.40 4.96 4.93	57.06 5.23 4.99	61.44 5.21 8.13	68.81 7.54 15.63	74.76 8.96 28.53	81.80 9.54 30.35	67.36 8.07 33.49	57.44 6.48 30.11	57.31 5.01 19.23	56.03 3.86 11.05	54.58 3.40 5.40
ARTHUR_KILL_2 23512	41.38 3.50 -2.49	38.64 3.33 -1.63	35.69 3.07 -0.01	33.50 2.88 -0.01	33.47 2.85 -0.91	33.01 2.78 -1.24	30.51 2.85 -0.01	32.81 3.12 -0.01	36.68 3.58 -0.01	43.86 4.28 -0.01	50.20 4.40 -0.01	53.98 4.50 -0.01	54.23 4.60 5.10	55.78 4.34 4.93	56.54 4.71 4.99	61.11 4.89 8.13	68.34 7.07 15.63	74.19 8.39 28.53	81.18 8.92 30.35	66.80 7.51 33.49	56.95 6.00 30.11	56.95 4.65 19.23	55.84 3.67 11.05	54.86 3.68 5.40
ARTHUR_KILL_3 23513	40.98 3.11 -2.48	38.23 2.93 -1.62	35.26 2.64 0.00	33.07 2.45 0.00	33.05 2.44 -0.90	32.56 2.35 -1.23	30.09 2.43 0.00	32.41 2.73 0.00	36.28 3.18 0.00	43.46 3.88 0.00	49.92 4.12 0.00	53.72 4.25 0.00	54.00 4.38 5.11	55.60 4.17 4.94	56.48 4.66 5.00	61.24 5.02 8.14	68.49 7.23 15.64	74.37 8.58 28.54	81.49 9.24 30.36	67.08 7.79 33.50	57.10 6.16 30.12	57.09 4.79 19.24	55.96 3.79 11.06	54.69 3.51 5.41

ARTHUR_KILL_COGEN 323718	41.52 3.65 -2.49	38.77 3.47 -1.63	35.82 3.20 -0.01	33.59 2.97 -0.01	33.56 2.94 -0.91	33.09 2.87 -1.24	30.63 2.96 -0.01	32.90 3.21 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.39 4.58 -0.01	54.18 4.70 -0.01	54.45 4.82 5.10	56.06 4.62 4.93	56.83 5.00 4.99	61.44 5.21 8.13	68.81 7.54 15.63	74.76 8.97 28.53	81.80 9.54 30.35	67.36 8.07 33.49	57.44 6.49 30.11	57.31 5.01 19.23	56.16 3.99 11.05	55.15 3.96 5.40
ASHOKAN____ 23654	40.84 1.42 -4.03	37.63 1.31 -2.64	35.10 2.48 0.00	32.73 2.11 0.00	31.51 0.83 -0.97	31.09 0.78 -1.32	29.54 1.88 0.00	31.49 1.81 0.00	35.12 2.02 0.00	41.92 2.33 0.00	48.22 2.43 0.00	52.14 2.67 0.00	57.63 2.90 0.00	59.52 3.15 0.00	60.74 3.92 0.00	69.69 5.34 0.00	84.66 7.76 0.00	104.43 10.10 0.00	111.76 7.49 -1.67	111.61 6.49 -12.34	106.84 5.35 -20.44	82.60 3.79 -7.27	68.28 5.06 0.00	60.66 4.08 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.43 2.77 -0.01	32.75 3.06 -0.01	36.58 3.47 -0.01	43.94 4.35 -0.01	50.43 4.62 -0.01	54.23 4.75 -0.01	59.61 4.87 -0.01	61.05 4.68 -0.01	61.77 4.94 -0.01	69.51 5.15 -0.01	84.22 7.31 -0.01	103.01 8.67 -0.01	112.55 9.34 -0.60	105.05 7.88 -4.39	94.65 6.33 -7.27	79.06 4.93 -2.59	67.09 3.86 -0.01	60.50 3.90 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.43 2.77 -0.01	32.75 3.06 -0.01	36.58 3.47 -0.01	43.94 4.35 -0.01	50.43 4.62 -0.01	54.23 4.75 -0.01	59.61 4.87 -0.01	61.05 4.68 -0.01	61.77 4.94 -0.01	69.51 5.15 -0.01	84.22 7.31 -0.01	103.01 8.67 -0.01	112.55 9.34 -0.60	105.05 7.88 -4.39	94.65 6.33 -7.27	79.06 4.93 -2.59	67.09 3.86 -0.01	60.50 3.90 -0.01
ASTORIA_GT2_1 24094	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.41 2.79 -0.91	33.00 2.78 -1.24	30.46 2.79 -0.01	32.78 3.09 -0.01	36.52 3.41 -0.01	43.94 4.35 -0.01	50.48 4.67 -0.01	54.27 4.80 -0.01	59.72 4.98 -0.01	61.39 5.02 -0.01	62.06 5.23 -0.01	69.51 5.15 -0.01	84.29 7.38 -0.01	103.11 8.77 -0.01	112.55 9.34 -0.60	105.06 7.89 -4.39	94.65 6.32 -7.27	79.06 4.94 -2.59	66.96 3.73 -0.01	59.93 3.34 -0.01
ASTORIA_GT2_2 24095	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.41 2.79 -0.91	33.00 2.78 -1.24	30.46 2.79 -0.01	32.78 3.09 -0.01	36.52 3.41 -0.01	43.94 4.35 -0.01	50.48 4.67 -0.01	54.27 4.80 -0.01	59.72 4.98 -0.01	61.39 5.02 -0.01	62.06 5.23 -0.01	69.51 5.15 -0.01	84.29 7.38 -0.01	103.11 8.77 -0.01	112.55 9.34 -0.60	105.06 7.89 -4.39	94.65 6.32 -7.27	79.06 4.94 -2.59	66.96 3.73 -0.01	59.93 3.34 -0.01
ASTORIA_GT2_3 24096	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.41 2.79 -0.91	33.00 2.78 -1.24	30.46 2.79 -0.01	32.78 3.09 -0.01	36.52 3.41 -0.01	43.94 4.35 -0.01	50.48 4.67 -0.01	54.27 4.80 -0.01	59.72 4.98 -0.01	61.39 5.02 -0.01	62.06 5.23 -0.01	69.51 5.15 -0.01	84.29 7.38 -0.01	103.11 8.77 -0.01	112.55 9.34 -0.60	105.06 7.89 -4.39	94.65 6.32 -7.27	79.06 4.94 -2.59	66.96 3.73 -0.01	59.93 3.34 -0.01
ASTORIA_GT2_4 24097	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.41 2.79 -0.91	33.00 2.78 -1.24	30.46 2.79 -0.01	32.78 3.09 -0.01	36.52 3.41 -0.01	43.94 4.35 -0.01	50.48 4.67 -0.01	54.27 4.80 -0.01	59.72 4.98 -0.01	61.39 5.02 -0.01	62.06 5.23 -0.01	69.51 5.15 -0.01	84.29 7.38 -0.01	103.11 8.77 -0.01	112.55 9.34 -0.60	105.06 7.89 -4.39	94.65 6.32 -7.27	79.06 4.94 -2.59	66.96 3.73 -0.01	59.93 3.34 -0.01
ASTORIA_GT3_1 24098	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.41 2.79 -0.91	33.00 2.78 -1.24	30.46 2.79 -0.01	32.78 3.09 -0.01	36.52 3.41 -0.01	43.94 4.35 -0.01	50.48 4.67 -0.01	54.27 4.80 -0.01	59.72 4.98 -0.01	61.39 5.02 -0.01	62.06 5.23 -0.01	69.51 5.15 -0.01	84.29 7.38 -0.01	103.11 8.77 -0.01	112.55 9.34 -0.60	105.06 7.89 -4.39	94.65 6.32 -7.27	79.06 4.94 -2.59	66.96 3.73 -0.01	59.93 3.34 -0.01
ASTORIA_GT3_2 24099	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.41 2.79 -0.91	33.00 2.78 -1.24	30.46 2.79 -0.01	32.78 3.09 -0.01	36.52 3.41 -0.01	43.94 4.35 -0.01	50.48 4.67 -0.01	54.27 4.80 -0.01	59.72 4.98 -0.01	61.39 5.02 -0.01	62.06 5.23 -0.01	69.51 5.15 -0.01	84.29 7.38 -0.01	103.11 8.77 -0.01	112.55 9.34 -0.60	105.06 7.89 -4.39	94.65 6.32 -7.27	79.06 4.94 -2.59	66.96 3.73 -0.01	59.93 3.34 -0.01
ASTORIA_GT3_3 24100	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.41 2.79 -0.91	33.00 2.78 -1.24	30.46 2.79 -0.01	32.78 3.09 -0.01	36.52 3.41 -0.01	43.94 4.35 -0.01	50.48 4.67 -0.01	54.27 4.80 -0.01	59.72 4.98 -0.01	61.39 5.02 -0.01	62.06 5.23 -0.01	69.51 5.15 -0.01	84.29 7.38 -0.01	103.11 8.77 -0.01	112.55 9.34 -0.60	105.06 7.89 -4.39	94.65 6.32 -7.27	79.06 4.94 -2.59	66.96 3.73 -0.01	59.93 3.34 -0.01
ASTORIA_GT3_4 24101	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.41 2.79 -0.91	33.00 2.78 -1.24	30.46 2.79 -0.01	32.78 3.09 -0.01	36.52 3.41 -0.01	43.94 4.35 -0.01	50.48 4.67 -0.01	54.27 4.80 -0.01	59.72 4.98 -0.01	61.39 5.02 -0.01	62.06 5.23 -0.01	69.51 5.15 -0.01	84.29 7.38 -0.01	103.11 8.77 -0.01	112.55 9.34 -0.60	105.06 7.89 -4.39	94.65 6.32 -7.27	79.06 4.94 -2.59	66.96 3.73 -0.01	59.93 3.34 -0.01
ASTORIA_GT4_1 24102	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.41 2.79 -0.91	33.00 2.78 -1.24	30.46 2.79 -0.01	32.78 3.09 -0.01	36.52 3.41 -0.01	43.94 4.35 -0.01	50.48 4.67 -0.01	54.27 4.80 -0.01	59.72 4.98 -0.01	61.39 5.02 -0.01	62.06 5.23 -0.01	69.51 5.15 -0.01	84.29 7.38 -0.01	103.11 8.77 -0.01	112.55 9.34 -0.60	105.06 7.89 -4.39	94.65 6.32 -7.27	79.06 4.94 -2.59	66.96 3.73 -0.01	59.93 3.34 -0.01
ASTORIA_GT4_2 24103	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.41 2.79 -0.91	33.00 2.78 -1.24	30.46 2.79 -0.01	32.78 3.09 -0.01	36.52 3.41 -0.01	43.94 4.35 -0.01	50.48 4.67 -0.01	54.27 4.80 -0.01	59.72 4.98 -0.01	61.39 5.02 -0.01	62.06 5.23 -0.01	69.51 5.15 -0.01	84.29 7.38 -0.01	103.11 8.77 -0.01	112.55 9.34 -0.60	105.06 7.89 -4.39	94.65 6.32 -7.27	79.06 4.94 -2.59	66.96 3.73 -0.01	59.93 3.34 -0.01
ASTORIA_GT4_3 24104	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.41 2.79 -0.91	33.00 2.78 -1.24	30.46 2.79 -0.01	32.78 3.09 -0.01	36.52 3.41 -0.01	43.94 4.35 -0.01	50.48 4.67 -0.01	54.27 4.80 -0.01	59.72 4.98 -0.01	61.39 5.02 -0.01	62.06 5.23 -0.01	69.51 5.15 -0.01	84.29 7.38 -0.01	103.11 8.77 -0.01	112.55 9.34 -0.60	105.06 7.89 -4.39	94.65 6.32 -7.27	79.06 4.94 -2.59	66.96 3.73 -0.01	59.93 3.34 -0.01

ASTORIA_GT4_4 24105	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.41 2.79 -0.91	33.00 2.78 -1.24	30.46 2.79 -0.01	32.78 3.09 -0.01	36.52 3.41 -0.01	43.94 4.35 -0.01	50.48 4.67 -0.01	54.27 4.80 -0.01	59.72 4.98 -0.01	61.39 5.02 -0.01	62.06 5.23 -0.01	69.51 5.15 -0.01	84.29 7.38 -0.01	103.11 8.77 -0.01	112.55 9.34 -0.60	105.06 7.89 -4.39	94.65 6.32 -7.27	79.06 4.94 -2.59	66.96 3.73 -0.01	59.93 3.34 -0.01
ASTORIA_GT_1 23523	41.48 3.61 -2.49	38.74 3.43 -1.63	35.72 3.10 -0.01	33.56 2.94 -0.01	33.47 2.85 -0.91	33.03 2.81 -1.24	30.51 2.85 -0.01	32.84 3.15 -0.01	36.58 3.48 -0.01	44.02 4.43 -0.01	50.57 4.76 -0.01	54.37 4.90 -0.01	59.89 5.14 -0.01	61.56 5.19 -0.01	62.23 5.40 -0.01	69.70 5.34 -0.01	84.52 7.61 -0.01	103.39 9.06 -0.01	112.96 9.75 -0.60	105.43 8.26 -4.39	94.89 6.57 -7.27	79.28 5.15 -2.59	67.09 3.86 -0.01	60.10 3.51 -0.01
ASTORIA_GT_10 24110	41.26 3.40 -2.48	38.53 3.23 -1.62	35.56 2.94 -0.01	33.38 2.76 -0.01	33.26 2.64 -0.90	32.82 2.61 -1.23	30.38 2.71 -0.01	32.69 3.00 -0.01	36.45 3.34 -0.01	43.78 4.20 -0.01	50.33 4.53 0.00	54.17 4.70 0.00	59.55 4.82 0.00	61.22 4.85 0.00	61.88 5.06 0.00	69.36 5.02 0.01	74.49 7.23 9.64	81.73 8.58 21.18	89.41 9.23 22.44	75.00 7.79 25.58	69.20 6.16 18.02	68.88 4.86 7.52	66.88 3.67 0.01	59.87 3.28 0.00
ASTORIA_GT_11 24225	41.26 3.40 -2.48	38.53 3.23 -1.62	35.56 2.94 -0.01	33.38 2.76 -0.01	33.26 2.64 -0.90	32.82 2.61 -1.23	30.38 2.71 -0.01	32.69 3.00 -0.01	36.45 3.34 -0.01	43.78 4.20 -0.01	50.33 4.53 0.00	54.17 4.70 0.00	59.55 4.82 0.00	61.22 4.85 0.00	61.88 5.06 0.00	69.36 5.02 0.01	74.49 7.23 9.64	81.73 8.58 21.18	89.41 9.23 22.44	75.00 7.79 25.58	69.20 6.16 18.02	68.88 4.86 7.52	66.88 3.67 0.01	59.87 3.28 0.00
ASTORIA_GT_12 24226	41.26 3.40 -2.48	38.53 3.23 -1.62	35.56 2.94 -0.01	33.38 2.76 -0.01	33.26 2.64 -0.90	32.82 2.61 -1.23	30.38 2.71 -0.01	32.69 3.00 -0.01	36.45 3.34 -0.01	43.78 4.20 -0.01	50.33 4.53 0.00	54.17 4.70 0.00	59.55 4.82 0.00	61.22 4.85 0.00	61.88 5.06 0.00	69.36 5.02 0.01	74.49 7.23 9.64	81.73 8.58 21.18	89.41 9.23 22.44	75.00 7.79 25.58	69.20 6.16 18.02	68.88 4.86 7.52	66.88 3.67 0.01	59.87 3.28 0.00
ASTORIA_GT_13 24227	41.26 3.40 -2.48	38.53 3.23 -1.62	35.56 2.94 -0.01	33.38 2.76 -0.01	33.26 2.64 -0.90	32.82 2.61 -1.23	30.38 2.71 -0.01	32.69 3.00 -0.01	36.45 3.34 -0.01	43.78 4.20 -0.01	50.33 4.53 0.00	54.17 4.70 0.00	59.55 4.82 0.00	61.22 4.85 0.00	61.88 5.06 0.00	69.36 5.02 0.01	74.49 7.23 9.64	81.73 8.58 21.18	89.41 9.23 22.44	75.00 7.79 25.58	69.20 6.16 18.02	68.88 4.86 7.52	66.88 3.67 0.01	59.87 3.28 0.00
ASTORIA_GT_5 24106	41.48 3.61 -2.49	38.74 3.43 -1.63	35.72 3.10 -0.01	33.56 2.94 -0.01	33.47 2.85 -0.91	33.03 2.81 -1.24	30.51 2.85 -0.01	32.84 3.15 -0.01	36.58 3.48 -0.01	44.02 4.43 -0.01	50.57 4.76 -0.01	54.37 4.90 -0.01	59.89 5.14 -0.01	61.56 5.19 -0.01	62.23 5.40 -0.01	69.70 5.34 -0.01	84.52 7.61 -0.01	103.39 9.06 -0.01	112.96 9.75 -0.60	105.43 8.26 -4.39	94.89 6.57 -7.27	79.28 5.15 -2.59	67.09 3.86 -0.01	60.10 3.51 -0.01
ASTORIA_GT_7 24107	41.48 3.61 -2.49	38.74 3.43 -1.63	35.72 3.10 -0.01	33.56 2.94 -0.01	33.47 2.85 -0.91	33.03 2.81 -1.24	30.51 2.85 -0.01	32.84 3.15 -0.01	36.58 3.48 -0.01	44.02 4.43 -0.01	50.57 4.76 -0.01	54.37 4.90 -0.01	59.89 5.14 -0.01	61.56 5.19 -0.01	62.23 5.40 -0.01	69.70 5.34 -0.01	84.52 7.61 -0.01	103.39 9.06 -0.01	112.96 9.75 -0.60	105.43 8.26 -4.39	94.89 6.57 -7.27	79.28 5.15 -2.59	67.09 3.86 -0.01	60.10 3.51 -0.01
ASTORIA_GT_8 24108	41.48 3.61 -2.49	38.74 3.43 -1.63	35.72 3.10 -0.01	33.56 2.94 -0.01	33.47 2.85 -0.91	33.03 2.81 -1.24	30.51 2.85 -0.01	32.84 3.15 -0.01	36.58 3.48 -0.01	44.02 4.43 -0.01	50.57 4.76 -0.01	54.37 4.90 -0.01	59.89 5.14 -0.01	61.56 5.19 -0.01	62.23 5.40 -0.01	69.70 5.34 -0.01	84.52 7.61 -0.01	103.39 9.06 -0.01	112.96 9.75 -0.60	105.43 8.26 -4.39	94.89 6.57 -7.27	79.28 5.15 -2.59	67.09 3.86 -0.01	60.10 3.51 -0.01
ASTORIA___2 24149	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.46 2.79 -0.01	32.78 3.09 -0.01	36.61 3.51 -0.01	43.94 4.35 -0.01	50.48 4.67 -0.01	54.27 4.80 -0.01	59.67 4.93 -0.01	61.05 4.68 -0.01	61.83 5.00 -0.01	69.51 5.15 -0.01	84.29 7.38 -0.01	103.11 8.77 -0.01	112.55 9.34 -0.60	105.05 7.88 -4.39	94.65 6.33 -7.27	79.06 4.93 -2.59	67.09 3.86 -0.01	60.55 3.96 -0.01
ASTORIA___3 23516	41.26 3.40 -2.48	38.53 3.23 -1.62	35.56 2.94 -0.01	33.38 2.76 -0.01	33.34 2.73 -0.90	32.85 2.64 -1.23	30.38 2.71 -0.01	32.69 3.00 -0.01	36.55 3.44 -0.01	43.78 4.19 -0.01	50.24 4.44 0.00	54.17 4.70 0.00	59.44 4.71 0.00	60.88 4.51 0.00	61.65 4.83 0.00	69.36 5.02 0.01	74.49 7.23 9.64	81.73 8.58 21.18	89.41 9.24 22.44	75.00 7.79 25.58	69.20 6.16 18.02	68.89 4.87 7.52	67.07 3.86 0.01	60.44 3.85 0.00
ASTORIA___4 23517	41.26 3.40 -2.48	38.53 3.23 -1.62	35.56 2.94 -0.01	33.38 2.76 -0.01	33.26 2.64 -0.90	32.82 2.61 -1.23	30.38 2.71 -0.01	32.69 3.00 -0.01	36.45 3.34 -0.01	43.74 4.16 -0.01	50.33 4.53 0.00	54.17 4.70 0.00	59.55 4.82 0.00	61.22 4.85 0.00	61.88 5.06 0.00	69.36 5.02 0.01	74.49 7.23 9.64	81.73 8.58 21.18	89.41 9.23 22.44	75.00 7.79 25.58	69.20 6.16 18.02	68.88 4.86 7.52	66.88 3.67 0.01	59.87 3.28 0.00
ASTORIA___5 23518	41.26 3.40 -2.48	38.53 3.23 -1.62	35.56 2.94 -0.01	33.38 2.76 -0.01	33.34 2.73 -0.90	32.85 2.64 -1.23	30.38 2.71 -0.01	32.69 3.00 -0.01	36.55 3.44 -0.01	43.78 4.19 -0.01	50.24 4.44 0.00	54.17 4.70 0.00	59.44 4.71 0.00	60.88 4.51 0.00	61.65 4.83 0.00	69.36 5.02 0.01	74.49 7.23 9.64	81.73 8.58 21.18	89.41 9.24 22.44	75.00 7.79 25.58	69.20 6.16 18.02	68.89 4.87 7.52	67.07 3.86 0.01	60.44 3.85 0.00
AST_ENERGY_2_CC3 323677	39.18 3.22 -0.57	38.33 3.03 -1.62	35.36 2.74 0.00	33.19 2.57 0.00	33.17 2.56 -0.90	32.71 2.49 -1.23	30.23 2.57 0.00	32.53 2.85 0.00	36.34 3.25 0.00	39.18 3.96 4.36	40.42 4.21 9.59	40.42 4.45 13.50	40.42 4.60 18.91	40.42 4.45 20.40	40.42 4.89 21.29	42.93 5.34 26.76	50.18 7.61 34.34	56.06 9.06 47.32	63.18 9.64 49.07	48.77 8.17 52.18	40.42 6.56 47.20	40.42 5.15 36.27	40.84 4.11 26.49	40.42 3.79 19.96
AST_ENERGY_2_CC4 323678	39.18 3.22 -0.57	38.33 3.03 -1.62	35.36 2.74 0.00	33.19 2.57 0.00	33.17 2.56 -0.90	32.71 2.49 -1.23	30.23 2.57 0.00	32.53 2.85 0.00	36.34 3.25 0.00	39.18 3.96 4.36	40.42 4.21 9.59	40.42 4.45 13.50	40.42 4.60 18.91	40.42 4.45 20.40	40.42 4.89 21.29	42.93 5.34 26.76	50.18 7.61 34.34	56.06 9.06 47.32	63.18 9.64 49.07	48.77 8.17 52.18	40.42 6.56 47.20	40.42 5.15 36.27	40.84 4.11 26.49	40.42 3.79 19.96

ATHENS_STG_1 23668	39.57 1.80 -2.38	36.98 1.75 -1.56	34.25 1.63 0.00	32.15 1.53 0.00	32.20 1.54 -0.95	31.78 1.51 -1.29	29.12 1.46 0.00	31.23 1.54 0.00	34.89 1.79 0.00	41.72 2.14 0.00	47.91 2.11 0.00	51.70 2.23 0.00	57.03 2.30 0.00	58.56 2.20 0.00	59.38 2.56 0.00	67.18 2.83 0.00	80.90 4.00 0.00	99.04 4.71 0.00	108.09 5.03 -0.45	100.32 4.18 -3.36	90.02 3.40 -5.56	76.38 2.86 -1.98	65.44 2.21 0.00	58.51 1.93 0.00
ATHENS_STG_2 23670	39.57 1.80 -2.38	36.98 1.75 -1.56	34.25 1.63 0.00	32.15 1.53 0.00	32.20 1.54 -0.95	31.78 1.51 -1.29	29.12 1.46 0.00	31.23 1.54 0.00	34.89 1.79 0.00	41.72 2.14 0.00	47.91 2.11 0.00	51.70 2.23 0.00	57.03 2.30 0.00	58.56 2.20 0.00	59.38 2.56 0.00	67.18 2.83 0.00	80.90 4.00 0.00	99.04 4.71 0.00	108.09 5.03 -0.45	100.32 4.18 -3.36	90.02 3.40 -5.56	76.38 2.86 -1.98	65.44 2.21 0.00	58.51 1.93 0.00
ATHENS_STG_3 23677	39.57 1.80 -2.38	36.98 1.75 -1.56	34.25 1.63 0.00	32.15 1.53 0.00	32.20 1.54 -0.95	31.78 1.51 -1.29	29.12 1.46 0.00	31.23 1.54 0.00	34.89 1.79 0.00	41.72 2.14 0.00	47.91 2.11 0.00	51.70 2.23 0.00	57.03 2.30 0.00	58.56 2.20 0.00	59.38 2.56 0.00	67.18 2.83 0.00	80.90 4.00 0.00	99.04 4.71 0.00	108.09 5.03 -0.45	100.32 4.18 -3.36	90.02 3.40 -5.56	76.38 2.86 -1.98	65.44 2.21 0.00	58.51 1.93 0.00
AUBURN____LFGE 323710	36.01 0.28 -0.34	34.17 0.27 -0.22	32.91 0.29 0.00	30.86 0.24 0.00	30.01 0.18 -0.12	29.35 0.20 -0.17	27.96 0.30 0.00	30.01 0.33 0.00	33.53 0.43 0.00	40.17 0.59 0.00	46.26 0.46 0.00	50.16 0.69 0.00	55.61 0.88 0.00	57.50 1.13 0.00	58.07 1.25 0.00	65.77 1.42 0.00	79.28 2.38 0.00	97.53 3.21 0.00	106.10 3.49 0.00	96.31 3.53 0.00	84.22 3.16 0.00	74.11 2.58 0.00	65.18 1.96 0.00	58.06 1.47 0.00
BABYLON_RES_REC 323704	41.98 4.10 -2.49	39.10 3.80 -1.62	35.85 3.23 0.00	33.55 2.94 0.00	33.52 2.91 -0.90	32.94 2.72 -1.23	30.56 2.90 0.00	33.01 3.32 0.00	36.94 3.84 0.00	44.38 4.79 -0.01	54.10 4.99 -3.31	57.88 5.30 -3.12	60.36 5.59 -0.04	61.38 4.79 -0.22	63.22 5.22 -1.18	74.66 5.54 -4.77	93.73 7.76 -9.07	107.71 9.43 -3.95	113.26 10.06 -0.59	106.18 8.63 -4.77	94.34 6.65 -6.63	83.62 5.51 -6.58	72.28 4.24 -4.82	61.23 4.64 0.00
BALL_HILL_WT_PWR 323825	34.50 -1.34 -0.46	32.83 -1.14 -0.30	31.28 -1.34 0.00	29.30 -1.32 0.00	28.29 -1.58 -0.16	27.84 -1.36 -0.22	26.55 -1.11 0.00	28.20 -1.48 0.00	31.61 -1.49 0.00	38.08 -1.50 0.00	43.50 -2.29 0.01	47.39 -2.08 0.00	51.87 -2.52 0.34	53.78 -2.59 0.00	54.72 -2.10 0.00	62.88 -1.48 0.00	75.36 -1.54 0.00	93.29 -1.04 0.00	101.90 -0.71 0.00	92.32 -0.46 0.00	81.14 0.08 0.00	71.54 0.00 0.00	63.79 0.57 0.00	57.78 1.19 0.00
BARON_WINDS____WT_PWR 323822	35.05 -0.95 -0.61	33.27 -0.81 -0.40	31.67 -0.95 0.00	29.73 -0.89 0.00	28.88 -1.04 -0.21	28.37 -0.90 -0.28	26.97 -0.69 0.00	28.67 -1.01 0.00	31.97 -1.13 0.00	38.39 -1.19 0.00	43.79 -1.92 0.08	47.74 -1.73 0.00	49.92 -2.19 2.62	54.17 -2.20 0.00	55.12 -1.70 0.00	62.94 -1.42 0.00	75.75 -1.15 0.00	93.57 -0.76 0.00	102.57 -0.20 -0.16	94.56 0.56 -1.22	84.13 1.05 -2.02	73.12 0.86 -0.72	64.04 0.82 0.00	57.66 1.07 0.00
BARRETT_IC_1 23704	41.66 3.79 -2.49	38.83 3.53 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.80 3.12 0.00	36.71 3.61 0.00	44.10 4.51 -0.01	53.70 4.58 -3.32	57.47 4.80 -3.21	60.01 4.93 -0.35	63.52 4.74 -2.42	76.23 5.29 -14.12	127.90 5.92 -57.63	194.32 8.00 -109.42	151.57 9.63 -47.61	113.46 10.26 -0.59	110.71 8.82 -9.11	95.46 7.05 -7.35	128.50 5.93 -51.04	124.91 4.61 -57.08	61.31 4.64 -0.09
BARRETT_IC_10 23701	41.66 3.79 -2.49	38.83 3.53 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.80 3.12 0.00	36.71 3.61 0.00	44.10 4.51 -0.01	53.70 4.58 -3.32	57.47 4.80 -3.21	60.01 4.93 -0.35	63.52 4.74 -2.42	66.43 5.29 -4.32	87.87 5.92 -17.59	118.31 8.00 -33.41	118.48 9.63 -14.53	113.44 10.26 -0.58	107.40 8.82 -5.80	95.39 7.05 -7.28	94.84 5.93 -17.37	124.91 4.61 -57.08	61.31 4.64 -0.09
BARRETT_IC_11 23702	41.66 3.79 -2.49	38.83 3.53 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.80 3.12 0.00	36.71 3.61 0.00	44.10 4.51 -0.01	53.70 4.58 -3.32	57.47 4.80 -3.21	60.01 4.93 -0.35	63.52 4.74 -2.42	66.43 5.29 -4.32	87.87 5.92 -17.59	118.31 8.00 -33.41	118.48 9.63 -14.53	113.44 10.26 -0.58	107.40 8.82 -5.80	95.39 7.05 -7.28	94.84 5.93 -17.37	124.91 4.61 -57.08	61.31 4.64 -0.09
BARRETT_IC_12 23703	41.66 3.79 -2.49	38.83 3.53 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.80 3.12 0.00	36.71 3.61 0.00	44.10 4.51 -0.01	53.70 4.58 -3.32	57.47 4.80 -3.21	60.01 4.93 -0.35	63.52 4.74 -2.42	66.43 5.29 -4.32	87.87 5.92 -17.59	118.31 8.00 -33.41	118.48 9.63 -14.53	113.44 10.26 -0.58	107.40 8.82 -5.80	95.39 7.05 -7.28	94.84 5.93 -17.37	124.91 4.61 -57.08	61.31 4.64 -0.09
BARRETT_IC_2 23705	41.66 3.79 -2.49	38.83 3.53 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.80 3.12 0.00	36.71 3.61 0.00	44.10 4.51 -0.01	53.70 4.58 -3.32	57.47 4.80 -3.21	60.01 4.93 -0.35	63.52 4.74 -2.42	76.23 5.29 -14.12	127.90 5.92 -57.63	194.32 8.00 -109.42	151.57 9.63 -47.61	113.46 10.26 -0.59	110.71 8.82 -9.11	95.46 7.05 -7.35	128.50 5.93 -51.04	124.91 4.61 -57.08	61.31 4.64 -0.09
BARRETT_IC_3 23706	41.66 3.79 -2.49	38.83 3.53 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.80 3.12 0.00	36.71 3.61 0.00	44.10 4.51 -0.01	53.70 4.58 -3.32	57.47 4.80 -3.21	60.01 4.93 -0.35	63.52 4.74 -2.42	76.23 5.29 -14.12	127.90 5.92 -57.63	194.32 8.00 -109.42	151.57 9.63 -47.61	113.46 10.26 -0.59	110.71 8.82 -9.11	95.46 7.05 -7.35	128.50 5.93 -51.04	124.91 4.61 -57.08	61.31 4.64 -0.09
BARRETT_IC_4 23707	41.66 3.79 -2.49	38.83 3.53 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.80 3.12 0.00	36.71 3.61 0.00	44.10 4.51 -0.01	53.70 4.58 -3.32	57.47 4.80 -3.21	60.01 4.93 -0.35	63.52 4.74 -2.42	76.23 5.29 -14.12	127.90 5.92 -57.63	194.32 8.00 -109.42	151.57 9.63 -47.61	113.46 10.26 -0.59	110.71 8.82 -9.11	95.46 7.05 -7.35	128.50 5.93 -51.04	124.91 4.61 -57.08	61.31 4.64 -0.09
BARRETT_IC_5 23708	41.66 3.79 -2.49	38.83 3.53 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.80 3.12 0.00	36.71 3.61 0.00	44.10 4.51 -0.01	53.70 4.58 -3.32	57.47 4.80 -3.21	60.01 4.93 -0.35	63.52 4.74 -2.42	76.23 5.29 -14.12	127.90 5.92 -57.63	194.32 8.00 -109.42	151.57 9.63 -47.61	113.46 10.26 -0.59	110.71 8.82 -9.11	95.46 7.05 -7.35	128.50 5.93 -51.04	124.91 4.61 -57.08	61.31 4.64 -0.09

BARRETT_IC_6 23709	41.66 3.79 -2.49	38.83 3.53 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.80 3.12 0.00	36.71 3.61 0.00	44.10 4.51 -0.01	53.70 4.58 -3.32	57.47 4.80 -3.21	60.01 4.93 -0.35	63.52 4.74 -2.42	76.23 5.29 -14.12	127.90 5.92 -57.63	194.32 8.00 -109.42	151.57 9.63 -47.61	113.46 10.26 -0.59	110.71 8.82 -9.11	95.46 7.05 -7.35	128.50 5.93 -51.04	124.91 4.61 -57.08	61.31 4.64 -0.09
BARRETT_IC_7 23710	41.62 3.75 -2.48	38.83 3.54 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.28 2.67 -0.90	32.77 2.55 -1.23	30.40 2.74 0.00	32.80 3.12 0.00	36.61 3.51 0.00	44.09 4.51 0.00	53.74 4.63 -3.31	57.47 4.80 -3.21	60.06 4.98 -0.35	63.86 5.07 -2.42	76.45 5.51 -14.11	127.90 5.92 -57.62	194.32 8.00 -109.42	151.56 9.62 -47.61	113.36 10.16 -0.59	110.61 8.72 -9.11	95.46 7.05 -7.35	128.44 5.87 -51.04	125.23 4.93 -57.08	60.86 4.19 -0.09
BARRETT_IC_8 23711	41.66 3.79 -2.49	38.83 3.53 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.80 3.12 0.00	36.71 3.61 0.00	44.10 4.51 -0.01	53.70 4.58 -3.32	57.47 4.80 -3.21	60.01 4.93 -0.35	63.52 4.74 -2.42	76.23 5.29 -14.12	127.90 5.92 -57.63	194.32 8.00 -109.42	151.57 9.63 -47.61	113.46 10.26 -0.59	110.71 8.82 -9.11	95.46 7.05 -7.35	128.50 5.93 -51.04	124.91 4.61 -57.08	61.31 4.64 -0.09
BARRETT_IC_9 23700	41.66 3.79 -2.49	38.83 3.53 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.80 3.12 0.00	36.71 3.61 0.00	44.10 4.51 -0.01	53.70 4.58 -3.32	57.47 4.80 -3.21	60.01 4.93 -0.35	63.52 4.74 -2.42	66.43 5.29 -4.32	87.87 5.92 -17.59	118.31 8.00 -33.41	118.48 9.63 -14.53	113.44 10.26 -0.58	107.40 8.82 -5.80	95.39 7.05 -7.28	94.84 5.93 -17.37	124.91 4.61 -57.08	61.31 4.64 -0.09
BARRETT___1 23545	41.66 3.79 -2.49	38.83 3.53 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.80 3.12 0.00	36.71 3.61 0.00	44.10 4.51 -0.01	53.70 4.58 -3.32	57.47 4.80 -3.21	60.01 4.93 -0.35	63.52 4.74 -2.42	76.23 5.29 -14.12	127.90 5.92 -57.63	194.32 8.00 -109.42	151.57 9.63 -47.61	113.46 10.26 -0.59	110.71 8.82 -9.11	95.46 7.05 -7.35	128.50 5.93 -51.04	124.91 4.61 -57.08	61.31 4.64 -0.09
BARRETT___2 23546	41.66 3.79 -2.49	38.83 3.53 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.80 3.12 0.00	36.71 3.61 0.00	44.10 4.51 -0.01	53.70 4.58 -3.32	57.47 4.80 -3.21	60.01 4.93 -0.35	63.52 4.74 -2.42	66.43 5.29 -4.32	87.87 5.92 -17.59	118.31 8.00 -33.41	118.48 9.63 -14.53	113.44 10.26 -0.58	107.40 8.82 -5.80	95.39 7.05 -7.28	94.84 5.93 -17.37	124.91 4.61 -57.08	61.31 4.64 -0.09
BATAVIA___115KV_TB1 55881	35.35 -0.42 -0.38	33.62 -0.30 -0.25	32.13 -0.49 0.00	30.13 -0.49 0.00	29.13 -0.71 -0.14	28.47 -0.70 -0.18	27.13 -0.53 0.00	28.85 -0.83 0.00	32.30 -0.79 0.00	39.03 -0.55 0.00	44.97 -0.82 0.01	49.07 -0.40 0.00	53.61 -0.88 0.25	55.52 -0.85 0.00	56.14 -0.68 0.00	64.29 -0.06 0.00	77.21 0.31 0.00	95.74 1.41 0.00	104.66 2.05 0.00	95.01 2.23 0.00	83.57 2.51 0.00	73.61 2.07 0.00	65.94 2.72 0.00	59.08 2.49 0.00
BAYONEEC___CTG1 323682	41.12 3.25 -2.48	38.36 3.06 -1.62	35.39 2.77 0.00	33.19 2.57 0.00	33.19 2.58 -0.90	32.71 2.49 -1.23	30.23 2.57 0.00	32.53 2.85 0.00	36.41 3.31 0.00	43.62 4.04 0.00	50.06 4.26 0.00	54.02 4.55 0.00	59.45 4.65 -0.06	60.82 4.45 0.00	61.76 4.94 0.00	69.76 5.41 0.00	84.52 7.61 0.00	103.38 9.06 0.00	112.95 9.75 -0.59	105.42 8.25 -4.38	94.97 6.65 -7.26	79.34 5.22 -2.58	67.33 4.11 0.00	60.44 3.85 0.00
BAYONEEC___CTG10 323750	41.12 3.25 -2.48	38.36 3.06 -1.62	35.39 2.77 0.00	33.19 2.57 0.00	33.19 2.58 -0.90	32.71 2.49 -1.23	30.23 2.57 0.00	32.53 2.85 0.00	36.41 3.31 0.00	43.62 4.04 0.00	50.06 4.26 0.00	54.02 4.55 0.00	59.45 4.65 -0.06	60.82 4.45 0.00	61.76 4.94 0.00	69.76 5.41 0.00	84.52 7.61 0.00	103.38 9.06 0.00	112.95 9.75 -0.59	105.42 8.25 -4.38	94.97 6.65 -7.26	79.34 5.22 -2.58	67.33 4.11 0.00	60.44 3.85 0.00
BAYONEEC___CTG2 323683	41.12 3.25 -2.48	38.36 3.06 -1.62	35.39 2.77 0.00	33.19 2.57 0.00	33.19 2.58 -0.90	32.71 2.49 -1.23	30.23 2.57 0.00	32.53 2.85 0.00	36.41 3.31 0.00	43.62 4.04 0.00	50.06 4.26 0.00	54.02 4.55 0.00	59.45 4.65 -0.06	60.82 4.45 0.00	61.76 4.94 0.00	69.76 5.41 0.00	84.52 7.61 0.00	103.38 9.06 0.00	112.95 9.75 -0.59	105.42 8.25 -4.38	94.97 6.65 -7.26	79.34 5.22 -2.58	67.33 4.11 0.00	60.44 3.85 0.00
BAYONEEC___CTG3 323684	41.12 3.25 -2.48	38.36 3.06 -1.62	35.39 2.77 0.00	33.19 2.57 0.00	33.19 2.58 -0.90	32.71 2.49 -1.23	30.23 2.57 0.00	32.53 2.85 0.00	36.41 3.31 0.00	43.62 4.04 0.00	50.06 4.26 0.00	54.02 4.55 0.00	59.45 4.65 -0.06	60.82 4.45 0.00	61.76 4.94 0.00	69.76 5.41 0.00	84.52 7.61 0.00	103.38 9.06 0.00	112.95 9.75 -0.59	105.42 8.25 -4.38	94.97 6.65 -7.26	79.34 5.22 -2.58	67.33 4.11 0.00	60.44 3.85 0.00
BAYONEEC___CTG4 323685	41.12 3.25 -2.48	38.36 3.06 -1.62	35.39 2.77 0.00	33.19 2.57 0.00	33.19 2.58 -0.90	32.71 2.49 -1.23	30.23 2.57 0.00	32.53 2.85 0.00	36.41 3.31 0.00	43.62 4.04 0.00	50.06 4.26 0.00	54.02 4.55 0.00	59.45 4.65 -0.06	60.82 4.45 0.00	61.76 4.94 0.00	69.76 5.41 0.00	84.52 7.61 0.00	103.38 9.06 0.00	112.95 9.75 -0.59	105.42 8.25 -4.38	94.97 6.65 -7.26	79.34 5.22 -2.58	67.33 4.11 0.00	60.44 3.85 0.00
BAYONEEC___CTG5 323686	41.12 3.25 -2.48	38.36 3.06 -1.62	35.39 2.77 0.00	33.19 2.57 0.00	33.19 2.58 -0.90	32.71 2.49 -1.23	30.23 2.57 0.00	32.53 2.85 0.00	36.41 3.31 0.00	43.62 4.04 0.00	50.06 4.26 0.00	54.02 4.55 0.00	59.45 4.65 -0.06	60.82 4.45 0.00	61.76 4.94 0.00	69.76 5.41 0.00	84.52 7.61 0.00	103.38 9.06 0.00	112.95 9.75 -0.59	105.42 8.25 -4.38	94.97 6.65 -7.26	79.34 5.22 -2.58	67.33 4.11 0.00	60.44 3.85 0.00
BAYONEEC___CTG6 323687	41.12 3.25 -2.48	38.36 3.06 -1.62	35.39 2.77 0.00	33.19 2.57 0.00	33.19 2.58 -0.90	32.71 2.49 -1.23	30.23 2.57 0.00	32.53 2.85 0.00	36.41 3.31 0.00	43.62 4.04 0.00	50.06 4.26 0.00	54.02 4.55 0.00	59.45 4.65 -0.06	60.82 4.45 0.00	61.76 4.94 0.00	69.76 5.41 0.00	84.52 7.61 0.00	103.38 9.06 0.00	112.95 9.75 -0.59	105.42 8.25 -4.38	94.97 6.65 -7.26	79.34 5.22 -2.58	67.33 4.11 0.00	60.44 3.85 0.00
BAYONEEC___CTG7 323688	41.12 3.25 -2.48	38.36 3.06 -1.62	35.39 2.77 0.00	33.19 2.57 0.00	33.19 2.58 -0.90	32.71 2.49 -1.23	30.23 2.57 0.00	32.53 2.85 0.00	36.41 3.31 0.00	43.62 4.04 0.00	50.06 4.26 0.00	54.02 4.55 0.00	59.45 4.65 -0.06	60.82 4.45 0.00	61.76 4.94 0.00	69.76 5.41 0.00	84.52 7.61 0.00	103.38 9.06 0.00	112.95 9.75 -0.59	105.42 8.25 -4.38	94.97 6.65 -7.26	79.34 5.22 -2.58	67.33 4.11 0.00	60.44 3.85 0.00

BAYONEEC___CTG8 323689	41.12 3.25 -2.48	38.36 3.06 -1.62	35.39 2.77 0.00	33.19 2.57 0.00	33.19 2.58 -0.90	32.71 2.49 -1.23	30.23 2.57 0.00	32.53 2.85 0.00	36.41 3.31 0.00	43.62 4.04 0.00	50.06 4.26 0.00	54.02 4.55 0.00	59.45 4.65 -0.06	60.82 4.45 0.00	61.76 4.94 0.00	69.76 5.41 0.00	84.52 7.61 0.00	103.38 9.06 0.00	112.95 9.75 -0.59	105.42 8.25 -4.38	94.97 6.65 -7.26	79.34 5.22 -2.58	67.33 4.11 0.00	60.44 3.85 0.00
BAYONEEC___CTG9 323749	41.12 3.25 -2.48	38.36 3.06 -1.62	35.39 2.77 0.00	33.19 2.57 0.00	33.19 2.58 -0.90	32.71 2.49 -1.23	30.23 2.57 0.00	32.53 2.85 0.00	36.41 3.31 0.00	43.62 4.04 0.00	50.06 4.26 0.00	54.02 4.55 0.00	59.45 4.65 -0.06	60.82 4.45 0.00	61.76 4.94 0.00	69.76 5.41 0.00	84.52 7.61 0.00	103.38 9.06 0.00	112.95 9.75 -0.59	105.42 8.25 -4.38	94.97 6.65 -7.26	79.34 5.22 -2.58	67.33 4.11 0.00	60.44 3.85 0.00
BEACON___LESR 323632	43.08 1.91 -5.78	39.31 1.85 -3.79	34.34 1.73 0.00	32.24 1.62 0.00	32.34 1.60 -1.03	31.95 1.56 -1.40	29.07 1.41 0.00	31.14 1.45 0.00	34.75 1.65 0.00	41.56 1.98 0.00	47.72 1.92 0.00	51.40 1.93 0.00	56.70 1.97 0.00	58.29 1.92 0.00	59.10 2.28 0.00	66.93 2.58 0.00	80.67 3.77 0.00	98.95 4.62 0.00	110.44 4.93 -2.90	118.34 4.08 -21.49	120.05 3.40 -35.59	87.07 2.86 -12.67	65.44 2.21 0.00	58.40 1.81 0.00
BEAVER RIVER___HYD 24048	36.03 0.64 0.00	34.21 0.54 0.00	33.14 0.52 0.00	31.10 0.49 0.00	30.25 0.50 -0.04	29.47 0.44 -0.05	27.88 0.22 0.00	29.89 0.21 0.00	33.30 0.20 0.00	39.70 0.12 0.00	45.94 0.14 0.00	49.72 0.25 0.00	55.22 0.49 0.00	56.77 0.40 0.00	57.16 0.34 0.00	65.00 0.64 0.00	78.06 1.16 0.00	96.31 1.98 0.00	105.79 3.18 0.00	96.40 3.61 0.00	84.71 3.65 0.00	74.90 3.36 0.00	65.69 2.46 0.00	58.40 1.81 0.00
BEEBEE_GT_13 23619	35.39 -0.32 -0.32	33.68 -0.20 -0.21	32.32 -0.29 0.00	30.31 -0.31 0.00	29.47 -0.36 -0.12	28.77 -0.38 -0.16	27.35 -0.30 0.00	29.24 -0.45 0.00	32.74 -0.36 0.00	39.54 -0.04 0.00	45.34 -0.46 0.00	49.37 -0.10 0.00	54.73 0.00 0.00	56.54 0.17 0.00	57.05 0.23 0.00	65.00 0.64 0.00	78.05 1.15 0.00	96.21 1.89 0.00	104.76 2.15 0.00	94.91 2.13 0.00	83.25 2.19 0.00	73.40 1.86 0.00	65.25 2.02 0.00	58.34 1.75 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.66 3.79 -2.49	38.87 3.57 -1.63	35.92 3.29 -0.01	33.68 3.06 -0.01	33.56 2.94 -0.91	33.12 2.90 -1.24	30.68 3.01 -0.01	32.99 3.29 -0.01	36.81 3.71 -0.01	44.26 4.67 -0.01	50.89 5.08 -0.01	54.82 5.34 -0.01	60.37 5.58 -0.06	62.01 5.64 -0.01	62.79 5.97 -0.01	70.35 5.99 -0.01	105.34 8.38 -20.06	148.41 10.00 -44.09	113.98 10.77 -0.60	106.36 9.19 -4.39	99.73 7.46 -11.21	80.06 5.94 -2.59	67.91 4.68 -0.01	60.73 4.13 -0.01
BETHLEHEM___GRP 23843	42.54 1.45 -5.70	38.83 1.41 -3.74	33.95 1.34 0.00	31.90 1.29 0.00	31.99 1.25 -1.03	31.60 1.22 -1.40	28.71 1.05 0.00	30.75 1.07 0.00	34.22 1.13 0.00	40.97 1.39 0.00	46.99 1.19 0.00	50.56 1.09 0.00	55.77 1.04 0.00	57.50 1.13 0.00	58.18 1.36 0.00	65.77 1.42 0.00	79.13 2.23 0.00	96.97 2.64 0.00	108.22 2.77 -2.84	115.97 2.13 -21.06	117.64 1.70 -34.88	85.38 1.43 -12.41	64.11 0.89 0.00	57.10 0.51 0.00
BETHLEHEM___GS1 323560	42.54 1.45 -5.70	38.83 1.41 -3.74	33.96 1.34 0.00	31.90 1.29 0.00	32.01 1.28 -1.03	31.63 1.25 -1.40	28.71 1.05 0.00	30.75 1.07 0.00	34.26 1.16 0.00	40.97 1.38 0.00	46.99 1.19 0.00	50.55 1.09 0.00	55.77 1.04 0.00	57.33 0.96 0.00	58.07 1.25 0.00	65.77 1.41 0.00	79.13 2.23 0.00	96.97 2.64 0.00	108.22 2.77 -2.84	115.97 2.14 -21.06	117.64 1.70 -34.88	85.38 1.43 -12.41	64.23 1.01 0.00	57.38 0.79 0.00
BETHLEHEM___GS2 323561	42.54 1.45 -5.70	38.83 1.41 -3.74	33.96 1.34 0.00	31.90 1.29 0.00	32.01 1.28 -1.03	31.63 1.25 -1.40	28.71 1.05 0.00	30.75 1.07 0.00	34.26 1.16 0.00	40.97 1.38 0.00	46.99 1.19 0.00	50.55 1.09 0.00	55.77 1.04 0.00	57.33 0.96 0.00	58.07 1.25 0.00	65.77 1.41 0.00	79.13 2.23 0.00	96.97 2.64 0.00	108.22 2.77 -2.84	115.97 2.14 -21.06	117.64 1.70 -34.88	85.38 1.43 -12.41	64.23 1.01 0.00	57.38 0.79 0.00
BETHLEHEM___GS3 323562	42.54 1.45 -5.70	38.83 1.41 -3.74	33.96 1.34 0.00	31.90 1.29 0.00	32.01 1.28 -1.03	31.63 1.25 -1.40	28.71 1.05 0.00	30.75 1.07 0.00	34.26 1.16 0.00	40.97 1.38 0.00	46.99 1.19 0.00	50.55 1.09 0.00	55.77 1.04 0.00	57.33 0.96 0.00	58.07 1.25 0.00	65.77 1.41 0.00	79.13 2.23 0.00	96.97 2.64 0.00	108.22 2.77 -2.84	115.97 2.14 -21.06	117.64 1.70 -34.88	85.38 1.43 -12.41	64.23 1.01 0.00	57.38 0.79 0.00
BETHLEHEM___STEEL 23779	34.56 -1.27 -0.45	32.86 -1.11 -0.29	31.31 -1.30 0.00	29.36 -1.26 0.00	28.17 -1.69 -0.16	27.66 -1.54 -0.21	26.52 -1.13 0.00	28.20 -1.48 0.00	31.58 -1.52 0.00	38.08 -1.50 0.00	43.50 -2.29 0.01	47.44 -2.03 0.00	51.86 -2.46 0.41	54.17 -2.20 0.00	54.77 -2.05 0.00	62.81 -1.54 0.00	75.21 -1.69 0.00	93.10 -1.23 0.00	101.48 -1.13 0.00	92.13 -0.65 0.00	80.98 -0.08 0.00	71.39 -0.14 0.00	64.30 1.07 0.00	57.66 1.08 0.00
BETHLHEM_115KV_TB1 79974	42.37 1.45 -5.53	38.71 1.41 -3.62	33.99 1.37 0.00	31.90 1.29 0.00	31.98 1.25 -1.03	31.60 1.22 -1.40	28.74 1.08 0.00	30.78 1.10 0.00	34.26 1.16 0.00	41.01 1.42 0.00	47.08 1.28 0.00	50.66 1.19 0.00	55.94 1.20 0.00	57.61 1.24 0.00	58.35 1.53 0.00	65.90 1.54 0.00	79.28 2.38 0.00	97.16 2.83 0.00	108.30 2.98 -2.71	115.28 2.41 -20.09	116.19 1.86 -33.27	84.95 1.57 -11.84	64.30 1.07 0.00	57.27 0.68 0.00
BETHPAGE_CC_5 323564	41.91 4.03 -2.49	39.03 3.74 -1.62	35.82 3.20 0.00	33.52 2.91 0.00	33.52 2.91 -0.90	32.94 2.72 -1.23	30.53 2.88 0.00	33.01 3.32 0.00	36.94 3.84 0.00	44.34 4.75 -0.01	54.01 4.90 -3.31	57.69 5.10 -3.12	60.09 5.31 -0.05	61.67 5.02 -0.28	63.78 5.51 -1.45	76.29 6.05 -5.88	96.40 8.31 -11.19	109.30 10.10 -4.87	113.87 10.67 -0.59	106.83 9.19 -4.86	95.08 7.21 -6.81	85.06 6.01 -7.52	74.09 4.49 -6.37	61.29 4.69 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.53 -1.31 -0.46	32.86 -1.11 -0.30	31.28 -1.34 0.00	29.33 -1.29 0.00	28.09 -1.78 -0.16	27.58 -1.62 -0.22	26.52 -1.13 0.00	28.17 -1.51 0.00	31.58 -1.52 0.00	38.04 -1.54 0.00	43.50 -2.29 0.01	47.44 -2.03 0.00	51.89 -2.46 0.38	54.17 -2.20 0.00	54.83 -1.99 0.00	62.94 -1.42 0.00	75.36 -1.54 0.00	93.29 -1.04 0.00	101.69 -0.92 0.00	92.22 -0.56 0.00	81.06 0.00 0.00	71.54 0.00 0.00	64.36 1.14 0.00	57.72 1.13 0.00
BINGHAMTON___COGEN 23790	36.74 0.42 -0.93	34.75 0.47 -0.61	33.01 0.39 0.00	30.98 0.37 0.00	30.22 0.21 -0.30	29.63 0.23 -0.41	28.07 0.41 0.00	30.07 0.39 0.00	33.60 0.50 0.00	40.29 0.71 0.00	46.26 0.46 0.00	50.11 0.64 0.00	55.39 0.66 0.00	57.21 0.85 0.00	57.84 1.02 0.00	65.58 1.22 0.00	78.90 2.00 0.00	96.97 2.64 0.00	105.74 2.87 -0.26	97.48 2.78 -1.91	86.74 2.51 -3.17	74.67 2.00 -1.13	64.93 1.71 0.00	57.89 1.30 0.00

BIXINCNT_115KV_LOAD 355685	33.54 -2.34 -0.48	31.80 -2.19 -0.32	30.24 -2.38 0.00	28.32 -2.30 0.00	27.00 -2.88 -0.17	26.58 -2.64 -0.23	25.61 -2.05 0.00	27.22 -2.46 0.00	30.48 -2.61 0.00	36.77 -2.81 0.00	42.04 -3.76 0.01	45.86 -3.61 0.00	50.27 -4.21 0.25	52.65 -3.72 0.00	53.58 -3.24 0.00	61.59 -2.77 0.00	73.98 -2.92 0.00	91.78 -2.55 0.00	100.48 -2.26 -0.13	91.99 -1.76 -0.97	81.61 -1.05 -1.60	71.18 -0.93 -0.57	63.48 0.25 0.00	57.04 0.45 0.00
BLACK RIVER___HYD 24047	36.66 1.27 0.00	34.78 1.11 0.00	33.69 1.07 0.00	31.66 1.04 0.00	30.83 1.07 -0.05	30.04 0.99 -0.07	28.35 0.69 0.00	30.39 0.71 0.00	33.80 0.70 0.00	40.33 0.75 0.00	46.62 0.83 0.00	50.55 1.09 0.00	56.15 1.42 0.00	57.72 1.35 0.00	58.07 1.25 0.00	66.15 1.80 0.00	79.82 2.92 0.00	98.76 4.43 0.00	108.77 6.16 0.00	99.37 6.59 0.00	87.46 6.40 0.00	77.04 5.51 0.00	67.40 4.17 0.00	59.81 3.22 0.00
BLACKRVR_115KV_TB2 79977	36.66 1.27 0.00	34.78 1.11 0.00	33.69 1.08 0.00	31.66 1.04 0.00	30.86 1.10 -0.05	30.04 0.99 -0.07	28.35 0.69 0.00	30.40 0.71 0.00	33.79 0.70 0.00	40.33 0.75 0.00	46.58 0.78 0.00	50.56 1.09 0.00	56.16 1.42 0.00	57.78 1.41 0.00	58.13 1.31 0.00	66.16 1.80 0.00	79.82 2.92 0.00	98.76 4.43 0.00	108.77 6.16 0.00	99.37 6.59 0.00	87.46 6.40 0.00	77.04 5.51 0.00	67.46 4.24 0.00	59.87 3.28 0.00
BLDWN_LI_69_KV_BK4 356085	41.94 4.07 -2.48	39.10 3.80 -1.62	35.88 3.26 0.00	33.58 2.97 0.00	33.49 2.88 -0.90	32.94 2.72 -1.23	30.56 2.90 0.00	33.01 3.32 0.00	36.84 3.74 0.00	44.41 4.83 0.00	54.24 5.13 -3.31	58.00 5.39 -3.14	60.61 5.75 -0.13	62.96 5.75 -0.84	67.61 6.19 -4.60	89.80 6.69 -18.75	121.45 8.92 -35.63	120.59 10.75 -15.51	114.69 11.49 -0.59	108.62 9.93 -5.92	96.20 7.86 -7.28	96.90 7.01 -18.35	88.65 5.69 -19.73	61.42 4.81 -0.02
BLISS_WT_PWR 323608	33.18 -2.69 -0.48	31.43 -2.56 -0.32	29.88 -2.74 0.00	27.98 -2.63 0.00	27.08 -2.79 -0.17	26.72 -2.49 -0.23	25.33 -2.32 0.00	26.89 -2.79 0.00	30.12 -2.98 0.00	36.34 -3.24 0.00	41.62 -4.17 0.01	45.41 -4.06 0.00	49.72 -4.76 0.25	51.75 -4.62 0.00	53.07 -3.75 0.00	61.20 -3.15 0.00	73.52 -3.38 0.00	91.31 -3.02 0.00	100.18 -2.56 -0.13	91.52 -2.23 -0.97	81.21 -1.46 -1.60	70.74 -1.36 -0.57	62.78 -0.44 0.00	56.99 0.40 0.00
BLUESTONE___WT_PWR 323821	39.73 2.16 -2.18	37.02 1.92 -1.43	34.31 1.70 0.00	32.18 1.56 0.00	32.22 1.72 -0.79	31.77 1.71 -1.07	29.32 1.66 0.00	31.64 1.96 0.00	35.61 2.51 0.00	42.83 3.25 0.00	49.28 3.48 0.00	53.28 3.81 0.00	58.95 4.21 0.00	60.37 4.00 0.00	61.08 4.26 0.00	69.51 5.15 0.00	84.44 7.54 0.00	103.76 9.43 0.00	113.71 10.57 -0.53	105.88 9.19 -3.91	95.32 7.78 -6.48	79.99 6.15 -2.31	67.97 4.74 0.00	60.61 4.02 0.00
BLUE_CIRC_CHEM_DRP 24182	41.75 1.59 -4.77	38.38 1.58 -3.13	34.15 1.53 0.00	32.05 1.44 0.00	32.09 1.37 -1.02	31.70 1.33 -1.39	28.90 1.24 0.00	30.93 1.25 0.00	34.39 1.29 0.00	41.12 1.54 0.00	47.26 1.47 0.00	50.90 1.43 0.00	56.21 1.48 0.00	57.89 1.52 0.00	58.58 1.76 0.00	66.29 1.93 0.00	79.67 2.77 0.00	97.72 3.40 0.00	108.46 3.69 -2.16	112.02 3.25 -15.99	110.30 2.76 -26.48	83.32 2.36 -9.43	65.12 1.90 0.00	58.06 1.47 0.00
BOC_GAS_DRP 24189	41.32 1.38 -4.55	38.04 1.38 -2.98	33.92 1.30 0.00	31.84 1.22 0.00	31.92 1.19 -1.02	31.54 1.16 -1.39	28.76 1.11 0.00	30.84 1.16 0.00	34.36 1.26 0.00	41.12 1.54 0.00	47.26 1.47 0.00	50.95 1.48 0.00	56.26 1.53 0.00	57.95 1.58 0.00	58.64 1.82 0.00	66.29 1.93 0.00	79.67 2.77 0.00	97.53 3.21 0.00	107.98 3.39 -1.98	110.25 2.78 -14.69	107.66 2.27 -24.33	82.13 1.93 -8.66	64.68 1.45 0.00	57.61 1.02 0.00
BOONVILLE_115KV_TB1 79983	36.27 0.88 0.00	34.45 0.77 0.00	33.37 0.75 0.00	31.35 0.73 0.00	30.49 0.74 -0.03	29.75 0.72 -0.04	28.24 0.58 0.00	30.31 0.62 0.00	33.79 0.70 0.00	40.41 0.83 0.00	46.67 0.87 0.00	50.51 1.04 0.00	56.05 1.31 0.00	57.67 1.30 0.00	58.13 1.31 0.00	66.09 1.74 0.00	79.52 2.61 0.00	98.01 3.68 0.00	107.02 4.41 0.00	97.14 4.36 0.00	85.11 4.05 0.00	74.90 3.36 0.00	65.82 2.59 0.00	58.57 1.98 0.00
BORALEX_4TH_BRANCH 23824	44.98 2.62 -6.97	40.77 2.53 -4.57	35.10 2.48 0.00	32.88 2.27 0.00	32.93 2.20 -1.03	32.56 2.17 -1.40	29.81 2.16 0.00	31.97 2.29 0.00	35.68 2.58 0.00	42.75 3.17 0.00	48.91 3.11 0.00	52.58 3.12 0.00	58.07 3.34 0.00	59.81 3.44 0.00	60.63 3.81 0.00	68.41 4.05 0.00	82.59 5.69 0.00	101.12 6.79 0.00	113.48 7.08 -3.80	126.92 6.03 -28.11	132.39 4.78 -46.55	92.47 4.36 -16.57	66.57 3.35 0.00	59.19 2.60 0.00
BOWLINE___1 23526	40.62 2.79 -2.44	37.96 2.69 -1.60	35.06 2.45 0.00	32.85 2.23 0.00	32.85 2.26 -0.89	32.40 2.20 -1.21	29.87 2.21 0.00	32.12 2.43 0.00	35.95 2.85 0.00	42.94 3.36 0.00	49.24 3.44 0.00	53.13 3.66 0.00	58.51 3.77 0.00	60.09 3.72 0.00	60.97 4.15 0.00	69.05 4.70 0.00	83.52 6.61 0.00	102.34 8.01 0.00	111.70 8.51 -0.58	104.22 7.14 -4.30	93.85 5.67 -7.12	78.58 4.51 -2.53	66.76 3.54 0.00	59.75 3.17 0.00
BOWLINE___2 23595	40.62 2.79 -2.44	37.96 2.69 -1.60	35.06 2.45 0.00	32.85 2.23 0.00	32.85 2.26 -0.89	32.37 2.18 -1.21	29.87 2.21 0.00	32.12 2.43 0.00	35.95 2.85 0.00	42.91 3.33 0.00	49.14 3.34 0.00	53.03 3.56 0.00	58.46 3.72 0.00	59.98 3.61 0.00	60.91 4.09 0.00	68.92 4.57 0.00	83.43 6.53 0.00	102.15 7.82 0.00	111.50 8.31 -0.58	104.04 6.96 -4.30	93.69 5.51 -7.12	78.43 4.36 -2.53	66.64 3.41 0.00	59.64 3.05 0.00
BRADY___115KV_TB2 356060	35.28 -0.11 0.00	33.50 -0.17 0.00	32.36 -0.26 0.00	30.37 -0.24 0.00	29.47 -0.24 0.00	28.64 -0.35 0.00	27.10 -0.55 0.00	29.12 -0.56 0.00	32.40 -0.70 0.00	38.63 -0.95 0.00	45.07 -0.73 0.00	48.63 -0.84 0.00	53.97 -0.77 0.00	55.52 -0.85 0.00	55.80 -1.02 0.00	63.39 -0.97 0.00	74.13 -2.77 0.00	90.74 -3.58 0.00	99.22 -3.39 0.00	90.46 -2.32 0.00	79.68 -1.38 0.00	71.61 0.07 0.00	63.35 0.13 0.00	56.87 0.28 0.00
BRANSCOMB___SOLAR 323811	46.38 2.27 -8.73	41.55 2.16 -5.72	34.67 2.06 0.00	32.48 1.87 0.00	32.63 1.87 -1.05	32.27 1.86 -1.43	29.43 1.77 0.00	31.52 1.84 0.00	35.28 2.18 0.00	42.08 2.50 0.00	48.27 2.47 0.00	52.09 2.62 0.00	57.47 2.74 0.00	59.02 2.65 0.00	59.77 2.95 0.00	67.83 3.47 0.00	82.13 5.23 0.00	100.93 6.60 0.00	115.29 7.59 -5.09	137.13 6.68 -37.66	149.28 5.84 -62.38	98.82 5.08 -22.20	67.21 3.99 0.00	59.87 3.28 0.00
BRDGHMPT_69_KV_BK1 55812	42.50 4.64 -2.48	39.44 4.14 -1.62	36.04 3.42 0.00	33.74 3.12 0.00	33.64 3.03 -0.90	33.00 2.78 -1.23	30.73 3.07 0.00	33.30 3.62 0.00	37.27 4.17 0.00	45.20 5.62 0.00	55.34 6.23 -3.31	59.41 6.83 -3.12	62.53 7.77 -0.02	64.48 8.00 -0.11	65.71 8.35 -0.54	75.53 9.07 -2.10	93.45 12.53 -4.02	136.06 15.38 -26.36	134.94 16.01 -16.32	111.26 13.92 -4.56	98.26 10.78 -6.42	84.86 9.01 -4.31	72.31 7.27 -1.81	63.38 6.79 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	42.18 4.32 -2.48	39.27 3.97 -1.62	35.98 3.36 0.00	33.68 3.06 0.00	33.61 3.00 -0.90	33.03 2.81 -1.23	30.73 3.07 0.00	33.19 3.50 0.00	37.00 3.91 0.00	44.57 4.99 0.00	54.56 5.45 -3.31	58.27 5.69 -3.12	60.83 6.08 -0.02	62.63 6.14 -0.12	63.69 6.25 -0.62	73.50 6.63 -2.51	90.55 8.92 -4.73	106.58 10.19 -2.06	113.97 10.77 -0.59	106.64 9.28 -4.58	93.85 7.13 -5.66	82.60 6.37 -4.70	71.19 5.31 -2.66	61.48 4.87 -0.03
BRISTLHL_115KV_TB1 79998	34.89 -0.50 0.00	33.20 -0.47 0.00	32.29 -0.33 0.00	30.28 -0.34 0.00	29.43 -0.36 -0.08	28.77 -0.32 -0.10	27.41 -0.25 0.00	29.42 -0.27 0.00	32.80 -0.30 0.00	39.22 -0.36 0.00	45.25 -0.55 0.00	49.02 -0.45 0.00	54.29 -0.44 0.00	55.97 -0.39 0.00	56.42 -0.40 0.00	63.84 -0.51 0.00	76.75 -0.15 0.00	94.33 0.00 0.00	102.61 0.00 0.00	92.97 0.19 0.00	81.22 0.16 0.00	71.46 -0.07 0.00	63.03 -0.19 0.00	56.30 -0.28 0.00
BROOKHAVEN___DRP 24191	41.76 3.89 -2.48	38.83 3.54 -1.62	35.55 2.94 0.00	33.31 2.69 0.00	33.23 2.61 -0.90	32.65 2.43 -1.23	30.37 2.71 0.00	32.83 3.15 0.00	36.57 3.48 0.00	44.09 4.51 0.00	54.06 4.95 -3.31	57.73 5.14 -3.12	60.39 5.64 -0.02	62.17 5.69 -0.11	63.15 5.80 -0.53	72.56 6.11 -2.09	89.51 8.61 -4.00	130.03 10.47 -25.23	129.30 11.08 -15.61	106.90 9.56 -4.56	94.95 7.46 -6.43	81.92 6.08 -4.30	69.77 4.74 -1.81	61.00 4.41 0.00
BROOKLYN_NAVY_YARD 23515	41.12 3.25 -2.48	38.36 3.06 -1.62	35.42 2.81 0.00	33.22 2.60 0.00	33.19 2.58 -0.90	32.73 2.52 -1.23	30.26 2.60 0.00	32.56 2.88 0.00	36.44 3.34 0.00	43.66 4.08 0.00	50.06 4.26 0.00	54.02 4.55 0.00	59.44 4.71 0.00	60.88 4.51 0.00	61.82 5.00 0.00	69.82 5.47 0.00	84.66 7.76 0.00	103.58 9.25 0.00	113.15 9.95 -0.59	105.69 8.53 -4.38	95.13 6.81 -7.26	79.49 5.37 -2.58	67.58 4.36 0.00	60.55 3.96 0.00
BROOKLYN___ARMY_DRP 323595	41.48 3.61 -2.49	38.74 3.43 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.44 2.82 -0.91	32.98 2.75 -1.24	30.57 2.90 -0.01	32.87 3.18 -0.01	36.65 3.54 -0.01	44.02 4.43 -0.01	50.62 4.81 -0.01	54.47 5.00 -0.01	59.99 5.20 -0.06	61.68 5.30 -0.01	62.40 5.57 -0.01	69.90 5.53 -0.01	104.72 7.77 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.40 4.17 -0.01	60.33 3.73 -0.01
BROOME_2_LFGE 323671	36.75 0.43 -0.93	34.75 0.47 -0.61	33.01 0.39 0.00	30.98 0.37 0.00	30.31 0.30 -0.30	29.72 0.32 -0.41	28.07 0.42 0.00	30.07 0.38 0.00	33.60 0.50 0.00	40.29 0.71 0.00	46.21 0.41 0.00	50.11 0.64 0.00	55.39 0.66 0.00	56.99 0.62 0.00	57.73 0.91 0.00	65.57 1.22 0.00	78.90 2.00 0.00	96.97 2.64 0.00	105.84 2.98 -0.26	97.47 2.78 -1.91	86.74 2.52 -3.17	74.66 2.00 -1.13	64.81 1.58 0.00	58.06 1.47 0.00
BROOME___LFGE 323600	36.75 0.43 -0.93	34.75 0.47 -0.61	33.01 0.39 0.00	30.98 0.37 0.00	30.31 0.30 -0.30	29.72 0.32 -0.41	28.07 0.42 0.00	30.07 0.38 0.00	33.60 0.50 0.00	40.29 0.71 0.00	46.21 0.41 0.00	50.11 0.64 0.00	55.39 0.66 0.00	56.99 0.62 0.00	57.73 0.91 0.00	65.57 1.22 0.00	78.90 2.00 0.00	96.97 2.64 0.00	105.84 2.98 -0.26	97.47 2.78 -1.91	86.74 2.52 -3.17	74.66 2.00 -1.13	64.81 1.58 0.00	58.06 1.47 0.00
BROWNFLS_115KV_TB 3_5 80003	35.60 0.21 0.00	33.77 0.10 0.00	32.68 0.07 0.00	30.68 0.06 0.00	29.80 0.06 -0.03	28.96 -0.06 -0.04	27.38 -0.28 0.00	29.42 -0.27 0.00	32.77 -0.33 0.00	39.07 -0.51 0.00	45.34 -0.46 0.00	49.02 -0.45 0.00	54.46 -0.27 0.00	55.97 -0.39 0.00	56.31 -0.51 0.00	64.10 -0.26 0.00	76.05 -0.85 0.00	93.48 -0.85 0.00	102.40 -0.21 0.00	93.34 0.56 0.00	82.03 0.97 0.00	73.11 1.57 0.00	64.36 1.14 0.00	57.44 0.85 0.00
BROWNSV1_27_KV_LOAD 356125	41.48 3.61 -2.48	38.70 3.40 -1.62	35.72 3.10 0.00	33.49 2.88 0.00	33.40 2.79 -0.90	32.94 2.72 -1.23	30.51 2.85 0.00	32.83 3.15 0.00	36.64 3.54 0.00	44.01 4.43 0.00	50.65 4.85 0.00	54.61 5.14 0.00	60.21 5.47 0.00	61.95 5.58 0.00	62.79 5.97 0.00	70.73 6.37 0.00	85.74 8.84 0.00	104.89 10.56 0.00	114.59 11.39 -0.59	106.91 9.74 -4.38	96.26 7.94 -7.26	80.41 6.30 -2.58	68.16 4.93 0.00	60.72 4.13 0.00
BURROWS___LYONSDAL 23803	36.17 0.78 0.00	34.35 0.67 0.00	33.27 0.65 0.00	31.26 0.64 0.00	30.40 0.65 -0.03	29.64 0.61 -0.05	28.13 0.47 0.00	30.19 0.50 0.00	33.66 0.56 0.00	40.17 0.59 0.00	46.44 0.64 0.00	50.26 0.79 0.00	55.77 1.04 0.00	57.38 1.01 0.00	57.84 1.02 0.00	65.77 1.42 0.00	79.13 2.23 0.00	97.53 3.21 0.00	106.71 4.10 0.00	96.86 4.08 0.00	84.95 3.89 0.00	74.83 3.29 0.00	65.69 2.47 0.00	58.45 1.87 0.00
CAITHNESS_CC_1 323624	41.77 3.89 -2.49	38.83 3.53 -1.62	35.55 2.94 0.00	33.34 2.72 0.00	33.31 2.70 -0.90	32.71 2.49 -1.23	30.37 2.71 0.00	32.86 3.18 0.00	36.71 3.61 0.00	44.10 4.51 -0.01	53.78 4.67 -3.31	57.63 5.05 -3.12	60.23 5.47 -0.02	61.55 5.08 -0.11	62.81 5.46 -0.53	72.35 5.92 -2.08	89.19 8.31 -3.98	128.68 10.10 -24.25	128.27 10.67 -14.99	106.53 9.19 -4.56	94.72 7.21 -6.45	81.70 5.87 -4.29	69.27 4.24 -1.81	61.51 4.92 0.00
CALPINE BETH_PAGE_GT4 24209	41.90 4.03 -2.48	39.03 3.74 -1.62	35.85 3.23 0.00	33.55 2.94 0.00	33.46 2.85 -0.90	32.91 2.70 -1.23	30.56 2.90 0.00	32.98 3.29 0.00	36.81 3.71 0.00	44.29 4.71 0.00	53.97 4.85 -3.31	57.64 5.05 -3.13	60.15 5.36 -0.06	62.14 5.41 -0.36	64.41 5.74 -1.85	77.91 6.05 -7.51	99.56 8.38 -14.28	110.73 10.19 -6.22	113.97 10.77 -0.59	107.05 9.28 -4.99	95.54 7.21 -7.26	86.52 6.08 -8.90	76.48 4.87 -8.39	60.73 4.13 -0.01
CALPINE_BETH_PAGE_GT_4 323586	41.91 4.03 -2.49	39.03 3.74 -1.62	35.82 3.20 0.00	33.55 2.94 0.00	33.52 2.91 -0.90	32.94 2.72 -1.23	30.53 2.88 0.00	32.98 3.29 0.00	36.94 3.84 0.00	44.30 4.71 -0.01	53.92 4.81 -3.31	57.64 5.05 -3.13	60.05 5.25 -0.06	61.74 5.02 -0.36	64.18 5.51 -1.85	77.91 6.05 -7.51	99.56 8.38 -14.28	110.73 10.19 -6.22	113.97 10.77 -0.59	107.05 9.28 -4.99	95.53 7.21 -7.26	86.51 6.08 -8.90	76.17 4.55 -8.39	61.29 4.69 -0.01
CALPINE_BP_GT1 23823	41.91 4.03 -2.49	39.03 3.74 -1.62	35.82 3.20 0.00	33.55 2.94 0.00	33.52 2.91 -0.90	32.94 2.72 -1.23	30.53 2.88 0.00	32.98 3.29 0.00	36.94 3.84 0.00	44.30 4.71 -0.01	53.92 4.81 -3.31	57.64 5.05 -3.13	60.05 5.25 -0.06	61.74 5.02 -0.36	64.18 5.51 -1.85	77.91 6.05 -7.51	99.56 8.38 -14.28	110.73 10.19 -6.22	113.97 10.77 -0.59	107.05 9.28 -4.99	95.53 7.21 -7.26	86.51 6.08 -8.90	76.17 4.55 -8.39	61.29 4.69 -0.01
CALSPAN___DRP 24200	34.56 -1.27 -0.45	32.86 -1.11 -0.29	31.31 -1.30 0.00	29.36 -1.26 0.00	28.17 -1.69 -0.16	27.66 -1.54 -0.21	26.52 -1.13 0.00	28.20 -1.48 0.00	31.58 -1.52 0.00	38.08 -1.50 0.00	43.50 -2.29 0.01	47.44 -2.03 0.00	51.86 -2.46 0.41	54.17 -2.20 0.00	54.77 -2.05 0.00	62.81 -1.54 0.00	75.21 -1.69 0.00	93.10 -1.23 0.00	101.48 -1.13 0.00	92.13 -0.65 0.00	80.98 -0.08 0.00	71.39 -0.14 0.00	64.30 1.07 0.00	57.66 1.08 0.00

CALVERTON___SOLAR 323806	41.84 3.96 -2.49	38.86 3.57 -1.62	35.59 2.97 0.00	33.34 2.72 0.00	33.31 2.70 -0.90	32.71 2.49 -1.23	30.37 2.71 0.00	32.86 3.18 0.00	36.74 3.64 0.00	44.18 4.59 -0.01	53.87 4.76 -3.31	57.82 5.24 -3.12	60.50 5.75 -0.02	61.89 5.41 -0.11	63.15 5.80 -0.53	72.82 6.37 -2.09	89.90 8.99 -4.00	130.86 10.94 -25.59	130.04 11.59 -15.84	107.45 10.11 -4.56	95.35 7.86 -6.43	82.28 6.44 -4.30	69.71 4.68 -1.81	61.85 5.26 0.00
CANDIGU_WT_PWR 323617	35.05 -0.95 -0.61	33.27 -0.81 -0.40	31.67 -0.95 0.00	29.73 -0.89 0.00	28.88 -1.04 -0.21	28.37 -0.90 -0.28	26.97 -0.69 0.00	28.67 -1.01 0.00	31.97 -1.13 0.00	38.39 -1.19 0.00	43.79 -1.92 0.08	47.74 -1.73 0.00	49.92 -2.19 2.62	54.17 -2.20 0.00	55.12 -1.70 0.00	62.94 -1.42 0.00	75.75 -1.15 0.00	93.57 -0.76 0.00	102.57 -0.20 -0.16	94.56 0.56 -1.22	84.13 1.05 -2.02	73.12 0.86 -0.72	64.04 0.82 0.00	57.66 1.07 0.00
CARR STREET_E_SYR 24060	35.25 -0.14 0.00	33.57 -0.10 0.00	32.62 0.00 0.00	30.58 -0.03 0.00	29.71 -0.09 -0.09	29.05 -0.06 -0.12	27.71 0.06 0.00	29.71 0.03 0.00	33.13 0.03 0.00	39.70 0.12 0.00	45.80 0.00 0.00	49.62 0.15 0.00	54.95 0.22 0.00	56.60 0.23 0.00	57.16 0.34 0.00	64.81 0.45 0.00	77.90 1.00 0.00	95.74 1.42 0.00	104.15 1.54 0.00	94.17 1.39 0.00	82.35 1.29 0.00	72.46 0.93 0.00	63.79 0.57 0.00	57.04 0.45 0.00
CARTHAGE___PAPER 23857	36.27 0.89 0.00	34.41 0.74 0.00	33.33 0.72 0.00	31.29 0.67 0.00	30.47 0.71 -0.05	29.68 0.64 -0.06	28.02 0.36 0.00	30.04 0.36 0.00	33.43 0.33 0.00	39.82 0.24 0.00	46.07 0.28 0.00	49.86 0.39 0.00	55.44 0.71 0.00	56.99 0.62 0.00	57.39 0.57 0.00	65.26 0.90 0.00	78.52 1.62 0.00	97.07 2.74 0.00	106.82 4.21 0.00	97.51 4.73 0.00	85.84 4.78 0.00	75.75 4.22 0.00	66.38 3.16 0.00	58.96 2.38 0.00
CASSADAGA_WT_PWR 323784	33.70 -2.16 -0.48	32.03 -1.95 -0.31	30.46 -2.15 0.00	28.53 -2.08 0.00	27.59 -2.29 -0.17	27.18 -2.03 -0.23	25.92 -1.74 0.00	27.58 -2.11 0.00	31.01 -2.08 0.00	37.36 -2.22 0.00	42.54 -3.25 0.01	46.35 -3.11 0.00	50.98 -3.50 0.25	52.87 -3.49 0.00	53.92 -2.90 0.00	62.23 -2.12 0.00	74.98 -1.92 0.00	93.29 -1.04 0.00	102.43 -0.31 -0.13	93.83 0.09 -0.95	83.36 0.73 -1.58	72.67 0.57 -0.56	64.04 0.82 0.00	58.00 1.42 0.00
CE_DUNWOOD___DRP 24194	40.91 3.04 -2.48	38.16 2.86 -1.62	35.23 2.61 0.00	33.03 2.42 0.00	32.96 2.35 -0.90	32.53 2.32 -1.23	30.06 2.41 0.00	32.33 2.41 0.00	36.08 2.98 0.00	43.26 3.68 0.00	49.74 3.94 0.00	53.57 4.11 0.00	59.11 4.38 0.00	60.88 4.51 0.00	61.71 4.89 0.00	69.50 5.15 0.00	84.13 7.23 0.00	103.10 8.77 0.00	112.54 9.34 -0.59	105.05 7.89 -4.38	94.55 6.24 -7.25	79.12 5.01 -2.58	67.02 3.79 0.00	59.70 3.11 0.00
CE_MILLWOOD___DRP 24193	40.80 2.94 -2.47	38.09 2.79 -1.62	35.19 2.58 0.00	32.97 2.36 0.00	32.93 2.32 -0.90	32.47 2.26 -1.22	30.01 2.35 0.00	32.24 2.55 0.00	35.98 2.88 0.00	43.14 3.56 0.00	49.60 3.80 0.00	53.43 3.96 0.00	58.95 4.21 0.00	60.71 4.34 0.00	61.54 4.72 0.00	69.37 5.02 0.00	83.98 7.07 0.00	102.82 8.49 0.00	112.23 9.03 -0.59	104.76 7.61 -4.37	94.37 6.08 -7.24	78.98 4.86 -2.58	66.89 3.67 0.00	59.53 2.94 0.00
CE_NYC2_DRP 24202	41.26 3.40 -2.48	38.53 3.23 -1.62	35.59 2.97 -0.01	33.38 2.76 -0.01	33.26 2.64 -0.90	32.82 2.61 -1.23	30.38 2.71 -0.01	32.69 3.00 -0.01	36.45 3.34 -0.01	43.78 4.20 -0.01	50.33 4.53 0.00	54.17 4.70 0.00	59.60 4.87 0.00	61.27 4.90 0.00	61.99 5.17 0.00	69.49 5.15 0.01	74.64 7.38 9.64	81.92 8.77 21.18	89.51 9.34 22.44	75.18 7.98 25.58	69.36 6.32 18.02	69.03 5.01 7.52	67.00 3.79 0.01	59.93 3.34 0.00
CE_NYC_DRP 24195	41.19 3.33 -2.48	38.43 3.13 -1.62	35.49 2.87 0.00	33.28 2.66 0.00	33.20 2.58 -0.90	32.74 2.52 -1.23	30.31 2.66 0.00	32.59 2.91 0.00	36.38 3.28 0.00	43.70 4.12 0.00	50.24 4.44 0.00	54.12 4.65 0.00	59.73 4.93 -0.07	61.39 5.02 0.00	62.22 5.40 0.00	70.02 5.66 0.00	84.90 8.00 0.00	103.76 9.43 0.00	113.36 10.16 -0.59	105.79 8.63 -4.38	95.21 6.89 -7.26	79.63 5.51 -2.58	67.46 4.24 0.00	60.10 3.51 0.00
CHAFFEE___LFGE 323603	34.65 -1.20 -0.47	32.93 -1.04 -0.31	31.38 -1.24 0.00	29.39 -1.23 0.00	28.36 -1.51 -0.16	27.90 -1.30 -0.22	26.58 -1.08 0.00	28.23 -1.45 0.00	31.61 -1.49 0.00	38.12 -1.46 0.00	43.64 -2.15 0.01	47.54 -1.93 0.00	52.05 -2.35 0.33	53.89 -2.48 0.00	54.89 -1.93 0.00	63.07 -1.29 0.00	75.52 -1.38 0.00	93.48 -0.85 0.00	102.22 -0.51 -0.13	93.35 -0.37 -0.93	82.85 0.24 -1.55	72.23 0.14 -0.55	63.99 0.76 0.00	57.94 1.36 0.00
CHATEAUG_35_KV_LOAD 355732	34.11 -1.27 0.00	32.29 -1.38 0.00	31.05 -1.57 0.00	29.11 -1.50 0.00	28.25 -1.46 0.00	27.51 -1.48 0.00	26.11 -1.55 0.00	28.14 -1.54 0.00	31.44 -1.65 0.00	37.56 -2.02 0.00	44.01 -1.79 0.00	47.44 -2.03 0.00	52.49 -2.24 0.00	53.94 -2.42 0.00	54.32 -2.50 0.00	61.85 -2.51 0.00	73.29 -3.61 0.00	89.80 -4.53 0.00	98.09 -4.51 0.00	89.26 -3.53 0.00	78.46 -2.59 0.00	69.53 -2.00 0.00	61.58 -1.64 0.00	55.34 -1.24 0.00
CHATEAUG_WT_PWR 323614	34.12 -1.27 0.00	32.29 -1.38 0.00	31.05 -1.57 0.00	29.12 -1.50 0.00	28.25 -1.46 0.00	27.54 -1.45 0.00	26.14 -1.52 0.00	28.17 -1.51 0.00	31.54 -1.56 0.00	37.68 -1.90 0.00	44.15 -1.65 0.00	47.59 -1.88 0.00	52.87 -1.86 0.00	54.45 -1.92 0.00	54.49 -2.33 0.00	61.84 -2.51 0.00	73.36 -3.54 0.00	89.80 -4.53 0.00	97.99 -4.62 0.00	89.07 -3.71 0.00	78.22 -2.84 0.00	69.39 -2.14 0.00	61.45 -1.77 0.00	55.00 -1.58 0.00
CHAT_HIGH_FALL_HYD 323578	34.11 -1.27 0.00	32.29 -1.38 0.00	31.05 -1.57 0.00	29.11 -1.50 0.00	28.25 -1.46 0.00	27.51 -1.48 0.00	26.11 -1.55 0.00	28.14 -1.54 0.00	31.44 -1.65 0.00	37.56 -2.02 0.00	44.01 -1.79 0.00	47.44 -2.03 0.00	52.49 -2.24 0.00	53.94 -2.42 0.00	54.32 -2.50 0.00	61.85 -2.51 0.00	73.29 -3.61 0.00	89.80 -4.53 0.00	98.09 -4.51 0.00	89.26 -3.53 0.00	78.46 -2.59 0.00	69.53 -2.00 0.00	61.58 -1.64 0.00	55.34 -1.24 0.00
CHAUTAUQUA___LFGE 323629	34.40 -1.45 -0.46	32.73 -1.25 -0.30	31.18 -1.43 0.00	29.21 -1.41 0.00	28.21 -1.66 -0.16	27.76 -1.45 -0.22	26.47 -1.19 0.00	28.14 -1.54 0.00	31.58 -1.52 0.00	38.04 -1.54 0.00	43.36 -2.43 0.01	47.24 -2.23 0.00	51.79 -2.63 0.31	53.72 -2.65 0.00	54.72 -2.10 0.00	63.00 -1.35 0.00	75.59 -1.31 0.00	93.77 -0.56 0.00	102.63 -0.10 -0.13	93.90 0.19 -0.93	83.33 0.73 -1.54	72.59 0.50 -0.55	64.17 0.95 0.00	58.06 1.47 0.00
CHERRYST_13_KV_LD 356241	41.33 3.47 -2.48	38.56 3.27 -1.62	35.59 2.97 0.00	33.37 2.76 0.00	33.28 2.67 -0.90	32.82 2.61 -1.23	30.42 2.77 0.00	32.71 3.03 0.00	36.51 3.41 0.00	43.86 4.27 0.00	50.47 4.67 0.00	54.37 4.90 0.00	59.93 5.20 0.00	61.67 5.30 0.00	62.50 5.68 0.00	70.34 5.99 0.00	85.28 8.38 0.00	104.33 10.00 0.00	113.87 10.67 -0.59	106.26 9.09 -4.38	95.69 7.38 -7.26	79.91 5.79 -2.58	67.71 4.49 0.00	60.32 3.73 0.00

CHESTROR_138KV_BK263 355645	40.35 2.58 -2.38	37.69 2.46 -1.56	34.84 2.22 0.00	32.64 2.02 0.00	32.57 1.99 -0.87	32.11 1.94 -1.18	29.65 1.99 0.00	31.85 2.17 0.00	35.55 2.45 0.00	42.55 2.97 0.00	48.87 3.07 0.00	52.68 3.22 0.00	58.18 3.45 0.00	60.03 3.66 0.00	60.85 4.03 0.00	68.73 4.38 0.00	83.13 6.23 0.00	101.87 7.55 0.00	111.18 8.00 -0.57	103.75 6.77 -4.19	93.43 5.43 -6.94	78.30 4.29 -2.47	66.51 3.29 0.00	59.13 2.55 0.00
CH_MIDHUDSON___DRP 24192	40.68 2.76 -2.53	37.96 2.63 -1.66	35.03 2.41 0.00	32.82 2.20 0.00	32.76 2.14 -0.91	32.31 2.09 -1.24	29.79 2.13 0.00	32.00 2.32 0.00	35.68 2.58 0.00	42.79 3.21 0.00	49.19 3.39 0.00	53.03 3.56 0.00	58.56 3.83 0.00	60.43 4.06 0.00	61.25 4.43 0.00	69.25 4.89 0.00	83.74 6.84 0.00	102.63 8.30 0.00	112.05 8.82 -0.62	104.88 7.52 -4.59	94.74 6.08 -7.60	79.10 4.86 -2.70	66.95 3.73 0.00	59.47 2.89 0.00
CH_MISC_IPPS 23765	40.86 2.97 -2.50	38.14 2.83 -1.64	35.19 2.58 0.00	32.94 2.33 0.00	32.93 2.32 -0.90	32.45 2.23 -1.23	29.90 2.24 0.00	32.09 2.40 0.00	35.91 2.81 0.00	42.91 3.33 0.00	49.33 3.53 0.00	53.28 3.81 0.00	58.78 4.05 0.00	60.54 4.17 0.00	61.53 4.71 0.00	69.95 5.60 0.00	84.59 7.69 0.00	103.76 9.43 0.00	113.38 10.16 -0.61	105.93 8.63 -4.52	95.60 7.05 -7.49	79.78 5.58 -2.67	67.65 4.42 0.00	60.38 3.79 0.00
CH_RES_BVR_FALLS 23983	34.82 -0.57 0.00	33.10 -0.57 0.00	32.03 -0.59 0.00	30.06 -0.55 0.00	29.20 -0.51 0.00	28.46 -0.52 0.00	27.13 -0.53 0.00	29.15 -0.53 0.00	32.54 -0.56 0.00	38.87 -0.71 0.00	45.11 -0.69 0.00	48.67 -0.79 0.00	53.97 -0.77 0.00	55.63 -0.73 0.00	55.97 -0.85 0.00	63.45 -0.90 0.00	75.52 -1.38 0.00	92.63 -1.70 0.00	100.86 -1.74 0.00	91.29 -1.49 0.00	79.85 -1.21 0.00	70.60 -0.93 0.00	62.40 -0.82 0.00	55.85 -0.74 0.00
CH_RES_NIAGARA 23895	34.07 -1.73 -0.41	32.49 -1.45 -0.27	30.99 -1.63 0.00	29.08 -1.53 0.00	28.13 -1.72 -0.14	27.59 -1.59 -0.20	26.25 -1.41 0.00	27.72 -1.96 0.00	30.91 -2.18 0.00	37.25 -2.34 0.00	43.22 -2.56 0.01	47.19 -2.28 0.00	50.69 -3.72 0.32	52.87 -3.49 0.00	53.35 -3.47 0.00	61.01 -3.35 0.00	72.90 -4.00 0.00	89.89 -4.43 0.00	97.99 -4.62 0.00	88.88 -3.90 0.00	78.06 -3.00 0.00	68.89 -2.65 0.00	62.40 -0.82 0.00	56.30 -0.28 0.00
CH_RES_SYRACUSE 23985	35.49 0.11 0.00	33.77 0.10 0.00	32.81 0.20 0.00	30.77 0.15 0.00	29.90 0.09 -0.10	29.24 0.12 -0.13	27.88 0.22 0.00	29.95 0.27 0.00	33.36 0.26 0.00	40.02 0.44 0.00	46.12 0.32 0.00	50.01 0.55 0.00	55.39 0.66 0.00	57.05 0.68 0.00	57.62 0.80 0.00	65.32 0.97 0.00	78.52 1.62 0.00	96.59 2.26 0.00	104.86 2.25 0.00	95.00 2.22 0.00	83.00 1.94 0.00	73.04 1.50 0.00	64.30 1.07 0.00	57.49 0.90 0.00
CLINTON_WT_PWR 323605	34.12 -1.27 0.00	32.29 -1.38 0.00	31.05 -1.57 0.00	29.12 -1.50 0.00	28.25 -1.46 0.00	27.54 -1.45 0.00	26.14 -1.52 0.00	28.17 -1.51 0.00	31.54 -1.56 0.00	37.68 -1.90 0.00	44.15 -1.65 0.00	47.59 -1.88 0.00	52.87 -1.86 0.00	54.45 -1.92 0.00	54.49 -2.33 0.00	61.84 -2.51 0.00	73.36 -3.54 0.00	89.80 -4.53 0.00	97.99 -4.62 0.00	89.07 -3.71 0.00	78.22 -2.84 0.00	69.39 -2.14 0.00	61.45 -1.77 0.00	55.00 -1.58 0.00
CLINTON___LFGE 323618	34.54 -0.85 0.00	32.69 -0.98 0.00	31.44 -1.17 0.00	29.45 -1.16 0.00	28.55 -1.16 0.00	27.80 -1.19 0.00	26.39 -1.27 0.00	28.46 -1.22 0.00	31.84 -1.26 0.00	38.08 -1.50 0.00	44.66 -1.14 0.00	47.93 -1.53 0.00	53.26 -1.48 0.00	54.68 -1.69 0.00	54.60 -2.22 0.00	61.98 -2.38 0.00	73.67 -3.23 0.00	89.99 -4.34 0.00	98.10 -4.51 0.00	89.35 -3.43 0.00	78.79 -2.27 0.00	69.82 -1.72 0.00	61.77 -1.45 0.00	55.17 -1.41 0.00
COBBLENY_34_KV_TB1 80064	34.65 -1.20 -0.47	32.93 -1.04 -0.31	31.35 -1.27 0.00	29.39 -1.22 0.00	28.18 -1.69 -0.16	27.67 -1.54 -0.22	26.55 -1.11 0.00	28.23 -1.45 0.00	31.64 -1.46 0.00	38.12 -1.46 0.00	43.59 -2.20 0.01	47.54 -1.93 0.00	52.05 -2.35 0.33	54.28 -2.09 0.00	54.94 -1.88 0.00	63.07 -1.29 0.00	75.52 -1.38 0.00	93.48 -0.85 0.00	102.02 -0.72 -0.13	93.44 -0.28 -0.93	82.85 0.24 -1.55	72.30 0.21 -0.55	64.49 1.26 0.00	57.83 1.24 0.00
COFFEEN___115KV_TB3 355620	36.87 1.49 0.00	34.95 1.28 0.00	33.89 1.27 0.00	31.84 1.22 0.00	31.04 1.28 -0.05	30.24 1.19 -0.07	28.51 0.86 0.00	30.54 0.86 0.00	33.96 0.86 0.00	40.53 0.95 0.00	46.81 1.01 0.00	50.75 1.29 0.00	56.43 1.70 0.00	58.06 1.69 0.00	58.35 1.53 0.00	66.48 2.12 0.00	80.36 3.46 0.00	99.52 5.19 0.00	109.69 7.08 0.00	100.39 7.61 0.00	88.44 7.38 0.00	77.83 6.30 0.00	68.03 4.81 0.00	60.32 3.73 0.00
COLDSPRG_115KV_BK1 355956	34.64 -1.24 -0.49	32.92 -1.08 -0.32	31.31 -1.30 0.00	29.33 -1.29 0.00	27.95 -1.93 -0.17	27.48 -1.74 -0.23	26.55 -1.11 0.00	28.26 -1.42 0.00	31.78 -1.32 0.00	38.27 -1.31 0.00	43.55 -2.24 0.01	47.44 -2.03 0.00	52.22 -2.35 0.16	54.45 -1.92 0.00	55.17 -1.65 0.00	63.20 -1.16 0.00	75.98 -0.92 0.00	94.42 0.09 0.00	103.26 0.51 -0.13	94.60 0.84 -0.99	83.99 1.30 -1.64	73.26 1.14 -0.58	64.93 1.71 0.00	58.34 1.75 0.00
COLONIE_LFGE___ 323577	45.30 2.05 -7.86	40.81 1.99 -5.15	34.51 1.89 0.00	32.36 1.74 0.00	32.50 1.75 -1.04	32.11 1.71 -1.42	29.29 1.63 0.00	31.37 1.69 0.00	35.09 1.99 0.00	41.92 2.33 0.00	48.09 2.29 0.00	51.84 2.37 0.00	57.20 2.47 0.00	58.79 2.42 0.00	59.60 2.78 0.00	67.51 3.15 0.00	81.36 4.46 0.00	99.80 5.47 0.00	113.00 5.95 -4.44	130.78 5.10 -32.90	139.77 4.21 -54.49	94.65 3.72 -19.40	66.13 2.91 0.00	58.96 2.38 0.00
COOPERNY_115KV_TB1 80082	39.73 2.19 -2.15	37.17 2.09 -1.41	34.51 1.89 0.00	32.36 1.75 0.00	32.18 1.69 -0.78	31.73 1.68 -1.06	29.37 1.71 0.00	31.55 1.87 0.00	35.22 2.12 0.00	42.19 2.61 0.00	48.45 2.66 0.00	52.29 2.82 0.00	57.74 3.01 0.00	59.53 3.16 0.00	60.29 3.47 0.00	68.09 3.73 0.00	82.28 5.38 0.00	100.74 6.41 0.00	110.10 6.98 -0.51	102.44 5.85 -3.81	92.16 4.78 -6.32	77.57 3.79 -2.25	66.07 2.85 0.00	58.79 2.21 0.00
COPENHAGEN_WT_PWR 323753	36.49 1.10 0.00	34.61 0.94 0.00	33.56 0.95 0.00	31.53 0.92 0.00	30.71 0.95 -0.05	29.93 0.87 -0.07	28.27 0.61 0.00	30.28 0.59 0.00	33.70 0.60 0.00	40.21 0.63 0.00	46.49 0.69 0.00	50.41 0.94 0.00	55.99 1.26 0.00	57.55 1.19 0.00	57.96 1.14 0.00	65.90 1.54 0.00	79.52 2.62 0.00	98.29 3.96 0.00	108.15 5.54 0.00	98.72 5.94 0.00	86.81 5.76 0.00	76.54 5.01 0.00	66.95 3.73 0.00	59.47 2.88 0.00
CORNELL_____ 23752	36.88 0.85 -0.64	34.90 0.81 -0.42	33.40 0.78 0.00	31.35 0.73 0.00	30.54 0.62 -0.21	29.91 0.64 -0.29	28.40 0.75 0.00	30.45 0.77 0.00	33.96 0.86 0.00	40.65 1.07 0.00	46.67 0.87 0.00	50.56 1.09 0.00	56.14 1.26 -0.15	57.83 1.47 0.00	58.41 1.59 0.00	66.35 2.00 0.00	80.05 3.15 0.00	98.76 4.43 0.00	107.82 5.03 -0.18	99.13 5.01 -1.34	87.81 4.54 -2.21	76.04 3.72 -0.79	66.20 2.97 0.00	58.91 2.32 0.00

CORONA__69_KV_TB1 355595	41.83 3.96 -2.48	39.00 3.70 -1.62	35.81 3.20 0.00	33.52 2.91 0.00	33.46 2.85 -0.90	32.91 2.70 -1.23	30.53 2.88 0.00	32.95 3.27 0.00	36.77 3.67 0.00	44.29 4.71 0.00	54.10 4.99 -3.31	57.88 5.24 -3.17	60.59 5.64 -0.22	63.70 5.81 -1.53	72.01 6.25 -8.94	107.58 6.76 -36.47	155.40 9.23 -69.27	135.60 11.13 -30.14	115.10 11.90 -0.59	110.36 10.21 -7.37	96.64 8.27 -7.31	111.73 6.94 -33.25	104.96 5.69 -36.04	61.39 4.75 -0.05
CORTLAND__115KV_TB3 80093	36.48 0.60 -0.50	34.57 0.57 -0.32	33.20 0.59 0.00	31.17 0.55 0.00	30.33 0.45 -0.17	29.68 0.46 -0.23	28.21 0.55 0.00	30.25 0.56 0.00	33.73 0.63 0.00	40.37 0.79 0.00	46.44 0.64 0.00	50.31 0.84 0.00	55.72 0.99 0.00	57.50 1.13 0.00	58.07 1.25 0.00	65.90 1.54 0.00	79.36 2.46 0.00	97.72 3.40 0.00	106.54 3.80 -0.13	97.49 3.71 -1.00	86.03 3.32 -1.65	74.77 2.65 -0.59	65.31 2.09 0.00	58.17 1.58 0.00
COXSACKIE__GT 23611	42.43 2.44 -4.60	39.01 2.32 -3.02	35.06 2.45 0.00	32.76 2.14 0.00	32.46 1.75 -1.00	32.05 1.71 -1.36	29.48 1.82 0.00	31.40 1.72 0.00	34.95 1.85 0.00	41.64 2.06 0.00	47.86 2.06 0.00	51.55 2.08 0.00	56.98 2.24 0.00	58.91 2.54 0.00	60.00 3.18 0.00	68.86 4.50 0.00	83.52 6.61 0.00	103.29 8.97 0.00	114.00 9.34 -2.06	116.46 8.44 -15.24	113.75 7.45 -25.23	86.45 5.93 -8.98	68.34 5.12 0.00	60.61 4.02 0.00
CPV_VALLEY__CC1 323721	39.98 2.30 -2.29	37.40 2.22 -1.50	34.64 2.02 0.00	32.45 1.84 0.00	32.39 1.84 -0.83	31.92 1.80 -1.14	29.48 1.82 0.00	31.67 1.99 0.00	35.42 2.32 0.00	42.35 2.77 0.00	48.55 2.75 0.00	52.39 2.92 0.00	57.74 3.01 0.00	59.35 2.99 0.00	60.17 3.35 0.00	68.22 3.86 0.00	82.44 5.54 0.00	100.93 6.60 0.00	110.23 7.07 -0.54	102.74 5.94 -4.02	92.42 4.70 -6.66	77.62 3.72 -2.37	66.13 2.91 0.00	59.14 2.55 0.00
CPV_VALLEY__CC2 323722	39.98 2.30 -2.29	37.40 2.22 -1.50	34.64 2.02 0.00	32.45 1.84 0.00	32.39 1.84 -0.83	31.92 1.80 -1.14	29.48 1.82 0.00	31.67 1.99 0.00	35.42 2.32 0.00	42.35 2.77 0.00	48.55 2.75 0.00	52.39 2.92 0.00	57.74 3.01 0.00	59.35 2.99 0.00	60.17 3.35 0.00	68.22 3.86 0.00	82.44 5.54 0.00	100.93 6.60 0.00	110.23 7.07 -0.54	102.74 5.94 -4.02	92.42 4.70 -6.66	77.62 3.72 -2.37	66.13 2.91 0.00	59.14 2.55 0.00
CRESCENT__HYD 24018	45.30 2.05 -7.86	40.81 1.99 -5.15	34.51 1.89 0.00	32.36 1.74 0.00	32.50 1.75 -1.04	32.11 1.71 -1.42	29.29 1.63 0.00	31.37 1.69 0.00	35.09 1.99 0.00	41.92 2.33 0.00	48.09 2.29 0.00	51.84 2.37 0.00	57.20 2.47 0.00	58.79 2.42 0.00	59.60 2.78 0.00	67.51 3.15 0.00	81.36 4.46 0.00	99.80 5.47 0.00	113.00 5.95 -4.44	130.78 5.10 -32.90	139.77 4.21 -54.49	94.65 3.72 -19.40	66.13 2.91 0.00	58.96 2.38 0.00
CRICKET__VALLEY_CC1 323756	40.46 2.41 -2.66	37.71 2.29 -1.75	34.84 2.22 0.00	32.58 1.96 0.00	32.63 1.99 -0.93	32.16 1.91 -1.26	29.59 1.94 0.00	31.79 2.11 0.00	35.51 2.41 0.00	42.51 2.93 0.00	48.69 2.89 0.00	52.44 2.97 0.00	57.80 3.06 0.00	59.35 2.99 0.00	60.23 3.41 0.00	68.09 3.73 0.00	82.28 5.38 0.00	100.83 6.50 0.00	110.07 6.77 -0.69	103.49 5.57 -5.15	93.96 4.37 -8.52	78.22 3.65 -3.03	66.00 2.78 0.00	59.02 2.43 0.00
CRICKET__VALLEY_CC2 323757	40.46 2.41 -2.66	37.71 2.29 -1.75	34.84 2.22 0.00	32.58 1.96 0.00	32.63 1.99 -0.93	32.16 1.91 -1.26	29.59 1.94 0.00	31.79 2.11 0.00	35.51 2.41 0.00	42.51 2.93 0.00	48.69 2.89 0.00	52.44 2.97 0.00	57.80 3.06 0.00	59.35 2.99 0.00	60.23 3.41 0.00	68.09 3.73 0.00	82.28 5.38 0.00	100.83 6.50 0.00	110.07 6.77 -0.69	103.49 5.57 -5.15	93.96 4.37 -8.52	78.22 3.65 -3.03	66.00 2.78 0.00	59.02 2.43 0.00
CRICKET__VALLEY_CC3 323758	40.46 2.41 -2.66	37.71 2.29 -1.75	34.84 2.22 0.00	32.58 1.96 0.00	32.63 1.99 -0.93	32.16 1.91 -1.26	29.59 1.94 0.00	31.79 2.11 0.00	35.51 2.41 0.00	42.51 2.93 0.00	48.69 2.89 0.00	52.44 2.97 0.00	57.80 3.06 0.00	59.35 2.99 0.00	60.23 3.41 0.00	68.09 3.73 0.00	82.28 5.38 0.00	100.83 6.50 0.00	110.07 6.77 -0.69	103.49 5.57 -5.15	93.96 4.37 -8.52	78.22 3.65 -3.03	66.00 2.78 0.00	59.02 2.43 0.00
CRUCIBLE__METL_DRP 24180	35.49 0.11 0.00	33.77 0.10 0.00	32.81 0.20 0.00	30.77 0.15 0.00	29.93 0.12 -0.10	29.23 0.12 -0.13	27.88 0.22 0.00	29.95 0.27 0.00	33.43 0.33 0.00	40.02 0.44 0.00	46.16 0.37 0.00	50.01 0.54 0.00	55.39 0.66 0.00	57.16 0.79 0.00	57.67 0.85 0.00	65.32 0.97 0.00	78.52 1.61 0.00	96.59 2.26 0.00	104.87 2.26 0.00	95.01 2.23 0.00	83.00 1.95 0.00	73.04 1.50 0.00	64.36 1.14 0.00	57.44 0.85 0.00
DAHOWA__HYDRO 323763	46.58 2.34 -8.86	41.70 2.22 -5.80	34.71 2.09 0.00	32.54 1.93 0.00	32.69 1.93 -1.05	32.33 1.91 -1.43	29.48 1.82 0.00	31.55 1.87 0.00	35.35 2.25 0.00	42.19 2.61 0.00	48.32 2.52 0.00	52.19 2.72 0.00	57.63 2.90 0.00	59.13 2.76 0.00	59.89 3.07 0.00	68.02 3.67 0.00	82.44 5.54 0.00	101.41 7.08 0.00	116.00 8.21 -5.18	138.38 7.24 -38.36	150.99 6.40 -63.53	99.66 5.51 -22.61	67.53 4.30 0.00	60.10 3.51 0.00
DANC__LFGE 323619	35.92 0.53 0.00	34.11 0.44 0.00	33.11 0.49 0.00	31.07 0.46 0.00	30.25 0.47 -0.06	29.48 0.41 -0.09	27.93 0.28 0.00	29.95 0.27 0.00	33.30 0.20 0.00	39.82 0.24 0.00	46.03 0.23 0.00	49.91 0.44 0.00	55.39 0.66 0.00	56.93 0.56 0.00	57.33 0.51 0.00	65.13 0.78 0.00	78.44 1.54 0.00	96.69 2.36 0.00	105.89 3.28 0.00	96.40 3.61 0.00	84.62 3.56 0.00	74.54 3.00 0.00	65.44 2.21 0.00	58.28 1.70 0.00
DANSKAMMER__1 23586	40.86 2.97 -2.50	38.14 2.83 -1.64	35.19 2.58 0.00	32.94 2.33 0.00	32.93 2.32 -0.90	32.45 2.23 -1.23	29.90 2.24 0.00	32.09 2.40 0.00	35.91 2.81 0.00	42.91 3.33 0.00	49.33 3.53 0.00	53.28 3.81 0.00	58.78 4.05 0.00	60.54 4.17 0.00	61.53 4.71 0.00	69.95 5.60 0.00	84.59 7.69 0.00	103.76 9.43 0.00	113.38 10.16 -0.61	105.93 8.63 -4.52	95.60 7.05 -7.49	79.78 5.58 -2.67	67.65 4.42 0.00	60.38 3.79 0.00
DANSKAMMER__2 23589	40.86 2.97 -2.50	38.14 2.83 -1.64	35.19 2.58 0.00	32.94 2.33 0.00	32.93 2.32 -0.90	32.45 2.23 -1.23	29.90 2.24 0.00	32.09 2.40 0.00	35.91 2.81 0.00	42.91 3.33 0.00	49.33 3.53 0.00	53.28 3.81 0.00	58.78 4.05 0.00	60.54 4.17 0.00	61.53 4.71 0.00	69.95 5.60 0.00	84.59 7.69 0.00	103.76 9.43 0.00	113.38 10.16 -0.61	105.93 8.63 -4.52	95.60 7.05 -7.49	79.78 5.58 -2.67	67.65 4.42 0.00	60.38 3.79 0.00
DANSKAMMER__3 23590	40.86 2.97 -2.50	38.14 2.83 -1.64	35.19 2.58 0.00	32.94 2.33 0.00	32.93 2.32 -0.90	32.45 2.23 -1.23	29.90 2.24 0.00	32.09 2.40 0.00	35.91 2.81 0.00	42.91 3.33 0.00	49.33 3.53 0.00	53.28 3.81 0.00	58.78 4.05 0.00	60.54 4.17 0.00	61.53 4.71 0.00	69.95 5.60 0.00	84.59 7.69 0.00	103.76 9.43 0.00	113.38 10.16 -0.61	105.93 8.63 -4.52	95.60 7.05 -7.49	79.78 5.58 -2.67	67.65 4.42 0.00	60.38 3.79 0.00

DANSKAMMER___4 23591	40.86 2.97 -2.50	38.14 2.83 -1.64	35.19 2.58 0.00	32.94 2.33 0.00	32.93 2.32 -0.90	32.45 2.23 -1.23	29.90 2.24 0.00	32.09 2.40 0.00	35.91 2.81 0.00	42.91 3.33 0.00	49.33 3.53 0.00	53.28 3.81 0.00	58.78 4.05 0.00	60.54 4.17 0.00	61.53 4.71 0.00	69.95 5.60 0.00	84.59 7.69 0.00	103.76 9.43 0.00	113.38 10.16 -0.61	105.93 8.63 -4.52	95.60 7.05 -7.49	79.78 5.58 -2.67	67.65 4.42 0.00	60.38 3.79 0.00
DANSKAMMER___DIESEL 23592	40.86 2.97 -2.50	38.14 2.83 -1.64	35.19 2.58 0.00	32.94 2.33 0.00	32.87 2.26 -0.90	32.42 2.20 -1.23	29.90 2.24 0.00	32.09 2.40 0.00	35.81 2.71 0.00	42.91 3.32 0.00	49.37 3.57 0.00	53.28 3.81 0.00	58.89 4.16 0.00	60.82 4.45 0.00	61.71 4.89 0.00	69.95 5.60 0.00	84.59 7.69 0.00	103.76 9.43 0.00	113.28 10.06 -0.61	105.93 8.63 -4.52	95.60 7.05 -7.49	79.78 5.58 -2.67	67.52 4.30 0.00	59.93 3.34 0.00
DARBY___SOLAR 323810	46.39 2.27 -8.74	41.56 2.16 -5.73	34.64 2.02 0.00	32.48 1.87 0.00	32.63 1.87 -1.05	32.27 1.86 -1.43	29.43 1.77 0.00	31.49 1.81 0.00	35.28 2.18 0.00	42.12 2.54 0.00	48.22 2.43 0.00	52.04 2.57 0.00	57.47 2.74 0.00	58.96 2.59 0.00	59.77 2.95 0.00	67.83 3.47 0.00	82.13 5.23 0.00	101.03 6.70 0.00	115.40 7.70 -5.09	137.25 6.77 -37.70	149.41 5.91 -62.44	98.84 5.08 -22.22	67.27 4.05 0.00	59.87 3.28 0.00
DASHVILLE___HYD 23610	40.51 2.19 -2.93	37.68 2.09 -1.92	34.90 2.28 0.00	32.64 2.02 0.00	32.26 1.63 -0.92	31.83 1.59 -1.25	29.62 1.96 0.00	31.76 2.08 0.00	35.42 2.32 0.00	42.43 2.85 0.00	48.78 2.98 0.00	52.63 3.17 0.00	58.18 3.45 0.00	60.09 3.72 0.00	60.97 4.15 0.00	69.05 4.70 0.00	83.51 6.61 0.00	102.44 8.11 0.00	111.11 7.59 -0.91	105.90 6.40 -6.72	97.37 5.19 -11.13	79.43 3.93 -3.96	66.83 3.60 0.00	59.36 2.77 0.00
DELAWARE___LFGE 323621	39.01 1.59 -2.03	36.52 1.52 -1.33	34.02 1.40 0.00	31.96 1.35 0.00	31.43 1.31 -0.41	30.85 1.30 -0.56	28.93 1.27 0.00	31.05 1.37 0.00	34.65 1.56 0.00	41.52 1.94 0.00	47.77 1.97 0.00	51.64 2.18 0.00	57.14 2.41 0.00	58.85 2.48 0.00	59.49 2.67 0.00	67.38 3.02 0.00	81.05 4.15 0.00	99.42 5.09 0.00	109.04 5.64 -0.78	103.59 5.01 -5.80	95.04 4.38 -9.60	78.53 3.58 -3.42	66.07 2.85 0.00	58.79 2.21 0.00
DERFIELD_115KV_TB7 355931	35.71 0.32 0.00	33.98 0.30 0.00	32.94 0.33 0.00	30.92 0.31 0.00	30.01 0.30 0.00	29.28 0.29 0.00	27.93 0.28 0.00	29.98 0.30 0.00	33.43 0.33 0.00	39.98 0.40 0.00	46.16 0.37 0.00	49.86 0.40 0.00	55.17 0.44 0.00	56.82 0.45 0.00	57.33 0.51 0.00	64.93 0.58 0.00	77.82 0.92 0.00	95.46 1.13 0.00	103.84 1.23 0.00	93.80 1.02 0.00	81.95 0.89 0.00	72.25 0.72 0.00	63.73 0.51 0.00	56.93 0.34 0.00
DOGLEVILLE___HYD 23807	35.81 0.42 0.00	34.04 0.37 0.00	32.98 0.36 0.00	30.95 0.34 0.00	30.07 0.36 0.00	29.33 0.35 0.00	27.96 0.30 0.00	30.01 0.33 0.00	33.46 0.36 0.00	40.06 0.47 0.00	46.26 0.46 0.00	49.96 0.49 0.00	55.33 0.60 0.00	56.99 0.62 0.00	57.50 0.68 0.00	65.13 0.77 0.00	78.13 1.23 0.00	96.03 1.70 0.00	104.56 1.95 0.00	94.64 1.86 0.00	82.76 1.70 0.00	72.89 1.36 0.00	64.24 1.01 0.00	57.32 0.74 0.00
DUNKIRK__115KV_TB_200 55889	34.51 -1.34 -0.46	32.80 -1.18 -0.30	31.25 -1.37 0.00	29.27 -1.35 0.00	28.12 -1.75 -0.16	27.61 -1.59 -0.22	26.52 -1.13 0.00	28.20 -1.48 0.00	31.64 -1.46 0.00	38.12 -1.46 0.00	43.41 -2.38 0.01	47.34 -2.13 0.00	51.90 -2.52 0.32	54.23 -2.14 0.00	54.89 -1.93 0.00	63.07 -1.29 0.00	75.67 -1.23 0.00	93.76 -0.57 0.00	102.40 -0.21 0.00	92.97 0.19 0.00	81.71 0.65 0.00	72.04 0.50 0.00	64.62 1.39 0.00	57.95 1.36 0.00
DUNKIRK___1 23563	34.51 -1.34 -0.46	32.80 -1.18 -0.30	31.25 -1.37 0.00	29.27 -1.35 0.00	28.12 -1.75 -0.16	27.61 -1.59 -0.22	26.52 -1.13 0.00	28.20 -1.48 0.00	31.64 -1.46 0.00	38.12 -1.46 0.00	43.41 -2.38 0.01	47.34 -2.13 0.00	51.90 -2.52 0.32	54.23 -2.14 0.00	54.89 -1.93 0.00	63.07 -1.29 0.00	75.67 -1.23 0.00	93.76 -0.57 0.00	102.40 -0.21 0.00	92.97 0.19 0.00	81.71 0.65 0.00	72.04 0.50 0.00	64.62 1.39 0.00	57.95 1.36 0.00
DUNKIRK___2 23564	34.51 -1.34 -0.46	32.80 -1.18 -0.30	31.25 -1.37 0.00	29.27 -1.35 0.00	28.12 -1.75 -0.16	27.61 -1.59 -0.22	26.52 -1.13 0.00	28.20 -1.48 0.00	31.64 -1.46 0.00	38.12 -1.46 0.00	43.41 -2.38 0.01	47.34 -2.13 0.00	51.90 -2.52 0.32	54.23 -2.14 0.00	54.89 -1.93 0.00	63.07 -1.29 0.00	75.67 -1.23 0.00	93.76 -0.57 0.00	102.40 -0.21 0.00	92.97 0.19 0.00	81.71 0.65 0.00	72.04 0.50 0.00	64.62 1.39 0.00	57.95 1.36 0.00
DUNKIRK___3 23565	34.54 -1.31 -0.46	32.86 -1.11 -0.30	31.31 -1.30 0.00	29.33 -1.29 0.00	28.18 -1.69 -0.16	27.67 -1.54 -0.22	26.55 -1.11 0.00	28.23 -1.45 0.00	31.64 -1.46 0.00	38.16 -1.42 0.00	43.50 -2.29 0.01	47.44 -2.03 0.00	51.94 -2.46 0.33	54.23 -2.14 0.00	54.89 -1.93 0.00	62.94 -1.42 0.00	75.44 -1.46 0.00	93.48 -0.85 0.00	101.89 -0.72 0.00	92.50 -0.28 0.00	81.30 0.24 0.00	71.75 0.21 0.00	64.36 1.14 0.00	57.72 1.13 0.00
DUNKIRK___4 23566	34.54 -1.31 -0.46	32.86 -1.11 -0.30	31.31 -1.30 0.00	29.33 -1.29 0.00	28.18 -1.69 -0.16	27.67 -1.54 -0.22	26.55 -1.11 0.00	28.23 -1.45 0.00	31.64 -1.46 0.00	38.16 -1.42 0.00	43.50 -2.29 0.01	47.44 -2.03 0.00	51.94 -2.46 0.33	54.23 -2.14 0.00	54.89 -1.93 0.00	62.94 -1.42 0.00	75.44 -1.46 0.00	93.48 -0.85 0.00	101.89 -0.72 0.00	92.50 -0.28 0.00	81.30 0.24 0.00	71.75 0.21 0.00	64.36 1.14 0.00	57.72 1.13 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.98 3.11 -2.48	38.26 2.96 -1.62	35.32 2.71 0.00	33.09 2.48 0.00	33.05 2.44 -0.90	32.59 2.38 -1.23	30.15 2.49 0.00	32.41 2.73 0.00	36.18 3.08 0.00	43.42 3.84 0.00	49.92 4.12 0.00	53.77 4.30 0.00	59.33 4.60 0.00	61.05 4.68 0.00	61.88 5.06 0.00	69.70 5.34 0.00	84.36 7.46 0.00	103.38 9.06 0.00	112.85 9.65 -0.59	105.33 8.16 -4.38	94.88 6.57 -7.26	79.34 5.22 -2.58	67.21 3.98 0.00	59.81 3.23 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.61 2.76 -2.46	37.91 2.63 -1.61	35.00 2.38 0.00	32.76 2.14 0.00	32.67 2.08 -0.89	32.25 2.06 -1.21	29.76 2.10 0.00	31.97 2.29 0.00	35.65 2.55 0.00	42.71 3.13 0.00	49.10 3.30 0.00	52.98 3.51 0.00	58.51 3.78 0.00	60.37 4.00 0.00	61.25 4.43 0.00	69.31 4.96 0.00	83.82 6.92 0.00	102.72 8.40 0.00	112.24 9.03 -0.60	104.83 7.61 -4.44	94.57 6.16 -7.35	79.02 4.86 -2.62	66.95 3.73 0.00	59.53 2.94 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.41 3.54 -2.49	38.64 3.33 -1.63	35.66 3.03 -0.01	33.47 2.85 -0.01	33.38 2.76 -0.91	32.92 2.70 -1.24	30.43 2.77 -0.01	32.72 3.03 -0.01	36.45 3.34 -0.01	43.86 4.27 -0.01	50.43 4.63 -0.01	54.27 4.80 -0.01	59.67 4.93 -0.01	61.34 4.96 -0.01	62.00 5.17 -0.01	69.51 5.15 -0.01	84.29 7.38 -0.01	103.11 8.77 -0.01	112.65 9.44 -0.60	105.15 7.98 -4.39	94.73 6.40 -7.27	79.13 5.01 -2.59	67.03 3.79 -0.01	60.05 3.45 -0.01

E179THST_13_KV_LOAD 356214	41.63 3.75 -2.49	38.84 3.54 -1.63	35.85 3.23 -0.01	33.62 3.00 -0.01	33.53 2.91 -0.91	33.06 2.84 -1.24	30.57 2.90 -0.01	32.87 3.18 -0.01	36.65 3.54 -0.01	44.10 4.51 -0.01	50.75 4.95 -0.01	54.62 5.14 -0.01	60.05 5.31 -0.01	61.73 5.36 -0.01	62.45 5.63 -0.01	70.03 5.66 -0.01	84.91 8.00 -0.01	103.86 9.53 -0.01	113.47 10.26 -0.60	105.89 8.72 -4.39	95.38 7.05 -7.27	79.71 5.58 -2.59	67.53 4.30 -0.01	60.44 3.85 -0.01
EAST HAMPTON___GT 23717	42.44 4.57 -2.49	39.30 4.01 -1.62	35.88 3.26 0.00	33.58 2.97 0.00	33.58 2.97 -0.90	32.91 2.70 -1.23	30.56 2.90 0.00	33.18 3.50 0.00	37.30 4.20 0.00	45.25 5.66 -0.01	54.93 5.82 -3.31	59.26 6.68 -3.12	62.47 7.72 -0.02	63.98 7.50 -0.11	65.48 8.12 -0.54	75.66 9.20 -2.10	93.69 12.77 -4.02	136.38 15.66 -26.39	135.06 16.11 -16.34	111.25 13.91 -4.56	98.26 10.78 -6.42	85.08 9.23 -4.31	72.30 7.27 -1.81	64.51 7.92 0.00
EAST RIVER___6 23660	41.34 3.47 -2.48	38.56 3.27 -1.62	35.59 2.97 0.00	33.37 2.76 0.00	33.34 2.73 -0.90	32.85 2.64 -1.23	30.40 2.74 0.00	32.68 3.00 0.00	36.61 3.51 0.00	43.86 4.28 0.00	50.33 4.54 0.00	54.32 4.85 0.00	59.76 5.03 0.00	61.27 4.90 0.00	62.22 5.40 0.00	70.21 5.86 0.00	85.13 8.23 0.00	104.05 9.72 0.00	113.67 10.47 -0.59	105.98 8.82 -4.38	95.37 7.05 -7.26	79.77 5.65 -2.58	67.78 4.55 0.00	60.72 4.13 0.00
EAST RIVER___7 23524	41.34 3.47 -2.48	38.56 3.27 -1.62	35.59 2.97 0.00	33.37 2.76 0.00	33.34 2.73 -0.90	32.85 2.64 -1.23	30.40 2.74 0.00	32.68 3.00 0.00	36.61 3.51 0.00	43.86 4.28 0.00	50.33 4.54 0.00	54.32 4.85 0.00	59.76 5.03 0.00	61.27 4.90 0.00	62.22 5.40 0.00	70.21 5.86 0.00	85.13 8.23 0.00	104.05 9.72 0.00	113.67 10.47 -0.59	105.98 8.82 -4.38	95.37 7.05 -7.26	79.77 5.65 -2.58	67.78 4.55 0.00	60.72 4.13 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.91 3.04 -2.48	38.16 2.86 -1.62	35.23 2.61 0.00	33.03 2.42 0.00	32.96 2.35 -0.90	32.53 2.32 -1.23	30.06 2.41 0.00	32.33 2.64 0.00	36.08 2.98 0.00	43.26 3.68 0.00	49.74 3.94 0.00	53.57 4.11 0.00	59.11 4.38 0.00	60.88 4.51 0.00	61.71 4.89 0.00	69.50 5.15 0.00	84.13 7.23 0.00	103.10 8.77 0.00	112.54 9.34 -0.59	105.05 7.89 -4.38	94.55 6.24 -7.25	79.12 5.01 -2.58	67.02 3.79 0.00	59.70 3.11 0.00
EAST_HAMPTON___DIESEL 23722	42.37 4.49 -2.49	39.24 3.94 -1.62	35.82 3.20 0.00	33.52 2.91 0.00	33.52 2.91 -0.90	32.85 2.64 -1.23	30.51 2.85 0.00	33.12 3.44 0.00	37.24 4.14 0.00	45.21 5.62 -0.01	54.83 5.72 -3.31	59.16 6.58 -3.12	62.31 7.56 -0.02	63.86 7.38 -0.11	65.37 8.01 -0.54	75.53 9.08 -2.10	93.53 12.61 -4.02	136.18 15.47 -26.39	134.74 15.80 -16.34	110.98 13.64 -4.56	98.01 10.53 -6.42	84.93 9.09 -4.31	72.18 7.14 -1.81	64.45 7.86 0.00
EAST_POINT___SOLAR 323840	47.41 3.29 -8.73	42.46 3.06 -5.72	35.45 2.84 0.00	33.25 2.63 0.00	33.50 2.64 -1.14	33.13 2.58 -1.56	29.87 2.21 0.00	31.58 1.90 0.00	35.35 2.25 0.00	42.15 2.57 0.00	48.50 2.70 0.00	52.04 2.57 0.00	57.31 2.57 0.00	58.63 2.26 0.00	59.03 2.21 0.00	67.06 2.70 0.00	81.20 4.30 0.00	100.37 6.04 0.00	116.91 9.13 -5.17	141.85 10.76 -38.31	155.30 10.78 -63.46	103.28 9.16 -22.59	70.55 7.33 0.00	62.64 6.06 0.00
EAST_PULASKI___ESR 323781	35.39 0.00 0.00	33.67 0.00 0.00	32.72 0.10 0.00	30.68 0.06 0.00	29.84 0.06 -0.07	29.11 0.03 -0.10	27.66 0.00 0.00	29.68 0.00 0.00	33.03 -0.07 0.00	39.50 -0.08 0.00	45.62 -0.18 0.00	49.52 0.05 0.00	54.84 0.11 0.00	56.43 0.06 0.00	56.76 -0.06 0.00	64.29 -0.06 0.00	77.36 0.46 0.00	95.17 0.85 0.00	103.84 1.24 0.00	94.26 1.48 0.00	82.52 1.46 0.00	72.68 1.14 0.00	63.92 0.70 0.00	57.10 0.51 0.00
EAST_RIVER___1 323558	41.19 3.33 -2.48	38.43 3.13 -1.62	35.49 2.87 0.00	33.28 2.66 0.00	33.25 2.64 -0.90	32.79 2.58 -1.23	30.31 2.66 0.00	32.59 2.91 0.00	36.48 3.38 0.00	43.70 4.12 0.00	50.20 4.40 0.00	54.12 4.65 0.00	59.60 4.87 0.00	61.04 4.68 0.00	61.99 5.17 0.00	70.02 5.66 0.00	84.90 8.00 0.00	103.76 9.43 0.00	113.36 10.16 -0.59	105.79 8.63 -4.38	95.20 6.89 -7.26	79.63 5.51 -2.58	67.58 4.36 0.00	60.61 4.02 0.00
EAST_RIVER___2 323559	41.34 3.47 -2.48	38.56 3.27 -1.62	35.59 2.97 0.00	33.37 2.76 0.00	33.34 2.73 -0.90	32.85 2.64 -1.23	30.40 2.74 0.00	32.68 3.00 0.00	36.61 3.51 0.00	43.86 4.28 0.00	50.33 4.54 0.00	54.32 4.85 0.00	59.76 5.03 0.00	61.27 4.90 0.00	62.22 5.40 0.00	70.21 5.86 0.00	85.13 8.23 0.00	104.05 9.72 0.00	113.67 10.47 -0.59	105.98 8.82 -4.38	95.37 7.05 -7.26	79.77 5.65 -2.58	67.78 4.55 0.00	60.72 4.13 0.00
EAST___DELAWARE_HYD 23607	40.52 2.66 -2.47	37.79 2.49 -1.62	34.87 2.25 0.00	32.60 1.99 0.00	32.56 1.99 -0.86	32.07 1.91 -1.17	29.59 1.94 0.00	31.76 2.08 0.00	35.55 2.45 0.00	42.47 2.89 0.00	48.82 3.02 0.00	52.78 3.31 0.00	58.29 3.56 0.00	60.03 3.66 0.00	60.97 4.15 0.00	69.44 5.08 0.00	84.13 7.23 0.00	103.38 9.06 0.00	113.21 9.95 -0.65	106.10 8.53 -4.79	96.05 7.05 -7.94	79.87 5.51 -2.83	67.46 4.24 0.00	60.15 3.57 0.00
EIGHT_POINT___WT_PWR 323820	34.54 -1.42 -0.57	32.73 -1.31 -0.37	31.22 -1.40 0.00	29.27 -1.35 0.00	28.42 -1.48 -0.19	27.95 -1.30 -0.26	26.58 -1.08 0.00	28.29 -1.39 0.00	31.58 -1.52 0.00	38.00 -1.58 0.00	43.46 -2.38 -0.04	47.34 -2.13 0.00	53.61 -2.52 -1.39	53.95 -2.42 0.00	54.95 -1.87 0.00	62.75 -1.61 0.00	75.75 -1.15 0.00	93.86 -0.47 0.00	103.07 0.31 -0.15	95.40 1.48 -1.14	84.89 1.94 -1.89	73.71 1.50 -0.67	64.42 1.20 0.00	57.94 1.36 0.00
ELBRIDGE_115KV_TB2 80188	35.57 -0.11 -0.28	33.79 -0.07 -0.19	32.62 0.00 0.00	30.61 0.00 0.00	29.75 -0.06 -0.10	29.10 -0.03 -0.14	27.71 0.06 0.00	29.74 0.06 0.00	33.20 0.10 0.00	39.74 0.16 0.00	45.80 0.00 0.00	49.62 0.15 0.00	54.95 0.22 0.00	56.71 0.34 0.00	57.22 0.40 0.00	64.81 0.45 0.00	77.90 1.00 0.00	95.84 1.51 0.00	104.15 1.54 0.00	94.36 1.58 0.00	82.44 1.38 0.00	72.61 1.07 0.00	63.98 0.76 0.00	57.10 0.51 0.00
ELEC_TRO_TEK 24086	41.55 3.68 -2.48	38.77 3.47 -1.62	35.59 2.97 0.00	33.34 2.72 0.00	33.26 2.64 -0.90	32.74 2.52 -1.23	30.37 2.71 0.00	32.77 3.09 0.00	36.54 3.44 0.00	44.01 4.43 0.00	53.74 4.63 -3.31	57.46 4.85 -3.14	59.99 5.14 -0.11	62.34 5.24 -0.72	66.52 5.63 -4.08	87.02 6.05 -16.61	116.77 8.31 -31.56	118.06 10.00 -13.74	113.87 10.67 -0.59	107.71 9.19 -5.74	95.63 7.30 -7.28	94.17 6.08 -16.55	85.14 4.93 -16.99	60.74 4.13 -0.02
ELLENBURG_WT_PWR 323604	34.12 -1.27 0.00	32.29 -1.38 0.00	31.05 -1.57 0.00	29.12 -1.50 0.00	28.25 -1.46 0.00	27.54 -1.45 0.00	26.14 -1.52 0.00	28.17 -1.51 0.00	31.54 -1.56 0.00	37.68 -1.90 0.00	44.15 -1.65 0.00	47.59 -1.88 0.00	52.87 -1.86 0.00	54.45 -1.92 0.00	54.49 -2.33 0.00	61.84 -2.51 0.00	73.36 -3.54 0.00	89.80 -4.53 0.00	97.99 -4.62 0.00	89.07 -3.71 0.00	78.22 -2.84 0.00	69.39 -2.14 0.00	61.45 -1.77 0.00	55.00 -1.58 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.48 -1.34 -0.43	32.81 -1.14 -0.29	31.28 -1.34 0.00	29.33 -1.29 0.00	28.23 -1.63 -0.15	27.69 -1.51 -0.21	26.52 -1.13 0.00	28.17 -1.51 0.00	31.54 -1.56 0.00	38.04 -1.54 0.00	43.50 -2.29 0.01	47.44 -2.03 0.00	51.86 -2.52 0.36	54.11 -2.25 0.00	54.66 -2.16 0.00	62.68 -1.67 0.00	74.98 -1.92 0.00	92.72 -1.60 0.00	101.07 -1.54 0.00	91.67 -1.11 0.00	80.57 -0.49 0.00	71.11 -0.43 0.00	64.05 0.82 0.00	57.49 0.91 0.00
EMPIRE_CC_1 323656	40.91 1.70 -3.83	37.90 1.72 -2.51	34.28 1.66 0.00	32.15 1.53 0.00	32.25 1.54 -1.00	31.86 1.51 -1.36	29.07 1.41 0.00	31.08 1.40 0.00	34.69 1.59 0.00	41.44 1.86 0.00	47.49 1.70 0.00	51.10 1.63 0.00	56.37 1.64 0.00	58.00 1.64 0.00	58.75 1.93 0.00	66.41 2.06 0.00	79.98 3.08 0.00	98.00 3.68 0.00	107.88 3.80 -1.47	106.72 3.06 -10.88	101.43 2.35 -18.02	80.03 2.08 -6.41	64.81 1.58 0.00	57.89 1.30 0.00
EMPIRE_CC_2 323658	40.91 1.70 -3.83	37.90 1.72 -2.51	34.28 1.66 0.00	32.15 1.53 0.00	32.25 1.54 -1.00	31.86 1.51 -1.36	29.07 1.41 0.00	31.08 1.40 0.00	34.69 1.59 0.00	41.44 1.86 0.00	47.49 1.70 0.00	51.10 1.63 0.00	56.37 1.64 0.00	58.00 1.64 0.00	58.75 1.93 0.00	66.41 2.06 0.00	79.98 3.08 0.00	98.00 3.68 0.00	107.88 3.80 -1.47	106.72 3.06 -10.88	101.43 2.35 -18.02	80.03 2.08 -6.41	64.81 1.58 0.00	57.89 1.30 0.00
ENORWICH_115KV_TB1 80156	38.55 2.05 -1.11	36.32 1.92 -0.73	34.48 1.86 0.00	32.42 1.81 0.00	31.78 1.78 -0.29	31.15 1.77 -0.40	29.32 1.66 0.00	31.40 1.72 0.00	35.05 1.95 0.00	41.92 2.34 0.00	48.14 2.34 0.00	52.24 2.77 0.00	58.09 3.28 -0.07	59.75 3.38 0.00	60.40 3.58 0.00	68.99 4.63 0.00	83.98 7.07 0.00	104.23 9.90 0.00	114.68 11.70 -0.37	106.84 11.32 -2.74	95.89 10.29 -4.54	81.59 8.44 -1.61	69.93 6.70 0.00	61.96 5.38 0.00
ERIE_ST__34_KV_TB1-2 80199	34.61 -1.24 -0.46	32.89 -1.08 -0.30	31.31 -1.30 0.00	29.36 -1.26 0.00	27.91 -1.96 -0.16	27.40 -1.80 -0.22	26.52 -1.13 0.00	28.17 -1.51 0.00	31.61 -1.49 0.00	38.08 -1.50 0.00	43.54 -2.24 0.01	47.49 -1.98 0.00	51.96 -2.41 0.36	54.23 -2.14 0.00	54.89 -1.93 0.00	63.07 -1.29 0.00	75.59 -1.31 0.00	93.57 -0.75 0.00	101.99 -0.62 0.00	92.50 -0.28 0.00	81.30 0.24 0.00	71.68 0.14 0.00	64.36 1.14 0.00	57.72 1.13 0.00
ERIE_WT_PWR 323693	34.56 -1.27 -0.45	32.86 -1.11 -0.29	31.31 -1.31 0.00	29.36 -1.26 0.00	28.29 -1.58 -0.16	27.84 -1.36 -0.21	26.58 -1.08 0.00	28.20 -1.48 0.00	31.58 -1.52 0.00	38.04 -1.54 0.00	43.54 -2.24 0.01	47.44 -2.03 0.00	51.81 -2.52 0.41	53.78 -2.59 0.00	54.72 -2.10 0.00	62.81 -1.55 0.00	75.21 -1.69 0.00	93.10 -1.23 0.00	101.68 -0.93 0.00	92.14 -0.64 0.00	80.98 -0.08 0.00	71.39 -0.14 0.00	63.79 0.57 0.00	57.83 1.24 0.00
ESPRGFLD_115KV_TB1 80157	44.31 2.41 -6.52	40.20 2.26 -4.27	34.70 2.09 0.00	32.57 1.96 0.00	31.67 1.90 -0.06	30.95 1.88 -0.08	29.48 1.83 0.00	31.52 1.84 0.00	35.22 2.12 0.00	42.19 2.61 0.00	48.55 2.75 0.00	52.49 3.02 0.00	58.13 3.39 0.00	59.81 3.44 0.00	60.40 3.58 0.00	68.54 4.18 0.00	82.75 5.84 0.00	101.97 7.64 0.00	115.57 9.23 -3.72	129.26 8.91 -27.57	134.92 8.19 -45.67	94.59 6.80 -16.26	68.66 5.44 0.00	60.94 4.36 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.81 0.78 -0.64	34.87 0.77 -0.42	33.37 0.75 0.00	31.32 0.70 0.00	30.51 0.59 -0.21	29.88 0.61 -0.29	28.38 0.72 0.00	30.43 0.74 0.00	33.93 0.83 0.00	40.61 1.03 0.00	46.63 0.82 0.00	50.51 1.04 0.00	56.06 1.20 -0.12	57.72 1.35 0.00	58.35 1.53 0.00	66.22 1.87 0.00	79.90 3.00 0.00	98.57 4.24 0.00	107.61 4.82 -0.18	98.95 4.82 -1.34	87.66 4.38 -2.22	75.90 3.58 -0.79	66.01 2.78 0.00	58.79 2.21 0.00
ETNA____115KV_TB2 80207	36.81 0.78 -0.64	34.87 0.77 -0.42	33.37 0.75 0.00	31.32 0.70 0.00	30.51 0.59 -0.21	29.88 0.61 -0.29	28.38 0.72 0.00	30.43 0.74 0.00	33.93 0.83 0.00	40.61 1.03 0.00	46.63 0.82 0.00	50.51 1.04 0.00	56.06 1.20 -0.12	57.72 1.35 0.00	58.35 1.53 0.00	66.22 1.87 0.00	79.90 3.00 0.00	98.57 4.24 0.00	107.61 4.82 -0.18	98.95 4.82 -1.34	87.66 4.38 -2.22	75.90 3.58 -0.79	66.01 2.78 0.00	58.79 2.21 0.00
EUCLID__115KV_TB2 356179	35.07 -0.32 0.00	33.40 -0.27 0.00	32.45 -0.16 0.00	30.43 -0.18 0.00	29.58 -0.21 -0.08	28.92 -0.17 -0.11	27.55 -0.11 0.00	29.56 -0.12 0.00	32.97 -0.13 0.00	39.46 -0.12 0.00	45.52 -0.27 0.00	49.32 -0.15 0.00	54.57 -0.16 0.00	56.31 -0.06 0.00	56.82 0.00 0.00	64.35 0.00 0.00	77.36 0.46 0.00	95.08 0.75 0.00	103.33 0.72 0.00	93.52 0.74 0.00	81.71 0.65 0.00	71.96 0.43 0.00	63.41 0.19 0.00	56.59 0.00 0.00
E_CANADA_CAP_HY 24051	46.57 3.01 -8.18	41.83 2.79 -5.36	35.23 2.61 0.00	33.03 2.42 0.00	33.34 2.44 -1.19	32.98 2.38 -1.62	29.84 2.18 0.00	31.82 2.14 0.00	35.55 2.45 0.00	42.43 2.85 0.00	48.77 2.98 0.00	52.64 3.17 0.00	58.13 3.39 0.00	59.64 3.27 0.00	60.29 3.47 0.00	68.48 4.12 0.00	82.82 5.92 0.00	102.34 8.01 0.00	117.68 10.26 -4.81	138.81 10.39 -35.64	149.73 9.64 -59.03	100.70 8.15 -21.01	69.80 6.58 0.00	62.02 5.43 0.00
E_CANADA_MHWK_HY 24050	35.81 0.43 0.00	34.04 0.37 0.00	32.98 0.36 0.00	30.95 0.34 0.00	30.10 0.39 0.00	29.33 0.35 0.00	27.96 0.30 0.00	30.01 0.33 0.00	33.46 0.36 0.00	40.06 0.48 0.00	46.26 0.46 0.00	49.96 0.49 0.00	55.34 0.60 0.00	56.87 0.51 0.00	57.45 0.63 0.00	65.13 0.78 0.00	78.13 1.23 0.00	96.03 1.70 0.00	104.55 1.94 0.00	94.64 1.85 0.00	82.76 1.70 0.00	72.89 1.36 0.00	64.23 1.01 0.00	57.38 0.79 0.00
E_FISHKILL__LBMP 23776	40.55 2.65 -2.50	37.84 2.53 -1.64	34.97 2.35 0.00	32.76 2.14 0.00	32.73 2.11 -0.91	32.29 2.06 -1.24	29.79 2.13 0.00	32.00 2.32 0.00	35.68 2.58 0.00	42.79 3.21 0.00	49.14 3.34 0.00	52.93 3.46 0.00	58.45 3.72 0.00	60.20 3.83 0.00	60.97 4.15 0.00	68.73 4.38 0.00	83.05 6.15 0.00	101.78 7.45 0.00	111.11 7.90 -0.60	103.79 6.59 -4.42	93.65 5.27 -7.32	78.36 4.22 -2.61	66.45 3.22 0.00	59.13 2.55 0.00
FALCON__SEABRD_CC1 323796	34.47 -0.92 0.00	32.63 -1.04 0.00	31.34 -1.27 0.00	29.36 -1.26 0.00	28.49 -1.22 0.00	27.74 -1.25 0.00	26.33 -1.33 0.00	28.41 -1.28 0.00	31.77 -1.32 0.00	37.96 -1.62 0.00	44.56 -1.23 0.00	47.69 -1.78 0.00	52.82 -1.92 0.00	54.06 -2.31 0.00	53.81 -3.01 0.00	61.08 -3.28 0.00	72.52 -4.38 0.00	88.67 -5.66 0.00	96.65 -5.95 0.00	87.95 -4.83 0.00	77.41 -3.65 0.00	68.60 -2.94 0.00	60.76 -2.47 0.00	54.32 -2.27 0.00
FALCON__SEABRD_CC2 323797	34.47 -0.92 0.00	32.63 -1.04 0.00	31.34 -1.27 0.00	29.36 -1.26 0.00	28.49 -1.22 0.00	27.74 -1.25 0.00	26.33 -1.33 0.00	28.41 -1.28 0.00	31.77 -1.32 0.00	37.96 -1.62 0.00	44.56 -1.23 0.00	47.69 -1.78 0.00	52.82 -1.92 0.00	54.06 -2.31 0.00	53.81 -3.01 0.00	61.08 -3.28 0.00	72.52 -4.38 0.00	88.67 -5.66 0.00	96.65 -5.95 0.00	87.95 -4.83 0.00	77.41 -3.65 0.00	68.60 -2.94 0.00	60.76 -2.47 0.00	54.32 -2.27 0.00

FAR ROCKAWAY___4 23548	42.22 4.35 -2.48	39.34 4.04 -1.62	36.14 3.52 0.00	33.80 3.18 0.00	33.70 3.09 -0.90	33.17 2.96 -1.23	30.78 3.13 0.00	33.22 3.53 0.00	37.10 4.01 0.00	44.73 5.15 0.00	54.65 5.54 -3.31	58.53 5.89 -3.17	61.37 6.40 -0.24	64.64 6.65 -1.62	73.47 7.16 -9.49	110.93 7.85 -38.72	160.98 10.54 -73.54	139.06 12.73 -32.00	116.85 13.65 -0.59	112.21 11.88 -7.56	98.02 9.65 -7.32	114.76 8.08 -35.14	108.09 6.64 -38.22	62.24 5.60 -0.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.19 3.33 -2.48	38.43 3.13 -1.62	35.49 2.87 0.00	33.25 2.63 0.00	33.17 2.56 -0.90	32.74 2.52 -1.23	30.31 2.66 0.00	32.59 2.91 0.00	36.38 3.28 0.00	43.70 4.12 0.00	50.24 4.44 0.00	54.12 4.65 0.00	59.66 4.93 0.00	61.39 5.02 0.00	62.22 5.40 0.00	70.02 5.66 0.00	84.82 7.92 0.00	103.76 9.43 0.00	113.36 10.16 -0.59	105.79 8.63 -4.38	95.29 6.97 -7.26	79.63 5.51 -2.58	67.46 4.24 0.00	60.10 3.51 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.19 3.33 -2.48	38.43 3.13 -1.62	35.49 2.87 0.00	33.28 2.66 0.00	33.20 2.58 -0.90	32.74 2.52 -1.23	30.31 2.66 0.00	32.62 2.94 0.00	36.38 3.28 0.00	43.70 4.12 0.00	50.29 4.49 0.00	54.17 4.70 0.00	59.66 4.93 0.00	61.39 5.02 0.00	62.22 5.40 0.00	70.02 5.66 0.00	84.90 8.00 0.00	103.85 9.53 0.00	113.36 10.16 -0.59	105.79 8.63 -4.38	95.29 6.97 -7.26	79.63 5.51 -2.58	67.46 4.24 0.00	60.10 3.51 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.16 3.29 -2.48	38.40 3.10 -1.62	35.46 2.84 0.00	33.25 2.63 0.00	33.17 2.56 -0.90	32.71 2.49 -1.23	30.28 2.63 0.00	32.59 2.91 0.00	36.34 3.24 0.00	43.66 4.08 0.00	50.24 4.44 0.00	54.12 4.65 0.00	59.60 4.87 0.00	61.33 4.96 0.00	62.16 5.34 0.00	69.89 5.53 0.00	84.74 7.84 0.00	103.67 9.34 0.00	113.26 10.06 -0.59	105.70 8.54 -4.38	95.13 6.81 -7.26	79.56 5.44 -2.58	67.40 4.17 0.00	60.04 3.45 0.00
FARRAGUT___LBMP 323566	41.16 3.29 -2.48	38.40 3.10 -1.62	35.42 2.81 0.00	33.22 2.60 0.00	33.14 2.53 -0.90	32.71 2.49 -1.23	30.26 2.60 0.00	32.56 2.88 0.00	36.31 3.21 0.00	43.62 4.04 0.00	50.20 4.40 0.00	54.07 4.60 0.00	59.55 4.82 0.00	61.27 4.90 0.00	62.10 5.28 0.00	69.83 5.47 0.00	84.67 7.77 0.00	103.57 9.24 0.00	113.15 9.95 -0.59	105.61 8.44 -4.38	95.04 6.73 -7.26	79.41 5.29 -2.58	67.33 4.11 0.00	59.98 3.40 0.00
FENNER___WINDPWR 24204	36.52 0.81 -0.32	34.66 0.78 -0.21	33.37 0.75 0.00	31.32 0.70 0.00	30.51 0.68 -0.11	29.84 0.69 -0.16	28.32 0.66 0.00	30.37 0.68 0.00	33.86 0.76 0.00	40.53 0.95 0.00	46.71 0.92 0.00	50.61 1.14 0.00	56.10 1.37 0.00	57.72 1.35 0.00	58.35 1.53 0.00	66.28 1.93 0.00	79.82 2.92 0.00	98.29 3.96 0.00	107.12 4.51 0.00	97.14 4.36 0.00	84.95 3.89 0.00	74.68 3.14 0.00	65.63 2.40 0.00	58.62 2.03 0.00
FIBERTEK___ENERGY 23856	35.49 0.11 0.00	33.77 0.10 0.00	32.81 0.20 0.00	30.77 0.15 0.00	29.93 0.12 -0.10	29.23 0.12 -0.13	27.88 0.22 0.00	29.95 0.27 0.00	33.43 0.33 0.00	40.02 0.44 0.00	46.16 0.37 0.00	50.01 0.54 0.00	55.39 0.66 0.00	57.16 0.79 0.00	57.67 0.85 0.00	65.32 0.97 0.00	78.52 1.61 0.00	96.59 2.26 0.00	104.87 2.26 0.00	95.01 2.23 0.00	83.00 1.95 0.00	73.04 1.50 0.00	64.36 1.14 0.00	57.44 0.85 0.00
FITZPATRICK___ 23598	34.47 -0.92 0.00	32.83 -0.84 0.00	31.90 -0.72 0.00	29.94 -0.67 0.00	29.09 -0.68 -0.06	28.40 -0.67 -0.08	27.08 -0.58 0.00	29.06 -0.62 0.00	32.30 -0.79 0.00	38.71 -0.87 0.00	44.66 -1.14 0.00	48.33 -1.14 0.00	53.48 -1.26 0.00	55.07 -1.29 0.00	55.57 -1.25 0.00	63.00 -1.35 0.00	75.59 -1.31 0.00	92.81 -1.51 0.00	100.96 -1.65 0.00	91.39 -1.39 0.00	79.85 -1.21 0.00	70.39 -1.15 0.00	62.09 -1.14 0.00	55.57 -1.02 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.94 3.04 -2.51	38.21 2.90 -1.64	35.26 2.64 0.00	32.97 2.36 0.00	32.90 2.29 -0.90	32.45 2.23 -1.23	29.95 2.30 0.00	32.15 2.46 0.00	35.88 2.78 0.00	42.98 3.40 0.00	49.46 3.66 0.00	53.43 3.96 0.00	59.00 4.27 0.00	60.99 4.62 0.00	61.88 5.06 0.00	70.15 5.79 0.00	84.90 8.00 0.00	104.14 9.81 0.00	113.68 10.47 -0.61	106.30 9.00 -4.52	95.83 7.30 -7.48	79.99 5.79 -2.66	67.71 4.49 0.00	60.10 3.51 0.00
FORT ORANGE___ 23900	42.73 1.70 -5.64	39.02 1.65 -3.70	34.22 1.60 0.00	32.11 1.50 0.00	32.19 1.46 -1.02	31.80 1.42 -1.40	28.93 1.27 0.00	30.99 1.30 0.00	34.52 1.42 0.00	41.24 1.66 0.00	47.31 1.51 0.00	50.61 1.14 0.00	55.83 1.09 0.00	57.38 1.02 0.00	58.18 1.36 0.00	65.96 1.61 0.00	79.43 2.53 0.00	97.54 3.21 0.00	108.69 3.28 -2.80	116.22 2.69 -20.75	117.61 2.19 -34.36	85.62 1.86 -12.23	64.68 1.46 0.00	57.72 1.13 0.00
FORT_DRUM_COGEN 23780	36.59 1.20 0.00	34.72 1.04 0.00	33.63 1.01 0.00	31.59 0.98 0.00	30.80 1.04 -0.05	29.98 0.93 -0.07	28.29 0.64 0.00	30.34 0.65 0.00	33.76 0.66 0.00	40.25 0.67 0.00	46.53 0.73 0.00	50.46 0.99 0.00	56.05 1.31 0.00	57.67 1.30 0.00	58.01 1.19 0.00	66.03 1.67 0.00	79.67 2.77 0.00	98.57 4.24 0.00	108.46 5.85 0.00	99.09 6.31 0.00	87.22 6.16 0.00	76.83 5.29 0.00	67.27 4.05 0.00	59.76 3.17 0.00
FOX_HILLS___ESR 323835	41.41 3.54 -2.49	38.67 3.37 -1.63	35.72 3.10 -0.01	33.50 2.88 -0.01	33.41 2.79 -0.91	32.95 2.72 -1.24	30.54 2.88 -0.01	32.81 3.12 -0.01	36.58 3.48 -0.01	43.94 4.35 -0.01	50.43 4.63 -0.01	54.22 4.75 -0.01	54.55 4.93 5.10	56.40 4.96 4.93	57.06 5.23 4.99	61.44 5.21 8.13	68.73 7.46 15.63	74.66 8.87 28.53	81.70 9.44 30.35	67.27 7.98 33.49	57.36 6.40 30.11	79.13 5.01 -2.59	56.03 3.86 11.05	54.58 3.40 5.40
FPL_FAR_ROCK_GT1 24212	42.23 4.35 -2.49	39.34 4.04 -1.62	36.11 3.49 0.00	33.80 3.18 0.00	33.79 3.18 -0.90	33.20 2.99 -1.23	30.75 3.10 0.00	33.21 3.53 0.00	37.20 4.10 0.00	44.73 5.14 -0.01	54.61 5.49 -3.32	58.53 5.88 -3.17	61.26 6.29 -0.24	64.30 6.31 -1.62	73.24 6.93 -9.49	110.93 7.85 -38.73	160.98 10.54 -73.54	139.06 12.73 -32.00	116.85 13.65 -0.59	112.22 11.88 -7.56	98.10 9.72 -7.32	114.76 8.08 -35.14	107.77 6.32 -38.22	62.76 6.11 -0.06
FPL_FAR_ROCK_GT2 23815	42.23 4.35 -2.49	39.34 4.04 -1.62	36.11 3.49 0.00	33.80 3.18 0.00	33.79 3.18 -0.90	33.20 2.99 -1.23	30.75 3.10 0.00	33.21 3.53 0.00	37.20 4.10 0.00	44.73 5.14 -0.01	54.61 5.49 -3.32	58.53 5.88 -3.17	61.26 6.29 -0.24	64.30 6.31 -1.62	73.24 6.93 -9.49	110.93 7.85 -38.73	160.98 10.54 -73.54	139.06 12.73 -32.00	116.85 13.65 -0.59	112.22 11.88 -7.56	98.10 9.72 -7.32	114.76 8.08 -35.14	107.77 6.32 -38.22	62.76 6.11 -0.06
FRANKLIN_FALL_HYD 24054	34.68 -0.71 0.00	32.83 -0.84 0.00	31.64 -0.98 0.00	29.67 -0.95 0.00	28.76 -0.95 0.00	27.94 -1.04 0.00	26.50 -1.16 0.00	28.58 -1.10 0.00	31.94 -1.16 0.00	38.16 -1.42 0.00	44.75 -1.05 0.00	48.23 -1.24 0.00	53.53 -1.20 0.00	55.02 -1.35 0.00	55.40 -1.42 0.00	63.00 -1.35 0.00	74.52 -2.38 0.00	90.93 -3.40 0.00	99.22 -3.39 0.00	90.46 -2.32 0.00	79.84 -1.22 0.00	70.96 -0.57 0.00	62.72 -0.51 0.00	56.25 -0.34 0.00

FREEPORT_EQUS_GT1 23764	41.94 4.07 -2.49	39.07 3.77 -1.62	35.88 3.26 0.00	33.58 2.97 0.00	33.55 2.94 -0.90	32.97 2.76 -1.23	30.56 2.90 0.00	33.01 3.32 0.00	36.97 3.87 0.00	44.42 4.83 -0.01	54.15 5.04 -3.31	58.00 5.39 -3.14	60.52 5.69 -0.10	62.37 5.36 -0.65	66.16 5.91 -3.43	84.94 6.63 -13.96	112.18 8.76 -26.52	116.53 10.66 -11.54	114.49 11.29 -0.59	108.04 9.74 -5.52	96.12 7.78 -7.27	92.79 6.94 -14.32	83.66 5.31 -15.12	61.87 5.26 -0.02
FREEPORT___CT2 23818	41.94 4.07 -2.49	39.07 3.77 -1.62	35.88 3.26 0.00	33.58 2.97 0.00	33.55 2.94 -0.90	32.97 2.76 -1.23	30.56 2.90 0.00	33.01 3.32 0.00	36.97 3.87 0.00	44.42 4.83 -0.01	54.15 5.04 -3.31	58.00 5.39 -3.14	60.52 5.69 -0.10	62.37 5.36 -0.65	66.16 5.91 -3.43	84.94 6.63 -13.96	112.18 8.76 -26.52	116.53 10.66 -11.54	114.49 11.29 -0.59	108.04 9.74 -5.52	96.12 7.78 -7.27	92.79 6.94 -14.32	83.66 5.31 -15.12	61.87 5.26 -0.02
FRESHKLS_33_KV_LOAD 356253	41.52 3.64 -2.49	38.77 3.47 -1.63	35.82 3.20 -0.01	33.59 2.97 -0.01	33.50 2.88 -0.91	33.06 2.84 -1.24	30.62 2.96 -0.01	32.90 3.21 -0.01	36.68 3.57 -0.01	44.02 4.43 -0.01	50.48 4.67 -0.01	54.18 4.70 -0.01	54.55 4.93 5.10	56.40 4.96 4.93	57.06 5.23 4.99	61.44 5.21 8.13	68.81 7.54 15.63	74.76 8.96 28.53	81.80 9.54 30.35	67.36 8.07 33.49	57.44 6.48 30.11	57.31 5.01 19.23	56.03 3.86 11.05	54.58 3.40 5.40
FULTON COGEN____ 23766	34.89 -0.50 0.00	33.20 -0.47 0.00	32.29 -0.33 0.00	30.28 -0.34 0.00	29.43 -0.36 -0.08	28.77 -0.32 -0.10	27.41 -0.25 0.00	29.42 -0.27 0.00	32.80 -0.30 0.00	39.22 -0.36 0.00	45.25 -0.55 0.00	49.02 -0.45 0.00	54.29 -0.44 0.00	55.97 -0.39 0.00	56.42 -0.40 0.00	63.84 -0.51 0.00	76.75 -0.15 0.00	94.33 0.00 0.00	102.61 0.00 0.00	92.97 0.19 0.00	81.22 0.16 0.00	71.46 -0.07 0.00	63.03 -0.19 0.00	56.30 -0.28 0.00
FULTON___LFGE 323630	47.23 2.97 -8.87	42.28 2.79 -5.81	35.23 2.61 0.00	33.03 2.42 0.00	33.28 2.44 -1.13	32.91 2.38 -1.55	29.87 2.21 0.00	31.88 2.20 0.00	35.65 2.55 0.00	42.51 2.93 0.00	48.91 3.12 0.00	52.78 3.31 0.00	58.29 3.56 0.00	59.86 3.50 0.00	60.51 3.69 0.00	68.79 4.44 0.00	83.13 6.23 0.00	102.72 8.39 0.00	118.44 10.57 -5.26	142.06 10.30 -38.99	155.11 9.48 -64.57	102.53 8.01 -22.98	69.68 6.45 0.00	61.97 5.38 0.00
G.F.CEMENT___DRP 24184	46.82 2.37 -9.06	41.90 2.29 -5.94	34.70 2.09 0.00	32.54 1.93 0.00	32.67 1.90 -1.05	32.31 1.88 -1.44	29.51 1.85 0.00	31.58 1.90 0.00	35.35 2.25 0.00	42.35 2.77 0.00	48.41 2.61 0.00	52.29 2.82 0.00	57.80 3.07 0.00	59.41 3.04 0.00	60.17 3.35 0.00	68.22 3.86 0.00	82.98 6.08 0.00	102.16 7.83 0.00	117.28 9.34 -5.33	140.52 8.26 -39.48	153.67 7.21 -65.39	100.96 6.15 -23.28	67.97 4.74 0.00	60.27 3.68 0.00
GARDENVILLE___LBMP 24039	34.40 -1.45 -0.46	32.70 -1.28 -0.30	31.15 -1.47 0.00	29.21 -1.41 0.00	28.09 -1.78 -0.16	27.58 -1.62 -0.22	26.41 -1.24 0.00	28.05 -1.63 0.00	31.41 -1.69 0.00	37.84 -1.74 0.00	43.30 -2.47 0.03	47.24 -2.23 0.00	51.06 -2.85 0.83	53.78 -2.59 0.00	54.43 -2.39 0.00	62.42 -1.93 0.00	74.75 -2.15 0.00	92.44 -1.89 0.00	100.99 -1.74 -0.13	92.60 -1.11 -0.93	82.11 -0.49 -1.54	71.65 -0.43 -0.55	63.98 0.76 0.00	57.44 0.85 0.00
GARDNVLA_35_KV_LD 355827	34.60 -1.24 -0.45	32.92 -1.04 -0.30	31.35 -1.27 0.00	29.39 -1.22 0.00	28.23 -1.63 -0.16	27.69 -1.51 -0.21	26.58 -1.08 0.00	28.23 -1.45 0.00	31.64 -1.46 0.00	38.16 -1.42 0.00	43.54 -2.24 0.01	47.49 -1.98 0.00	51.99 -2.35 0.39	54.28 -2.09 0.00	54.94 -1.88 0.00	63.00 -1.35 0.00	75.44 -1.46 0.00	93.29 -1.04 0.00	101.79 -0.82 0.00	92.32 -0.46 0.00	81.14 0.08 0.00	71.61 0.07 0.00	64.43 1.20 0.00	57.83 1.24 0.00
GELCKHM___115KV_LOAD 80723	35.21 -0.18 0.00	33.54 -0.13 0.00	32.55 -0.07 0.00	30.55 -0.06 0.00	29.71 -0.09 -0.09	29.02 -0.09 -0.12	27.66 0.00 0.00	29.68 0.00 0.00	33.13 0.03 0.00	39.66 0.08 0.00	45.75 -0.05 0.00	49.57 0.10 0.00	54.90 0.16 0.00	56.59 0.23 0.00	57.10 0.28 0.00	64.74 0.39 0.00	77.75 0.85 0.00	95.55 1.23 0.00	103.84 1.23 0.00	93.99 1.21 0.00	82.19 1.13 0.00	72.32 0.79 0.00	63.73 0.51 0.00	56.87 0.28 0.00
GENERAL___MILLS 23808	34.56 -1.27 -0.45	32.86 -1.11 -0.29	31.31 -1.30 0.00	29.36 -1.26 0.00	28.17 -1.69 -0.16	27.66 -1.54 -0.21	26.52 -1.13 0.00	28.20 -1.48 0.00	31.58 -1.52 0.00	38.08 -1.50 0.00	43.50 -2.29 0.01	47.44 -2.03 0.00	51.86 -2.46 0.41	54.17 -2.20 0.00	54.77 -2.05 0.00	62.81 -1.54 0.00	75.21 -1.69 0.00	93.10 -1.23 0.00	101.48 -1.13 0.00	92.13 -0.65 0.00	80.98 -0.08 0.00	71.39 -0.14 0.00	64.30 1.07 0.00	57.66 1.08 0.00
GE_PLASTICS___DRP 24183	41.86 1.49 -4.99	38.39 1.45 -3.27	34.02 1.40 0.00	31.93 1.32 0.00	32.01 1.28 -1.02	31.63 1.25 -1.39	28.82 1.16 0.00	30.87 1.19 0.00	34.39 1.29 0.00	41.16 1.58 0.00	47.26 1.47 0.00	50.90 1.43 0.00	56.21 1.48 0.00	57.89 1.52 0.00	58.64 1.82 0.00	66.22 1.87 0.00	79.67 2.77 0.00	97.63 3.30 0.00	108.41 3.49 -2.31	112.79 2.88 -17.13	111.78 2.35 -28.37	83.64 2.00 -10.10	64.68 1.45 0.00	57.61 1.02 0.00
GILBOA___1 23756	38.98 1.52 -2.08	36.51 1.48 -1.36	33.99 1.37 0.00	31.99 1.38 0.00	31.91 1.37 -0.84	31.46 1.33 -1.14	28.87 1.22 0.00	30.99 1.30 0.00	34.59 1.49 0.00	41.36 1.78 0.00	47.54 1.74 0.00	51.30 1.83 0.00	56.65 1.91 0.00	58.23 1.86 0.00	58.98 2.16 0.00	66.80 2.44 0.00	80.05 3.15 0.00	97.82 3.49 0.00	106.68 3.69 -0.38	98.64 3.06 -2.80	88.46 2.76 -4.64	75.62 2.43 -1.65	65.25 2.02 0.00	58.34 1.76 0.00
GILBOA___2 23757	38.98 1.52 -2.08	36.51 1.48 -1.36	33.99 1.37 0.00	31.99 1.38 0.00	31.91 1.37 -0.84	31.46 1.33 -1.14	28.87 1.22 0.00	30.99 1.30 0.00	34.59 1.49 0.00	41.36 1.78 0.00	47.54 1.74 0.00	51.30 1.83 0.00	56.65 1.91 0.00	58.23 1.86 0.00	58.98 2.16 0.00	66.80 2.44 0.00	80.05 3.15 0.00	97.82 3.49 0.00	106.68 3.69 -0.38	98.64 3.06 -2.80	88.46 2.76 -4.64	75.62 2.43 -1.65	65.25 2.02 0.00	58.34 1.76 0.00
GILBOA___3 23758	38.98 1.52 -2.08	36.51 1.48 -1.36	33.99 1.37 0.00	31.99 1.38 0.00	31.91 1.37 -0.84	31.46 1.33 -1.14	28.87 1.22 0.00	30.99 1.30 0.00	34.59 1.49 0.00	41.36 1.78 0.00	47.54 1.74 0.00	51.30 1.83 0.00	56.65 1.91 0.00	58.23 1.86 0.00	58.98 2.16 0.00	66.80 2.44 0.00	80.05 3.15 0.00	97.82 3.49 0.00	106.68 3.69 -0.38	98.64 3.06 -2.80	88.46 2.76 -4.64	75.62 2.43 -1.65	65.25 2.02 0.00	58.34 1.76 0.00
GILBOA___4 23759	38.98 1.52 -2.08	36.51 1.48 -1.36	33.99 1.37 0.00	31.99 1.38 0.00	31.91 1.37 -0.84	31.46 1.33 -1.14	28.87 1.22 0.00	30.99 1.30 0.00	34.59 1.49 0.00	41.36 1.78 0.00	47.54 1.74 0.00	51.30 1.83 0.00	56.65 1.91 0.00	58.23 1.86 0.00	58.98 2.16 0.00	66.80 2.44 0.00	80.05 3.15 0.00	97.82 3.49 0.00	106.68 3.69 -0.38	98.64 3.06 -2.80	88.46 2.76 -4.64	75.62 2.43 -1.65	65.25 2.02 0.00	58.34 1.76 0.00

GILBOA____ 23599	38.98 1.52 -2.08	36.51 1.48 -1.36	33.99 1.37 0.00	31.99 1.38 0.00	31.88 1.34 -0.84	31.43 1.30 -1.14	28.87 1.22 0.00	30.99 1.31 0.00	34.56 1.46 0.00	41.36 1.78 0.00	47.58 1.79 0.00	51.30 1.83 0.00	56.70 1.97 0.00	58.40 2.03 0.00	59.09 2.27 0.00	66.80 2.45 0.00	80.05 3.15 0.00	97.82 3.49 0.00	106.68 3.69 -0.38	98.65 3.06 -2.80	88.46 2.76 -4.64	75.62 2.43 -1.65	65.18 1.96 0.00	58.06 1.47 0.00
GINNA____ 23603	33.97 -1.73 -0.31	32.26 -1.62 -0.20	31.02 -1.60 0.00	29.09 -1.53 0.00	28.16 -1.66 -0.11	27.49 -1.65 -0.15	26.25 -1.41 0.00	28.11 -1.57 0.00	31.45 -1.65 0.00	38.04 -1.54 0.00	43.74 -2.06 0.00	47.59 -1.88 0.00	52.82 -1.92 0.00	54.34 -2.03 0.00	54.95 -1.87 0.00	62.55 -1.80 0.00	75.28 -1.62 0.00	92.81 -1.51 0.00	101.17 -1.44 0.00	91.39 -1.39 0.00	80.17 -0.89 0.00	70.53 -1.00 0.00	62.28 -0.95 0.00	55.91 -0.68 0.00
GLEN PARK____ 23778	36.80 1.42 0.00	34.92 1.25 0.00	33.82 1.21 0.00	31.78 1.16 0.00	30.98 1.22 -0.05	30.19 1.13 -0.07	28.46 0.80 0.00	30.48 0.80 0.00	33.89 0.79 0.00	40.45 0.87 0.00	46.76 0.96 0.00	50.71 1.24 0.00	56.37 1.64 0.00	57.89 1.52 0.00	58.29 1.47 0.00	66.35 2.00 0.00	80.21 3.30 0.00	99.32 5.00 0.00	109.48 6.88 0.00	100.02 7.24 0.00	88.11 7.05 0.00	77.61 6.08 0.00	67.78 4.55 0.00	60.15 3.57 0.00
GLENDALE_27_KV_LOAD 356172	41.44 3.57 -2.48	38.70 3.40 -1.62	35.72 3.10 -0.01	33.50 2.88 -0.01	33.40 2.79 -0.90	32.94 2.72 -1.23	30.51 2.85 -0.01	32.84 3.15 -0.01	36.62 3.51 -0.01	44.02 4.43 -0.01	50.61 4.81 0.00	54.51 5.05 0.00	59.99 5.25 0.00	61.67 5.30 0.00	62.39 5.57 0.00	70.01 5.66 0.01	77.17 8.00 7.73	86.88 9.53 16.98	91.93 10.26 20.94	77.87 8.72 23.63	71.98 7.05 16.13	70.25 5.58 6.86	67.51 4.30 0.01	60.32 3.73 0.00
GLENWOOD_IC_1_G5 23712	41.51 3.64 -2.48	38.73 3.43 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.28 2.67 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.74 3.06 0.00	36.54 3.44 0.00	43.97 4.39 0.00	53.87 4.76 -3.31	57.64 5.05 -3.13	60.22 5.42 -0.07	62.39 5.58 -0.44	64.94 5.80 -2.32	79.78 5.99 -9.44	103.14 8.31 -17.94	112.14 10.00 -7.81	113.87 10.67 -0.59	107.02 9.09 -5.15	95.54 7.21 -7.27	87.92 5.87 -10.52	77.98 4.55 -10.20	60.39 3.79 -0.01
GLENWOOD_IC_2_G1 23688	41.27 3.40 -2.49	38.50 3.20 -1.62	35.45 2.84 0.00	33.22 2.60 0.00	33.23 2.62 -0.90	32.71 2.49 -1.23	30.26 2.60 0.00	32.56 2.88 0.00	36.48 3.38 0.00	43.70 4.12 -0.01	53.46 4.35 -3.31	57.24 4.65 -3.12	59.64 4.87 -0.04	61.32 4.74 -0.22	63.22 5.22 -1.18	74.92 5.79 -4.77	93.97 8.00 -9.07	107.90 9.63 -3.95	113.46 10.26 -0.59	106.27 8.72 -4.77	95.29 6.97 -7.26	83.85 5.72 -6.59	72.56 4.36 -4.97	60.77 4.19 0.00
GLENWOOD_IC_3_G1 23689	41.27 3.40 -2.49	38.50 3.20 -1.62	35.45 2.84 0.00	33.22 2.60 0.00	33.23 2.62 -0.90	32.71 2.49 -1.23	30.26 2.60 0.00	32.56 2.88 0.00	36.48 3.38 0.00	43.70 4.12 -0.01	53.46 4.35 -3.31	57.24 4.65 -3.12	59.64 4.87 -0.04	61.32 4.74 -0.22	63.22 5.22 -1.18	74.92 5.79 -4.77	93.97 8.00 -9.07	107.90 9.63 -3.95	113.46 10.26 -0.59	106.27 8.72 -4.77	95.29 6.97 -7.26	83.85 5.72 -6.59	72.56 4.36 -4.97	60.77 4.19 0.00
GLENWOOD____4 23550	41.51 3.64 -2.48	38.73 3.43 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.28 2.67 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.74 3.06 0.00	36.54 3.44 0.00	43.97 4.39 0.00	53.87 4.76 -3.31	57.64 5.05 -3.13	60.22 5.42 -0.07	62.39 5.58 -0.44	64.99 5.85 -2.32	79.97 6.18 -9.44	103.30 8.46 -17.94	112.32 10.19 -7.81	114.08 10.88 -0.59	107.21 9.28 -5.15	95.70 7.38 -7.27	88.13 6.08 -10.52	78.17 4.74 -10.20	60.50 3.90 -0.01
GLENWOOD____5 23614	41.51 3.64 -2.48	38.73 3.43 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.28 2.67 -0.90	32.79 2.58 -1.23	30.40 2.74 0.00	32.74 3.06 0.00	36.54 3.44 0.00	43.97 4.39 0.00	53.87 4.76 -3.31	57.64 5.05 -3.13	60.22 5.42 -0.07	62.39 5.58 -0.44	64.99 5.85 -2.32	79.97 6.18 -9.44	103.30 8.46 -17.94	112.32 10.19 -7.81	114.08 10.88 -0.59	107.21 9.28 -5.15	95.70 7.38 -7.27	88.13 6.08 -10.52	78.17 4.74 -10.20	60.50 3.90 -0.01
GLOBAL GREEN_PORT_GT1 23814	42.58 4.71 -2.49	39.47 4.17 -1.62	36.04 3.42 0.00	33.74 3.12 0.00	33.73 3.12 -0.90	33.06 2.84 -1.23	30.73 3.07 0.00	33.33 3.65 0.00	37.47 4.37 0.00	45.37 5.78 -0.01	55.15 6.04 -3.31	59.46 6.87 -3.12	62.64 7.88 -0.02	64.20 7.72 -0.11	65.65 8.30 -0.54	75.92 9.46 -2.10	93.92 13.00 -4.02	136.70 15.95 -26.43	135.50 16.52 -16.37	111.62 14.28 -4.56	98.66 11.19 -6.41	85.29 9.44 -4.31	72.37 7.33 -1.81	64.45 7.86 0.00
GLOBE____DSASP 323697	34.03 -1.77 -0.41	32.46 -1.48 -0.27	30.92 -1.70 0.00	29.05 -1.56 0.00	28.10 -1.75 -0.14	27.56 -1.62 -0.20	26.22 -1.44 0.00	27.69 -1.99 0.00	30.85 -2.25 0.00	37.17 -2.41 0.00	43.18 -2.61 0.01	47.14 -2.32 0.00	50.58 -3.83 0.32	52.70 -3.66 0.00	53.24 -3.58 0.00	60.88 -3.48 0.00	72.67 -4.23 0.00	89.71 -4.62 0.00	97.68 -4.93 0.00	88.61 -4.18 0.00	77.90 -3.16 0.00	68.67 -2.86 0.00	62.28 -0.95 0.00	56.19 -0.40 0.00
GOETHSLN____LBMP 323567	40.98 3.11 -2.48	38.23 2.93 -1.62	35.26 2.64 0.00	33.06 2.45 0.00	32.99 2.38 -0.90	32.53 2.32 -1.23	30.12 2.46 0.00	32.41 2.73 0.00	36.14 3.05 0.00	43.46 3.88 0.00	50.01 4.21 0.00	53.72 4.25 0.00	54.11 4.49 5.11	55.94 4.51 4.94	56.71 4.89 5.00	61.24 5.02 8.14	68.49 7.23 15.64	74.37 8.58 28.54	81.49 9.23 30.36	67.08 7.79 33.50	57.10 6.16 30.12	57.09 4.79 19.24	55.77 3.60 11.06	54.18 3.00 5.41
GOLAH____69_KV_TB 1_2 80279	35.26 -0.46 -0.33	33.55 -0.34 -0.21	32.23 -0.39 0.00	30.25 -0.37 0.00	29.35 -0.48 -0.12	28.65 -0.49 -0.16	27.27 -0.39 0.00	29.03 -0.65 0.00	32.44 -0.66 0.00	39.11 -0.47 0.00	44.93 -0.87 0.00	48.92 -0.54 0.00	53.97 -0.77 0.00	55.81 -0.56 0.00	56.37 -0.45 0.00	64.42 0.06 0.00	77.44 0.54 0.00	95.55 1.23 0.00	104.35 1.74 0.00	94.54 1.76 0.00	83.00 1.95 0.00	73.18 1.65 0.00	65.25 2.02 0.00	58.34 1.75 0.00
GOODYEAR_LAKE_HYD 323669	40.67 1.91 -3.37	37.67 1.78 -2.21	34.28 1.66 0.00	32.21 1.59 0.00	31.57 1.54 -0.31	30.94 1.54 -0.42	29.15 1.49 0.00	31.26 1.57 0.00	34.95 1.85 0.00	41.88 2.30 0.00	48.23 2.43 0.00	52.14 2.67 0.00	57.74 3.01 0.00	59.47 3.10 0.00	60.06 3.24 0.00	68.15 3.80 0.00	82.05 5.15 0.00	100.84 6.51 0.00	111.56 7.29 -1.66	111.76 6.68 -12.30	107.43 6.00 -20.37	83.72 4.94 -7.25	67.14 3.92 0.00	59.64 3.06 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.77 0.46 -0.93	34.78 0.51 -0.61	33.04 0.42 0.00	31.01 0.40 0.00	30.25 0.24 -0.30	29.65 0.26 -0.41	28.10 0.44 0.00	30.10 0.42 0.00	33.63 0.53 0.00	40.29 0.71 0.00	46.21 0.41 0.00	50.11 0.64 0.00	55.39 0.66 0.00	57.21 0.85 0.00	57.84 1.02 0.00	65.58 1.22 0.00	78.90 2.00 0.00	97.06 2.74 0.00	105.84 2.98 -0.26	97.46 2.78 -1.90	86.80 2.59 -3.14	74.73 2.07 -1.12	64.99 1.77 0.00	57.95 1.36 0.00

GOUDEY___7 23579	36.77 0.46 -0.93	34.78 0.51 -0.61	33.04 0.42 0.00	31.01 0.40 0.00	30.25 0.24 -0.30	29.65 0.26 -0.41	28.10 0.44 0.00	30.10 0.42 0.00	33.63 0.53 0.00	40.29 0.71 0.00	46.21 0.41 0.00	50.11 0.64 0.00	55.39 0.66 0.00	57.21 0.85 0.00	57.84 1.02 0.00	65.58 1.22 0.00	78.90 2.00 0.00	97.06 2.74 0.00	105.84 2.98 -0.26	97.46 2.78 -1.90	86.80 2.59 -3.14	74.73 2.07 -1.12	64.99 1.77 0.00	57.95 1.36 0.00
GOUDEY___8 23580	36.77 0.46 -0.93	34.78 0.51 -0.61	33.04 0.42 0.00	31.01 0.40 0.00	30.25 0.24 -0.30	29.65 0.26 -0.41	28.10 0.44 0.00	30.10 0.42 0.00	33.63 0.53 0.00	40.29 0.71 0.00	46.21 0.41 0.00	50.11 0.64 0.00	55.39 0.66 0.00	57.21 0.85 0.00	57.84 1.02 0.00	65.58 1.22 0.00	78.90 2.00 0.00	97.06 2.74 0.00	105.84 2.98 -0.26	97.46 2.78 -1.90	86.80 2.59 -3.14	74.73 2.07 -1.12	64.99 1.77 0.00	57.95 1.36 0.00
GOWANUS_GT1_1 24077	41.48 3.61 -2.49	38.74 3.43 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.44 2.82 -0.91	32.98 2.75 -1.24	30.57 2.90 -0.01	32.87 3.18 -0.01	36.65 3.54 -0.01	44.02 4.43 -0.01	50.62 4.81 -0.01	54.47 5.00 -0.01	59.99 5.20 -0.06	61.68 5.30 -0.01	62.40 5.57 -0.01	69.90 5.53 -0.01	104.72 7.77 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.40 4.17 -0.01	60.33 3.73 -0.01
GOWANUS_GT1_2 24078	41.48 3.61 -2.49	38.74 3.43 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.44 2.82 -0.91	32.98 2.75 -1.24	30.57 2.90 -0.01	32.87 3.18 -0.01	36.65 3.54 -0.01	44.02 4.43 -0.01	50.62 4.81 -0.01	54.47 5.00 -0.01	59.99 5.20 -0.06	61.68 5.30 -0.01	62.40 5.57 -0.01	69.90 5.53 -0.01	104.72 7.77 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.40 4.17 -0.01	60.33 3.73 -0.01
GOWANUS_GT1_3 24079	41.48 3.61 -2.49	38.74 3.43 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.44 2.82 -0.91	32.98 2.75 -1.24	30.57 2.90 -0.01	32.87 3.18 -0.01	36.65 3.54 -0.01	44.02 4.43 -0.01	50.62 4.81 -0.01	54.47 5.00 -0.01	59.99 5.20 -0.06	61.68 5.30 -0.01	62.40 5.57 -0.01	69.90 5.53 -0.01	104.72 7.77 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.40 4.17 -0.01	60.33 3.73 -0.01
GOWANUS_GT1_4 24080	41.48 3.61 -2.49	38.74 3.43 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.44 2.82 -0.91	32.98 2.75 -1.24	30.57 2.90 -0.01	32.87 3.18 -0.01	36.65 3.54 -0.01	44.02 4.43 -0.01	50.62 4.81 -0.01	54.47 5.00 -0.01	59.99 5.20 -0.06	61.68 5.30 -0.01	62.40 5.57 -0.01	69.90 5.53 -0.01	104.72 7.77 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.40 4.17 -0.01	60.33 3.73 -0.01
GOWANUS_GT1_5 24084	41.48 3.61 -2.49	38.74 3.43 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.44 2.82 -0.91	32.98 2.75 -1.24	30.57 2.90 -0.01	32.87 3.18 -0.01	36.65 3.54 -0.01	44.02 4.43 -0.01	50.62 4.81 -0.01	54.47 5.00 -0.01	59.99 5.20 -0.06	61.68 5.30 -0.01	62.40 5.57 -0.01	69.90 5.53 -0.01	104.72 7.77 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.40 4.17 -0.01	60.33 3.73 -0.01
GOWANUS_GT1_6 24111	41.48 3.61 -2.49	38.74 3.43 -1.63																						

GOWANUS_GT2_6 24119	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
GOWANUS_GT2_7 24120	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
GOWANUS_GT2_8 24121	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
GOWANUS_GT3_1 24122	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
GOWANUS_GT3_2 24123	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
GOWANUS_GT3_3 24124	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
GOWANUS_GT3_4 24125	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
GOWANUS_GT3_5 24126																								

GOWANUS_GT4_5 24134	41.48 3.61 -2.49	38.74 3.43 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.44 2.82 -0.91	32.98 2.75 -1.24	30.57 2.90 -0.01	32.87 3.18 -0.01	36.65 3.54 -0.01	44.02 4.43 -0.01	50.62 4.81 -0.01	54.47 5.00 -0.01	59.99 5.20 -0.06	61.68 5.30 -0.01	62.40 5.57 -0.01	69.90 5.53 -0.01	104.72 7.77 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.40 4.17 -0.01	60.33 3.73 -0.01
GOWANUS_GT4_6 24135	41.48 3.61 -2.49	38.74 3.43 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.44 2.82 -0.91	32.98 2.75 -1.24	30.57 2.90 -0.01	32.87 3.18 -0.01	36.65 3.54 -0.01	44.02 4.43 -0.01	50.62 4.81 -0.01	54.47 5.00 -0.01	59.99 5.20 -0.06	61.68 5.30 -0.01	62.40 5.57 -0.01	69.90 5.53 -0.01	104.72 7.77 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.40 4.17 -0.01	60.33 3.73 -0.01
GOWANUS_GT4_7 24136	41.48 3.61 -2.49	38.74 3.43 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.44 2.82 -0.91	32.98 2.75 -1.24	30.57 2.90 -0.01	32.87 3.18 -0.01	36.65 3.54 -0.01	44.02 4.43 -0.01	50.62 4.81 -0.01	54.47 5.00 -0.01	59.99 5.20 -0.06	61.68 5.30 -0.01	62.40 5.57 -0.01	69.90 5.53 -0.01	104.72 7.77 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.40 4.17 -0.01	60.33 3.73 -0.01
GOWANUS_GT4_8 24137	41.48 3.61 -2.49	38.74 3.43 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.44 2.82 -0.91	32.98 2.75 -1.24	30.57 2.90 -0.01	32.87 3.18 -0.01	36.65 3.54 -0.01	44.02 4.43 -0.01	50.62 4.81 -0.01	54.47 5.00 -0.01	59.99 5.20 -0.06	61.68 5.30 -0.01	62.40 5.57 -0.01	69.90 5.53 -0.01	104.72 7.77 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.40 4.17 -0.01	60.33 3.73 -0.01
GREATVRV_69_KV_BK1 356245	42.50 4.64 -2.48	39.54 4.24 -1.62	36.24 3.62 0.00	33.92 3.31 0.00	33.82 3.21 -0.90	33.23 3.01 -1.23	30.89 3.24 0.00	33.39 3.71 0.00	37.27 4.17 0.00	44.96 5.38 0.00	55.06 5.95 -3.31	58.92 6.33 -3.12	61.71 6.95 -0.03	63.55 7.05 -0.14	64.73 7.22 -0.70	74.86 7.72 -2.78	92.64 10.46 -5.28	126.43 12.45 -19.65	127.53 13.24 -11.68	108.99 11.60 -4.61	96.44 9.24 -6.14	84.23 7.80 -4.89	72.19 6.26 -2.71	62.31 5.72 -0.01
GREENBSH_115KV_TB3 55895	42.73 1.56 -5.78	38.98 1.52 -3.79	34.09 1.47 0.00	31.99 1.38 0.00	32.07 1.34 -1.03	31.69 1.30 -1.40	28.82 1.16 0.00	30.87 1.19 0.00	34.36 1.26 0.00	41.12 1.54 0.00	47.22 1.42 0.00	50.75 1.29 0.00	55.99 1.26 0.00	57.72 1.35 0.00	58.41 1.59 0.00	65.96 1.61 0.00	79.44 2.54 0.00	97.35 3.02 0.00	108.59 3.08 -2.90	116.77 2.51 -21.49	118.67 2.03 -35.59	85.92 1.72 -12.67	64.36 1.14 0.00	57.32 0.74 0.00
GREENDGE_115KV_TB5 80291	36.07 0.14 -0.54	34.23 0.20 -0.36	32.75 0.13 0.00	30.68 0.06 0.00	29.78 -0.12 -0.19	29.18 -0.06 -0.25	27.85 0.19 0.00	29.80 0.12 0.00	33.26 0.17 0.00	39.94 0.36 0.00	45.41 -0.41 -0.02	49.37 -0.10 0.00	55.23 -0.11 -0.61	56.54 0.17 0.00	57.16 0.34 0.00	65.00 0.64 0.00	78.44 1.54 0.00	95.65 1.32 0.00	104.50 1.74 -0.15	96.01 2.13 -1.10	85.63 2.76 -1.81	74.83 2.65 -0.65	65.50 2.28 0.00	58.34 1.75 0.00
GREENIDGE___3 23582	36.07 0.14 -0.54	34.23 0.20 -0.36	32.75 0.13 0.00	30.68 0.06 0.00	29.78 -0.12 -0.19	29.18 -0.06 -0.25	27.85 0.19 0.00	29.80 0.12 0.00	33.26 0.17 0.00	39.94 0.36 0.00	45.41 -0.41 -0.02	49.37 -0.10 0.00	55.23 -0.11 -0.61	56.54 0.17 0.00	57.16 0.34 0.00	65.00 0.64 0.00	78.44 1.54 0.00	95.65 1.32 0.00	104.50 1.74 -0.15	96.01 2.13 -1.10	85.63 2.76 -1.81	74.83 2.65 -0.65	65.50 2.28 0.00	58.34 1.75 0.00
GREENIDGE___4 23583	36.07 0.14 -0.54	34.20 0.17 -0.36	32.75 0.13 0.00	30.68 0.06 0.00	29.81 -0.09 -0.19	29.24 0.00 -0.25	27.88 0.22 0.00	29.80 0.12 0.00	33.27 0.17 0.00	39.90 0.32 0.00	45.40 -0.41 -0.02	49.37 -0.10 0.00	55.23 -0.11 -0.61	56.31 -0.06 0.00	57.11 0.29 0.00	65.00 0.64 0.00	78.44 1.54 0.00	95.65 1.32 0.00	104.61 1.85 -0.15	96.01 2.14 -1.10	85.63 2.76 -1.81	74.83 2.65 -0.65	65.25 2.02 0.00	58.45 1.86 0.00
GREENLWN_69_KV_BK 3 55738	41.55 3.68 -2.48	38.70 3.40 -1.62	35.49 2.87 0.00	33.22 2.60 0.00	33.14 2.53 -0.90	32.59 2.38 -1.23	30.26 2.60 0.00	32.71 3.03 0.00	36.51 3.41 0.00	43.97 4.39 0.00	53.78 4.67 -3.31	57.38 4.80 -3.12	59.63 4.87 -0.02	61.22 4.73 -0.12	62.42 5.00 -0.60	72.16 5.21 -2.60	89.09 7.38 -4.80	78.93 9.15 24.55	95.74 9.54 16.41	105.42 8.07 -4.56	90.55 6.08 -3.41	80.92 4.86 -4.52	68.38 3.86 -1.30	59.86 3.28 0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.48 3.61 -2.49	38.74 3.43 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.44 2.82 -0.91	32.98 2.75 -1.24	30.57 2.90 -0.01	32.87 3.18 -0.01	36.65 3.54 -0.01	44.02 4.43 -0.01	50.62 4.81 -0.01	54.47 5.00 -0.01	59.99 5.20 -0.06	61.68 5.30 -0.01	62.40 5.57 -0.01	69.90 5.53 -0.01	104.72 7.77 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.40 4.17 -0.01	60.33 3.73 -0.01
GRISSOM___SOLAR 323813	47.22 2.83 -9.00	42.23 2.66 -5.90	35.10 2.48 0.00	32.91 2.30 0.00	33.12 2.29 -1.12	32.78 2.26 -1.53	29.76 2.10 0.00	31.79 2.11 0.00	35.55 2.45 0.00	42.43 2.85 0.00	48.77 2.98 0.00	52.68 3.21 0.00	58.18 3.45 0.00	59.75 3.38 0.00	60.46 3.64 0.00	68.67 4.31 0.00	82.90 6.00 0.00	102.44 8.11 0.00	117.91 9.95 -5.35	141.94 9.56 -39.60	155.49 8.84 -65.59	102.32 7.44 -23.35	69.23 6.01 0.00	61.57 4.98 0.00
GROVEVILLE___HYD 323602	40.94 3.04 -2.51	38.21 2.90 -1.64	35.26 2.64 0.00	32.97 2.36 0.00	32.90 2.29 -0.90	32.45 2.23 -1.23	29.95 2.30 0.00	32.15 2.46 0.00	35.88 2.78 0.00	42.98 3.40 0.00	49.46 3.66 0.00	53.43 3.96 0.00	59.00 4.27 0.00	60.99 4.62 0.00	61.88 5.06 0.00	70.15 5.79 0.00	84.90 8.00 0.00	104.14 9.81 0.00	113.68 10.47 -0.61	106.30 9.00 -4.52	95.83 7.30 -7.48	79.99 5.79 -2.66	67.71 4.49 0.00	60.10 3.51 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.49 0.11 0.00	33.77 0.10 0.00	32.81 0.20 0.00	30.77 0.15 0.00	29.93 0.12 -0.10	29.23 0.12 -0.13	27.88 0.22 0.00	29.95 0.27 0.00	33.43 0.33 0.00	40.02 0.44 0.00	46.16 0.37 0.00	50.01 0.54 0.00	55.39 0.66 0.00	57.16 0.79 0.00	57.67 0.85 0.00	65.32 0.97 0.00	78.52 1.61 0.00	96.59 2.26 0.00	104.87 2.26 0.00	95.01 2.23 0.00	83.00 1.95 0.00	73.04 1.50 0.00	64.36 1.14 0.00	57.44 0.85 0.00
HAMLTNNY_34_KV_TB 80303	35.82 0.14 -0.29	34.03 0.17 -0.19	32.85 0.23 0.00	30.80 0.18 0.00	29.93 0.12 -0.10	29.27 0.14 -0.14	27.91 0.25 0.00	29.95 0.27 0.00	33.43 0.33 0.00	40.09 0.51 0.00	46.21 0.41 0.00	50.11 0.64 0.00	55.55 0.82 0.00	57.33 0.96 0.00	57.84 1.02 0.00	65.51 1.16 0.00	78.82 1.92 0.00	96.97 2.64 0.00	105.38 2.77 0.00	95.47 2.69 0.00	83.49 2.43 0.00	73.47 1.93 0.00	64.74 1.52 0.00	57.78 1.19 0.00

HAMPSHIRE___PAPER_HYD 323593	35.60 0.21 0.00	33.77 0.10 0.00	32.68 0.07 0.00	30.68 0.06 0.00	29.77 0.03 -0.03	28.96 -0.06 -0.04	27.38 -0.28 0.00	29.42 -0.27 0.00	32.77 -0.33 0.00	39.06 -0.52 0.00	45.43 -0.37 0.00	49.02 -0.45 0.00	54.51 -0.22 0.00	56.14 -0.22 0.00	56.36 -0.46 0.00	64.10 -0.26 0.00	76.06 -0.84 0.00	93.48 -0.85 0.00	102.40 -0.20 0.00	93.34 0.56 0.00	82.03 0.98 0.00	73.11 1.57 0.00	64.36 1.14 0.00	57.32 0.73 0.00
HARDSCRABBLE_WT_PWR 323673	35.85 0.46 0.00	34.11 0.44 0.00	33.01 0.39 0.00	31.01 0.40 0.00	30.13 0.42 0.00	29.39 0.41 0.00	27.99 0.33 0.00	30.04 0.36 0.00	33.53 0.43 0.00	40.13 0.55 0.00	46.35 0.55 0.00	50.06 0.60 0.00	55.44 0.71 0.00	56.99 0.62 0.00	57.56 0.74 0.00	65.26 0.90 0.00	78.29 1.39 0.00	96.12 1.79 0.00	104.77 2.16 0.00	94.73 1.95 0.00	82.84 1.78 0.00	72.97 1.43 0.00	64.30 1.07 0.00	57.44 0.85 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.68 2.90 -2.39	38.00 2.76 -1.57	35.13 2.51 0.00	32.88 2.27 0.00	32.78 2.20 -0.87	32.32 2.14 -1.19	29.87 2.21 0.00	32.09 2.40 0.00	35.81 2.71 0.00	42.91 3.32 0.00	49.28 3.48 0.00	53.18 3.71 0.00	58.78 4.05 0.00	60.71 4.34 0.00	61.59 4.77 0.00	69.76 5.41 0.00	84.44 7.54 0.00	103.48 9.15 0.00	112.93 9.75 -0.57	105.26 8.26 -4.22	94.69 6.65 -6.99	79.24 5.22 -2.49	67.21 3.98 0.00	59.70 3.11 0.00
HARSNRAD_115KV_TB1 81005	34.27 -1.52 -0.41	32.63 -1.31 -0.27	31.12 -1.50 0.00	29.18 -1.44 0.00	28.19 -1.66 -0.14	27.61 -1.57 -0.19	26.39 -1.27 0.00	27.99 -1.69 0.00	31.34 -1.75 0.00	37.80 -1.78 0.00	43.54 -2.24 0.01	47.54 -1.93 0.00	51.43 -2.96 0.35	53.38 -2.99 0.00	53.92 -2.90 0.00	61.78 -2.57 0.00	73.82 -3.08 0.00	91.31 -3.02 0.00	99.43 -3.18 0.00	90.37 -2.41 0.00	79.44 -1.62 0.00	70.10 -1.43 0.00	63.29 0.06 0.00	56.87 0.28 0.00
HARZA MOOSE___RIVER 24016	36.17 0.78 0.00	34.35 0.67 0.00	33.27 0.65 0.00	31.26 0.64 0.00	30.40 0.65 -0.03	29.64 0.61 -0.05	28.13 0.47 0.00	30.19 0.50 0.00	33.66 0.56 0.00	40.17 0.59 0.00	46.44 0.64 0.00	50.26 0.79 0.00	55.77 1.04 0.00	57.38 1.01 0.00	57.84 1.02 0.00	65.77 1.42 0.00	79.13 2.23 0.00	97.53 3.21 0.00	106.71 4.10 0.00	96.86 4.08 0.00	84.95 3.89 0.00	74.83 3.29 0.00	65.69 2.47 0.00	58.45 1.87 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.25 -0.14 0.00	33.57 -0.10 0.00	32.58 -0.03 0.00	30.58 -0.03 0.00	29.71 -0.09 -0.09	29.05 -0.06 -0.12	27.69 0.03 0.00	29.71 0.03 0.00	33.17 0.07 0.00	39.70 0.12 0.00	45.75 -0.05 0.00	49.62 0.15 0.00	54.90 0.16 0.00	56.65 0.28 0.00	57.22 0.40 0.00	64.81 0.45 0.00	77.82 0.92 0.00	95.74 1.41 0.00	104.05 1.44 0.00	94.17 1.39 0.00	82.27 1.22 0.00	72.39 0.86 0.00	63.86 0.63 0.00	56.93 0.34 0.00
HELLGATE_13_KV_LD 55870	41.48 3.61 -2.48	38.73 3.43 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.44 2.82 -0.90	32.97 2.75 -1.23	30.54 2.88 -0.01	32.87 3.18 -0.01	36.65 3.54 -0.01	44.06 4.47 -0.01	50.66 4.85 0.00	54.52 5.05 0.00	59.99 5.25 0.00	61.67 5.30 0.00	62.33 5.51 0.00	69.88 5.53 0.01	78.72 7.84 6.03	90.42 9.34 13.24	98.86 10.06 13.81	86.97 8.54 14.35	79.40 6.89 8.55	73.17 5.37 3.73	67.33 4.11 0.01	60.27 3.68 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.48 3.61 -2.48	38.73 3.43 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.44 2.82 -0.90	32.97 2.75 -1.23	30.54 2.88 -0.01	32.87 3.18 -0.01	36.65 3.54 -0.01	44.06 4.47 -0.01	50.66 4.85 0.00	54.52 5.05 0.00	59.99 5.25 0.00	61.67 5.30 0.00	62.33 5.51 0.00	69.88 5.53 0.01	78.72 7.84 6.03	90.42 9.34 13.24	98.86 10.06 13.81	86.97 8.54 14.35	79.40 6.89 8.55	73.17 5.37 3.73	67.33 4.11 0.01	60.27 3.68 0.00
HEMPSTEAD___ 23647	41.55 3.68 -2.49	38.73 3.44 -1.62	35.59 2.97 0.00	33.34 2.72 0.00	33.31 2.70 -0.90	32.77 2.55 -1.23	30.34 2.68 0.00	32.74 3.06 0.00	36.68 3.58 0.00	44.02 4.43 -0.01	53.74 4.62 -3.31	57.50 4.90 -3.13	59.95 5.14 -0.08	61.84 4.96 -0.51	64.87 5.46 -2.59	80.96 6.05 -10.56	105.27 8.31 -20.06	113.06 9.99 -8.73	113.87 10.67 -0.59	107.12 9.10 -5.24	95.54 7.21 -7.27	89.00 6.01 -11.46	79.63 4.55 -11.85	61.13 4.53 -0.01
HICKLING___1 23621	36.16 0.07 -0.70	34.27 0.13 -0.46	32.65 0.03 0.00	30.61 0.00 0.00	29.65 -0.30 -0.24	29.08 -0.23 -0.32	27.80 0.14 0.00	29.68 0.00 0.00	33.17 0.07 0.00	39.82 0.24 0.00	45.49 -0.32 -0.01	49.47 0.00 0.00	54.85 -0.11 -0.23	56.54 0.17 0.00	57.22 0.40 0.00	65.06 0.71 0.00	78.36 1.46 0.00	96.59 2.26 0.00	105.47 2.67 -0.19	97.15 2.97 -1.40	86.38 3.00 -2.32	74.79 2.43 -0.83	65.50 2.28 0.00	58.40 1.81 0.00
HICKLING___2 23622	36.16 0.07 -0.70	34.27 0.13 -0.46	32.65 0.03 0.00	30.61 0.00 0.00	29.65 -0.30 -0.24	29.08 -0.23 -0.32	27.80 0.14 0.00	29.68 0.00 0.00	33.17 0.07 0.00	39.82 0.24 0.00	45.49 -0.32 -0.01	49.47 0.00 0.00	54.85 -0.11 -0.23	56.54 0.17 0.00	57.22 0.40 0.00	65.06 0.71 0.00	78.36 1.46 0.00	96.59 2.26 0.00	105.47 2.67 -0.19	97.15 2.97 -1.40	86.38 3.00 -2.32	74.79 2.43 -0.83	65.50 2.28 0.00	58.40 1.81 0.00
HIGH FALLS___HY 23754	41.24 3.08 -2.78	38.39 2.90 -1.82	35.16 2.54 0.00	32.88 2.27 0.00	32.84 2.23 -0.90	32.39 2.17 -1.23	29.90 2.24 0.00	32.09 2.40 0.00	35.81 2.71 0.00	42.91 3.32 0.00	49.32 3.53 0.00	53.33 3.86 0.00	58.95 4.21 0.00	60.93 4.57 0.00	61.82 5.00 0.00	70.21 5.86 0.00	85.13 8.23 0.00	104.61 10.28 0.00	114.61 11.18 -0.81	108.46 9.65 -6.03	98.99 7.94 -9.99	81.31 6.22 -3.56	67.90 4.68 0.00	60.21 3.62 0.00
HIGH_RIVER___SOLAR 323847	46.89 2.05 -9.45	41.82 1.95 -6.20	34.44 1.83 0.00	32.30 1.68 0.00	32.49 1.69 -1.09	32.12 1.65 -1.48	29.21 1.55 0.00	31.20 1.51 0.00	34.75 1.65 0.00	41.36 1.78 0.00	47.49 1.70 0.00	51.20 1.73 0.00	56.54 1.80 0.00	58.12 1.75 0.00	58.81 1.99 0.00	66.61 2.25 0.00	80.28 3.38 0.00	99.14 4.81 0.00	114.62 6.36 -5.65	140.81 6.22 -41.81	155.98 5.67 -69.25	101.05 4.87 -24.65	67.08 3.86 0.00	59.87 3.28 0.00
HILLBURN___GT 23639	40.74 2.94 -2.41	38.05 2.79 -1.58	35.16 2.55 0.00	32.94 2.33 0.00	32.91 2.32 -0.88	32.44 2.26 -1.20	29.95 2.29 0.00	32.18 2.49 0.00	36.01 2.91 0.00	43.06 3.48 0.00	49.37 3.57 0.00	53.28 3.81 0.00	58.73 3.99 0.00	60.31 3.94 0.00	61.25 4.43 0.00	69.44 5.08 0.00	83.97 7.07 0.00	102.91 8.58 0.00	112.31 9.13 -0.57	104.73 7.70 -4.25	94.26 6.16 -7.04	78.91 4.87 -2.51	67.02 3.79 0.00	59.98 3.39 0.00
HILLSIDE_115KV_TB1 80332	35.87 -0.25 -0.73	33.98 -0.17 -0.48	32.36 -0.26 0.00	30.34 -0.28 0.00	29.42 -0.53 -0.24	28.86 -0.46 -0.33	27.55 -0.11 0.00	29.42 -0.27 0.00	32.87 -0.23 0.00	39.42 -0.16 0.00	45.03 -0.78 -0.01	48.92 -0.54 0.00	54.14 -0.77 -0.18	55.86 -0.51 0.00	56.54 -0.28 0.00	64.29 -0.06 0.00	77.36 0.46 0.00	95.18 0.85 0.00	103.83 1.03 -0.20	95.63 1.39 -1.45	84.93 1.46 -2.41	73.54 1.14 -0.86	64.36 1.14 0.00	57.44 0.85 0.00

HISHELDN_WT_PWR 323625	34.08 -1.80 -0.50	32.42 -1.58 -0.32	30.89 -1.73 0.00	28.96 -1.65 0.00	28.01 -1.87 -0.17	27.57 -1.65 -0.23	26.28 -1.38 0.00	27.84 -1.84 0.00	31.05 -2.05 0.00	37.33 -2.25 0.00	42.73 -3.02 0.04	46.60 -2.87 0.00	49.79 -3.56 1.38	52.76 -3.61 0.00	53.81 -3.01 0.00	61.65 -2.70 0.00	73.98 -2.92 0.00	91.50 -2.83 0.00	100.28 -2.46 -0.13	92.19 -1.58 -0.99	81.97 -0.73 -1.64	71.40 -0.72 -0.58	63.10 -0.13 0.00	57.10 0.51 0.00
HOLTSVILLE_IC_1 23690	41.87 4.00 -2.49	38.97 3.67 -1.62	35.68 3.07 0.00	33.43 2.81 0.00	33.43 2.82 -0.90	32.82 2.61 -1.23	30.48 2.82 0.00	32.95 3.27 0.00	36.84 3.74 0.00	44.26 4.67 -0.01	53.92 4.81 -3.31	57.78 5.19 -3.12	60.28 5.53 -0.02	61.61 5.13 -0.11	62.80 5.46 -0.53	72.34 5.92 -2.07	89.08 8.23 -3.95	126.95 9.99 -22.63	127.14 10.57 -13.96	106.43 9.10 -4.56	94.67 7.13 -6.47	81.68 5.87 -4.28	69.26 4.24 -1.80	61.57 4.98 0.00
HOLTSVILLE_IC_10 23699	42.08 4.21 -2.49	39.13 3.84 -1.62	35.85 3.23 0.00	33.55 2.94 0.00	33.55 2.94 -0.90	32.94 2.72 -1.23	30.56 2.90 0.00	33.07 3.38 0.00	36.97 3.87 0.00	44.46 4.87 -0.01	54.19 5.08 -3.31	58.17 5.59 -3.12	60.78 6.02 -0.02	62.12 5.64 -0.12	63.41 6.02 -0.57	73.15 6.57 -2.23	90.23 9.07 -4.26	142.76 10.94 -37.50	137.58 11.59 -23.38	107.38 10.02 -4.58	95.24 7.95 -6.23	82.45 6.51 -4.41	69.90 4.80 -1.88	62.02 5.43 0.00
HOLTSVILLE_IC_2 23691	41.87 4.00 -2.49	38.97 3.67 -1.62	35.68 3.07 0.00	33.43 2.81 0.00	33.43 2.82 -0.90	32.82 2.61 -1.23	30.48 2.82 0.00	32.95 3.27 0.00	36.84 3.74 0.00	44.26 4.67 -0.01	53.92 4.81 -3.31	57.78 5.19 -3.12	60.28 5.53 -0.02	61.61 5.13 -0.11	62.80 5.46 -0.53	72.34 5.92 -2.07	89.08 8.23 -3.95	126.95 9.99 -22.63	127.14 10.57 -13.96	106.43 9.10 -4.56	94.67 7.13 -6.47	81.68 5.87 -4.28	69.26 4.24 -1.80	61.57 4.98 0.00
HOLTSVILLE_IC_3 23692	41.87 4.00 -2.49	38.97 3.67 -1.62	35.68 3.07 0.00	33.43 2.81 0.00	33.43 2.82 -0.90	32.82 2.61 -1.23	30.48 2.82 0.00	32.95 3.27 0.00	36.84 3.74 0.00	44.26 4.67 -0.01	53.92 4.81 -3.31	57.78 5.19 -3.12	60.28 5.53 -0.02	61.61 5.13 -0.11	62.80 5.46 -0.53	72.34 5.92 -2.07	89.08 8.23 -3.95	126.95 9.99 -22.63	127.14 10.57 -13.96	106.43 9.10 -4.56	94.67 7.13 -6.47	81.68 5.87 -4.28	69.26 4.24 -1.80	61.57 4.98 0.00
HOLTSVILLE_IC_4 23693	41.87 4.00 -2.49	38.97 3.67 -1.62	35.68 3.07 0.00	33.43 2.81 0.00	33.43 2.82 -0.90	32.82 2.61 -1.23	30.48 2.82 0.00	32.95 3.27 0.00	36.84 3.74 0.00	44.26 4.67 -0.01	53.92 4.81 -3.31	57.78 5.19 -3.12	60.28 5.53 -0.02	61.61 5.13 -0.11	62.80 5.46 -0.53	72.34 5.92 -2.07	89.08 8.23 -3.95	126.95 9.99 -22.63	127.14 10.57 -13.96	106.43 9.10 -4.56	94.67 7.13 -6.47	81.68 5.87 -4.28	69.26 4.24 -1.80	61.57 4.98 0.00
HOLTSVILLE_IC_5 23694	41.87 4.00 -2.49	38.97 3.67 -1.62	35.68 3.07 0.00	33.43 2.81 0.00	33.43 2.82 -0.90	32.82 2.61 -1.23	30.48 2.82 0.00	32.95 3.27 0.00	36.84 3.74 0.00	44.26 4.67 -0.01	53.92 4.81 -3.31	57.78 5.19 -3.12	60.28 5.53 -0.02	61.61 5.13 -0.11	62.80 5.46 -0.53	72.34 5.92 -2.07	89.08 8.23 -3.95	126.95 9.99 -22.63	127.14 10.57 -13.96	106.43 9.10 -4.56	94.67 7.13 -6.47	81.68 5.87 -4.28	69.26 4.24 -1.80	61.57 4.98 0.00
HOLTSVILLE_IC_6 23695	42.08 4.21 -2.49	39.13 3.84 -1.62	35.85 3.23 0.00	33.55 2.94 0.00	33.55 2.94 -0.90	32.94 2.72 -1.23	30.56 2.90 0.00	33.07 3.38 0.00	36.97 3.87 0.00	44.46 4.87 -0.01	54.19 5.08 -3.31	58.17 5.59 -3.12	60.78 6.02 -0.02	62.12 5.64 -0.12	63.41 6.02 -0.57	73.15 6.57 -2.23	90.23 9.07 -4.26	142.76 10.94 -37.50	137.58 11.59 -23.38	107.38 10.02 -4.58	95.24 7.95 -6.23	82.45 6.51 -4.41	69.90 4.80 -1.88	62.02 5.43 0.00
HOLTSVILLE_IC_7 23696	42.08 4.21 -2.49	39.13 3.84 -1.62	35.85 3.23 0.00	33.55 2.94 0.00	33.55 2.94 -0.90	32.94 2.72 -1.23	30.56 2.90 0.00	33.07 3.38 0.00	36.97 3.87 0.00	44.46 4.87 -0.01	54.19 5.08 -3.31	58.17 5.59 -3.12	60.78 6.02 -0.02	62.12 5.64 -0.12	63.41 6.02 -0.57	73.15 6.57 -2.23	90.23 9.07 -4.26	142.76 10.94 -37.50	137.58 11.59 -23.38	107.38 10.02 -4.58	95.24 7.95 -6.23	82.45 6.51 -4.41	69.90 4.80 -1.88	62.02 5.43 0.00
HOLTSVILLE_IC_8 23697	42.08 4.21 -2.49	39.13 3.84 -1.62	35.85 3.23 0.00	33.55 2.94 0.00	33.55 2.94 -0.90	32.94 2.72 -1.23	30.56 2.90 0.00	33.07 3.38 0.00	36.97 3.87 0.00	44.46 4.87 -0.01	54.19 5.08 -3.31	58.17 5.59 -3.12	60.78 6.02 -0.02	62.12 5.64 -0.12	63.41 6.02 -0.57	73.15 6.57 -2.23	90.23 9.07 -4.26	142.76 10.94 -37.50	137.58 11.59 -23.38	107.38 10.02 -4.58	95.24 7.95 -6.23	82.45 6.51 -4.41	69.90 4.80 -1.88	62.02 5.43 0.00
HOLTSVILLE_IC_9 23698	42.08 4.21 -2.49	39.13 3.84 -1.62	35.85 3.23 0.00	33.55 2.94 0.00	33.55 2.94 -0.90	32.94 2.72 -1.23	30.56 2.90 0.00	33.07 3.38 0.00	36.97 3.87 0.00	44.46 4.87 -0.01	54.19 5.08 -3.31	58.17 5.59 -3.12	60.78 6.02 -0.02	62.12 5.64 -0.12	63.41 6.02 -0.57	73.15 6.57 -2.23	90.23 9.07 -4.26	142.76 10.94 -37.50	137.58 11.59 -23.38	107.38 10.02 -4.58	95.24 7.95 -6.23	82.45 6.51 -4.41	69.90 4.80 -1.88	62.02 5.43 0.00
HOMER_HL_115KV_TB2 355744	34.59 -1.31 -0.51	32.86 -1.14 -0.33	31.28 -1.34 0.00	29.33 -1.29 0.00	27.72 -2.17 -0.18	27.25 -1.97 -0.24	26.55 -1.11 0.00	28.26 -1.42 0.00	31.68 -1.42 0.00	38.12 -1.46 0.00	43.28 -2.52 0.00	47.09 -2.37 0.00	51.81 -2.85 0.07	53.89 -2.48 0.00	54.60 -2.22 0.00	61.91 -2.45 0.00	74.36 -2.54 0.00	91.97 -2.36 0.00	100.39 -2.36 -0.14	92.04 -1.76 -1.02	81.61 -1.13 -1.69	71.13 -1.00 -0.60	63.03 -0.19 0.00	57.10 0.51 0.00
HOWARD_WT_PWR 323690	34.51 -1.45 -0.58	32.70 -1.35 -0.38	31.15 -1.47 0.00	29.24 -1.38 0.00	28.39 -1.51 -0.20	27.89 -1.36 -0.27	26.55 -1.11 0.00	28.23 -1.45 0.00	31.58 -1.52 0.00	38.00 -1.58 0.00	43.46 -2.38 -0.04	47.34 -2.13 0.00	53.55 -2.46 -1.28	54.00 -2.37 0.00	55.00 -1.82 0.00	62.81 -1.55 0.00	75.82 -1.08 0.00	93.95 -0.38 0.00	103.18 0.41 -0.16	95.42 1.48 -1.16	84.92 1.94 -1.92	73.72 1.50 -0.68	64.42 1.20 0.00	57.94 1.36 0.00
HQ_GEN_CEDARS 23644	34.96 -0.42 0.00	33.20 -0.47 0.00	32.10 -0.52 0.00	30.09 -0.52 0.00	29.20 -0.51 0.00	28.41 -0.58 0.00	26.94 -0.72 0.00	28.97 -0.71 0.00	32.30 -0.79 0.00	38.59 -0.99 0.00	45.07 -0.73 0.00	48.63 -0.84 0.00	53.91 -0.82 0.00	55.47 -0.90 0.00	55.74 -1.08 0.00	63.26 -1.09 0.00	73.36 -3.54 0.00	89.61 -4.72 0.00	97.58 -5.03 0.00	88.70 -4.08 0.00	77.98 -3.08 0.00	70.53 -1.00 0.00	62.53 -0.70 0.00	56.25 -0.34 0.00
HQ_GEN_CEDARS_PROXY 323590	34.96 -0.42 0.00	33.20 -0.47 0.00	32.09 -0.52 0.00	30.09 -0.52 0.00	29.18 -0.53 0.00	28.38 -0.61 0.00	26.94 -0.72 0.00	28.97 -0.71 0.00	32.30 -0.79 0.00	38.59 -0.99 0.00	45.25 -0.55 0.00	48.58 -0.89 0.00	54.02 -0.71 0.00	55.75 -0.62 0.00	55.85 -0.97 0.00	63.26 -1.09 0.00	73.36 -3.54 0.00	89.61 -4.71 0.00	97.58 -5.03 0.00	88.70 -4.08 0.00	77.66 -3.08 0.31	70.85 -1.00 -0.31	62.53 -0.69 0.00	55.97 -0.62 0.00

HQ_GEN_IMPORT 323601	34.82 -0.57 0.00	33.10 -0.57 0.00	32.03 -0.59 0.00	30.03 -0.58 0.00	29.18 -0.53 0.00	28.43 -0.55 0.00	27.08 -0.58 0.00	29.09 -0.59 0.00	32.47 -0.63 0.00	38.79 -0.79 0.00	45.20 -0.60 0.00	48.78 -0.69 0.00	54.02 -0.71 0.00	55.75 -0.62 0.00	55.91 -0.91 0.00	63.26 -1.09 0.00	74.98 -1.92 0.00	91.87 -2.45 0.00	99.94 -2.67 0.00	90.47 -2.32 0.00	78.80 -1.95 0.31	70.42 -1.43 -0.31	62.21 -1.01 0.00	55.74 -0.85 0.00
HQ_GEN_WHEEL 23651	34.82 -0.57 0.00	33.10 -0.57 0.00	32.03 -0.59 0.00	30.03 -0.58 0.00	29.18 -0.53 0.00	28.43 -0.55 0.00	27.08 -0.58 0.00	29.09 -0.59 0.00	32.47 -0.63 0.00	38.79 -0.79 0.00	45.20 -0.60 0.00	48.78 -0.69 0.00	54.02 -0.71 0.00	55.75 -0.62 0.00	55.91 -0.91 0.00	63.26 -1.09 0.00	74.98 -1.92 0.00	91.87 -2.45 0.00	99.94 -2.67 0.00	90.47 -2.32 0.00	78.80 -1.95 0.31	70.42 -1.43 -0.31	62.21 -1.01 0.00	55.74 -0.85 0.00
HUDSON AVE_GT_3 23810	41.19 3.33 -2.48	38.43 3.13 -1.62	35.49 2.87 0.00	33.28 2.66 0.00	33.20 2.58 -0.90	32.74 2.52 -1.23	30.31 2.66 0.00	32.62 2.94 0.00	36.38 3.28 0.00	43.70 4.12 0.00	50.29 4.49 0.00	54.17 4.70 0.00	59.71 4.98 0.00	61.39 5.02 0.00	62.22 5.40 0.00	70.02 5.66 0.00	84.90 8.00 0.00	103.85 9.53 0.00	113.46 10.26 -0.59	105.88 8.72 -4.38	95.29 6.97 -7.26	79.63 5.51 -2.58	67.46 4.24 0.00	60.10 3.51 0.00
HUDSON AVE_GT_4 23540	41.19 3.33 -2.48	38.43 3.13 -1.62	35.49 2.87 0.00	33.28 2.66 0.00	33.20 2.58 -0.90	32.74 2.52 -1.23	30.31 2.66 0.00	32.62 2.94 0.00	36.38 3.28 0.00	43.70 4.12 0.00	50.29 4.49 0.00	54.17 4.70 0.00	59.71 4.98 0.00	61.39 5.02 0.00	62.22 5.40 0.00	70.02 5.66 0.00	84.90 8.00 0.00	103.85 9.53 0.00	113.46 10.26 -0.59	105.88 8.72 -4.38	95.29 6.97 -7.26	79.63 5.51 -2.58	67.46 4.24 0.00	60.10 3.51 0.00
HUDSON AVE_GT_5 23657	41.19 3.33 -2.48	38.43 3.13 -1.62	35.49 2.87 0.00	33.28 2.66 0.00	33.20 2.58 -0.90	32.74 2.52 -1.23	30.31 2.66 0.00	32.62 2.94 0.00	36.38 3.28 0.00	43.70 4.12 0.00	50.29 4.49 0.00	54.17 4.70 0.00	59.71 4.98 0.00	61.39 5.02 0.00	62.22 5.40 0.00	70.02 5.66 0.00	84.90 8.00 0.00	103.85 9.53 0.00	113.46 10.26 -0.59	105.88 8.72 -4.38	95.29 6.97 -7.26	79.63 5.51 -2.58	67.46 4.24 0.00	60.10 3.51 0.00
HUDSON_AVE_10 24168	41.12 3.26 -2.48	38.36 3.06 -1.62	35.42 2.81 0.00	33.22 2.60 0.00	33.14 2.53 -0.90	32.68 2.46 -1.23	30.28 2.63 0.00	32.56 2.88 0.00	36.31 3.21 0.00	43.62 4.04 0.00	50.15 4.35 0.00	54.02 4.55 0.00	59.55 4.82 0.00	61.22 4.85 0.00	62.05 5.23 0.00	69.83 5.47 0.00	84.67 7.77 0.00	103.57 9.24 0.00	113.15 9.95 -0.59	105.70 8.54 -4.38	95.13 6.81 -7.26	79.48 5.37 -2.58	67.40 4.17 0.00	60.04 3.45 0.00
HUDSON___115KV_TB 4 355613	42.44 1.98 -5.07	38.91 1.92 -3.32	34.57 1.96 0.00	32.42 1.81 0.00	32.30 1.57 -1.01	31.90 1.54 -1.38	29.21 1.55 0.00	31.20 1.51 0.00	34.69 1.59 0.00	41.48 1.90 0.00	47.63 1.83 0.00	51.10 1.63 0.00	56.43 1.70 0.00	58.23 1.86 0.00	59.09 2.27 0.00	67.12 2.77 0.00	81.05 4.15 0.00	99.70 5.38 0.00	110.64 5.64 -2.39	115.48 5.01 -17.68	114.65 4.30 -29.29	85.47 3.51 -10.43	66.13 2.91 0.00	58.74 2.15 0.00
HUNTER MOUNT___DRP 323613	41.90 1.91 -4.60	38.51 1.82 -3.02	34.64 2.02 0.00	32.45 1.84 0.00	32.13 1.43 -1.00	31.73 1.39 -1.36	29.21 1.55 0.00	31.17 1.48 0.00	34.65 1.56 0.00	41.40 1.82 0.00	47.58 1.79 0.00	51.15 1.68 0.00	56.54 1.81 0.00	58.40 2.03 0.00	59.32 2.50 0.00	67.57 3.22 0.00	81.67 4.77 0.00	100.65 6.32 0.00	110.93 6.26 -2.06	113.58 5.57 -15.24	111.08 4.78 -25.23	84.38 3.86 -8.98	66.70 3.48 0.00	59.19 2.60 0.00
HUNTINGTON_RES_REC 323705	41.80 3.93 -2.49	38.90 3.60 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.77 2.55 -1.23	30.40 2.74 0.00	32.89 3.21 0.00	36.81 3.71 0.00	44.26 4.67 -0.01	54.01 4.90 -3.31	57.88 5.30 -3.12	60.17 5.42 -0.02	61.59 5.08 -0.15	62.98 5.51 -0.65	72.43 6.12 -1.96	89.41 8.38 -4.13	287.04 10.28 -182.43	229.40 10.77 -116.01	106.62 9.19 -4.65	92.57 7.05 -4.46	81.54 5.72 -4.28	68.09 4.24 -0.63	61.28 4.69 0.01
HUNTLEY___63 23557	34.57 -1.24 -0.42	32.90 -1.04 -0.28	31.35 -1.27 0.00	29.42 -1.19 0.00	28.37 -1.49 -0.15	27.82 -1.36 -0.20	26.52 -1.13 0.00	28.14 -1.54 0.00	31.48 -1.62 0.00	37.96 -1.62 0.00	43.82 -1.97 0.01	47.79 -1.68 0.00	51.65 -2.74 0.35	53.83 -2.54 0.00	54.38 -2.44 0.00	62.42 -1.93 0.00	74.36 -2.54 0.00	91.97 -2.36 0.00	100.25 -2.36 0.00	90.93 -1.86 0.00	79.92 -1.13 0.00	70.53 -1.00 0.00	64.05 0.82 0.00	57.55 0.96 0.00
HUNTLEY___64 23558	34.57 -1.24 -0.42	32.90 -1.04 -0.28	31.35 -1.27 0.00	29.42 -1.19 0.00	28.37 -1.49 -0.15	27.82 -1.36 -0.20	26.52 -1.13 0.00	28.14 -1.54 0.00	31.48 -1.62 0.00	37.96 -1.62 0.00	43.82 -1.97 0.01	47.79 -1.68 0.00	51.65 -2.74 0.35	53.83 -2.54 0.00	54.38 -2.44 0.00	62.42 -1.93 0.00	74.36 -2.54 0.00	91.97 -2.36 0.00	100.25 -2.36 0.00	90.93 -1.86 0.00	79.92 -1.13 0.00	70.53 -1.00 0.00	64.05 0.82 0.00	57.55 0.96 0.00
HUNTLEY___65 23559	34.57 -1.24 -0.42	32.90 -1.04 -0.28	31.35 -1.27 0.00	29.42 -1.19 0.00	28.37 -1.49 -0.15	27.82 -1.36 -0.20	26.52 -1.13 0.00	28.14 -1.54 0.00	31.48 -1.62 0.00	37.96 -1.62 0.00	43.82 -1.97 0.01	47.79 -1.68 0.00	51.65 -2.74 0.35	53.83 -2.54 0.00	54.38 -2.44 0.00	62.42 -1.93 0.00	74.36 -2.54 0.00	91.97 -2.36 0.00	100.25 -2.36 0.00	90.93 -1.86 0.00	79.92 -1.13 0.00	70.53 -1.00 0.00	64.05 0.82 0.00	57.55 0.96 0.00
HUNTLEY___66 23560	34.57 -1.24 -0.42	32.90 -1.04 -0.28	31.35 -1.27 0.00	29.42 -1.19 0.00	28.37 -1.49 -0.15	27.82 -1.36 -0.20	26.52 -1.13 0.00	28.14 -1.54 0.00	31.48 -1.62 0.00	37.96 -1.62 0.00	43.82 -1.97 0.01	47.79 -1.68 0.00	51.65 -2.74 0.35	53.83 -2.54 0.00	54.38 -2.44 0.00	62.42 -1.93 0.00	74.36 -2.54 0.00	91.97 -2.36 0.00	100.25 -2.36 0.00	90.93 -1.86 0.00	79.92 -1.13 0.00	70.53 -1.00 0.00	64.05 0.82 0.00	57.55 0.96 0.00
HUNTLEY___67 23561	34.36 -1.45 -0.43	32.71 -1.25 -0.28	31.18 -1.44 0.00	29.24 -1.38 0.00	28.20 -1.66 -0.15	27.65 -1.54 -0.20	26.47 -1.19 0.00	28.08 -1.60 0.00	31.44 -1.65 0.00	37.92 -1.66 0.00	43.36 -2.43 0.01	47.29 -2.18 0.00	51.71 -2.68 0.34	53.89 -2.48 0.00	54.43 -2.39 0.00	62.36 -2.00 0.00	74.59 -2.31 0.00	92.06 -2.26 0.00	100.35 -2.26 0.00	91.02 -1.76 0.00	80.00 -1.05 0.00	70.61 -0.93 0.00	63.67 0.44 0.00	57.21 0.62 0.00
HUNTLEY___68 23562	34.36 -1.45 -0.43	32.71 -1.25 -0.28	31.18 -1.44 0.00	29.24 -1.38 0.00	28.20 -1.66 -0.15	27.65 -1.54 -0.20	26.47 -1.19 0.00	28.08 -1.60 0.00	31.44 -1.65 0.00	37.92 -1.66 0.00	43.36 -2.43 0.01	47.29 -2.18 0.00	51.71 -2.68 0.34	53.89 -2.48 0.00	54.43 -2.39 0.00	62.36 -2.00 0.00	74.59 -2.31 0.00	92.06 -2.26 0.00	100.35 -2.26 0.00	91.02 -1.76 0.00	80.00 -1.05 0.00	70.61 -0.93 0.00	63.67 0.44 0.00	57.21 0.62 0.00

HYLAND___LFGE 323620	36.89 1.03 -0.47	34.99 1.01 -0.31	33.46 0.85 0.00	31.35 0.73 0.00	30.35 0.47 -0.16	29.67 0.46 -0.22	28.18 0.52 0.00	29.68 0.00 0.00	32.50 -0.59 0.00	38.63 -0.95 0.00	43.83 -2.01 -0.05	47.49 -1.98 0.00	52.16 -3.99 -1.42	52.53 -3.83 0.00	53.58 -3.24 0.00	61.33 -3.02 0.00	74.52 -2.38 0.00	93.77 -0.56 0.00	104.79 2.05 -0.13	98.09 4.36 -0.95	87.82 5.19 -1.57	76.60 4.51 -0.56	66.76 3.54 0.00	59.87 3.28 0.00
INDECK___CORINTH 23802	46.43 1.87 -9.17	41.53 1.85 -6.01	34.31 1.70 0.00	32.15 1.53 0.00	32.34 1.57 -1.06	31.99 1.56 -1.44	29.15 1.49 0.00	31.23 1.54 0.00	35.05 1.95 0.00	41.88 2.29 0.00	47.72 1.92 0.00	51.59 2.13 0.00	56.98 2.24 0.00	58.46 2.09 0.00	59.21 2.39 0.00	67.25 2.90 0.00	81.98 5.07 0.00	100.83 6.50 0.00	116.03 8.01 -5.41	139.81 6.96 -40.07	153.58 6.16 -66.36	100.31 5.15 -23.62	67.15 3.92 0.00	59.70 3.11 0.00
INDECK___ILION 23567	35.81 0.42 0.00	34.08 0.40 0.00	33.01 0.39 0.00	30.98 0.37 0.00	30.10 0.39 0.00	29.36 0.38 0.00	27.99 0.33 0.00	30.04 0.36 0.00	33.50 0.40 0.00	40.09 0.51 0.00	46.30 0.50 0.00	50.01 0.54 0.00	55.39 0.66 0.00	57.05 0.68 0.00	57.56 0.74 0.00	65.19 0.84 0.00	78.21 1.31 0.00	96.03 1.70 0.00	104.56 1.95 0.00	94.54 1.76 0.00	82.60 1.54 0.00	72.75 1.22 0.00	64.11 0.89 0.00	57.21 0.62 0.00
INDECK___OLEAN 23982	34.59 -1.31 -0.51	32.86 -1.14 -0.33	31.28 -1.34 0.00	29.30 -1.32 0.00	28.37 -1.51 -0.18	27.92 -1.30 -0.24	26.55 -1.11 0.00	28.26 -1.42 0.00	31.68 -1.42 0.00	38.08 -1.50 0.00	43.23 -2.56 0.00	47.09 -2.37 0.00	51.76 -2.90 0.07	53.44 -2.93 0.00	54.44 -2.38 0.00	61.91 -2.45 0.00	74.36 -2.54 0.00	91.97 -2.35 0.00	100.49 -2.26 -0.14	92.03 -1.77 -1.02	81.61 -1.13 -1.69	71.13 -1.00 -0.60	62.65 -0.57 0.00	57.32 0.73 0.00
INDECK___OSWEGO 23783	34.82 -0.57 0.00	33.17 -0.50 0.00	32.23 -0.39 0.00	30.25 -0.37 0.00	29.40 -0.39 -0.07	28.71 -0.38 -0.10	27.35 -0.30 0.00	29.36 -0.33 0.00	32.64 -0.46 0.00	39.06 -0.52 0.00	45.06 -0.73 0.00	48.82 -0.64 0.00	54.02 -0.71 0.00	55.63 -0.73 0.00	55.74 -1.08 0.00	63.13 -1.22 0.00	75.82 -1.08 0.00	93.20 -1.13 0.00	101.38 -1.23 0.00	91.85 -0.93 0.00	80.25 -0.81 0.00	70.68 -0.86 0.00	62.28 -0.95 0.00	55.74 -0.85 0.00
INDECK___YERKES 23781	34.57 -1.24 -0.42	32.90 -1.04 -0.28	31.41 -1.21 0.00	29.42 -1.19 0.00	28.34 -1.51 -0.15	27.88 -1.30 -0.20	26.58 -1.08 0.00	28.17 -1.51 0.00	31.45 -1.65 0.00	37.92 -1.66 0.01	43.87 -1.92 0.01	47.84 -1.63 0.00	51.70 -2.68 0.35	53.50 -2.87 0.00	54.38 -2.44 0.00	62.49 -1.87 0.00	74.36 -2.54 0.00	91.97 -2.35 0.00	100.35 -2.26 0.00	90.83 -1.95 0.00	79.92 -1.13 0.00	70.46 -1.07 0.00	63.54 0.32 0.00	57.66 1.07 0.00
INDIAN POINT_GT_1 24139	40.79 2.94 -2.46	38.08 2.79 -1.62	35.16 2.54 0.00	32.97 2.36 0.00	32.89 2.29 -0.90	32.47 2.26 -1.22	29.98 2.32 0.00	32.24 2.55 0.00	35.98 2.88 0.00	43.14 3.56 0.00	49.55 3.76 0.00	53.38 3.91 0.00	58.89 4.16 0.00	60.71 4.34 0.00	61.54 4.72 0.00	69.37 5.02 0.00	83.90 7.00 0.00	102.82 8.49 0.00	112.23 9.03 -0.59	104.75 7.61 -4.36	94.35 6.08 -7.21	78.90 4.79 -2.57	66.89 3.67 0.00	59.53 2.94 0.00
INDIAN POINT_GT_2 23659	40.79 2.94 -2.46	38.08 2.79 -1.62	35.16 2.54 0.00	32.97 2.36 0.00	32.89 2.29 -0.90	32.47 2.26 -1.22	29.98 2.32 0.00	32.24 2.55 0.00	35.98 2.88 0.00	43.14 3.56 0.00	49.55 3.76 0.00	53.38 3.91 0.00	58.89 4.16 0.00	60.71 4.34 0.00	61.54 4.72 0.00	69.37 5.02 0.00	83.90 7.00 0.00	102.82 8.49 0.00	112.23 9.03 -0.59	104.75 7.61 -4.36	94.35 6.08 -7.21	78.90 4.79 -2.57	66.89 3.67 0.00	59.53 2.94 0.00
INDIAN POINT_GT_3 24019	40.79 2.94 -2.46	38.08 2.79 -1.62	35.16 2.54 0.00	32.97 2.36 0.00	32.89 2.29 -0.90	32.47 2.26 -1.22	29.98 2.32 0.00	32.24 2.55 0.00	35.98 2.88 0.00	43.14 3.56 0.00	49.55 3.76 0.00	53.38 3.91 0.00	58.89 4.16 0.00	60.71 4.34 0.00	61.54 4.72 0.00	69.37 5.02 0.00	83.90 7.00 0.00	102.82 8.49 0.00	112.23 9.03 -0.59	104.75 7.61 -4.36	94.35 6.08 -7.21	78.90 4.79 -2.57	66.89 3.67 0.00	59.53 2.94 0.00
INDIAN POINT___2 23530	40.74 2.90 -2.44	38.04 2.76 -1.60	35.13 2.51 0.00	32.91 2.30 0.00	32.92 2.32 -0.89	32.46 2.26 -1.21	29.95 2.29 0.00	32.20 2.52 0.00	36.01 2.91 0.00	43.06 3.48 0.00	49.37 3.57 0.00	53.28 3.81 0.00	58.73 3.99 0.00	60.26 3.89 0.00	61.20 4.38 0.00	69.24 4.89 0.00	83.74 6.84 0.00	102.63 8.30 0.00	112.02 8.83 -0.58	104.52 7.43 -4.32	94.12 5.91 -7.15	78.80 4.72 -2.54	66.89 3.67 0.00	59.93 3.34 0.00
INDIAN POINT___3 23531	40.72 2.87 -2.46	38.02 2.73 -1.62	35.13 2.51 0.00	32.91 2.30 0.00	32.83 2.23 -0.90	32.41 2.20 -1.22	29.93 2.27 0.00	32.18 2.49 0.00	35.91 2.81 0.00	43.02 3.44 0.00	49.42 3.62 0.00	53.28 3.81 0.00	58.78 4.05 0.00	60.54 4.17 0.00	61.37 4.55 0.00	69.18 4.83 0.00	83.67 6.77 0.00	102.53 8.21 0.00	111.92 8.72 -0.59	104.47 7.33 -4.36	94.11 5.84 -7.22	78.75 4.65 -2.57	66.70 3.48 0.00	59.42 2.83 0.00
INGHAM_C_115KV_TB7 356103	35.81 0.42 0.00	34.04 0.37 0.00	32.98 0.36 0.00	30.95 0.34 0.00	30.07 0.36 0.00	29.33 0.35 0.00	27.96 0.30 0.00	30.01 0.33 0.00	33.46 0.36 0.00	40.06 0.47 0.00	46.26 0.46 0.00	49.96 0.49 0.00	55.33 0.60 0.00	56.99 0.62 0.00	57.50 0.68 0.00	65.13 0.77 0.00	78.13 1.23 0.00	96.03 1.70 0.00	104.56 1.95 0.00	94.64 1.86 0.00	82.76 1.70 0.00	72.89 1.36 0.00	64.24 1.01 0.00	57.32 0.74 0.00
IP CORINTH___1 23988	46.64 2.09 -9.17	41.70 2.02 -6.01	34.48 1.86 0.00	32.30 1.68 0.00	32.46 1.69 -1.06	32.08 1.65 -1.44	29.29 1.63 0.00	31.38 1.69 0.00	35.12 2.02 0.00	42.07 2.49 0.00	48.00 2.20 0.00	51.89 2.42 0.00	57.36 2.63 0.00	58.91 2.54 0.00	59.66 2.84 0.00	67.64 3.28 0.00	82.36 5.46 0.00	101.40 7.07 0.00	116.64 8.62 -5.41	140.36 7.52 -40.07	153.99 6.57 -66.36	100.74 5.58 -23.62	67.46 4.24 0.00	59.81 3.23 0.00
IP___TICONDEROGA 23804	48.06 3.57 -9.10	43.01 3.37 -5.97	35.68 3.07 0.00	33.43 2.82 0.00	33.59 2.82 -1.05	33.21 2.78 -1.44	30.34 2.68 0.00	32.44 2.76 0.00	36.44 3.34 0.00	43.70 4.12 0.00	49.97 4.17 0.00	54.17 4.70 0.00	59.93 5.20 0.00	61.55 5.19 0.00	62.39 5.57 0.00	70.92 6.56 0.00	86.59 9.69 0.00	106.78 12.45 0.00	122.95 14.98 -5.36	145.93 13.45 -39.70	158.89 12.08 -65.75	105.17 10.23 -23.40	71.25 8.03 0.00	62.92 6.34 0.00
ISLIP_RES_REC 323679	42.26 4.39 -2.49	39.30 4.01 -1.62	35.98 3.36 0.00	33.71 3.09 0.00	33.67 3.06 -0.90	33.06 2.84 -1.23	30.70 3.04 0.00	33.21 3.53 0.00	37.14 4.04 0.00	44.70 5.11 -0.01	54.47 5.36 -3.31	58.52 5.93 -3.12	61.21 6.46 -0.02	62.64 6.15 -0.12	63.95 6.53 -0.60	73.84 7.14 -2.34	91.22 9.85 -4.47	140.19 11.98 -33.88	136.33 12.72 -21.00	108.40 11.04 -4.58	96.02 8.76 -6.21	83.20 7.15 -4.51	70.64 5.37 -2.05	62.53 5.94 0.00

JAMAICA__27_KV_LOAD 355505	41.33 3.47 -2.48	38.56 3.27 -1.62	35.65 3.03 0.00	33.43 2.82 0.00	33.31 2.70 -0.90	32.88 2.67 -1.23	30.51 2.85 0.00	32.83 3.15 0.00	36.54 3.44 0.00	43.93 4.35 0.00	50.33 4.53 0.00	54.27 4.80 0.00	59.82 5.09 0.00	61.55 5.19 0.00	62.45 5.63 0.00	70.28 5.92 0.00	85.36 8.46 0.00	104.42 10.09 0.00	114.18 10.98 -0.59	106.63 9.46 -4.38	96.02 7.70 -7.26	80.13 6.01 -2.58	68.22 4.99 0.00	60.66 4.07 0.00
JANIS__SOLAR 323808	37.70 1.42 -0.90	35.61 1.35 -0.59	33.92 1.31 0.00	31.84 1.23 0.00	31.15 1.19 -0.25	30.52 1.19 -0.35	28.85 1.19 0.00	30.84 1.16 0.00	34.32 1.23 0.00	40.97 1.38 0.00	46.95 1.15 0.00	50.90 1.44 0.00	56.47 1.64 -0.10	58.00 1.64 0.00	58.69 1.87 0.00	67.06 2.70 0.00	81.36 4.46 0.00	100.93 6.60 0.00	111.11 8.21 -0.28	103.06 8.17 -2.11	92.09 7.54 -3.49	78.93 6.15 -1.24	67.97 4.74 0.00	60.61 4.02 0.00
JARVIS____ 23743	35.71 0.32 0.00	33.97 0.30 0.00	32.94 0.33 0.00	30.92 0.31 0.00	30.01 0.30 0.00	29.28 0.29 0.00	27.93 0.28 0.00	29.98 0.30 0.00	33.43 0.33 0.00	39.98 0.40 0.00	46.16 0.36 0.00	49.86 0.39 0.00	55.12 0.39 0.00	56.77 0.40 0.00	57.27 0.45 0.00	64.93 0.58 0.00	77.83 0.93 0.00	95.46 1.14 0.00	103.84 1.24 0.00	93.80 1.02 0.00	81.95 0.89 0.00	72.25 0.72 0.00	63.79 0.57 0.00	57.04 0.45 0.00
JENNISON____1 23625	38.33 1.63 -1.32	36.08 1.55 -0.86	34.05 1.44 0.00	32.02 1.41 0.00	31.37 1.34 -0.33	30.77 1.33 -0.45	28.98 1.33 0.00	31.05 1.37 0.00	34.69 1.59 0.00	41.52 1.94 0.00	47.68 1.88 0.00	51.69 2.23 0.00	57.30 2.57 0.00	59.07 2.71 0.00	59.72 2.90 0.00	67.96 3.60 0.00	82.21 5.31 0.00	101.50 7.17 0.00	111.27 8.21 -0.45	103.94 7.79 -3.36	93.68 7.05 -5.57	79.31 5.79 -1.98	67.84 4.62 0.00	60.27 3.68 0.00
JENNISON____2 23626	38.33 1.63 -1.32	36.08 1.55 -0.86	34.05 1.44 0.00	32.02 1.41 0.00	31.37 1.34 -0.33	30.77 1.33 -0.45	28.98 1.33 0.00	31.05 1.37 0.00	34.69 1.59 0.00	41.52 1.94 0.00	47.68 1.88 0.00	51.69 2.23 0.00	57.30 2.57 0.00	59.07 2.71 0.00	59.72 2.90 0.00	67.96 3.60 0.00	82.21 5.31 0.00	101.50 7.17 0.00	111.27 8.21 -0.45	103.94 7.79 -3.36	93.68 7.05 -5.57	79.31 5.79 -1.98	67.84 4.62 0.00	60.27 3.68 0.00
JERICOHO_RISE_WT_PWR 323719	34.01 -1.38 0.00	32.23 -1.45 0.00	30.99 -1.63 0.00	29.05 -1.56 0.00	28.20 -1.51 0.00	27.45 -1.54 0.00	26.08 -1.58 0.00	28.11 -1.57 0.00	31.45 -1.65 0.00	37.56 -2.02 0.00	44.06 -1.74 0.00	47.44 -2.03 0.00	52.76 -1.97 0.00	54.39 -1.97 0.00	54.49 -2.33 0.00	61.78 -2.58 0.00	73.29 -3.61 0.00	89.71 -4.62 0.00	97.89 -4.72 0.00	88.97 -3.81 0.00	78.14 -2.91 0.00	69.32 -2.22 0.00	61.45 -1.77 0.00	55.00 -1.58 0.00
KATONAH__115KV_46KV_TB4 355592	40.97 3.08 -2.50	38.24 2.93 -1.64	35.26 2.64 0.00	33.09 2.48 0.00	33.05 2.44 -0.91	32.63 2.41 -1.24	30.09 2.43 0.00	32.35 2.67 0.00	36.18 3.08 0.00	43.38 3.80 0.00	49.92 4.12 0.00	53.82 4.35 0.00	59.38 4.65 0.00	61.22 4.85 0.00	62.10 5.28 0.00	70.02 5.66 0.00	84.67 7.77 0.00	103.76 9.43 0.00	113.37 10.16 -0.60	105.85 8.63 -4.44	95.30 6.89 -7.35	79.59 5.44 -2.62	67.40 4.17 0.00	59.87 3.28 0.00
KCE_NY_1 323755	46.73 2.34 -9.01	41.80 2.22 -5.90	34.71 2.09 0.00	32.54 1.93 0.00	32.69 1.93 -1.05	32.30 1.88 -1.44	29.48 1.82 0.00	31.55 1.87 0.00	35.32 2.22 0.00	42.19 2.61 0.00	48.41 2.61 0.00	52.34 2.87 0.00	57.80 3.06 0.00	59.35 2.99 0.00	60.17 3.35 0.00	68.28 3.93 0.00	82.51 5.61 0.00	101.41 7.08 0.00	116.00 8.10 -5.29	139.01 7.05 -39.18	152.11 6.16 -64.89	99.93 5.29 -23.10	67.46 4.24 0.00	60.10 3.51 0.00
KCE_NY_6_ESR 323823	34.56 -1.27 -0.45	32.86 -1.11 -0.29	31.31 -1.31 0.00	29.36 -1.26 0.00	28.29 -1.58 -0.16	27.84 -1.36 -0.21	26.58 -1.08 0.00	28.20 -1.48 0.00	31.58 -1.52 0.00	38.04 -1.54 0.01	43.54 -2.24 0.00	47.44 -2.03 0.00	51.81 -2.52 0.41	53.78 -2.59 0.00	54.72 -2.10 0.00	62.81 -1.55 0.00	75.21 -1.69 0.00	93.10 -1.23 0.00	101.68 -0.93 0.00	92.14 -0.64 0.00	80.98 -0.08 0.00	71.39 -0.14 0.00	63.79 0.57 0.00	57.83 1.24 0.00
KEDC_PORT_JEFF_GT2 24210	42.01 4.14 -2.49	39.07 3.77 -1.62	35.78 3.16 0.00	33.49 2.88 0.00	33.49 2.88 -0.90	32.88 2.66 -1.23	30.53 2.88 0.00	33.01 3.32 0.00	36.94 3.84 0.00	44.42 4.83 -0.01	54.15 5.04 -3.31	58.07 5.49 -3.12	60.67 5.91 -0.02	62.01 5.53 -0.12	63.24 5.85 -0.56	72.76 6.24 -2.16	89.28 8.23 -4.15	151.42 9.99 -47.09	142.72 10.57 -29.54	106.45 9.10 -4.58	94.25 7.05 -6.14	81.60 5.72 -4.34	69.43 4.49 -1.71	61.90 5.32 0.00
KEDC_PORT_JEFF_GT3 24211	42.01 4.14 -2.49	39.07 3.77 -1.62	35.78 3.16 0.00	33.49 2.88 0.00	33.49 2.88 -0.90	32.88 2.66 -1.23	30.53 2.88 0.00	33.01 3.32 0.00	36.94 3.84 0.00	44.42 4.83 -0.01	54.15 5.04 -3.31	58.07 5.49 -3.12	60.67 5.91 -0.02	62.01 5.53 -0.12	63.24 5.85 -0.56	72.76 6.24 -2.16	89.28 8.23 -4.15	151.42 9.99 -47.09	142.72 10.57 -29.54	106.45 9.10 -4.58	94.25 7.05 -6.14	81.60 5.72 -4.34	69.43 4.49 -1.71	61.90 5.32 0.00
KEDC_GLWD_GT4 24219	41.52 3.65 -2.49	38.73 3.44 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.85 2.64 -1.23	30.37 2.71 0.00	32.74 3.06 0.00	36.68 3.58 0.00	43.98 4.39 -0.01	53.83 4.72 -3.31	57.64 5.05 -3.13	60.11 5.31 -0.07	62.05 5.24 -0.44	64.71 5.57 -2.32	79.78 5.99 -9.44	103.15 8.31 -17.94	112.13 9.99 -7.81	113.87 10.67 -0.59	107.03 9.10 -5.15	95.54 7.21 -7.27	87.92 5.87 -10.52	77.85 4.42 -10.20	60.89 4.30 -0.01
KEDC_GLWD_GT5 24220	41.52 3.65 -2.49	38.73 3.44 -1.62	35.65 3.03 0.00	33.37 2.76 0.00	33.37 2.76 -0.90	32.85 2.64 -1.23	30.37 2.71 0.00	32.74 3.06 0.00	36.68 3.58 0.00	43.98 4.39 -0.01	53.83 4.72 -3.31	57.64 5.05 -3.13	60.11 5.31 -0.07	62.05 5.24 -0.44	64.71 5.57 -2.32	79.78 5.99 -9.44	103.15 8.31 -17.94	112.13 9.99 -7.81	113.87 10.67 -0.59	107.03 9.10 -5.15	95.54 7.21 -7.27	87.92 5.87 -10.52	77.85 4.42 -10.20	60.89 4.30 -0.01
KENSICO____ 23655	40.91 3.04 -2.48	38.16 2.86 -1.62	35.23 2.61 0.00	33.03 2.42 0.00	32.96 2.35 -0.90	32.53 2.32 -1.23	30.06 2.41 0.00	32.33 2.64 0.00	36.08 2.98 0.00	43.26 3.68 0.00	49.74 3.94 0.00	53.57 4.11 0.00	59.11 4.38 0.00	60.88 4.51 0.00	61.71 4.89 0.00	69.50 5.15 0.00	84.13 7.23 0.00	103.10 8.77 0.00	112.54 9.34 -0.59	105.05 7.89 -4.38	94.55 6.24 -7.25	79.12 5.01 -2.58	67.02 3.79 0.00	59.70 3.11 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.00 3.01 -2.61	38.21 2.83 -1.71	35.16 2.54 0.00	32.88 2.27 0.00	32.76 2.17 -0.88	32.30 2.12 -1.20	29.84 2.18 0.00	32.03 2.34 0.00	35.75 2.65 0.00	42.83 3.25 0.00	49.23 3.43 0.00	53.18 3.71 0.00	58.84 4.10 0.00	60.82 4.45 0.00	61.71 4.89 0.00	70.08 5.73 0.00	84.98 8.07 0.00	104.42 10.09 0.00	114.31 10.98 -0.72	107.55 9.46 -5.31	97.63 7.78 -8.79	80.82 6.15 -3.13	67.90 4.68 0.00	60.21 3.62 0.00

KLAC_JFK_GT1 23816	41.02 3.15 -2.48	38.23 2.93 -1.62	35.46 2.84 0.00	33.25 2.63 0.00	33.14 2.53 -0.90	32.71 2.49 -1.23	30.34 2.68 0.00	32.65 2.97 0.00	36.24 3.14 0.00	43.54 3.96 0.00	49.87 4.08 0.00	53.77 4.30 0.00	59.28 4.54 0.00	60.93 4.57 0.00	61.82 5.00 0.00	69.57 5.21 0.00	84.51 7.61 0.00	103.38 9.06 0.00	112.95 9.75 -0.59	105.51 8.35 -4.38	95.04 6.73 -7.26	79.27 5.15 -2.58	67.46 4.24 0.00	60.04 3.45 0.00
KIAC_JFK_GT2 23817	41.02 3.15 -2.48	38.23 2.93 -1.62	35.46 2.84 0.00	33.25 2.63 0.00	33.14 2.53 -0.90	32.71 2.49 -1.23	30.34 2.68 0.00	32.65 2.97 0.00	36.24 3.14 0.00	43.54 3.96 0.00	49.87 4.08 0.00	53.77 4.30 0.00	59.28 4.54 0.00	60.93 4.57 0.00	61.82 5.00 0.00	69.57 5.21 0.00	84.51 7.61 0.00	103.38 9.06 0.00	112.95 9.75 -0.59	105.51 8.35 -4.38	95.04 6.73 -7.26	79.27 5.15 -2.58	67.46 4.24 0.00	60.04 3.45 0.00
KIAC_JFK____ 323774	41.01 3.15 -2.48	38.23 2.93 -1.62	35.45 2.84 0.00	33.25 2.63 0.00	33.23 2.62 -0.90	32.77 2.55 -1.23	30.31 2.66 0.00	32.65 2.97 0.00	36.54 3.44 0.00	43.54 3.96 0.00	49.78 3.98 0.00	53.77 4.30 0.00	59.16 4.43 0.00	60.65 4.28 0.00	61.59 4.77 0.00	69.57 5.21 0.00	84.52 7.61 0.00	103.38 9.06 0.00	113.05 9.85 -0.59	105.52 8.35 -4.38	95.04 6.72 -7.26	79.27 5.15 -2.58	67.65 4.42 0.00	60.61 4.02 0.00
KINTIGH__24_KV_GSU 356498	34.55 -1.20 -0.37	32.93 -0.98 -0.24	31.51 -1.11 0.00	29.54 -1.07 0.00	28.47 -1.37 -0.13	27.95 -1.22 -0.18	26.77 -0.89 0.00	28.46 -1.22 0.00	31.81 -1.29 0.00	38.35 -1.23 0.00	43.91 -1.88 0.01	47.84 -1.63 0.00	52.56 -1.97 0.21	54.28 -2.08 0.00	55.06 -1.76 0.00	62.88 -1.48 0.00	75.21 -1.69 0.00	92.72 -1.60 0.00	101.17 -1.44 0.00	91.57 -1.21 0.00	80.41 -0.65 0.00	70.89 -0.65 0.00	63.22 0.00 0.00	57.21 -0.62 0.00
KINTIGH____ 23543	34.55 -1.20 -0.37	32.94 -0.98 -0.24	31.48 -1.14 0.00	29.54 -1.07 0.00	28.71 -1.13 -0.13	28.09 -1.07 -0.18	26.74 -0.91 0.00	28.44 -1.25 0.00	31.84 -1.26 0.00	38.35 -1.23 0.00	43.87 -1.92 0.01	47.84 -1.63 0.00	52.55 -1.97 0.21	54.57 -1.80 0.00	55.06 -1.76 0.00	62.87 -1.48 0.00	75.21 -1.69 0.00	92.72 -1.60 0.00	101.07 -1.54 0.00	91.57 -1.21 0.00	80.41 -0.65 0.00	70.89 -0.64 0.00	63.67 0.44 0.00	57.15 -0.57 0.00
KNFTRNC_46_KV_46KV_LOAD 80397	34.54 -0.85 0.00	32.70 -0.98 0.00	31.44 -1.17 0.00	29.45 -1.16 0.00	28.58 -1.13 -0.16	27.83 -1.16 0.00	26.39 -1.27 0.00	28.47 -1.22 0.00	31.84 -1.26 0.00	38.08 -1.50 0.00	44.61 -1.19 0.00	47.93 -1.53 0.00	52.76 -1.97 0.00	54.06 -2.31 0.00	54.43 -2.39 0.00	61.97 -2.38 0.00	73.67 -3.23 0.00	89.99 -4.34 0.00	98.20 -4.41 0.00	89.35 -3.43 0.00	78.79 -2.27 0.00	69.82 -1.72 0.00	61.77 -1.45 0.00	55.40 -1.19 0.00
LACHUTE__HYDRO 323717	48.03 3.54 -9.10	43.00 3.37 -5.97	35.68 3.07 0.00	33.43 2.81 0.00	33.62 2.85 -1.05	33.23 2.81 -1.44	30.34 2.68 0.00	32.44 2.76 0.00	36.54 3.44 0.00	43.70 4.12 0.00	49.92 4.12 0.00	54.17 4.70 0.00	59.93 5.20 0.00	61.38 5.02 0.00	62.28 5.46 0.00	70.92 6.57 0.00	86.59 9.69 0.00	106.78 12.45 0.00	122.95 14.98 -5.36	145.93 13.45 -39.70	158.89 12.08 -65.75	105.17 10.23 -23.40	71.32 8.09 0.00	63.15 6.56 0.00
LAWRNCV_115KV_TB1 80681	35.07 -0.32 0.00	33.27 -0.40 0.00	32.13 -0.49 0.00	30.16 -0.46 0.00	29.22 -0.51 -0.01	28.34 -0.67 -0.02	26.83 -0.83 0.00	28.85 -0.83 0.00	32.17 -0.93 0.00	38.39 -1.19 0.00	44.84 -0.96 0.00	48.38 -1.09 0.00	53.69 -1.04 0.00	55.24 -1.13 0.00	55.46 -1.36 0.00	63.00 -1.35 0.00	73.44 -3.46 0.00	89.80 -4.53 0.00	97.99 -4.62 0.00	89.16 -3.62 0.00	78.46 -2.59 0.00	70.75 -0.79 0.00	62.66 -0.57 0.00	56.25 -0.34 0.00
LEDERLE____ 23769	40.90 3.08 -2.43	38.20 2.93 -1.59	35.29 2.67 0.00	33.03 2.42 0.00	32.97 2.38 -0.88	32.51 2.32 -1.21	30.04 2.38 0.00	32.30 2.61 0.00	36.05 2.95 0.00	43.18 3.60 0.00	49.55 3.76 0.00	53.47 4.01 0.00	59.00 4.27 0.00	60.88 4.51 0.00	61.76 4.94 0.00	69.76 5.41 0.00	84.44 7.54 0.00	103.38 9.06 0.00	112.83 9.65 -0.58	105.23 8.16 -4.29	94.72 6.57 -7.10	79.28 5.22 -2.53	67.21 3.98 0.00	59.76 3.17 0.00
LIGHTHSE_115KV_TB6 355974	35.53 0.14 0.00	33.77 0.10 0.00	32.81 0.20 0.00	30.80 0.18 0.00	29.96 0.18 -0.07	29.20 0.12 -0.10	27.71 0.06 0.00	29.71 0.03 0.00	33.10 0.00 0.00	39.58 0.00 0.00	45.71 -0.09 0.00	49.62 0.15 0.00	55.01 0.27 0.00	56.65 0.28 0.00	56.99 0.17 0.00	64.61 0.26 0.00	77.67 0.77 0.00	95.55 1.23 0.00	104.35 1.74 0.00	94.73 1.95 0.00	83.00 1.95 0.00	73.18 1.65 0.00	64.43 1.20 0.00	57.55 0.96 0.00
LINDEN COGEN____ 23786	40.94 3.08 -2.48	38.19 2.90 -1.62	35.26 2.64 0.00	33.03 2.42 0.00	33.05 2.44 -0.90	32.56 2.35 -1.23	30.09 2.43 0.00	32.38 2.70 0.00	36.25 3.15 0.00	43.42 3.84 0.00	49.87 4.07 0.00	53.72 4.25 0.00	54.00 4.38 5.11	55.60 4.17 4.94	56.42 4.60 5.00	61.24 5.02 8.14	68.49 7.23 15.64	74.37 8.58 28.54	81.38 9.13 30.36	66.98 7.70 33.50	57.10 6.16 30.12	57.09 4.79 19.24	55.96 3.79 11.06	54.69 3.51 5.41
LINDHRST_69_KV_BK1 356055	42.25 4.39 -2.48	39.34 4.04 -1.62	36.04 3.42 0.00	33.74 3.12 0.00	33.64 3.03 -0.90	33.08 2.87 -1.23	30.76 3.10 0.00	33.22 3.53 0.00	37.07 3.97 0.00	44.69 5.11 0.00	54.65 5.54 -3.31	58.43 5.84 -3.12	61.06 6.29 -0.04	62.96 6.37 -0.22	64.59 6.59 -1.18	76.21 7.08 -4.77	95.58 9.61 -9.07	109.88 11.60 -3.95	115.51 12.31 -0.59	108.31 10.76 -4.77	96.16 8.43 -6.67	85.27 7.15 -6.58	73.89 5.82 -4.85	61.69 5.09 -0.01
LIPA_MISC_IPP 23656	41.76 3.89 -2.48	38.83 3.54 -1.62	35.55 2.94 0.00	33.31 2.69 0.00	33.23 2.61 -0.90	32.65 2.43 -1.23	30.37 2.71 0.00	32.83 3.15 0.00	36.57 3.48 0.00	44.09 4.51 0.00	54.06 4.95 -3.31	57.73 5.14 -3.12	60.39 5.64 -0.02	62.17 5.69 -0.11	63.15 5.80 -0.53	72.56 6.11 -2.09	89.51 8.61 -4.00	130.03 10.47 -25.23	129.30 11.08 -15.61	106.90 9.56 -4.56	94.95 7.46 -6.43	81.92 6.08 -4.30	69.77 4.74 -1.81	61.00 4.41 0.00
LISF__SOLAR 323691	41.87 4.00 -2.49	38.90 3.60 -1.62	35.62 3.00 0.00	33.37 2.76 0.00	33.34 2.73 -0.90	32.73 2.52 -1.23	30.40 2.74 0.00	32.89 3.21 0.00	36.74 3.64 0.00	44.18 4.59 -0.01	53.83 4.72 -3.31	57.78 5.19 -3.12	60.39 5.64 -0.02	61.78 5.30 -0.11	63.04 5.68 -0.54	72.72 6.24 -2.12	89.72 8.76 -4.05	133.05 10.75 -27.97	131.34 11.39 -17.34	107.28 9.93 -4.56	95.23 7.78 -6.39	82.22 6.36 -4.32	69.60 4.55 -1.82	61.79 5.20 0.00
LITTLE FALLS__HYD 24013	35.81 0.42 0.00	34.04 0.37 0.00	32.98 0.36 0.00	30.95 0.34 0.00	30.07 0.36 0.00	29.33 0.35 0.00	27.96 0.30 0.00	30.01 0.33 0.00	33.46 0.36 0.00	40.06 0.47 0.00	46.26 0.46 0.00	49.96 0.49 0.00	55.33 0.60 0.00	56.99 0.62 0.00	57.50 0.68 0.00	65.13 0.77 0.00	78.13 1.23 0.00	96.03 1.70 0.00	104.56 1.95 0.00	94.64 1.86 0.00	82.76 1.70 0.00	72.89 1.36 0.00	64.24 1.01 0.00	57.32 0.74 0.00

LITTLRIV_115KV_TB1 356100	35.42 0.04 0.00	33.61 -0.07 0.00	32.45 -0.16 0.00	30.46 -0.15 0.00	29.55 -0.18 -0.01	28.66 -0.35 -0.02	27.05 -0.61 0.00	29.09 -0.59 0.00	32.37 -0.73 0.00	38.55 -1.03 0.00	45.02 -0.78 0.00	48.58 -0.89 0.00	53.97 -0.77 0.00	55.47 -0.90 0.00	55.74 -1.08 0.00	63.39 -0.97 0.00	74.13 -2.77 0.00	90.74 -3.58 0.00	99.33 -3.28 0.00	90.65 -2.13 0.00	79.92 -1.13 0.00	71.96 0.43 0.00	63.60 0.38 0.00	56.98 0.40 0.00
LI_NEWBRDGE___DRP 323616	41.48 3.61 -2.48	38.66 3.37 -1.62	35.49 2.87 0.00	33.22 2.60 0.00	33.17 2.56 -0.90	32.62 2.41 -1.23	30.28 2.63 0.00	32.68 3.00 0.00	36.48 3.38 0.00	43.89 4.31 0.00	53.60 4.49 -3.31	57.28 4.70 -3.11	59.67 4.93 -0.01	61.41 5.02 -0.03	62.29 5.34 -0.13	70.51 5.66 -0.50	85.71 7.84 -0.96	104.18 9.43 -0.42	113.26 10.06 -0.59	105.82 8.63 -4.42	95.04 6.73 -7.25	80.11 5.58 -3.00	68.20 4.55 -0.43	60.48 3.90 0.01
LOCKPORT_115KV_TB60_63_64 80432	34.27 -1.52 -0.40	32.66 -1.28 -0.26	31.12 -1.50 0.00	29.18 -1.44 0.00	28.19 -1.66 -0.14	27.61 -1.57 -0.19	26.36 -1.30 0.00	27.99 -1.69 0.00	31.34 -1.75 0.00	37.80 -1.78 0.00	43.68 -2.11 0.01	47.69 -1.78 0.00	51.63 -2.79 0.32	53.55 -2.82 0.00	54.09 -2.73 0.00	61.97 -2.38 0.00	74.06 -2.85 0.00	91.59 -2.74 0.00	99.84 -2.77 0.00	90.65 -2.13 0.00	79.68 -1.38 0.00	70.32 -1.22 0.00	63.48 0.25 0.00	57.04 0.45 0.00
LOCKPORT___CC1 323769	34.27 -1.52 -0.41	32.62 -1.31 -0.27	31.15 -1.47 0.00	29.18 -1.44 0.00	28.10 -1.75 -0.14	27.61 -1.57 -0.19	26.41 -1.24 0.00	28.02 -1.66 0.00	31.31 -1.79 0.00	37.76 -1.82 0.00	43.59 -2.20 0.01	47.54 -1.93 0.00	51.42 -2.96 0.35	53.04 -3.33 0.00	53.92 -2.90 0.00	61.78 -2.58 0.00	73.82 -3.08 0.00	91.31 -3.02 0.00	99.63 -2.98 0.00	90.37 -2.41 0.00	79.44 -1.62 0.00	70.03 -1.51 0.00	62.78 -0.44 0.00	56.93 0.34 0.00
LOCKPORT___CC2 323770	34.27 -1.52 -0.41	32.62 -1.31 -0.27	31.15 -1.47 0.00	29.18 -1.44 0.00	28.10 -1.75 -0.14	27.61 -1.57 -0.19	26.41 -1.24 0.00	28.02 -1.66 0.00	31.31 -1.79 0.00	37.76 -1.82 0.00	43.59 -2.20 0.01	47.54 -1.93 0.00	51.42 -2.96 0.35	53.04 -3.33 0.00	53.92 -2.90 0.00	61.78 -2.58 0.00	73.82 -3.08 0.00	91.31 -3.02 0.00	99.63 -2.98 0.00	90.37 -2.41 0.00	79.44 -1.62 0.00	70.03 -1.51 0.00	62.78 -0.44 0.00	56.93 0.34 0.00
LOCKPORT___CC3 323771	34.27 -1.52 -0.41	32.62 -1.31 -0.27	31.15 -1.47 0.00	29.18 -1.44 0.00	28.10 -1.75 -0.14	27.61 -1.57 -0.19	26.41 -1.24 0.00	28.02 -1.66 0.00	31.31 -1.79 0.00	37.76 -1.82 0.00	43.59 -2.20 0.01	47.54 -1.93 0.00	51.42 -2.96 0.35	53.04 -3.33 0.00	53.92 -2.90 0.00	61.78 -2.58 0.00	73.82 -3.08 0.00	91.31 -3.02 0.00	99.63 -2.98 0.00	90.37 -2.41 0.00	79.44 -1.62 0.00	70.03 -1.51 0.00	62.78 -0.44 0.00	56.93 0.34 0.00
LOCUSVLY_69_KV_BK2 55797	41.76 3.89 -2.48	38.90 3.60 -1.62	35.78 3.16 0.00	33.49 2.88 0.00	33.40 2.79 -0.90	32.88 2.67 -1.23	30.51 2.85 0.00	32.89 3.21 0.00	36.74 3.64 0.00	44.25 4.67 0.00	54.15 5.04 -3.31	57.94 5.34 -3.13	60.54 5.75 -0.06	62.59 5.86 -0.36	64.92 6.19 -1.91	78.67 6.56 -7.75	100.64 9.00 -14.74	111.69 10.94 -6.42	114.80 11.59 -0.59	107.72 9.93 -5.01	96.19 7.86 -7.26	87.07 6.44 -9.10	76.67 5.06 -8.39	60.84 4.24 -0.01
LONG_LAKE_PHOENIX 24014	34.89 -0.50 0.00	33.20 -0.47 0.00	32.29 -0.33 0.00	30.28 -0.34 0.00	29.43 -0.36 -0.08	28.77 -0.32 -0.10	27.41 -0.25 0.00	29.42 -0.27 0.00	32.80 -0.30 0.00	39.22 -0.36 0.00	45.25 -0.55 0.00	49.02 -0.45 0.00	54.29 -0.44 0.00	55.97 -0.39 0.00	56.42 -0.40 0.00	63.84 -0.51 0.00	76.75 -0.15 0.00	94.33 0.00 0.00	102.61 0.00 0.00	92.97 0.19 0.00	81.22 0.16 0.00	71.46 -0.07 0.00	63.03 -0.19 0.00	56.30 -0.28 0.00
LOVETT___3 23632	40.66 2.83 -2.44	37.97 2.69 -1.60	35.10 2.48 0.00	32.88 2.27 0.00	32.83 2.23 -0.89	32.37 2.17 -1.21	29.93 2.27 0.00	32.15 2.46 0.00	35.88 2.78 0.00	42.98 3.40 0.00	49.32 3.53 0.00	53.18 3.71 0.00	58.67 3.94 0.00	60.43 4.06 0.00	61.25 4.43 0.00	69.05 4.70 0.00	83.59 6.69 0.00	102.35 8.02 0.00	111.71 8.52 -0.58	104.23 7.14 -4.31	93.86 5.67 -7.13	78.58 4.51 -2.54	66.64 3.41 0.00	59.30 2.72 0.00
LOVETT___4 23642	40.66 2.83 -2.44	37.97 2.69 -1.60	35.10 2.48 0.00	32.88 2.27 0.00	32.83 2.23 -0.89	32.37 2.17 -1.21	29.93 2.27 0.00	32.15 2.46 0.00	35.88 2.78 0.00	42.98 3.40 0.00	49.32 3.53 0.00	53.18 3.71 0.00	58.67 3.94 0.00	60.43 4.06 0.00	61.25 4.43 0.00	69.05 4.70 0.00	83.59 6.69 0.00	102.35 8.02 0.00	111.71 8.52 -0.58	104.23 7.14 -4.31	93.86 5.67 -7.13	78.58 4.51 -2.54	66.64 3.41 0.00	59.30 2.72 0.00
LOVETT___5 23593	40.66 2.83 -2.44	37.97 2.69 -1.60	35.10 2.48 0.00	32.88 2.27 0.00	32.83 2.23 -0.89	32.37 2.17 -1.21	29.93 2.27 0.00	32.15 2.46 0.00	35.88 2.78 0.00	42.98 3.40 0.00	49.32 3.53 0.00	53.18 3.71 0.00	58.67 3.94 0.00	60.43 4.06 0.00	61.25 4.43 0.00	69.05 4.70 0.00	83.59 6.69 0.00	102.35 8.02 0.00	111.71 8.52 -0.58	104.23 7.14 -4.31	93.86 5.67 -7.13	78.58 4.51 -2.54	66.64 3.41 0.00	59.30 2.72 0.00
LOWER RAQUET___HYD 24057	35.10 -0.28 0.00	33.30 -0.37 0.00	32.16 -0.46 0.00	30.19 -0.43 0.00	29.22 -0.51 -0.01	28.34 -0.67 -0.02	26.77 -0.89 0.00	28.82 -0.86 0.00	32.14 -0.96 0.00	38.31 -1.27 0.00	44.93 -0.87 0.00	48.28 -1.19 0.00	53.75 -0.98 0.00	55.41 -0.96 0.00	55.52 -1.30 0.00	62.94 -1.42 0.00	73.44 -3.46 0.00	89.80 -4.53 0.00	98.10 -4.51 0.00	89.35 -3.43 0.00	78.63 -2.43 0.00	70.89 -0.65 0.00	62.72 -0.51 0.00	55.97 -0.62 0.00
LOWER___HUDSON 24059	45.30 2.05 -7.86	40.81 1.99 -5.15	34.51 1.89 0.00	32.36 1.74 0.00	32.50 1.75 -1.04	32.11 1.71 -1.42	29.29 1.63 0.00	31.37 1.69 0.00	35.09 1.99 0.00	41.92 2.33 0.00	48.09 2.29 0.00	51.84 2.37 0.00	57.20 2.47 0.00	58.79 2.42 0.00	59.60 2.78 0.00	67.51 3.15 0.00	81.36 4.46 0.00	99.80 5.47 0.00	113.00 5.95 -4.44	130.78 5.10 -32.90	139.77 4.21 -54.49	94.65 3.72 -19.40	66.13 2.91 0.00	58.96 2.38 0.00
LOWVILLE_115KV_TB2 356335	36.10 0.71 0.00	34.24 0.57 0.00	33.17 0.55 0.00	31.17 0.55 0.00	30.34 0.59 -0.04	29.56 0.52 -0.05	27.96 0.30 0.00	30.01 0.33 0.00	33.43 0.33 0.00	39.86 0.28 0.00	46.07 0.27 0.00	49.86 0.40 0.00	55.39 0.66 0.00	56.99 0.62 0.00	57.39 0.57 0.00	65.26 0.90 0.00	78.52 1.61 0.00	96.87 2.55 0.00	106.20 3.59 0.00	96.68 3.90 0.00	84.95 3.89 0.00	74.90 3.36 0.00	65.75 2.53 0.00	58.45 1.87 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.69 2.30 -9.01	41.80 2.22 -5.90	34.70 2.09 0.00	32.51 1.90 0.00	32.63 1.87 -1.05	32.28 1.86 -1.44	29.46 1.80 0.00	31.55 1.87 0.00	35.25 2.15 0.00	42.19 2.61 0.00	48.41 2.61 0.00	52.29 2.82 0.00	57.80 3.07 0.00	59.47 3.10 0.00	60.23 3.41 0.00	68.22 3.86 0.00	82.44 5.54 0.00	101.31 6.98 0.00	115.80 7.90 -5.29	138.92 6.96 -39.18	152.03 6.08 -64.89	99.85 5.22 -23.10	67.33 4.11 0.00	59.81 3.23 0.00

LUTHERNY_35_KV_BK2 355980	46.73	41.80	34.70	32.54	32.66	32.28	29.48	31.55	35.25	42.19	48.45	52.34	57.85	59.53	60.29	68.28	82.51	101.40	116.01	139.01	152.11	99.93	67.40	59.87
	2.34	2.22	2.09	1.93	1.90	1.86	1.83	1.87	2.15	2.61	2.66	2.87	3.12	3.16	3.47	3.93	5.61	7.07	8.11	7.05	6.16	5.29	4.17	3.28
	-9.01	-5.90	0.00	0.00	-1.05	-1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.29	-39.18	-64.89	-23.10	0.00	0.00
LWR___OSWEGATCHIE_HYD 23850	35.60	33.77	32.68	30.68	29.80	28.96	27.38	29.42	32.77	39.07	45.34	49.02	54.46	55.97	56.31	64.10	76.05	93.48	102.40	93.34	82.03	73.11	64.36	57.44
	0.21	0.10	0.07	0.06	0.06	-0.06	-0.28	-0.27	-0.33	-0.51	-0.46	-0.45	-0.27	-0.39	-0.51	-0.26	-0.85	-0.85	-0.21	0.56	0.97	1.57	1.14	0.85
	0.00	0.00	0.00	0.00	-0.03	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LYONS_FALL_HYD 23570	36.17	34.35	33.27	31.26	30.43	29.67	28.13	30.19	33.63	40.17	46.44	50.26	55.77	57.33	57.84	65.77	79.13	97.54	106.72	96.86	84.95	74.83	65.69	58.51
	0.78	0.67	0.65	0.64	0.68	0.64	0.47	0.50	0.53	0.59	0.64	0.79	1.04	0.96	1.02	1.41	2.23	3.21	4.11	4.08	3.89	3.29	2.46	1.93
	0.00	0.00	0.00	0.00	-0.03	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MADISON___COUNTY_LFGE 323628	36.45	34.65	33.60	31.53	30.66	29.93	28.46	30.51	34.03	40.73	46.94	50.85	56.43	58.17	58.70	66.74	80.44	99.04	108.05	97.98	85.76	75.33	66.20	58.91
	1.06	0.98	0.98	0.92	0.89	0.87	0.80	0.83	0.93	1.15	1.14	1.39	1.70	1.80	1.88	2.38	3.54	4.72	5.44	5.20	4.70	3.79	2.97	2.32
	0.00	0.00	0.00	0.00	-0.06	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MALONE___115KV_TB1 356076	34.68	32.83	31.64	29.67	28.76	27.94	26.50	28.58	31.94	38.16	44.75	48.23	53.53	55.02	55.40	63.00	74.52	90.93	99.22	90.46	79.84	70.96	62.72	56.25
	-0.71	-0.84	-0.98	-0.95	-0.95	-1.04	-1.16	-1.10	-1.16	-1.42	-1.05	-1.24	-1.20	-1.35	-1.42	-1.35	-2.38	-3.40	-3.39	-2.32	-1.22	-0.57	-0.51	-0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAPLEWOD_115KV_TB3 80458	44.01	39.92	34.38	32.24	32.35	31.96	29.12	31.17	34.75	41.60	47.77	51.45	56.87	58.57	59.32	67.06	80.75	99.04	111.33	123.66	128.70	90.30	65.50	58.28
	1.91	1.85	1.76	1.62	1.60	1.57	1.47	1.48	1.65	2.02	1.97	1.98	2.13	2.20	2.50	2.70	3.85	4.72	5.13	4.27	3.57	3.08	2.28	1.70
	-6.71	-4.40	0.00	0.00	-1.03	-1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.59	-26.61	-44.07	-15.69	0.00	0.00
MAPLE_RIDGE_WT_1 323574	34.68	33.00	31.93	29.97	29.12	28.41	27.08	29.09	32.47	38.83	44.98	48.58	53.80	55.46	55.91	63.39	75.59	92.81	101.07	91.48	79.92	70.60	62.34	55.79
	-0.71	-0.67	-0.69	-0.64	-0.59	-0.58	-0.58	-0.59	-0.63	-0.75	-0.82	-0.89	-0.93	-0.90	-0.91	-0.96	-1.31	-1.51	-1.54	-1.30	-1.13	-0.93	-0.89	-0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAPLE_RIDGE_WT_2 323611	34.68	33.00	31.93	29.97	29.12	28.41	27.08	29.09	32.47	38.83	44.98	48.58	53.80	55.46	55.91	63.39	75.59	92.81	101.07	91.48	79.92	70.60	62.34	55.79
	-0.71	-0.67	-0.69	-0.64	-0.59	-0.58	-0.58	-0.59	-0.63	-0.75	-0.82	-0.89	-0.93	-0.90	-0.91	-0.96	-1.31	-1.51	-1.54	-1.30	-1.13	-0.93	-0.89	-0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARBLE_RIVER_WT_PWR 323696	34.12	32.29	31.05	29.12	28.23	27.51	26.14	28.17	31.51	37.64	44.10	47.54	52.82	54.39	54.44	61.78	73.29	89.71	97.89	88.97	78.14	69.32	61.45	54.94
	-1.27	-1.38	-1.57	-1.50	-1.48	-1.48	-1.52	-1.51	-1.59	-1.94	-1.69	-1.93	-1.92	-1.97	-2.38	-2.58	-3.61	-4.62	-4.72	-3.81	-2.91	-2.22	-1.77	-1.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARSHVLE_115KV_TB1 80742	46.78	42.01	35.29	33.09	33.32	32.99	29.87	31.82	35.52	42.43	48.82	52.63	58.13	59.81	60.34	68.47	82.75	102.35	117.89	139.81	151.32	101.39	69.93	61.96
	3.04	2.86	2.67	2.48	2.44	2.41	2.21	2.14	2.42	2.85	3.02	3.17	3.39	3.44	3.52	4.12	5.84	8.02	10.36	10.58	9.89	8.37	6.70	5.38
	-8.35	-5.47	0.00	0.00	-1.18	-1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.92	-36.45	-60.38	-21.49	0.00	0.00
MARSH_HILL_WT_PWR 323713	34.54	32.73	31.22	29.27	28.42	27.95	26.58	28.26	31.58	38.00	43.46	47.34	53.61	53.95	54.95	62.75	75.75	93.86	103.07	95.40	84.89	73.71	64.42	57.94
	-1.42	-1.31	-1.40	-1.35	-1.48	-1.30	-1.08	-1.42	-1.52	-1.58	-2.38	-2.13	-2.52	-2.42	-1.87	-1.61	-1.15	-0.47	0.31	1.48	1.94	1.50	1.20	1.36
	-0.57	-0.37	0.00	0.00	-0.19	-0.26	0.00	0.00	0.00	0.00	-0.04	0.00	-1.39	0.00	0.00	0.00	0.00	0.00	-0.15	-1.14	-1.89	-0.67	0.00	0.00
MCINTYRE_115KV_TB2 80467	35.53	33.67	32.55	30.55	29.65	28.75	27.16	29.18	32.44	38.59	45.07	48.63	54.02	55.52	55.74	63.39	74.13	90.93	99.63	91.02	80.41	72.32	63.92	57.32
	0.14	0.00	-0.07	-0.06	-0.06	-0.23	-0.50	-0.50	-0.66	-0.99	-0.73	-0.84	-0.71	-0.85	-1.08	-0.97	-2.77	-3.40	-2.98	-1.76	-0.65	0.79	0.70	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MECO_____69_KV_BK1 80468	47.71	42.70	35.62	33.37	33.58	33.22	30.23	32.30	36.05	43.10	49.51	53.52	59.17	60.93	61.59	69.95	84.51	104.70	120.61	143.94	156.83	103.88	70.75	62.64
	3.43	3.20	3.00	2.76	2.73	2.70	2.57	2.61	2.95	3.52	3.71	4.06	4.43	4.57	4.77	5.60	7.61	10.38	12.72	12.06	11.02	9.30	7.52	6.05
	-8.89	-5.83	0.00	0.00	-1.13	-1.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.28	-39.09	-64.75	-23.05	0.00	0.00
MENANDS___115KV_TB5 355628	43.67	39.66	34.25	32.15	32.23	31.87	29.01	31.08	34.59	41.44	47.58	51.20	56.54	58.29	58.98	66.67	80.21	98.38	110.26	121.84	126.19	89.02	64.99	57.83
	1.77	1.72	1.63	1.53	1.49	1.48	1.36	1.40	1.49	1.86	1.79	1.73	1.81	1.92	2.16	2.32	3.31	4.06	4.21	3.53	2.84	2.43	1.77	1.24
	-6.52	-4.27	0.00	0.00	-1.03	-1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.45	-25.53	-42.29	-15.05	0.00	0.00
MG INDUSTRY___DRP 24185	41.75	38.38	34.15	32.05	32.09	31.70	28.90	30.93	34.39	41.12	47.26	50.90	56.21	57.89	58.58	66.29	79.67	97.72	108.46	112.02	110.30	83.32	65.12	58.06
	1.59	1.58	1.53	1.44	1.37	1.33	1.24	1.25	1.29	1.54	1.47	1.43	1.48	1.52	1.76	1.93	2.77	3.40	3.69	3.25	2.76	2.36	1.90	1.47
	-4.77	-3.13	0.00	0.00	-1.02	-1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.16	-15.99	-26.48	-9.43	0.00	0.00

MID___OSWEGATCHIE_HYD 23849	35.60 0.21 0.00	33.77 0.10 0.00	32.68 0.07 0.00	30.68 0.06 0.00	29.80 0.06 -0.03	28.96 -0.06 -0.04	27.38 -0.28 0.00	29.42 -0.27 0.00	32.77 -0.33 0.00	39.07 -0.51 0.00	45.34 -0.46 0.00	49.02 -0.45 0.00	54.46 -0.27 0.00	55.97 -0.39 0.00	56.31 -0.51 0.00	64.10 -0.26 0.00	76.05 -0.85 0.00	93.48 -0.85 0.00	102.40 -0.21 0.00	93.34 0.56 0.00	82.03 0.97 0.00	73.11 1.57 0.00	64.36 1.14 0.00	57.44 0.85 0.00
MID___RAQUETTE_HYD 23851	35.10 -0.28 0.00	33.30 -0.37 0.00	32.16 -0.46 0.00	30.19 -0.43 0.00	29.22 -0.51 -0.01	28.34 -0.67 -0.02	26.77 -0.89 0.00	28.82 -0.86 0.00	32.14 -0.96 0.00	38.31 -1.27 0.00	44.75 -1.05 0.00	48.28 -1.19 0.00	53.64 -1.09 0.00	55.13 -1.24 0.00	55.40 -1.42 0.00	62.94 -1.42 0.00	73.44 -3.46 0.00	89.80 -4.53 0.00	98.09 -4.51 0.00	89.35 -3.43 0.00	78.63 -2.43 0.00	70.89 -0.64 0.00	62.72 -0.51 0.00	56.25 -0.34 0.00
MILLIKEN___1 23584	36.78 0.81 -0.57	34.86 0.81 -0.38	33.40 0.78 0.00	31.35 0.73 0.00	30.52 0.62 -0.19	29.88 0.64 -0.26	28.40 0.75 0.00	30.45 0.77 0.00	33.99 0.89 0.00	40.65 1.07 0.00	46.72 0.92 0.00	50.66 1.19 0.00	56.20 1.37 -0.10	57.89 1.52 0.00	58.47 1.65 0.00	66.35 2.00 0.00	80.05 3.15 0.00	98.67 4.34 0.00	107.70 4.93 -0.16	98.89 4.92 -1.20	87.50 4.46 -1.98	75.89 3.65 -0.70	66.13 2.91 0.00	58.85 2.26 0.00
MILLIKEN___2 23585	36.78 0.81 -0.57	34.86 0.81 -0.38	33.40 0.78 0.00	31.35 0.73 0.00	30.52 0.62 -0.19	29.88 0.64 -0.26	28.40 0.75 0.00	30.45 0.77 0.00	33.99 0.89 0.00	40.65 1.07 0.00	46.72 0.92 0.00	50.66 1.19 0.00	56.20 1.37 -0.10	57.89 1.52 0.00	58.47 1.65 0.00	66.35 2.00 0.00	80.05 3.15 0.00	98.67 4.34 0.00	107.70 4.93 -0.16	98.89 4.92 -1.20	87.50 4.46 -1.98	75.89 3.65 -0.70	66.13 2.91 0.00	58.85 2.26 0.00
MILLIKEN___DIESEL 23629	36.78 0.81 -0.57	34.86 0.81 -0.38	33.40 0.78 0.00	31.35 0.73 0.00	30.52 0.62 -0.19	29.88 0.64 -0.26	28.40 0.75 0.00	30.45 0.77 0.00	33.99 0.89 0.00	40.65 1.07 0.00	46.72 0.92 0.00	50.66 1.19 0.00	56.20 1.37 -0.10	57.89 1.52 0.00	58.47 1.65 0.00	66.35 2.00 0.00	80.05 3.15 0.00	98.67 4.34 0.00	107.70 4.93 -0.16	98.89 4.92 -1.20	87.50 4.46 -1.98	75.89 3.65 -0.70	66.13 2.91 0.00	58.85 2.26 0.00
MILLSEAT___LFGE 323607	35.03 -0.74 -0.39	33.35 -0.57 -0.25	31.87 -0.75 0.00	29.85 -0.76 0.00	28.75 -1.10 -0.14	28.19 -0.99 -0.19	26.94 -0.72 0.00	28.64 -1.04 0.00	32.01 -1.09 0.00	38.71 -0.87 0.00	44.69 -1.10 0.01	48.73 -0.74 0.00	53.10 -1.37 0.27	54.68 -1.69 0.00	55.57 -1.25 0.00	63.65 -0.71 0.00	76.44 -0.46 0.00	94.71 0.38 0.00	103.53 0.92 0.00	93.80 1.02 0.00	82.59 1.54 0.00	72.75 1.21 0.00	64.81 1.58 0.00	58.57 1.98 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.80 2.94 -2.47	38.09 2.79 -1.62	35.19 2.58 0.00	32.97 2.36 0.00	32.93 2.32 -0.90	32.47 2.26 -1.22	30.01 2.35 0.00	32.24 2.55 0.00	35.98 2.88 0.00	43.14 3.56 0.00	49.60 3.80 0.00	53.43 3.96 0.00	58.95 4.21 0.00	60.71 4.34 0.00	61.54 4.72 0.00	69.37 5.02 0.00	83.98 7.07 0.00	102.82 8.49 0.00	112.23 9.03 -0.59	104.76 7.61 -4.37	94.37 6.08 -7.24	78.98 4.86 -2.58	66.89 3.67 0.00	59.53 2.94 0.00
MILLWOOD_13_KV_LOAD 356217	40.90 3.04 -2.47	38.19 2.90 -1.62	35.26 2.64 0.00	33.06 2.45 0.00	33.01 2.41 -0.90	32.56 2.35 -1.22	30.09 2.43 0.00	32.35 2.67 0.00	36.11 3.01 0.00	43.30 3.72 0.00	49.78 3.98 0.00	53.62 4.16 0.00	59.17 4.43 0.00	60.99 4.62 0.00	61.82 5.00 0.00	69.70 5.34 0.00	84.36 7.46 0.00	103.29 8.96 0.00	112.84 9.65 -0.59	105.31 8.16 -4.37	94.78 6.48 -7.24	79.26 5.15 -2.58	67.14 3.92 0.00	59.76 3.17 0.00
MODEL_CITY_ENERGY 24167	33.96 -1.84 -0.41	32.36 -1.58 -0.27	30.86 -1.76 0.00	28.93 -1.68 0.00	27.83 -2.02 -0.14	27.36 -1.83 -0.20	26.19 -1.47 0.00	27.75 -1.93 0.00	31.05 -2.05 0.00	37.44 -2.14 0.00	43.45 -2.33 0.01	47.39 -2.08 0.00	51.34 -3.06 0.32	52.76 -3.61 0.00	53.64 -3.18 0.00	61.40 -2.96 0.00	73.44 -3.46 0.00	90.74 -3.58 0.00	99.01 -3.59 0.00	89.72 -3.06 0.00	78.87 -2.18 0.00	69.53 -2.00 0.00	62.34 -0.89 0.00	56.53 -0.06 0.00
MODERN_LFGE___ 323580	33.96 -1.84 -0.41	32.36 -1.58 -0.27	30.86 -1.76 0.00	28.93 -1.68 0.00	27.83 -2.02 -0.14	27.36 -1.83 -0.20	26.19 -1.47 0.00	27.75 -1.93 0.00	31.05 -2.05 0.00	37.44 -2.14 0.00	43.45 -2.33 0.01	47.39 -2.08 0.00	51.34 -3.06 0.32	52.76 -3.61 0.00	53.64 -3.18 0.00	61.40 -2.96 0.00	73.44 -3.46 0.00	90.74 -3.58 0.00	99.01 -3.59 0.00	89.72 -3.06 0.00	78.87 -2.18 0.00	69.53 -2.00 0.00	62.34 -0.89 0.00	56.53 -0.06 0.00
MOHAWK_PAPER___DRP 24187	44.01 1.91 -6.71	39.92 1.85 -4.40	34.38 1.76 0.00	32.24 1.62 0.00	32.35 1.60 -1.03	31.96 1.57 -1.41	29.12 1.47 0.00	31.17 1.48 0.00	34.75 1.65 0.00	41.60 2.02 0.00	47.77 1.97 0.00	51.45 1.98 0.00	56.87 2.13 0.00	58.57 2.20 0.00	59.32 2.50 0.00	67.06 2.70 0.00	80.75 3.85 0.00	99.04 4.72 0.00	111.33 5.13 -3.59	123.66 4.27 -26.61	128.70 3.57 -44.07	90.30 3.08 -15.69	65.50 2.28 0.00	58.28 1.70 0.00
MOHICAN___35_KV_115KV_LD 80490	46.82 2.37 -9.06	41.90 2.29 -5.94	34.70 2.09 0.00	32.54 1.93 0.00	32.67 1.90 -1.05	32.31 1.88 -1.44	29.51 1.85 0.00	31.58 1.90 0.00	35.35 2.25 0.00	42.35 2.77 0.00	48.41 2.61 0.00	52.29 2.82 0.00	57.80 3.07 0.00	59.41 3.04 0.00	60.17 3.35 0.00	68.22 3.86 0.00	82.98 6.08 0.00	102.16 7.83 0.00	117.28 9.34 -5.33	140.52 8.26 -39.48	153.67 7.21 -65.39	100.96 6.15 -23.28	67.97 4.74 0.00	60.27 3.68 0.00
MONGAUP___HYD 23641	40.58 2.83 -2.36	37.88 2.66 -1.55	35.00 2.38 0.00	32.73 2.11 0.00	32.68 2.11 -0.86	32.18 2.03 -1.17	29.70 2.05 0.00	31.82 2.14 0.00	35.55 2.45 0.00	42.47 2.89 0.00	48.69 2.89 0.00	52.59 3.12 0.00	58.07 3.34 0.00	59.75 3.38 0.00	60.69 3.87 0.00	69.18 4.83 0.00	83.82 6.92 0.00	102.25 7.92 0.00	111.99 8.83 -0.56	104.63 7.70 -4.15	94.33 6.40 -6.87	78.91 4.93 -2.45	67.65 4.42 0.00	60.32 3.73 0.00
MONTAUK___DIESEL 23721	42.43 4.57 -2.48	39.30 4.01 -1.62	35.88 3.26 0.00	33.58 2.97 0.00	33.49 2.88 -0.90	32.85 2.64 -1.23	30.59 2.93 0.00	33.19 3.50 0.00	37.20 4.10 0.00	45.24 5.66 -3.31	55.20 6.09 -3.12	59.31 6.73 -0.02	62.53 7.77 -0.11	64.48 8.00 -0.54	65.77 8.41 -0.54	75.66 9.20 -2.10	93.68 12.77 -4.02	136.37 15.66 -26.39	135.06 16.11 -16.34	111.35 14.01 -4.56	98.17 10.70 -6.42	85.00 9.16 -4.31	72.56 7.52 -1.81	63.89 7.30 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.71 -2.16 -0.48	32.03 -1.95 -0.31	30.46 -2.15 0.00	28.53 -2.08 0.00	27.38 -2.50 -0.17	26.92 -2.29 -0.23	25.91 -1.74 0.00	27.58 -2.11 0.00	31.01 -2.09 0.00	37.36 -2.22 0.00	42.54 -3.25 0.01	46.35 -3.12 0.00	50.98 -3.50 0.25	53.32 -3.04 0.00	54.04 -2.78 0.00	62.23 -2.12 0.00	74.98 -1.92 0.00	93.29 -1.04 0.00	102.33 -0.41 -0.13	93.83 0.09 -0.95	83.37 0.73 -1.58	72.67 0.57 -0.56	64.55 1.33 0.00	57.83 1.24 0.00

MORRIS_RIDGE___SOLAR 323848	34.56 -1.38 -0.55	32.82 -1.21 -0.36	31.28 -1.34 0.00	29.33 -1.28 0.00	28.44 -1.46 -0.19	27.97 -1.27 -0.26	26.58 -1.08 0.00	28.17 -1.51 0.00	31.38 -1.72 0.00	37.64 -1.94 0.00	42.98 -2.75 0.07	46.84 -2.62 0.00	49.25 -3.23 2.26	53.16 -3.21 0.00	54.15 -2.67 0.00	61.91 -2.45 0.00	74.44 -2.46 0.00	92.16 -2.17 0.00	101.11 -1.65 -0.15	93.42 -0.46 -1.10	83.21 0.33 -1.83	72.40 0.22 -0.65	63.61 0.38 0.00	57.38 0.79 0.00
MORTIMER_115KV_TB3 55949	35.32 -0.39 -0.32	33.62 -0.27 -0.21	32.26 -0.36 0.00	30.25 -0.37 0.00	29.41 -0.42 -0.12	28.71 -0.43 -0.16	27.30 -0.36 0.00	29.18 -0.50 0.00	32.67 -0.43 0.00	39.42 -0.16 0.00	45.20 -0.60 0.00	49.22 -0.25 0.00	54.57 -0.16 0.00	56.37 0.00 0.00	56.88 0.06 0.00	64.81 0.45 0.00	77.75 0.85 0.00	95.93 1.60 0.00	104.46 1.85 0.00	94.64 1.86 0.00	83.00 1.95 0.00	73.11 1.57 0.00	65.06 1.83 0.00	58.17 1.58 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.12 3.26 -2.48	38.36 3.06 -1.62	35.42 2.81 0.00	33.22 2.60 0.00	33.14 2.53 -0.90	32.68 2.46 -1.23	30.23 2.57 0.00	32.53 2.85 0.00	36.28 3.18 0.00	43.58 4.00 0.00	50.10 4.31 0.00	53.97 4.50 0.00	59.49 4.76 0.00	61.22 4.85 0.00	62.05 5.23 0.00	69.83 5.47 0.00	84.59 7.69 0.00	103.48 9.15 0.00	113.05 9.85 -0.59	105.51 8.35 -4.38	95.05 6.73 -7.26	79.41 5.29 -2.58	67.27 4.05 0.00	59.98 3.40 0.00
MUNSVILLE_WIND_PWR 323609	38.62 2.12 -1.11	36.39 1.99 -0.73	34.51 1.89 0.00	32.48 1.87 0.00	31.93 1.93 -0.29	31.30 1.91 -0.40	29.37 1.72 0.00	31.49 1.81 0.00	35.15 2.05 0.00	42.08 2.50 0.00	48.32 2.52 0.00	52.49 3.02 0.00	58.36 3.56 -0.07	59.86 3.50 0.00	60.57 3.75 0.00	69.44 5.08 0.00	84.52 7.61 0.00	104.98 10.66 0.00	115.60 12.62 -0.37	107.67 12.15 -2.74	96.62 11.02 -4.54	82.16 9.01 -1.61	70.24 7.02 0.00	62.47 5.88 0.00
N SALMON___HYD 24042	34.68 -0.71 0.00	32.83 -0.84 0.00	31.64 -0.98 0.00	29.67 -0.95 0.00	28.73 -0.98 0.00	27.94 -1.04 0.00	26.50 -1.16 0.00	28.59 -1.10 0.00	31.94 -1.16 0.00	38.16 -1.42 0.00	44.79 -1.01 0.00	48.23 -1.23 0.00	53.75 -0.98 0.00	55.41 -0.96 0.00	55.52 -1.30 0.00	63.00 -1.35 0.00	74.52 -2.38 0.00	90.94 -3.39 0.00	99.23 -3.38 0.00	90.47 -2.32 0.00	79.85 -1.21 0.00	70.96 -0.57 0.00	62.72 -0.51 0.00	56.02 -0.57 0.00
N.AKRON__115KV_KNAPP 355671	34.97 -0.81 -0.39	33.29 -0.64 -0.26	31.77 -0.85 0.00	29.79 -0.83 0.00	28.78 -1.07 -0.14	28.16 -1.01 -0.19	26.86 -0.80 0.00	28.56 -1.13 0.00	31.97 -1.13 0.00	38.63 -0.95 0.00	44.55 -1.24 0.01	48.63 -0.84 0.00	52.92 -1.53 0.28	54.85 -1.52 0.00	55.40 -1.42 0.00	63.52 -0.84 0.00	76.13 -0.77 0.00	94.33 0.00 0.00	103.02 0.41 0.00	93.52 0.74 0.00	82.19 1.13 0.00	72.47 0.93 0.00	65.12 1.90 0.00	58.34 1.75 0.00
N.E_GEN_SANDY PD 24062	41.45 2.34 -3.73	38.34 2.22 -2.44	35.63 2.19 -0.83	34.97 1.99 -2.37	34.84 1.96 -3.17	35.40 1.91 -4.50	34.50 1.88 -4.96	36.60 2.02 -4.90	39.10 2.32 -3.68	42.40 2.77 -0.05	48.50 2.70 0.00	52.24 2.77 0.00	57.58 2.84 0.00	59.13 2.76 0.00	60.00 3.18 0.00	67.89 3.54 0.00	81.90 5.00 0.00	100.27 5.95 0.00	110.20 6.16 -1.43	108.60 5.19 -10.63	102.40 4.05 -17.29	81.69 3.58 -6.58	66.00 2.78 0.00	58.91 2.32 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.72 2.90 -2.43	38.06 2.79 -1.60	35.16 2.54 0.00	32.94 2.33 0.00	32.85 2.26 -0.89	32.42 2.23 -1.21	29.95 2.30 0.00	32.18 2.49 0.00	35.91 2.81 0.00	43.02 3.44 0.00	49.42 3.62 0.00	53.28 3.81 0.00	58.78 4.05 0.00	60.60 4.23 0.00	61.48 4.66 0.00	69.37 5.02 0.00	83.98 7.07 0.00	102.82 8.49 0.00	112.22 9.03 -0.58	104.68 7.61 -4.29	94.25 6.08 -7.11	78.86 4.79 -2.53	66.83 3.60 0.00	59.47 2.89 0.00
N.QUEENS_27_KV_LOAD 356247	41.48 3.61 -2.49	38.74 3.43 -1.63	35.72 3.10 -0.01	33.56 2.94 -0.01	33.47 2.85 -0.91	33.03 2.81 -1.24	30.51 2.85 -0.01	32.84 3.15 -0.01	36.58 3.48 -0.01	44.02 4.43 -0.01	50.57 4.76 -0.01	54.37 4.90 -0.01	59.89 5.14 -0.01	61.56 5.19 -0.01	62.23 5.40 -0.01	69.70 5.34 -0.01	84.52 7.61 -0.01	103.39 9.06 -0.01	112.96 9.75 -0.60	105.43 8.26 -4.39	94.89 6.57 -7.27	79.28 5.15 -2.59	67.09 3.86 -0.01	60.10 3.51 -0.01
N.TROY___115KV_TB1 355778	45.30 2.05 -7.86	40.81 1.99 -5.15	34.51 1.89 0.00	32.36 1.75 0.00	32.47 1.72 -1.04	32.08 1.68 -1.42	29.29 1.63 0.00	31.38 1.69 0.00	35.02 1.92 0.00	41.92 2.34 0.00	48.09 2.29 0.00	51.84 2.37 0.00	57.25 2.52 0.00	58.96 2.59 0.00	59.72 2.90 0.00	67.51 3.15 0.00	81.36 4.46 0.00	99.80 5.47 0.00	113.00 5.95 -4.44	130.78 5.10 -32.90	139.77 4.22 -54.49	94.65 3.72 -19.40	66.07 2.85 0.00	58.74 2.15 0.00
NARROWS_GT1_1 24228	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NARROWS_GT1_2 24229	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NARROWS_GT1_3 24230	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NARROWS_GT1_4 24231	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NARROWS_GT1_5 24232	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01

NARROWS_GT1_6 24233	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NARROWS_GT1_7 24234	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NARROWS_GT1_8 24235	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NARROWS_GT2_1 24236	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NARROWS_GT2_2 24237	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NARROWS_GT2_3 24238	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NARROWS_GT2_4 24239	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NARROWS_GT2_5 24240	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NARROWS_GT2_6 24241	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NARROWS_GT2_7 24242	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NARROWS_GT2_8 24243	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.90 5.54 -0.01	104.72 7.76 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.90 1.91 -4.60	38.51 1.82 -3.02	34.64 2.02 0.00	32.45 1.84 0.00	32.13 1.43 -1.00	31.73 1.39 -1.36	29.21 1.55 0.00	31.17 1.48 0.00	34.65 1.56 0.00	41.40 1.82 0.00	47.58 1.79 0.00	51.15 1.68 0.00	56.54 1.81 0.00	58.40 2.03 0.00	59.32 2.50 0.00	67.57 3.22 0.00	81.67 4.77 0.00	100.65 6.32 0.00	110.93 6.26 -2.06	113.58 5.57 -15.24	111.08 4.78 -25.23	84.38 3.86 -8.98	66.70 3.48 0.00	59.19 2.60 0.00
NCHELSEA_115KV_TR2 355582	40.90 3.01 -2.51	38.18 2.86 -1.64	35.23 2.61 0.00	32.94 2.33 0.00	32.87 2.26 -0.90	32.42 2.20 -1.23	29.93 2.27 0.00	32.12 2.43 0.00	35.85 2.75 0.00	42.94 3.36 0.00	49.42 3.62 0.00	53.33 3.86 0.00	58.95 4.21 0.00	60.88 4.51 0.00	61.82 5.00 0.00	70.02 5.66 0.00	84.74 7.84 0.00	103.85 9.53 0.00	113.48 10.26 -0.61	106.02 8.72 -4.52	95.68 7.13 -7.49	79.85 5.65 -2.67	67.59 4.36 0.00	59.98 3.40 0.00
NEG CAPITAL___MECHNVIL 23645	46.53 2.44 -8.70	41.70 2.32 -5.70	34.80 2.19 0.00	32.64 2.02 0.00	32.75 1.99 -1.05	32.39 1.97 -1.43	29.54 1.88 0.00	31.64 1.96 0.00	35.42 2.32 0.00	42.35 2.77 0.00	48.59 2.79 0.00	52.49 3.02 0.00	58.02 3.28 0.00	59.58 3.21 0.00	60.40 3.58 0.00	68.54 4.18 0.00	82.82 5.92 0.00	101.78 7.45 0.00	116.09 8.42 -5.06	137.61 7.33 -37.50	149.50 6.33 -62.12	99.08 5.43 -22.11	67.53 4.30 0.00	60.15 3.57 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.89 -0.81 -0.31	33.17 -0.71 -0.21	31.90 -0.72 0.00	29.91 -0.70 0.00	28.93 -0.89 -0.11	28.27 -0.87 -0.15	27.02 -0.64 0.00	28.94 -0.74 0.00	32.37 -0.73 0.00	39.06 -0.52 0.00	44.88 -0.92 0.00	48.82 -0.64 0.00	54.19 -0.55 0.00	55.75 -0.62 0.00	56.43 -0.39 0.00	64.23 -0.13 0.00	77.21 0.31 0.00	95.17 0.85 0.00	103.63 1.03 0.00	93.71 0.93 0.00	82.19 1.13 0.00	72.25 0.72 0.00	63.86 0.63 0.00	57.32 0.73 0.00

NEG CENTRAL___DRP 24199	35.95 0.21 -0.35	34.14 0.24 -0.23	32.81 0.20 0.00	30.77 0.15 0.00	29.89 0.06 -0.12	29.24 0.09 -0.17	27.91 0.25 0.00	29.89 0.21 0.00	33.40 0.30 0.00	40.06 0.47 0.00	45.94 0.14 0.00	49.86 0.40 0.00	55.36 0.49 -0.13	57.10 0.73 0.00	57.67 0.85 0.00	65.51 1.16 0.00	78.90 2.00 0.00	96.97 2.64 0.00	105.58 2.98 0.00	95.75 2.97 0.00	84.06 3.00 0.00	74.04 2.50 0.00	65.31 2.09 0.00	58.17 1.58 0.00
NEG CENTRAL___INDECK 23768	36.32 0.46 -0.47	34.49 0.51 -0.31	32.98 0.36 0.00	30.92 0.31 0.00	29.93 0.06 -0.16	29.30 0.09 -0.22	27.91 0.25 0.00	29.56 -0.12 0.00	32.74 -0.36 0.00	39.26 -0.32 0.00	44.84 -1.01 -0.05	48.67 -0.79 0.00	53.59 -2.57 -1.43	53.83 -2.54 0.00	54.72 -2.10 0.00	62.49 -1.87 0.00	75.59 -1.31 0.00	94.05 -0.28 0.00	103.97 1.24 -0.13	96.32 2.59 -0.95	85.87 3.25 -1.57	74.81 2.72 -0.56	65.37 2.15 0.00	58.68 2.09 0.00
NEG CENTRAL___SENECA 23627	36.06 0.28 -0.39	34.23 0.30 -0.26	32.85 0.23 0.00	30.80 0.18 0.00	29.88 0.03 -0.14	29.23 0.06 -0.19	27.93 0.28 0.00	29.92 0.24 0.00	33.43 0.33 0.00	40.13 0.55 0.00	45.85 0.05 -0.01	49.81 0.35 0.00	55.38 0.44 -0.21	57.05 0.68 0.00	57.73 0.91 0.00	65.58 1.22 0.00	79.13 2.23 0.00	96.97 2.64 0.00	105.79 3.18 0.00	96.03 3.25 0.00	84.46 3.40 0.00	74.54 3.00 0.00	65.75 2.53 0.00	58.57 1.98 0.00
NEG CENTRAL___STATE_STREET 24147	36.01 0.28 -0.34	34.17 0.27 -0.22	32.91 0.29 0.00	30.86 0.24 0.00	30.01 0.18 -0.12	29.35 0.20 -0.17	27.96 0.30 0.00	30.01 0.33 0.00	33.53 0.43 0.00	40.17 0.59 0.00	46.26 0.46 0.00	50.16 0.69 0.00	55.61 0.88 0.00	57.50 1.13 0.00	58.07 1.25 0.00	65.77 1.42 0.00	79.28 2.38 0.00	97.53 3.21 0.00	106.10 3.49 0.00	96.31 3.53 0.00	84.22 3.16 0.00	74.11 2.58 0.00	65.18 1.96 0.00	58.06 1.47 0.00
NEG MILLWOOD___DRP 24198	41.08 3.18 -2.51	38.31 3.00 -1.64	35.32 2.71 0.00	33.13 2.51 0.00	33.11 2.50 -0.91	32.66 2.43 -1.24	30.12 2.46 0.00	32.35 2.67 0.00	36.18 3.08 0.00	43.38 3.80 0.00	49.92 4.12 0.00	53.92 4.45 0.00	59.49 4.76 0.00	61.39 5.02 0.00	62.39 5.57 0.00	70.53 6.18 0.00	85.21 8.31 0.00	104.61 10.28 0.00	114.30 11.08 -0.61	106.73 9.46 -4.49	96.11 7.62 -7.43	80.19 6.01 -2.65	67.84 4.62 0.00	60.21 3.62 0.00
NEG NORTH_FLCN_SEA 23793	34.47 -0.92 0.00	32.63 -1.04 0.00	31.35 -1.27 0.00	29.36 -1.26 0.00	28.49 -1.22 0.00	27.74 -1.25 0.00	26.33 -1.33 0.00	28.41 -1.28 0.00	31.78 -1.32 0.00	37.96 -1.62 0.00	44.52 -1.28 0.00	47.69 -1.78 0.00	52.11 -2.63 0.00	53.27 -3.10 0.00	53.69 -3.13 0.00	61.07 -3.28 0.00	72.52 -4.38 0.00	88.67 -5.66 0.00	96.76 -5.85 0.00	87.96 -4.82 0.00	77.41 -3.65 0.00	68.60 -2.93 0.00	60.76 -2.47 0.00	54.55 -2.04 0.00
NEG NORTH_KES_CHATEGAY 23792	34.11 -1.27 0.00	32.29 -1.38 0.00	31.05 -1.57 0.00	29.11 -1.50 0.00	28.25 -1.46 0.00	27.51 -1.48 0.00	26.11 -1.55 0.00	28.14 -1.54 0.00	31.44 -1.65 0.00	37.56 -2.02 0.00	44.01 -1.79 0.00	47.44 -2.03 0.00	52.49 -2.24 0.00	53.94 -2.42 0.00	54.32 -2.50 0.00	61.85 -2.51 0.00	73.29 -3.61 0.00	89.80 -4.53 0.00	98.09 -4.51 0.00	89.26 -3.53 0.00	78.46 -2.59 0.00	69.53 -2.00 0.00	61.58 -1.64 0.00	55.34 -1.24 0.00
NEG NORTH___ALICE_FALLS 23915	34.54 -0.85 0.00	32.70 -0.98 0.00	31.44 -1.17 0.00	29.45 -1.16 0.00	28.58 -1.13 0.00	27.83 -1.16 0.00	26.39 -1.27 0.00	28.47 -1.22 0.00	31.84 -1.26 0.00	38.08 -1.50 0.00	44.61 -1.19 0.00	47.93 -1.53 0.00	52.76 -1.97 0.00	54.06 -2.31 0.00	54.43 -2.39 0.00	61.97 -2.38 0.00	73.67 -3.23 0.00	89.99 -4.34 0.00	98.20 -4.41 0.00	89.35 -3.43 0.00	78.79 -2.27 0.00	69.82 -1.72 0.00	61.77 -1.45 0.00	55.40 -1.19 0.00
NEG NORTH___LWR_SARANAC 23913	34.54 -0.85 0.00	32.70 -0.98 0.00	31.44 -1.17 0.00	29.45 -1.16 0.00	28.58 -1.13 0.00	27.83 -1.16 0.00	26.39 -1.27 0.00	28.47 -1.22 0.00	31.84 -1.26 0.00	38.08 -1.50 0.00	44.61 -1.19 0.00	47.93 -1.53 0.00	52.76 -1.97 0.00	54.06 -2.31 0.00	54.43 -2.39 0.00	61.97 -2.38 0.00	73.67 -3.23 0.00	89.99 -4.34 0.00	98.20 -4.41 0.00	89.35 -3.43 0.00	78.79 -2.27 0.00	69.82 -1.72 0.00	61.77 -1.45 0.00	55.40 -1.19 0.00
NEG NORTH___PLATTSBURG 23628	34.54 -0.85 0.00	32.69 -0.98 0.00	31.44 -1.17 0.00	29.45 -1.16 0.00	28.55 -1.16 0.00	27.80 -1.19 0.00	26.39 -1.27 0.00	28.46 -1.22 0.00	31.84 -1.26 0.00	38.08 -1.50 0.00	44.66 -1.14 0.00	47.93 -1.53 0.00	53.26 -1.48 0.00	54.68 -1.69 0.00	54.60 -2.22 0.00	61.98 -2.38 0.00	73.67 -3.23 0.00	89.99 -4.34 0.00	98.10 -4.51 0.00	89.35 -3.43 0.00	78.79 -2.27 0.00	69.82 -1.72 0.00	61.77 -1.45 0.00	55.17 -1.41 0.00
NEG WEST_LEA_LOCKPORT 23791	34.27 -1.52 -0.41	32.63 -1.31 -0.27	31.12 -1.50 0.00	29.18 -1.44 0.00	28.19 -1.66 -0.14	27.61 -1.57 -0.19	26.39 -1.27 0.00	27.99 -1.69 0.00	31.34 -1.75 0.00	37.80 -1.78 0.00	43.54 -2.24 0.01	47.54 -1.93 0.00	51.43 -2.96 0.35	53.38 -2.99 0.00	53.92 -2.90 0.00	61.78 -2.57 0.00	73.82 -3.08 0.00	91.31 -3.02 0.00	99.43 -3.18 0.00	90.37 -2.41 0.00	79.44 -1.62 0.00	70.10 -1.43 0.00	63.29 0.06 0.00	56.87 0.28 0.00
NEG WEST___LANCASTR 23811	34.38 -1.49 -0.48	32.67 -1.31 -0.31	31.12 -1.50 0.00	29.18 -1.44 0.00	27.50 -2.38 -0.17	27.01 -2.20 -0.23	26.39 -1.27 0.00	28.05 -1.63 0.00	31.44 -1.65 0.00	37.84 -1.74 0.00	43.13 -2.66 0.01	46.99 -2.47 0.00	51.51 -2.90 0.32	53.78 -2.59 0.00	54.43 -2.39 0.00	62.30 -2.06 0.00	74.67 -2.23 0.00	92.35 -1.98 0.00	100.79 -1.95 -0.13	92.25 -1.48 -0.95	81.83 -0.81 -1.58	71.31 -0.79 -0.56	63.41 0.19 0.00	56.98 0.40 0.00
NEG_PENN_ALLEGHNY 23528	36.78 0.46 -0.93	34.79 0.51 -0.61	33.04 0.42 0.00	31.01 0.40 0.00	30.31 0.30 -0.30	29.74 0.35 -0.41	28.10 0.44 0.00	30.13 0.45 0.00	33.66 0.56 0.00	40.37 0.79 0.00	46.30 0.50 0.00	50.26 0.79 0.00	55.50 0.77 0.00	57.16 0.79 0.00	57.90 1.08 0.00	65.77 1.41 0.00	79.13 2.23 0.00	97.26 2.93 0.00	106.05 3.18 -0.26	97.66 2.97 -1.91	86.98 2.76 -3.16	74.88 2.22 -1.13	64.93 1.71 0.00	58.17 1.58 0.00
NEG___GEN_MONROE 24207	35.26 -0.46 -0.33	33.55 -0.34 -0.21	32.23 -0.39 0.00	30.25 -0.37 0.00	29.35 -0.48 -0.12	28.65 -0.49 -0.16	27.27 -0.39 0.00	29.03 -0.65 0.00	32.44 -0.66 0.00	39.11 -0.47 0.00	44.93 -0.87 0.00	48.92 -0.54 0.00	53.97 -0.77 0.00	55.81 -0.56 0.00	56.37 -0.45 0.00	64.42 0.06 0.00	77.44 0.54 0.00	95.55 1.23 0.00	104.35 1.74 0.00	94.54 1.76 0.00	83.00 1.95 0.00	73.18 1.65 0.00	65.25 2.02 0.00	58.34 1.75 0.00
NEPA___ENERGY 23901	34.81 -1.06 -0.48	33.11 -0.88 -0.31	31.54 -1.08 0.00	29.54 -1.07 0.00	28.36 -1.52 -0.17	27.85 -1.36 -0.23	26.77 -0.89 0.00	28.50 -1.19 0.00	31.94 -1.16 0.00	38.43 -1.15 0.00	43.73 -2.06 0.01	47.64 -1.83 0.00	52.19 -2.24 0.30	54.51 -1.86 0.00	55.12 -1.70 0.00	63.13 -1.22 0.00	75.75 -1.15 0.00	93.67 -0.66 0.00	102.23 -0.51 -0.13	93.55 -0.19 -0.96	82.97 0.32 -1.59	72.32 0.21 -0.57	64.24 1.01 0.00	57.61 1.02 0.00

NEVERSINK___HYD 23608	40.58 2.73 -2.46	37.84 2.56 -1.61	34.90 2.28 0.00	32.64 2.02 0.00	32.59 2.02 -0.86	32.12 1.97 -1.17	29.62 1.96 0.00	31.79 2.11 0.00	35.58 2.48 0.00	42.55 2.97 0.00	48.87 3.07 0.00	52.83 3.37 0.00	58.40 3.67 0.00	60.09 3.72 0.00	61.08 4.26 0.00	69.57 5.21 0.00	84.28 7.38 0.00	103.58 9.25 0.00	113.31 10.06 -0.64	106.26 8.72 -4.76	96.08 7.13 -7.89	79.93 5.58 -2.81	67.58 4.36 0.00	60.21 3.62 0.00
NEWKRMKL_115KV_TB1 55635	43.40 1.66 -6.35	39.45 1.62 -4.16	34.15 1.53 0.00	32.05 1.44 0.00	32.14 1.40 -1.03	31.76 1.36 -1.41	28.87 1.22 0.00	30.93 1.25 0.00	34.42 1.32 0.00	41.24 1.66 0.00	47.36 1.56 0.00	50.95 1.48 0.00	56.26 1.53 0.00	58.00 1.63 0.00	58.70 1.88 0.00	66.35 2.00 0.00	79.90 3.00 0.00	97.91 3.58 0.00	109.73 3.80 -3.32	120.43 3.06 -24.58	124.29 2.51 -40.72	88.17 2.15 -14.49	64.74 1.52 0.00	57.61 1.02 0.00
NEWTON___FALLS_HYD 23847	35.60 0.21 0.00	33.77 0.10 0.00	32.68 0.07 0.00	30.68 0.06 0.00	29.80 0.06 -0.03	28.96 -0.06 -0.04	27.38 -0.28 0.00	29.42 -0.27 0.00	32.77 -0.33 0.00	39.07 -0.51 0.00	45.34 -0.46 0.00	49.02 -0.45 0.00	54.46 -0.27 0.00	55.97 -0.39 0.00	56.31 -0.51 0.00	64.10 -0.26 0.00	76.05 -0.85 0.00	93.48 -0.85 0.00	102.40 -0.21 0.00	93.34 0.56 0.00	82.03 0.97 0.00	73.11 1.57 0.00	64.36 1.14 0.00	57.44 0.85 0.00
NGRID_A1_DSASP 323792	34.07 -1.73 -0.41	32.50 -1.45 -0.27	30.99 -1.63 0.00	29.12 -1.50 0.00	27.98 -1.87 -0.14	27.53 -1.65 -0.20	26.30 -1.35 0.00	27.75 -1.93 0.00	30.88 -2.22 0.00	37.21 -2.37 0.01	43.27 -2.52 0.00	47.19 -2.27 0.00	50.69 -3.72 0.32	52.53 -3.83 0.00	53.35 -3.47 0.00	61.01 -3.35 0.00	72.90 -4.00 0.00	89.90 -4.43 0.00	98.10 -4.51 0.00	88.79 -3.99 0.00	78.06 -3.00 0.00	68.82 -2.72 0.00	61.89 -1.33 0.00	56.36 -0.23 0.00
NGRID_A2_DSASP 323793	34.07 -1.73 -0.41	32.50 -1.45 -0.27	30.99 -1.63 0.00	29.12 -1.50 0.00	27.98 -1.87 -0.14	27.53 -1.65 -0.20	26.30 -1.35 0.00	27.75 -1.93 0.00	30.88 -2.22 0.00	37.21 -2.37 0.01	43.27 -2.52 0.00	47.19 -2.27 0.00	50.69 -3.72 0.32	52.53 -3.83 0.00	53.35 -3.47 0.00	61.01 -3.35 0.00	72.90 -4.00 0.00	89.90 -4.43 0.00	98.10 -4.51 0.00	88.79 -3.99 0.00	78.06 -3.00 0.00	68.82 -2.72 0.00	61.89 -1.33 0.00	56.36 -0.23 0.00
NGRID_A4_DSASP 323807	34.07 -1.73 -0.41	32.50 -1.45 -0.27	30.99 -1.63 0.00	29.12 -1.50 0.00	27.98 -1.87 -0.14	27.53 -1.65 -0.20	26.30 -1.35 0.00	27.75 -1.93 0.00	30.88 -2.22 0.00	37.21 -2.37 0.01	43.27 -2.52 0.00	47.19 -2.27 0.00	50.69 -3.72 0.32	52.53 -3.83 0.00	53.35 -3.47 0.00	61.01 -3.35 0.00	72.90 -4.00 0.00	89.90 -4.43 0.00	98.10 -4.51 0.00	88.79 -3.99 0.00	78.06 -3.00 0.00	68.82 -2.72 0.00	61.89 -1.33 0.00	56.36 -0.23 0.00
NIAGARA_115E_LBMP 323715	33.75 -2.05 -0.41	32.16 -1.79 -0.27	30.69 -1.92 0.00	28.78 -1.84 0.00	27.69 -2.17 -0.14	27.21 -1.97 -0.20	26.05 -1.60 0.00	27.64 -2.05 0.00	30.88 -2.22 0.00	37.25 -2.34 0.01	43.31 -2.47 0.00	47.24 -2.23 0.00	51.12 -3.28 0.33	52.53 -3.83 0.00	53.35 -3.47 0.00	61.08 -3.28 0.00	73.06 -3.84 0.00	90.18 -4.15 0.00	98.40 -4.21 0.00	89.16 -3.62 0.00	78.39 -2.67 0.00	69.10 -2.43 0.00	61.96 -1.26 0.00	56.25 -0.34 0.00
NIAGARA_115W_LBMP 323714	34.03 -1.77 -0.41	32.43 -1.51 -0.27	30.96 -1.66 0.00	29.05 -1.56 0.00	27.95 -1.90 -0.14	27.47 -1.71 -0.20	26.25 -1.41 0.00	27.69 -1.99 0.00	30.82 -2.28 0.00	37.13 -2.45 0.01	43.22 -2.56 0.00	47.14 -2.32 0.00	50.58 -3.83 0.32	52.42 -3.95 0.00	53.24 -3.58 0.00	60.88 -3.48 0.00	72.67 -4.23 0.00	89.71 -4.62 0.00	97.89 -4.72 0.00	88.61 -4.17 0.00	77.90 -3.16 0.00	68.67 -2.86 0.00	61.71 -1.52 0.00	56.19 -0.39 0.00
NIAGARA_230_LBMP 323716	34.17 -1.63 -0.41	32.56 -1.38 -0.27	31.08 -1.53 0.00	29.15 -1.47 0.00	28.04 -1.81 -0.14	27.56 -1.62 -0.19	26.41 -1.24 0.00	28.02 -1.66 0.00	31.31 -1.79 0.00	37.72 -1.86 0.00	43.18 -2.61 0.01	47.09 -2.37 0.00	51.47 -2.96 0.31	53.27 -3.10 0.00	54.09 -2.73 0.00	61.78 -2.58 0.00	73.90 -3.00 0.00	91.12 -3.21 0.00	99.43 -3.18 0.00	90.00 -2.78 0.00	79.11 -1.95 0.00	69.75 -1.79 0.00	62.47 -0.76 0.00	56.76 0.17 0.00
NIAGARA___115KV_198_GIBSON 55903	34.03 -1.77 -0.41	32.46 -1.48 -0.27	30.92 -1.70 0.00	29.05 -1.56 0.00	28.10 -1.75 -0.14	27.56 -1.62 -0.20	26.22 -1.44 0.00	27.69 -1.99 0.00	30.85 -2.25 0.00	37.17 -2.41 0.00	43.18 -2.61 0.01	47.14 -2.32 0.00	50.58 -3.83 0.32	52.70 -3.66 0.00	53.24 -3.58 0.00	60.88 -3.48 0.00	72.67 -4.23 0.00	89.71 -4.62 0.00	97.68 -4.93 0.00	88.61 -4.18 0.00	77.90 -3.16 0.00	68.67 -2.86 0.00	62.28 -0.95 0.00	56.19 -0.40 0.00
NIAGARA___ 23760	34.17 -1.63 -0.41	32.56 -1.38 -0.27	31.08 -1.53 0.00	29.15 -1.47 0.00	28.04 -1.81 -0.14	27.56 -1.62 -0.20	26.41 -1.24 0.00	28.02 -1.66 0.00	31.31 -1.79 0.00	37.72 -1.86 0.00	43.18 -2.61 0.01	47.09 -2.37 0.00	51.46 -2.96 0.32	53.27 -3.10 0.00	54.09 -2.73 0.00	61.78 -2.58 0.00	73.90 -3.00 0.00	91.12 -3.21 0.00	99.43 -3.18 0.00	90.00 -2.78 0.00	79.11 -1.95 0.00	69.75 -1.79 0.00	62.47 -0.76 0.00	56.76 0.17 0.00
NINE_MILE_1 23575	34.47 -0.92 0.00	32.83 -0.84 0.00	31.90 -0.72 0.00	29.94 -0.67 0.00	29.09 -0.68 -0.06	28.40 -0.67 -0.08	27.08 -0.58 0.00	29.06 -0.62 0.00	32.30 -0.79 0.00	38.71 -0.87 0.00	44.66 -1.14 0.00	48.33 -1.14 0.00	53.48 -1.26 0.00	55.07 -1.29 0.00	55.57 -1.25 0.00	63.00 -1.35 0.00	75.59 -1.31 0.00	92.81 -1.51 0.00	100.96 -1.65 0.00	91.39 -1.39 0.00	79.85 -1.21 0.00	70.39 -1.15 0.00	62.09 -1.14 0.00	55.57 -1.02 0.00
NINE_MILE_2 23744	34.47 -0.92 0.00	32.83 -0.84 0.00	31.90 -0.72 0.00	29.94 -0.67 0.00	29.09 -0.68 -0.06	28.40 -0.67 -0.08	27.08 -0.58 0.00	29.06 -0.62 0.00	32.30 -0.79 0.00	38.71 -0.87 0.00	44.66 -1.14 0.00	48.33 -1.14 0.00	53.48 -1.26 0.00	55.07 -1.29 0.00	55.57 -1.25 0.00	63.00 -1.35 0.00	75.59 -1.31 0.00	92.81 -1.51 0.00	100.96 -1.65 0.00	91.39 -1.39 0.00	79.85 -1.21 0.00	70.39 -1.15 0.00	62.09 -1.14 0.00	55.57 -1.02 0.00
NM_CAPITAL___DRP 24208	43.35 1.70 -6.26	39.46 1.68 -4.11	34.22 1.60 0.00	32.12 1.50 0.00	32.20 1.46 -1.03	31.81 1.42 -1.40	28.96 1.30 0.00	31.02 1.34 0.00	34.52 1.42 0.00	41.32 1.74 0.00	47.45 1.65 0.00	51.05 1.58 0.00	56.37 1.64 0.00	58.12 1.75 0.00	58.87 2.05 0.00	66.48 2.12 0.00	80.05 3.15 0.00	98.10 3.77 0.00	109.77 3.90 -3.26	120.18 3.25 -24.15	123.65 2.59 -40.00	87.99 2.22 -14.24	64.80 1.58 0.00	57.72 1.13 0.00
NM_CENTRAL___DRP 24181	35.28 -0.11 0.00	33.61 -0.07 0.00	32.65 0.03 0.00	30.61 0.00 0.00	29.77 -0.03 -0.09	29.07 -0.03 -0.12	27.71 0.06 0.00	29.74 0.06 0.00	33.20 0.10 0.00	39.78 0.20 0.00	45.84 0.05 0.00	49.72 0.25 0.00	55.06 0.33 0.00	56.76 0.39 0.00	57.27 0.45 0.00	64.93 0.58 0.00	78.05 1.15 0.00	95.93 1.60 0.00	104.25 1.64 0.00	94.36 1.58 0.00	82.44 1.38 0.00	72.54 1.00 0.00	63.98 0.76 0.00	57.04 0.45 0.00

NM_FRONTIER___DRP 24179	34.03 -1.77 -0.41	32.46 -1.48 -0.27	30.92 -1.70 0.00	29.05 -1.56 0.00	28.10 -1.75 -0.14	27.56 -1.62 -0.20	26.22 -1.44 0.00	27.69 -1.99 0.00	30.85 -2.25 0.00	37.17 -2.41 0.00	43.18 -2.61 0.01	47.14 -2.32 0.00	50.58 -3.83 0.32	52.70 -3.66 0.00	53.24 -3.58 0.00	60.88 -3.48 0.00	72.67 -4.23 0.00	89.71 -4.62 0.00	97.68 -4.93 0.00	88.61 -4.18 0.00	77.90 -3.16 0.00	68.67 -2.86 0.00	62.28 -0.95 0.00	56.19 -0.40 0.00
NM_ST_REGIS___HYD 24053	35.00 -0.39 0.00	33.17 -0.51 0.00	32.03 -0.59 0.00	30.03 -0.58 0.00	29.10 -0.62 -0.01	28.22 -0.78 -0.02	26.69 -0.97 0.00	28.73 -0.95 0.00	32.07 -1.03 0.00	38.27 -1.31 0.00	44.75 -1.05 0.00	48.28 -1.19 0.00	53.58 -1.15 0.00	55.07 -1.30 0.00	55.34 -1.48 0.00	62.94 -1.42 0.00	73.75 -3.15 0.00	90.08 -4.24 0.00	98.40 -4.21 0.00	89.53 -3.25 0.00	78.95 -2.11 0.00	70.89 -0.64 0.00	62.72 -0.51 0.00	56.25 -0.34 0.00
NORTHPORT___1 23551	41.66 3.79 -2.49	38.83 3.53 -1.62	35.59 2.97 0.00	33.31 2.69 0.00	33.31 2.70 -0.90	32.73 2.52 -1.23	30.42 2.77 0.00	32.89 3.21 0.00	36.74 3.64 0.00	44.06 4.47 -0.01	53.69 4.58 -3.31	57.38 4.80 -3.11	59.51 4.76 -0.02	60.74 4.28 -0.09	61.81 4.55 -0.45	62.13 4.96 7.18	80.05 7.00 3.85	93.65 8.39 9.07	105.28 8.83 6.15	104.82 7.51 -4.52	75.41 5.51 11.16	79.55 4.58 -3.43	61.83 3.29 4.68	60.66 4.08 0.01
NORTHPORT___2 23552	41.66 3.79 -2.49	38.83 3.53 -1.62	35.59 2.97 0.00	33.31 2.69 0.00	33.31 2.70 -0.90	32.73 2.52 -1.23	30.42 2.77 0.00	32.89 3.21 0.00	36.74 3.64 0.00	44.06 4.47 -0.01	53.69 4.58 -3.31	57.38 4.80 -3.11	59.51 4.76 -0.02	60.74 4.28 -0.09	61.81 4.55 -0.45	62.13 4.96 7.18	80.05 7.00 3.85	93.65 8.39 9.07	105.28 8.83 6.15	104.82 7.51 -4.52	75.41 5.51 11.16	79.55 4.58 -3.43	61.83 3.29 4.68	60.66 4.08 0.01
NORTHPORT___3 23553	41.41 3.54 -2.49	38.56 3.27 -1.62	35.36 2.74 0.00	33.13 2.51 0.00	33.11 2.50 -0.90	32.53 2.32 -1.23	30.17 2.52 0.00	32.59 2.91 0.00	36.51 3.41 0.00	43.86 4.28 -0.01	53.55 4.44 -3.31	57.13 4.55 -3.11	58.97 4.21 -0.02	60.17 3.72 -0.08	61.45 4.20 -0.42	61.63 4.57 7.29	79.51 6.61 4.01	93.31 8.11 9.13	104.87 8.42 6.16	104.44 7.14 -4.51	75.15 5.27 11.17	79.13 4.22 -3.38	61.40 2.91 4.74	60.03 3.45 0.01
NORTHPORT___4 23650	41.41 3.54 -2.49	38.56 3.27 -1.62	35.36 2.74 0.00	33.13 2.51 0.00	33.11 2.50 -0.90	32.53 2.32 -1.23	30.17 2.52 0.00	32.59 2.91 0.00	36.51 3.41 0.00	43.86 4.28 -0.01	53.55 4.44 -3.31	57.13 4.55 -3.11	58.97 4.21 -0.02	60.17 3.72 -0.08	61.45 4.20 -0.42	61.63 4.57 7.29	79.51 6.61 4.01	93.31 8.11 9.13	104.87 8.42 6.16	104.44 7.14 -4.51	75.15 5.27 11.17	79.13 4.22 -3.38	61.40 2.91 4.74	60.03 3.45 0.01
NORTHPORT___IC 23718	41.65 3.79 -2.48	38.80 3.50 -1.62	35.59 2.97 0.00	33.31 2.69 0.00	33.26 2.64 -0.90	32.71 2.49 -1.23	30.42 2.77 0.00	32.89 3.21 0.00	36.61 3.51 0.00	44.01 4.43 0.00	53.83 4.72 -3.31	57.38 4.80 -3.11	59.62 4.87 -0.02	61.25 4.79 -0.09	62.10 4.83 -0.45	62.13 4.96 7.18	80.05 7.00 3.85	93.65 8.40 9.07	105.28 8.82 6.15	104.82 7.52 -4.52	75.41 5.51 11.16	79.54 4.58 -3.43	62.21 3.67 4.68	60.03 3.45 0.01
NORTH___COUNTRY_ESR 323785	34.01 -1.38 0.00	32.23 -1.45 0.00	30.99 -1.63 0.00	29.05 -1.56 0.00	28.20 -1.51 0.00	27.45 -1.54 0.00	26.08 -1.58 0.00	28.11 -1.57 0.00	31.45 -1.65 0.00	37.56 -2.02 0.00	44.06 -1.74 0.00	47.44 -2.03 0.00	52.76 -1.97 0.00	54.39 -1.97 0.00	54.49 -2.33 0.00	61.78 -2.58 0.00	73.29 -3.61 0.00	89.71 -4.62 0.00	97.89 -4.72 0.00	88.97 -3.81 0.00	78.14 -2.91 0.00	69.32 -2.22 0.00	61.45 -1.77 0.00	55.00 -1.58 0.00
NPX_GEN_1385_PROXY 323591	41.52 3.65 -2.49	38.94 3.64 -1.62	35.72 3.10 0.00	33.43 2.81 0.00	33.43 2.82 -0.90	32.97 2.76 -1.23	30.95 3.29 0.00	33.42 3.74 0.00	36.97 3.87 0.00	43.90 4.31 -0.01	53.37 4.26 -3.31	56.69 4.10 -3.11	58.74 3.99 -0.02	59.95 3.50 -0.09	61.24 3.98 -0.45	61.74 4.57 7.18	79.89 6.84 3.85	94.03 8.77 9.07	105.38 8.92 6.15	104.82 7.51 -4.52	74.93 5.35 11.48	80.00 4.72 -3.74	61.20 2.65 4.68	60.03 3.45 0.01
NPX_GEN_CSC 323557	41.62 3.75 -2.49	38.66 3.37 -1.62	35.36 2.74 0.00	33.13 2.51 0.00	33.13 2.52 -0.90	32.53 2.32 -1.23	30.17 2.52 0.00	32.68 3.00 0.00	36.54 3.44 0.00	43.94 4.35 -0.01	53.60 4.49 -3.31	57.53 4.95 -3.12	60.17 5.42 -0.02	61.56 5.08 -0.11	62.85 5.51 -0.52	72.49 6.05 -2.09	89.43 8.54 -3.99	109.11 10.47 -4.31	115.93 11.09 -2.24	106.89 9.56 -4.55	94.55 7.38 -6.11	82.16 6.01 -4.62	69.33 4.30 -1.81	61.51 4.92 0.00
NSINS_S_GLNS_FALLS 23858	46.83 2.34 -9.10	41.86 2.22 -5.97	34.67 2.05 0.00	32.48 1.87 0.00	32.64 1.87 -1.05	32.28 1.86 -1.44	29.46 1.80 0.00	31.55 1.87 0.00	35.32 2.22 0.00	42.31 2.73 0.00	48.32 2.52 0.00	52.24 2.77 0.00	57.80 3.07 0.00	59.36 2.99 0.00	60.12 3.30 0.00	68.15 3.80 0.00	82.98 6.08 0.00	102.16 7.83 0.00	117.31 9.34 -5.36	140.65 8.16 -39.71	154.04 7.21 -65.77	101.10 6.15 -23.41	67.90 4.68 0.00	60.21 3.62 0.00
NUCOR_STEEL___DRP 24197	36.07 0.35 -0.33	34.26 0.37 -0.21	33.04 0.42 0.00	31.01 0.40 0.00	30.12 0.30 -0.12	29.46 0.32 -0.16	28.07 0.41 0.00	30.13 0.45 0.00	33.63 0.53 0.00	40.29 0.71 0.00	46.44 0.64 0.00	50.31 0.84 0.00	55.72 0.99 0.00	57.55 1.18 0.00	58.13 1.31 0.00	65.84 1.48 0.00	79.21 2.31 0.00	97.53 3.21 0.00	105.99 3.39 0.00	96.21 3.43 0.00	84.14 3.08 0.00	74.04 2.50 0.00	65.18 1.96 0.00	58.12 1.53 0.00
NUMBER_THREE_WT_PWR 323818	36.06 0.67 0.00	34.21 0.54 0.00	33.14 0.52 0.00	31.10 0.49 0.00	30.28 0.54 -0.04	29.53 0.49 -0.05	27.93 0.28 0.00	29.98 0.30 0.00	33.36 0.26 0.00	39.82 0.24 0.00	46.03 0.23 0.00	49.82 0.35 0.00	55.28 0.55 0.00	56.87 0.51 0.00	57.33 0.51 0.00	65.19 0.83 0.00	78.36 1.46 0.00	96.78 2.45 0.00	106.10 3.49 0.00	96.59 3.81 0.00	84.79 3.73 0.00	74.83 3.29 0.00	65.63 2.40 0.00	58.40 1.81 0.00
NYISO_LBMP_REFERENCE 24008	35.39 0.00 0.00	33.67 0.00 0.00	32.62 0.00 0.00	30.61 0.00 0.00	29.71 0.00 0.00	28.99 0.00 0.00	27.66 0.00 0.00	29.68 0.00 0.00	33.10 0.00 0.00	39.58 0.00 0.00	45.80 0.00 0.00	49.47 0.00 0.00	54.73 0.00 0.00	56.37 0.00 0.00	56.82 0.00 0.00	64.35 0.00 0.00	76.90 0.00 0.00	94.33 0.00 0.00	102.61 0.00 0.00	92.78 0.00 0.00	81.06 0.00 0.00	71.54 0.00 0.00	63.22 0.00 0.00	56.59 0.00 0.00
NYPA_BRENTWD____GT 24164	42.19 4.32 -2.49	39.27 3.97 -1.62	35.98 3.36 0.00	33.71 3.09 0.00	33.67 3.06 -0.90	33.08 2.87 -1.23	30.70 3.04 0.00	33.18 3.50 0.00	37.14 4.04 0.00	44.62 5.03 -0.01	54.37 5.26 -3.31	58.27 5.69 -3.12	60.72 5.97 -0.02	62.07 5.58 -0.12	63.46 6.02 -0.62	73.50 6.63 -2.51	90.55 8.92 -4.73	106.58 10.19 -2.06	113.97 10.77 -0.59	106.64 9.28 -4.58	93.93 7.21 -5.66	82.67 6.44 -4.70	70.87 4.99 -2.66	62.10 5.49 -0.03

NYPA_GOWANUS____GT5 24156	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.83 5.47 -0.01	104.72 7.76 -20.06	147.66 9.25 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NYPA_GOWANUS____GT6 24157	41.49 3.61 -2.49	38.74 3.44 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.50 2.88 -0.91	33.03 2.81 -1.24	30.54 2.88 -0.01	32.87 3.18 -0.01	36.78 3.67 -0.01	44.02 4.43 -0.01	50.52 4.72 -0.01	54.47 4.99 -0.01	59.93 5.14 -0.06	61.28 4.90 -0.01	62.11 5.29 -0.01	69.83 5.47 -0.01	104.72 7.76 -20.06	147.66 9.25 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.59 4.36 -0.01	60.95 4.36 -0.01
NYPA_HARLEM__RVR__GT1 24160	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.50 2.88 -0.91	33.01 2.78 -1.24	30.43 2.77 -0.01	32.75 3.06 -0.01	36.58 3.47 -0.01	43.94 4.35 -0.01	50.43 4.62 -0.01	54.27 4.80 -0.01	59.61 4.87 -0.01	61.00 4.62 -0.01	61.77 4.94 -0.01	69.51 5.15 -0.01	84.22 7.31 -0.01	103.01 8.67 -0.01	112.54 9.34 -0.60	105.05 7.88 -4.39	94.65 6.33 -7.27	79.06 4.93 -2.59	67.09 3.86 -0.01	60.55 3.96 -0.01
NYPA_HARLEM__RVR__GT2 24161	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.50 2.88 -0.91	33.01 2.78 -1.24	30.43 2.77 -0.01	32.75 3.06 -0.01	36.58 3.47 -0.01	43.94 4.35 -0.01	50.43 4.62 -0.01	54.27 4.80 -0.01	59.61 4.87 -0.01	61.00 4.62 -0.01	61.77 4.94 -0.01	69.51 5.15 -0.01	84.22 7.31 -0.01	103.01 8.67 -0.01	112.54 9.34 -0.60	105.05 7.88 -4.39	94.65 6.33 -7.27	79.06 4.93 -2.59	67.09 3.86 -0.01	60.55 3.96 -0.01
NYPA_KENT____GT 24152	41.41 3.54 -2.48	38.64 3.33 -1.63	35.69 3.07 -0.01	33.47 2.85 -0.01	33.44 2.82 -0.91	32.94 2.72 -1.23	30.46 2.79 -0.01	32.78 3.09 -0.01	36.68 3.58 -0.01	43.94 4.35 -0.01	50.43 4.62 0.00	54.37 4.90 0.00	59.74 4.98 -0.03	61.16 4.79 0.00	61.99 5.17 0.00	69.69 5.34 0.00	92.61 7.61 -8.09	121.18 9.06 -17.79	104.63 9.64 7.62	94.73 8.25 6.31	88.13 6.56 -0.51	75.74 5.22 1.02	67.40 4.17 0.00	60.78 4.19 0.00
NYPA_POUCH1____GT 24155	41.41 3.54 -2.49	38.67 3.37 -1.63	35.73 3.10 -0.01	33.50 2.88 -0.01	33.47 2.85 -0.91	33.01 2.78 -1.24	30.51 2.85 -0.01	32.81 3.12 -0.01	36.72 3.61 -0.01	43.94 4.35 -0.01	50.34 4.54 -0.01	54.23 4.75 -0.01	54.50 4.87 5.10	56.06 4.62 4.93	56.83 5.00 4.99	61.44 5.21 8.13	68.73 7.46 15.63	74.66 8.86 28.53	81.69 9.43 30.35	67.27 7.98 33.49	57.35 6.40 30.11	79.13 5.01 -2.59	56.22 4.05 11.05	55.21 4.02 5.40
NYPA_VERNON____GT2 24162	41.30 3.43 -2.48	38.56 3.27 -1.63	35.59 2.97 -0.01	33.38 2.76 -0.01	33.38 2.76 -0.90	32.88 2.66 -1.23	30.41 2.74 -0.01	32.69 3.00 -0.01	36.58 3.47 -0.01	43.83 4.24 -0.01	50.29 4.49 0.00	54.22 4.75 0.00	59.61 4.87 -0.01	60.99 4.62 0.00	61.82 5.00 0.00	69.56 5.21 0.01	80.49 7.46 3.87	94.69 8.86 8.50	96.31 9.54 15.85	83.85 8.07 17.00	77.27 6.40 10.19	71.99 5.08 4.62	67.27 4.05 0.01	60.61 4.02 0.00
NYPA_VERNON____GT3 24163	41.30 3.43 -2.48	38.56 3.27 -1.63	35.59 2.97 -0.01	33.38 2.76 -0.01	33.38 2.76 -0.90	32.88 2.66 -1.23	30.41 2.74 -0.01	32.69 3.00 -0.01	36.58 3.47 -0.01	43.83 4.24 -0.01	50.29 4.49 0.00	54.22 4.75 0.00	59.61 4.87 -0.01	60.99 4.62 0.00	61.82 5.00 0.00	69.56 5.21 0.01	80.49 7.46 3.87	94.69 8.86 8.50	96.31 9.54 15.85	83.85 8.07 17.00	77.27 6.40 10.19	71.99 5.08 4.62	67.27 4.05 0.01	60.61 4.02 0.00
NYPA__ASTORIA_CC1 323568	41.26 3.40 -2.48	38.53 3.23 -1.62	35.56 2.94 -0.01	33.38 2.76 -0.01	33.34 2.73 -0.90	32.85 2.64 -1.23	30.38 2.71 -0.01	32.69 3.00 -0.01	36.55 3.44 -0.01	43.78 4.19 -0.01	50.24 4.44 0.00	54.17 4.70 0.00	59.44 4.71 0.00	60.88 4.51 0.00	61.65 4.83 0.00	69.36 5.02 0.01	74.49 7.23 9.64	81.73 8.58 21.18	89.41 9.24 22.44	75.00 7.79 25.58	69.20 6.16 18.02	68.89 4.87 7.52	67.07 3.86 0.01	60.44 3.85 0.00
NYPA__ASTORIA_CC2 323569	41.26 3.40 -2.48	38.53 3.23 -1.62	35.56 2.94 -0.01	33.38 2.76 -0.01	33.34 2.73 -0.90	32.85 2.64 -1.23	30.38 2.71 -0.01	32.69 3.00 -0.01	36.55 3.44 -0.01	43.78 4.19 -0.01	50.24 4.44 0.00	54.17 4.70 0.00	59.44 4.71 0.00	60.88 4.51 0.00	61.65 4.83 0.00	69.36 5.02 0.01	74.49 7.23 9.64	81.73 8.58 21.18	89.41 9.24 22.44	75.00 7.79 25.58	69.20 6.16 18.02	68.89 4.87 7.52	67.07 3.86 0.01	60.44 3.85 0.00
NYPA__HOLTSVILL 23794	41.87 4.00 -2.49	38.97 3.67 -1.62	35.68 3.07 0.00	33.43 2.81 0.00	33.43 2.82 -0.90	32.82 2.61 -1.23	30.48 2.82 0.00	32.95 3.27 0.00	36.84 3.74 0.00	44.26 4.67 -0.01	53.87 4.76 -3.31	57.78 5.19 -3.12	60.28 5.53 -0.02	61.55 5.08 -0.11	62.80 5.46 -0.53	72.34 5.92 -2.07	89.08 8.23 -3.95	126.86 9.90 -22.63	127.04 10.47 -13.96	106.43 9.10 -4.56	94.58 7.05 -6.47	81.61 5.79 -4.28	69.26 4.24 -1.80	61.57 4.98 0.00
NYPA____HELLGATE_GT1 24158	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.50 2.88 -0.91	33.01 2.78 -1.24	30.43 2.77 -0.01	32.75 3.06 -0.01	36.58 3.47 -0.01	43.94 4.35 -0.01	50.43 4.62 -0.01	54.27 4.80 -0.01	59.61 4.87 -0.01	61.00 4.62 -0.01	61.77 4.94 -0.01	69.51 5.15 -0.01	84.22 7.31 -0.01	103.01 8.67 -0.01	112.54 9.34 -0.60	105.05 7.88 -4.39	94.65 6.33 -7.27	79.06 4.93 -2.59	67.09 3.86 -0.01	60.55 3.96 -0.01
NYPA____HELLGATE_GT2 24159	41.41 3.54 -2.49	38.67 3.37 -1.63	35.66 3.03 -0.01	33.50 2.88 -0.01	33.50 2.88 -0.91	33.01 2.78 -1.24	30.43 2.77 -0.01	32.75 3.06 -0.01	36.58 3.47 -0.01	43.94 4.35 -0.01	50.43 4.62 -0.01	54.27 4.80 -0.01	59.61 4.87 -0.01	61.00 4.62 -0.01	61.77 4.94 -0.01	69.51 5.15 -0.01	84.22 7.31 -0.01	103.01 8.67 -0.01	112.54 9.34 -0.60	105.05 7.88 -4.39	94.65 6.33 -7.27	79.06 4.93 -2.59	67.09 3.86 -0.01	60.55 3.96 -0.01
NYS_BARGE__HYD 23848	34.27 -1.52 -0.40	32.66 -1.28 -0.26	31.15 -1.47 0.00	29.21 -1.41 0.00	28.10 -1.75 -0.14	27.61 -1.57 -0.19	26.41 -1.24 0.00	28.02 -1.66 0.00	31.31 -1.79 0.00	37.76 -1.82 0.00	43.73 -2.06 0.01	47.69 -1.78 0.00	51.63 -2.79 0.32	53.21 -3.16 0.00	54.04 -2.78 0.00	61.98 -2.38 0.00	74.06 -2.84 0.00	91.59 -2.74 0.00	100.05 -2.56 0.00	90.65 -2.13 0.00	79.68 -1.38 0.00	70.32 -1.22 0.00	62.97 -0.25 0.00	57.10 0.51 0.00
OAK ORCHARD__HYD 24046	35.32 -0.39 -0.32	33.61 -0.27 -0.21	32.26 -0.36 0.00	30.25 -0.37 0.00	29.23 -0.59 -0.12	28.59 -0.55 -0.16	27.33 -0.33 0.00	29.18 -0.50 0.00	32.64 -0.46 0.00	39.42 -0.16 0.00	45.25 -0.55 0.00	49.22 -0.25 0.00	54.51 -0.22 0.00	56.14 -0.22 0.00	56.88 0.06 0.00	64.81 0.45 0.00	77.75 0.85 0.00	95.93 1.60 0.00	104.55 1.94 0.00	94.64 1.85 0.00	83.00 1.94 0.00	73.11 1.57 0.00	64.74 1.51 0.00	58.23 1.64 0.00

OAKDALE___35_KV_LOAD 356122	36.72 0.39 -0.94	34.73 0.44 -0.62	32.98 0.36 0.00	30.95 0.34 0.00	30.19 0.18 -0.30	29.60 0.20 -0.41	28.04 0.39 0.00	30.04 0.36 0.00	33.56 0.46 0.00	40.21 0.63 0.00	46.16 0.37 0.00	50.01 0.54 0.00	55.28 0.55 0.00	57.10 0.73 0.00	57.73 0.91 0.00	65.45 1.09 0.00	78.75 1.85 0.00	96.78 2.45 0.00	105.54 2.67 -0.27	97.26 2.51 -1.97	86.67 2.35 -3.26	74.56 1.86 -1.16	64.80 1.58 0.00	57.78 1.19 0.00
OCC_CHEM___DRP 24175	34.07 -1.73 -0.41	32.49 -1.45 -0.27	30.99 -1.63 0.00	29.08 -1.53 0.00	28.13 -1.72 -0.14	27.59 -1.59 -0.20	26.25 -1.41 0.00	27.72 -1.96 0.00	30.91 -2.18 0.00	37.25 -2.34 0.00	43.22 -2.56 0.01	47.19 -2.28 0.00	50.69 -3.72 0.32	52.87 -3.49 0.00	53.35 -3.47 0.00	61.01 -3.35 0.00	72.90 -4.00 0.00	89.89 -4.43 0.00	97.99 -4.62 0.00	88.88 -3.90 0.00	78.06 -3.00 0.00	68.89 -2.65 0.00	62.40 -0.82 0.00	56.30 -0.28 0.00
OH_GEN_PROXY 24063	34.20 -1.59 -0.41	32.59 -1.35 -0.27	31.12 -1.50 0.00	29.18 -1.44 0.00	28.10 -1.75 -0.14	27.59 -1.59 -0.20	26.47 -1.19 0.00	28.05 -1.63 0.00	31.38 -1.72 0.00	37.80 -1.78 0.00	43.23 -2.56 0.01	47.14 -2.32 0.00	51.61 -2.85 0.28	53.38 -2.99 0.00	54.21 -2.61 0.00	61.98 -2.38 0.00	74.06 -2.84 0.00	91.31 -3.02 0.00	99.63 -2.98 0.00	90.18 -2.60 0.00	78.96 -1.78 0.31	70.21 -1.64 -0.31	62.53 -0.69 0.00	56.76 0.17 0.00
OLIN_CORP_DRP 24177	33.86 -1.95 -0.42	32.26 -1.68 -0.27	30.73 -1.89 0.00	28.84 -1.78 0.00	27.87 -1.99 -0.15	27.30 -1.88 -0.20	26.08 -1.58 0.00	27.69 -1.99 0.00	30.98 -2.12 0.00	37.36 -2.22 0.00	43.31 -2.47 0.01	47.24 -2.23 0.00	51.23 -3.17 0.33	52.99 -3.38 0.00	53.52 -3.30 0.00	61.27 -3.09 0.00	73.21 -3.69 0.00	90.46 -3.87 0.00	98.50 -4.10 0.00	89.44 -3.34 0.00	78.63 -2.43 0.00	69.32 -2.22 0.00	62.66 -0.57 0.00	56.36 -0.23 0.00
OLIN_CORP_DSASP 323712	34.07 -1.73 -0.41	32.50 -1.45 -0.27	30.99 -1.63 0.00	29.12 -1.50 0.00	27.98 -1.87 -0.14	27.53 -1.65 -0.20	26.30 -1.35 0.00	27.75 -1.93 0.00	30.88 -2.22 0.00	37.21 -2.37 0.00	43.27 -2.52 0.01	47.19 -2.27 0.00	50.69 -3.72 0.32	52.53 -3.83 0.00	53.35 -3.47 0.00	61.01 -3.35 0.00	72.90 -4.00 0.00	89.90 -4.43 0.00	98.10 -4.51 0.00	88.79 -3.99 0.00	78.06 -3.00 0.00	68.82 -2.72 0.00	61.89 -1.33 0.00	56.36 -0.23 0.00
ONEIDA_HERK_LFGE 323681	36.24 0.85 0.00	34.45 0.78 0.00	33.37 0.75 0.00	31.32 0.70 0.00	30.48 0.74 -0.03	29.72 0.69 -0.04	28.24 0.58 0.00	30.31 0.62 0.00	33.80 0.70 0.00	40.37 0.79 0.00	46.62 0.83 0.00	50.46 0.99 0.00	55.99 1.26 0.00	57.55 1.19 0.00	58.07 1.25 0.00	66.03 1.67 0.00	79.43 2.53 0.00	97.82 3.49 0.00	106.92 4.31 0.00	96.96 4.18 0.00	84.95 3.89 0.00	74.76 3.22 0.00	65.69 2.46 0.00	58.51 1.93 0.00
ONEIDA___115KV_TB4 55905	36.45 1.06 0.00	34.65 0.98 0.00	33.60 0.98 0.00	31.53 0.92 0.00	30.66 0.89 -0.06	29.93 0.87 -0.08	28.46 0.80 0.00	30.51 0.83 0.00	34.03 0.93 0.00	40.73 1.15 0.00	46.94 1.14 0.00	50.85 1.39 0.00	56.43 1.70 0.00	58.17 1.80 0.00	58.70 1.88 0.00	66.74 2.38 0.00	80.44 3.54 0.00	99.04 4.72 0.00	108.05 5.44 0.00	97.98 5.20 0.00	85.76 4.70 0.00	75.33 3.79 0.00	66.20 2.97 0.00	58.91 2.32 0.00
ONONDAGA_REF_OCCRA 23987	35.71 0.04 -0.29	33.93 0.07 -0.19	32.75 0.13 0.00	30.71 0.09 0.00	29.87 0.06 -0.10	29.19 0.06 -0.14	27.80 0.14 0.00	29.86 0.18 0.00	33.30 0.20 0.00	39.90 0.32 0.00	45.98 0.18 0.00	49.86 0.40 0.00	55.17 0.44 0.00	56.93 0.56 0.00	57.50 0.68 0.00	65.13 0.77 0.00	78.36 1.46 0.00	96.31 1.98 0.00	104.76 2.15 0.00	94.82 2.04 0.00	82.92 1.86 0.00	72.89 1.36 0.00	64.24 1.01 0.00	57.27 0.68 0.00
ONONDAGA___COGEN 23986	35.49 0.11 0.00	33.77 0.10 0.00	32.81 0.20 0.00	30.77 0.15 0.00	29.93 0.12 -0.10	29.23 0.12 -0.13	27.88 0.22 0.00	29.95 0.27 0.00	33.43 0.33 0.00	40.02 0.44 0.00	46.16 0.37 0.00	50.01 0.54 0.00	55.39 0.66 0.00	57.16 0.79 0.00	57.67 0.85 0.00	65.32 0.97 0.00	78.52 1.61 0.00	96.59 2.26 0.00	104.87 2.26 0.00	95.01 2.23 0.00	83.00 1.95 0.00	73.04 1.50 0.00	64.36 1.14 0.00	57.44 0.85 0.00
ONTARIO___LFGE 23819	36.03 0.25 -0.39	34.23 0.30 -0.26	32.85 0.23 0.00	30.80 0.18 0.00	29.88 0.03 -0.14	29.26 0.09 -0.19	27.96 0.30 0.00	29.92 0.24 0.00	33.40 0.30 0.00	40.13 0.55 0.00	45.81 0.00 -0.01	49.82 0.35 0.00	55.38 0.44 -0.21	56.87 0.51 0.00	57.62 0.80 0.00	65.57 1.22 0.00	79.13 2.23 0.00	96.97 2.64 0.00	105.79 3.18 0.00	96.03 3.25 0.00	84.46 3.40 0.00	74.54 3.00 0.00	65.56 2.34 0.00	58.74 2.15 0.00
ORANGEVILLE_WT_PWR 323706	34.06 -1.84 -0.51	32.39 -1.62 -0.34	30.86 -1.76 0.00	28.93 -1.68 0.00	28.02 -1.87 -0.18	27.58 -1.65 -0.24	26.25 -1.41 0.00	27.81 -1.87 0.00	31.01 -2.08 0.00	37.25 -2.34 0.00	42.63 -3.12 0.05	46.45 -3.02 0.00	49.43 -3.67 1.63	52.65 -3.72 0.00	53.69 -3.13 0.00	61.52 -2.83 0.00	73.90 -3.00 0.00	91.40 -2.92 0.00	100.19 -2.56 -0.14	92.32 -1.49 -1.02	82.10 -0.65 -1.69	71.49 -0.65 -0.60	63.10 -0.13 0.00	57.04 0.45 0.00
ORANGEVILLE___ESR 323794	34.06 -1.84 -0.51	32.39 -1.62 -0.34	30.86 -1.76 0.00	28.93 -1.68 0.00	28.02 -1.87 -0.18	27.58 -1.65 -0.24	26.25 -1.41 0.00	27.81 -1.87 0.00	31.01 -2.08 0.00	37.25 -2.34 0.00	42.63 -3.12 0.05	46.45 -3.02 0.00	49.43 -3.67 1.63	52.65 -3.72 0.00	53.69 -3.13 0.00	61.52 -2.83 0.00	73.90 -3.00 0.00	91.40 -2.92 0.00	100.19 -2.56 -0.14	92.32 -1.49 -1.02	82.10 -0.65 -1.69	71.49 -0.65 -0.60	63.10 -0.13 0.00	57.04 0.45 0.00
OSWEGATCHIE___HYD 24044	35.60 0.21 0.00	33.77 0.10 0.00	32.68 0.07 0.00	30.68 0.06 0.00	29.77 0.03 -0.03	28.96 -0.06 -0.04	27.38 -0.28 0.00	29.42 -0.27 0.00	32.77 -0.33 0.00	39.06 -0.52 0.00	45.43 -0.37 0.00	49.02 -0.45 0.00	54.51 -0.22 0.00	56.14 -0.22 0.00	56.36 -0.46 0.00	64.10 -0.26 0.00	76.06 -0.84 0.00	93.48 -0.85 0.00	102.40 -0.20 0.00	93.34 0.56 0.00	82.03 0.98 0.00	73.11 1.57 0.00	64.36 1.14 0.00	57.32 0.73 0.00
OSWEGO___5 23606	34.75 -0.64 0.00	33.10 -0.57 0.00	32.13 -0.49 0.00	30.16 -0.46 0.00	29.30 -0.48 -0.07	28.62 -0.46 -0.09	27.30 -0.36 0.00	29.27 -0.42 0.00	32.57 -0.53 0.00	39.03 -0.55 0.00	45.02 -0.78 0.00	48.73 -0.74 0.00	53.91 -0.82 0.00	55.52 -0.84 0.00	56.02 -0.80 0.00	63.52 -0.84 0.00	76.21 -0.69 0.00	93.67 -0.66 0.00	101.90 -0.71 0.00	92.23 -0.55 0.00	80.58 -0.48 0.00	71.04 -0.50 0.00	62.59 -0.63 0.00	56.02 -0.57 0.00
OSWEGO___6 23613	34.75 -0.64 0.00	33.10 -0.57 0.00	32.13 -0.49 0.00	30.16 -0.46 0.00	29.30 -0.48 -0.07	28.62 -0.46 -0.09	27.30 -0.36 0.00	29.27 -0.42 0.00	32.57 -0.53 0.00	39.03 -0.55 0.00	45.02 -0.78 0.00	48.73 -0.74 0.00	53.91 -0.82 0.00	55.52 -0.84 0.00	56.02 -0.80 0.00	63.52 -0.84 0.00	76.21 -0.69 0.00	93.67 -0.66 0.00	101.90 -0.71 0.00	92.23 -0.55 0.00	80.58 -0.48 0.00	71.04 -0.50 0.00	62.59 -0.63 0.00	56.02 -0.57 0.00

OUTOKUMPU-AB___DRP 24206	34.57 -1.24 -0.42	32.90 -1.04 -0.28	31.35 -1.27 0.00	29.42 -1.19 0.00	28.37 -1.49 -0.15	27.82 -1.36 -0.20	26.52 -1.13 0.00	28.14 -1.54 0.00	31.48 -1.62 0.00	37.96 -1.62 0.00	43.82 -1.97 0.01	47.79 -1.68 0.00	51.65 -2.74 0.35	53.83 -2.54 0.00	54.38 -2.44 0.00	62.42 -1.93 0.00	74.36 -2.54 0.00	91.97 -2.36 0.00	100.25 -2.36 0.00	90.93 -1.86 0.00	79.92 -1.13 0.00	70.53 -1.00 0.00	64.05 0.82 0.00	57.55 0.96 0.00
OXBOW___BTM 323836	34.39 -1.42 -0.42	32.73 -1.21 -0.27	31.22 -1.40 0.00	29.30 -1.32 0.00	28.19 -1.66 -0.15	27.74 -1.45 -0.20	26.47 -1.19 0.00	27.96 -1.72 0.00	31.21 -1.89 0.00	37.60 -1.98 0.00	43.64 -2.15 0.01	47.59 -1.88 0.00	51.00 -3.39 0.34	52.82 -3.55 0.00	53.69 -3.13 0.00	61.52 -2.83 0.00	73.44 -3.46 0.00	90.74 -3.58 0.00	99.01 -3.59 0.00	89.63 -3.15 0.00	78.79 -2.27 0.00	69.46 -2.08 0.00	62.85 -0.38 0.00	57.10 0.51 0.00
OXBOW___ 24026	34.39 -1.42 -0.42	32.73 -1.21 -0.27	31.21 -1.40 0.00	29.30 -1.32 0.00	28.28 -1.57 -0.15	27.74 -1.45 -0.20	26.41 -1.24 0.00	27.96 -1.72 0.00	31.21 -1.89 0.00	37.64 -1.94 0.00	43.59 -2.20 0.01	47.59 -1.88 0.00	51.00 -3.39 0.34	53.16 -3.21 0.00	53.69 -3.13 0.00	61.52 -2.83 0.00	73.44 -3.46 0.00	90.74 -3.58 0.00	98.81 -3.80 0.00	89.63 -3.15 0.00	78.79 -2.27 0.00	69.53 -2.00 0.00	63.35 0.13 0.00	57.10 0.51 0.00
OXY_CHEM_DSASP 323612	34.07 -1.73 -0.41	32.49 -1.45 -0.27	30.99 -1.63 0.00	29.08 -1.53 0.00	28.13 -1.72 -0.14	27.59 -1.59 -0.20	26.25 -1.41 0.00	27.72 -1.96 0.00	30.91 -2.18 0.00	37.25 -2.34 0.00	43.22 -2.56 0.01	47.19 -2.28 0.00	50.69 -3.72 0.32	52.87 -3.49 0.00	53.35 -3.47 0.00	61.01 -3.35 0.00	72.90 -4.00 0.00	89.89 -4.43 0.00	97.99 -4.62 0.00	88.88 -3.90 0.00	78.06 -3.00 0.00	68.89 -2.65 0.00	62.40 -0.82 0.00	56.30 -0.28 0.00
OZONE_PARK_ESR 323760	41.51 3.64 -2.48	38.73 3.43 -1.62	35.75 3.13 0.00	33.49 2.88 0.00	33.40 2.79 -0.90	32.97 2.75 -1.23	30.53 2.88 0.00	32.83 3.15 0.00	36.64 3.54 0.00	44.05 4.47 0.00	50.70 4.90 0.00	54.61 5.14 0.00	60.21 5.47 0.00	61.95 5.58 0.00	62.84 6.02 0.00	70.73 6.37 0.00	85.82 8.92 0.00	104.99 10.66 0.00	114.69 11.49 -0.59	107.00 9.83 -4.38	96.34 8.02 -7.26	80.49 6.37 -2.58	68.22 4.99 0.00	60.77 4.19 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.07 -1.73 -0.41	32.49 -1.45 -0.27	30.99 -1.63 0.00	29.08 -1.53 0.00	28.13 -1.72 -0.14	27.59 -1.59 -0.20	26.25 -1.41 0.00	27.72 -1.96 0.00	30.91 -2.18 0.00	37.25 -2.34 0.00	43.22 -2.56 0.01	47.19 -2.28 0.00	50.69 -3.72 0.32	52.87 -3.49 0.00	53.35 -3.47 0.00	61.01 -3.35 0.00	72.90 -4.00 0.00	89.89 -4.43 0.00	97.99 -4.62 0.00	88.88 -3.90 0.00	78.06 -3.00 0.00	68.89 -2.65 0.00	62.40 -0.82 0.00	56.30 -0.28 0.00
PACKARD___115KV_DUPONT_184 80571	34.07 -1.73 -0.41	32.49 -1.45 -0.27	30.99 -1.63 0.00	29.08 -1.53 0.00	28.13 -1.72 -0.14	27.59 -1.59 -0.20	26.25 -1.41 0.00	27.72 -1.96 0.00	30.91 -2.18 0.00	37.25 -2.34 0.00	43.22 -2.56 0.01	47.19 -2.28 0.00	50.69 -3.72 0.32	52.87 -3.49 0.00	53.35 -3.47 0.00	61.01 -3.35 0.00	72.90 -4.00 0.00	89.89 -4.43 0.00	97.99 -4.62 0.00	88.88 -3.90 0.00	78.06 -3.00 0.00	68.89 -2.65 0.00	62.40 -0.82 0.00	56.30 -0.28 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.41 3.54 -2.49	38.64 3.33 -1.63	35.66 3.03 -0.01	33.47 2.85 -0.01	33.38 2.76 -0.91	32.92 2.70 -1.24	30.40 2.74 -0.01	32.69 3.00 -0.01	36.45 3.34 -0.01	43.86 4.27 -0.01	50.43 4.63 -0.01	54.27 4.80 -0.01	59.67 4.93 -0.01	61.34 4.96 -0.01	62.00 5.17 -0.01	69.51 5.15 -0.01	84.29 7.38 -0.01	103.11 8.77 -0.01	112.65 9.44 -0.60	105.15 7.98 -4.39	94.73 6.40 -7.27	79.13 5.01 -2.59	67.03 3.79 -0.01	60.05 3.45 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.87 4.00 -2.49	39.11 3.80 -1.63	36.08 3.46 -0.01	33.84 3.21 -0.01	33.74 3.12 -0.91	33.27 3.04 -1.24	30.71 3.04 -0.01	33.02 3.32 -0.01	36.81 3.71 -0.01	44.34 4.75 -0.01	50.98 5.18 -0.01	54.87 5.39 -0.01	60.38 5.64 -0.01	62.07 5.69 -0.01	62.79 5.97 -0.01	70.35 5.99 -0.01	85.37 8.46 -0.01	104.43 10.09 -0.01	114.09 10.88 -0.60	106.45 9.28 -4.39	95.86 7.54 -7.27	80.14 6.01 -2.59	67.97 4.74 -0.01	60.84 4.24 -0.01
PATROON___115KV_TB1 80586	43.82 1.73 -6.70	39.74 1.68 -4.39	34.22 1.60 0.00	32.12 1.50 0.00	32.20 1.46 -1.04	31.85 1.45 -1.41	28.96 1.30 0.00	30.99 1.31 0.00	34.52 1.42 0.00	41.36 1.78 0.00	47.49 1.69 0.00	51.15 1.68 0.00	56.48 1.75 0.00	58.23 1.86 0.00	58.92 2.10 0.00	66.61 2.25 0.00	80.21 3.31 0.00	98.29 3.96 0.00	110.39 4.21 -3.58	122.81 3.53 -26.50	127.80 2.84 -43.90	89.59 2.43 -15.63	64.99 1.77 0.00	57.83 1.24 0.00
PATTRSNVILLE___SOLAR 323815	46.84 1.91 -9.54	41.74 1.82 -6.25	34.31 1.70 0.00	32.21 1.59 0.00	32.36 1.57 -1.08	32.02 1.56 -1.47	29.12 1.46 0.00	31.17 1.48 0.00	34.75 1.65 0.00	41.48 1.90 0.00	47.68 1.88 0.00	51.45 1.98 0.00	56.81 2.08 0.00	58.40 2.03 0.00	59.10 2.28 0.00	66.99 2.64 0.00	80.74 3.84 0.00	99.42 5.09 0.00	114.47 6.16 -5.70	140.86 5.85 -42.23	156.20 5.19 -69.95	100.87 4.44 -24.90	66.76 3.54 0.00	59.53 2.94 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.50 -1.34 -0.46	32.80 -1.18 -0.30	31.25 -1.37 0.00	29.27 -1.35 0.00	27.79 -2.08 -0.16	27.29 -1.91 -0.22	26.47 -1.19 0.00	28.14 -1.54 0.00	31.54 -1.56 0.00	38.00 -1.58 0.00	43.45 -2.34 0.01	47.34 -2.13 0.00	51.81 -2.57 0.35	54.06 -2.31 0.00	54.72 -2.10 0.00	62.75 -1.61 0.00	75.21 -1.69 0.00	93.10 -1.23 0.00	101.48 -1.13 0.00	92.04 -0.74 0.00	80.90 -0.16 0.00	71.32 -0.21 0.00	63.98 0.76 0.00	57.44 0.85 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.08 3.18 -2.51	38.31 3.00 -1.64	35.32 2.71 0.00	33.13 2.51 0.00	33.11 2.50 -0.91	32.66 2.43 -1.24	30.12 2.46 0.00	32.35 2.67 0.00	36.18 3.08 0.00	43.38 3.80 0.00	49.92 4.12 0.00	53.92 4.45 0.00	59.49 4.76 0.00	61.39 5.02 0.00	62.39 5.57 0.00	70.53 6.18 0.00	85.21 8.31 0.00	104.61 10.28 0.00	114.30 11.08 -0.61	106.73 9.46 -4.49	96.11 7.62 -7.43	80.19 6.01 -2.65	67.84 4.62 0.00	60.21 3.62 0.00
PEEKSKILL___ 23653	40.79 2.94 -2.46	38.08 2.79 -1.62	35.16 2.55 0.00	32.97 2.36 0.00	32.95 2.35 -0.90	32.50 2.29 -1.22	29.98 2.32 0.00	32.24 2.55 0.00	36.08 2.98 0.00	43.14 3.56 0.00	49.51 3.71 0.00	53.38 3.91 0.00	58.84 4.11 0.00	60.37 4.00 0.00	61.31 4.49 0.00	69.38 5.02 0.00	83.90 7.00 0.00	102.82 8.49 0.00	112.23 9.03 -0.59	104.75 7.61 -4.36	94.36 6.08 -7.21	78.97 4.87 -2.57	67.02 3.79 0.00	59.98 3.39 0.00
PGE MADISON___WINDPWR 24146	38.62 2.12 -1.11	36.39 1.99 -0.73	34.51 1.89 0.00	32.48 1.87 0.00	31.93 1.93 -0.29	31.30 1.91 -0.40	29.37 1.72 0.00	31.49 1.81 0.00	35.15 2.05 0.00	42.08 2.50 0.00	48.32 2.52 0.00	52.49 3.02 0.00	58.36 3.56 -0.07	59.86 3.50 0.00	60.57 3.75 0.00	69.44 5.08 0.00	84.52 7.61 0.00	104.98 10.66 0.00	115.60 12.62 -0.37	107.67 12.15 -2.74	96.62 11.02 -4.54	82.16 9.01 -1.61	70.24 7.02 0.00	62.47 5.88 0.00

PIERCEFIELD___HYD 23852	35.10 -0.28 0.00	33.30 -0.37 0.00	32.16 -0.46 0.00	30.19 -0.43 0.00	29.22 -0.51 -0.01	28.34 -0.67 -0.02	26.77 -0.89 0.00	28.82 -0.86 0.00	32.14 -0.96 0.00	38.31 -1.27 0.00	44.75 -1.05 0.00	48.28 -1.19 0.00	53.64 -1.09 0.00	55.13 -1.24 0.00	55.40 -1.42 0.00	62.94 -1.42 0.00	73.44 -3.46 0.00	89.80 -4.53 0.00	98.09 -4.51 0.00	89.35 -3.43 0.00	78.63 -2.43 0.00	70.89 -0.64 0.00	62.72 -0.51 0.00	56.25 -0.34 0.00
PINELAWN_CC_1 323563	41.98 4.10 -2.49	39.10 3.80 -1.62	35.85 3.23 0.00	33.55 2.94 0.00	33.52 2.91 -0.90	32.94 2.72 -1.23	30.56 2.90 0.00	33.01 3.32 0.00	36.94 3.84 0.00	44.38 4.79 -0.01	54.10 4.99 -3.31	57.88 5.30 -3.12	60.36 5.59 -0.04	61.38 4.79 -0.22	63.22 5.22 -1.18	74.66 5.54 -4.77	93.73 7.76 -9.07	107.71 9.43 -3.95	113.26 10.06 -0.59	106.18 8.63 -4.77	94.34 6.65 -6.63	83.62 5.51 -6.58	72.28 4.24 -4.82	61.23 4.64 0.00
PJM_GEN_HTP_PROXY 323702	41.09 3.22 -2.48	38.33 3.03 -1.62	35.39 2.77 0.00	33.19 2.57 0.00	33.17 2.56 -0.90	32.71 2.49 -1.23	30.23 2.57 0.00	32.50 2.82 0.00	36.38 3.28 0.00	43.58 4.00 0.00	50.01 4.21 0.00	53.97 4.50 0.00	59.38 4.65 0.00	60.88 4.51 0.00	61.82 5.00 0.00	69.82 5.47 0.00	84.59 7.69 0.00	103.47 9.15 0.00	113.05 9.85 -0.59	105.52 8.35 -4.38	94.65 6.65 -6.94	79.73 5.29 -2.90	67.46 4.24 0.00	60.44 3.85 0.00
PJM_GEN_KEystone 24065	37.84 0.89 -1.57	35.61 0.91 -1.03	33.33 0.72 0.00	31.26 0.64 0.00	30.81 0.54 -0.56	30.34 0.58 -0.77	28.40 0.75 0.00	30.39 0.71 0.00	33.99 0.89 0.00	41.29 1.19 -0.52	46.05 0.78 0.53	50.41 0.94 0.00	55.13 0.82 0.42	56.75 0.73 0.35	57.67 1.20 0.35	65.33 1.54 0.57	78.34 2.53 1.09	95.54 3.21 2.00	104.31 3.49 1.79	95.92 2.97 -0.17	85.23 2.43 -1.74	73.84 1.86 -0.45	63.96 1.51 0.77	57.90 1.70 0.38
PJM_GEN_NEPTUNE_PROXY 323594	41.45 3.57 -2.49	38.63 3.33 -1.62	35.45 2.84 0.00	33.22 2.60 0.00	33.19 2.58 -0.90	32.65 2.44 -1.23	30.26 2.60 0.00	32.65 2.97 0.00	36.57 3.47 0.00	43.90 4.31 -0.01	53.55 4.44 -3.31	57.23 4.65 -3.11	59.56 4.82 -0.01	61.02 4.62 -0.03	62.01 5.06 -0.13	70.45 5.60 -0.50	85.63 7.76 -0.96	104.18 9.43 -0.42	113.26 10.06 -0.59	105.73 8.53 -4.42	94.72 6.72 -6.94	80.36 5.51 -3.31	67.76 4.11 -0.43	60.94 4.36 0.01
PJM_GEN_VFT_PROXY 323633	40.94 3.08 -2.48	38.19 2.90 -1.62	35.26 2.64 0.00	33.03 2.42 0.00	33.05 2.44 -0.90	32.56 2.35 -1.23	30.09 2.43 0.00	32.38 2.70 0.00	36.25 3.15 0.00	43.42 3.84 0.00	49.87 4.07 0.00	53.72 4.25 0.00	54.00 4.38 5.11	55.60 4.17 4.94	56.42 4.60 5.00	61.24 5.02 8.14	68.49 7.23 15.64	74.37 8.58 28.54	81.38 9.13 30.36	66.98 7.70 33.50	56.79 6.16 30.43	57.40 4.79 18.93	55.96 3.79 11.06	54.69 3.51 5.41
PLATSBURG_115KV_PMLD1 355749	34.43 -0.96 0.00	32.59 -1.08 0.00	31.31 -1.30 0.00	29.33 -1.29 0.00	28.49 -1.22 0.00	27.74 -1.25 0.00	26.30 -1.36 0.00	28.38 -1.31 0.00	31.74 -1.36 0.00	37.96 -1.62 0.00	44.47 -1.33 0.00	47.79 -1.68 0.00	52.38 -2.35 0.00	53.66 -2.71 0.00	54.04 -2.78 0.00	61.52 -2.83 0.00	72.98 -3.92 0.00	89.33 -5.00 0.00	97.48 -5.13 0.00	88.61 -4.18 0.00	77.98 -3.08 0.00	69.10 -2.43 0.00	61.20 -2.02 0.00	54.95 -1.64 0.00
PLEASANTVLY___LBMP 24000	40.55 2.62 -2.55	37.83 2.49 -1.67	34.93 2.32 0.00	32.73 2.11 0.00	32.68 2.05 -0.92	32.27 2.03 -1.26	29.73 2.07 0.00	31.94 2.26 0.00	35.61 2.52 0.00	42.71 3.13 0.00	49.05 3.25 0.00	52.83 3.36 0.00	58.34 3.61 0.00	60.09 3.72 0.00	60.85 4.03 0.00	68.67 4.31 0.00	82.98 6.08 0.00	101.59 7.26 0.00	110.92 7.70 -0.61	103.81 6.49 -4.53	93.76 5.19 -7.51	78.36 4.15 -2.67	66.39 3.16 0.00	59.08 2.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.88 3.01 -2.49	38.17 2.86 -1.63	35.23 2.61 0.00	33.00 2.39 0.00	32.96 2.35 -0.90	32.54 2.32 -1.23	30.04 2.38 0.00	32.30 2.61 0.00	36.05 2.95 0.00	43.26 3.68 0.00	49.74 3.94 0.00	53.57 4.11 0.00	59.11 4.38 0.00	60.88 4.51 0.00	61.71 4.89 0.00	69.57 5.21 0.00	84.21 7.31 0.00	103.19 8.87 0.00	112.64 9.44 -0.59	105.16 7.98 -4.40	94.66 6.32 -7.28	79.21 5.08 -2.59	67.08 3.86 0.00	59.70 3.11 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.88 3.01 -2.49	38.17 2.86 -1.63	35.23 2.61 0.00	33.00 2.39 0.00	32.96 2.35 -0.90	32.54 2.32 -1.23	30.04 2.38 0.00	32.30 2.61 0.00	36.05 2.95 0.00	43.26 3.68 0.00	49.74 3.94 0.00	53.57 4.11 0.00	59.11 4.38 0.00	60.88 4.51 0.00	61.71 4.89 0.00	69.57 5.21 0.00	84.21 7.31 0.00	103.19 8.87 0.00	112.64 9.44 -0.59	105.16 7.98 -4.40	94.66 6.32 -7.28	79.21 5.08 -2.59	67.08 3.86 0.00	59.70 3.11 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.80 2.83 -2.58	38.06 2.69 -1.69	35.10 2.48 0.00	32.82 2.20 0.00	32.76 2.14 -0.91	32.35 2.12 -1.24	29.81 2.16 0.00	32.00 2.32 0.00	35.68 2.58 0.00	42.79 3.21 0.00	49.19 3.39 0.00	53.08 3.61 0.00	58.62 3.89 0.00	60.48 4.11 0.00	61.37 4.55 0.00	69.50 5.15 0.00	84.05 7.15 0.00	103.10 8.77 0.00	112.60 9.34 -0.65	105.58 7.98 -4.82	95.53 6.48 -7.99	79.53 5.15 -2.84	67.14 3.92 0.00	59.64 3.06 0.00
POLETTI_____ 23519	41.09 3.22 -2.48	38.33 3.03 -1.62	35.36 2.74 0.00	33.19 2.57 0.00	33.11 2.50 -0.90	32.65 2.43 -1.23	30.23 2.57 0.00	32.53 2.85 0.00	36.24 3.14 0.00	43.54 3.96 0.00	50.10 4.31 0.00	53.97 4.50 0.00	59.44 4.71 0.00	61.16 4.79 0.00	61.93 5.11 0.00	69.70 5.34 0.00	84.51 7.61 0.00	103.38 9.06 0.00	112.85 9.65 -0.59	105.33 8.16 -4.38	94.88 6.57 -7.26	79.27 5.15 -2.58	67.14 3.92 0.00	59.87 3.28 0.00
POMONA___ESR 323819	40.76 2.94 -2.43	38.06 2.79 -1.60	35.16 2.55 0.00	32.94 2.33 0.00	32.91 2.32 -0.89	32.46 2.26 -1.21	29.95 2.29 0.00	32.18 2.49 0.00	36.01 2.91 0.00	43.06 3.48 0.00	49.33 3.53 0.00	53.28 3.81 0.00	58.73 3.99 0.00	60.31 3.94 0.00	61.25 4.43 0.00	69.38 5.02 0.00	83.97 7.07 0.00	102.82 8.49 0.00	112.22 9.03 -0.58	104.68 7.61 -4.29	94.25 6.08 -7.11	78.86 4.79 -2.53	67.02 3.79 0.00	59.93 3.34 0.00
PORT_JEFF_3 23555	41.94 4.07 -2.49	39.00 3.70 -1.62	35.75 3.13 0.00	33.46 2.85 0.00	33.46 2.85 -0.90	32.85 2.64 -1.23	30.51 2.85 0.00	32.98 3.29 0.00	36.87 3.77 0.00	44.34 4.75 -0.01	54.01 4.90 -3.31	57.93 5.34 -3.12	60.50 5.75 -0.02	61.84 5.36 -0.11	62.98 5.63 -0.54	72.36 5.92 -2.09	89.05 8.15 -4.00	132.28 9.81 -28.15	130.44 10.36 -17.47	106.25 8.91 -4.56	94.34 6.89 -6.40	81.48 5.65 -4.30	69.25 4.24 -1.78	61.74 5.15 0.00
PORT_JEFF_4 23616	41.94 4.07 -2.49	39.00 3.70 -1.62	35.75 3.13 0.00	33.46 2.85 0.00	33.46 2.85 -0.90	32.85 2.64 -1.23	30.51 2.85 0.00	32.98 3.29 0.00	36.87 3.77 0.00	44.34 4.75 -0.01	54.01 4.90 -3.31	57.93 5.34 -3.12	60.50 5.75 -0.02	61.84 5.36 -0.11	62.98 5.63 -0.54	72.36 5.92 -2.09	89.05 8.15 -4.00	132.28 9.81 -28.15	130.44 10.36 -17.47	106.25 8.91 -4.56	94.34 6.89 -6.40	81.48 5.65 -4.30	69.25 4.24 -1.78	61.74 5.15 0.00

PORT_JEFF_IC 23713	42.01 4.14 -2.48	39.07 3.77 -1.62	35.78 3.16 0.00	33.49 2.88 0.00	33.43 2.82 -0.90	32.85 2.64 -1.23	30.53 2.88 0.00	33.01 3.32 0.00	36.81 3.71 0.00	44.37 4.79 0.00	54.38 5.27 -3.31	58.12 5.54 -3.12	60.77 6.02 -0.02	62.52 6.03 -0.12	63.52 6.14 -0.56	72.76 6.24 -2.16	89.27 8.23 -4.15	151.42 10.00 -47.09	142.72 10.57 -29.54	106.45 9.09 -4.58	94.17 6.97 -6.14	81.53 5.65 -4.34	69.80 4.87 -1.71	61.28 4.70 0.00
PPL PILGRIM_ST_GT1 24216	42.19 4.32 -2.49	39.27 3.97 -1.62	35.98 3.36 0.00	33.71 3.09 0.00	33.67 3.06 -0.90	33.08 2.87 -1.23	30.70 3.04 0.00	33.18 3.50 0.00	37.14 4.04 0.00	44.62 5.03 -0.01	54.37 5.26 -3.31	58.27 5.69 -3.12	60.72 5.97 -0.02	62.07 5.58 -0.12	63.46 6.02 -0.62	73.50 6.63 -2.51	90.55 8.92 -4.73	106.58 10.19 -2.06	113.97 10.77 -0.59	106.64 9.28 -4.58	93.93 7.21 -5.66	82.67 6.44 -4.70	70.87 4.99 -2.66	62.10 5.49 -0.03
PPL PILGRIM_ST_GT2 24217	42.19 4.32 -2.49	39.27 3.97 -1.62	35.98 3.36 0.00	33.71 3.09 0.00	33.67 3.06 -0.90	33.08 2.87 -1.23	30.70 3.04 0.00	33.18 3.50 0.00	37.14 4.04 0.00	44.62 5.03 -0.01	54.37 5.26 -3.31	58.27 5.69 -3.12	60.72 5.97 -0.02	62.07 5.58 -0.12	63.46 6.02 -0.62	73.50 6.63 -2.51	90.55 8.92 -4.73	106.58 10.19 -2.06	113.97 10.77 -0.59	106.64 9.28 -4.58	93.93 7.21 -5.66	82.67 6.44 -4.70	70.87 4.99 -2.66	62.10 5.49 -0.03
PPL_SHRM_GT3 24213	41.66 3.79 -2.49	38.70 3.40 -1.62	35.39 2.77 0.00	33.15 2.54 0.00	33.17 2.56 -0.90	32.56 2.35 -1.23	30.20 2.54 0.00	32.71 3.03 0.00	36.54 3.44 0.00	43.94 4.35 -0.01	53.60 4.49 -3.31	57.58 4.99 -3.12	60.23 5.47 -0.02	61.61 5.13 -0.11	62.88 5.51 -0.55	72.53 6.05 -2.13	89.66 8.69 -4.07	136.74 10.56 -31.85	133.62 11.19 -19.82	107.09 9.74 -4.57	94.94 7.54 -6.34	82.01 6.15 -4.33	69.32 4.30 -1.80	61.57 4.98 0.00
PPL_SHRM_GT4 24214	41.66 3.79 -2.49	38.70 3.40 -1.62	35.39 2.77 0.00	33.15 2.54 0.00	33.17 2.56 -0.90	32.56 2.35 -1.23	30.20 2.54 0.00	32.71 3.03 0.00	36.54 3.44 0.00	43.94 4.35 -0.01	53.60 4.49 -3.31	57.58 4.99 -3.12	60.23 5.47 -0.02	61.61 5.13 -0.11	62.88 5.51 -0.55	72.53 6.05 -2.13	89.66 8.69 -4.07	136.74 10.56 -31.85	133.62 11.19 -19.82	107.09 9.74 -4.57	94.94 7.54 -6.34	82.01 6.15 -4.33	69.32 4.30 -1.80	61.57 4.98 0.00
PROJECT___ORANGE 1 24174	35.32 -0.07 0.00	33.64 -0.03 0.00	32.65 0.03 0.00	30.65 0.03 0.00	29.77 -0.03 -0.09	29.10 0.00 -0.12	27.74 0.08 0.00	29.77 0.09 0.00	33.23 0.13 0.00	39.82 0.24 0.00	45.89 0.09 0.00	49.76 0.30 0.00	55.12 0.38 0.00	56.82 0.45 0.00	57.39 0.57 0.00	65.00 0.64 0.00	78.13 1.23 0.00	96.03 1.70 0.00	104.35 1.74 0.00	94.45 1.67 0.00	82.52 1.46 0.00	72.61 1.07 0.00	63.98 0.76 0.00	57.10 0.51 0.00
PROJECT___ORANGE 2 24166	35.32 -0.07 0.00	33.64 -0.03 0.00	32.65 0.03 0.00	30.65 0.03 0.00	29.77 -0.03 -0.09	29.10 0.00 -0.12	27.74 0.08 0.00	29.77 0.09 0.00	33.23 0.13 0.00	39.82 0.24 0.00	45.89 0.09 0.00	49.76 0.30 0.00	55.12 0.38 0.00	56.82 0.45 0.00	57.39 0.57 0.00	65.00 0.64 0.00	78.13 1.23 0.00	96.03 1.70 0.00	104.35 1.74 0.00	94.45 1.67 0.00	82.52 1.46 0.00	72.61 1.07 0.00	63.98 0.76 0.00	57.10 0.51 0.00
PUCKETT___SOLAR 323809	37.36 0.92 -1.05	35.24 0.87 -0.69	33.43 0.82 0.00	31.38 0.77 0.00	30.73 0.71 -0.31	30.13 0.72 -0.42	28.43 0.77 0.00	30.43 0.74 0.00	33.96 0.86 0.00	40.65 1.07 0.00	46.62 0.83 0.00	50.51 1.04 0.00	55.83 1.09 0.00	57.44 1.07 0.00	58.13 1.31 0.00	66.15 1.80 0.00	79.82 2.92 0.00	98.38 4.05 0.00	107.75 4.82 -0.32	99.78 4.64 -2.36	89.27 4.29 -3.91	76.43 3.50 -1.39	65.94 2.72 0.00	59.02 2.43 0.00
PYRITES___HYD 24023	35.56 0.18 0.00	33.71 0.03 0.00	32.58 -0.03 0.00	30.58 -0.03 0.00	29.66 -0.06 -0.01	28.77 -0.23 -0.02	27.16 -0.50 0.00	29.18 -0.50 0.00	32.47 -0.63 0.00	38.63 -0.95 0.00	45.11 -0.69 0.00	48.68 -0.79 0.00	54.08 -0.66 0.00	55.64 -0.73 0.00	55.85 -0.97 0.00	63.52 -0.84 0.00	74.36 -2.54 0.00	91.12 -3.21 0.00	99.84 -2.77 0.00	91.20 -1.58 0.00	80.49 -0.57 0.00	72.39 0.86 0.00	63.98 0.76 0.00	57.32 0.74 0.00
QUAKERRD_115KV_BK1 80622	34.71 -0.99 -0.31	33.00 -0.88 -0.20	31.70 -0.91 0.00	29.73 -0.89 0.00	28.93 -0.89 -0.11	28.24 -0.90 -0.15	26.86 -0.80 0.00	28.73 -0.95 0.00	32.17 -0.93 0.00	38.79 -0.79 0.00	44.52 -1.28 0.00	48.43 -1.04 0.00	53.69 -1.04 0.00	55.47 -0.90 0.00	55.97 -0.85 0.00	63.65 -0.71 0.00	76.52 -0.38 0.00	94.23 -0.09 0.00	102.61 0.00 0.00	92.87 0.09 0.00	81.46 0.41 0.00	71.68 0.14 0.00	63.67 0.44 0.00	56.87 0.28 0.00
QUENSBRY_115KV_TB8 356137	46.83 2.30 -9.14	41.88 2.22 -5.99	34.64 2.02 0.00	32.45 1.84 0.00	32.61 1.84 -1.05	32.25 1.83 -1.44	29.46 1.80 0.00	31.55 1.87 0.00	35.32 2.22 0.00	42.31 2.73 0.00	48.32 2.52 0.00	52.29 2.82 0.00	57.80 3.07 0.00	59.36 2.99 0.00	60.12 3.30 0.00	68.22 3.86 0.00	83.05 6.15 0.00	102.35 8.02 0.00	117.54 9.54 -5.39	141.12 8.44 -39.90	154.52 7.38 -66.09	101.35 6.30 -23.52	68.03 4.81 0.00	60.27 3.68 0.00
RAMAPO___LBMP 323565	40.57 2.76 -2.42	37.92 2.66 -1.59	35.03 2.41 0.00	32.82 2.20 0.00	32.76 2.17 -0.88	32.30 2.12 -1.20	29.87 2.21 0.00	32.09 2.40 0.00	35.81 2.71 0.00	42.91 3.32 0.00	49.23 3.43 0.00	53.03 3.56 0.00	58.56 3.83 0.00	60.37 4.00 0.00	61.14 4.32 0.00	68.99 4.63 0.00	83.44 6.54 0.00	102.25 7.92 0.00	111.60 8.41 -0.58	104.10 7.05 -4.27	93.73 5.59 -7.08	78.49 4.44 -2.52	66.57 3.35 0.00	59.25 2.66 0.00
RANKINE____ 23646	34.56 -1.27 -0.45	32.86 -1.11 -0.29	31.31 -1.30 0.00	29.36 -1.26 0.00	28.17 -1.69 -0.16	27.66 -1.54 -0.21	26.52 -1.13 0.00	28.20 -1.48 0.00	31.58 -1.52 0.00	38.08 -1.50 0.00	43.50 -2.29 0.01	47.44 -2.03 0.00	51.86 -2.46 0.41	54.17 -2.20 0.00	54.77 -2.05 0.00	62.81 -1.54 0.00	75.21 -1.69 0.00	93.10 -1.23 0.00	101.48 -1.13 0.00	92.13 -0.65 0.00	80.98 -0.08 0.00	71.39 -0.14 0.00	64.30 1.07 0.00	57.66 1.08 0.00
RAVENSWOOD_GT2_1 24244	41.12 3.26 -2.48	38.40 3.10 -1.62	35.42 2.81 0.00	33.22 2.60 0.00	33.14 2.53 -0.90	32.71 2.49 -1.23	30.26 2.60 0.00	32.53 2.85 0.00	36.31 3.21 0.00	43.62 4.04 0.00	50.15 4.35 0.00	54.02 4.55 0.00	59.55 4.82 0.00	61.22 4.85 0.00	62.05 5.23 0.00	69.76 5.41 0.00	84.59 7.69 0.00	103.48 9.15 0.00	113.05 9.85 -0.59	105.51 8.35 -4.38	94.96 6.65 -7.26	79.41 5.29 -2.58	67.27 4.05 0.00	59.98 3.40 0.00
RAVENSWOOD_GT2_2 24245	41.12 3.26 -2.48	38.40 3.10 -1.62	35.42 2.81 0.00	33.22 2.60 0.00	33.14 2.53 -0.90	32.71 2.49 -1.23	30.26 2.60 0.00	32.53 2.85 0.00	36.31 3.21 0.00	43.62 4.04 0.00	50.15 4.35 0.00	54.02 4.55 0.00	59.55 4.82 0.00	61.22 4.85 0.00	62.05 5.23 0.00	69.76 5.41 0.00	84.59 7.69 0.00	103.48 9.15 0.00	113.05 9.85 -0.59	105.51 8.35 -4.38	94.96 6.65 -7.26	79.41 5.29 -2.58	67.27 4.05 0.00	59.98 3.40 0.00

RAVENSWOOD_GT2_3 24246	41.16 3.29 -2.48	38.40 3.10 -1.62	35.46 2.84 0.00	33.25 2.63 0.00	33.17 2.56 -0.90	32.71 2.49 -1.23	30.28 2.63 0.00	32.56 2.88 0.00	36.31 3.21 0.00	43.62 4.04 0.00	50.20 4.40 0.00	54.07 4.60 0.00	59.55 4.82 0.00	61.27 4.90 0.00	62.10 5.28 0.00	69.83 5.47 0.00	84.67 7.77 0.00	103.57 9.24 0.00	113.05 9.85 -0.59	105.61 8.44 -4.38	95.05 6.73 -7.26	79.48 5.37 -2.58	67.33 4.11 0.00	59.98 3.40 0.00
RAVENSWOOD_GT2_4 24247	41.16 3.29 -2.48	38.40 3.10 -1.62	35.46 2.84 0.00	33.25 2.63 0.00	33.17 2.56 -0.90	32.71 2.49 -1.23	30.28 2.63 0.00	32.56 2.88 0.00	36.31 3.21 0.00	43.62 4.04 0.00	50.20 4.40 0.00	54.07 4.60 0.00	59.55 4.82 0.00	61.27 4.90 0.00	62.10 5.28 0.00	69.83 5.47 0.00	84.67 7.77 0.00	103.57 9.24 0.00	113.05 9.85 -0.59	105.61 8.44 -4.38	95.05 6.73 -7.26	79.48 5.37 -2.58	67.33 4.11 0.00	59.98 3.40 0.00
RAVENSWOOD_GT3_1 24248	41.16 3.29 -2.48	38.40 3.10 -1.62	35.42 2.81 0.00	33.22 2.60 0.00	33.14 2.53 -0.90	32.71 2.49 -1.23	30.26 2.60 0.00	32.56 2.88 0.00	36.31 3.21 0.00	43.62 4.04 0.00	50.15 4.35 0.00	54.02 4.55 0.00	59.55 4.82 0.00	61.27 4.90 0.00	62.05 5.23 0.00	69.83 5.47 0.00	84.59 7.69 0.00	103.48 9.15 0.00	113.05 9.85 -0.59	105.51 8.35 -4.38	94.96 6.65 -7.26	79.41 5.29 -2.58	67.27 4.05 0.00	59.98 3.40 0.00
RAVENSWOOD_GT3_2 24249	41.16 3.29 -2.48	38.40 3.10 -1.62	35.42 2.81 0.00	33.22 2.60 0.00	33.14 2.53 -0.90	32.71 2.49 -1.23	30.26 2.60 0.00	32.56 2.88 0.00	36.31 3.21 0.00	43.62 4.04 0.00	50.15 4.35 0.00	54.02 4.55 0.00	59.55 4.82 0.00	61.27 4.90 0.00	62.05 5.23 0.00	69.83 5.47 0.00	84.59 7.69 0.00	103.48 9.15 0.00	113.05 9.85 -0.59	105.51 8.35 -4.38	94.96 6.65 -7.26	79.41 5.29 -2.58	67.27 4.05 0.00	59.98 3.40 0.00
RAVENSWOOD_GT3_3 24250	41.19 3.33 -2.48	38.43 3.13 -1.62	35.49 2.87 0.00	33.28 2.66 0.00	33.20 2.58 -0.90	32.74 2.52 -1.23	30.31 2.66 0.00	32.59 2.91 0.00	36.38 3.28 0.00	43.70 4.12 0.00	50.24 4.44 0.00	54.12 4.65 0.00	59.66 4.93 0.00	61.39 5.02 0.00	62.16 5.34 0.00	69.95 5.60 0.00	84.74 7.84 0.00	103.76 9.43 0.00	113.26 10.06 -0.59	105.70 8.54 -4.38	95.21 6.89 -7.26	79.56 5.44 -2.58	67.40 4.17 0.00	60.10 3.51 0.00
RAVENSWOOD_GT3_4 24251	41.19 3.33 -2.48	38.43 3.13 -1.62	35.49 2.87 0.00	33.28 2.66 0.00	33.20 2.58 -0.90	32.74 2.52 -1.23	30.31 2.66 0.00	32.59 2.91 0.00	36.38 3.28 0.00	43.70 4.12 0.00	50.24 4.44 0.00	54.12 4.65 0.00	59.66 4.93 0.00	61.39 5.02 0.00	62.16 5.34 0.00	69.95 5.60 0.00	84.74 7.84 0.00	103.76 9.43 0.00	113.26 10.06 -0.59	105.70 8.54 -4.38	95.21 6.89 -7.26	79.56 5.44 -2.58	67.40 4.17 0.00	60.10 3.51 0.00
RAVENSWOOD_GT_1 23729	41.30 3.43 -2.48	38.53 3.23 -1.63	35.59 2.97 -0.01	33.38 2.76 -0.01	33.29 2.67 -0.90	32.85 2.64 -1.23	30.40 2.74 -0.01	32.69 3.00 -0.01	36.48 3.38 -0.01	43.82 4.24 -0.01	50.38 4.58 0.00	54.22 4.75 0.00	59.67 4.93 -0.01	61.33 4.96 0.00	62.05 5.23 0.00	69.56 5.21 0.01	80.49 7.46 3.87	94.70 8.87 8.50	96.20 9.44 15.85	83.85 8.07 17.00	77.27 6.40 10.19	71.99 5.08 4.62	67.07 3.86 0.01	59.98 3.40 0.00
RAVENSWOOD_GT_10 24258	41.12 3.26 -2.48	38.40 3.10 -1.62	35.42 2.81 0.00	33.22 2.60 0.00	33.14 2.53 -0.90	32.71 2.49 -1.23	30.26 2.60 0.00	32.53 2.85 0.00	36.31 3.21 0.00	43.62 4.04 0.00	50.15 4.35 0.00	54.02 4.55 0.00	59.55 4.82 0.00	61.27 4.90 0.00	62.05 5.23 0.00	69.82 5.47 0.00	84.59 7.69 0.00	103.57 9.24 0.00	111.50 9.85 0.96	103.50 8.35 -2.36	93.47 6.73 -5.68	78.73 5.29 -1.90	67.27 4.05 0.00	59.98 3.40 0.00
RAVENSWOOD_GT_11 24259	41.12 3.26 -2.48	38.40 3.10 -1.62	35.42 2.81 0.00	33.22 2.60 0.00	33.14 2.53 -0.90	32.71 2.49 -1.23	30.26 2.60 0.00	32.53 2.85 0.00	36.31 3.21 0.00	43.62 4.04 0.00	50.15 4.35 0.00	54.02 4.55 0.00	59.55 4.82 0.00	61.27 4.90 0.00	62.05 5.23 0.00	69.82 5.47 0.00	84.59 7.69 0.00	103.57 9.24 0.00	111.50 9.85 0.96	103.50 8.35 -2.36	93.47 6.73 -5.68	78.73 5.29 -1.90	67.27 4.05 0.00	59.98 3.40 0.00
RAVENSWOOD_GT_4 24252	41.12 3.26 -2.48	38.36 3.06 -1.63	35.42 2.81 0.01	33.18 2.57 0.01	33.11 2.50 -0.90	32.68 2.46 -1.23	30.22 2.57 0.01	32.53 2.85 0.01	36.27 3.18 0.01	43.57 4.00 0.01	50.15 4.35 0.00	54.02 4.55 0.00	59.56 4.82 -0.01	61.27 4.90 0.00	62.11 5.28 0.00	69.88 5.53 0.01	81.72 7.77 2.95	97.20 9.34 6.47	100.64 9.95 11.92	89.32 8.44 11.90	81.84 6.81 6.03	74.00 5.37 2.91	67.39 4.17 0.01	59.98 3.40 0.00
RAVENSWOOD_GT_5 24254	41.12 3.26 -2.48	38.36 3.06 -1.63	35.42 2.81 0.01	33.18 2.57 0.01	33.11 2.50 -0.90	32.68 2.46 -1.23	30.22 2.57 0.01	32.53 2.85 0.01	36.27 3.18 0.01	43.57 4.00 0.01	50.15 4.35 0.00	54.02 4.55 0.00	59.56 4.82 -0.01	61.27 4.90 0.00	62.11 5.28 0.00	69.88 5.53 0.01	81.72 7.77 2.95	97.20 9.34 6.47	100.64 9.95 11.92	89.32 8.44 11.90	81.84 6.81 6.03	74.00 5.37 2.91	67.39 4.17 0.01	59.98 3.40 0.00
RAVENSWOOD_GT_6 24253	41.12 3.26 -2.48	38.36 3.06 -1.63	35.42 2.81 0.01	33.18 2.57 0.01	33.11 2.50 -0.90	32.68 2.46 -1.23	30.22 2.57 0.01	32.53 2.85 0.01	36.27 3.18 0.01	43.57 4.00 0.01	50.15 4.35 0.00	54.02 4.55 0.00	59.56 4.82 -0.01	61.27 4.90 0.00	62.11 5.28 0.00	69.88 5.53 0.01	81.72 7.77 2.95	97.20 9.34 6.47	100.64 9.95 11.92	89.32 8.44 11.90	81.84 6.81 6.03	74.00 5.37 2.91	67.39 4.17 0.01	59.98 3.40 0.00
RAVENSWOOD_GT_7 24255	41.12 3.26 -2.48	38.36 3.06 -1.63	35.42 2.81 0.01	33.18 2.57 0.01	33.11 2.50 -0.90	32.68 2.46 -1.23	30.22 2.57 0.01	32.53 2.85 0.01	36.27 3.18 0.01	43.57 4.00 0.01	50.15 4.35 0.00	54.02 4.55 0.00	59.56 4.82 -0.01	61.27 4.90 0.00	62.11 5.28 0.00	69.88 5.53 0.01	81.72 7.77 2.95	97.20 9.34 6.47	100.64 9.95 11.92	89.32 8.44 11.90	81.84 6.81 6.03	74.00 5.37 2.91	67.39 4.17 0.01	59.98 3.40 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.12 3.26 -2.48	38.40 3.10 -1.62	35.42 2.81 0.00	33.22 2.60 0.00	33.14 2.53 -0.90	32.71 2.49 -1.23	30.26 2.60 0.00	32.53 2.85 0.00	36.31 3.21 0.00	43.62 4.04 0.00	50.15 4.35 0.00	54.02 4.55 0.00	59.55 4.82 0.00	61.27 4.90 0.00	62.05 5.23 0.00	69.82 5.47 0.00	84.59 7.69 0.00	103.57 9.24 0.00	111.50 9.85 0.96	103.50 8.35 -2.36	93.47 6.73 -5.68	78.73 5.29 -1.90	67.27 4.05 0.00	59.98 3.40 0.00
RAVENSWOOD_GT_9 24257	41.12 3.26 -2.48	38.40 3.10 -1.62	35.42 2.81 0.00	33.22 2.60 0.00	33.14 2.53 -0.90	32.71 2.49 -1.23	30.26 2.60 0.00	32.53 2.85 0.00	36.31 3.21 0.00	43.62 4.04 0.00	50.15 4.35 0.00	54.02 4.55 0.00	59.55 4.82 0.00	61.27 4.90 0.00	62.05 5.23 0.00	69.82 5.47 0.00	84.59 7.69 0.00	103.57 9.24 0.00	111.50 9.85 0.96	103.50 8.35 -2.36	93.47 6.73 -5.68	78.73 5.29 -1.90	67.27 4.05 0.00	59.98 3.40 0.00

RAVENSWOOD___1 23533	41.26 3.40 -2.48	38.53 3.23 -1.62	35.56 2.94 -0.01	33.35 2.72 -0.01	33.34 2.73 -0.90	32.85 2.64 -1.23	30.38 2.71 -0.01	32.69 3.00 -0.01	36.55 3.44 -0.01	43.78 4.19 -0.01	50.24 4.44 0.00	54.17 4.70 0.00	59.55 4.82 0.00	60.93 4.56 0.00	61.76 4.94 0.00	69.49 5.15 0.01	74.69 7.38 9.59	82.03 8.77 21.07	89.66 9.43 22.38	75.26 7.98 25.50	69.51 6.40 17.95	69.05 5.01 7.49	67.20 3.99 0.01	60.55 3.96 0.00
RAVENSWOOD___2 23534	41.26 3.40 -2.48	38.50 3.20 -1.62	35.56 2.94 -0.01	33.35 2.72 -0.01	33.31 2.70 -0.90	32.85 2.64 -1.23	30.38 2.71 -0.01	32.66 2.97 -0.01	36.55 3.44 -0.01	43.78 4.19 -0.01	50.24 4.44 0.00	54.17 4.70 0.00	59.49 4.76 0.00	60.82 4.45 0.00	61.48 4.66 0.00	68.98 4.64 0.01	73.84 6.69 9.74	80.93 8.01 21.41	88.56 8.51 22.56	74.19 7.14 25.73	68.57 5.67 18.16	68.33 4.36 7.57	66.68 3.48 0.01	60.44 3.85 0.00
RAVENSWOOD___3 23535	41.16 3.29 -2.48	38.39 3.10 -1.62	35.42 2.81 0.00	33.22 2.60 0.00	33.23 2.62 -0.90	32.73 2.52 -1.23	30.26 2.60 0.00	32.56 2.88 0.00	36.41 3.31 0.00	43.62 4.04 0.00	50.10 4.30 0.00	54.02 4.55 0.00	59.44 4.71 0.00	60.93 4.56 0.00	61.82 5.00 0.00	69.82 5.47 0.00	84.59 7.69 0.00	103.47 9.15 0.00	113.05 9.85 -0.59	105.52 8.35 -4.38	95.04 6.72 -7.26	79.41 5.29 -2.58	67.46 4.24 0.00	60.49 3.90 0.00
RAVENSWOOD___4 23820	41.23 3.36 -2.48	38.50 3.20 -1.62	35.56 2.94 -0.01	33.35 2.72 -0.01	33.31 2.70 -0.90	32.82 2.61 -1.23	30.35 2.68 -0.01	32.66 2.97 -0.01	36.55 3.44 -0.01	43.74 4.15 -0.01	50.24 4.44 0.00	54.17 4.70 0.00	59.48 4.76 0.01	60.88 4.51 0.00	61.71 4.89 0.00	69.49 5.15 0.02	68.82 7.31 15.39	69.29 8.77 33.81	82.94 9.34 29.01	66.54 7.88 34.12	61.57 6.33 25.82	66.14 5.01 10.40	67.13 3.92 0.02	60.49 3.90 0.00
RCPL_TRUST___DRP 24196	41.16 3.29 -2.48	38.39 3.10 -1.62	35.46 2.84 0.00	33.25 2.63 0.00	33.17 2.56 -0.90	32.71 2.49 -1.23	30.28 2.63 0.00	32.59 2.91 0.00	36.34 3.24 0.00	43.66 4.08 0.00	50.20 4.40 0.00	54.12 4.65 0.00	59.66 4.93 0.00	61.39 5.02 0.00	62.22 5.40 0.00	69.95 5.60 0.00	84.82 7.92 0.00	103.67 9.34 0.00	113.26 10.06 -0.59	105.70 8.54 -4.38	95.13 6.81 -7.26	79.56 5.44 -2.58	67.40 4.17 0.00	60.10 3.51 0.00
RED___ROCHESTER 323720	35.60 -0.11 -0.32	33.85 -0.03 -0.21	32.49 -0.13 0.00	30.46 -0.15 0.00	29.41 -0.42 -0.12	28.77 -0.38 -0.16	27.49 -0.16 0.00	29.39 -0.30 0.00	32.87 -0.23 0.00	39.78 0.20 0.00	45.71 -0.09 0.00	49.77 0.30 0.00	55.17 0.44 0.00	56.77 0.40 0.00	57.50 0.68 0.00	65.57 1.22 0.00	78.74 1.84 0.00	97.07 2.74 0.00	105.79 3.18 0.00	95.66 2.88 0.00	84.06 3.00 0.00	74.04 2.50 0.00	65.50 2.27 0.00	58.85 2.27 0.00
REGAN___SOLAR 323812	47.55 3.19 -8.98	42.52 2.96 -5.88	35.39 2.77 0.00	33.19 2.57 0.00	33.42 2.58 -1.13	33.04 2.52 -1.53	30.04 2.38 0.00	32.12 2.43 0.00	35.91 2.81 0.00	42.83 3.25 0.00	49.24 3.44 0.00	53.18 3.71 0.00	58.78 4.05 0.00	60.43 4.06 0.00	61.14 4.32 0.00	69.51 5.15 0.00	83.97 7.07 0.00	103.85 9.52 0.00	119.53 11.59 -5.33	143.32 11.04 -39.50	156.53 10.05 -65.43	103.26 8.44 -23.29	70.05 6.83 0.00	62.30 5.71 0.00
RENSSELAER___COGEN 23796	42.72 1.56 -5.78	38.98 1.52 -3.79	34.09 1.47 0.00	31.99 1.38 0.00	32.10 1.37 -1.03	31.72 1.33 -1.40	28.82 1.16 0.00	30.87 1.19 0.00	34.42 1.33 0.00	41.12 1.54 0.00	47.17 1.37 0.00	50.75 1.28 0.00	55.94 1.20 0.00	57.50 1.13 0.00	58.29 1.47 0.00	65.96 1.61 0.00	79.43 2.53 0.00	97.35 3.02 0.00	108.69 3.18 -2.90	116.77 2.51 -21.49	118.67 2.03 -35.59	85.92 1.71 -12.67	64.49 1.26 0.00	57.61 1.02 0.00
REPUBLIC_115KV_BARTNBRK 55605	48.35 3.86 -9.10	43.27 3.64 -5.97	35.94 3.33 0.00	33.65 3.03 0.00	33.82 3.06 -1.05	33.44 3.01 -1.44	30.59 2.93 0.00	32.71 3.03 0.00	36.77 3.67 0.00	44.09 4.51 0.00	50.47 4.67 0.00	54.76 5.29 0.00	60.64 5.91 0.00	62.23 5.86 0.00	63.07 6.25 0.00	71.69 7.34 0.00	87.51 10.61 0.00	108.10 13.77 0.00	124.39 16.42 -5.36	147.23 14.75 -39.70	160.02 13.21 -65.75	106.17 11.23 -23.40	72.08 8.85 0.00	63.60 7.02 0.00
REVERE_CPPR_DRP 24186	36.70 1.31 0.00	34.85 1.18 0.00	33.79 1.17 0.00	31.72 1.10 0.00	30.86 1.10 -0.05	30.12 1.07 -0.07	28.60 0.94 0.00	30.66 0.98 0.00	34.22 1.13 0.00	40.89 1.31 0.00	47.22 1.42 0.00	51.15 1.68 0.00	56.76 2.03 0.00	58.45 2.09 0.00	59.04 2.22 0.00	67.19 2.83 0.00	80.98 4.08 0.00	99.80 5.47 0.00	109.07 6.46 0.00	99.00 6.22 0.00	86.65 5.59 0.00	76.18 4.65 0.00	66.89 3.67 0.00	59.47 2.89 0.00
REYNLDPA_13_KV_LD 356490	34.82 -0.57 0.00	33.07 -0.61 0.00	31.97 -0.65 0.00	30.00 -0.61 0.00	29.12 -0.59 0.00	28.35 -0.64 0.00	26.91 -0.75 0.00	28.97 -0.71 0.00	32.30 -0.79 0.00	38.59 -0.99 0.00	45.07 -0.73 0.00	48.58 -0.89 0.00	53.86 -0.88 0.00	55.41 -0.96 0.00	55.68 -1.14 0.00	63.20 -1.16 0.00	74.59 -2.31 0.00	91.12 -3.21 0.00	99.12 -3.49 0.00	89.90 -2.88 0.00	78.95 -2.11 0.00	70.18 -1.36 0.00	62.28 -0.95 0.00	56.02 -0.57 0.00
REYNOLDS_115KV_TB3 80639	43.36 1.77 -6.21	39.46 1.72 -4.07	34.28 1.66 0.00	32.18 1.56 0.00	32.25 1.52 -1.03	31.87 1.48 -1.40	29.04 1.38 0.00	31.11 1.42 0.00	34.65 1.56 0.00	41.48 1.90 0.00	47.58 1.79 0.00	51.20 1.73 0.00	56.54 1.81 0.00	58.29 1.92 0.00	59.04 2.22 0.00	66.61 2.25 0.00	80.21 3.31 0.00	98.29 3.96 0.00	109.93 4.10 -3.22	120.04 3.43 -23.83	123.29 2.76 -39.47	87.94 2.36 -14.05	64.93 1.71 0.00	57.83 1.24 0.00
RIVERBAY____ 323610	41.87 4.00 -2.49	39.11 3.80 -1.63	36.08 3.46 -0.01	33.84 3.21 -0.01	33.74 3.12 -0.91	33.27 3.04 -1.24	30.71 3.04 -0.01	33.02 3.32 -0.01	36.81 3.71 -0.01	44.34 4.75 -0.01	50.98 5.18 -0.01	54.87 5.39 -0.01	60.38 5.64 -0.01	62.07 5.69 -0.01	62.79 5.97 -0.01	70.35 5.99 -0.01	85.37 8.46 -0.01	104.43 10.09 -0.01	114.09 10.88 -0.60	106.45 9.28 -4.39	95.86 7.54 -7.27	80.14 6.01 -2.59	67.97 4.74 -0.01	60.84 4.24 -0.01
RIVERSDE_115KV_TB3 55908	43.35 1.70 -6.26	39.46 1.68 -4.11	34.22 1.60 0.00	32.12 1.50 0.00	32.20 1.46 -1.03	31.81 1.42 -1.40	28.96 1.30 0.00	31.02 1.34 0.00	34.52 1.42 0.00	41.32 1.74 0.00	47.45 1.65 0.00	51.05 1.58 0.00	56.37 1.64 0.00	58.12 1.75 0.00	58.87 2.05 0.00	66.48 2.12 0.00	80.05 3.15 0.00	98.10 3.77 0.00	109.77 3.90 -3.26	120.18 3.25 -24.15	123.65 2.59 -40.00	87.99 2.22 -14.24	64.80 1.58 0.00	57.72 1.13 0.00
ROARING___BROOK_WT_PWR 323790	34.68 -0.71 0.00	33.00 -0.67 0.00	31.93 -0.69 0.00	29.97 -0.64 0.00	29.12 -0.59 0.00	28.41 -0.58 0.00	27.08 -0.58 0.00	29.09 -0.59 0.00	32.47 -0.63 0.00	38.83 -0.75 0.00	44.98 -0.82 0.00	48.58 -0.89 0.00	53.80 -0.93 0.00	55.46 -0.90 0.00	55.91 -0.91 0.00	63.39 -0.96 0.00	75.59 -1.31 0.00	92.81 -1.51 0.00	101.07 -1.54 0.00	91.48 -1.30 0.00	79.92 -1.13 0.00	70.60 -0.93 0.00	62.34 -0.89 0.00	55.79 -0.79 0.00

ROCHESRG_115KV_T4 355643	35.18 -0.53 -0.32	33.44 -0.44 -0.21	32.13 -0.49 0.00	30.13 -0.49 0.00	29.29 -0.53 -0.12	28.62 -0.52 -0.16	27.21 -0.44 0.00	29.06 -0.62 0.00	32.54 -0.56 0.00	39.22 -0.36 0.00	44.97 -0.82 0.00	48.97 -0.49 0.00	54.24 -0.49 0.00	56.03 -0.34 0.00	56.54 -0.28 0.00	64.42 0.06 0.00	77.29 0.38 0.00	95.27 0.94 0.00	103.74 1.13 0.00	93.99 1.21 0.00	82.44 1.38 0.00	72.61 1.07 0.00	64.68 1.45 0.00	57.83 1.24 0.00
ROCHESTER_9_IC 23652	35.39 -0.32 -0.32	33.68 -0.20 -0.21	32.32 -0.29 0.00	30.31 -0.31 0.00	29.47 -0.36 -0.12	28.77 -0.38 -0.16	27.35 -0.30 0.00	29.24 -0.45 0.00	32.74 -0.36 0.00	39.54 -0.04 0.00	45.34 -0.46 0.00	49.37 -0.10 0.00	54.73 0.00 0.00	56.54 0.17 0.00	57.05 0.23 0.00	65.00 0.64 0.00	78.05 1.15 0.00	96.21 1.89 0.00	104.76 2.15 0.00	94.91 2.13 0.00	83.25 2.19 0.00	73.40 1.86 0.00	65.25 2.02 0.00	58.34 1.75 0.00
ROCKVIEW_13_KV_LD 356306	41.09 3.22 -2.48	38.36 3.06 -1.62	35.39 2.77 0.00	33.19 2.57 0.00	33.14 2.53 -0.90	32.68 2.46 -1.23	30.23 2.57 0.00	32.50 2.82 0.00	36.28 3.18 0.00	43.54 3.96 0.00	50.10 4.31 0.00	53.97 4.50 0.00	59.55 4.82 0.00	61.33 4.96 0.00	62.10 5.28 0.00	70.02 5.66 0.00	84.82 7.92 0.00	104.04 9.72 0.00	113.46 10.26 -0.59	105.88 8.72 -4.38	95.29 6.97 -7.26	79.70 5.58 -2.58	67.46 4.24 0.00	60.04 3.45 0.00
ROME____115KV_TB2 80656	36.70 1.31 0.00	34.85 1.18 0.00	33.79 1.17 0.00	31.72 1.10 0.00	30.86 1.10 -0.05	30.12 1.07 -0.07	28.60 0.94 0.00	30.66 0.98 0.00	34.22 1.13 0.00	40.89 1.31 0.00	47.22 1.42 0.00	51.15 1.68 0.00	56.76 2.03 0.00	58.45 2.09 0.00	59.04 2.22 0.00	67.19 2.83 0.00	80.98 4.08 0.00	99.80 5.47 0.00	109.07 6.46 0.00	99.00 6.22 0.00	86.65 5.59 0.00	76.18 4.65 0.00	66.89 3.67 0.00	59.47 2.89 0.00
ROSETON___1 23587	40.43 2.58 -2.46	37.74 2.46 -1.61	34.87 2.25 0.00	32.70 2.08 0.00	32.69 2.08 -0.90	32.24 2.03 -1.23	29.70 2.05 0.00	31.91 2.23 0.00	35.68 2.58 0.00	42.67 3.09 0.00	48.91 3.12 0.00	52.78 3.31 0.00	58.18 3.45 0.00	59.75 3.38 0.00	60.57 3.75 0.00	68.54 4.18 0.00	82.82 5.92 0.00	101.41 7.08 0.00	110.67 7.49 -0.58	103.36 6.31 -4.27	93.16 5.03 -7.07	78.06 4.00 -2.52	66.45 3.22 0.00	59.47 2.88 0.00
ROSETON___2 23588	40.43 2.58 -2.46	37.74 2.46 -1.61	34.87 2.25 0.00	32.70 2.08 0.00	32.69 2.08 -0.90	32.24 2.03 -1.23	29.70 2.05 0.00	31.91 2.23 0.00	35.68 2.58 0.00	42.67 3.09 0.00	48.91 3.12 0.00	52.78 3.31 0.00	58.18 3.45 0.00	59.75 3.38 0.00	60.57 3.75 0.00	68.54 4.18 0.00	82.82 5.92 0.00	101.41 7.08 0.00	110.67 7.49 -0.58	103.36 6.31 -4.27	93.16 5.03 -7.07	78.06 4.00 -2.52	66.45 3.22 0.00	59.47 2.88 0.00
ROTRDAM_115KV_TB3 80664	46.70 1.56 -9.75	41.55 1.48 -6.39	34.02 1.40 0.00	31.93 1.32 0.00	32.05 1.28 -1.06	31.68 1.25 -1.45	28.87 1.22 0.00	30.96 1.28 0.00	34.52 1.42 0.00	41.32 1.74 0.00	47.54 1.74 0.00	51.30 1.83 0.00	56.70 1.97 0.00	58.40 2.03 0.00	59.04 2.22 0.00	66.80 2.45 0.00	80.36 3.46 0.00	98.67 4.34 0.00	113.38 4.93 -5.84	140.42 4.36 -43.28	156.47 3.73 -71.69	100.20 3.15 -25.52	65.69 2.47 0.00	58.51 1.92 0.00
RUSSELL___1 23602	35.60 -0.11 -0.32	33.85 -0.03 -0.21	32.49 -0.13 0.00	30.46 -0.15 0.00	29.59 -0.24 -0.12	28.88 -0.26 -0.16	27.46 -0.19 0.00	29.39 -0.30 0.00	32.90 -0.20 0.00	39.82 0.24 0.00	45.66 -0.14 0.00	49.76 0.30 0.00	55.17 0.44 0.00	56.99 0.62 0.00	57.56 0.74 0.00	65.58 1.22 0.00	78.75 1.85 0.00	97.06 2.74 0.00	105.69 3.08 0.00	95.66 2.88 0.00	84.06 3.00 0.00	74.04 2.50 0.00	65.82 2.59 0.00	58.79 2.21 0.00
RUSSELL___2 23532	35.60 -0.11 -0.32	33.85 -0.03 -0.21	32.49 -0.13 0.00	30.46 -0.15 0.00	29.59 -0.24 -0.12	28.88 -0.26 -0.16	27.46 -0.19 0.00	29.39 -0.30 0.00	32.90 -0.20 0.00	39.82 0.24 0.00	45.66 -0.14 0.00	49.76 0.30 0.00	55.17 0.44 0.00	56.99 0.62 0.00	57.56 0.74 0.00	65.58 1.22 0.00	78.75 1.85 0.00	97.06 2.74 0.00	105.69 3.08 0.00	95.66 2.88 0.00	84.06 3.00 0.00	74.04 2.50 0.00	65.82 2.59 0.00	58.79 2.21 0.00
RUSSELL___3 23549	35.60 -0.11 -0.32	33.85 -0.03 -0.21	32.49 -0.13 0.00	30.46 -0.15 0.00	29.59 -0.24 -0.12	28.88 -0.26 -0.16	27.46 -0.19 0.00	29.39 -0.30 0.00	32.90 -0.20 0.00	39.82 0.24 0.00	45.66 -0.14 0.00	49.76 0.30 0.00	55.17 0.44 0.00	56.99 0.62 0.00	57.56 0.74 0.00	65.58 1.22 0.00	78.75 1.85 0.00	97.06 2.74 0.00	105.69 3.08 0.00	95.66 2.88 0.00	84.06 3.00 0.00	74.04 2.50 0.00	65.82 2.59 0.00	58.79 2.21 0.00
RUSSELL___4 23556	35.60 -0.11 -0.32	33.85 -0.03 -0.21	32.49 -0.13 0.00	30.46 -0.15 0.00	29.59 -0.24 -0.12	28.88 -0.26 -0.16	27.46 -0.19 0.00	29.39 -0.30 0.00	32.90 -0.20 0.00	39.82 0.24 0.00	45.66 -0.14 0.00	49.76 0.30 0.00	55.17 0.44 0.00	56.99 0.62 0.00	57.56 0.74 0.00	65.58 1.22 0.00	78.75 1.85 0.00	97.06 2.74 0.00	105.69 3.08 0.00	95.66 2.88 0.00	84.06 3.00 0.00	74.04 2.50 0.00	65.82 2.59 0.00	58.79 2.21 0.00
RUSSELL___STATION 23914	35.60 -0.11 -0.32	33.85 -0.03 -0.21	32.49 -0.13 0.00	30.46 -0.15 0.00	29.59 -0.24 -0.12	28.88 -0.26 -0.16	27.46 -0.19 0.00	29.39 -0.30 0.00	32.90 -0.20 0.00	39.82 0.24 0.00	45.66 -0.14 0.00	49.76 0.30 0.00	55.17 0.44 0.00	56.99 0.62 0.00	57.56 0.74 0.00	65.58 1.22 0.00	78.75 1.85 0.00	97.06 2.74 0.00	105.69 3.08 0.00	95.66 2.88 0.00	84.06 3.00 0.00	74.04 2.50 0.00	65.82 2.59 0.00	58.79 2.21 0.00
S SALMON___HYD 24043	35.53 0.14 0.00	33.77 0.10 0.00	32.81 0.20 0.00	30.80 0.18 0.00	29.93 0.15 -0.07	29.20 0.12 -0.10	27.71 0.06 0.00	29.71 0.03 0.00	33.07 -0.03 0.00	39.58 0.00 0.00	45.71 -0.09 0.00	49.62 0.15 0.00	54.95 0.22 0.00	56.54 0.17 0.00	56.99 0.17 0.00	64.61 0.26 0.00	77.67 0.77 0.00	95.55 1.22 0.00	104.35 1.74 0.00	94.73 1.95 0.00	83.00 1.94 0.00	73.11 1.57 0.00	64.30 1.07 0.00	57.49 0.90 0.00
S.PERRY__115KV_TB1 80734	36.32 0.46 -0.47	34.49 0.51 -0.31	32.98 0.36 0.00	30.92 0.31 0.00	29.99 0.12 -0.16	29.32 0.12 -0.22	27.88 0.22 0.00	29.53 -0.15 0.00	32.77 -0.33 0.00	39.26 -0.32 0.00	44.79 -1.05 -0.05	48.68 -0.79 0.00	53.59 -2.57 -1.43	54.11 -2.25 0.00	54.77 -2.05 0.00	62.49 -1.87 0.00	75.59 -1.31 0.00	94.04 -0.28 0.00	103.87 1.13 -0.13	96.33 2.60 -0.95	85.87 3.24 -1.57	74.81 2.72 -0.56	65.75 2.53 0.00	58.62 2.04 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.43 -1.38 -0.43	32.81 -1.14 -0.28	31.25 -1.37 0.00	29.30 -1.32 0.00	28.25 -1.60 -0.15	27.71 -1.48 -0.20	26.50 -1.16 0.00	28.14 -1.54 0.00	31.51 -1.59 0.00	38.00 -1.58 0.00	43.45 -2.34 0.01	47.39 -2.08 0.00	51.82 -2.57 0.34	54.00 -2.37 0.00	54.60 -2.22 0.00	62.55 -1.80 0.00	74.82 -2.08 0.00	92.44 -1.89 0.00	100.76 -1.85 0.00	91.39 -1.39 0.00	80.33 -0.73 0.00	70.82 -0.72 0.00	63.86 0.63 0.00	57.38 0.79 0.00

SAWYER___23_KV_LOAD 55526	34.43 -1.38 -0.43	32.81 -1.14 -0.28	31.25 -1.37 0.00	29.30 -1.32 0.00	28.25 -1.60 -0.15	27.71 -1.48 -0.20	26.50 -1.16 0.00	28.14 -1.54 0.00	31.51 -1.59 0.00	38.00 -1.58 0.00	43.45 -2.34 0.01	47.39 -2.08 0.00	51.82 -2.57 0.34	54.00 -2.37 0.00	54.60 -2.22 0.00	62.55 -1.80 0.00	74.82 -2.08 0.00	92.44 -1.89 0.00	100.76 -1.85 0.00	91.39 -1.39 0.00	80.33 -0.73 0.00	70.82 -0.72 0.00	63.86 0.63 0.00	57.38 0.79 0.00
SELKIRK___I 23801	41.76 1.59 -4.77	38.38 1.58 -3.13	34.15 1.53 0.00	32.05 1.44 0.00	32.12 1.40 -1.02	31.73 1.36 -1.39	28.90 1.25 0.00	30.93 1.25 0.00	34.46 1.36 0.00	41.17 1.58 0.00	47.26 1.47 0.00	50.90 1.44 0.00	56.15 1.42 0.00	57.78 1.41 0.00	58.47 1.65 0.00	66.28 1.93 0.00	79.67 2.76 0.00	97.72 3.39 0.00	108.46 3.69 -2.16	112.02 3.25 -15.99	110.30 2.76 -26.48	83.32 2.36 -9.43	65.19 1.96 0.00	58.28 1.70 0.00
SELKIRK___II 23799	41.86 1.49 -4.99	38.39 1.45 -3.27	34.02 1.40 0.00	31.93 1.32 0.00	32.04 1.31 -1.02	31.65 1.27 -1.39	28.82 1.16 0.00	30.87 1.19 0.00	34.42 1.33 0.00	41.17 1.58 0.00	47.26 1.47 0.00	50.90 1.44 0.00	56.15 1.42 0.00	57.72 1.35 0.00	58.47 1.65 0.00	66.22 1.87 0.00	79.67 2.76 0.00	97.63 3.30 0.00	108.41 3.49 -2.31	112.79 2.88 -17.13	111.78 2.35 -28.37	83.63 2.00 -10.10	64.74 1.51 0.00	57.89 1.30 0.00
SENECA OSWGO___HYD 24041	34.89 -0.50 0.00	33.20 -0.47 0.00	32.29 -0.33 0.00	30.28 -0.34 0.00	29.43 -0.36 -0.08	28.74 -0.35 -0.10	27.41 -0.25 0.00	29.42 -0.27 0.00	32.77 -0.33 0.00	39.22 -0.36 0.00	45.25 -0.55 0.00	49.02 -0.45 0.00	54.29 -0.44 0.00	55.86 -0.51 0.00	56.36 -0.46 0.00	63.84 -0.52 0.00	76.75 -0.15 0.00	94.33 0.00 0.00	102.61 0.00 0.00	92.97 0.19 0.00	81.22 0.16 0.00	71.46 -0.07 0.00	62.91 -0.31 0.00	56.25 -0.34 0.00
SENECA___115KV_TB3 355854	34.60 -1.24 -0.45	32.92 -1.04 -0.29	31.35 -1.27 0.00	29.39 -1.22 0.00	28.23 -1.63 -0.16	27.69 -1.51 -0.21	26.55 -1.11 0.00	28.23 -1.45 0.00	31.61 -1.49 0.00	38.12 -1.46 0.00	43.59 -2.20 0.01	47.49 -1.98 0.00	51.92 -2.41 0.41	54.23 -2.14 0.00	54.89 -1.93 0.00	62.94 -1.42 0.00	75.36 -1.54 0.00	93.20 -1.13 0.00	101.69 -0.92 0.00	92.22 -0.56 0.00	81.14 0.08 0.00	71.54 0.00 0.00	64.43 1.20 0.00	57.78 1.19 0.00
SENECA___ENERGY 23797	35.70 -0.04 -0.35	33.90 0.00 -0.23	32.62 0.00 0.00	30.58 -0.03 0.00	29.68 -0.15 -0.12	29.07 -0.09 -0.17	27.71 0.06 0.00	29.68 0.00 0.00	33.13 0.03 0.00	39.82 0.24 0.00	45.66 -0.14 0.00	49.62 0.15 0.00	55.05 0.22 -0.10	56.65 0.28 0.00	57.33 0.51 0.00	65.19 0.83 0.00	78.52 1.62 0.00	96.50 2.17 0.00	105.18 2.57 0.00	95.29 2.51 0.00	83.49 2.43 0.00	73.61 2.08 0.00	64.74 1.51 0.00	57.94 1.36 0.00
SHOEMAKER___GT 23640	40.19 2.44 -2.36	37.57 2.36 -1.55	34.74 2.12 0.00	32.54 1.93 0.00	32.50 1.93 -0.86	32.04 1.88 -1.17	29.54 1.88 0.00	31.70 2.02 0.00	35.45 2.35 0.00	42.35 2.77 0.00	48.59 2.79 0.00	52.49 3.02 0.00	57.91 3.17 0.00	59.52 3.15 0.00	60.40 3.58 0.00	68.54 4.18 0.00	82.82 5.92 0.00	101.49 7.17 0.00	110.87 7.70 -0.56	103.52 6.59 -4.15	93.28 5.35 -6.87	78.20 4.22 -2.45	66.57 3.35 0.00	59.47 2.88 0.00
SHOEMAKR_138KV_BK 111 55601	40.18 2.44 -2.35	37.54 2.32 -1.54	34.74 2.12 0.00	32.54 1.93 0.00	32.44 1.87 -0.85	32.01 1.86 -1.17	29.57 1.91 0.00	31.73 2.05 0.00	35.38 2.28 0.00	42.39 2.81 0.00	48.68 2.89 0.00	52.49 3.02 0.00	58.02 3.28 0.00	59.81 3.44 0.00	60.63 3.81 0.00	68.54 4.18 0.00	82.82 5.92 0.00	101.50 7.17 0.00	110.86 7.70 -0.56	103.41 6.49 -4.13	93.17 5.27 -6.84	78.12 4.15 -2.44	66.39 3.16 0.00	59.08 2.49 0.00
SHOREHAM_IC_1 23715	41.66 3.79 -2.49	38.70 3.40 -1.62	35.39 2.77 0.00	33.15 2.54 0.00	33.17 2.56 -0.90	32.56 2.35 -1.23	30.20 2.54 0.00	32.71 3.03 0.00	36.54 3.44 0.00	43.94 4.35 -0.01	53.60 4.49 -3.31	57.58 4.99 -3.12	60.23 5.47 -0.02	61.61 5.13 -0.11	62.88 5.51 -0.55	72.53 6.05 -2.13	89.66 8.69 -4.07	136.74 10.56 -31.85	133.62 11.19 -19.82	107.09 9.74 -4.57	94.94 7.54 -6.34	82.01 6.15 -4.33	69.32 4.30 -1.80	61.57 4.98 0.00
SHOREHAM_IC_2 23716	41.65 3.79 -2.48	38.70 3.40 -1.62	35.39 2.77 0.00	33.16 2.54 0.00	33.11 2.50 -0.90	32.50 2.29 -1.23	30.23 2.57 0.00	32.71 3.03 0.00	36.44 3.34 0.00	43.93 4.35 -0.00	53.92 4.81 -3.31	57.63 5.05 -3.12	60.34 5.58 -0.02	62.06 5.58 -0.11	63.11 5.74 -0.55	72.53 6.05 -2.13	89.66 8.69 -4.07	136.74 10.56 -31.85	133.61 11.18 -19.82	107.09 9.74 -4.57	94.94 7.54 -6.34	81.94 6.08 -4.33	69.70 4.68 -1.80	60.94 4.36 0.00
SISSONVILLE____ 23735	35.10 -0.28 0.00	33.30 -0.37 0.00	32.16 -0.46 0.00	30.19 -0.43 0.00	29.22 -0.51 -0.01	28.34 -0.67 -0.02	26.77 -0.89 0.00	28.82 -0.86 0.00	32.14 -0.96 0.00	38.31 -1.27 0.00	44.75 -1.05 0.00	48.28 -1.19 0.00	53.64 -1.09 0.00	55.13 -1.24 0.00	55.40 -1.42 0.00	62.94 -1.42 0.00	73.44 -3.46 0.00	89.80 -4.53 0.00	98.09 -4.51 0.00	89.35 -3.43 0.00	78.63 -2.43 0.00	70.89 -0.64 0.00	62.72 -0.51 0.00	56.25 -0.34 0.00
SITHE_IND_GS1 24169	34.47 -0.92 0.00	32.80 -0.88 0.00	31.93 -0.69 0.00	29.97 -0.64 0.00	29.09 -0.68 -0.06	28.40 -0.67 -0.08	27.10 -0.55 0.00	29.06 -0.62 0.00	32.30 -0.79 0.00	38.67 -0.91 0.00	44.61 -1.19 0.00	48.33 -1.14 0.00	53.48 -1.26 0.00	55.02 -1.35 0.00	55.57 -1.25 0.00	63.00 -1.35 0.00	75.59 -1.31 0.00	92.81 -1.51 0.00	100.96 -1.65 0.00	91.39 -1.39 0.00	79.85 -1.21 0.00	70.39 -1.15 0.00	62.09 -1.14 0.00	55.57 -1.02 0.00
SITHE_IND_GS2 24170	34.47 -0.92 0.00	32.80 -0.88 0.00	31.93 -0.69 0.00	29.97 -0.64 0.00	29.09 -0.68 -0.06	28.40 -0.67 -0.08	27.10 -0.55 0.00	29.06 -0.62 0.00	32.30 -0.79 0.00	38.67 -0.91 0.00	44.61 -1.19 0.00	48.33 -1.14 0.00	53.48 -1.26 0.00	55.02 -1.35 0.00	55.57 -1.25 0.00	63.00 -1.35 0.00	75.59 -1.31 0.00	92.81 -1.51 0.00	100.96 -1.65 0.00	91.39 -1.39 0.00	79.85 -1.21 0.00	70.39 -1.15 0.00	62.09 -1.14 0.00	55.57 -1.02 0.00
SITHE_IND_GS3 24171	34.47 -0.92 0.00	32.80 -0.88 0.00	31.93 -0.69 0.00	29.97 -0.64 0.00	29.09 -0.68 -0.06	28.40 -0.67 -0.08	27.10 -0.55 0.00	29.06 -0.62 0.00	32.30 -0.79 0.00	38.67 -0.91 0.00	44.61 -1.19 0.00	48.33 -1.14 0.00	53.48 -1.26 0.00	55.02 -1.35 0.00	55.57 -1.25 0.00	63.00 -1.35 0.00	75.59 -1.31 0.00	92.81 -1.51 0.00	100.96 -1.65 0.00	91.39 -1.39 0.00	79.85 -1.21 0.00	70.39 -1.15 0.00	62.09 -1.14 0.00	55.57 -1.02 0.00
SITHE_IND_GS4 24172	34.47 -0.92 0.00	32.80 -0.88 0.00	31.93 -0.69 0.00	29.97 -0.64 0.00	29.09 -0.68 -0.06	28.40 -0.67 -0.08	27.10 -0.55 0.00	29.06 -0.62 0.00	32.30 -0.79 0.00	38.67 -0.91 0.00	44.61 -1.19 0.00	48.33 -1.14 0.00	53.48 -1.26 0.00	55.02 -1.35 0.00	55.57 -1.25 0.00	63.00 -1.35 0.00	75.59 -1.31 0.00	92.81 -1.51 0.00	100.96 -1.65 0.00	91.39 -1.39 0.00	79.85 -1.21 0.00	70.39 -1.15 0.00	62.09 -1.14 0.00	55.57 -1.02 0.00

SITHE___BATAVIA 24024	35.41 -0.35 -0.38	33.65 -0.27 -0.25	32.19 -0.42 0.00	30.19 -0.43 0.00	29.07 -0.77 -0.13	28.47 -0.70 -0.18	27.19 -0.47 0.00	28.94 -0.74 0.00	32.34 -0.76 0.00	39.06 -0.52 0.00	45.11 -0.69 0.01	49.17 -0.30 0.00	53.74 -0.77 0.23	55.36 -1.01 0.00	56.20 -0.62 0.00	64.42 0.06 0.00	77.44 0.54 0.00	96.03 1.70 0.00	105.07 2.46 0.00	95.19 2.41 0.00	83.73 2.67 0.00	73.76 2.22 0.00	65.56 2.34 0.00	59.19 2.60 0.00
SITHE___INDEPEND 23800	34.47 -0.92 0.00	32.80 -0.88 0.00	31.90 -0.72 0.00	29.97 -0.64 0.00	29.12 -0.65 -0.06	28.43 -0.64 -0.08	27.10 -0.55 0.00	29.06 -0.62 0.00	32.37 -0.73 0.00	38.67 -0.91 0.00	44.61 -1.19 0.00	48.33 -1.14 0.00	53.47 -1.26 0.00	55.13 -1.24 0.00	55.63 -1.19 0.00	63.00 -1.35 0.00	75.59 -1.31 0.00	92.82 -1.51 0.00	100.97 -1.64 0.00	91.39 -1.39 0.00	79.84 -1.22 0.00	70.39 -1.14 0.00	62.15 -1.07 0.00	55.51 -1.08 0.00
SITHE___MASSENA 23902	34.96 -0.42 0.00	33.20 -0.47 0.00	32.09 -0.52 0.00	30.12 -0.49 0.00	29.20 -0.51 0.00	28.41 -0.58 0.00	26.97 -0.69 0.00	29.00 -0.68 0.00	32.34 -0.76 0.00	38.63 -0.95 0.00	45.25 -0.55 0.00	48.63 -0.84 0.00	54.08 -0.65 0.00	55.81 -0.56 0.00	55.91 -0.91 0.00	63.32 -1.03 0.00	73.98 -2.92 0.00	90.27 -4.05 0.00	98.30 -4.31 0.00	89.26 -3.53 0.00	78.46 -2.60 0.00	70.53 -1.00 0.00	62.59 -0.63 0.00	56.02 -0.57 0.00
SITHE___OGDNSBRG 24021	35.46 0.07 0.00	33.64 -0.03 0.00	32.49 -0.13 0.00	30.49 -0.12 0.00	29.59 -0.12 0.00	28.72 -0.26 0.00	27.13 -0.53 0.00	29.15 -0.53 0.00	32.44 -0.66 0.00	38.59 -0.99 0.00	45.07 -0.73 0.00	48.63 -0.84 0.00	54.02 -0.71 0.00	55.52 -0.85 0.00	55.74 -1.08 0.00	63.39 -0.97 0.00	74.13 -2.77 0.00	90.84 -3.49 0.00	99.53 -3.08 0.00	90.83 -1.95 0.00	80.17 -0.89 0.00	72.11 0.57 0.00	63.79 0.57 0.00	57.21 0.62 0.00
SITHE___STERLING 23777	36.45 1.06 0.00	34.65 0.98 0.00	33.60 0.98 0.00	31.53 0.92 0.00	30.69 0.92 -0.06	29.96 0.90 -0.08	28.46 0.80 0.00	30.51 0.83 0.00	34.02 0.93 0.00	40.73 1.15 0.00	46.94 1.15 0.00	50.85 1.38 0.00	56.43 1.70 0.00	58.06 1.69 0.00	58.64 1.82 0.00	66.74 2.38 0.00	80.44 3.54 0.00	99.04 4.71 0.00	108.04 5.43 0.00	97.97 5.19 0.00	85.76 4.70 0.00	75.32 3.79 0.00	66.13 2.91 0.00	59.02 2.43 0.00
SLEIGHT__34_KV_TB1 80719	35.42 -0.28 -0.31	33.64 -0.24 -0.21	32.39 -0.23 0.00	30.34 -0.28 0.00	29.50 -0.33 -0.11	28.82 -0.32 -0.15	27.44 -0.22 0.00	29.42 -0.27 0.00	32.93 -0.17 0.00	39.70 0.12 0.00	45.66 -0.14 0.00	49.62 0.15 0.00	55.06 0.33 0.00	56.88 0.51 0.00	57.39 0.57 0.00	65.19 0.84 0.00	78.44 1.54 0.00	96.69 2.36 0.00	105.17 2.57 0.00	95.29 2.51 0.00	83.49 2.43 0.00	73.47 1.93 0.00	64.99 1.77 0.00	57.95 1.36 0.00
SMITHTWN_69_KV_BK 1 55830	42.11 4.25 -2.48	39.17 3.87 -1.62	35.88 3.26 0.00	33.58 2.97 0.00	33.49 2.88 -0.90	32.91 2.70 -1.23	30.59 2.93 0.00	33.10 3.41 0.00	36.91 3.81 0.00	44.53 4.95 -3.31	54.61 5.50 -3.12	58.37 5.79 -0.02	61.05 6.29 -0.13	62.81 6.31 -0.60	63.90 6.48 -2.05	73.23 6.82 -4.13	90.25 9.23 -93.76	199.32 11.23 -59.35	173.76 11.80 -4.60	107.59 10.21 -4.60	94.55 7.94 -5.55	82.31 6.44 -4.34	69.84 5.25 -1.36	61.45 4.87 0.00
SOUTH CAIRO___GT 23612	42.25 2.26 -4.60	38.84 2.16 -3.02	34.93 2.32 0.00	32.64 2.02 0.00	32.34 1.63 -1.00	31.91 1.57 -1.36	29.37 1.71 0.00	31.32 1.63 0.00	34.82 1.72 0.00	41.56 1.98 0.00	47.77 1.97 0.00	51.40 1.93 0.00	56.87 2.13 0.00	58.79 2.42 0.00	59.83 3.01 0.00	68.41 4.05 0.00	82.90 6.00 0.00	102.35 8.02 0.00	112.87 8.21 -2.06	115.44 7.42 -15.24	112.78 6.48 -25.23	85.74 5.22 -8.98	67.71 4.49 0.00	59.93 3.34 0.00
SOUTH HAMPTN___IC 23720	42.37 4.49 -2.49	39.30 4.01 -1.62	35.95 3.33 0.00	33.68 3.06 0.00	33.64 3.03 -0.90	33.00 2.78 -1.23	30.65 2.99 0.00	33.21 3.53 0.00	37.27 4.17 0.00	45.01 5.42 -0.01	54.83 5.72 -3.31	59.01 6.43 -3.12	62.03 7.28 -0.02	63.53 7.05 -0.11	64.91 7.56 -0.54	74.95 8.49 -2.10	92.60 11.68 -4.02	135.01 14.33 -26.35	133.91 14.98 -16.32	110.33 12.99 -4.56	97.61 10.13 -6.42	84.28 8.44 -4.31	71.42 6.38 -1.81	63.43 6.84 0.00
SOUTHDOW_115KV_TB1 355954	34.53 -1.34 -0.49	32.81 -1.18 -0.32	31.21 -1.40 0.00	29.24 -1.38 0.00	27.92 -1.96 -0.17	27.48 -1.74 -0.23	26.44 -1.22 0.00	28.17 -1.51 0.00	31.68 -1.42 0.00	38.20 -1.39 0.00	43.50 -2.29 0.01	47.39 -2.08 0.00	52.19 -2.35 0.19	54.45 -1.92 0.00	55.17 -1.65 0.00	63.39 -0.97 0.00	76.29 -0.62 0.00	94.89 0.57 0.00	103.77 1.03 -0.13	95.15 1.39 -0.98	84.46 1.78 -1.62	73.61 1.50 -0.57	65.31 2.09 0.00	58.62 2.04 0.00
SOUTHOLD_69_KV_BK 2 55809	42.57 4.71 -2.48	39.47 4.18 -1.62	36.04 3.42 0.00	33.74 3.12 0.00	33.64 3.03 -0.90	33.03 2.81 -1.23	30.73 3.07 0.00	33.33 3.65 0.00	37.34 4.24 0.00	45.36 5.78 -3.31	55.43 6.32 -3.12	59.51 6.93 -0.02	62.74 7.99 -0.11	64.71 8.23 -0.54	65.94 8.58 -2.10	75.92 9.46 -4.02	93.92 13.00 -26.43	136.70 15.94 -16.37	135.50 16.52 -4.56	111.72 14.38 -6.41	98.58 11.11 -4.31	85.22 9.37 -1.81	72.69 7.65 -1.81	63.83 7.24 0.00
SOUTHOLD___IC 23719	42.58 4.71 -2.49	39.47 4.17 -1.62	36.04 3.42 0.00	33.74 3.12 0.00	33.73 3.12 -0.90	33.06 2.84 -1.23	30.73 3.07 0.00	33.33 3.65 0.00	37.47 4.37 0.00	45.37 5.78 -0.01	55.15 6.04 -3.31	59.46 6.87 -3.12	62.64 7.88 -0.02	64.20 7.72 -0.11	65.65 8.30 -0.54	75.92 9.46 -2.10	93.92 13.00 -4.02	136.70 15.95 -26.43	135.50 16.52 -16.37	111.62 14.28 -4.56	98.66 11.19 -6.41	85.29 9.44 -4.31	72.37 7.33 -1.81	64.45 7.86 0.00
SOUTH_FORK_WT_PWR 323839	42.37 4.49 -2.49	39.24 3.94 -1.62	35.82 3.20 0.00	33.52 2.91 0.00	33.52 2.91 -0.90	32.85 2.64 -1.23	30.51 2.85 0.00	33.12 3.44 0.00	37.24 4.14 0.00	45.21 5.62 -0.01	54.83 5.72 -3.31	59.16 6.58 -3.12	62.31 7.56 -0.02	63.86 7.38 -0.11	65.37 8.01 -0.54	75.53 9.08 -2.10	93.53 12.61 -4.02	136.18 15.47 -26.39	134.74 15.80 -16.34	110.98 13.64 -4.56	98.01 10.53 -6.42	84.93 9.09 -4.31	72.18 7.14 -1.81	64.45 7.86 0.00
SPIERFLS_115KV_TB 1 80737	46.64 2.09 -9.17	41.70 2.02 -6.01	34.48 1.86 0.00	32.30 1.68 0.00	32.46 1.69 -1.06	32.08 1.65 -1.44	29.29 1.63 0.00	31.38 1.69 0.00	35.12 2.02 0.00	42.07 2.49 0.00	48.00 2.20 0.00	51.89 2.42 0.00	57.36 2.63 0.00	58.91 2.54 0.00	59.66 2.84 0.00	67.64 3.28 0.00	82.36 5.46 0.00	101.40 7.07 0.00	116.64 8.62 -5.41	140.36 7.52 -40.07	153.99 6.57 -66.36	100.74 5.58 -23.62	67.46 4.24 0.00	59.81 3.23 0.00
ST LAWRENCE____ 23600	34.61 -0.78 0.00	32.86 -0.81 0.00	31.77 -0.85 0.00	29.82 -0.80 0.00	28.94 -0.77 0.00	28.20 -0.78 0.00	26.80 -0.86 0.00	28.82 -0.86 0.00	32.17 -0.93 0.00	38.39 -1.19 0.00	44.83 -0.96 0.00	48.33 -1.14 0.00	53.58 -1.15 0.00	55.30 -1.07 0.00	55.46 -1.36 0.00	62.75 -1.61 0.00	74.21 -2.69 0.00	90.84 -3.49 0.00	98.81 -3.79 0.00	89.63 -3.15 0.00	78.46 -2.60 0.00	69.67 -1.86 0.00	61.83 -1.39 0.00	55.40 -1.19 0.00

STATE_CA_115KV_115_LB 55624	43.89 1.73 -6.76	39.79 1.68 -4.43	34.22 1.60 0.00	32.12 1.50 0.00	32.20 1.46 -1.04	31.85 1.45 -1.41	28.96 1.30 0.00	30.99 1.31 0.00	34.52 1.42 0.00	41.36 1.78 0.00	47.49 1.69 0.00	51.15 1.68 0.00	56.48 1.75 0.00	58.23 1.86 0.00	58.92 2.10 0.00	66.61 2.25 0.00	80.21 3.31 0.00	98.29 3.96 0.00	110.45 4.21 -3.63	123.18 3.53 -26.88	128.41 2.84 -44.52	89.81 2.43 -15.85	64.99 1.77 0.00	57.83 1.24 0.00
STATE_ST_34_KV_LOAD 55959	36.01 0.28 -0.34	34.17 0.27 -0.22	32.91 0.29 0.00	30.86 0.24 0.00	30.01 0.18 -0.12	29.35 0.20 -0.17	27.96 0.30 0.00	30.01 0.33 0.00	33.53 0.43 0.00	40.17 0.59 0.00	46.26 0.46 0.00	50.16 0.69 0.00	55.61 0.88 0.00	57.50 1.13 0.00	58.07 1.25 0.00	65.77 1.42 0.00	79.28 2.38 0.00	97.53 3.21 0.00	106.10 3.49 0.00	96.31 3.53 0.00	84.22 3.16 0.00	74.11 2.58 0.00	65.18 1.96 0.00	58.06 1.47 0.00
STATION_5_MISC_HYD 23604	35.39 -0.32 -0.32	33.65 -0.23 -0.21	32.32 -0.29 0.00	30.31 -0.31 0.00	29.26 -0.57 -0.12	28.62 -0.52 -0.16	27.35 -0.30 0.00	29.24 -0.44 0.00	32.70 -0.40 0.00	39.50 -0.08 0.00	45.34 -0.46 0.00	49.37 -0.10 0.00	54.73 0.00 0.00	56.31 -0.06 0.00	57.05 0.23 0.00	65.00 0.64 0.00	78.06 1.16 0.00	96.21 1.89 0.00	104.86 2.25 0.00	94.82 2.04 0.00	83.25 2.19 0.00	73.32 1.79 0.00	64.93 1.71 0.00	58.40 1.81 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.54 -0.18 -0.33	33.79 -0.10 -0.21	32.45 -0.16 0.00	30.46 -0.15 0.00	29.59 -0.24 -0.12	28.91 -0.23 -0.16	27.52 -0.14 0.00	29.48 -0.21 0.00	33.00 -0.10 0.00	39.74 0.16 0.00	45.62 -0.18 0.00	49.57 0.10 0.00	54.95 0.22 0.00	56.76 0.39 0.00	57.33 0.51 0.00	65.19 0.84 0.00	78.44 1.54 0.00	96.59 2.26 0.00	105.17 2.57 0.00	95.29 2.51 0.00	83.57 2.51 0.00	73.61 2.07 0.00	65.12 1.90 0.00	58.12 1.53 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.25 -0.46 -0.32	33.51 -0.37 -0.21	32.16 -0.46 0.00	30.19 -0.43 0.00	29.32 -0.51 -0.12	28.65 -0.49 -0.16	27.21 -0.44 0.00	29.12 -0.56 0.00	32.64 -0.46 0.00	39.38 -0.20 0.00	45.20 -0.60 0.00	49.22 -0.25 0.00	54.57 -0.16 0.00	56.37 0.00 0.00	56.88 0.06 0.00	64.81 0.45 0.00	77.82 0.92 0.00	95.93 1.60 0.00	104.46 1.85 0.00	94.54 1.76 0.00	82.92 1.86 0.00	73.04 1.50 0.00	64.87 1.64 0.00	58.00 1.41 0.00
STA_56___34_KV_BUS2 355983	35.25 -0.46 -0.32	33.51 -0.37 -0.21	32.16 -0.46 0.00	30.19 -0.43 0.00	29.32 -0.51 -0.12	28.65 -0.49 -0.16	27.21 -0.44 0.00	29.12 -0.56 0.00	32.64 -0.46 0.00	39.38 -0.20 0.00	45.20 -0.60 0.00	49.22 -0.25 0.00	54.57 -0.16 0.00	56.37 0.00 0.00	56.88 0.06 0.00	64.81 0.45 0.00	77.82 0.92 0.00	95.93 1.60 0.00	104.46 1.85 0.00	94.54 1.76 0.00	82.92 1.86 0.00	73.04 1.50 0.00	64.87 1.64 0.00	58.00 1.41 0.00
STA_67___115KV_BK2 355882	35.32 -0.39 -0.32	33.58 -0.30 -0.21	32.23 -0.39 0.00	30.22 -0.40 0.00	29.38 -0.45 -0.12	28.71 -0.43 -0.16	27.30 -0.36 0.00	29.15 -0.53 0.00	32.64 -0.46 0.00	39.42 -0.16 0.00	45.20 -0.60 0.00	49.22 -0.25 0.00	54.51 -0.22 0.00	56.31 -0.06 0.00	56.88 0.06 0.00	64.74 0.39 0.00	77.75 0.85 0.00	95.84 1.51 0.00	104.35 1.74 0.00	94.54 1.76 0.00	82.92 1.86 0.00	73.11 1.57 0.00	65.06 1.83 0.00	58.17 1.58 0.00
STA_7___115KV_9TRANS 80674	35.60 -0.11 -0.32	33.85 -0.03 -0.21	32.49 -0.13 0.00	30.46 -0.15 0.00	29.59 -0.24 -0.12	28.88 -0.26 -0.16	27.46 -0.19 0.00	29.39 -0.30 0.00	32.90 -0.20 0.00	39.82 0.24 0.00	45.66 -0.14 0.00	49.76 0.30 0.00	55.17 0.44 0.00	56.99 0.62 0.00	57.56 0.74 0.00	65.58 1.22 0.00	78.75 1.85 0.00	97.06 2.74 0.00	105.69 3.08 0.00	95.66 2.88 0.00	84.06 3.00 0.00	74.04 2.50 0.00	65.82 2.59 0.00	58.79 2.21 0.00
STA_82___115KV_TB1 80780	35.32 -0.39 -0.32	33.58 -0.30 -0.21	32.26 -0.36 0.00	30.25 -0.37 0.00	29.41 -0.42 -0.12	28.71 -0.43 -0.16	27.30 -0.36 0.00	29.18 -0.50 0.00	32.67 -0.43 0.00	39.42 -0.16 0.00	45.20 -0.60 0.00	49.22 -0.25 0.00	54.51 -0.22 0.00	56.31 -0.06 0.00	56.88 0.06 0.00	64.74 0.39 0.00	77.75 0.85 0.00	95.93 1.60 0.00	104.46 1.85 0.00	94.54 1.76 0.00	83.00 1.95 0.00	73.11 1.57 0.00	65.06 1.83 0.00	58.17 1.58 0.00
STEEL___WIND 323596	34.56 -1.27 -0.45	32.86 -1.11 -0.29	31.31 -1.31 0.00	29.36 -1.26 0.00	28.29 -1.58 -0.16	27.84 -1.36 -0.21	26.58 -1.08 0.00	28.20 -1.48 0.00	31.58 -1.52 0.00	38.04 -1.54 0.00	43.54 -2.24 0.01	47.44 -2.03 0.00	51.81 -2.52 0.41	53.78 -2.59 0.00	54.72 -2.10 0.00	62.81 -1.55 0.00	75.21 -1.69 0.00	93.10 -1.23 0.00	101.68 -0.93 0.00	92.14 -0.64 0.00	80.98 -0.08 0.00	71.39 -0.14 0.00	63.79 0.57 0.00	57.83 1.24 0.00
STEPHTWN_115KV_BK_2 55603	43.08 1.91 -5.78	39.31 1.85 -3.79	34.38 1.76 0.00	32.24 1.62 0.00	32.31 1.57 -1.03	31.92 1.54 -1.40	29.07 1.41 0.00	31.14 1.45 0.00	34.69 1.59 0.00	41.56 1.98 0.00	47.77 1.97 0.00	51.40 1.93 0.00	56.76 2.03 0.00	58.45 2.09 0.00	59.21 2.39 0.00	66.93 2.57 0.00	80.67 3.77 0.00	98.95 4.62 0.00	110.44 4.93 -2.90	118.35 4.08 -21.49	120.05 3.40 -35.59	87.06 2.86 -12.67	65.37 2.15 0.00	58.12 1.53 0.00
STEBUBEN_REC_LFGE 323667	34.83 -1.17 -0.61	32.99 -1.08 -0.40	31.41 -1.21 0.00	29.48 -1.13 0.00	28.46 -1.46 -0.21	27.96 -1.30 -0.28	26.77 -0.89 0.00	28.50 -1.19 0.00	31.87 -1.22 0.00	38.35 -1.23 0.00	43.86 -1.97 -0.03	47.84 -1.63 0.00	53.75 -1.92 -0.93	54.85 -1.52 0.00	55.63 -1.19 0.00	63.39 -0.97 0.00	76.52 -0.38 0.00	94.80 0.47 0.00	103.90 1.13 -0.16	96.23 2.23 -1.22	85.67 2.59 -2.02	74.33 2.07 -0.72	65.25 2.02 0.00	58.23 1.64 0.00
STILLWATER___SOLAR 323814	46.53 2.27 -8.87	41.68 2.19 -5.82	34.67 2.06 0.00	32.51 1.90 0.00	32.66 1.90 -1.05	32.28 1.86 -1.43	29.43 1.77 0.00	31.52 1.84 0.00	35.28 2.18 0.00	42.12 2.54 0.00	48.32 2.52 0.00	52.19 2.72 0.00	57.63 2.90 0.00	59.19 2.82 0.00	59.94 3.12 0.00	68.02 3.67 0.00	82.20 5.30 0.00	101.12 6.80 0.00	115.50 7.70 -5.19	138.01 6.77 -38.46	150.67 5.91 -63.70	99.29 5.08 -22.67	67.27 4.05 0.00	59.93 3.34 0.00
STONY___BROOK 24151	42.08 4.21 -2.49	39.13 3.84 -1.62	35.85 3.23 0.00	33.55 2.94 0.00	33.55 2.94 -0.90	32.94 2.72 -1.23	30.59 2.93 0.00	33.07 3.38 0.00	37.00 3.90 0.00	44.50 4.91 -0.01	54.28 5.17 -3.31	58.22 5.64 -3.12	60.83 6.07 -0.02	62.24 5.75 -0.12	63.53 6.14 -0.57	73.10 6.57 -2.18	89.93 8.84 -4.18	163.63 10.75 -58.55	150.76 11.29 -36.86	107.10 9.74 -4.58	94.67 7.62 -5.99	82.04 6.15 -4.35	69.60 4.74 -1.64	62.02 5.43 0.00
STURGEON_POOL_HYD 23609	40.75 2.48 -2.88	37.92 2.36 -1.89	34.93 2.32 0.00	32.70 2.08 0.00	32.50 1.87 -0.92	32.06 1.83 -1.25	29.68 2.02 0.00	31.85 2.17 0.00	35.55 2.45 0.00	42.59 3.01 0.00	48.96 3.16 0.00	52.83 3.36 0.00	58.40 3.67 0.00	60.26 3.89 0.00	61.14 4.32 0.00	69.25 4.89 0.00	83.67 6.77 0.00	102.63 8.30 0.00	111.80 8.31 -0.88	106.31 7.05 -6.48	97.47 5.67 -10.74	79.79 4.44 -3.82	66.83 3.60 0.00	59.42 2.83 0.00

ST_LAW_115_BK7_LBMP 345037	34.58 -0.81 0.00	32.83 -0.84 0.00	31.74 -0.88 0.00	29.79 -0.83 0.00	28.91 -0.80 0.00	28.14 -0.84 0.00	26.77 -0.89 0.00	28.79 -0.89 0.00	32.11 -0.99 0.00	38.35 -1.23 0.00	44.79 -1.01 0.00	48.23 -1.23 0.00	53.53 -1.20 0.00	55.24 -1.13 0.00	55.40 -1.42 0.00	62.68 -1.67 0.00	73.90 -3.00 0.00	90.46 -3.87 0.00	98.50 -4.11 0.00	89.26 -3.53 0.00	78.22 -2.84 0.00	69.61 -1.93 0.00	61.77 -1.45 0.00	55.34 -1.25 0.00
ST_LAW_115_BK8_LBMP 345038	34.58 -0.81 0.00	32.83 -0.84 0.00	31.74 -0.88 0.00	29.79 -0.83 0.00	28.91 -0.80 0.00	28.14 -0.84 0.00	26.77 -0.89 0.00	28.79 -0.89 0.00	32.11 -0.99 0.00	38.35 -1.23 0.00	44.79 -1.01 0.00	48.23 -1.23 0.00	53.53 -1.20 0.00	55.24 -1.13 0.00	55.40 -1.42 0.00	62.68 -1.67 0.00	73.90 -3.00 0.00	90.46 -3.87 0.00	98.50 -4.11 0.00	89.26 -3.53 0.00	78.22 -2.84 0.00	69.61 -1.93 0.00	61.77 -1.45 0.00	55.34 -1.25 0.00
ST_LAW_230_BK5_LBMP 345035	34.61 -0.78 0.00	32.86 -0.81 0.00	31.77 -0.85 0.00	29.82 -0.80 0.00	28.94 -0.77 0.00	28.20 -0.78 0.00	26.80 -0.86 0.00	28.82 -0.86 0.00	32.17 -0.93 0.00	38.39 -1.19 0.00	44.83 -0.96 0.00	48.33 -1.14 0.00	53.58 -1.15 0.00	55.30 -1.07 0.00	55.46 -1.36 0.00	62.75 -1.61 0.00	74.21 -2.69 0.00	90.84 -3.49 0.00	98.81 -3.79 0.00	89.63 -3.15 0.00	78.46 -2.60 0.00	69.67 -1.86 0.00	61.83 -1.39 0.00	55.40 -1.19 0.00
ST_LAW_230_BK6_LBMP 345036	34.61 -0.78 0.00	32.86 -0.81 0.00	31.77 -0.85 0.00	29.82 -0.80 0.00	28.94 -0.77 0.00	28.20 -0.78 0.00	26.80 -0.86 0.00	28.82 -0.86 0.00	32.17 -0.93 0.00	38.39 -1.19 0.00	44.83 -0.96 0.00	48.33 -1.14 0.00	53.58 -1.15 0.00	55.30 -1.07 0.00	55.46 -1.36 0.00	62.75 -1.61 0.00	74.21 -2.69 0.00	90.84 -3.49 0.00	98.81 -3.79 0.00	89.63 -3.15 0.00	78.46 -2.60 0.00	69.67 -1.86 0.00	61.83 -1.39 0.00	55.40 -1.19 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.43 2.65 -2.39	37.76 2.53 -1.56	34.90 2.28 0.00	32.70 2.08 0.00	32.60 2.02 -0.87	32.17 2.00 -1.18	29.70 2.05 0.00	31.91 2.23 0.00	35.61 2.52 0.00	42.67 3.09 0.00	49.00 3.21 0.00	52.83 3.36 0.00	58.34 3.61 0.00	60.15 3.78 0.00	60.97 4.15 0.00	68.92 4.57 0.00	83.36 6.46 0.00	102.16 7.83 0.00	111.49 8.31 -0.57	104.04 7.05 -4.20	93.62 5.59 -6.96	78.45 4.44 -2.48	66.57 3.35 0.00	59.25 2.66 0.00
SWANROAD_115KV_TB1 355699	33.85 -1.95 -0.41	32.26 -1.68 -0.27	30.76 -1.86 0.00	28.84 -1.78 0.00	27.86 -1.99 -0.14	27.30 -1.88 -0.20	26.08 -1.58 0.00	27.69 -1.99 0.00	30.98 -2.12 0.00	37.36 -2.22 0.00	43.36 -2.43 0.01	47.29 -2.18 0.00	51.23 -3.17 0.32	52.99 -3.38 0.00	53.52 -3.30 0.00	61.27 -3.09 0.00	73.21 -3.69 0.00	90.46 -3.87 0.00	98.61 -4.00 0.00	89.44 -3.34 0.00	78.71 -2.35 0.00	69.39 -2.15 0.00	62.72 -0.51 0.00	56.36 -0.23 0.00
SYNERGY___BIOGAS 323694	35.41 -0.35 -0.38	33.68 -0.24 -0.25	32.16 -0.46 0.00	30.16 -0.46 0.00	29.19 -0.65 -0.13	28.53 -0.64 -0.18	27.16 -0.50 0.00	28.91 -0.77 0.00	32.37 -0.73 0.00	39.11 -0.47 0.00	45.06 -0.73 0.01	49.17 -0.30 0.00	53.74 -0.77 0.23	55.64 -0.73 0.00	56.25 -0.57 0.00	64.42 0.06 0.00	77.44 0.54 0.00	96.03 1.70 0.00	104.87 2.26 0.00	95.19 2.41 0.00	83.73 2.67 0.00	73.75 2.22 0.00	66.07 2.85 0.00	59.13 2.55 0.00
SYRACUSE___ENERGY_ST1 323597	35.49 0.11 0.00	33.77 0.10 0.00	32.81 0.20 0.00	30.77 0.15 0.00	29.93 0.12 -0.10	29.23 0.12 -0.13	27.88 0.22 0.00	29.95 0.27 0.00	33.43 0.33 0.00	40.02 0.44 0.00	46.16 0.37 0.00	50.01 0.54 0.00	55.39 0.66 0.00	57.16 0.79 0.00	57.67 0.85 0.00	65.32 0.97 0.00	78.52 1.61 0.00	96.59 2.26 0.00	104.87 2.26 0.00	95.01 2.23 0.00	83.00 1.95 0.00	73.04 1.50 0.00	64.36 1.14 0.00	57.44 0.85 0.00
SYRACUSE___ENERGY_ST2 323598	35.49 0.11 0.00	33.77 0.10 0.00	32.81 0.20 0.00	30.77 0.15 0.00	29.93 0.12 -0.10	29.23 0.12 -0.13	27.88 0.22 0.00	29.95 0.27 0.00	33.43 0.33 0.00	40.02 0.44 0.00	46.16 0.37 0.00	50.01 0.54 0.00	55.39 0.66 0.00	57.16 0.79 0.00	57.67 0.85 0.00	65.32 0.97 0.00	78.52 1.61 0.00	96.59 2.26 0.00	104.87 2.26 0.00	95.01 2.23 0.00	83.00 1.95 0.00	73.04 1.50 0.00	64.36 1.14 0.00	57.44 0.85 0.00
SYRACUSE___POWER 24017	35.70 0.04 -0.28	33.89 0.03 -0.18	32.72 0.10 0.00	30.71 0.09 0.00	29.84 0.03 -0.10	29.18 0.06 -0.14	27.80 0.14 0.00	29.83 0.15 0.00	33.30 0.20 0.00	39.90 0.32 0.00	45.98 0.18 0.00	49.81 0.35 0.00	55.17 0.44 0.00	56.93 0.56 0.00	57.50 0.68 0.00	65.13 0.77 0.00	78.29 1.38 0.00	96.31 1.98 0.00	104.66 2.05 0.00	94.73 1.95 0.00	82.84 1.78 0.00	72.89 1.36 0.00	64.17 0.95 0.00	57.21 0.62 0.00
TALLMAN_138KV_BK151 55660	40.71 2.90 -2.42	38.02 2.76 -1.59	35.13 2.51 0.00	32.91 2.30 0.00	32.85 2.26 -0.88	32.39 2.20 -1.20	29.93 2.27 0.00	32.18 2.49 0.00	35.91 2.81 0.00	43.02 3.44 0.00	49.37 3.57 0.00	53.23 3.76 0.00	58.73 4.00 0.00	60.60 4.23 0.00	61.42 4.60 0.00	69.31 4.96 0.00	83.90 7.00 0.00	102.72 8.40 0.00	112.11 8.93 -0.58	104.48 7.42 -4.27	94.05 5.92 -7.08	78.78 4.72 -2.52	66.76 3.54 0.00	59.42 2.83 0.00
TEALLAVE_115KV_TB7 355573	35.28 -0.11 0.00	33.61 -0.07 0.00	32.65 0.03 0.00	30.61 0.00 0.00	29.77 -0.03 -0.09	29.07 -0.03 -0.12	27.71 0.06 0.00	29.74 0.06 0.00	33.20 0.10 0.00	39.78 0.20 0.00	45.84 0.05 0.00	49.72 0.25 0.00	55.06 0.33 0.00	56.76 0.39 0.00	57.27 0.45 0.00	64.93 0.58 0.00	78.05 1.15 0.00	95.93 1.60 0.00	104.25 1.64 0.00	94.36 1.58 0.00	82.44 1.38 0.00	72.54 1.00 0.00	63.98 0.76 0.00	57.04 0.45 0.00
TELGRAPH_34_KV_EAST 80808	34.75 -1.03 -0.39	33.09 -0.84 -0.26	31.57 -1.04 0.00	29.60 -1.01 0.00	28.60 -1.25 -0.14	27.99 -1.19 -0.19	26.69 -0.97 0.00	28.41 -1.28 0.00	31.81 -1.29 0.00	38.39 -1.19 0.00	44.32 -1.47 0.01	48.33 -1.14 0.00	52.59 -1.86 0.28	54.51 -1.86 0.00	55.06 -1.76 0.00	63.07 -1.29 0.00	75.52 -1.38 0.00	93.48 -0.85 0.00	101.99 -0.62 0.00	92.50 -0.28 0.00	81.38 0.32 0.00	71.75 0.21 0.00	64.55 1.33 0.00	57.89 1.30 0.00
TEMPLE___115KV_TB 2 55572	35.32 -0.07 0.00	33.64 -0.03 0.00	32.65 0.03 0.00	30.65 0.03 0.00	29.77 -0.03 -0.09	29.10 0.00 -0.12	27.74 0.08 0.00	29.77 0.09 0.00	33.23 0.13 0.00	39.82 0.24 0.00	45.89 0.09 0.00	49.76 0.30 0.00	55.12 0.38 0.00	56.82 0.45 0.00	57.39 0.57 0.00	65.00 0.64 0.00	78.13 1.23 0.00	96.03 1.70 0.00	104.35 1.74 0.00	94.45 1.67 0.00	82.52 1.46 0.00	72.61 1.07 0.00	63.98 0.76 0.00	57.10 0.51 0.00
TIANA____69_KV_BK 1 55817	42.25 4.39 -2.48	39.24 3.94 -1.62	35.88 3.26 0.00	33.62 3.00 0.00	33.52 2.91 -0.90	32.91 2.70 -1.23	30.62 2.96 0.00	33.16 3.47 0.00	37.04 3.94 0.00	44.81 5.22 0.00	54.93 5.82 -3.31	58.87 6.28 -3.12	61.81 7.06 -0.02	63.70 7.22 -0.11	64.80 7.44 -0.54	74.50 8.04 -2.10	92.07 11.15 -4.02	134.43 13.68 -26.42	133.34 14.37 -16.36	109.87 12.53 -4.56	97.20 9.73 -6.41	83.86 8.01 -4.31	71.36 6.32 -1.81	62.42 5.83 0.00

TILDEN___115KV_TB1 80814	35.70 0.04 -0.28	33.89 0.03 -0.18	32.72 0.10 0.00	30.71 0.09 0.00	29.84 0.03 -0.10	29.18 0.06 -0.14	27.80 0.14 0.00	29.83 0.15 0.00	33.30 0.20 0.00	39.90 0.32 0.00	45.98 0.18 0.00	49.81 0.35 0.00	55.17 0.44 0.00	56.93 0.56 0.00	57.50 0.68 0.00	65.13 0.77 0.00	78.29 1.38 0.00	96.31 1.98 0.00	104.66 2.05 0.00	94.73 1.95 0.00	82.84 1.78 0.00	72.89 1.36 0.00	64.17 0.95 0.00	57.21 0.62 0.00
TRIGEN___CC 323695	41.55 3.68 -2.48	38.77 3.47 -1.62	35.59 2.97 0.00	33.34 2.72 0.00	33.26 2.64 -0.90	32.74 2.52 -1.23	30.37 2.71 0.00	32.77 3.09 0.00	36.54 3.44 0.00	44.01 4.43 0.00	53.74 4.63 -3.31	57.46 4.85 -3.14	59.99 5.14 -0.11	62.34 5.24 -0.72	66.52 5.63 -4.08	87.02 6.05 -16.61	116.77 8.31 -31.56	118.06 10.00 -13.74	113.87 10.67 -0.59	107.71 9.19 -5.74	95.63 7.30 -7.28	94.17 6.08 -16.55	85.14 4.93 -16.99	60.74 4.13 -0.02
TRINITY__115KV__4 BK 55933	42.95 1.63 -5.93	39.14 1.58 -3.89	34.12 1.50 0.00	32.05 1.44 0.00	32.13 1.40 -1.03	31.75 1.36 -1.40	28.87 1.22 0.00	30.93 1.25 0.00	34.42 1.32 0.00	41.20 1.62 0.00	47.31 1.51 0.00	50.90 1.43 0.00	56.21 1.48 0.00	57.89 1.52 0.00	58.64 1.82 0.00	66.22 1.87 0.00	79.75 2.85 0.00	97.72 3.40 0.00	109.21 3.59 -3.01	117.96 2.88 -22.30	120.34 2.35 -36.93	86.68 2.00 -13.15	64.62 1.39 0.00	57.55 0.96 0.00
UNION___PROCESSING_DRP 323587	35.32 -0.39 -0.32	33.62 -0.27 -0.21	32.26 -0.36 0.00	30.25 -0.37 0.00	29.41 -0.42 -0.12	28.71 -0.43 -0.16	27.30 -0.36 0.00	29.18 -0.50 0.00	32.67 -0.43 0.00	39.42 -0.16 0.00	45.20 -0.60 0.00	49.22 -0.25 0.00	54.57 -0.16 0.00	56.37 0.00 0.00	56.88 0.06 0.00	64.81 0.45 0.00	77.75 0.85 0.00	95.93 1.60 0.00	104.46 1.85 0.00	94.64 1.86 0.00	83.00 1.95 0.00	73.11 1.57 0.00	65.06 1.83 0.00	58.17 1.58 0.00
UPPER HUDSON___HYD 24058	46.64 2.09 -9.17	41.70 2.02 -6.01	34.48 1.86 0.00	32.30 1.68 0.00	32.49 1.72 -1.06	32.13 1.71 -1.44	29.29 1.63 0.00	31.37 1.69 0.00	35.22 2.12 0.00	42.08 2.50 0.00	47.95 2.15 0.00	51.89 2.42 0.00	57.31 2.57 0.00	58.74 2.37 0.00	59.55 2.73 0.00	67.64 3.28 0.00	82.36 5.46 0.00	101.41 7.08 0.00	116.64 8.62 -5.41	140.36 7.51 -40.07	153.99 6.56 -66.36	100.74 5.58 -23.62	67.53 4.30 0.00	60.04 3.45 0.00
UPPER RAQUET___HYD 24056	35.10 -0.28 0.00	33.30 -0.37 0.00	32.16 -0.46 0.00	30.19 -0.43 0.00	29.22 -0.51 -0.01	28.34 -0.67 -0.02	26.77 -0.89 0.00	28.82 -0.86 0.00	32.14 -0.96 0.00	38.31 -1.27 0.00	44.93 -0.87 0.00	48.28 -1.19 0.00	53.75 -0.98 0.00	55.41 -0.96 0.00	55.52 -1.30 0.00	62.94 -1.42 0.00	73.44 -3.46 0.00	89.80 -4.53 0.00	98.10 -4.51 0.00	89.35 -3.43 0.00	78.63 -2.43 0.00	70.89 -0.65 0.00	62.72 -0.51 0.00	55.97 -0.62 0.00
VALLEY44_115KV_TB2 355964	34.62 -1.27 -0.51	32.93 -1.08 -0.33	31.35 -1.27 0.00	29.36 -1.26 0.00	27.80 -2.08 -0.17	27.31 -1.91 -0.24	26.61 -1.05 0.00	28.29 -1.40 0.00	31.71 -1.39 0.00	38.16 -1.42 0.00	43.37 -2.43 0.00	47.19 -2.28 0.00	51.84 -2.74 0.16	54.00 -2.37 0.00	54.66 -2.16 0.00	62.30 -2.06 0.00	74.75 -2.15 0.00	92.44 -1.89 0.00	100.90 -1.85 -0.14	92.40 -1.39 -1.01	81.92 -0.81 -1.67	71.41 -0.72 -0.59	63.35 0.13 0.00	57.10 0.51 0.00
VALLEY___115KV_TB 1-4 80826	35.92 0.53 0.00	34.14 0.47 0.00	33.07 0.46 0.00	31.04 0.43 0.00	30.16 0.45 0.00	29.42 0.43 0.00	28.04 0.39 0.00	30.10 0.42 0.00	33.60 0.50 0.00	40.21 0.63 0.00	46.44 0.64 0.00	50.16 0.69 0.00	55.61 0.88 0.00	57.21 0.85 0.00	57.73 0.91 0.00	65.45 1.09 0.00	78.52 1.61 0.00	96.40 2.08 0.00	104.97 2.36 0.00	94.91 2.13 0.00	82.92 1.86 0.00	73.11 1.57 0.00	64.36 1.14 0.00	57.44 0.85 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.54 2.12 -2.03	36.99 1.99 -1.33	34.48 1.86 0.00	32.39 1.78 0.00	31.87 1.75 -0.41	31.28 1.74 -0.56	29.32 1.66 0.00	31.49 1.81 0.00	35.22 2.12 0.00	42.23 2.65 0.00	48.59 2.79 0.00	52.54 3.07 0.00	58.24 3.50 0.00	59.98 3.61 0.00	60.57 3.75 0.00	68.73 4.38 0.00	82.82 5.92 0.00	101.50 7.17 0.00	111.29 7.90 -0.78	105.63 7.05 -5.80	96.82 6.16 -9.60	80.03 5.08 -3.42	67.27 4.05 0.00	59.81 3.23 0.00
VISCHER___FERRY HYD 24020	45.30 2.05 -7.86	40.81 1.99 -5.15	34.51 1.89 0.00	32.36 1.74 0.00	32.50 1.75 -1.04	32.11 1.71 -1.42	29.29 1.63 0.00	31.37 1.69 0.00	35.09 1.99 0.00	41.92 2.33 0.00	48.09 2.29 0.00	51.84 2.37 0.00	57.20 2.47 0.00	58.79 2.42 0.00	59.60 2.78 0.00	67.51 3.15 0.00	81.36 4.46 0.00	99.80 5.47 0.00	113.00 5.95 -4.44	130.78 5.10 -32.90	139.77 4.21 -54.49	94.65 3.72 -19.40	66.13 2.91 0.00	58.96 2.38 0.00
V_A_10_SYNC_DSASP 323832	34.55 -1.20 -0.37	32.94 -0.98 -0.24	31.48 -1.14 0.00	29.54 -1.07 0.00	28.71 -1.13 -0.13	28.09 -1.07 -0.18	26.74 -0.91 0.00	28.44 -1.25 0.00	31.84 -1.26 0.00	38.35 -1.23 0.00	43.87 -1.92 0.01	47.84 -1.63 0.00	52.55 -1.97 0.21	54.57 -1.80 0.00	55.06 -1.76 0.00	62.87 -1.48 0.00	75.21 -1.69 0.00	92.72 -1.60 0.00	101.07 -1.54 0.00	91.57 -1.21 0.00	80.41 -0.65 0.00	70.89 -0.64 0.00	63.67 0.44 0.00	57.15 0.57 0.00
V_CMM_10_SYNC_DSASP 323787	34.71 -0.67 0.00	32.96 -0.71 0.00	31.83 -0.78 0.00	29.88 -0.74 0.00	29.00 -0.71 0.00	28.23 -0.75 0.00	26.85 -0.80 0.00	28.88 -0.80 0.00	32.21 -0.89 0.00	38.47 -1.11 0.00	44.98 -0.82 0.00	48.43 -1.04 0.00	53.75 -0.98 0.00	55.46 -0.90 0.00	55.62 -1.20 0.00	62.94 -1.42 0.00	74.29 -2.61 0.00	90.84 -3.49 0.00	98.81 -3.79 0.00	89.63 -3.15 0.00	78.63 -2.43 0.00	69.89 -1.64 0.00	62.02 -1.20 0.00	55.57 -1.02 0.00
V_CMP_10_SYNC_DSASP 323788	34.43 -0.95 0.00	32.59 -1.08 0.00	31.31 -1.31 0.00	29.33 -1.28 0.00	28.46 -1.25 0.00	27.71 -1.27 0.00	26.30 -1.35 0.00	28.38 -1.31 0.00	31.74 -1.36 0.00	37.96 -1.62 0.00	44.52 -1.28 0.00	47.74 -1.73 0.00	52.98 -1.75 0.00	54.34 -2.03 0.00	54.21 -2.61 0.00	61.52 -2.83 0.00	72.98 -3.92 0.00	89.33 -5.00 0.00	97.38 -5.23 0.00	88.61 -4.17 0.00	77.98 -3.08 0.00	69.10 -2.43 0.00	61.20 -2.03 0.00	54.72 -1.87 0.00
V_D_10_SYNC_DSASP 323841	34.96 -0.42 0.00	33.20 -0.47 0.00	32.09 -0.52 0.00	30.12 -0.49 0.00	29.20 -0.51 0.00	28.41 -0.58 0.00	26.97 -0.69 0.00	29.00 -0.68 0.00	32.37 -0.73 0.00	38.63 -0.95 0.00	45.25 -0.55 0.00	48.67 -0.79 0.00	54.08 -0.65 0.00	55.81 -0.56 0.00	55.91 -0.91 0.00	63.32 -1.03 0.00	73.98 -2.92 0.00	90.37 -3.96 0.00	98.40 -4.21 0.00	89.35 -3.43 0.00	78.55 -2.51 0.00	70.53 -1.00 0.00	62.59 -0.63 0.00	56.02 -0.57 0.00
V_E_10_SYNC_DSASP 323830	38.62 2.12 -1.11	36.39 1.99 -0.73	34.51 1.89 0.00	32.48 1.87 0.00	31.93 1.93 -0.29	31.30 1.91 -0.40	29.37 1.72 0.00	31.49 1.81 0.00	35.15 2.05 0.00	42.08 2.50 0.00	48.32 2.52 0.00	52.49 3.02 0.00	58.36 3.56 -0.07	59.86 3.50 0.00	60.57 3.75 0.00	69.44 5.08 0.00	84.52 7.61 0.00	104.98 10.66 0.00	115.60 12.62 -0.37	107.67 12.15 -2.74	96.62 11.02 -4.54	82.16 9.01 -1.61	70.24 7.02 0.00	62.47 5.88 0.00

V_F_30_NSYNC___DSASP 323816	46.69 2.30 -9.01	41.80 2.22 -5.90	34.71 2.09 0.00	32.51 1.90 0.00	32.67 1.90 -1.05	32.30 1.88 -1.44	29.45 1.80 0.00	31.55 1.87 0.00	35.32 2.22 0.00	42.19 2.61 0.00	48.41 2.61 0.00	52.29 2.82 0.00	57.74 3.01 0.00	59.30 2.93 0.00	60.11 3.29 0.00	68.22 3.86 0.00	82.44 5.54 0.00	101.31 6.98 0.00	115.91 8.01 -5.29	138.92 6.96 -39.18	152.03 6.08 -64.89	99.85 5.22 -23.10	67.40 4.17 0.00	60.04 3.45 0.00
V_F_30_SYNC_DSASP 323786	43.82 1.73 -6.70	39.74 1.68 -4.39	34.22 1.60 0.00	32.12 1.50 0.00	32.20 1.46 -1.04	31.85 1.45 -1.41	28.96 1.30 0.00	30.99 1.31 0.00	34.52 1.42 0.00	41.36 1.78 0.00	47.49 1.69 0.00	51.15 1.68 0.00	56.48 1.75 0.00	58.23 1.86 0.00	58.92 2.10 0.00	66.61 2.25 0.00	80.21 3.31 0.00	98.29 3.96 0.00	110.39 4.21 -3.58	122.81 3.53 -26.50	127.80 2.84 -43.90	89.59 2.43 -15.63	64.99 1.77 0.00	57.83 1.24 0.00
V_XM_10_SYNC_DSASP 323789	34.43 -0.95 0.00	32.59 -1.08 0.00	31.31 -1.31 0.00	29.33 -1.28 0.00	28.46 -1.25 0.00	27.71 -1.27 0.00	26.30 -1.35 0.00	28.38 -1.31 0.00	31.74 -1.36 0.00	37.96 -1.62 0.00	44.52 -1.28 0.00	47.74 -1.73 0.00	52.98 -1.75 0.00	54.34 -2.03 0.00	54.21 -2.61 0.00	61.52 -2.83 0.00	72.98 -3.92 0.00	89.33 -5.00 0.00	97.38 -5.23 0.00	88.61 -4.17 0.00	77.98 -3.08 0.00	69.10 -2.43 0.00	61.20 -2.03 0.00	54.72 -1.87 0.00
W.BABYLN_69_KV_BK1 56697	42.36 4.49 -2.48	39.44 4.14 -1.62	36.14 3.52 0.00	33.83 3.21 0.00	33.73 3.12 -0.90	33.14 2.93 -1.23	30.81 3.15 0.00	33.30 3.62 0.00	37.17 4.07 0.00	44.81 5.22 -3.31	54.79 5.68 -3.12	58.62 6.04 -0.04	61.28 6.51 -0.22	63.24 6.65 -1.18	64.76 6.76 -4.77	76.34 7.21 -9.07	95.81 9.84 -3.95	110.07 11.79 -0.59	115.72 12.52 -0.59	108.50 10.95 -4.77	96.21 8.59 -6.56	85.41 7.30 -6.58	74.07 6.01 -4.84	61.91 5.32 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.83 3.01 -2.43	38.13 2.86 -1.60	35.23 2.61 0.00	33.00 2.39 0.00	32.91 2.32 -0.89	32.48 2.29 -1.21	30.01 2.35 0.00	32.24 2.55 0.00	35.98 2.88 0.00	43.10 3.52 0.00	49.51 3.71 0.00	53.38 3.91 0.00	58.89 4.16 0.00	60.77 4.40 0.00	61.59 4.77 0.00	69.57 5.21 0.00	84.21 7.31 0.00	103.10 8.77 0.00	112.53 9.34 -0.58	104.96 7.89 -4.29	94.49 6.32 -7.11	79.07 5.01 -2.53	67.02 3.79 0.00	59.64 3.06 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.16 3.29 -2.48	38.39 3.10 -1.62	35.46 2.84 0.00	33.25 2.63 0.00	33.17 2.56 -0.90	32.71 2.49 -1.23	30.28 2.63 0.00	32.59 2.91 0.00	36.34 3.24 0.00	43.66 4.08 0.00	50.20 4.40 0.00	54.12 4.65 0.00	59.66 4.93 0.00	61.39 5.02 0.00	62.22 5.40 0.00	69.95 5.60 0.00	84.82 7.92 0.00	103.67 9.34 0.00	113.26 10.06 -0.59	105.70 8.54 -4.38	95.13 6.81 -7.26	79.56 5.44 -2.58	67.40 4.17 0.00	60.10 3.51 0.00
W50THST__13_KV_LOAD 356117	41.37 3.50 -2.48	38.60 3.30 -1.62	35.65 3.03 0.00	33.40 2.79 0.00	33.31 2.70 -0.90	32.88 2.67 -1.23	30.45 2.79 0.00	32.77 3.09 0.00	36.57 3.48 0.00	43.93 4.35 0.00	50.56 4.76 0.00	54.46 5.00 0.00	60.04 5.31 0.00	61.78 5.41 0.00	62.67 5.85 0.00	70.40 6.05 0.00	85.36 8.46 0.00	104.33 10.00 0.00	113.97 10.77 -0.59	106.35 9.19 -4.38	95.69 7.38 -7.26	79.98 5.87 -2.58	67.84 4.62 0.00	60.49 3.90 0.00
WADING RIVER_IC_1 23522	41.59 3.71 -2.49	38.63 3.33 -1.62	35.36 2.74 0.00	33.13 2.51 0.00	33.13 2.52 -0.90	32.50 2.29 -1.23	30.17 2.52 0.00	32.65 2.97 0.00	36.51 3.41 0.00	43.90 4.31 -0.01	53.60 4.49 -3.31	57.53 4.95 -3.12	60.17 5.42 -0.02	61.56 5.08 -0.11	62.86 5.51 -0.53	72.49 6.05 -2.09	89.51 8.61 -4.00	130.39 10.47 -25.60	129.54 11.09 -15.84	106.90 9.56 -4.56	94.86 7.38 -6.43	81.85 6.01 -4.30	69.33 4.30 -1.81	61.51 4.92 0.00
WADING RIVER_IC_2 23547	41.59 3.71 -2.49	38.63 3.33 -1.62	35.36 2.74 0.00	33.13 2.51 0.00	33.13 2.52 -0.90	32.50 2.29 -1.23	30.17 2.52 0.00	32.65 2.97 0.00	36.51 3.41 0.00	43.90 4.31 -0.01	53.60 4.49 -3.31	57.53 4.95 -3.12	60.17 5.42 -0.02	61.56 5.08 -0.11	62.86 5.51 -0.53	72.49 6.05 -2.09	89.51 8.61 -4.00	130.39 10.47 -25.60	129.54 11.09 -15.84	106.90 9.56 -4.56	94.86 7.38 -6.43	81.85 6.01 -4.30	69.33 4.30 -1.81	61.51 4.92 0.00
WADING RIVER_IC_3 23601	41.59 3.71 -2.49	38.63 3.33 -1.62	35.36 2.74 0.00	33.13 2.51 0.00	33.13 2.52 -0.90	32.50 2.29 -1.23	30.17 2.52 0.00	32.65 2.97 0.00	36.51 3.41 0.00	43.90 4.31 -0.01	53.60 4.49 -3.31	57.53 4.95 -3.12	60.17 5.42 -0.02	61.56 5.08 -0.11	62.86 5.51 -0.53	72.49 6.05 -2.09	89.51 8.61 -4.00	130.39 10.47 -25.60	129.54 11.09 -15.84	106.90 9.56 -4.56	94.86 7.38 -6.43	81.85 6.01 -4.30	69.33 4.30 -1.81	61.51 4.92 0.00
WALDENNY_12_KV_BK2 80841	34.59 -1.24 -0.45	32.89 -1.08 -0.29	31.35 -1.27 0.00	29.36 -1.26 0.00	28.23 -1.63 -0.16	27.69 -1.51 -0.21	26.55 -1.11 0.00	28.20 -1.48 0.00	31.61 -1.49 0.00	38.12 -1.46 0.00	43.68 -2.11 0.01	47.64 -1.83 0.00	51.98 -2.35 0.40	54.28 -2.09 0.00	54.89 -1.93 0.00	63.00 -1.35 0.00	75.44 -1.46 0.00	93.29 -1.04 0.00	101.69 -0.92 0.00	92.32 -0.46 0.00	81.14 0.08 0.00	71.54 0.00 0.00	64.43 1.20 0.00	57.78 1.19 0.00
WALDEN__HYDRO 24148	40.61 2.76 -2.46	37.91 2.63 -1.61	35.03 2.41 0.00	32.79 2.17 0.00	32.70 2.11 -0.89	32.25 2.06 -1.21	29.79 2.13 0.00	31.97 2.29 0.00	35.68 2.58 0.00	42.75 3.17 0.00	49.10 3.30 0.00	52.98 3.51 0.00	58.51 3.78 0.00	60.37 4.00 0.00	61.25 4.43 0.00	69.31 4.96 0.00	83.82 6.92 0.00	102.82 8.49 0.00	112.34 9.13 -0.60	105.01 7.79 -4.44	94.74 6.32 -7.35	79.09 4.94 -2.62	67.02 3.79 0.00	59.53 2.94 0.00
WARRENSBURG____ 23737	46.64 2.09 -9.17	41.70 2.02 -6.01	34.48 1.86 0.00	32.30 1.68 0.00	32.46 1.69 -1.06	32.08 1.65 -1.44	29.29 1.63 0.00	31.38 1.69 0.00	35.12 2.02 0.00	42.07 2.49 0.00	48.00 2.20 0.00	51.89 2.42 0.00	57.36 2.63 0.00	58.91 2.54 0.00	59.66 2.84 0.00	67.64 3.28 0.00	82.36 5.46 0.00	101.40 7.07 0.00	116.64 8.62 -5.41	140.36 7.52 -40.07	153.99 6.57 -66.36	100.74 5.58 -23.62	67.46 4.24 0.00	59.81 3.23 0.00
WATERSIDE____6 8 9 23538	41.23 3.36 -2.48	38.49 3.20 -1.62	35.56 2.94 -0.01	33.35 2.72 -0.01	33.22 2.61 -0.90	32.79 2.58 -1.23	30.37 2.71 -0.01	32.66 2.97 -0.01	36.42 3.31 -0.01	43.74 4.16 -0.01	50.29 4.49 0.00	54.17 4.70 0.00	59.60 4.87 0.01	61.27 4.90 0.00	61.93 5.11 0.00	69.50 5.15 0.00	88.65 7.31 -4.45	112.88 8.77 -9.78	98.33 9.34 13.62	86.56 7.89 14.11	81.09 6.32 6.29	72.82 4.94 3.65	66.95 3.73 0.00	59.87 3.28 0.00
WATKINRD_115KV_LN8_ILLION 55919	35.81 0.42 0.00	34.08 0.40 0.00	33.01 0.39 0.00	30.98 0.37 0.00	30.10 0.39 0.00	29.36 0.38 0.00	27.99 0.33 0.00	30.04 0.36 0.00	33.50 0.40 0.00	40.09 0.51 0.00	46.30 0.50 0.00	50.01 0.54 0.00	55.39 0.66 0.00	57.05 0.68 0.00	57.56 0.74 0.00	65.19 0.84 0.00	78.21 1.31 0.00	96.03 1.70 0.00	104.56 1.95 0.00	94.54 1.76 0.00	82.60 1.54 0.00	72.75 1.22 0.00	64.11 0.89 0.00	57.21 0.62 0.00

WDELAWARE___HYD 323627	40.51 2.66 -2.47	37.78 2.49 -1.62	34.84 2.22 0.00	32.58 1.96 0.00	32.56 1.99 -0.86	32.07 1.91 -1.17	29.56 1.91 0.00	31.73 2.05 0.00	35.51 2.41 0.00	42.47 2.89 0.00	48.77 2.98 0.00	52.78 3.31 0.00	58.29 3.56 0.00	60.03 3.66 0.00	60.97 4.15 0.00	69.44 5.08 0.00	84.13 7.23 0.00	103.38 9.06 0.00	113.11 9.85 -0.65	106.10 8.53 -4.79	95.96 6.97 -7.93	79.79 5.43 -2.82	67.46 4.24 0.00	60.10 3.51 0.00
WEST BABYLON___IC 23714	42.36 4.49 -2.48	39.44 4.14 -1.62	36.14 3.52 0.00	33.83 3.21 0.00	33.73 3.12 -0.90	33.14 2.93 -1.23	30.81 3.15 0.00	33.30 3.62 0.00	37.17 4.07 0.00	44.81 5.22 0.00	54.79 5.68 -3.31	58.62 6.04 -3.12	61.28 6.51 -0.04	63.24 6.65 -0.22	64.76 6.76 -1.18	76.34 7.21 -4.77	95.81 9.84 -9.07	110.07 11.79 -3.95	115.72 12.52 -0.59	108.50 10.95 -4.77	96.21 8.59 -6.56	85.41 7.30 -6.58	74.07 6.01 -4.84	61.91 5.32 -0.01
WEST CANADA___HYD 24049	35.71 0.32 0.00	33.97 0.30 0.00	32.94 0.33 0.00	30.92 0.31 0.00	30.01 0.30 0.00	29.28 0.29 0.00	27.93 0.28 0.00	29.98 0.30 0.00	33.43 0.33 0.00	39.98 0.40 0.00	46.16 0.36 0.00	49.86 0.39 0.00	55.12 0.39 0.00	56.77 0.40 0.00	57.27 0.45 0.00	64.93 0.58 0.00	77.83 0.93 0.00	95.46 1.14 0.00	103.84 1.24 0.00	93.80 1.02 0.00	81.95 0.89 0.00	72.25 0.72 0.00	63.79 0.57 0.00	57.04 0.45 0.00
WESTERN_NY_WIND 24143	35.35 -0.42 -0.38	33.62 -0.30 -0.25	32.13 -0.49 0.00	30.13 -0.49 0.00	29.13 -0.71 -0.14	28.47 -0.70 -0.18	27.13 -0.53 0.00	28.85 -0.83 0.00	32.30 -0.79 0.00	39.03 -0.55 0.00	44.97 -0.82 0.01	49.07 -0.40 0.00	53.61 -0.88 0.25	55.52 -0.85 0.00	56.14 -0.68 0.00	64.29 -0.06 0.00	77.21 0.31 0.00	95.74 1.41 0.00	104.66 2.05 0.00	95.01 2.23 0.00	83.57 2.51 0.00	73.61 2.07 0.00	65.94 2.72 0.00	59.08 2.49 0.00
WESTOVER___LESR 323668	36.77 0.46 -0.93	34.78 0.51 -0.61	33.04 0.42 0.00	31.01 0.40 0.00	30.25 0.24 -0.30	29.65 0.26 -0.41	28.10 0.44 0.00	30.10 0.42 0.00	33.63 0.53 0.00	40.29 0.71 0.00	46.21 0.41 0.00	50.11 0.64 0.00	55.39 0.66 0.00	57.21 0.85 0.00	57.84 1.02 0.00	65.58 1.22 0.00	78.90 2.00 0.00	97.06 2.74 0.00	105.84 2.98 -0.26	97.46 2.78 -1.90	86.80 2.59 -3.14	74.73 2.07 -1.12	64.99 1.77 0.00	57.95 1.36 0.00
WETHRSFD_WT_PWR 323626	34.10 -1.80 -0.52	32.40 -1.62 -0.34	30.89 -1.73 0.00	28.96 -1.65 0.00	28.05 -1.84 -0.18	27.61 -1.62 -0.24	26.25 -1.41 0.00	27.81 -1.87 0.00	31.01 -2.08 0.00	37.28 -2.30 0.00	42.63 -3.12 0.05	46.45 -3.02 0.00	49.37 -3.67 1.70	52.65 -3.72 0.00	53.75 -3.07 0.00	61.59 -2.77 0.00	73.90 -3.00 0.00	91.40 -2.92 0.00	100.28 -2.46 -0.14	92.42 -1.39 -1.03	82.12 -0.65 -1.71	71.57 -0.57 -0.61	63.10 -0.13 0.00	57.04 0.45 0.00
WHAVSTOR_138KV_BK127 55557	40.66 2.83 -2.44	38.00 2.73 -1.60	35.10 2.48 0.00	32.88 2.27 0.00	32.82 2.23 -0.89	32.37 2.17 -1.21	29.93 2.27 0.00	32.15 2.46 0.00	35.88 2.78 0.00	42.98 3.40 0.00	49.32 3.53 0.00	53.18 3.71 0.00	58.67 3.94 0.00	60.48 4.11 0.00	61.25 4.43 0.00	69.12 4.76 0.00	83.67 6.77 0.00	102.44 8.11 0.00	111.81 8.62 -0.58	104.32 7.24 -4.30	93.93 5.76 -7.12	78.65 4.58 -2.53	66.64 3.41 0.00	59.30 2.72 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.66 2.83 -2.44	38.00 2.73 -1.60	35.10 2.48 0.00	32.88 2.27 0.00	32.82 2.23 -0.89	32.37 2.17 -1.21	29.93 2.27 0.00	32.15 2.46 0.00	35.88 2.78 0.00	42.98 3.40 0.00	49.32 3.53 0.00	53.18 3.71 0.00	58.67 3.94 0.00	60.48 4.11 0.00	61.25 4.43 0.00	69.12 4.76 0.00	83.67 6.77 0.00	102.44 8.11 0.00	111.81 8.62 -0.58	104.32 7.24 -4.30	93.93 5.76 -7.12	78.65 4.58 -2.53	66.64 3.41 0.00	59.30 2.72 0.00
WHITEHAL_115KV_TB1 80871	47.14 2.65 -9.10	42.16 2.53 -5.97	34.90 2.28 0.00	32.70 2.08 0.00	32.87 2.11 -1.05	32.51 2.09 -1.44	29.68 2.02 0.00	31.76 2.08 0.00	35.58 2.48 0.00	42.63 3.05 0.00	48.68 2.89 0.00	52.68 3.22 0.00	58.29 3.56 0.00	59.86 3.49 0.00	60.68 3.86 0.00	68.92 4.57 0.00	84.05 7.15 0.00	103.67 9.34 0.00	119.26 11.29 -5.36	142.50 10.02 -39.70	155.73 8.92 -65.75	102.45 7.51 -23.40	68.98 5.75 0.00	61.00 4.41 0.00
WHITEPLN_13_KV_LOAD 356215	41.26 3.40 -2.48	38.53 3.23 -1.62	35.55 2.94 0.00	33.31 2.69 0.00	33.25 2.64 -0.90	32.85 2.64 -1.23	30.37 2.71 0.00	32.65 2.97 0.00	36.44 3.34 0.00	43.82 4.24 0.00	50.38 4.58 0.00	54.32 4.85 0.00	59.88 5.14 0.00	61.78 5.41 0.00	62.56 5.74 0.00	70.60 6.24 0.00	85.59 8.69 0.00	105.27 10.94 0.00	114.69 11.49 -0.59	106.90 9.74 -4.38	96.09 7.78 -7.25	80.34 6.22 -2.58	68.03 4.81 0.00	60.44 3.85 0.00
WM_FLOYD_69_KV_BK2 356380	41.94 4.07 -2.48	39.00 3.70 -1.62	35.68 3.07 0.00	33.43 2.82 0.00	33.37 2.76 -0.90	32.77 2.55 -1.23	30.48 2.82 0.00	32.95 3.27 0.00	36.71 3.61 0.00	44.25 4.67 0.00	54.24 5.13 -3.31	57.98 5.39 -3.12	60.72 5.97 -0.02	62.46 5.98 -0.11	63.51 6.14 -0.55	72.93 6.44 -2.14	90.07 9.07 -4.09	135.12 11.13 -29.67	132.83 11.80 -18.42	107.64 10.30 -4.56	95.53 8.11 -6.36	82.46 6.58 -4.34	70.18 5.12 -1.83	61.40 4.81 0.00
WOODARD___115KV_TB2 355635	35.25 -0.14 0.00	33.54 -0.13 0.00	32.58 -0.03 0.00	30.58 -0.03 0.00	29.71 -0.09 -0.09	29.05 -0.06 -0.12	27.69 0.03 0.00	29.71 0.03 0.00	33.17 0.07 0.00	39.70 0.12 0.00	45.75 -0.05 0.00	49.62 0.15 0.00	54.95 0.22 0.00	56.65 0.28 0.00	57.16 0.34 0.00	64.74 0.39 0.00	77.82 0.92 0.00	95.65 1.32 0.00	103.94 1.33 0.00	94.08 1.30 0.00	82.19 1.13 0.00	72.39 0.86 0.00	63.79 0.57 0.00	56.93 0.34 0.00
WOODMERE_69_KV_BK1 55827	42.11 4.25 -2.48	39.24 3.94 -1.62	36.04 3.42 0.00	33.74 3.12 0.00	33.64 3.03 -0.90	33.08 2.87 -1.23	30.70 3.04 0.00	33.16 3.47 0.00	37.00 3.91 0.00	44.61 5.03 0.00	54.52 5.40 -3.31	58.38 5.74 -3.17	61.15 6.18 -0.24	64.42 6.43 -1.62	73.24 6.93 -9.49	110.67 7.59 -38.72	160.67 10.23 -73.54	138.69 12.36 -32.00	116.44 13.24 -0.59	111.84 11.50 -7.56	97.70 9.32 -7.32	114.48 7.80 -35.14	107.90 6.45 -38.22	62.02 5.38 -0.05
YORK___WARBASSE 23770	41.48 3.61 -2.49	38.74 3.43 -1.63	35.76 3.13 -0.01	33.53 2.91 -0.01	33.44 2.82 -0.91	32.98 2.75 -1.24	30.57 2.90 -0.01	32.87 3.18 -0.01	36.65 3.54 -0.01	44.02 4.43 -0.01	50.62 4.81 -0.01	54.47 5.00 -0.01	59.99 5.20 -0.06	61.68 5.30 -0.01	62.40 5.57 -0.01	69.90 5.53 -0.01	104.72 7.77 -20.06	147.75 9.34 -44.09	113.16 9.95 -0.60	105.61 8.44 -4.39	99.08 6.81 -11.21	79.49 5.37 -2.59	67.40 4.17 -0.01	60.33 3.73 -0.01