

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/12/2026

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	57.31	55.21	51.89	50.72	49.52	48.46	50.68	53.28	56.03	58.86	64.92	70.44	83.46	93.94	102.32	125.94	148.95	166.06	151.47	125.23	95.34	72.47	62.45	54.40
24138	2.62	2.43	2.04	1.81	1.72	2.00	2.41	3.02	3.42	4.00	4.70	4.85	6.82	9.31	9.97	13.38	14.88	15.75	15.56	11.73	8.11	4.74	4.30	3.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-1.01	-15.98	-25.28	-2.96	-2.89	0.00	0.00	0.00	0.00
74TH STREET_GT_1	57.31	55.21	51.89	50.72	49.57	48.46	50.63	53.18	55.92	58.70	64.80	70.24	83.23	93.60	102.02	125.36	148.21	165.64	151.07	125.01	95.17	72.40	62.45	54.40
24260	2.62	2.43	2.04	1.81	1.77	2.00	2.37	2.92	3.31	3.84	4.58	4.66	6.59	8.97	9.70	12.83	14.17	15.38	15.16	11.50	7.94	4.67	4.30	3.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-1.00	-15.95	-25.23	-2.96	-2.89	0.00	0.00	0.00	0.00
74TH STREET_GT_2	57.31	55.21	51.89	50.72	49.57	48.46	50.63	53.18	55.92	58.70	64.80	70.24	83.23	93.60	102.02	125.36	148.21	165.64	151.07	125.01	95.17	72.40	62.45	54.40
24261	2.62	2.43	2.04	1.81	1.77	2.00	2.37	2.92	3.31	3.84	4.58	4.66	6.59	8.97	9.70	12.83	14.17	15.38	15.16	11.50	7.94	4.67	4.30	3.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-1.00	-15.95	-25.23	-2.96	-2.89	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	63.84	62.96	57.78	55.97	50.30	48.88	50.83	52.63	54.61	56.67	62.39	68.47	80.16	89.54	98.34	124.36	143.00	151.71	156.14	131.82	99.56	72.40	62.70	53.84
24011	2.73	2.90	2.74	2.54	2.44	2.42	2.56	2.36	2.00	1.81	2.17	2.89	3.53	4.91	6.00	7.92	8.27	8.88	9.17	7.52	6.54	4.67	3.95	2.95
	-6.41	-7.27	-5.19	-4.51	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.91	-16.64	-17.80	-14.02	-13.68	-5.79	0.00	-0.61	0.00
ADK RESOURCE___RCVRY	64.22	63.33	58.13	56.26	50.59	49.20	51.12	52.93	54.92	56.94	62.70	68.73	80.54	90.05	98.79	125.03	143.83	152.59	156.60	132.15	100.18	72.94	63.05	54.24
23798	3.12	3.27	3.09	2.84	2.72	2.74	2.85	2.66	2.31	2.08	2.47	3.15	3.91	5.42	6.46	8.59	9.09	9.76	10.10	8.30	7.15	5.22	4.30	3.36
	-6.41	-7.27	-5.19	-4.51	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.91	-16.64	-17.80	-13.55	-13.23	-5.79	0.00	-0.61	0.00
ADK S GLENS___FALLS	63.84	62.96	57.78	55.97	50.30	48.88	50.83	52.63	54.61	56.67	62.39	68.47	80.16	89.54	98.34	124.36	143.00	151.71	156.14	131.82	99.56	72.40	62.70	53.84
24028	2.73	2.90	2.74	2.54	2.44	2.42	2.56	2.36	2.00	1.81	2.17	2.89	3.53	4.91	6.00	7.92	8.27	8.88	9.17	7.52	6.54	4.67	3.95	2.95
	-6.41	-7.27	-5.19	-4.51	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.91	-16.64	-17.80	-14.02	-13.68	-5.79	0.00	-0.61	0.00
ADK_NYS___DAM	67.19	66.58	60.23	58.18	50.00	48.23	50.10	51.92	54.24	56.50	61.97	67.55	78.86	87.76	96.49	123.65	147.91	156.92	159.89	136.74	101.04	70.70	61.88	53.43
23527	2.52	2.48	2.29	2.25	2.10	1.77	1.83	1.66	1.63	1.64	1.75	1.97	2.22	3.13	4.16	5.02	5.78	6.25	6.51	6.19	4.79	2.98	2.79	2.54
	-9.98	-11.31	-8.08	-7.02	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.09	-24.03	-25.64	-20.42	-19.94	-9.02	0.00	-0.94	0.00
AIR_PRODUCTS___DRP	45.30	42.23	42.39	42.39	48.04	46.79	48.51	50.27	52.34	54.58	60.10	65.52	76.79	85.56	93.81	102.39	83.01	87.36	103.47	81.59	79.92	68.34	57.91	51.55
24190	0.44	0.58	0.50	0.39	0.33	0.33	0.24	0.00	-0.26	-0.27	-0.12	-0.07	0.15	0.93	1.48	1.90	2.36	2.63	2.53	2.21	1.57	0.61	0.70	0.66
	9.83	11.13	7.96	6.91	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.04	37.44	40.30	32.00	31.24	8.88	0.00	0.93	0.00
AKWESSNE_115KV_BK	54.30	52.41	49.65	48.96	47.90	46.60	48.37	50.07	52.24	54.31	59.44	64.60	75.41	82.43	89.47	107.86	113.96	120.90	129.09	107.63	85.13	66.78	57.10	50.33
355683	-0.38	-0.37	-0.20	0.05	0.10	0.14	0.10	-0.20	-0.37	-0.55	-0.78	-0.98	-1.23	-2.20	-2.86	-3.68	-4.13	-4.13	-3.86	-2.99	-2.09	-0.95	-1.05	-0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.39	43.26	43.44	43.44	49.09	47.72	49.52	51.17	52.35	54.36	59.68	65.06	76.26	84.88	93.07	102.50	84.39	89.26	105.77	83.93	80.61	68.95	58.25	52.82
323833	1.64	1.74	1.64	1.52	1.39	1.25	1.25	0.91	-0.26	-0.49	-0.54	-0.53	-0.38	0.25	0.74	1.56	2.24	2.88	3.33	3.09	2.36	1.22	1.05	1.93
	9.94	11.26	8.05	6.99	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.60	35.93	38.65	30.51	29.78	8.98	0.00	0.94	0.00
ALBANY_2_SOLAR	46.35	43.28	43.46	43.45	49.04	47.72	49.52	51.17	52.29	54.36	59.68	65.06	76.26	84.88	93.07	102.52	84.46	89.33	105.82	83.88	80.62	68.88	58.25	52.77
323834	1.59	1.74	1.64	1.52	1.34	1.25	1.25	0.91	-0.31	-0.49	-0.54	-0.53	-0.38	0.25	0.74	1.56	2.24	2.88	3.33	2.99	2.36	1.15	1.05	1.88
	9.92	11.24	8.03	6.97	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.58	35.87	38.58	30.45	29.73	8.96	0.00	0.94	0.00
ALBANY___1	45.30	42.23	42.39	42.39	48.04	46.79	48.51	50.27	52.34	54.58	60.10	65.52	76.79	85.56	93.81	102.39	83.01	87.36	103.47	81.59	79.92	68.34	57.91	51.55
23571	0.44	0.58	0.50	0.39	0.33	0.33	0.24	0.00	-0.26	-0.27	-0.12	-0.07	0.15	0.93	1.48	1.90	2.36	2.63	2.53	2.21	1.57	0.61	0.70	0.66
	9.83	11.13	7.96	6.91	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.04	37.44	40.30	32.00	31.24	8.88	0.00	0.93	0.00

ALBANY___2 23572	45.30 0.44 9.83	42.23 0.58 11.13	42.39 0.50 7.96	42.39 0.39 6.91	48.04 0.33 0.10	46.79 0.33 0.00	48.51 0.24 0.00	50.27 0.00 0.00	52.34 -0.26 0.00	54.58 -0.27 0.00	60.10 -0.12 0.00	65.52 -0.07 0.00	76.79 0.15 0.00	85.56 0.93 0.00	93.81 1.48 0.00	102.39 1.90 11.04	83.01 2.36 37.44	87.36 2.63 40.30	103.47 2.53 32.00	81.59 2.21 31.24	79.92 1.57 8.88	68.34 0.61 0.00	57.91 0.70 0.93	51.55 0.66 0.00
ALBANY___3 23573	45.30 0.44 9.83	42.23 0.58 11.13	42.39 0.50 7.96	42.39 0.39 6.91	48.04 0.33 0.10	46.79 0.33 0.00	48.51 0.24 0.00	50.27 0.00 0.00	52.34 -0.26 0.00	54.58 -0.27 0.00	60.10 -0.12 0.00	65.52 -0.07 0.00	76.79 0.15 0.00	85.56 0.93 0.00	93.81 1.48 0.00	102.39 1.90 11.04	83.01 2.36 37.44	87.36 2.63 40.30	103.47 2.53 32.00	81.59 2.21 31.24	79.92 1.57 8.88	68.34 0.61 0.00	57.91 0.70 0.93	51.55 0.66 0.00
ALBANY___4 23574	45.30 0.44 9.83	42.23 0.58 11.13	42.39 0.50 7.96	42.39 0.39 6.91	48.04 0.33 0.10	46.79 0.33 0.00	48.51 0.24 0.00	50.27 0.00 0.00	52.34 -0.26 0.00	54.58 -0.27 0.00	60.10 -0.12 0.00	65.52 -0.07 0.00	76.79 0.15 0.00	85.56 0.93 0.00	93.81 1.48 0.00	102.39 1.90 11.04	83.01 2.36 37.44	87.36 2.63 40.30	103.47 2.53 32.00	81.59 2.21 31.24	79.92 1.57 8.88	68.34 0.61 0.00	57.91 0.70 0.93	51.55 0.66 0.00
ALBANY___LFGE 323615	58.52 1.09 -2.74	57.10 1.21 -3.11	53.16 1.10 -2.22	51.82 0.98 -1.93	48.69 0.86 -0.03	47.30 0.84 0.00	49.04 0.77 0.00	50.92 0.65 0.00	52.87 0.26 0.00	55.13 0.28 0.00	60.70 0.48 0.00	66.24 0.66 0.00	77.63 0.99 0.00	86.49 1.86 0.00	94.83 2.49 0.00	115.43 3.24 -0.65	124.08 3.78 -2.22	131.46 4.12 -2.31	140.20 4.52 -2.73	117.15 3.87 -2.66	92.49 2.79 -2.48	69.35 1.62 0.00	59.74 1.34 -0.26	52.21 1.32 0.00
ALCOA_PA_115KV_PL-6C 55860	54.63 -0.05 0.00	52.78 0.00 0.00	49.85 0.00 0.00	49.06 0.15 0.00	47.99 0.19 0.00	46.74 0.28 0.00	48.41 0.15 0.00	50.32 0.05 0.00	52.55 -0.05 0.00	54.59 -0.27 0.00	59.74 -0.48 0.00	64.86 -0.72 0.00	75.72 -0.92 0.00	82.60 -2.03 0.00	89.85 -2.49 0.00	108.08 -3.46 0.00	114.20 -3.89 0.00	121.15 -3.88 0.00	129.49 -3.46 0.00	108.08 -2.54 0.00	85.48 -1.74 0.00	67.05 -0.68 0.00	57.39 -0.76 0.00	50.48 -0.41 0.00
ALCOA_RYNLDS___DRP 24188	54.63 -0.05 0.00	52.78 0.00 0.00	49.85 0.00 0.00	49.06 0.15 0.00	48.04 0.24 0.00	46.74 0.28 0.00	48.51 0.24 0.00	50.32 0.05 0.00	52.55 -0.05 0.00	54.58 -0.27 0.00	59.74 -0.48 0.00	64.86 -0.72 0.00	75.72 -0.92 0.00	82.60 -2.03 0.00	89.66 -2.68 0.00	108.08 -3.46 0.00	114.19 -3.90 0.00	121.15 -3.88 0.00	129.49 -3.46 0.00	108.07 -2.54 0.00	85.48 -1.74 0.00	67.05 -0.68 0.00	57.45 -0.70 0.00	50.53 -0.36 0.00
ALCOA___DSASP 323711	54.63 -0.05 0.00	52.78 0.00 0.00	49.85 0.00 0.00	49.06 0.15 0.00	48.04 0.24 0.00	46.74 0.28 0.00	48.51 0.24 0.00	50.32 0.05 0.00	52.55 -0.05 0.00	54.58 -0.27 0.00	59.74 -0.48 0.00	64.86 -0.72 0.00	75.72 -0.92 0.00	82.60 -2.03 0.00	89.66 -2.68 0.00	108.08 -3.46 0.00	114.19 -3.90 0.00	121.15 -3.88 0.00	129.49 -3.46 0.00	108.07 -2.54 0.00	85.48 -1.74 0.00	67.05 -0.68 0.00	57.45 -0.70 0.00	50.53 -0.36 0.00
ALLEGHENY___COGEN 23514	55.06 1.37 0.99	54.83 0.58 -1.46	50.96 0.50 -0.61	48.95 0.39 0.35	48.27 0.48 0.01	48.02 0.51 -1.05	62.51 0.48 -13.76	63.73 0.35 -13.11	80.95 0.00 -28.34	74.99 -0.55 -20.68	75.74 -1.15 -16.66	80.08 -1.12 -15.62	85.36 -7.28 -16.00	108.62 -8.46 -32.45	107.84 -8.77 -24.28	155.38 -10.60 -54.45	164.19 -11.34 -57.44	193.66 -12.00 -80.63	209.87 -10.37 -87.29	133.44 -6.08 -28.91	92.03 -5.23 -10.03	74.63 1.49 -5.42	58.10 0.93 0.97	49.47 0.05 1.47
ALTAMONT_115KV_TB 2 55880	50.33 0.87 5.23	47.86 1.00 5.93	46.56 0.95 4.24	46.11 0.88 3.68	48.56 0.81 0.05	47.20 0.74 0.00	49.04 0.77 0.00	50.87 0.60 0.00	53.08 0.47 0.00	55.35 0.49 0.00	60.89 0.66 0.00	66.37 0.79 0.00	77.79 1.15 0.00	86.58 1.95 0.00	94.83 2.49 0.00	108.73 3.12 5.93	101.51 3.54 20.12	107.24 3.88 21.66	119.73 3.99 17.20	97.14 3.32 16.79	84.94 2.44 4.73	69.15 1.42 0.00	58.93 1.28 0.49	52.06 1.17 0.00
ALTONA_WT_PWR 323606	54.63 -0.05 0.00	52.68 -0.11 0.00	49.75 -0.10 0.00	48.96 0.05 0.00	47.90 0.10 0.00	46.65 0.19 0.00	48.46 0.19 0.00	50.47 0.20 0.00	52.77 0.16 0.00	54.59 -0.27 0.00	59.26 -0.97 0.00	64.14 -1.44 0.00	74.88 -1.76 0.00	81.84 -2.79 0.00	88.92 -3.41 0.00	106.96 -4.58 0.00	113.01 -5.07 0.00	119.66 -5.37 0.00	127.63 -5.32 0.00	106.52 -4.09 0.00	84.17 -3.06 0.00	65.70 -2.03 0.00	56.52 -1.63 0.00	50.02 -0.87 0.00
AMERICAN_REF_FUEL 24010	48.94 -4.48 1.26	45.89 -5.23 1.66	44.23 -4.88 0.73	43.82 -4.65 0.44	43.20 -4.59 0.01	40.51 -4.88 1.07	39.67 -4.54 4.06	41.54 -4.07 4.65	40.41 -3.68 8.51	45.08 -3.68 6.11	49.98 -4.34 5.91	54.55 -4.52 6.51	62.42 -6.51 7.71	63.93 -6.85 13.85	71.43 -7.76 13.15	80.39 -10.15 21.00	85.35 -11.57 21.17	84.83 -13.26 26.94	92.19 -13.69 27.07	85.10 -10.17 15.34	68.25 -8.54 10.43	56.05 -5.76 5.92	49.42 -5.70 3.03	43.63 -5.40 1.87
ARKWRIGHT___SUMMIT_WT_PWR 323751	50.03 -3.50 1.15	46.76 -4.33 1.70	44.92 -4.19 0.74	44.60 -3.91 0.40	44.31 -3.49 0.01	41.92 -3.44 1.10	40.50 -2.99 4.78	42.55 -2.41 5.31	40.73 -1.89 9.98	45.81 -1.87 7.19	51.14 -2.35 6.74	55.86 -2.49 7.23	64.63 -3.60 8.41	67.48 -3.81 13.34	75.21 -4.15 12.97	85.96 -5.57 20.01	92.25 -5.78 20.06	92.72 -7.12 25.19	101.27 -6.64 25.03	91.75 -4.09 14.77	71.75 -4.80 10.68	57.94 -3.72 6.06	51.56 -3.72 2.86	45.26 -3.92 1.70
ARTHUR KILL_GT_1 23520	57.48 2.79 -0.01	55.38 2.59 -0.01	52.10 2.24 -0.01	50.92 2.01 -0.01	49.77 1.96 -0.01	48.74 2.28 -0.01	50.88 2.61 -0.01	53.34 3.07 -0.01	55.98 3.37 -0.01	58.60 3.73 -0.01	64.63 4.40 -0.01	69.78 4.20 0.00	82.77 6.13 0.00	93.10 8.46 -0.01	101.31 8.96 -0.02	124.49 11.93 -1.02	147.27 13.23 -15.96	164.52 14.25 -25.24	150.28 14.36 -2.97	124.36 10.84 -2.90	94.82 7.59 0.00	72.13 4.40 0.00	62.34 4.19 -0.01	54.51 3.61 -0.01
ARTHUR_KILL_2 23512	57.21 2.52 -0.01	55.11 2.32 -0.01	51.90 2.04 -0.01	50.73 1.81 -0.01	49.58 1.77 -0.01	48.51 2.04 -0.01	50.59 2.32 -0.01	53.14 2.86 -0.01	55.77 3.16 -0.01	58.38 3.51 -0.01	64.39 4.15 -0.01	69.52 3.93 0.00	82.46 5.82 0.00	92.68 8.04 -0.01	100.48 8.13 -0.02	123.94 11.38 -1.02	146.56 12.51 -15.96	163.90 13.63 -25.24	149.53 13.57 -3.01	123.51 9.96 -2.94	94.22 6.98 -0.01	71.79 4.06 0.00	62.16 4.01 -0.01	54.36 3.46 -0.01
ARTHUR_KILL_3 23513	56.71 2.02 0.00	54.58 1.80 0.00	51.30 1.45 0.00	50.13 1.22 0.00	49.00 1.20 0.00	47.85 1.39 0.00	50.00 1.74 0.00	52.68 2.41 0.00	55.34 2.73 0.00	58.15 3.29 0.00	64.02 3.80 0.00	69.25 3.67 0.01	82.15 5.52 0.01	92.41 7.78 0.00	100.37 8.03 -0.01	123.71 11.15 -1.02	146.45 12.40 -15.96	163.78 13.51 -25.25	149.25 13.29 -3.00	123.28 9.74 -2.93	93.85 6.63 0.00	71.44 3.72 0.01	61.92 3.78 0.00	53.99 3.10 0.00

ARTHUR_KILL_COGEN 323718	57.43 2.73 -0.01	55.33 2.53 -0.01	52.05 2.19 -0.01	50.93 2.01 -0.01	49.77 1.96 -0.01	48.70 2.23 -0.01	50.79 2.51 -0.01	53.34 3.07 -0.01	55.99 3.37 -0.01	58.60 3.73 -0.01	64.63 4.39 -0.01	69.78 4.20 0.00	82.84 6.20 0.00	93.10 8.46 -0.01	100.94 8.59 -0.02	124.50 11.94 -1.02	147.15 13.11 -15.96	164.51 14.25 -25.24	150.19 14.23 -3.01	124.17 10.62 -2.94	94.74 7.50 -0.01	72.13 4.40 0.00	62.39 4.24 -0.01	54.56 3.67 -0.01
ASHOKAN____ 23654	50.91 3.88 7.66	47.70 3.59 8.68	46.94 3.29 6.20	46.61 3.08 5.38	49.88 2.15 0.08	48.46 2.00 0.00	50.30 2.03 0.00	52.18 1.91 0.00	54.18 1.58 0.00	56.56 1.70 0.00	62.39 2.16 0.00	67.94 2.36 0.00	80.01 3.37 0.00	89.28 4.65 0.00	98.06 5.73 0.00	115.07 11.38 7.85	107.11 12.05 23.03	116.62 14.00 22.41	126.77 16.35 22.53	102.00 13.38 21.99	89.91 9.60 6.92	71.72 3.99 0.00	62.19 4.77 0.72	53.84 2.95 0.00
ASTORIA_EAST_ENERGY_CC1 323581	57.21 2.52 -0.01	55.11 2.32 -0.01	51.85 2.00 -0.01	50.63 1.71 -0.01	49.53 1.72 -0.01	48.37 1.91 0.00	50.30 2.03 -0.01	52.84 2.56 -0.01	55.35 2.73 -0.01	58.10 3.24 -0.01	64.45 4.21 -0.01	69.58 4.00 0.00	82.69 6.05 0.00	92.94 8.30 -0.01	101.01 8.68 0.00	123.93 11.38 -1.01	146.92 12.87 -15.96	163.90 13.63 -25.24	149.66 13.70 -3.01	123.62 10.06 -2.94	94.30 7.06 -0.01	72.00 4.27 -0.01	62.45 4.30 -0.01	54.40 3.51 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	57.21 2.52 -0.01	55.11 2.32 -0.01	51.85 2.00 -0.01	50.63 1.71 -0.01	49.53 1.72 -0.01	48.37 1.91 0.00	50.30 2.03 -0.01	52.84 2.56 -0.01	55.35 2.73 -0.01	58.10 3.24 -0.01	64.45 4.21 -0.01	69.58 4.00 0.00	82.69 6.05 0.00	92.94 8.30 -0.01	101.01 8.68 0.00	123.93 11.38 -1.01	146.92 12.87 -15.96	163.90 13.63 -25.24	149.66 13.70 -3.01	123.62 10.06 -2.94	94.30 7.06 -0.01	72.00 4.27 -0.01	62.45 4.30 -0.01	54.40 3.51 -0.01
ASTORIA_GT2_1 24094	57.32 2.62 -0.01	55.22 2.43 -0.01	51.90 2.04 -0.01	50.73 1.81 -0.01	49.58 1.77 -0.01	48.41 1.95 0.00	50.45 2.17 -0.01	52.84 2.56 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.22 -0.01	69.65 4.07 0.00	82.69 6.05 0.00	93.02 8.38 -0.01	101.39 9.05 0.00	124.14 11.60 -1.01	147.03 12.99 -15.95	164.02 13.75 -25.24	149.75 13.83 -2.97	123.80 10.29 -2.90	94.39 7.15 -0.01	72.00 4.27 -0.01	62.40 4.24 -0.01	54.41 3.51 -0.01
ASTORIA_GT2_2 24095	57.32 2.62 -0.01	55.22 2.43 -0.01	51.90 2.04 -0.01	50.73 1.81 -0.01	49.58 1.77 -0.01	48.41 1.95 0.00	50.45 2.17 -0.01	52.84 2.56 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.22 -0.01	69.65 4.07 0.00	82.69 6.05 0.00	93.02 8.38 -0.01	101.39 9.05 0.00	124.14 11.60 -1.01	147.03 12.99 -15.95	164.02 13.75 -25.24	149.75 13.83 -2.97	123.80 10.29 -2.90	94.39 7.15 -0.01	72.00 4.27 -0.01	62.40 4.24 -0.01	54.41 3.51 -0.01
ASTORIA_GT2_3 24096	57.32 2.62 -0.01	55.22 2.43 -0.01	51.90 2.04 -0.01	50.73 1.81 -0.01	49.58 1.77 -0.01	48.41 1.95 0.00	50.45 2.17 -0.01	52.84 2.56 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.22 -0.01	69.65 4.07 0.00	82.69 6.05 0.00	93.02 8.38 -0.01	101.39 9.05 0.00	124.14 11.60 -1.01	147.03 12.99 -15.95	164.02 13.75 -25.24	149.75 13.83 -2.97	123.80 10.29 -2.90	94.39 7.15 -0.01	72.00 4.27 -0.01	62.40 4.24 -0.01	54.41 3.51 -0.01
ASTORIA_GT2_4 24097	57.32 2.62 -0.01	55.22 2.43 -0.01	51.90 2.04 -0.01	50.73 1.81 -0.01	49.58 1.77 -0.01	48.41 1.95 0.00	50.45 2.17 -0.01	52.84 2.56 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.22 -0.01	69.65 4.07 0.00	82.69 6.05 0.00	93.02 8.38 -0.01	101.39 9.05 0.00	124.14 11.60 -1.01	147.03 12.99 -15.95	164.02 13.75 -25.24	149.75 13.83 -2.97	123.80 10.29 -2.90	94.39 7.15 -0.01	72.00 4.27 -0.01	62.40 4.24 -0.01	54.41 3.51 -0.01
ASTORIA_GT3_1 24098	57.32 2.62 -0.01	55.22 2.43 -0.01	51.90 2.04 -0.01	50.73 1.81 -0.01	49.58 1.77 -0.01	48.41 1.95 0.00	50.45 2.17 -0.01	52.84 2.56 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.22 -0.01	69.65 4.07 0.00	82.69 6.05 0.00	93.02 8.38 -0.01	101.39 9.05 0.00	124.14 11.60 -1.01	147.03 12.99 -15.95	164.02 13.75 -25.24	149.75 13.83 -2.97	123.80 10.29 -2.90	94.39 7.15 -0.01	72.00 4.27 -0.01	62.40 4.24 -0.01	54.41 3.51 -0.01
ASTORIA_GT3_2 24099	57.32 2.62 -0.01	55.22 2.43 -0.01	51.90 2.04 -0.01	50.73 1.81 -0.01	49.58 1.77 -0.01	48.41 1.95 0.00	50.45 2.17 -0.01	52.84 2.56 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.22 -0.01	69.65 4.07 0.00	82.69 6.05 0.00	93.02 8.38 -0.01	101.39 9.05 0.00	124.14 11.60 -1.01	147.03 12.99 -15.95	164.02 13.75 -25.24	149.75 13.83 -2.97	123.80 10.29 -2.90	94.39 7.15 -0.01	72.00 4.27 -0.01	62.40 4.24 -0.01	54.41 3.51 -0.01
ASTORIA_GT3_3 24100	57.32 2.62 -0.01	55.22 2.43 -0.01	51.90 2.04 -0.01	50.73 1.81 -0.01	49.58 1.77 -0.01	48.41 1.95 0.00	50.45 2.17 -0.01	52.84 2.56 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.22 -0.01	69.65 4.07 0.00	82.69 6.05 0.00	93.02 8.38 -0.01	101.39 9.05 0.00	124.14 11.60 -1.01	147.03 12.99 -15.95	164.02 13.75 -25.24	149.75 13.83 -2.97	123.80 10.29 -2.90	94.39 7.15 -0.01	72.00 4.27 -0.01	62.40 4.24 -0.01	54.41 3.51 -0.01
ASTORIA_GT3_4 24101	57.32 2.62 -0.01	55.22 2.43 -0.01	51.90 2.04 -0.01	50.73 1.81 -0.01	49.58 1.77 -0.01	48.41 1.95 0.00	50.45 2.17 -0.01	52.84 2.56 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.22 -0.01	69.65 4.07 0.00	82.69 6.05 0.00	93.02 8.38 -0.01	101.39 9.05 0.00	124.14 11.60 -1.01	147.03 12.99 -15.95	164.02 13.75 -25.24	149.75 13.83 -2.97	123.80 10.29 -2.90	94.39 7.15 -0.01	72.00 4.27 -0.01	62.40 4.24 -0.01	54.41 3.51 -0.01
ASTORIA_GT4_1 24102	57.32 2.62 -0.01	55.22 2.43 -0.01	51.90 2.04 -0.01	50.73 1.81 -0.01	49.58 1.77 -0.01	48.41 1.95 0.00	50.45 2.17 -0.01	52.84 2.56 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.22 -0.01	69.65 4.07 0.00	82.69 6.05 0.00	93.02 8.38 -0.01	101.39 9.05 0.00	124.14 11.60 -1.01	147.03 12.99 -15.95	164.02 13.75 -25.24	149.75 13.83 -2.97	123.80 10.29 -2.90	94.39 7.15 -0.01	72.00 4.27 -0.01	62.40 4.24 -0.01	54.41 3.51 -0.01
ASTORIA_GT4_2 24103	57.32 2.62 -0.01	55.22 2.43 -0.01	51.90 2.04 -0.01	50.73 1.81 -0.01	49.58 1.77 -0.01	48.41 1.95 0.00	50.45 2.17 -0.01	52.84 2.56 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.22 -0.01	69.65 4.07 0.00	82.69 6.05 0.00	93.02 8.38 -0.01	101.39 9.05 0.00	124.14 11.60 -1.01	147.03 12.99 -15.95	164.02 13.75 -25.24	149.75 13.83 -2.97	123.80 10.29 -2.90	94.39 7.15 -0.01	72.00 4.27 -0.01	62.40 4.24 -0.01	54.41 3.51 -0.01
ASTORIA_GT4_3 24104	57.32 2.62 -0.01	55.22 2.43 -0.01	51.90 2.04 -0.01	50.73 1.81 -0.01	49.58 1.77 -0.01	48.41 1.95 0.00	50.45 2.17 -0.01	52.84 2.56 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.22 -0.01	69.65 4.07 0.00	82.69 6.05 0.00	93.02 8.38 -0.01	101.39 9.05 0.00	124.14 11.60 -1.01	147.03 12.99 -15.95	164.02 13.75 -25.24	149.75 13.83 -2.97	123.80 10.29 -2.90	94.39 7.15 -0.01	72.00 4.27 -0.01	62.40 4.24 -0.01	54.41 3.51 -0.01

ASTORIA_GT4_4 24105	57.32 2.62 -0.01	55.22 2.43 -0.01	51.90 2.04 -0.01	50.73 1.81 -0.01	49.58 1.77 -0.01	48.41 1.95 0.00	50.45 2.17 -0.01	52.84 2.56 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.22 -0.01	69.65 4.07 0.00	82.69 6.05 0.00	93.02 8.38 -0.01	101.39 9.05 0.00	124.14 11.60 -1.01	147.03 12.99 -15.95	164.02 13.75 -25.24	149.75 13.83 -2.97	123.80 10.29 -2.90	94.39 7.15 -0.01	72.00 4.27 -0.01	62.40 4.24 -0.01	54.41 3.51 -0.01
ASTORIA_GT_1 23523	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.83 1.91 -0.01	49.67 1.86 -0.01	48.50 2.04 0.00	50.55 2.27 -0.01	52.99 2.71 -0.01	55.56 2.95 -0.01	58.32 3.46 -0.01	64.63 4.40 -0.01	69.85 4.26 0.00	82.92 6.28 0.00	93.27 8.63 -0.01	101.66 9.33 0.00	124.48 11.93 -1.01	147.38 13.34 -15.95	164.39 14.13 -25.24	150.15 14.23 -2.97	124.13 10.62 -2.90	94.65 7.41 -0.01	72.20 4.47 -0.01	62.57 4.42 -0.01	54.51 3.61 -0.01
ASTORIA_GT_10 24110	57.09 2.41 0.00	55.01 2.22 -0.01	51.74 1.89 0.00	50.53 1.61 0.00	49.38 1.58 0.00	48.32 1.86 0.00	50.45 2.17 -0.01	52.94 2.66 -0.01	55.61 3.00 -0.01	58.38 3.51 -0.01	64.39 4.16 -0.01	69.52 3.93 0.00	82.46 5.82 0.00	92.84 8.21 0.00	101.01 8.68 0.01	124.14 11.60 -1.00	146.79 12.75 -15.95	164.01 13.75 -25.23	149.61 13.69 -2.96	123.68 10.18 -2.89	94.21 6.98 0.00	71.72 4.00 0.00	62.10 3.95 0.00	54.20 3.31 -0.01
ASTORIA_GT_11 24225	57.09 2.41 0.00	55.01 2.22 -0.01	51.74 1.89 0.00	50.53 1.61 0.00	49.38 1.58 0.00	48.32 1.86 0.00	50.45 2.17 -0.01	52.94 2.66 -0.01	55.61 3.00 -0.01	58.38 3.51 -0.01	64.39 4.16 -0.01	69.52 3.93 0.00	82.46 5.82 0.00	92.84 8.21 0.00	101.01 8.68 0.01	124.14 11.60 -1.00	146.79 12.75 -15.95	164.01 13.75 -25.23	149.61 13.69 -2.96	123.68 10.18 -2.89	94.21 6.98 0.00	71.72 4.00 0.00	62.10 3.95 0.00	54.20 3.31 -0.01
ASTORIA_GT_12 24226	57.09 2.41 0.00	55.01 2.22 -0.01	51.74 1.89 0.00	50.53 1.61 0.00	49.38 1.58 0.00	48.32 1.86 0.00	50.45 2.17 -0.01	52.94 2.66 -0.01	55.61 3.00 -0.01	58.38 3.51 -0.01	64.39 4.16 -0.01	69.52 3.93 0.00	82.46 5.82 0.00	92.84 8.21 0.00	101.01 8.68 0.01	124.14 11.60 -1.00	146.79 12.75 -15.95	164.01 13.75 -25.23	149.61 13.69 -2.96	123.68 10.18 -2.89	94.21 6.98 0.00	71.72 4.00 0.00	62.10 3.95 0.00	54.20 3.31 -0.01
ASTORIA_GT_13 24227	57.09 2.41 0.00	55.01 2.22 -0.01	51.74 1.89 0.00	50.53 1.61 0.00	49.38 1.58 0.00	48.32 1.86 0.00	50.45 2.17 -0.01	52.94 2.66 -0.01	55.61 3.00 -0.01	58.38 3.51 -0.01	64.39 4.16 -0.01	69.52 3.93 0.00	82.46 5.82 0.00	92.84 8.21 0.00	101.01 8.68 0.01	124.14 11.60 -1.00	146.79 12.75 -15.95	164.01 13.75 -25.23	149.61 13.69 -2.96	123.68 10.18 -2.89	94.21 6.98 0.00	71.72 4.00 0.00	62.10 3.95 0.00	54.20 3.31 -0.01
ASTORIA_GT_5 24106	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.83 1.91 -0.01	49.67 1.86 -0.01	48.50 2.04 0.00	50.55 2.27 -0.01	52.99 2.71 -0.01	55.56 2.95 -0.01	58.32 3.46 -0.01	64.63 4.40 -0.01	69.85 4.26 0.00	82.92 6.28 0.00	93.27 8.63 -0.01	101.66 9.33 0.00	124.48 11.93 -1.01	147.38 13.34 -15.95	164.39 14.13 -25.24	150.15 14.23 -2.97	124.13 10.62 -2.90	94.65 7.41 -0.01	72.20 4.47 -0.01	62.57 4.42 -0.01	54.51 3.61 -0.01
ASTORIA_GT_7 24107	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.83 1.91 -0.01	49.67 1.86 -0.01	48.50 2.04 0.00	50.55 2.27 -0.01	52.99 2.71 -0.01	55.56 2.95 -0.01	58.32 3.46 -0.01	64.63 4.40 -0.01	69.85 4.26 0.00	82.92 6.28 0.00	93.27 8.63 -0.01	101.66 9.33 0.00	124.48 11.93 -1.01	147.38 13.34 -15.95	164.39 14.13 -25.24	150.15 14.23 -2.97	124.13 10.62 -2.90	94.65 7.41 -0.01	72.20 4.47 -0.01	62.57 4.42 -0.01	54.51 3.61 -0.01
ASTORIA_GT_8 24108	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.83 1.91 -0.01	49.67 1.86 -0.01	48.50 2.04 0.00	50.55 2.27 -0.01	52.99 2.71 -0.01	55.56 2.95 -0.01	58.32 3.46 -0.01	64.63 4.40 -0.01	69.85 4.26 0.00	82.92 6.28 0.00	93.27 8.63 -0.01	101.66 9.33 0.00	124.48 11.93 -1.01	147.38 13.34 -15.95	164.39 14.13 -25.24	150.15 14.23 -2.97	124.13 10.62 -2.90	94.65 7.41 -0.01	72.20 4.47 -0.01	62.57 4.42 -0.01	54.51 3.61 -0.01
ASTORIA___2 24149	57.21 2.52 -0.01	55.17 2.38 -0.01	51.85 2.00 -0.01	50.68 1.76 -0.01	49.53 1.72 -0.01	48.37 1.91 0.00	50.35 2.07 -0.01	52.89 2.61 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.21 -0.01	69.65 4.07 0.00	82.77 6.13 0.00	92.94 8.30 -0.01	101.01 8.68 0.00	124.04 11.49 -1.01	146.92 12.87 -15.96	164.02 13.75 -25.24	149.66 13.70 -3.01	123.62 10.06 -2.94	94.39 7.15 -0.01	72.00 4.27 -0.01	62.51 4.36 -0.01	54.46 3.56 -0.01
ASTORIA___3 23516	57.04 2.35 0.00	54.96 2.16 -0.01	51.69 1.85 0.00	50.48 1.56 0.00	49.33 1.53 0.00	48.23 1.77 0.00	50.35 2.07 -0.01	52.99 2.71 -0.01	55.61 3.00 -0.01	58.38 3.51 -0.01	64.39 4.15 -0.01	69.52 3.93 0.00	82.46 5.82 0.00	92.75 8.13 0.00	100.64 8.31 0.01	124.03 11.49 -1.00	146.68 12.64 -15.95	164.01 13.75 -25.23	149.65 13.70 -3.00	123.61 10.06 -2.93	94.12 6.89 0.00	71.65 3.93 0.00	62.21 4.07 0.00	54.30 3.41 -0.01
ASTORIA___4 23517	57.09 2.41 0.00	55.01 2.22 -0.01	51.74 1.89 0.00	50.53 1.61 0.00	49.38 1.58 0.00	48.32 1.86 0.00	50.45 2.17 -0.01	52.94 2.66 -0.01	55.61 3.00 -0.01	58.38 3.51 -0.01	64.39 4.16 -0.01	69.52 3.93 0.00	82.46 5.82 0.00	92.84 8.21 0.00	101.01 8.68 0.01	124.14 11.60 -1.00	146.79 12.75 -15.95	164.01 13.75 -25.23	149.61 13.69 -2.96	123.68 10.18 -2.89	94.21 6.98 0.00	71.72 4.00 0.00	62.10 3.95 0.00	54.20 3.31 -0.01
ASTORIA___5 23518	57.04 2.35 0.00	54.96 2.16 -0.01	51.69 1.85 0.00	50.48 1.56 0.00	49.33 1.53 0.00	48.23 1.77 0.00	50.35 2.07 -0.01	52.99 2.71 -0.01	55.61 3.00 -0.01	58.38 3.51 -0.01	64.39 4.15 -0.01	69.52 3.93 0.00	82.46 5.82 0.00	92.75 8.13 0.00	100.64 8.31 0.01	124.03 11.49 -1.00	146.68 12.64 -15.95	164.01 13.75 -25.23	149.65 13.70 -3.00	123.61 10.06 -2.93	94.12 6.89 0.00	71.65 3.93 0.00	62.21 4.07 0.00	54.30 3.41 -0.01
AST_ENERGY_2_CC3 323677	56.82 2.13 0.00	54.74 1.95 0.00	51.49 1.64 0.00	50.33 1.42 0.00	49.19 1.39 0.00	48.09 1.63 0.00	50.15 1.88 0.00	52.78 2.51 0.00	55.45 2.84 0.00	58.21 3.35 0.00	64.20 3.97 0.00	69.58 4.00 0.00	82.46 5.82 0.00	92.67 8.04 0.00	92.89 8.31 7.76	110.00 11.49 13.03	146.92 12.87 -15.95	164.14 13.88 -25.24	149.65 13.70 -3.00	110.00 10.06 10.68	94.21 6.98 0.00	71.79 4.06 0.00	62.04 3.90 0.00	54.09 3.21 0.00
AST_ENERGY_2_CC4 323678	56.82 2.13 0.00	54.74 1.95 0.00	51.49 1.64 0.00	50.33 1.42 0.00	49.19 1.39 0.00	48.09 1.63 0.00	50.15 1.88 0.00	52.78 2.51 0.00	55.45 2.84 0.00	58.21 3.35 0.00	64.20 3.97 0.00	69.58 4.00 0.00	82.46 5.82 0.00	92.67 8.04 0.00	92.89 8.31 7.76	110.00 11.49 13.03	146.92 12.87 -15.95	164.14 13.88 -25.24	149.65 13.70 -3.00	110.00 10.06 10.68	94.21 6.98 0.00	71.79 4.06 0.00	62.04 3.90 0.00	54.09 3.21 0.00

ATHENS_STG_1 23668	55.67 0.99 0.00	53.84 1.06 0.00	50.85 1.00 0.00	49.84 0.93 0.00	48.66 0.86 0.00	47.30 0.84 0.00	49.23 0.96 0.00	51.22 0.95 0.00	53.60 1.00 0.00	56.06 1.21 0.00	61.73 1.51 0.00	67.22 1.64 0.00	79.09 2.45 0.00	88.27 3.64 0.00	96.39 4.06 0.00	117.00 5.46 0.00	123.99 5.90 0.00	131.40 6.37 0.00	139.33 6.38 0.00	115.48 4.86 0.00	90.72 3.49 0.00	69.69 1.97 0.00	59.83 1.69 0.00	52.36 1.48 0.00
ATHENS_STG_2 23670	55.67 0.99 0.00	53.84 1.06 0.00	50.85 1.00 0.00	49.84 0.93 0.00	48.66 0.86 0.00	47.30 0.84 0.00	49.23 0.96 0.00	51.22 0.95 0.00	53.60 1.00 0.00	56.06 1.21 0.00	61.73 1.51 0.00	67.22 1.64 0.00	79.09 2.45 0.00	88.27 3.64 0.00	96.39 4.06 0.00	117.00 5.46 0.00	123.99 5.90 0.00	131.40 6.37 0.00	139.33 6.38 0.00	115.48 4.86 0.00	90.72 3.49 0.00	69.69 1.97 0.00	59.83 1.69 0.00	52.36 1.48 0.00
ATHENS_STG_3 23677	55.67 0.99 0.00	53.84 1.06 0.00	50.85 1.00 0.00	49.84 0.93 0.00	48.66 0.86 0.00	47.30 0.84 0.00	49.23 0.96 0.00	51.22 0.95 0.00	53.60 1.00 0.00	56.06 1.21 0.00	61.73 1.51 0.00	67.22 1.64 0.00	79.09 2.45 0.00	88.27 3.64 0.00	96.39 4.06 0.00	117.00 5.46 0.00	123.99 5.90 0.00	131.40 6.37 0.00	139.33 6.38 0.00	115.48 4.86 0.00	90.72 3.49 0.00	69.69 1.97 0.00	59.83 1.69 0.00	52.36 1.48 0.00
AUBURN____LFGE 323710	56.14 0.38 -1.07	54.32 0.05 -1.48	51.51 0.05 -1.62	50.23 -0.10 -1.42	49.61 0.00 -1.81	47.40 0.05 -0.89	50.81 0.24 -2.30	52.48 0.40 -1.81	56.17 0.53 -3.03	58.19 0.55 -2.78	63.35 0.48 -2.64	68.68 0.66 -2.44	80.61 0.54 -3.43	90.45 0.93 -4.89	97.21 1.20 -3.67	121.97 1.56 -8.87	128.07 1.42 -8.57	136.21 1.00 -10.18	147.02 1.46 -12.60	117.34 1.44 -5.29	89.24 0.96 -1.05	68.64 0.34 -0.58	58.34 0.12 -0.08	50.84 -0.05 0.00
BABYLON_RES_REC 323704	56.88 2.19 0.00	55.10 2.32 0.00	52.64 2.79 0.00	51.50 2.59 0.00	49.95 2.15 0.00	48.27 1.81 0.00	50.39 2.12 0.00	52.98 2.71 0.00	54.98 2.37 0.00	57.21 2.36 0.01	64.22 3.55 -0.44	70.70 5.12 0.00	84.31 7.20 -0.47	100.17 9.64 -5.90	107.87 10.61 -4.92	141.90 14.17 -16.20	184.37 15.83 -50.45	214.28 17.13 -72.12	189.17 17.28 -38.95	144.60 13.16 -20.82	106.88 9.51 -10.14	74.64 5.96 -0.95	61.91 3.61 -0.16	54.51 3.61 -0.01
BALL_HILL_WT_PWR 323825	50.34 -3.17 1.17	47.05 -3.96 1.77	45.33 -3.74 0.78	44.98 -3.52 0.41	44.69 -3.11 0.01	42.10 -3.21 1.15	40.34 -2.80 5.13	42.34 -2.26 5.67	40.12 -1.79 10.70	45.45 -1.70 7.71	50.99 -2.05 7.19	55.87 -2.03 7.68	64.52 -3.22 8.90	66.74 -3.39 14.50	74.88 -3.70 13.76	84.90 -5.13 21.51	90.33 -6.15 21.61	90.37 -7.38 27.28	98.66 -7.05 27.23	90.03 -4.86 15.72	71.00 -5.06 11.17	57.46 -3.93 6.34	51.25 -3.96 2.93	45.13 -4.02 1.74
BARON_WINDS____WT_PWR 323822	53.39 -0.88 0.42	47.68 -1.53 3.57	47.14 -1.45 1.26	47.64 -1.42 -0.15	47.17 -1.15 -0.51	42.86 -1.16 2.44	27.19 -0.72 20.35	29.09 -0.55 20.63	9.50 -0.47 42.63	23.57 -0.49 30.79	33.46 -0.66 26.11	39.18 -0.53 25.87	47.60 -1.30 27.73	31.13 -1.01 52.49	47.79 -0.83 43.71	25.29 -1.22 85.02	27.65 -2.01 88.43	2.05 -2.50 120.48	4.41 -1.73 126.80	58.98 -0.66 50.98	60.28 -1.22 25.72	52.33 -1.09 14.31	53.47 -1.40 3.28	48.28 -1.53 1.08
BARRETT_IC_1 23704	56.55 1.86 0.00	54.74 1.95 0.00	52.09 2.25 0.00	50.96 2.05 0.00	49.47 1.67 0.00	47.99 1.53 0.00	49.96 1.69 0.00	52.53 2.26 0.00	54.56 1.95 0.00	56.94 2.08 0.01	63.41 3.19 0.00	70.10 4.52 0.00	83.08 6.44 0.00	99.17 8.64 -5.90	105.17 8.87 -3.97	137.97 11.94 -14.50	174.76 13.22 -43.44	206.07 14.25 -66.79	183.18 14.36 -35.86	140.18 10.85 -18.72	103.74 8.02 -8.49	72.81 5.08 0.00	61.28 3.14 0.00	53.94 3.05 0.00
BARRETT_IC_10 23701	56.55 1.86 0.00	54.74 1.95 0.00	52.09 2.25 0.00	50.96 2.05 0.00	49.47 1.67 0.00	47.99 1.53 0.00	49.96 1.69 0.00	52.53 2.26 0.00	54.56 1.95 0.00	56.94 2.08 0.01	63.41 3.19 0.00	70.10 4.52 0.00	83.08 6.44 0.00	99.17 8.64 -5.90	105.17 8.87 -3.97	137.97 11.94 -14.50	174.76 13.22 -43.44	206.07 14.25 -66.79	183.18 14.36 -35.86	140.18 10.85 -18.72	103.74 8.02 -8.49	72.81 5.08 0.00	61.28 3.14 0.00	53.94 3.05 0.00
BARRETT_IC_11 23702	56.55 1.86 0.00	54.74 1.95 0.00	52.09 2.25 0.00	50.96 2.05 0.00	49.47 1.67 0.00	47.99 1.53 0.00	49.96 1.69 0.00	52.53 2.26 0.00	54.56 1.95 0.00	56.94 2.08 0.01	63.41 3.19 0.00	70.10 4.52 0.00	83.08 6.44 0.00	99.17 8.64 -5.90	105.17 8.87 -3.97	137.97 11.94 -14.50	174.76 13.22 -43.44	206.07 14.25 -66.79	183.18 14.36 -35.86	140.18 10.85 -18.72	103.74 8.02 -8.49	72.81 5.08 0.00	61.28 3.14 0.00	53.94 3.05 0.00
BARRETT_IC_12 23703	56.55 1.86 0.00	54.74 1.95 0.00	52.09 2.25 0.00	50.96 2.05 0.00	49.47 1.67 0.00	47.99 1.53 0.00	49.96 1.69 0.00	52.53 2.26 0.00	54.56 1.95 0.00	56.94 2.08 0.01	63.41 3.19 0.00	70.10 4.52 0.00	83.08 6.44 0.00	99.17 8.64 -5.90	105.17 8.87 -3.97	137.97 11.94 -14.50	174.76 13.22 -43.44	206.07 14.25 -66.79	183.18 14.36 -35.86	140.18 10.85 -18.72	103.74 8.02 -8.49	72.81 5.08 0.00	61.28 3.14 0.00	53.94 3.05 0.00
BARRETT_IC_2 23705	56.55 1.86 0.00	54.74 1.95 0.00	52.09 2.25 0.00	50.96 2.05 0.00	49.47 1.67 0.00	47.99 1.53 0.00	49.96 1.69 0.00	52.53 2.26 0.00	54.56 1.95 0.00	56.94 2.08 0.01	63.41 3.19 0.00	70.10 4.52 0.00	83.08 6.44 0.00	99.17 8.64 -5.90	105.17 8.87 -3.97	137.97 11.94 -14.50	174.76 13.22 -43.44	206.07 14.25 -66.79	183.18 14.36 -35.86	140.18 10.85 -18.72	103.74 8.02 -8.49	72.81 5.08 0.00	61.28 3.14 0.00	53.94 3.05 0.00
BARRETT_IC_3 23706	56.55 1.86 0.00	54.74 1.95 0.00	52.09 2.25 0.00	50.96 2.05 0.00	49.47 1.67 0.00	47.99 1.53 0.00	49.96 1.69 0.00	52.53 2.26 0.00	54.56 1.95 0.00	56.94 2.08 0.01	63.41 3.19 0.00	70.10 4.52 0.00	83.08 6.44 0.00	99.17 8.64 -5.90	105.17 8.87 -3.97	137.97 11.94 -14.50	174.76 13.22 -43.44	206.07 14.25 -66.79	183.18 14.36 -35.86	140.18 10.85 -18.72	103.74 8.02 -8.49	72.81 5.08 0.00	61.28 3.14 0.00	53.94 3.05 0.00
BARRETT_IC_4 23707	56.55 1.86 0.00	54.74 1.95 0.00	52.09 2.25 0.00	50.96 2.05 0.00	49.47 1.67 0.00	47.99 1.53 0.00	49.96 1.69 0.00	52.53 2.26 0.00	54.56 1.95 0.00	56.94 2.08 0.01	63.41 3.19 0.00	70.10 4.52 0.00	83.08 6.44 0.00	99.17 8.64 -5.90	105.17 8.87 -3.97	137.97 11.94 -14.50	174.76 13.22 -43.44	206.07 14.25 -66.79	183.18 14.36 -35.86	140.18 10.85 -18.72	103.74 8.02 -8.49	72.81 5.08 0.00	61.28 3.14 0.00	53.94 3.05 0.00
BARRETT_IC_5 23708	56.55 1.86 0.00	54.74 1.95 0.00	52.09 2.25 0.00	50.96 2.05 0.00	49.47 1.67 0.00	47.99 1.53 0.00	49.96 1.69 0.00	52.53 2.26 0.00	54.56 1.95 0.00	56.94 2.08 0.01	63.41 3.19 0.00	70.10 4.52 0.00	83.08 6.44 0.00	99.17 8.64 -5.90	105.17 8.87 -3.97	137.97 11.94 -14.50	174.76 13.22 -43.44	206.07 14.25 -66.79	183.18 14.36 -35.86	140.18 10.85 -18.72	103.74 8.02 -8.49	72.81 5.08 0.00	61.28 3.14 0.00	53.94 3.05 0.00

BARRETT_IC_6 23709	56.55 1.86 0.00	54.74 1.95 0.00	52.09 2.25 0.00	50.96 2.05 0.00	49.47 1.67 0.00	47.99 1.53 0.00	49.96 1.69 0.00	52.53 2.26 0.00	54.56 1.95 0.00	56.94 2.08 0.01	63.41 3.19 0.00	70.10 4.52 0.00	83.08 6.44 0.00	99.17 8.64 -5.90	105.17 8.87 -3.97	137.97 11.94 -14.50	174.76 13.22 -43.44	206.07 14.25 -66.79	183.18 14.36 -35.86	140.18 10.85 -18.72	103.74 8.02 -8.49	72.81 5.08 0.00	61.28 3.14 0.00	53.94 3.05 0.00
BARRETT_IC_7 23710	56.71 2.02 0.00	54.95 2.16 0.00	52.24 2.39 0.00	50.97 2.05 0.00	49.52 1.72 0.00	48.04 1.58 0.00	50.10 1.83 0.00	52.53 2.26 0.00	54.71 2.10 0.00	56.94 2.08 0.01	63.42 3.19 0.00	70.11 4.53 0.00	83.00 6.36 0.00	99.16 8.63 -5.90	105.54 9.23 -3.97	137.98 11.93 -14.50	174.77 13.23 -43.45	206.21 14.38 -66.80	183.14 14.36 -35.83	140.26 10.95 -18.69	103.83 8.11 -8.49	72.81 5.08 0.00	61.22 3.08 0.00	54.50 3.61 0.00
BARRETT_IC_8 23711	56.55 1.86 0.00	54.74 1.95 0.00	52.09 2.25 0.00	50.96 2.05 0.00	49.47 1.67 0.00	47.99 1.53 0.00	49.96 1.69 0.00	52.53 2.26 0.00	54.56 1.95 0.00	56.94 2.08 0.01	63.41 3.19 0.00	70.10 4.52 0.00	83.08 6.44 0.00	99.17 8.64 -5.90	105.17 8.87 -3.97	137.97 11.94 -14.50	174.76 13.22 -43.44	206.07 14.25 -66.79	183.18 14.36 -35.86	140.18 10.85 -18.72	103.74 8.02 -8.49	72.81 5.08 0.00	61.28 3.14 0.00	53.94 3.05 0.00
BARRETT_IC_9 23700	56.55 1.86 0.00	54.74 1.95 0.00	52.09 2.25 0.00	50.96 2.05 0.00	49.47 1.67 0.00	47.99 1.53 0.00	49.96 1.69 0.00	52.53 2.26 0.00	54.56 1.95 0.00	56.94 2.08 0.01	63.41 3.19 0.00	70.10 4.52 0.00	83.08 6.44 0.00	99.17 8.64 -5.90	105.17 8.87 -3.97	137.97 11.94 -14.50	174.76 13.22 -43.44	206.07 14.25 -66.79	183.18 14.36 -35.86	140.18 10.85 -18.72	103.74 8.02 -8.49	72.81 5.08 0.00	61.28 3.14 0.00	53.94 3.05 0.00
BARRETT___1 23545	56.55 1.86 0.00	54.74 1.95 0.00	52.09 2.25 0.00	50.96 2.05 0.00	49.47 1.67 0.00	47.99 1.53 0.00	49.96 1.69 0.00	52.53 2.26 0.00	54.56 1.95 0.00	56.94 2.08 0.01	63.41 3.19 0.00	70.10 4.52 0.00	83.08 6.44 0.00	99.17 8.64 -5.90	105.17 8.87 -3.97	137.97 11.94 -14.50	174.76 13.22 -43.44	206.07 14.25 -66.79	183.18 14.36 -35.86	140.18 10.85 -18.72	103.74 8.02 -8.49	72.81 5.08 0.00	61.28 3.14 0.00	53.94 3.05 0.00
BARRETT___2 23546	56.55 1.86 0.00	54.74 1.95 0.00	52.09 2.25 0.00	50.96 2.05 0.00	49.47 1.67 0.00	47.99 1.53 0.00	49.96 1.69 0.00	52.53 2.26 0.00	54.56 1.95 0.00	56.94 2.08 0.01	63.41 3.19 0.00	70.10 4.52 0.00	83.08 6.44 0.00	99.17 8.64 -5.90	105.17 8.87 -3.97	137.97 11.94 -14.50	174.76 13.22 -43.44	206.07 14.25 -66.79	183.18 14.36 -35.86	140.18 10.85 -18.72	103.74 8.02 -8.49	72.81 5.08 0.00	61.28 3.14 0.00	53.94 3.05 0.00
BATAVIA___115KV_TB1 55881	51.31 -2.08 1.30	48.45 -2.80 1.54	46.53 -2.64 0.68	45.96 -2.49 0.45	45.16 -2.63 0.01	42.78 -2.69 0.99	42.67 -2.41 3.19	44.55 -1.91 3.80	44.37 -1.53 6.71	48.53 -1.54 4.80	53.47 -1.93 4.83	58.26 -1.84 5.49	66.56 -3.45 6.63	70.31 -3.55 10.76	76.86 -4.25 11.22	89.29 -5.58 16.67	95.11 -6.38 16.60	97.01 -7.50 20.52	105.39 -7.45 20.12	92.54 -4.98 13.10	73.24 -4.36 9.63	59.54 -2.71 5.48	52.20 -2.91 3.04	46.16 -2.80 1.93
BAYONEEC___CTG1 323682	56.88 2.19 0.00	54.79 2.01 0.00	51.49 1.64 0.00	50.33 1.42 0.00	49.19 1.39 0.00	48.09 1.63 0.00	50.20 1.93 0.00	52.88 2.61 0.00	55.50 2.89 0.00	58.32 3.46 0.00	64.26 4.04 0.00	69.58 4.00 0.00	82.54 5.90 0.00	92.75 8.13 0.00	100.83 8.49 -0.01	124.26 11.71 -1.02	147.04 12.99 -15.96	164.40 14.12 -25.25	149.78 13.83 -3.00	123.72 10.17 -2.93	94.29 7.06 0.00	71.79 4.06 0.00	62.10 3.96 0.00	54.15 3.26 0.00
BAYONEEC___CTG10 323750	56.88 2.19 0.00	54.79 2.01 0.00	51.49 1.64 0.00	50.33 1.42 0.00	49.19 1.39 0.00	48.09 1.63 0.00	50.20 1.93 0.00	52.88 2.61 0.00	55.50 2.89 0.00	58.32 3.46 0.00	64.26 4.04 0.00	69.58 4.00 0.00	82.54 5.90 0.00	92.75 8.13 0.00	100.83 8.49 -0.01	124.26 11.71 -1.02	147.04 12.99 -15.96	164.40 14.12 -25.25	149.78 13.83 -3.00	123.72 10.17 -2.93	94.29 7.06 0.00	71.79 4.06 0.00	62.10 3.96 0.00	54.15 3.26 0.00
BAYONEEC___CTG2 323683	56.88 2.19 0.00	54.79 2.01 0.00	51.49 1.64 0.00	50.33 1.42 0.00	49.19 1.39 0.00	48.09 1.63 0.00	50.20 1.93 0.00	52.88 2.61 0.00	55.50 2.89 0.00	58.32 3.46 0.00	64.26 4.04 0.00	69.58 4.00 0.00	82.54 5.90 0.00	92.75 8.13 0.00	100.83 8.49 -0.01	124.26 11.71 -1.02	147.04 12.99 -15.96	164.40 14.12 -25.25	149.78 13.83 -3.00	123.72 10.17 -2.93	94.29 7.06 0.00	71.79 4.06 0.00	62.10 3.96 0.00	54.15 3.26 0.00
BAYONEEC___CTG3 323684	56.88 2.19 0.00	54.79 2.01 0.00	51.49 1.64 0.00	50.33 1.42 0.00	49.19 1.39 0.00	48.09 1.63 0.00	50.20 1.93 0.00	52.88 2.61 0.00	55.50 2.89 0.00	58.32 3.46 0.00	64.26 4.04 0.00	69.58 4.00 0.00	82.54 5.90 0.00	92.75 8.13 0.00	100.83 8.49 -0.01	124.26 11.71 -1.02	147.04 12.99 -15.96	164.40 14.12 -25.25	149.78 13.83 -3.00	123.72 10.17 -2.93	94.29 7.06 0.00	71.79 4.06 0.00	62.10 3.96 0.00	54.15 3.26 0.00
BAYONEEC___CTG4 323685	56.88 2.19 0.00	54.79 2.01 0.00	51.49 1.64 0.00	50.33 1.42 0.00	49.19 1.39 0.00	48.09 1.63 0.00	50.20 1.93 0.00	52.88 2.61 0.00	55.50 2.89 0.00	58.32 3.46 0.00	64.26 4.04 0.00	69.58 4.00 0.00	82.54 5.90 0.00	92.75 8.13 0.00	100.83 8.49 -0.01	124.26 11.71 -1.02	147.04 12.99 -15.96	164.40 14.12 -25.25	149.78 13.83 -3.00	123.72 10.17 -2.93	94.29 7.06 0.00	71.79 4.06 0.00	62.10 3.96 0.00	54.15 3.26 0.00
BAYONEEC___CTG5 323686	56.88 2.19 0.00	54.79 2.01 0.00	51.49 1.64 0.00	50.33 1.42 0.00	49.19 1.39 0.00	48.09 1.63 0.00	50.20 1.93 0.00	52.88 2.61 0.00	55.50 2.89 0.00	58.32 3.46 0.00	64.26 4.04 0.00	69.58 4.00 0.00	82.54 5.90 0.00	92.75 8.13 0.00	100.83 8.49 -0.01	124.26 11.71 -1.02	147.04 12.99 -15.96	164.40 14.12 -25.25	149.78 13.83 -3.00	123.72 10.17 -2.93	94.29 7.06 0.00	71.79 4.06 0.00	62.10 3.96 0.00	54.15 3.26 0.00
BAYONEEC___CTG6 323687	56.88 2.19 0.00	54.79 2.01 0.00	51.49 1.64 0.00	50.33 1.42 0.00	49.19 1.39 0.00	48.09 1.63 0.00	50.20 1.93 0.00	52.88 2.61 0.00	55.50 2.89 0.00	58.32 3.46 0.00	64.26 4.04 0.00	69.58 4.00 0.00	82.54 5.90 0.00	92.75 8.13 0.00	100.83 8.49 -0.01	124.26 11.71 -1.02	147.04 12.99 -15.96	164.40 14.12 -25.25	149.78 13.83 -3.00	123.72 10.17 -2.93	94.29 7.06 0.00	71.79 4.06 0.00	62.10 3.96 0.00	54.15 3.26 0.00
BAYONEEC___CTG7 323688	56.88 2.19 0.00	54.79 2.01 0.00	51.49 1.64 0.00	50.33 1.42 0.00	49.19 1.39 0.00	48.09 1.63 0.00	50.20 1.93 0.00	52.88 2.61 0.00	55.50 2.89 0.00	58.32 3.46 0.00	64.26 4.04 0.00	69.58 4.00 0.00	82.54 5.90 0.00	92.75 8.13 0.00	100.83 8.49 -0.01	124.26 11.71 -1.02	147.04 12.99 -15.96	164.40 14.12 -25.25	149.78 13.83 -3.00	123.72 10.17 -2.93	94.29 7.06 0.00	71.79 4.06 0.00	62.10 3.96 0.00	54.15 3.26 0.00

BAYONEEC___CTG8 323689	56.88 2.19 0.00	54.79 2.01 0.00	51.49 1.64 0.00	50.33 1.42 0.00	49.19 1.39 0.00	48.09 1.63 0.00	50.20 1.93 0.00	52.88 2.61 0.00	55.50 2.89 0.00	58.32 3.46 0.00	64.26 4.04 0.00	69.58 4.00 0.00	82.54 5.90 0.00	92.75 8.13 0.00	100.83 8.49 -0.01	124.26 11.71 -1.02	147.04 12.99 -15.96	164.40 14.12 -25.25	149.78 13.83 -3.00	123.72 10.17 -2.93	94.29 7.06 0.00	71.79 4.06 0.00	62.10 3.96 0.00	54.15 3.26 0.00
BAYONEEC___CTG9 323749	56.88 2.19 0.00	54.79 2.01 0.00	51.49 1.64 0.00	50.33 1.42 0.00	49.19 1.39 0.00	48.09 1.63 0.00	50.20 1.93 0.00	52.88 2.61 0.00	55.50 2.89 0.00	58.32 3.46 0.00	64.26 4.04 0.00	69.58 4.00 0.00	82.54 5.90 0.00	92.75 8.13 0.00	100.83 8.49 -0.01	124.26 11.71 -1.02	147.04 12.99 -15.96	164.40 14.12 -25.25	149.78 13.83 -3.00	123.72 10.17 -2.93	94.29 7.06 0.00	71.79 4.06 0.00	62.10 3.96 0.00	54.15 3.26 0.00
BAYPORT_69_KV_BK 2 356364	58.03 3.34 -0.01	56.21 3.43 0.00	53.69 3.84 0.00	52.24 3.33 0.00	50.62 2.82 0.00	48.78 2.32 0.00	50.88 2.61 0.00	53.53 3.27 0.00	55.71 3.10 0.00	57.87 3.02 0.01	65.78 4.40 -1.15	71.95 6.36 -0.01	89.25 8.43 -4.18	101.78 11.26 -5.89	122.05 12.65 -17.06	165.05 16.28 -37.23	315.91 17.95 -179.87	292.40 19.25 -148.12	233.15 19.54 -80.66	177.53 15.26 -51.65	142.71 11.08 -44.41	94.43 7.11 -19.59	66.32 4.48 -3.70	56.45 5.29 -0.27
BEACON___LESR 323632	36.61 1.20 19.28	32.26 1.32 21.84	35.44 1.19 15.61	36.38 1.03 13.55	48.52 0.91 0.19	47.39 0.93 0.00	49.18 0.91 0.00	51.02 0.76 0.00	53.13 0.53 0.00	55.35 0.49 0.00	60.95 0.73 0.00	66.57 0.99 0.00	78.02 1.38 0.00	86.92 2.29 0.00	95.29 2.95 0.00	95.36 4.01 20.18	54.38 4.73 68.44	56.43 5.01 73.61	79.97 5.18 58.16	58.15 4.31 56.77	72.95 3.14 17.41	69.62 1.89 0.00	57.83 1.51 1.82	52.47 1.58 0.00
BEAVER RIVER___HYD 24048	56.53 1.31 -0.53	54.76 1.32 -0.66	51.86 1.25 -0.77	50.89 1.27 -0.71	50.09 1.39 -0.90	48.24 1.39 -0.39	50.42 1.50 -0.66	52.19 1.51 -0.42	54.58 1.47 -0.50	56.61 1.10 -0.65	61.77 0.84 -0.70	66.79 0.59 -0.62	77.56 -0.15 -1.07	85.33 -0.50 -1.21	92.44 -0.74 -0.84	112.72 -1.22 -2.41	118.25 -2.01 -2.17	125.72 -1.49 -2.19	136.15 0.00 -3.20	112.30 0.22 -1.47	87.75 0.53 0.00	68.27 0.54 0.00	58.55 0.41 0.00	51.40 0.51 0.00
BEEBEE_GT_13 23619	52.26 -1.04 1.39	49.85 -1.64 1.30	47.68 -1.60 0.58	46.96 -1.47 0.48	46.02 -1.77 0.01	43.78 -1.86 0.82	44.82 -2.12 1.33	46.45 -1.81 2.01	48.30 -1.42 2.89	51.53 -1.32 2.01	56.17 -1.51 2.55	60.96 -1.31 3.31	69.81 -2.45 4.37	75.96 -2.54 6.13	81.64 -2.95 7.74	98.71 -3.68 9.14	105.26 -4.13 8.70	110.13 -5.38 9.52	119.22 -3.98 8.28	97.91 -3.49 8.73	75.73 -2.03 8.01	61.10 -1.63 4.60	53.44 -1.73 3.07	47.09 2.06 2.06
BENSHRST_27_KV_BENSHRST_1 355998	57.76 3.06 -0.01	55.64 2.85 -0.01	52.30 2.44 -0.01	51.07 2.15 -0.01	49.91 2.10 -0.01	48.84 2.37 -0.01	51.03 2.75 -0.01	53.59 3.32 -0.01	56.30 3.68 -0.01	59.09 4.22 -0.01	65.23 5.00 -0.01	70.50 4.92 0.00	83.61 6.97 0.00	94.20 9.56 -0.01	102.44 10.06 -0.04	126.08 13.38 -1.16	231.82 14.64 -99.09	166.14 15.88 -25.24	151.87 15.95 -2.97	125.57 12.06 -2.90	95.60 8.37 0.00	72.74 5.01 0.00	62.92 4.77 -0.01	54.86 3.97 -0.01
BETHLEHEM___GRP 23843	45.30 0.44 9.83	42.23 0.58 11.13	42.39 0.50 7.96	42.39 0.39 6.91	48.04 0.33 0.10	46.79 0.33 0.00	48.51 0.24 0.00	50.27 0.00 0.00	52.34 -0.26 0.00	54.58 -0.27 0.00	60.10 -0.12 0.00	65.52 -0.07 0.00	76.79 0.15 0.00	85.56 0.93 0.00	93.81 1.48 0.00	102.39 1.90 11.04	83.01 2.36 37.44	87.36 2.63 40.30	103.47 2.53 32.00	81.59 2.21 31.24	79.92 1.57 8.88	68.34 0.61 0.00	57.91 0.70 0.93	51.55 0.66 0.00
BETHLEHEM___GS1 323560	45.30 0.44 9.83	42.23 0.58 11.13	42.39 0.50 7.96	42.39 0.39 6.91	47.99 0.29 0.10	46.74 0.28 0.00	48.46 0.19 0.00	50.27 0.00 0.00	52.35 -0.26 0.00	54.59 -0.27 0.00	60.10 -0.12 0.00	65.52 -0.07 0.00	76.79 0.15 0.00	85.48 0.85 0.00	93.63 1.29 0.00	102.39 1.89 11.04	83.01 2.36 37.44	87.36 2.63 40.30	103.79 2.52 31.68	81.90 2.21 30.92	79.92 1.57 8.88	68.33 0.61 0.00	57.80 0.58 0.93	51.65 0.76 0.00
BETHLEHEM___GS2 323561	45.30 0.44 9.83	42.23 0.58 11.13	42.39 0.50 7.96	42.39 0.39 6.91	47.99 0.29 0.10	46.74 0.28 0.00	48.46 0.19 0.00	50.27 0.00 0.00	52.35 -0.26 0.00	54.59 -0.27 0.00	60.10 -0.12 0.00	65.52 -0.07 0.00	76.79 0.15 0.00	85.48 0.85 0.00	93.63 1.29 0.00	102.39 1.89 11.04	83.01 2.36 37.44	87.36 2.63 40.30	103.79 2.52 31.68	81.90 2.21 30.92	79.92 1.57 8.88	68.33 0.61 0.00	57.80 0.58 0.93	51.65 0.76 0.00
BETHLEHEM___GS3 323562	45.30 0.44 9.83	42.23 0.58 11.13	42.39 0.50 7.96	42.39 0.39 6.91	47.99 0.29 0.10	46.74 0.28 0.00	48.46 0.19 0.00	50.27 0.00 0.00	52.35 -0.26 0.00	54.59 -0.27 0.00	60.10 -0.12 0.00	65.52 -0.07 0.00	76.79 0.15 0.00	85.48 0.85 0.00	93.63 1.29 0.00	102.39 1.89 11.04	83.01 2.36 37.44	87.36 2.63 40.30	103.79 2.52 31.68	81.90 2.21 30.92	79.92 1.57 8.88	68.33 0.61 0.00	57.80 0.58 0.93	51.65 0.76 0.00
BETHLEHEM___STEEL 23779	50.16 -3.34 1.19	47.00 -4.01 1.77	45.28 -3.79 0.78	44.83 -3.67 0.41	44.59 -3.20 0.01	42.01 -3.30 1.15	40.40 -2.85 5.02	42.34 -2.36 5.57	40.28 -1.84 10.48	45.50 -1.81 7.55	51.05 -2.11 7.07	55.97 -2.03 7.58	64.54 -3.30 8.80	67.19 -3.64 13.80	74.66 -4.16 13.51	85.00 -5.69 20.85	90.34 -6.85 20.90	90.65 -8.13 26.25	98.75 -8.11 26.09	89.53 -5.75 15.33	71.38 -4.71 11.13	57.07 -4.33 6.32	50.76 -4.42 2.96	45.15 -3.97 1.76
BETHLHEM_115KV_TB1 79974	45.97 0.49 9.21	43.03 0.69 10.44	42.99 0.60 7.46	42.92 0.49 6.48	48.14 0.43 0.09	46.88 0.42 0.00	48.61 0.34 0.00	50.37 0.10 0.00	52.50 -0.11 0.00	54.75 -0.11 0.00	60.23 0.00 0.00	65.71 0.13 0.00	77.02 0.38 0.00	85.73 1.10 0.00	94.00 1.66 0.00	103.43 2.23 10.34	85.64 2.60 35.05	90.18 2.88 37.72	105.92 2.92 29.96	83.81 2.43 29.24	80.65 1.74 8.32	68.54 0.81 0.00	58.09 0.81 0.87	51.65 0.76 0.00
BETHPAGE_CC_5 323564	56.65 1.97 0.00	54.84 2.06 0.00	52.34 2.49 0.00	51.16 2.25 0.00	49.66 1.86 0.00	48.09 1.63 0.00	50.15 1.88 0.00	52.78 2.51 0.00	54.82 2.21 0.00	57.16 2.30 0.01	63.71 3.31 -0.18	70.37 4.78 0.00	83.46 6.82 0.00	99.67 9.14 -5.90	106.46 9.98 -4.16	139.73 13.38 -14.81	179.42 14.88 -46.45	209.33 16.14 -68.17	185.60 16.08 -36.57	142.20 12.28 -19.31	105.30 8.72 -9.35	73.60 5.42 -0.45	61.49 3.25 -0.09	54.25 3.36 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	50.12 -3.39 1.18	46.98 -4.06 1.74	45.25 -3.84 0.76	44.73 -3.77 0.41	44.69 -3.11 0.01	42.17 -3.16 1.13	40.84 -2.51 4.92	42.80 -2.01 5.46	40.87 -1.47 10.26	46.04 -1.43 7.39	51.61 -1.69 6.93	56.64 -1.51 7.44	65.31 -2.68 8.64	68.29 -2.96 13.38	75.69 -3.42 13.23	86.45 -4.80 20.29	91.74 -6.02 20.32	92.44 -7.13 25.46	100.65 -7.05 25.25	90.62 -4.98 15.02	72.25 -4.01 10.97	57.30 -4.20 6.23	50.74 -4.48 2.93	45.07 -4.07 1.75

BINGHAMTON___COGEN 23790	54.81 -0.05 -0.18	52.96 -0.26 -0.44	50.23 -0.25 -0.63	49.11 -0.34 -0.54	48.53 -0.10 -0.83	46.68 -0.05 -0.26	49.62 0.24 -1.11	51.40 0.40 -0.73	54.66 0.58 -1.47	56.92 0.71 -1.35	62.09 0.78 -1.08	67.37 0.98 -0.81	78.76 1.07 -1.05	88.04 1.69 -1.71	95.17 2.12 -0.72	117.64 2.45 -3.65	123.91 2.13 -3.69	131.94 2.00 -4.91	141.68 2.26 -6.47	113.96 1.99 -1.36	87.68 1.40 0.94	67.50 0.34 0.56	57.41 -0.12 0.62	50.17 -0.25 0.46
BIXINCNT_115KV_LOAD 355685	49.56 -3.99 1.14	46.45 -4.70 1.63	44.59 -4.54 0.72	44.11 -4.40 0.40	44.45 -3.35 0.01	42.15 -3.25 1.06	41.61 -2.17 4.49	43.60 -1.66 5.01	42.13 -1.10 9.38	47.02 -1.10 6.75	52.66 -1.20 6.36	57.74 -0.98 6.86	66.49 -2.15 8.00	70.22 -2.20 12.21	77.49 -2.59 12.26	89.15 -3.79 18.59	94.19 -5.31 18.59	95.97 -5.88 23.18	104.33 -5.72 22.90	92.60 -4.09 13.92	73.63 -3.31 10.28	57.35 -4.54 5.84	50.11 -5.23 2.80	44.57 -4.63 1.68
BLACK RIVER___HYD 24047	58.16 2.57 -0.90	56.33 2.43 -1.12	53.45 2.29 -1.31	52.36 2.25 -1.20	51.67 2.34 -1.53	49.49 2.37 -0.66	51.84 2.46 -1.11	53.54 2.56 -0.71	56.09 2.63 -0.85	58.21 2.25 -1.11	63.58 2.16 -1.19	68.67 2.04 -1.05	79.84 1.38 -1.83	88.21 1.52 -2.06	95.24 1.47 -1.43	116.97 1.34 -4.09	122.37 0.59 -3.68	130.25 1.51 -3.72	141.85 3.45 -5.45	116.54 3.43 -2.50	90.19 2.97 0.00	70.10 2.37 0.00	60.00 1.86 0.00	52.47 1.58 0.00
BLACKRVR_115KV_TB2 79977	58.11 2.52 -0.90	56.33 2.43 -1.12	53.40 2.24 -1.31	52.36 2.25 -1.20	51.67 2.34 -1.53	49.49 2.37 -0.66	51.85 2.46 -1.11	53.55 2.56 -0.71	56.09 2.63 -0.85	58.16 2.19 -1.11	63.59 2.17 -1.19	68.66 2.03 -1.05	79.84 1.38 -1.83	88.12 1.44 -2.06	95.24 1.48 -1.43	116.96 1.34 -4.09	122.36 0.59 -3.68	130.25 1.50 -3.72	141.85 3.46 -5.45	116.54 3.43 -2.50	90.19 2.97 0.00	70.10 2.37 0.00	60.00 1.86 0.00	52.46 1.58 0.00
BLISS_WT_PWR 323608	49.51 -4.05 1.14	46.03 -5.12 1.63	44.30 -4.83 0.72	44.21 -4.30 0.40	44.16 -3.63 0.01	41.82 -3.58 1.06	41.42 -2.36 4.49	43.40 -1.86 5.01	41.92 -1.31 9.38	46.74 -1.37 6.75	52.36 -1.50 6.36	57.48 -1.25 6.86	66.18 -2.46 8.00	69.88 -2.54 12.21	77.12 -2.96 12.26	88.59 -4.35 18.59	93.72 -5.78 18.59	95.22 -6.63 23.18	103.93 -6.11 22.90	91.94 -4.75 13.92	71.18 -5.76 10.28	57.01 -4.88 5.84	50.11 -5.23 2.80	44.27 -4.94 1.68
BLUESTONE___WT_PWR 323821	57.27 2.40 -0.18	55.33 2.11 -0.43	52.42 2.00 -0.57	51.35 1.96 -0.48	50.62 2.10 -0.72	48.81 2.09 -0.26	51.91 2.51 -1.13	53.74 2.66 -0.81	57.13 2.89 -1.63	59.14 2.85 -1.43	64.52 3.13 -1.17	70.05 3.54 -0.93	81.57 3.75 -1.17	91.49 4.91 -1.96	99.00 5.63 -1.03	121.91 6.47 -3.90	128.06 6.02 -3.96	135.53 5.25 -5.25	146.24 6.64 -6.65	117.47 5.20 -1.66	90.08 3.40 0.55	69.49 2.10 0.34	58.88 1.22 0.48	51.23 0.71 0.37
BLUE_CIRC_CHEM_DRP 24182	46.40 1.15 9.44	43.41 1.32 10.69	43.45 1.25 7.64	43.45 1.17 6.64	48.81 1.10 0.09	47.44 0.98 0.00	49.19 0.92 0.00	50.92 0.65 0.00	52.03 -0.58 0.00	54.15 -0.71 0.00	59.50 -0.72 0.00	64.86 -0.72 0.00	76.02 -0.61 0.00	84.63 0.00 0.00	92.80 0.46 0.00	102.33 0.89 10.10	85.13 1.30 34.25	89.94 1.75 36.84	105.55 1.86 29.26	83.82 1.77 28.56	79.92 1.22 8.53	68.13 0.41 0.00	57.78 0.52 0.89	52.36 1.48 0.00
BOC_GAS_DRP 24189	49.23 0.60 6.06	46.66 0.74 6.86	45.64 0.70 4.90	45.34 0.68 4.26	48.36 0.62 0.06	47.02 0.56 0.00	48.80 0.53 0.00	50.67 0.40 0.00	52.87 0.26 0.00	55.19 0.33 0.00	60.71 0.48 0.00	66.11 0.52 0.00	77.56 0.92 0.00	86.24 1.61 0.00	94.46 2.12 0.00	107.50 2.68 6.71	98.28 2.95 22.76	103.78 3.25 24.50	116.68 3.19 19.46	94.28 2.65 18.99	83.68 1.92 5.47	68.67 0.95 0.00	58.56 0.99 0.57	51.85 0.97 0.00
BOONVILLE_115KV_TB1 79983	56.26 1.31 -0.26	54.37 1.27 -0.32	51.37 1.15 -0.38	50.38 1.12 -0.35	49.44 1.19 -0.44	47.86 1.21 -0.19	49.85 1.26 -0.32	51.78 1.31 -0.21	54.22 1.37 -0.25	56.38 1.21 -0.32	61.71 1.14 -0.34	67.07 1.18 -0.30	78.08 0.92 -0.53	86.24 1.02 -0.59	93.95 1.20 -0.41	113.83 1.12 -1.18	119.86 0.71 -1.06	127.23 1.13 -1.07	136.51 1.99 -1.57	112.99 1.66 -0.72	88.62 1.40 0.00	68.74 1.02 0.00	58.90 0.76 0.00	51.60 0.71 0.00
BORALEX_4TH_BRANCH 23824	67.13 2.46 -9.98	66.58 2.48 -11.31	60.27 2.34 -8.08	58.18 2.25 -7.02	50.05 2.15 -0.10	48.27 1.81 0.00	50.15 1.88 0.00	51.98 1.71 0.00	54.19 1.58 0.00	56.50 1.65 0.00	61.97 1.75 0.00	67.55 1.97 0.00	78.94 2.30 0.00	87.76 3.13 0.00	96.58 4.25 0.00	123.75 5.13 -7.09	147.91 5.79 -24.03	156.92 6.25 -25.64	159.82 6.51 -20.36	136.68 6.19 -19.87	101.04 4.80 -9.02	70.71 2.98 0.00	62.05 2.97 -0.94	53.38 2.49 0.00
BOWLINE___1 23526	56.16 1.48 0.00	54.15 1.37 0.00	51.04 1.19 0.00	49.94 1.03 0.00	48.76 0.96 0.00	47.57 1.11 0.00	49.62 1.35 0.00	52.07 1.81 0.00	54.61 2.00 0.00	57.27 2.41 0.00	63.24 3.01 0.00	68.80 3.21 0.00	81.31 4.68 0.00	91.23 6.61 0.00	99.54 7.21 0.00	122.28 9.82 -0.93	151.80 10.86 -22.85	174.14 11.88 -37.23	147.43 8.74 -2.78	122.06 7.74 -2.71	93.33 6.10 0.00	71.11 3.38 0.00	61.05 2.91 0.00	53.23 2.34 0.00
BOWLINE___2 23595	56.22 1.53 0.00	54.26 1.48 0.00	51.10 1.25 0.00	49.99 1.07 0.00	48.81 1.01 0.00	47.62 1.16 0.00	49.67 1.40 0.00	52.13 1.86 0.00	54.66 2.05 0.00	57.33 2.47 0.00	63.30 3.07 0.00	68.86 3.28 0.00	81.39 4.75 0.00	91.31 6.68 0.00	99.63 7.29 0.00	122.51 10.04 -0.93	151.94 11.10 -22.76	174.10 12.00 -37.07	147.70 11.97 -2.78	122.28 8.96 -2.71	93.42 6.19 0.00	71.18 3.45 0.00	61.16 3.02 0.00	53.33 2.44 0.00
BRADY___115KV_TB2 356060	55.01 0.33 0.00	53.21 0.42 0.00	50.25 0.40 0.00	49.50 0.59 0.00	48.42 0.62 0.00	47.11 0.65 0.00	48.85 0.58 0.00	50.57 0.30 0.00	52.61 0.00 0.00	54.53 -0.33 0.00	59.56 -0.66 0.00	64.60 -0.98 0.00	75.34 -1.30 0.00	82.09 -2.54 0.00	89.01 -3.32 0.00	107.19 -4.35 0.00	113.25 -4.84 0.00	120.53 -4.50 0.00	129.36 -3.59 0.00	108.29 -2.32 0.00	85.83 -1.40 0.00	67.39 -0.34 0.00	57.68 -0.47 0.00	50.78 -0.10 0.00
BRANSCOMB___SOLAR 323811	64.64 2.40 -7.55	63.87 2.53 -8.55	58.35 2.39 -6.11	56.42 2.20 -5.31	49.97 2.10 -0.07	48.50 2.04 0.00	50.39 2.12 0.00	52.18 1.91 0.00	54.29 1.68 0.00	56.34 1.48 0.00	61.91 1.68 0.00	67.68 2.10 0.00	79.25 2.61 0.00	88.35 3.72 0.00	96.86 4.52 0.00	123.31 6.02 -5.76	144.22 6.61 -19.52	153.16 7.25 -20.88	157.11 7.71 -16.45	133.20 6.52 -16.06	99.45 5.41 -6.82	71.52 3.79 0.00	62.05 3.20 -0.71	53.53 2.64 0.00
BRDGHMPT_69_KV_BK1 55812	59.02 4.32 -0.01	56.90 4.12 0.00	54.38 4.54 0.00	52.87 3.96 0.00	51.10 3.30 0.00	48.92 2.46 0.00	50.97 2.70 0.00	53.89 3.62 0.00	56.45 3.84 0.00	58.91 4.06 0.01	67.30 6.08 -0.99	74.05 8.46 -0.01	92.34 11.11 -4.59	104.74 14.22 -5.89	126.77 15.97 -18.47	171.39 20.19 -39.66	335.09 21.85 -195.16	304.01 22.01 -156.98	241.60 23.13 -85.51	184.12 18.25 -55.25	149.04 13.35 -48.47	98.53 9.01 -21.80	68.01 5.76 -4.11	57.40 6.21 -0.30

BRENTWOD_69_KV_W. BRTWOOD 56703	57.31 2.62 0.00	55.63 2.85 0.00	53.19 3.34 0.00	51.85 2.93 0.00	50.24 2.44 0.00	48.55 2.09 0.00	50.68 2.41 0.00	53.18 2.92 0.00	55.24 2.63 0.00	57.27 2.41 0.01	66.64 3.61 -2.80	70.70 5.12 0.00	86.34 7.05 -2.65	99.91 9.39 -5.89	112.23 10.62 -9.28	149.42 13.94 -23.94	214.91 15.47 -81.35	237.83 16.63 -96.17	202.59 16.75 -52.89	153.80 12.94 -30.24	113.79 9.25 -17.32	78.72 5.89 -5.10	62.45 3.43 -0.87	55.53 4.58 -0.06
BRISTLHL_115KV_TB1 79998	56.89 -0.87 -3.08	55.16 -1.06 -3.43	52.30 -1.00 -3.45	51.00 -1.08 -3.17	50.37 -1.05 -3.62	47.55 -0.98 -2.06	50.31 -0.97 -3.01	51.89 -0.90 -2.53	54.60 -0.89 -2.88	57.16 -0.88 -3.18	63.08 -1.02 -3.88	68.54 -1.11 -4.07	81.77 -1.46 -6.59	91.01 -1.35 -7.73	98.58 -1.29 -7.53	123.71 -1.45 -13.62	128.58 -1.77 -12.26	134.81 -2.25 -12.03	145.76 -2.26 -15.07	119.33 -1.77 -10.48	90.59 -1.48 -4.84	69.16 -1.35 -2.79	59.07 -1.10 -2.03	51.26 -1.02 -1.39
BROOKHAVEN___DRP 24191	57.48 2.79 -0.01	55.74 2.96 0.00	53.24 3.39 0.00	51.75 2.84 0.00	50.14 2.34 0.00	48.23 1.77 0.00	50.25 1.98 0.00	52.93 2.66 0.00	55.08 2.47 0.00	57.21 2.36 0.01	64.65 3.43 -0.99	70.84 5.25 -0.01	88.43 7.20 -4.58	100.34 9.82 -5.89	121.73 10.99 -18.41	165.26 14.17 -39.56	327.90 15.47 -194.34	298.11 16.50 -156.58	235.27 17.02 -85.30	179.19 13.50 -55.08	145.41 9.94 -48.24	95.77 6.37 -21.68	66.07 3.84 -4.09	55.97 4.78 -0.30
BROOKLYN_NAVY_YARD 23515	56.98 2.30 0.00	54.90 2.11 0.00	51.59 1.74 0.00	50.38 1.47 0.00	49.23 1.43 0.00	48.18 1.72 0.00	50.30 2.03 0.00	52.98 2.71 0.00	55.60 3.00 0.00	58.42 3.56 0.00	64.44 4.21 0.00	69.84 4.26 0.00	82.77 6.13 0.00	93.01 8.38 0.00	100.93 8.59 -0.01	124.49 11.94 -1.02	147.39 13.34 -15.96	164.77 14.50 -25.25	150.31 14.36 -3.00	124.17 10.62 -2.93	94.64 7.41 0.00	72.06 4.34 0.00	62.21 4.07 0.00	54.24 3.36 0.00
BROOKLYN___ARMY_DRP 323595	57.48 2.79 -0.01	55.38 2.59 -0.01	52.05 2.19 -0.01	50.83 1.91 -0.01	49.67 1.86 -0.01	48.61 2.14 -0.01	50.79 2.51 -0.01	53.29 3.02 -0.01	55.98 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.52 8.89 -0.01	101.70 9.33 -0.04	125.08 12.38 -1.16	230.88 13.70 -99.09	165.14 14.88 -25.24	150.68 14.76 -2.97	124.69 11.17 -2.90	94.90 7.68 0.00	72.26 4.54 0.00	62.57 4.42 -0.01	54.56 3.66 -0.01
BROOME_2_LFGE 323671	54.86 0.00 -0.18	52.96 -0.26 -0.44	50.18 -0.30 -0.63	49.16 -0.29 -0.54	48.53 -0.10 -0.83	46.68 -0.05 -0.26	49.67 0.29 -1.11	51.40 0.40 -0.73	54.66 0.58 -1.47	56.92 0.71 -1.35	62.09 0.78 -1.08	67.37 0.99 -0.81	78.76 1.07 -1.05	88.04 1.69 -1.71	95.08 2.03 -0.72	117.64 2.45 -3.65	123.91 2.13 -3.69	131.82 1.88 -4.91	141.68 2.26 -6.47	113.96 1.99 -1.36	87.24 0.96 0.94	67.50 0.34 0.56	57.46 -0.06 0.62	50.17 -0.25 0.46
BROOME___LFGE 323600	54.86 0.00 -0.18	52.96 -0.26 -0.44	50.18 -0.30 -0.63	49.16 -0.29 -0.54	48.53 -0.10 -0.83	46.68 -0.05 -0.26	49.67 0.29 -1.11	51.40 0.40 -0.73	54.66 0.58 -1.47	56.92 0.71 -1.35	62.09 0.78 -1.08	67.37 0.99 -0.81	78.76 1.07 -1.05	88.04 1.69 -1.71	95.08 2.03 -0.72	117.64 2.45 -3.65	123.91 2.13 -3.69	131.82 1.88 -4.91	141.68 2.26 -6.47	113.96 1.99 -1.36	87.24 0.96 0.94	67.50 0.34 0.56	57.46 -0.06 0.62	50.17 -0.25 0.46
BROWNFLS_115KV_TB_3_5 80003	55.32 0.27 -0.35	53.70 0.48 -0.44	50.76 0.40 -0.51	49.87 0.49 -0.47	49.02 0.62 -0.60	47.37 0.65 -0.26	49.58 0.87 -0.44	51.35 0.80 -0.28	53.68 0.74 -0.34	55.68 0.38 -0.43	60.75 0.06 -0.47	65.67 -0.33 -0.41	76.36 -1.00 -0.72	83.66 -1.78 -0.81	90.68 -2.22 -0.56	110.13 -3.01 -1.61	115.76 -3.78 -1.45	123.11 -3.38 -1.46	132.83 -2.26 -2.14	110.05 -1.55 -0.98	86.36 -0.87 0.00	67.39 -0.34 0.00	57.85 -0.29 0.00	50.89 0.00 0.00
BROWNSV1_27_KV_LOAD 356125	57.53 2.84 0.00	55.37 2.59 0.00	52.04 2.19 0.00	50.87 1.96 0.00	49.66 1.86 0.00	48.60 2.14 0.00	50.78 2.51 0.00	53.38 3.12 0.00	56.13 3.52 0.00	58.92 4.06 0.00	64.98 4.76 0.00	70.50 4.92 0.00	83.54 6.90 0.00	94.02 9.39 0.00	102.50 10.16 -0.01	125.94 13.38 -1.02	148.81 14.76 -15.96	166.28 16.00 -25.25	151.87 15.95 -2.96	125.56 12.06 -2.89	95.69 8.46 0.00	72.74 5.01 0.00	62.74 4.59 0.00	54.60 3.71 0.00
BURROWS___LYONSDAL 23803	56.26 1.26 -0.31	54.39 1.21 -0.39	51.40 1.10 -0.45	50.45 1.12 -0.42	49.53 1.19 -0.53	47.90 1.21 -0.23	49.91 1.26 -0.39	51.82 1.31 -0.25	54.27 1.37 -0.30	56.34 1.10 -0.38	61.60 0.96 -0.41	66.86 0.92 -0.36	77.81 0.54 -0.63	85.77 0.42 -0.71	93.39 0.55 -0.50	113.29 0.33 -1.42	119.13 -0.24 -1.28	126.57 0.25 -1.29	136.04 1.20 -1.89	112.48 1.00 -0.87	88.19 0.96 0.00	68.40 0.68 0.00	58.67 0.52 0.00	51.45 0.56 0.00
CAITHNESS_CC_1 323624	56.99 2.30 -0.01	55.26 2.48 0.00	52.89 3.04 0.00	51.55 2.64 0.00	49.95 2.15 0.00	48.04 1.58 0.00	50.06 1.79 0.00	52.78 2.51 0.00	54.77 2.16 0.00	56.94 2.08 0.01	64.41 3.19 -1.00	70.51 4.92 -0.01	88.19 6.97 -4.58	99.91 9.39 -5.89	120.93 10.25 -18.35	164.60 13.60 -39.46	326.62 15.00 -193.53	297.21 16.01 -156.17	234.43 16.35 -85.13	178.40 12.83 -54.95	144.58 9.34 -48.02	95.24 5.96 -21.56	65.76 3.55 -4.07	54.90 3.71 -0.30
CALPINE BETH_PAGE_GT4 24209	56.87 2.19 0.00	55.11 2.32 0.00	52.44 2.59 0.00	51.16 2.25 0.00	49.66 1.86 0.00	48.18 1.72 0.00	50.30 2.03 0.00	52.78 2.51 0.00	54.97 2.37 0.00	57.21 2.36 0.01	63.61 3.25 -0.13	70.30 4.72 0.00	83.31 6.67 0.00	99.59 9.06 -5.90	106.60 10.16 -4.11	139.55 13.27 -14.74	178.60 14.76 -45.75	208.88 16.00 -67.85	185.27 15.95 -36.37	141.92 12.17 -19.13	105.01 8.64 -9.15	73.42 5.35 -0.35	61.41 3.20 -0.07	54.86 3.97 -0.01
CALPINE_BETH_PAGE_GT_4 323586	56.65 1.97 0.00	54.90 2.11 0.00	52.29 2.44 0.00	51.16 2.25 0.00	49.66 1.86 0.00	48.09 1.63 0.00	50.15 1.88 0.00	52.78 2.51 0.00	54.82 2.21 0.00	57.21 2.36 0.01	63.67 3.31 -0.13	70.31 4.72 0.00	83.38 6.75 0.00	99.59 9.06 -5.90	106.23 9.78 -4.11	139.54 13.27 -14.74	178.60 14.76 -45.75	208.76 15.88 -67.85	185.31 15.95 -36.41	141.85 12.06 -19.17	105.02 8.64 -9.15	73.42 5.35 -0.35	61.47 3.25 -0.07	54.25 3.36 -0.01
CALPINE_BP_GT1 23823	56.65 1.97 0.00	54.90 2.11 0.00	52.29 2.44 0.00	51.16 2.25 0.00	49.66 1.86 0.00	48.09 1.63 0.00	50.15 1.88 0.00	52.78 2.51 0.00	54.82 2.21 0.00	57.21 2.36 0.01	63.67 3.31 -0.13	70.31 4.72 0.00	83.38 6.75 0.00	99.59 9.06 -5.90	106.23 9.78 -4.11	139.54 13.27 -14.74	178.60 14.76 -45.75	208.76 15.88 -67.85	185.31 15.95 -36.41	141.85 12.06 -19.17	105.02 8.64 -9.15	73.42 5.35 -0.35	61.47 3.25 -0.07	54.25 3.36 -0.01
CALSPAN___DRP 24200	50.16 -3.34 1.19	47.00 -4.01 1.77	45.28 -3.79 0.78	44.83 -3.67 0.41	44.59 -3.20 0.01	42.01 -3.30 1.15	40.40 -2.85 5.02	42.34 -2.36 5.57	40.28 -1.84 10.48	45.50 -1.81 7.55	51.05 -2.11 7.07	55.97 -2.03 7.58	64.54 -3.30 8.80	67.19 -3.64 13.80	74.66 -4.16 13.51	85.00 -5.69 20.85	90.34 -6.85 20.90	90.65 -8.13 26.25	98.75 -8.11 26.09	89.53 -5.75 15.33	71.38 -4.71 11.13	57.07 -4.33 6.32	50.76 -4.42 2.96	45.15 -3.97 1.76

CALVERTON___SOLAR 323806	57.48 2.79 -0.01	55.68 2.90 0.00	53.29 3.44 0.00	51.89 2.98 0.00	50.24 2.44 0.00	48.23 1.77 0.00	50.25 1.98 0.00	53.08 2.81 0.00	55.13 2.53 0.00	57.38 2.52 0.01	64.95 3.74 -0.99	71.16 5.57 -0.01	89.05 7.82 -4.59	100.84 10.32 -5.89	122.03 11.26 -18.43	165.98 14.84 -39.60	328.95 16.18 -194.68	298.91 17.13 -156.75	236.20 17.82 -85.43	179.97 14.16 -55.19	146.03 10.46 -48.34	96.29 6.84 -21.73	66.49 4.24 -4.10	55.41 4.22 -0.30
CANDIGU_WT_PWR 323617	53.39 -0.88 0.42	47.68 -1.53 3.57	47.14 -1.45 1.26	47.64 -1.42 -0.15	47.17 -1.15 -0.51	42.86 -1.16 2.44	27.19 -0.72 20.35	29.09 -0.55 20.63	9.50 -0.47 42.63	23.57 -0.49 30.79	33.46 -0.66 26.11	39.18 -0.53 25.87	47.60 -1.30 27.73	31.13 -1.01 52.49	47.79 -0.83 43.71	25.29 -1.22 85.02	27.65 -2.01 88.43	2.05 -2.50 120.48	4.41 -1.73 126.80	58.98 -0.66 50.98	60.28 -1.22 25.72	52.33 -1.09 14.31	53.47 -1.40 3.28	48.28 -1.53 1.08
CARR STREET_E_SYR 24060	54.26 -0.55 -0.12	52.40 -0.74 -0.36	49.90 -0.70 -0.75	48.81 -0.78 -0.69	48.19 -0.72 -1.11	45.96 -0.70 -0.20	48.19 -0.68 -0.60	49.71 -0.60 -0.04	52.26 -0.47 -0.13	54.90 -0.44 -0.48	59.82 -0.66 -0.26	64.84 -0.59 0.15	75.82 -0.84 -0.03	83.89 -0.59 0.15	90.44 -0.55 1.34	111.80 -0.44 -0.71	117.91 -0.82 -0.64	124.63 -1.25 -0.85	134.34 -1.33 -2.72	108.80 -1.00 0.82	83.40 -1.04 2.79	65.10 -1.01 1.61	56.28 -0.70 1.17	49.32 -0.76 0.80
CARTHAGE___PAPER 23857	57.36 1.91 -0.76	55.62 1.90 -0.94	52.69 1.74 -1.10	51.68 1.76 -1.01	50.95 1.86 -1.29	48.92 1.91 -0.56	51.19 1.98 -0.94	52.88 2.01 -0.60	55.32 2.00 -0.72	57.38 1.59 -0.93	62.61 1.39 -1.00	67.58 1.11 -0.88	78.64 0.46 -1.53	86.61 0.25 -1.73	93.72 0.19 -1.21	114.75 -0.22 -3.44	120.12 -1.06 -3.10	127.91 -0.25 -3.13	139.13 1.60 -4.58	114.48 1.76 -2.10	88.88 1.65 0.00	69.15 1.42 0.00	59.25 1.10 0.00	51.90 1.02 0.00
CASSADAGA_WT_PWR 323784	50.15 -3.39 1.15	46.83 -4.27 1.68	44.92 -4.19 0.74	44.60 -3.91 0.40	44.45 -3.35 0.01	42.11 -3.25 1.09	41.04 -2.51 4.72	43.16 -1.86 5.25	41.43 -1.31 9.86	46.44 -1.32 7.10	51.63 -1.93 6.66	56.32 -2.10 7.16	65.24 -3.07 8.33	68.09 -3.39 13.15	75.99 -3.51 12.83	86.99 -4.79 19.75	94.05 -4.25 19.80	94.82 -5.37 24.84	103.50 -4.78 24.67	93.24 -2.76 14.61	72.45 -4.19 10.59	58.33 -3.38 6.02	51.64 -3.66 2.84	45.32 -3.87 1.70
CE_DUNWOOD___DRP 24194	56.71 2.02 0.00	54.68 1.90 0.00	51.49 1.65 0.00	50.33 1.42 0.00	49.14 1.34 0.00	47.99 1.53 0.00	50.10 1.83 0.00	52.48 2.21 0.00	55.08 2.47 0.00	57.77 2.91 0.00	63.78 3.55 0.00	69.32 3.74 0.00	82.00 5.36 0.00	92.16 7.53 0.00	100.74 8.40 0.00	123.69 11.15 -1.00	147.32 12.52 -16.71	165.07 13.50 -26.54	149.20 13.29 -2.95	123.56 10.07 -2.88	94.29 7.07 0.00	71.79 4.06 0.00	61.63 3.49 0.00	53.74 2.85 0.00
CE_MILLWOOD___DRP 24193	56.60 1.91 0.00	54.58 1.79 0.00	51.39 1.55 0.00	50.28 1.37 0.00	49.09 1.29 0.00	47.95 1.49 0.00	50.01 1.74 0.00	52.38 2.11 0.00	54.97 2.37 0.00	57.60 2.74 0.00	63.60 3.37 0.00	69.19 3.61 0.00	81.77 5.13 0.00	91.82 7.19 0.00	100.46 8.13 0.00	123.24 10.71 -0.99	147.89 12.05 -17.75	166.38 13.00 -28.35	148.64 12.76 -2.93	123.21 9.73 -2.86	94.03 6.80 0.00	71.59 3.86 0.00	61.46 3.31 0.00	53.58 2.70 0.00
CE_NYC2_DRP 24202	57.15 2.46 0.00	55.06 2.27 -0.01	51.74 1.89 0.00	50.57 1.66 0.00	49.38 1.58 0.00	48.32 1.86 0.00	50.50 2.22 -0.01	52.99 2.71 -0.01	55.67 3.05 -0.01	58.43 3.57 -0.01	64.45 4.22 -0.01	69.58 4.00 0.00	82.54 5.90 0.00	92.92 8.29 0.00	101.10 8.77 0.01	124.25 11.71 -1.00	146.91 12.87 -15.95	164.26 14.00 -25.23	149.74 13.83 -2.96	123.79 10.29 -2.89	94.29 7.07 0.00	71.79 4.06 0.00	62.16 4.01 0.00	54.25 3.36 -0.01
CE_NYC_DRP 24195	57.04 2.35 0.00	54.95 2.16 0.00	51.64 1.79 0.00	50.48 1.57 0.00	49.28 1.48 0.00	48.23 1.77 0.00	50.34 2.08 0.00	52.93 2.66 0.00	55.61 3.00 0.00	58.43 3.57 0.00	64.44 4.22 0.00	69.85 4.26 0.00	82.77 6.13 0.00	93.09 8.46 0.00	101.76 9.14 -0.29	125.21 12.16 -1.52	147.51 13.46 -15.96	164.91 14.63 -25.25	150.27 14.36 -2.96	124.72 10.73 -3.37	94.64 7.41 0.00	71.99 4.27 0.00	62.16 4.01 0.00	54.14 3.26 0.00
CHAFFEE___LFGE 323603	50.52 -3.01 1.16	47.28 -3.80 1.70	45.56 -3.54 0.75	45.23 -3.28 0.40	44.93 -2.87 0.01	42.38 -2.97 1.10	41.05 -2.46 4.76	43.06 -1.91 5.29	41.30 -1.37 9.94	46.39 -1.32 7.15	51.94 -1.57 6.72	56.98 -1.38 7.22	65.71 -2.53 8.40	68.87 -2.71 13.05	76.39 -3.04 12.90	87.42 -4.35 19.76	92.75 -5.55 19.79	93.37 -6.88 24.78	101.74 -6.64 24.57	91.43 -4.54 14.64	71.55 -4.97 10.71	57.71 -3.93 6.08	51.31 -3.96 2.88	45.14 -4.02 1.72
CHATEAUG_35_KV_LOAD 355732	54.47 -0.22 0.00	52.52 -0.26 0.00	49.60 -0.25 0.00	48.81 -0.10 0.00	47.75 -0.05 0.00	46.46 0.00 0.00	48.32 0.05 0.00	50.22 -0.05 0.00	52.45 -0.16 0.00	54.37 -0.49 0.00	59.26 -0.96 0.00	64.27 -1.31 0.00	75.03 -1.61 0.00	82.01 -2.62 0.00	89.01 -3.32 0.00	107.19 -4.35 0.00	113.37 -4.72 0.00	120.15 -4.88 0.00	128.16 -4.79 0.00	107.08 -3.54 0.00	84.52 -2.70 0.00	66.03 -1.69 0.00	56.69 -1.45 0.00	49.92 -0.97 0.00
CHATEAUG_WT_PWR 323614	54.41 -0.27 0.00	52.52 -0.26 0.00	49.60 -0.25 0.00	48.76 -0.15 0.00	47.70 -0.10 0.00	46.41 -0.05 0.00	48.22 -0.05 0.00	50.22 -0.05 0.00	52.50 -0.11 0.00	54.42 -0.44 0.00	59.32 -0.90 0.00	64.33 -1.25 0.00	75.11 -1.53 0.00	82.17 -2.46 0.00	89.19 -3.14 0.00	107.30 -4.24 0.00	113.48 -4.61 0.00	120.15 -4.88 0.00	128.03 -4.92 0.00	106.85 -3.76 0.00	84.43 -2.79 0.00	65.96 -1.76 0.00	56.63 -1.51 0.00	49.92 -0.97 0.00
CHAT_HIGH_FALL_HYD 323578	54.47 -0.22 0.00	52.52 -0.26 0.00	49.60 -0.25 0.00	48.81 -0.10 0.00	47.75 -0.05 0.00	46.46 0.00 0.00	48.32 0.05 0.00	50.22 -0.05 0.00	52.45 -0.16 0.00	54.37 -0.49 0.00	59.26 -0.96 0.00	64.27 -1.31 0.00	75.03 -1.61 0.00	82.01 -2.62 0.00	89.01 -3.32 0.00	107.19 -4.35 0.00	113.37 -4.72 0.00	120.15 -4.88 0.00	128.16 -4.79 0.00	107.08 -3.54 0.00	84.52 -2.70 0.00	66.03 -1.69 0.00	56.69 -1.45 0.00	49.92 -0.97 0.00
CHAUTAUQUA___LFGE 323629	50.52 -3.01 1.16	47.21 -3.85 1.73	45.40 -3.69 0.76	45.08 -3.43 0.40	44.78 -3.01 0.01	42.27 -3.07 1.12	40.75 -2.61 4.91	42.76 -2.06 5.45	40.82 -1.53 10.26	45.99 -1.48 7.39	51.45 -1.87 6.91	56.34 -1.84 7.41	65.12 -2.91 8.60	67.82 -3.04 13.77	75.74 -3.32 13.28	86.38 -4.58 20.58	92.25 -5.19 20.65	92.54 -6.51 25.98	100.98 -6.11 25.86	91.72 -3.76 15.13	71.90 -4.45 10.88	58.02 -3.52 6.18	51.70 -3.55 2.89	45.45 -3.71 1.72
CHERRYST_13_KV_LD 356241	57.20 2.52 0.00	55.11 2.32 0.00	51.79 1.94 0.00	50.62 1.71 0.00	49.43 1.63 0.00	48.37 1.90 0.00	50.59 2.32 0.00	53.18 2.92 0.00	55.92 3.31 0.00	58.70 3.84 0.00	64.74 4.52 0.00	70.24 4.66 0.00	83.23 6.59 0.00	93.60 8.97 0.00	102.32 9.70 -0.29	125.88 12.83 -1.52	148.34 14.29 -15.96	165.66 15.38 -25.25	150.93 15.02 -2.96	125.27 11.28 -3.37	95.08 7.85 0.00	72.26 4.54 0.00	62.33 4.19 0.00	54.30 3.41 0.00

CHESTROR_138KV_BK263 355645	56.22 1.53 0.00	54.26 1.48 0.00	51.09 1.25 0.00	49.99 1.08 0.00	48.80 1.00 0.00	47.62 1.16 0.00	49.62 1.35 0.00	51.98 1.71 0.00	54.45 1.84 0.00	57.05 2.19 0.00	62.94 2.71 0.00	68.53 2.95 0.00	80.85 4.22 0.00	90.55 5.92 0.00	99.07 6.74 0.00	121.16 8.81 -0.82	254.51 9.68 -126.74	351.22 10.63 -215.57	146.14 10.77 -2.42	121.16 8.19 -2.36	92.90 5.67 0.00	70.91 3.18 0.00	60.82 2.67 0.00	53.02 2.14 0.00
CH_MIDHUDSON___DRP 24192	56.76 2.08 0.00	54.79 2.01 0.00	51.59 1.74 0.00	50.48 1.57 0.00	49.28 1.48 0.00	48.04 1.58 0.00	50.10 1.83 0.00	52.38 2.11 0.00	54.92 2.31 0.00	57.55 2.69 0.00	63.54 3.31 0.00	69.19 3.61 0.00	81.62 4.98 0.00	91.48 6.85 0.00	100.18 7.85 0.00	122.35 10.04 -0.78	138.39 10.98 -9.32	151.72 12.00 -14.69	147.62 12.10 -2.57	122.41 9.29 -2.51	93.77 6.54 0.00	71.52 3.79 0.00	61.40 3.26 0.00	53.48 2.60 0.00
CH_MISC_IPPS 23765	57.15 2.46 0.00	55.05 2.27 0.00	51.89 2.04 0.00	50.77 1.86 0.00	49.52 1.72 0.00	48.27 1.81 0.00	50.34 2.07 0.00	52.73 2.46 0.00	55.29 2.68 0.00	57.98 3.13 0.00	64.08 3.86 0.00	69.78 4.20 0.00	82.39 5.75 0.00	92.16 7.53 0.00	100.74 8.40 0.00	123.32 11.04 -0.74	140.19 12.05 -10.05	154.17 13.25 -15.90	148.90 13.57 -2.38	123.33 10.39 -2.32	94.56 7.33 0.00	72.06 4.34 0.00	61.81 3.67 0.00	53.84 2.95 0.00
CH_RES_BVR_FALLS 23983	54.47 -0.22 0.00	52.57 -0.21 0.00	49.65 -0.20 0.00	48.76 -0.15 0.00	47.66 -0.14 0.00	46.37 -0.09 0.00	48.17 -0.10 0.00	50.12 -0.15 0.00	52.45 -0.16 0.00	54.64 -0.22 0.00	59.87 -0.36 0.00	65.13 -0.46 0.00	76.11 -0.53 0.00	83.78 -0.85 0.00	91.32 -1.01 0.00	110.20 -1.33 0.00	116.55 -1.54 0.00	123.40 -1.63 0.00	131.36 -1.59 0.00	109.29 -1.32 0.00	86.27 -0.96 0.00	67.12 -0.61 0.00	57.62 -0.52 0.00	50.48 -0.41 0.00
CH_RES_NIAGARA 23895	49.64 -3.77 1.27	46.63 -4.49 1.66	44.98 -4.14 0.73	44.60 -3.86 0.44	43.78 -4.02 0.01	40.88 -4.51 1.07	39.28 -4.97 4.02	41.03 -4.62 4.61	39.98 -4.21 8.42	44.49 -4.33 6.04	49.37 -5.00 5.85	53.89 -5.25 6.44	61.87 -7.13 7.64	63.78 -8.04 12.81	70.97 -9.05 12.31	81.41 -11.60 18.53	86.60 -12.99 18.50	87.28 -14.75 23.00	95.00 -15.29 22.66	83.85 -11.73 15.04	67.38 -9.42 10.43	55.90 -5.89 5.93	49.68 -5.41 3.05	44.47 -4.53 1.89
CH_RES_SYRACUSE 23985	55.79 -0.11 -1.21	53.92 -0.37 -1.50	51.26 -0.35 -1.75	50.08 -0.44 -1.61	49.47 -0.38 -2.05	47.03 -0.32 -0.89	49.48 -0.29 -1.50	51.03 -0.20 -0.96	53.65 -0.11 -1.14	56.29 -0.05 -1.48	61.71 -0.12 -1.60	66.99 0.00 -1.41	78.93 -0.15 -2.45	87.56 0.17 -2.76	94.63 0.37 -1.92	117.58 0.56 -5.49	123.39 0.36 -4.94	129.89 -0.12 -4.99	140.13 -0.13 -7.31	113.96 0.00 -3.35	87.05 -0.17 0.00	67.32 -0.40 0.00	57.80 -0.35 0.00	50.48 -0.41 0.00
CLINTON_WT_PWR 323605	54.41 -0.27 0.00	52.52 -0.26 0.00	49.60 -0.25 0.00	48.76 -0.15 0.00	47.70 -0.10 0.00	46.41 -0.05 0.00	48.22 -0.05 0.00	50.22 -0.05 0.00	52.50 -0.11 0.00	54.42 -0.44 0.00	59.32 -0.90 0.00	64.33 -1.25 0.00	75.11 -1.53 0.00	82.17 -2.46 0.00	89.19 -3.14 0.00	107.30 -4.24 0.00	113.48 -4.61 0.00	120.15 -4.88 0.00	128.03 -4.92 0.00	106.85 -3.76 0.00	84.43 -2.79 0.00	65.96 -1.76 0.00	56.63 -1.51 0.00	49.92 -0.97 0.00
CLINTON___LFGE 323618	55.07 0.39 0.00	53.05 0.27 0.00	50.00 0.15 0.00	49.21 0.30 0.00	48.18 0.38 0.00	46.97 0.51 0.00	48.80 0.53 0.00	50.72 0.45 0.00	52.92 0.32 0.00	54.70 -0.16 0.00	59.32 -0.90 0.00	64.27 -1.31 0.00	75.11 -1.53 0.00	82.09 -2.54 0.00	89.19 -3.14 0.00	107.41 -4.12 0.00	113.24 -4.85 0.00	119.78 -5.25 0.00	128.03 -4.92 0.00	106.97 -3.65 0.00	84.43 -2.79 0.00	65.90 -1.83 0.00	56.75 -1.40 0.00	50.33 -0.56 0.00
COBBLENY_34_KV_TB1 80064	50.41 -3.12 1.16	47.28 -3.80 1.70	45.51 -3.59 0.75	45.03 -3.47 0.40	44.88 -2.92 0.01	42.34 -3.02 1.10	41.05 -2.46 4.76	43.06 -1.91 5.29	41.30 -1.37 9.94	46.39 -1.32 7.15	51.94 -1.57 6.72	56.92 -1.44 7.22	65.63 -2.61 8.40	68.71 -2.88 13.05	76.11 -3.32 12.90	87.20 -4.57 19.76	92.51 -5.79 19.79	93.37 -6.88 24.78	101.47 -6.91 24.57	91.22 -4.76 14.64	72.59 -3.93 10.71	57.72 -3.93 6.08	51.02 -4.24 2.88	45.30 -3.87 1.72
COFFEEN___115KV_TB3 355620	58.45 2.84 -0.92	56.62 2.69 -1.14	53.68 2.49 -1.34	52.63 2.49 -1.23	51.94 2.58 -1.56	49.74 2.60 -0.68	52.11 2.70 -1.14	53.81 2.81 -0.73	56.37 2.89 -0.87	58.46 2.47 -1.13	63.91 2.47 -1.22	68.95 2.30 -1.07	80.19 1.69 -1.87	88.59 1.86 -2.10	95.65 1.85 -1.47	117.50 1.78 -4.18	122.80 0.94 -3.77	130.83 2.00 -3.80	142.64 4.12 -5.57	117.26 4.09 -2.55	90.80 3.58 0.00	70.57 2.84 0.00	60.29 2.15 0.00	52.72 1.83 0.00
COLDSPRG_115KV_BK1 355956	50.34 -3.23 1.12	47.48 -3.69 1.61	45.50 -3.64 0.71	44.85 -3.67 0.39	45.31 -2.49 0.01	43.14 -2.28 1.05	42.74 -1.11 4.42	44.93 -0.40 4.94	43.63 0.26 9.24	48.65 0.44 6.65	54.20 0.24 6.27	59.22 0.39 6.76	68.52 -0.23 7.89	72.10 -0.34 12.19	79.93 -0.28 12.13	92.19 -0.89 18.45	98.34 -1.30 18.45	99.86 -2.13 23.04	108.56 -1.60 22.79	96.59 -0.22 13.80	76.56 -0.52 10.14	59.32 -2.64 5.76	51.54 -3.84 2.76	45.51 -3.71 1.66
COLONIE_LFGE___ 323577	66.89 1.86 -10.34	66.40 1.90 -11.72	60.01 1.79 -8.37	57.89 1.71 -7.27	49.48 1.58 -0.10	47.90 1.44 0.00	49.77 1.50 0.00	51.63 1.36 0.00	53.82 1.21 0.00	56.06 1.21 0.00	61.61 1.39 0.00	67.22 1.64 0.00	78.71 2.07 0.00	87.59 2.96 0.00	96.12 3.79 0.00	124.36 4.79 -8.03	150.65 5.32 -27.25	160.08 5.88 -29.17	162.17 5.99 -23.23	138.60 5.31 -22.67	100.67 4.10 -9.34	70.36 2.64 0.00	61.38 2.27 -0.98	52.92 2.04 0.00
COOPERNY_115KV_TB1 80082	55.73 1.04 0.00	53.79 1.00 0.00	50.70 0.85 0.00	49.69 0.78 0.00	48.52 0.72 0.00	47.30 0.84 0.00	49.23 0.97 0.00	51.47 1.21 0.00	53.98 1.37 0.00	56.45 1.59 0.00	62.21 1.99 0.00	67.75 2.16 0.00	79.70 3.07 0.00	89.03 4.40 0.00	97.41 5.08 0.00	118.01 6.47 0.00	116.24 7.09 8.93	117.34 7.63 15.32	140.79 7.84 0.00	116.48 5.86 0.00	91.33 4.10 0.00	69.96 2.23 0.00	60.00 1.86 0.00	52.36 1.48 0.00
COPENHAGEN_WT_PWR 323753	57.90 2.24 -0.97	56.10 2.11 -1.20	53.20 1.94 -1.41	52.16 1.96 -1.29	51.50 2.05 -1.65	49.22 2.04 -0.72	51.59 2.12 -1.20	53.25 2.21 -0.77	55.79 2.26 -0.92	57.97 1.92 -1.19	63.32 1.81 -1.29	68.42 1.70 -1.13	79.68 1.07 -1.97	88.03 1.18 -2.22	95.08 1.20 -1.55	117.06 1.12 -4.41	122.41 0.36 -3.97	130.16 1.12 -4.01	141.74 2.92 -5.87	116.18 2.87 -2.69	89.76 2.53 0.00	69.76 2.03 0.00	59.71 1.57 0.00	52.21 1.32 0.00
CORNELL_____ 23752	56.15 1.04 -0.42	54.46 0.74 -0.94	51.53 0.65 -1.04	50.23 0.49 -0.83	49.64 0.67 -1.17	47.78 0.74 -0.58	51.98 1.01 -2.70	53.66 1.16 -2.23	58.20 1.16 -4.44	59.57 1.10 -3.62	64.37 1.08 -3.06	69.56 1.25 -2.73	81.22 1.30 -3.28	92.02 1.78 -5.62	98.42 2.22 -3.87	124.49 2.79 -10.16	131.14 2.72 -10.33	141.56 2.88 -13.66	152.75 3.72 -16.08	119.29 3.43 -5.25	90.34 2.44 -0.67	69.35 1.29 -0.33	58.53 0.81 0.43	51.04 0.56 0.41

CORONA__69_KV_TB1 355595	57.09 2.41 0.00	55.21 2.43 0.00	52.34 2.49 0.00	51.16 2.25 0.00	49.71 1.91 0.00	48.32 1.86 0.00	50.39 2.12 0.00	52.88 2.61 0.00	55.19 2.58 0.00	57.54 2.69 0.01	64.02 3.79 0.00	70.70 5.12 0.00	83.69 7.05 0.00	100.09 9.56 -5.90	106.74 10.43 -3.97	139.65 13.61 -14.50	176.54 15.00 -43.45	208.08 16.25 -66.80	185.13 16.35 -35.83	141.92 12.61 -18.69	104.79 9.07 -8.49	73.35 5.62 0.00	61.86 3.72 0.00	54.80 3.92 0.00
CORTLAND__115KV_TB3 80093	55.60 0.49 -0.42	53.79 0.26 -0.74	51.00 0.20 -0.95	49.84 0.10 -0.83	49.21 0.24 -1.18	47.23 0.33 -0.44	50.19 0.48 -1.43	51.85 0.60 -0.98	55.11 0.68 -1.82	57.23 0.66 -1.72	62.36 0.66 -1.47	67.61 0.85 -1.18	79.11 0.84 -1.63	88.44 1.35 -2.45	95.29 1.66 -1.30	118.43 2.01 -4.88	124.79 1.89 -4.82	132.85 1.75 -6.07	143.20 2.26 -7.99	114.94 2.10 -2.23	88.02 1.48 0.69	67.92 0.61 0.41	57.90 0.29 0.54	50.63 0.15 0.41
COXSACKIE__GT 23611	47.82 3.50 10.37	44.41 3.38 11.75	44.59 3.14 8.40	44.55 2.93 7.29	50.23 2.53 0.10	48.92 2.46 0.00	50.83 2.56 0.00	52.58 2.31 0.00	54.18 1.58 0.00	56.17 1.31 0.00	61.61 1.39 0.00	67.15 1.57 0.00	78.63 1.99 0.00	87.51 2.88 0.00	96.12 3.79 0.00	106.68 6.02 10.88	88.04 6.85 36.90	93.99 8.62 39.65	112.55 10.90 31.31	89.67 9.62 30.56	85.09 7.24 9.37	71.86 4.13 0.00	60.77 3.61 0.98	54.15 3.26 0.00
CPV_VALLEY__CC1 323721	55.78 1.09 0.00	53.78 1.00 0.00	50.70 0.85 0.00	49.65 0.73 0.00	48.47 0.67 0.00	47.25 0.79 0.00	49.23 0.96 0.00	51.57 1.30 0.00	54.03 1.42 0.00	56.61 1.76 0.00	62.45 2.23 0.00	67.94 2.36 0.00	80.17 3.53 0.00	89.71 5.08 0.00	97.87 5.54 0.00	119.84 7.59 -0.71	121.07 8.39 5.41	123.40 9.12 10.75	144.15 9.05 -2.15	119.47 6.75 -2.10	91.93 4.71 0.00	70.30 2.57 0.00	60.30 2.15 0.00	52.62 1.73 0.00
CPV_VALLEY__CC2 323722	55.78 1.09 0.00	53.78 1.00 0.00	50.70 0.85 0.00	49.65 0.73 0.00	48.47 0.67 0.00	47.25 0.79 0.00	49.23 0.96 0.00	51.57 1.30 0.00	54.03 1.42 0.00	56.61 1.76 0.00	62.45 2.23 0.00	67.94 2.36 0.00	80.17 3.53 0.00	89.71 5.08 0.00	97.87 5.54 0.00	119.84 7.59 -0.71	121.07 8.39 5.41	123.40 9.12 10.75	144.15 9.05 -2.15	119.47 6.75 -2.10	91.93 4.71 0.00	70.30 2.57 0.00	60.30 2.15 0.00	52.62 1.73 0.00
CRESCENT__HYD 24018	66.89 1.86 -10.34	66.40 1.90 -11.72	60.01 1.79 -8.37	57.89 1.71 -7.27	49.48 1.58 -0.10	47.90 1.44 0.00	49.77 1.50 0.00	51.63 1.36 0.00	53.82 1.21 0.00	56.06 1.21 0.00	61.61 1.39 0.00	67.22 1.64 0.00	78.71 2.07 0.00	87.59 2.96 0.00	96.12 3.79 0.00	124.36 4.79 -8.03	150.65 5.32 -27.25	160.08 5.88 -29.17	162.17 5.99 -23.23	138.60 5.31 -22.67	100.67 4.10 -9.34	70.36 2.64 0.00	61.38 2.27 -0.98	52.92 2.04 0.00
CRICKET__VALLEY_CC1 323756	56.00 1.31 0.00	54.10 1.32 0.00	51.00 1.15 0.00	49.89 0.98 0.00	48.71 0.91 0.00	47.44 0.98 0.00	49.43 1.16 0.00	51.77 1.51 0.00	54.24 1.63 0.00	56.78 1.92 0.00	62.64 2.41 0.00	68.14 2.56 0.00	80.47 3.83 0.00	90.13 5.50 0.00	98.52 6.19 0.00	121.07 8.37 -1.16	137.66 9.45 -10.12	150.29 10.37 -14.89	146.50 10.10 -3.45	121.61 7.63 -3.36	92.55 5.32 0.00	70.57 2.84 0.00	60.70 2.56 0.00	53.02 2.14 0.00
CRICKET__VALLEY_CC2 323757	56.00 1.31 0.00	54.10 1.32 0.00	51.00 1.15 0.00	49.89 0.98 0.00	48.71 0.91 0.00	47.44 0.98 0.00	49.43 1.16 0.00	51.77 1.51 0.00	54.24 1.63 0.00	56.78 1.92 0.00	62.64 2.41 0.00	68.14 2.56 0.00	80.47 3.83 0.00	90.13 5.50 0.00	98.52 6.19 0.00	121.07 8.37 -1.16	137.66 9.45 -10.12	150.29 10.37 -14.89	146.50 10.10 -3.45	121.61 7.63 -3.36	92.55 5.32 0.00	70.57 2.84 0.00	60.70 2.56 0.00	53.02 2.14 0.00
CRICKET__VALLEY_CC3 323758	56.00 1.31 0.00	54.10 1.32 0.00	51.00 1.15 0.00	49.89 0.98 0.00	48.71 0.91 0.00	47.44 0.98 0.00	49.43 1.16 0.00	51.77 1.51 0.00	54.24 1.63 0.00	56.78 1.92 0.00	62.64 2.41 0.00	68.14 2.56 0.00	80.47 3.83 0.00	90.13 5.50 0.00	98.52 6.19 0.00	121.07 8.37 -1.16	137.66 9.45 -10.12	150.29 10.37 -14.89	146.50 10.10 -3.45	121.61 7.63 -3.36	92.55 5.32 0.00	70.57 2.84 0.00	60.70 2.56 0.00	53.02 2.14 0.00
CRUCIBLE__METL_DRP 24180	55.74 -0.16 -1.21	53.91 -0.37 -1.50	51.20 -0.40 -1.75	50.08 -0.44 -1.61	49.42 -0.43 -2.05	47.03 -0.33 -0.89	49.48 -0.29 -1.50	51.03 -0.20 -0.96	53.65 -0.11 -1.14	56.29 -0.05 -1.48	61.70 -0.12 -1.60	66.99 0.00 -1.41	78.93 -0.15 -2.45	87.56 0.17 -2.76	94.63 0.37 -1.92	117.58 0.56 -5.49	123.27 0.24 -4.94	129.77 -0.25 -4.99	140.13 -0.13 -7.31	113.96 0.00 -3.35	87.05 -0.17 0.00	67.32 -0.41 0.00	57.74 -0.41 0.00	50.48 -0.41 0.00
DAHOWA__HYDRO 323763	64.43 2.62 -7.11	63.59 2.74 -8.06	58.20 2.59 -5.76	56.31 2.40 -5.00	50.16 2.29 -0.07	48.69 2.23 0.00	50.59 2.32 0.00	52.38 2.11 0.00	54.45 1.84 0.00	56.50 1.64 0.00	62.15 1.93 0.00	68.01 2.43 0.00	79.62 2.99 0.00	88.77 4.15 0.00	97.41 5.07 0.00	123.66 6.69 -5.43	143.84 7.32 -18.42	152.75 8.01 -19.71	156.79 8.38 -15.46	132.79 7.09 -15.09	99.59 5.93 -6.43	71.93 4.20 0.00	62.30 3.49 -0.67	53.73 2.85 0.00
DANC__LFGE 323619	57.21 1.04 -1.49	55.42 0.90 -1.74	52.56 0.85 -1.87	51.41 0.78 -1.72	50.73 0.86 -2.07	48.43 0.93 -1.04	50.85 0.96 -1.61	52.48 1.00 -1.21	55.06 1.05 -1.40	57.34 0.82 -1.66	62.87 0.73 -1.92	67.98 0.52 -1.87	79.75 0.00 -3.12	88.31 0.08 -3.60	95.55 0.09 -3.12	118.20 0.00 -6.66	123.50 -0.59 -5.99	130.73 -0.25 -5.95	141.88 0.94 -7.99	116.41 1.11 -4.69	89.58 0.96 -1.39	69.27 0.75 -0.80	59.31 0.58 -0.58	51.69 0.41 -0.40
DANSKAMMER__1 23586	57.15 2.46 0.00	55.05 2.27 0.00	51.89 2.04 0.00	50.77 1.86 0.00	49.52 1.72 0.00	48.27 1.81 0.00	50.34 2.07 0.00	52.73 2.46 0.00	55.29 2.68 0.00	57.98 3.13 0.00	64.08 3.86 0.00	69.78 4.20 0.00	82.39 5.75 0.00	92.16 7.53 0.00	100.74 8.40 0.00	123.32 11.04 -0.74	140.19 12.05 -10.05	154.17 13.25 -15.90	148.90 13.57 -2.38	123.33 10.39 -2.32	94.56 7.33 0.00	72.06 4.34 0.00	61.81 3.67 0.00	53.84 2.95 0.00
DANSKAMMER__2 23589	57.15 2.46 0.00	55.05 2.27 0.00	51.89 2.04 0.00	50.77 1.86 0.00	49.52 1.72 0.00	48.27 1.81 0.00	50.34 2.07 0.00	52.73 2.46 0.00	55.29 2.68 0.00	57.98 3.13 0.00	64.08 3.86 0.00	69.78 4.20 0.00	82.39 5.75 0.00	92.16 7.53 0.00	100.74 8.40 0.00	123.32 11.04 -0.74	140.19 12.05 -10.05	154.17 13.25 -15.90	148.90 13.57 -2.38	123.33 10.39 -2.32	94.56 7.33 0.00	72.06 4.34 0.00	61.81 3.67 0.00	53.84 2.95 0.00
DANSKAMMER__3 23590	57.15 2.46 0.00	55.05 2.27 0.00	51.89 2.04 0.00	50.77 1.86 0.00	49.52 1.72 0.00	48.27 1.81 0.00	50.34 2.07 0.00	52.73 2.46 0.00	55.29 2.68 0.00	57.98 3.13 0.00	64.08 3.86 0.00	69.78 4.20 0.00	82.39 5.75 0.00	92.16 7.53 0.00	100.74 8.40 0.00	123.32 11.04 -0.74	140.19 12.05 -10.05	154.17 13.25 -15.90	148.90 13.57 -2.38	123.33 10.39 -2.32	94.56 7.33 0.00	72.06 4.34 0.00	61.81 3.67 0.00	53.84 2.95 0.00

DANSKAMMER___4 23591	57.15 2.46 0.00	55.05 2.27 0.00	51.89 2.04 0.00	50.77 1.86 0.00	49.52 1.72 0.00	48.27 1.81 0.00	50.34 2.07 0.00	52.73 2.46 0.00	55.29 2.68 0.00	57.98 3.13 0.00	64.08 3.86 0.00	69.78 4.20 0.00	82.39 5.75 0.00	92.16 7.53 0.00	100.74 8.40 0.00	123.32 11.04 -0.74	140.19 12.05 -10.05	154.17 13.25 -15.90	148.90 13.57 -2.38	123.33 10.39 -2.32	94.56 7.33 0.00	72.06 4.34 0.00	61.81 3.67 0.00	53.84 2.95 0.00
DANSKAMMER___DIESEL 23592	57.15 2.46 0.00	55.11 2.32 0.00	51.94 2.09 0.00	50.77 1.86 0.00	49.57 1.77 0.00	48.32 1.86 0.00	50.39 2.12 0.00	52.73 2.46 0.00	55.29 2.68 0.00	57.99 3.13 0.00	64.08 3.85 0.00	69.78 4.20 0.00	82.39 5.75 0.00	92.25 7.62 0.00	101.01 8.68 0.00	123.43 11.15 -0.74	140.30 12.16 -10.05	154.18 13.25 -15.90	148.85 13.56 -2.34	123.41 10.51 -2.28	94.64 7.41 0.00	72.06 4.33 0.00	61.75 3.60 0.00	53.79 2.90 0.00
DARBY___SOLAR 323810	64.62 2.40 -7.53	63.84 2.53 -8.53	58.33 2.39 -6.09	56.41 2.20 -5.29	49.97 2.10 -0.07	48.50 2.04 0.00	50.39 2.12 0.00	52.18 1.91 0.00	54.29 1.68 0.00	56.34 1.48 0.00	61.97 1.75 0.00	67.74 2.16 0.00	79.25 2.61 0.00	88.35 3.72 0.00	96.95 4.61 0.00	123.41 6.13 -5.74	144.28 6.73 -19.46	153.23 7.37 -20.83	157.19 7.84 -16.40	133.26 6.64 -16.01	99.52 5.50 -6.80	71.58 3.86 0.00	62.05 3.20 -0.71	53.53 2.64 0.00
DASHVILLE___HYD 23610	54.65 2.35 2.39	52.30 2.22 2.70	49.91 1.99 1.93	49.04 1.81 1.68	49.45 1.67 0.02	47.99 1.53 0.00	49.96 1.69 0.00	52.13 1.86 0.00	54.61 2.00 0.00	57.22 2.36 0.00	63.18 2.95 0.00	68.73 3.15 0.00	81.16 4.52 0.00	90.81 6.18 0.00	99.54 7.20 0.00	119.83 10.26 1.97	126.95 10.98 2.12	138.06 12.25 -0.78	140.27 12.90 5.58	115.13 9.96 5.44	92.14 7.07 2.16	71.25 3.52 0.00	61.35 3.43 0.23	53.28 2.39 0.00
DELAWARE___LFGE 323621	56.13 1.20 -0.24	54.34 1.27 -0.29	51.39 1.20 -0.34	50.40 1.17 -0.32	49.40 1.19 -0.40	47.80 1.16 -0.17	49.82 1.26 -0.30	51.77 1.31 -0.19	54.27 1.42 -0.24	56.70 1.54 -0.30	62.35 1.81 -0.32	67.90 2.03 -0.29	79.58 2.45 -0.49	88.73 3.55 -0.55	96.81 4.06 -0.42	117.63 4.91 -1.18	123.90 4.72 -1.09	131.30 5.13 -1.15	140.16 5.58 -1.63	115.62 4.31 -0.69	90.46 3.23 0.00	69.69 1.96 0.00	59.65 1.51 0.00	52.06 1.17 0.00
DERFIELD_115KV_TB7 355931	54.80 0.11 0.00	52.94 0.16 0.00	49.95 0.10 0.00	49.01 0.10 0.00	47.90 0.10 0.00	46.55 0.09 0.00	48.37 0.10 0.00	50.32 0.05 0.00	52.71 0.11 0.00	54.97 0.11 0.00	60.35 0.12 0.00	65.71 0.13 0.00	76.87 0.23 0.00	85.14 0.51 0.00	92.98 0.65 0.00	112.32 0.78 0.00	118.80 0.71 0.00	125.78 0.75 0.00	133.75 0.80 0.00	111.28 0.66 0.00	87.66 0.44 0.00	67.93 0.20 0.00	58.32 0.17 0.00	51.04 0.15 0.00
DOGLEVILLE___HYD 23807	55.29 0.60 0.00	53.42 0.63 0.00	50.45 0.60 0.00	49.45 0.54 0.00	48.33 0.53 0.00	47.02 0.56 0.00	48.90 0.63 0.00	50.92 0.65 0.00	53.34 0.74 0.00	55.57 0.71 0.00	61.07 0.84 0.00	66.57 0.98 0.00	77.71 1.07 0.00	86.07 1.44 0.00	94.00 1.66 0.00	113.10 1.56 0.00	119.03 0.94 0.00	126.03 1.00 0.00	134.15 1.20 0.00	111.39 0.77 0.00	87.58 0.35 0.00	67.66 -0.07 0.00	58.09 -0.06 0.00	50.78 -0.10 0.00
DUNKIRK__115KV_TB_200 55889	50.41 -3.12 1.16	47.25 -3.80 1.73	45.40 -3.69 0.76	44.94 -3.57 0.40	44.78 -3.01 0.01	42.27 -3.07 1.12	40.73 -2.61 4.93	42.79 -2.01 5.47	40.79 -1.53 10.30	45.96 -1.48 7.41	51.48 -1.81 6.94	56.38 -1.77 7.43	65.17 -2.84 8.63	67.67 -3.13 13.83	75.60 -3.42 13.32	86.19 -4.68 20.66	92.05 -5.31 20.73	92.44 -6.50 26.09	100.73 -6.25 25.97	91.45 -3.98 15.18	72.92 -3.40 10.91	58.01 -3.52 6.19	51.41 -3.84 2.90	45.60 -3.56 1.72
DUNKIRK___1 23563	50.41 -3.12 1.16	47.25 -3.80 1.73	45.40 -3.69 0.76	44.94 -3.57 0.40	44.78 -3.01 0.01	42.27 -3.07 1.12	40.73 -2.61 4.93	42.79 -2.01 5.47	40.79 -1.53 10.30	45.96 -1.48 7.41	51.48 -1.81 6.94	56.38 -1.77 7.43	65.17 -2.84 8.63	67.67 -3.13 13.83	75.60 -3.42 13.32	86.19 -4.68 20.66	92.05 -5.31 20.73	92.44 -6.50 26.09	100.73 -6.25 25.97	91.45 -3.98 15.18	72.92 -3.40 10.91	58.01 -3.52 6.19	51.41 -3.84 2.90	45.60 -3.56 1.72
DUNKIRK___2 23564	50.41 -3.12 1.16	47.25 -3.80 1.73	45.40 -3.69 0.76	44.94 -3.57 0.40	44.78 -3.01 0.01	42.27 -3.07 1.12	40.73 -2.61 4.93	42.79 -2.01 5.47	40.79 -1.53 10.30	45.96 -1.48 7.41	51.48 -1.81 6.94	56.38 -1.77 7.43	65.17 -2.84 8.63	67.67 -3.13 13.83	75.60 -3.42 13.32	86.19 -4.68 20.66	92.05 -5.31 20.73	92.44 -6.50 26.09	100.73 -6.25 25.97	91.45 -3.98 15.18	72.92 -3.40 10.91	58.01 -3.52 6.19	51.41 -3.84 2.90	45.60 -3.56 1.72
DUNKIRK___3 23565	50.24 -3.28 1.17	47.08 -3.96 1.75	45.29 -3.79 0.77	44.84 -3.67 0.41	44.69 -3.11 0.01	42.16 -3.16 1.14	40.60 -2.65 5.02	42.60 -2.11 5.55	40.50 -1.63 10.48	45.78 -1.54 7.55	51.31 -1.87 7.05	56.20 -1.84 7.54	64.98 -2.91 8.75	67.31 -3.13 14.19	75.30 -3.51 13.53	85.65 -4.80 21.09	91.24 -5.67 21.18	91.57 -6.75 26.71	99.67 -6.65 26.63	90.75 -4.42 15.44	72.46 -3.75 11.02	57.75 -3.72 6.25	51.16 -4.07 2.91	45.34 -3.82 1.73
DUNKIRK___4 23566	50.24 -3.28 1.17	47.08 -3.96 1.75	45.29 -3.79 0.77	44.84 -3.67 0.41	44.69 -3.11 0.01	42.16 -3.16 1.14	40.60 -2.65 5.02	42.60 -2.11 5.55	40.50 -1.63 10.48	45.78 -1.54 7.55	51.31 -1.87 7.05	56.20 -1.84 7.54	64.98 -2.91 8.75	67.31 -3.13 14.19	75.30 -3.51 13.53	85.65 -4.80 21.09	91.24 -5.67 21.18	91.57 -6.75 26.71	99.67 -6.65 26.63	90.75 -4.42 15.44	72.46 -3.75 11.02	57.75 -3.72 6.25	51.16 -4.07 2.91	45.34 -3.82 1.73
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	56.82 2.13 0.00	54.79 2.01 0.00	51.59 1.74 0.00	50.43 1.52 0.00	49.23 1.43 0.00	48.09 1.63 0.00	50.20 1.93 0.00	52.63 2.36 0.00	55.24 2.63 0.00	57.93 3.07 0.00	63.90 3.67 0.00	69.45 3.87 0.00	82.23 5.59 0.00	92.42 7.79 0.00	101.01 8.68 0.00	124.03 11.49 -1.00	146.94 12.87 -15.98	164.18 13.88 -25.28	149.74 13.83 -2.96	123.90 10.40 -2.89	94.55 7.33 0.00	71.92 4.20 0.00	61.75 3.60 0.00	53.89 3.00 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	56.66 1.97 0.00	54.63 1.85 0.00	51.44 1.60 0.00	50.33 1.42 0.00	49.14 1.34 0.00	47.95 1.49 0.00	49.96 1.69 0.00	52.33 2.06 0.00	54.87 2.26 0.00	57.49 2.63 0.00	63.48 3.25 0.00	69.06 3.48 0.00	81.54 4.90 0.00	91.40 6.77 0.00	100.00 7.66 0.00	122.11 9.93 -0.64	140.69 10.86 -11.74	155.81 11.88 -18.90	147.05 12.10 -2.00	121.86 9.29 -1.96	93.77 6.54 0.00	71.45 3.72 0.00	61.28 3.14 0.00	53.38 2.49 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	57.26 2.57 -0.01	55.22 2.43 -0.01	51.90 2.04 -0.01	50.68 1.76 -0.01	49.53 1.72 -0.01	48.41 1.95 0.00	50.45 2.17 -0.01	52.84 2.56 -0.01	55.46 2.84 -0.01	58.21 3.35 -0.01	64.39 4.16 -0.01	69.58 4.00 0.00	82.62 5.98 0.00	93.02 8.38 -0.01	101.29 8.96 0.00	124.37 11.82 -1.01	147.15 13.11 -15.95	164.27 14.00 -25.24	149.88 13.96 -2.97	124.02 10.51 -2.90	94.48 7.24 -0.01	71.93 4.20 -0.01	62.28 4.13 -0.01	54.35 3.46 -0.01

E179THST_13_KV_LOAD 356214	57.65 2.95 -0.01	55.54 2.74 -0.01	52.20 2.34 -0.01	50.97 2.05 -0.01	49.82 2.01 -0.01	48.64 2.18 0.00	50.74 2.46 -0.01	53.19 2.92 -0.01	55.82 3.21 -0.01	58.60 3.73 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.15 6.51 0.00	93.69 9.06 -0.01	102.03 9.70 0.00	125.37 12.83 -1.01	148.09 14.05 -15.95	165.39 15.13 -25.24	151.08 15.16 -2.97	124.91 11.39 -2.90	95.17 7.94 -0.01	72.47 4.74 -0.01	62.74 4.59 -0.01	54.71 3.82 -0.01
EAST HAMPTON___GT 23717	58.91 4.21 -0.01	56.74 3.96 0.00	54.38 4.54 0.00	53.07 4.16 0.00	51.19 3.39 0.00	48.87 2.41 0.00	50.83 2.56 0.00	53.94 3.67 0.00	56.45 3.84 0.00	59.18 4.33 0.01	68.02 6.80 -0.99	74.97 9.38 -0.01	93.64 12.41 -4.59	105.93 15.41 -5.89	127.88 17.08 -18.47	172.95 21.75 -39.66	336.77 23.50 -195.17	304.90 22.88 -156.99	242.84 24.33 -85.56	184.71 18.80 -55.29	149.48 13.78 -48.48	98.94 9.41 -21.80	68.30 6.05 -4.11	56.69 5.50 -0.30
EAST RIVER___6 23660	57.04 2.35 0.00	54.95 2.16 0.00	51.59 1.74 0.00	50.43 1.52 0.00	49.23 1.43 0.00	48.09 1.63 0.00	50.25 1.98 0.00	53.03 2.76 0.00	55.71 3.10 0.00	58.54 3.68 0.00	64.62 4.39 0.00	70.10 4.52 0.00	83.08 6.44 0.00	93.43 8.80 0.00	101.85 9.23 -0.29	125.76 12.71 -1.52	148.10 14.05 -15.96	165.53 15.25 -25.25	150.71 14.76 -3.00	124.98 10.95 -3.41	94.81 7.58 0.00	72.19 4.47 0.00	62.39 4.24 0.00	54.35 3.46 0.00
EAST RIVER___7 23524	57.04 2.35 0.00	54.95 2.16 0.00	51.59 1.74 0.00	50.43 1.52 0.00	49.23 1.43 0.00	48.09 1.63 0.00	50.25 1.98 0.00	53.03 2.76 0.00	55.71 3.10 0.00	58.54 3.68 0.00	64.62 4.39 0.00	70.10 4.52 0.00	83.08 6.44 0.00	93.43 8.80 0.00	101.85 9.23 -0.29	125.76 12.71 -1.52	148.10 14.05 -15.96	165.53 15.25 -25.25	150.71 14.76 -3.00	124.98 10.95 -3.41	94.81 7.58 0.00	72.19 4.47 0.00	62.39 4.24 0.00	54.35 3.46 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	56.71 2.02 0.00	54.68 1.90 0.00	51.49 1.65 0.00	50.33 1.42 0.00	49.14 1.34 0.00	47.99 1.53 0.00	50.10 1.83 0.00	52.48 2.21 0.00	55.08 2.47 0.00	57.77 2.91 0.00	63.78 3.55 0.00	69.32 3.74 0.00	82.00 5.36 0.00	92.16 7.53 0.00	100.74 8.40 0.00	123.69 11.15 -1.00	147.32 12.52 -16.71	165.07 13.50 -26.54	149.20 13.29 -2.95	123.56 10.07 -2.88	94.29 7.07 0.00	71.79 4.06 0.00	61.63 3.49 0.00	53.74 2.85 0.00
EAST_HAMPTON___DIESEL 23722	58.91 4.21 -0.01	56.69 3.91 0.00	54.34 4.49 0.00	53.07 4.16 0.00	51.19 3.39 0.00	48.83 2.37 0.00	50.78 2.51 0.00	53.89 3.62 0.00	56.40 3.79 0.00	59.18 4.33 0.01	67.96 6.74 -0.99	74.97 9.38 -0.01	93.73 12.50 -4.59	106.01 15.49 -5.89	127.88 17.08 -18.47	172.95 21.75 -39.66	336.65 23.39 -195.17	304.90 22.88 -156.99	242.71 24.20 -85.56	184.71 18.80 -55.29	149.40 13.70 -48.48	98.88 9.35 -21.80	68.25 5.99 -4.11	56.69 5.50 -0.30
EAST_POINT___SOLAR 323840	61.81 3.66 -3.46	60.40 3.69 -3.92	56.09 3.44 -2.80	54.62 3.28 -2.44	51.04 3.20 -0.03	49.71 3.25 0.00	51.07 2.80 0.00	51.63 1.36 0.00	53.50 0.89 0.00	55.30 0.44 0.00	60.65 0.42 0.00	66.37 0.79 0.00	77.63 0.99 0.00	86.58 1.95 0.00	95.10 2.77 0.00	119.66 5.69 -2.44	134.04 7.67 -8.28	142.99 9.12 -8.84	150.99 11.29 -6.75	127.37 10.17 -6.58	98.38 8.02 -3.13	73.62 5.89 0.00	63.18 4.71 -0.33	54.55 3.67 0.00
EAST_PULASKI___ESR 323781	57.13 -0.05 -2.50	55.39 -0.21 -2.81	52.52 -0.20 -2.87	51.25 -0.29 -2.63	50.66 -0.19 -3.05	48.01 -0.14 -1.69	50.62 -0.14 -2.50	52.21 -0.10 -2.04	54.90 -0.05 -2.34	57.32 -0.16 -2.62	63.09 -0.30 -3.16	68.27 -0.59 -3.27	80.89 -1.07 -5.32	89.93 -0.93 -6.23	97.35 -0.92 -5.94	121.50 -1.12 -11.08	126.52 -1.54 -9.97	133.21 -1.63 -9.81	144.35 -1.07 -12.47	118.33 -0.66 -8.38	90.31 -0.52 -3.60	69.26 -0.54 -2.08	59.36 -0.29 -1.51	51.51 -0.41 -1.03
EAST_RIVER___1 323558	56.98 2.30 0.00	54.90 2.11 0.00	51.59 1.74 0.00	50.43 1.52 0.00	49.28 1.48 0.00	48.13 1.67 0.00	50.25 1.98 0.00	52.93 2.66 0.00	55.60 3.00 0.00	58.42 3.56 0.00	64.44 4.21 0.00	69.84 4.26 0.00	82.77 6.13 0.00	93.09 8.46 0.00	101.40 8.78 -0.29	125.21 12.16 -1.52	147.51 13.46 -15.96	164.78 14.50 -25.25	150.31 14.36 -3.00	124.54 10.51 -3.41	94.56 7.33 0.00	72.00 4.27 0.00	62.21 4.07 0.00	54.19 3.31 0.00
EAST_RIVER___2 323559	57.04 2.35 0.00	54.95 2.16 0.00	51.59 1.74 0.00	50.43 1.52 0.00	49.23 1.43 0.00	48.09 1.63 0.00	50.25 1.98 0.00	53.03 2.76 0.00	55.71 3.10 0.00	58.54 3.68 0.00	64.62 4.39 0.00	70.10 4.52 0.00	83.08 6.44 0.00	93.43 8.80 0.00	101.85 9.23 -0.29	125.76 12.71 -1.52	148.10 14.05 -15.96	165.53 15.25 -25.25	150.71 14.76 -3.00	124.98 10.95 -3.41	94.81 7.58 0.00	72.19 4.47 0.00	62.39 4.24 0.00	54.35 3.46 0.00
EAST___DELAWARE_HYD 23607	56.03 2.02 0.68	53.86 1.85 0.77	50.89 1.59 0.55	49.90 1.47 0.48	49.13 1.34 0.01	47.90 1.44 0.00	49.96 1.69 0.00	52.28 2.01 0.00	54.87 2.26 0.00	57.38 2.52 0.00	63.41 3.19 0.00	69.06 3.47 0.00	81.39 4.75 0.00	90.98 6.35 0.00	99.54 7.21 0.00	121.01 9.48 0.00	128.25 10.16 0.00	136.52 11.50 0.00	145.32 12.37 0.00	120.13 9.51 0.00	93.24 6.63 0.61	71.52 3.79 0.00	61.22 3.14 0.06	53.28 2.39 0.00
EIGHT_POINT___WT_PWR 323820	53.78 -0.60 0.31	54.06 -1.42 -2.70	49.94 -1.40 -1.49	47.80 -1.37 -0.26	47.23 -1.19 -0.62	47.14 -1.16 -1.84	65.10 -0.68 -17.51	66.73 -0.35 -16.82	88.03 -0.11 -35.53	80.73 -0.22 -26.08	81.23 -0.48 -21.49	85.78 -0.26 -20.46	97.05 -1.23 -21.64	125.79 -1.01 -42.18	123.93 -1.10 -32.70	180.19 -2.00 -70.65	188.83 -3.18 -73.92	223.58 -3.63 -102.19	240.87 -2.53 -110.45	149.12 -0.77 -39.27	100.98 -1.31 -15.06	74.94 -1.01 -8.23	56.72 -1.40 0.03	48.46 -1.42 1.00
ELBRIDGE_115KV_TB2 80188	55.49 -0.49 -1.29	53.64 -0.74 -1.60	51.02 -0.70 -1.87	49.89 -0.73 -1.72	49.27 -0.72 -2.19	46.76 -0.65 -0.95	49.24 -0.63 -1.59	50.74 -0.55 -1.02	53.35 -0.47 -1.22	56.00 -0.44 -1.58	61.39 -0.54 -1.71	66.62 -0.46 -1.50	78.56 -0.69 -2.61	87.06 -0.51 -2.94	94.01 -0.37 -2.05	117.05 -0.33 -5.85	122.77 -0.59 -5.27	129.35 -1.00 -5.32	139.81 -0.93 -7.79	113.52 -0.66 -3.57	86.53 -0.70 0.00	66.98 -0.74 0.00	57.45 -0.70 0.00	50.17 -0.71 0.00
ELEC_TRO_TEK 24086	56.71 2.02 0.00	54.89 2.11 0.00	52.19 2.34 0.00	50.92 2.01 0.00	49.52 1.72 0.00	48.04 1.58 0.00	50.15 1.88 0.00	52.63 2.36 0.00	54.87 2.26 0.00	57.16 2.30 0.01	63.54 3.31 0.00	70.24 4.66 0.00	83.15 6.51 0.00	99.42 8.89 -5.90	106.09 9.79 -3.97	138.87 12.83 -14.50	175.71 14.17 -43.45	207.08 15.25 -66.80	184.07 15.29 -35.83	141.14 11.84 -18.69	104.18 8.46 -8.49	72.87 5.15 0.00	61.34 3.20 0.00	54.50 3.61 0.00
ELLENBURG_WT_PWR 323604	54.41 -0.27 0.00	52.52 -0.26 0.00	49.60 -0.25 0.00	48.76 -0.15 0.00	47.70 -0.10 0.00	46.41 -0.05 0.00	48.22 -0.05 0.00	50.22 -0.05 0.00	52.50 -0.11 0.00	54.42 -0.44 0.00	59.32 -0.90 0.00	64.33 -1.25 0.00	75.11 -1.53 0.00	82.17 -2.46 0.00	89.19 -3.14 0.00	107.30 -4.24 0.00	113.48 -4.61 0.00	120.15 -4.88 0.00	128.03 -4.92 0.00	106.85 -3.76 0.00	84.43 -2.79 0.00	65.96 -1.76 0.00	56.63 -1.51 0.00	49.92 -0.97 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	50.08 -3.39 1.21	46.87 -4.12 1.79	45.17 -3.89 0.79	44.77 -3.72 0.42	44.35 -3.44 0.01	41.72 -3.58 1.16	39.92 -3.33 5.02	41.82 -2.87 5.58	39.76 -2.37 10.48	44.96 -2.36 7.55	50.37 -2.77 7.08	55.30 -2.69 7.59	63.66 -4.14 8.84	65.35 -4.57 14.71	73.57 -5.17 13.59	83.80 -6.92 20.83	89.09 -8.15 20.85	89.53 -9.38 26.12	97.48 -9.57 25.90	88.05 -6.97 15.60	70.28 -5.67 11.28	56.64 -4.67 6.41	50.59 -4.54 3.01	45.02 -4.07 1.80
EMPIRE_CC_1 323656	67.47 1.53 -11.25	67.12 1.58 -12.75	60.45 1.49 -9.11	58.24 1.42 -7.91	49.20 1.29 -0.11	47.57 1.11 0.00	49.43 1.16 0.00	51.22 0.95 0.00	53.45 0.84 0.00	55.73 0.88 0.00	61.25 1.02 0.00	66.76 1.18 0.00	78.09 1.45 0.00	86.92 2.29 0.00	95.29 2.95 0.00	121.21 3.68 -6.00	142.68 4.24 -20.34	151.38 4.63 -21.73	155.11 4.78 -17.38	131.89 4.31 -16.97	100.71 3.31 -10.16	69.62 1.89 0.00	60.95 1.74 -1.06	52.56 1.68 0.00
EMPIRE_CC_2 323658	67.47 1.53 -11.25	67.12 1.58 -12.75	60.45 1.49 -9.11	58.24 1.42 -7.91	49.20 1.29 -0.11	47.57 1.11 0.00	49.43 1.16 0.00	51.22 0.95 0.00	53.45 0.84 0.00	55.73 0.88 0.00	61.25 1.02 0.00	66.76 1.18 0.00	78.09 1.45 0.00	86.92 2.29 0.00	95.29 2.95 0.00	121.21 3.68 -6.00	142.68 4.24 -20.34	151.38 4.63 -21.73	155.11 4.78 -17.38	131.89 4.31 -16.97	100.71 3.31 -10.16	69.62 1.89 0.00	60.95 1.74 -1.06	52.56 1.68 0.00
ENORWICH_115KV_TB1 80156	58.23 3.28 -0.26	56.32 2.96 -0.58	53.26 2.69 -0.72	52.15 2.64 -0.60	51.49 2.82 -0.87	49.70 2.88 -0.35	53.08 3.28 -1.53	54.85 3.42 -1.16	58.49 3.58 -2.30	60.12 3.29 -1.97	65.30 3.43 -1.64	70.83 3.87 -1.38	82.34 3.99 -1.72	92.66 5.16 -2.87	99.89 5.82 -1.74	123.70 6.69 -5.47	129.77 6.14 -5.54	138.95 6.63 -7.30	150.30 8.38 -8.98	120.04 6.86 -2.57	92.12 5.15 0.25	70.94 3.39 0.17	60.00 2.33 0.46	52.34 1.83 0.37
ERIE_ST__34_KV_TB1-2 80199	49.62 -3.88 1.18	46.70 -4.38 1.70	44.91 -4.19 0.75	44.29 -4.21 0.41	44.73 -3.06 0.01	42.43 -2.93 1.10	41.85 -1.74 4.68	43.94 -1.11 5.22	42.36 -0.47 9.77	47.44 -0.38 7.03	53.05 -0.54 6.63	58.17 -0.26 7.15	67.07 -1.23 8.34	74.08 -1.27 9.28	79.20 -1.57 11.57	93.28 -2.45 15.80	98.81 -3.78 15.50	101.83 -4.75 18.44	111.09 -4.39 17.47	94.37 -2.88 13.37	74.07 -2.44 10.72	57.71 -3.93 6.08	50.29 -4.94 2.91	44.61 -4.53 1.75
ERIE_WT_PWR 323693	50.32 -3.17 1.19	47.06 -3.96 1.77	45.38 -3.69 0.78	45.03 -3.47 0.41	44.69 -3.11 0.01	42.11 -3.21 1.15	40.45 -2.80 5.02	42.39 -2.31 5.57	40.34 -1.79 10.48	45.55 -1.76 7.55	51.05 -2.11 7.07	55.97 -2.03 7.58	64.54 -3.29 8.80	67.35 -3.47 13.80	74.94 -3.87 13.51	85.22 -5.46 20.85	90.46 -6.73 20.90	90.77 -8.00 26.25	99.02 -7.84 26.09	89.87 -5.42 15.33	70.51 -5.58 11.13	57.14 -4.26 6.32	51.06 -4.13 2.96	45.00 -4.12 1.76
ESPRGFLD_115KV_TB1 80157	59.49 2.41 -2.40	57.93 2.43 -2.71	54.08 2.29 -1.94	52.80 2.20 -1.68	50.07 2.25 -0.02	48.74 2.28 0.00	50.59 2.32 0.00	52.33 2.06 0.00	54.61 2.00 0.00	56.72 1.87 0.00	62.27 2.05 0.00	67.94 2.36 0.00	79.40 2.76 0.00	88.44 3.81 0.00	96.86 4.52 0.00	119.19 5.91 -1.74	130.12 6.14 -5.89	138.33 7.00 -6.30	146.33 8.38 -5.01	122.58 7.08 -4.89	94.80 5.41 -2.16	71.52 3.79 0.00	61.33 2.97 -0.23	53.07 2.19 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	56.07 0.93 -0.45	54.34 0.63 -0.92	51.44 0.55 -1.04	50.20 0.44 -0.85	49.57 0.57 -1.20	47.68 0.65 -0.57	51.59 0.92 -2.41	53.22 1.01 -1.95	57.47 1.05 -3.81	59.01 0.99 -3.17	63.89 0.96 -2.70	69.08 1.11 -2.38	80.72 1.15 -2.93	91.23 1.69 -4.91	97.69 2.03 -3.32	123.08 2.57 -8.98	129.76 2.60 -9.07	139.53 2.63 -11.87	150.45 3.32 -14.18	118.33 3.10 -4.61	89.91 2.27 -0.41	69.07 1.15 -0.19	58.42 0.70 0.42	50.96 0.46 0.38
ETNA____115KV_TB2 80207	56.07 0.93 -0.45	54.34 0.63 -0.92	51.44 0.55 -1.04	50.20 0.44 -0.85	49.57 0.57 -1.20	47.68 0.65 -0.57	51.59 0.92 -2.41	53.22 1.01 -1.95	57.47 1.05 -3.81	59.01 0.99 -3.17	63.89 0.96 -2.70	69.08 1.11 -2.38	80.72 1.15 -2.93	91.23 1.69 -4.91	97.69 2.03 -3.32	123.08 2.57 -8.98	129.76 2.60 -9.07	139.53 2.63 -11.87	150.45 3.32 -14.18	118.33 3.10 -4.61	89.91 2.27 -0.41	69.07 1.15 -0.19	58.42 0.70 0.42	50.96 0.46 0.38
EUCLID____115KV_TB2 356179	53.68 -0.87 0.13	51.84 -1.06 -0.11	49.40 -1.00 -0.55	48.39 -1.03 -0.50	47.74 -1.00 -0.94	45.53 -0.98 -0.05	47.72 -0.97 -0.42	49.19 -0.90 0.17	51.66 -0.84 0.10	54.31 -0.82 -0.27	59.22 -0.96 0.04	64.15 -0.92 0.52	74.88 -1.23 0.53	82.70 -1.10 0.83	89.16 -1.02 2.15	109.95 -1.23 0.36	116.23 -1.54 0.32	123.09 -1.88 0.07	132.74 -1.99 -1.78	107.25 -1.55 1.81	82.27 -1.40 3.56	64.45 -1.22 2.05	55.61 -1.05 1.49	48.85 -1.02 1.02
E_CANADA_CAP_HY 24051	60.99 3.12 -3.18	59.56 3.17 -3.61	55.37 2.94 -2.58	53.94 2.79 -2.24	50.60 2.77 -0.03	49.25 2.79 0.00	51.02 2.75 0.00	52.28 2.01 0.00	54.24 1.63 0.00	56.12 1.26 0.00	61.49 1.27 0.00	67.22 1.64 0.00	78.63 1.99 0.00	87.67 3.04 0.00	96.12 3.79 0.00	119.70 5.91 -2.26	132.47 6.73 -7.65	141.22 8.01 -8.18	148.89 9.70 -6.24	125.23 8.52 -6.09	96.73 6.63 -2.88	72.53 4.81 0.00	62.40 3.96 -0.30	53.94 3.05 0.00
E_CANADA_MHWK_HY 24050	55.29 0.60 0.00	53.42 0.64 0.00	50.45 0.60 0.00	49.45 0.54 0.00	48.33 0.53 0.00	47.02 0.56 0.00	48.94 0.68 0.00	50.92 0.65 0.00	53.34 0.74 0.00	55.57 0.71 0.00	61.07 0.84 0.00	66.57 0.99 0.00	77.71 1.07 0.00	86.07 1.44 0.00	93.90 1.57 0.00	113.10 1.56 0.00	119.03 0.94 0.00	126.02 1.00 0.00	134.14 1.19 0.00	111.39 0.78 0.00	87.58 0.35 0.00	67.66 -0.07 0.00	58.09 -0.06 0.00	50.78 -0.10 0.00
E_FISHKILL__LBMP 23776	56.33 1.64 0.00	54.37 1.58 0.00	51.24 1.40 0.00	50.13 1.22 0.00	48.95 1.15 0.00	47.71 1.25 0.00	49.77 1.50 0.00	52.08 1.81 0.00	54.61 2.00 0.00	57.16 2.30 0.00	63.06 2.83 0.00	68.60 3.02 0.00	81.01 4.37 0.00	90.89 6.26 0.00	99.44 7.11 0.00	121.94 9.37 -1.03	137.39 10.39 -8.91	149.38 11.25 -13.09	147.16 11.17 -3.05	122.00 8.41 -2.97	93.07 5.84 0.00	71.04 3.32 0.00	60.99 2.85 0.00	53.23 2.34 0.00
FALCON__SEABRD_CC1 323796	54.96 0.27 0.00	53.00 0.21 0.00	50.00 0.15 0.00	49.21 0.30 0.00	48.14 0.34 0.00	46.88 0.42 0.00	48.70 0.43 0.00	50.72 0.45 0.00	53.03 0.42 0.00	54.64 -0.22 0.00	58.90 -1.33 0.00	63.55 -2.03 0.00	74.18 -2.46 0.00	81.08 -3.55 0.00	88.09 -4.25 0.00	105.96 -5.57 0.00	111.83 -6.26 0.00	118.52 -6.51 0.00	126.57 -6.38 0.00	105.64 -4.98 0.00	83.39 -3.84 0.00	65.15 -2.57 0.00	56.34 -1.80 0.00	50.33 -0.56 0.00
FALCON__SEABRD_CC2 323797	54.96 0.27 0.00	53.00 0.21 0.00	50.00 0.15 0.00	49.21 0.30 0.00	48.14 0.34 0.00	46.88 0.42 0.00	48.70 0.43 0.00	50.72 0.45 0.00	53.03 0.42 0.00	54.64 -0.22 0.00	58.90 -1.33 0.00	63.55 -2.03 0.00	74.18 -2.46 0.00	81.08 -3.55 0.00	88.09 -4.25 0.00	105.96 -5.57 0.00	111.83 -6.26 0.00	118.52 -6.51 0.00	126.57 -6.38 0.00	105.64 -4.98 0.00	83.39 -3.84 0.00	65.15 -2.57 0.00	56.34 -1.80 0.00	50.33 -0.56 0.00

FAR ROCKAWAY___4 23548	57.69 3.01 0.00	55.74 2.96 0.00	52.89 3.04 0.00	51.65 2.74 0.00	50.19 2.39 0.00	48.74 2.28 0.00	50.83 2.56 0.00	53.33 3.07 0.00	55.66 3.05 0.00	58.14 3.29 0.01	64.86 4.64 0.00	71.75 6.16 0.00	84.91 8.28 0.00	101.53 11.00 -5.90	108.31 12.00 -3.97	141.66 15.62 -14.50	178.66 17.12 -43.45	210.33 18.50 -66.80	187.39 18.61 -35.83	143.80 14.49 -18.69	106.27 10.55 -8.49	74.43 6.70 0.00	62.56 4.42 0.00	55.47 4.58 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	57.04 2.35 0.00	54.95 2.16 0.00	51.64 1.79 0.00	50.48 1.57 0.00	49.33 1.53 0.00	48.23 1.77 0.00	50.39 2.12 0.00	52.93 2.66 0.00	55.66 3.05 0.00	58.43 3.57 0.00	64.44 4.22 0.00	69.85 4.26 0.00	82.77 6.13 0.00	93.18 8.55 0.00	101.49 9.14 -0.01	124.71 12.16 -1.02	147.51 13.46 -15.96	164.91 14.63 -25.25	150.27 14.36 -2.96	124.24 10.73 -2.89	94.64 7.41 0.00	72.06 4.33 0.00	62.16 4.01 0.00	54.14 3.26 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	57.04 2.35 0.00	54.95 2.16 0.00	51.69 1.84 0.00	50.48 1.57 0.00	49.33 1.53 0.00	48.27 1.81 0.00	50.39 2.12 0.00	52.93 2.66 0.00	55.66 3.05 0.00	58.43 3.57 0.00	64.44 4.22 0.00	69.85 4.26 0.00	82.77 6.13 0.00	93.09 8.46 0.00	101.49 9.14 -0.01	124.71 12.16 -1.02	147.51 13.46 -15.96	164.91 14.63 -25.25	150.27 14.36 -2.96	124.35 10.84 -2.89	94.73 7.50 0.00	72.06 4.33 0.00	62.16 4.01 0.00	54.14 3.26 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	56.98 2.30 0.00	54.89 2.11 0.00	51.64 1.79 0.00	50.43 1.52 0.00	49.28 1.48 0.00	48.23 1.77 0.00	50.39 2.12 0.00	52.93 2.66 0.00	55.61 3.00 0.00	58.37 3.51 0.00	64.38 4.16 0.00	69.78 4.20 0.00	82.69 6.05 0.00	93.09 8.46 0.00	101.39 9.05 -0.01	124.60 12.05 -1.02	147.39 13.34 -15.96	164.78 14.50 -25.25	150.14 14.23 -2.96	124.13 10.62 -2.89	94.55 7.33 0.00	71.92 4.20 0.00	62.10 3.95 0.00	54.09 3.21 0.00
FARRAGUT___LBMP 323566	56.93 2.24 0.00	54.89 2.11 0.00	51.59 1.74 0.00	50.43 1.52 0.00	49.23 1.43 0.00	48.18 1.72 0.00	50.30 2.03 0.00	52.83 2.56 0.00	55.55 2.95 0.00	58.32 3.46 0.00	64.32 4.10 0.00	69.71 4.13 0.00	82.62 5.98 0.00	92.92 8.29 0.00	101.30 8.96 0.00	124.49 11.93 -1.02	147.28 13.23 -15.96	164.53 14.25 -25.25	150.00 14.09 -2.96	124.02 10.51 -2.89	94.47 7.24 0.00	71.92 4.20 0.00	62.04 3.90 0.00	54.04 3.15 0.00
FARRCKWY_69_KV_BK2 55825	57.69 3.01 0.00	55.74 2.96 0.00	52.89 3.04 0.00	51.65 2.74 0.00	50.19 2.39 0.00	48.74 2.28 0.00	50.83 2.56 0.00	53.33 3.07 0.00	55.66 3.05 0.00	58.14 3.29 0.01	64.86 4.64 0.00	71.75 6.16 0.00	84.91 8.28 0.00	101.53 11.00 -5.90	108.31 12.00 -3.97	141.66 15.62 -14.50	178.66 17.12 -43.45	210.33 18.50 -66.80	187.39 18.61 -35.83	143.80 14.49 -18.69	106.27 10.55 -8.49	74.43 6.70 0.00	62.56 4.42 0.00	55.47 4.58 0.00
FENNER___WINDPWR 24204	55.93 0.99 -0.26	54.05 0.84 -0.42	51.26 0.75 -0.66	50.20 0.68 -0.61	49.46 0.76 -0.89	47.49 0.79 -0.24	49.73 0.91 -0.54	51.40 0.95 -0.17	53.91 1.05 -0.25	56.33 0.99 -0.48	61.70 1.09 -0.39	66.91 1.18 -0.15	78.20 1.15 -0.41	86.69 1.69 -0.37	93.91 1.94 0.37	115.01 2.23 -1.24	121.22 2.01 -1.12	128.39 2.12 -1.24	138.30 2.80 -2.55	113.17 2.43 -0.13	87.56 1.74 1.41	67.99 1.08 0.81	58.37 0.81 0.59	51.09 0.61 0.41
FIBERTEK___ENERGY 23856	55.74 -0.16 -1.21	53.91 -0.37 -1.50	51.20 -0.40 -1.75	50.08 -0.44 -1.61	49.42 -0.43 -2.05	47.03 -0.33 -0.89	49.48 -0.29 -1.50	51.03 -0.20 -0.96	53.65 -0.11 -1.14	56.29 -0.05 -1.48	61.70 -0.12 -1.60	66.99 0.00 -1.41	78.93 -0.15 -2.45	87.56 0.17 -2.76	94.63 0.37 -1.92	117.58 0.56 -5.49	123.27 0.24 -4.94	129.77 -0.25 -4.99	140.13 -0.13 -7.31	113.96 0.00 -3.35	87.05 -0.17 0.00	67.32 -0.41 0.00	57.74 -0.41 0.00	50.48 -0.41 0.00
FITZPATRICK___ 23598	46.40 -1.70 6.59	42.90 -1.74 8.14	38.68 -1.64 9.53	38.50 -1.66 8.75	35.03 -1.63 11.15	40.04 -1.58 4.84	38.50 -1.64 8.13	43.40 -1.66 5.21	44.70 -1.69 6.22	45.10 -1.70 8.06	49.60 -1.93 8.70	55.90 -2.03 7.65	60.80 -2.53 13.31	67.10 -2.54 14.99	79.20 -2.68 10.45	78.60 -3.12 29.81	87.70 -3.54 26.85	93.90 -4.01 27.12	89.10 -4.12 39.73	89.10 -3.32 18.20	84.52 -2.70 0.00	65.49 -2.23 0.00	56.28 -1.86 0.00	49.16 -1.73 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	57.31 2.62 0.00	55.21 2.43 0.00	52.04 2.19 0.00	50.87 1.96 0.00	49.66 1.86 0.00	48.46 2.00 0.00	50.49 2.22 0.00	52.83 2.56 0.00	55.45 2.84 0.00	58.10 3.24 0.00	64.20 3.97 0.00	69.98 4.39 0.00	82.62 5.98 0.00	92.50 7.87 0.00	101.29 8.96 0.00	123.80 11.49 -0.78	140.51 12.52 -9.91	154.21 13.63 -15.55	149.50 14.09 -2.45	123.85 10.84 -2.40	94.82 7.59 0.00	72.20 4.47 0.00	61.92 3.78 0.00	53.89 3.00 0.00
FORT ORANGE___ 23900	37.21 0.66 18.14	33.02 0.79 20.55	35.86 0.70 14.69	36.75 0.59 12.75	48.10 0.48 0.18	46.88 0.42 0.00	48.65 0.38 0.00	50.42 0.15 0.00	52.40 -0.21 0.00	54.59 -0.27 0.00	60.05 -0.18 0.00	65.45 -0.13 0.00	76.64 0.00 0.00	85.39 0.76 0.00	93.53 1.20 0.00	94.43 1.89 19.00	56.24 2.59 64.44	58.85 3.13 69.31	81.38 3.19 54.76	60.15 2.99 53.45	73.03 2.18 16.38	68.67 0.95 0.00	57.30 0.87 1.71	52.21 1.32 0.00
FORT_DRUM_COGEN 23780	58.02 2.46 -0.88	56.19 2.32 -1.08	53.26 2.14 -1.27	52.23 2.15 -1.16	51.58 2.29 -1.48	49.38 2.28 -0.64	51.76 2.41 -1.08	53.42 2.46 -0.69	55.96 2.53 -0.83	58.07 2.14 -1.07	63.43 2.05 -1.16	68.50 1.90 -1.02	79.64 1.23 -1.77	87.98 1.35 -2.00	95.11 1.39 -1.39	116.62 1.12 -3.97	122.02 0.35 -3.57	129.89 1.25 -3.61	141.43 3.19 -5.29	116.13 3.10 -2.42	90.02 2.79 0.00	69.96 2.23 0.00	59.89 1.74 0.00	52.41 1.53 0.00
FOX_HILLS___ESR 323835	57.32 2.62 -0.01	55.22 2.43 -0.01	51.95 2.09 -0.01	50.78 1.86 -0.01	49.62 1.82 -0.01	48.56 2.09 -0.01	50.59 2.32 -0.01	53.24 2.97 -0.01	55.88 3.26 -0.01	58.54 3.68 -0.01	64.63 4.39 -0.01	69.78 4.20 0.00	82.84 6.20 0.00	93.10 8.46 -0.01	100.94 8.59 -0.02	124.38 11.82 -1.02	147.15 13.11 -15.96	164.39 14.12 -25.24	150.05 14.09 -3.01	124.07 10.51 -2.94	94.56 7.33 -0.01	72.00 4.27 0.00	62.39 4.24 -0.01	54.51 3.61 -0.01
FPL_FAR_ROCK_GT1 24212	57.47 2.79 0.00	55.58 2.80 0.00	52.79 2.94 0.00	51.60 2.69 0.00	50.14 2.34 0.00	48.64 2.18 0.00	50.73 2.46 0.00	53.33 3.07 0.00	55.55 2.94 0.00	58.14 3.29 0.01	64.86 4.64 0.00	71.68 6.10 0.00	84.99 8.35 0.00	101.45 10.92 -5.90	108.03 11.73 -3.97	141.54 15.50 -14.50	178.66 17.12 -43.45	210.33 18.50 -66.80	187.43 18.61 -35.87	143.72 14.37 -18.73	106.18 10.46 -8.49	74.43 6.71 0.00	62.62 4.48 0.00	54.96 4.07 0.00
FPL_FAR_ROCK_GT2 23815	57.47 2.79 0.00	55.58 2.80 0.00	52.79 2.94 0.00	51.60 2.69 0.00	50.14 2.34 0.00	48.64 2.18 0.00	50.73 2.46 0.00	53.33 3.07 0.00	55.55 2.94 0.00	58.14 3.29 0.01	64.86 4.64 0.00	71.68 6.10 0.00	84.99 8.35 0.00	101.45 10.92 -5.90	108.03 11.73 -3.97	141.54 15.50 -14.50	178.66 17.12 -43.45	210.33 18.50 -66.80	187.43 18.61 -35.87	143.72 14.37 -18.73	106.18 10.46 -8.49	74.43 6.71 0.00	62.62 4.48 0.00	54.96 4.07 0.00

FRANKLIN_FALL_HYD 24054	54.69 0.00 0.00	52.78 0.00 0.00	49.80 -0.05 0.00	49.01 0.10 0.00	47.99 0.19 0.00	46.74 0.28 0.00	48.61 0.34 0.00	50.52 0.25 0.00	52.77 0.16 0.00	54.69 -0.16 0.00	59.68 -0.54 0.00	64.66 -0.92 0.00	75.49 -1.15 0.00	82.34 -2.28 0.00	89.29 -3.05 0.00	107.52 -4.02 0.00	113.37 -4.72 0.00	120.28 -4.75 0.00	128.69 -4.25 0.00	107.74 -2.88 0.00	85.05 -2.18 0.00	66.57 -1.15 0.00	56.98 -1.16 0.00	50.17 -0.71 0.00
FREEPORT_EQUS_GT1 23764	57.04 2.35 0.00	55.21 2.43 0.00	52.54 2.69 0.00	51.36 2.44 0.00	49.85 2.05 0.00	48.32 1.86 0.00	50.39 2.12 0.00	53.03 2.76 0.00	55.18 2.58 0.00	57.59 2.74 0.01	64.28 3.97 -0.08	71.02 5.44 0.00	84.23 7.59 0.00	99.92 9.39 -5.90	106.55 10.16 -4.06	139.90 13.72 -14.64	178.16 15.24 -44.84	208.96 16.50 -67.43	185.63 16.48 -36.20	142.11 12.50 -19.00	105.10 8.99 -8.89	74.03 6.10 -0.21	62.08 3.90 -0.04	54.60 3.71 0.00
FREEPORT___CT2 23818	57.04 2.35 0.00	55.21 2.43 0.00	52.54 2.69 0.00	51.36 2.44 0.00	49.85 2.05 0.00	48.32 1.86 0.00	50.39 2.12 0.00	53.03 2.76 0.00	55.18 2.58 0.00	57.59 2.74 0.01	64.28 3.97 -0.08	71.02 5.44 0.00	84.23 7.59 0.00	99.92 9.39 -5.90	106.55 10.16 -4.06	139.90 13.72 -14.64	178.16 15.24 -44.84	208.96 16.50 -67.43	185.63 16.48 -36.20	142.11 12.50 -19.00	105.10 8.99 -8.89	74.03 6.10 -0.21	62.08 3.90 -0.04	54.60 3.71 0.00
FRESHKLS_33_KV_LOAD 356253	57.43 2.73 -0.01	55.33 2.53 -0.01	52.05 2.19 -0.01	50.93 2.01 -0.01	49.77 1.96 -0.01	48.70 2.23 -0.01	50.79 2.51 -0.01	53.34 3.07 -0.01	55.99 3.37 -0.01	58.60 3.73 -0.01	64.63 4.39 -0.01	69.78 4.20 0.00	82.84 6.20 0.00	93.10 8.46 -0.01	100.94 8.59 -0.02	124.50 11.94 -1.02	147.15 13.11 -15.96	164.51 14.25 -25.24	150.19 14.23 -3.01	124.17 10.62 -2.94	94.74 7.50 -0.01	72.13 4.40 0.00	62.39 4.24 -0.01	54.56 3.67 -0.01
FULTON COGEN____ 23766	56.89 -0.87 -3.08	55.16 -1.06 -3.43	52.30 -1.00 -3.45	51.00 -1.08 -3.17	50.37 -1.05 -3.62	47.55 -0.98 -2.06	50.31 -0.97 -3.01	51.89 -0.90 -2.53	54.60 -0.89 -2.88	57.16 -0.88 -3.18	63.08 -1.02 -3.88	68.54 -1.11 -4.07	81.77 -1.46 -6.59	91.01 -1.35 -7.73	98.58 -1.29 -7.53	123.71 -1.45 -13.62	128.58 -1.77 -12.26	134.81 -2.25 -12.03	145.76 -2.26 -15.07	119.33 -1.77 -10.48	90.59 -1.48 -4.84	69.16 -1.35 -2.79	59.07 -1.10 -2.03	51.26 -1.02 -1.39
FULTON___LFGE 323630	61.50 3.28 -3.53	60.11 3.33 -4.00	55.80 3.09 -2.86	54.28 2.89 -2.48	50.70 2.87 -0.03	49.34 2.88 0.00	51.12 2.85 0.00	52.43 2.16 0.00	54.29 1.68 0.00	56.06 1.21 0.00	61.37 1.14 0.00	67.09 1.51 0.00	78.47 1.84 0.00	87.51 3.60 0.00	95.93 5.69 -2.48	119.71 6.85 -8.42	133.36 8.38 -9.00	142.41 10.10 -6.86	149.91 8.96 -6.70	126.27 7.06 -3.19	97.48 5.14 0.00	72.87 4.13 -0.33	62.60 4.13 -0.33	54.09 3.21 0.00
G.F.CEMENT___DRP 24184	63.84 2.73 -6.41	62.96 2.90 -7.27	57.78 2.74 -5.19	55.97 2.54 -4.51	50.30 2.44 -0.06	48.88 2.42 0.00	50.83 2.56 0.00	52.63 2.36 0.00	54.61 2.00 0.00	56.67 1.81 0.00	62.39 2.17 0.00	68.47 2.89 0.00	80.16 3.53 0.00	89.54 4.91 0.00	98.34 6.00 0.00	124.36 7.92 -4.91	143.00 8.27 -16.64	151.71 8.88 -17.80	156.14 9.17 -14.02	131.82 7.52 -13.68	99.56 6.54 -5.79	72.40 4.67 0.00	62.70 3.95 -0.61	53.84 2.95 0.00
GARDENVILLE___LBMP 24039	50.11 -3.39 1.19	46.82 -4.12 1.85	45.15 -3.89 0.81	44.78 -3.72 0.41	44.49 -3.30 0.01	41.82 -3.44 1.20	39.74 -3.04 5.49	41.72 -2.51 6.03	39.10 -2.05 11.45	44.58 -2.03 8.25	50.16 -2.41 7.66	55.14 -2.30 8.15	63.55 -3.68 9.41	65.15 -3.98 15.50	73.28 -4.52 14.53	82.42 -6.13 22.98	87.63 -7.32 23.13	87.19 -8.50 29.33	94.92 -8.64 29.39	87.80 -6.19 16.62	70.61 -4.97 11.64	56.72 -4.40 6.61	50.67 -4.48 3.00	45.10 -4.02 1.76
GARDNVLA_35_KV_LD 355827	50.27 -3.23 1.19	47.14 -3.91 1.74	45.40 -3.69 0.76	44.93 -3.57 0.41	44.69 -3.11 0.01	42.13 -3.21 1.13	40.62 -2.80 4.85	42.61 -2.26 5.39	40.75 -1.74 10.12	45.87 -1.70 7.29	51.33 -2.05 6.85	56.32 -1.90 7.36	64.92 -3.14 8.57	67.99 -3.47 13.17	75.23 -3.97 13.13	86.01 -5.47 20.06	91.41 -6.61 20.07	92.05 -7.88 25.10	100.25 -7.84 24.86	90.13 -5.64 14.85	71.75 -4.54 10.94	57.31 -4.20 6.21	50.89 -4.30 2.95	45.26 -3.87 1.76
GELCKHM__115KV_LOAD 80723	54.43 -0.60 -0.34	52.59 -0.79 -0.60	50.03 -0.80 -0.98	48.98 -0.83 -0.90	48.33 -0.81 -1.34	46.06 -0.74 -0.34	48.35 -0.72 -0.80	49.84 -0.65 -0.23	52.36 -0.58 -0.33	55.01 -0.55 -0.70	60.16 -0.60 -0.54	65.15 -0.59 -0.16	76.31 -0.84 -0.51	84.46 -0.59 -0.43	91.05 -0.55 0.73	112.67 -0.56 -1.69	118.79 -0.83 -1.53	125.49 -1.25 -1.71	135.36 -1.33 -3.74	109.61 -1.00 0.01	83.94 -0.96 2.33	65.44 -0.95 1.34	56.35 -0.81 0.97	49.45 -0.76 0.67
GENERAL___MILLS 23808	50.16 -3.34 1.19	47.00 -4.01 1.77	45.28 -3.79 0.78	44.83 -3.67 0.41	44.59 -3.20 0.01	42.01 -3.30 1.15	40.40 -2.85 5.02	42.34 -2.36 5.57	40.28 -1.84 10.48	45.50 -1.81 7.55	51.05 -2.11 7.07	55.97 -2.03 7.58	64.54 -3.30 8.80	67.19 -3.64 13.80	74.66 -4.16 13.51	85.00 -5.69 20.85	90.34 -6.85 20.90	90.65 -8.13 26.25	98.75 -8.11 26.09	89.53 -5.75 15.33	71.38 -4.71 11.13	57.07 -4.33 6.32	50.76 -4.42 2.96	45.15 -3.97 1.76
GE_PLASTICS___DRP 24183	44.06 0.33 10.95	40.85 0.48 12.41	41.43 0.45 8.87	41.60 0.39 7.70	48.03 0.33 0.11	46.74 0.28 0.00	48.51 0.24 0.00	50.27 0.00 0.00	52.40 -0.21 0.00	54.64 -0.22 0.00	60.10 -0.12 0.00	65.52 -0.07 0.00	76.79 0.15 0.00	85.39 0.76 0.00	93.53 1.20 0.00	101.42 1.56 11.68	80.48 2.01 39.62	84.66 2.25 42.62	101.10 1.99 33.85	79.46 1.88 33.04	78.73 1.40 9.89	68.27 0.54 0.00	57.75 0.64 1.03	51.85 0.97 0.00
GILBOA___1 23756	55.51 0.82 0.00	53.94 1.16 0.00	51.10 1.25 0.00	50.23 1.32 0.00	49.09 1.29 0.00	47.57 1.11 0.00	49.52 1.25 0.00	51.07 0.80 0.00	53.45 0.84 0.00	55.85 0.99 0.00	61.43 1.20 0.00	66.89 1.31 0.00	78.55 1.92 0.00	87.51 2.88 0.00	95.65 3.32 0.00	115.44 3.90 0.00	121.75 3.66 0.00	128.91 3.88 0.00	137.07 4.13 0.00	113.82 3.21 0.00	89.67 2.44 0.00	69.28 1.56 0.00	59.48 1.34 0.00	52.06 1.17 0.00
GILBOA___2 23757	55.51 0.82 0.00	53.94 1.16 0.00	51.10 1.25 0.00	50.23 1.32 0.00	49.09 1.29 0.00	47.57 1.11 0.00	49.52 1.25 0.00	51.07 0.80 0.00	53.45 0.84 0.00	55.85 0.99 0.00	61.43 1.20 0.00	66.89 1.31 0.00	78.55 1.92 0.00	87.51 2.88 0.00	95.65 3.32 0.00	115.44 3.90 0.00	121.75 3.66 0.00	128.91 3.88 0.00	137.07 4.13 0.00	113.82 3.21 0.00	89.67 2.44 0.00	69.28 1.56 0.00	59.48 1.34 0.00	52.06 1.17 0.00
GILBOA___3 23758	55.51 0.82 0.00	53.94 1.16 0.00	51.10 1.25 0.00	50.23 1.32 0.00	49.09 1.29 0.00	47.57 1.11 0.00	49.52 1.25 0.00	51.07 0.80 0.00	53.45 0.84 0.00	55.85 0.99 0.00	61.43 1.20 0.00	66.89 1.31 0.00	78.55 1.92 0.00	87.51 2.88 0.00	95.65 3.32 0.00	115.44 3.90 0.00	121.75 3.66 0.00	128.91 3.88 0.00	137.07 4.13 0.00	113.82 3.21 0.00	89.67 2.44 0.00	69.28 1.56 0.00	59.48 1.34 0.00	52.06 1.17 0.00

GILBOA___4 23759	55.51 0.82 0.00	53.94 1.16 0.00	51.10 1.25 0.00	50.23 1.32 0.00	49.09 1.29 0.00	47.57 1.11 0.00	49.52 1.25 0.00	51.07 0.80 0.00	53.45 0.84 0.00	55.85 0.99 0.00	61.43 1.20 0.00	66.89 1.31 0.00	78.55 1.92 0.00	87.51 2.88 0.00	95.65 3.32 0.00	115.44 3.90 0.00	121.75 3.66 0.00	128.91 3.88 0.00	137.07 4.13 0.00	113.82 3.21 0.00	89.67 2.44 0.00	69.28 1.56 0.00	59.48 1.34 0.00	52.06 1.17 0.00
GILBOA____ 23599	55.51 0.82 0.00	54.00 1.21 0.00	51.09 1.25 0.00	50.23 1.32 0.00	49.09 1.29 0.00	47.58 1.12 0.00	49.33 1.06 0.00	51.07 0.80 0.00	53.45 0.84 0.00	55.85 0.99 0.00	61.43 1.20 0.00	66.89 1.31 0.00	78.55 1.92 0.00	87.51 2.88 0.00	95.75 3.42 0.00	115.44 3.90 0.00	121.75 3.66 0.00	128.90 3.88 0.00	137.07 4.12 0.00	113.82 3.21 0.00	89.76 2.53 0.00	69.28 1.56 0.00	59.54 1.40 0.00	52.01 1.12 0.00
GINNA____ 23603	50.11 -3.17 1.41	48.04 -3.43 1.32	45.97 -3.29 0.59	45.09 -3.33 0.49	44.40 -3.39 0.01	42.28 -3.35 0.83	43.02 -3.86 1.38	44.53 -3.67 2.07	46.13 -3.47 3.00	49.37 -3.40 2.09	53.74 -3.86 2.63	58.32 -3.87 3.40	66.88 -5.29 4.47	72.69 -5.59 6.35	78.14 -6.28 7.91	94.73 -7.36 9.44	100.94 -8.15 9.00	105.73 -9.38 9.92	114.42 -9.84 8.69	94.14 -7.63 8.85	72.73 -6.36 8.13	58.39 -4.67 4.67	51.32 -3.72 3.11	45.04 -3.76 2.08
GLEN PARK____ 23778	58.39 2.79 -0.92	56.56 2.64 -1.14	53.62 2.44 -1.33	52.58 2.44 -1.22	51.89 2.53 -1.55	49.69 2.55 -0.67	52.06 2.65 -1.13	53.71 2.71 -0.73	56.31 2.84 -0.87	58.39 2.41 -1.12	63.78 2.35 -1.21	68.88 2.23 -1.07	80.03 1.53 -1.86	88.50 1.78 -2.09	95.54 1.75 -1.46	117.37 1.68 -4.16	122.67 0.83 -3.74	130.69 1.88 -3.78	142.47 3.98 -5.54	117.02 3.87 -2.54	90.63 3.40 0.00	70.44 2.71 0.00	60.23 2.09 0.00	52.67 1.78 0.00
GLENDALE_27_KV_LOAD 356172	57.42 2.73 0.00	55.33 2.53 -0.01	51.99 2.14 0.00	50.77 1.86 0.00	49.62 1.82 0.00	48.55 2.09 0.00	50.74 2.46 -0.01	53.29 3.02 -0.01	56.03 3.42 -0.01	58.82 3.95 -0.01	64.87 4.64 -0.01	70.11 4.53 0.00	83.15 6.51 0.00	93.60 8.97 0.00	101.84 9.51 0.01	125.14 12.60 -1.00	147.97 13.93 -15.95	165.26 15.00 -25.23	150.93 15.02 -2.96	124.79 11.28 -2.89	95.08 7.85 0.00	72.26 4.54 0.00	62.56 4.42 0.00	54.56 3.66 -0.01
GLENWOOD_IC_1_G5 23712	57.04 2.35 0.00	55.05 2.27 0.00	52.14 2.29 0.00	50.92 2.01 0.00	49.57 1.77 0.00	48.23 1.77 0.00	50.34 2.08 0.00	52.83 2.56 0.00	55.29 2.68 0.00	57.76 2.91 0.00	64.14 3.91 0.00	70.24 4.66 0.00	82.92 6.28 0.00	99.16 8.63 -5.90	105.91 9.60 -3.97	138.64 12.60 -14.50	175.47 13.93 -43.45	206.83 15.00 -66.80	183.67 14.89 -35.83	140.59 11.28 -18.69	103.74 8.02 -8.49	72.47 4.74 0.00	61.86 3.72 0.00	54.50 3.61 0.00
GLENWOOD_IC_2_G1 23688	56.71 2.02 0.00	54.74 1.95 0.00	51.74 1.89 0.00	50.62 1.71 0.00	49.33 1.53 0.00	48.04 1.58 0.00	50.10 1.83 0.00	52.63 2.36 0.00	55.03 2.42 0.00	57.66 2.80 0.00	63.84 3.61 0.00	69.84 4.26 0.00	82.69 6.05 0.00	98.74 8.21 -5.90	105.17 8.87 -3.97	138.09 12.05 -14.50	174.88 13.34 -43.45	206.20 14.37 -66.80	183.18 14.36 -35.87	140.19 10.85 -18.73	103.40 7.68 -8.49	72.33 4.61 0.00	61.69 3.55 0.00	53.99 3.10 0.00
GLENWOOD_IC_3_G1 23689	56.71 2.02 0.00	54.74 1.95 0.00	51.74 1.89 0.00	50.62 1.71 0.00	49.33 1.53 0.00	48.04 1.58 0.00	50.10 1.83 0.00	52.63 2.36 0.00	55.03 2.42 0.00	57.66 2.80 0.00	63.84 3.61 0.00	69.84 4.26 0.00	82.69 6.05 0.00	98.74 8.21 -5.90	105.17 8.87 -3.97	138.09 12.05 -14.50	174.88 13.34 -43.45	206.20 14.37 -66.80	183.18 14.36 -35.87	140.19 10.85 -18.73	103.40 7.68 -8.49	72.33 4.61 0.00	61.69 3.55 0.00	53.99 3.10 0.00
GLENWOOD___4 23550	57.04 2.35 0.00	55.05 2.27 0.00	52.14 2.29 0.00	50.92 2.01 0.00	49.57 1.77 0.00	48.23 1.77 0.00	50.34 2.08 0.00	52.83 2.56 0.00	55.29 2.68 0.00	57.76 2.91 0.00	64.14 3.91 0.00	70.30 4.72 0.00	83.08 6.44 0.00	99.42 8.89 -5.90	106.09 9.79 -3.97	138.87 12.83 -14.50	175.71 14.17 -43.45	207.21 15.38 -66.80	183.94 15.16 -35.83	140.92 11.61 -18.69	103.92 8.20 -8.49	72.67 4.94 0.00	61.86 3.72 0.00	54.50 3.61 0.00
GLENWOOD___5 23614	57.04 2.35 0.00	55.05 2.27 0.00	52.14 2.29 0.00	50.92 2.01 0.00	49.57 1.77 0.00	48.23 1.77 0.00	50.34 2.08 0.00	52.83 2.56 0.00	55.29 2.68 0.00	57.76 2.91 0.00	64.14 3.91 0.00	70.30 4.72 0.00	83.08 6.44 0.00	99.42 8.89 -5.90	106.09 9.79 -3.97	138.87 12.83 -14.50	175.71 14.17 -43.45	207.21 15.38 -66.80	183.94 15.16 -35.83	140.92 11.61 -18.69	103.92 8.20 -8.49	72.67 4.94 0.00	61.86 3.72 0.00	54.50 3.61 0.00
GLOBAL GREEN_PORT_GT1 23814	59.02 4.32 -0.01	56.90 4.12 0.00	54.43 4.58 0.00	53.12 4.21 0.00	51.29 3.49 0.00	49.01 2.55 0.00	51.07 2.80 0.00	54.09 3.82 0.00	56.60 4.00 0.00	59.29 4.44 0.01	67.90 6.68 -0.99	74.77 9.18 -0.01	93.42 12.19 -4.59	105.67 15.15 -5.89	127.61 16.81 -18.47	172.73 21.53 -39.67	336.57 23.27 -195.21	303.55 21.51 -157.01	242.98 24.46 -85.57	185.06 19.14 -55.30	149.76 14.05 -48.49	99.09 9.55 -21.81	68.48 6.22 -4.12	56.84 5.65 -0.31
GLOBE___DSASP 323697	49.58 -3.83 1.28	46.58 -4.54 1.66	44.93 -4.19 0.73	44.55 -3.91 0.44	43.78 -4.02 0.01	40.79 -4.60 1.07	39.24 -5.02 4.01	40.93 -4.73 4.61	39.93 -4.26 8.42	44.38 -4.44 6.04	49.25 -5.12 5.85	53.76 -5.38 6.45	61.71 -7.28 7.64	63.58 -8.21 12.84	70.72 -9.23 12.38	80.98 -11.82 18.74	86.14 -13.23 18.72	86.82 -14.88 23.33	94.36 -15.56 23.03	83.64 -11.95 15.03	67.21 -9.60 10.42	55.84 -5.96 5.93	49.56 -5.52 3.06	44.42 -4.58 1.89
GOETHSLN___LBMP 323567	56.71 2.02 0.00	54.63 1.85 0.00	51.34 1.50 0.00	50.18 1.27 0.00	48.99 1.19 0.00	47.95 1.49 0.00	50.10 1.83 0.00	52.63 2.36 0.00	55.34 2.74 0.00	58.15 3.29 0.00	64.02 3.79 0.00	69.25 3.67 0.01	82.15 5.52 0.01	92.50 7.87 0.00	100.75 8.40 -0.01	123.71 11.15 -1.02	146.57 12.52 -15.96	163.78 13.50 -25.25	149.21 13.29 -2.96	123.46 9.96 -2.89	93.94 6.72 0.00	71.51 3.79 0.01	61.86 3.72 0.00	53.89 3.00 0.00
GOLAH___69_KV_TB 1_2 80279	52.27 -1.04 1.37	49.85 -1.64 1.30	47.67 -1.60 0.58	46.87 -1.57 0.48	45.97 -1.82 0.01	43.78 -1.86 0.82	44.77 -2.08 1.43	46.36 -1.81 2.10	47.99 -1.53 3.09	51.11 -1.59 2.15	55.70 -1.87 2.66	60.33 -1.84 3.41	69.03 -3.14 4.47	75.11 -3.22 6.31	80.79 -3.69 7.85	97.54 -4.57 9.42	103.90 -5.20 9.00	108.82 -6.25 9.95	117.94 -6.25 8.76	97.21 -4.42 8.98	75.35 -3.84 8.04	60.81 -2.30 4.61	53.12 -1.98 3.04	46.87 -1.98 2.04
GOODYEAR_LAKE_HYD 323669	57.47 1.70 -1.09	55.78 1.74 -1.26	52.50 1.65 -1.00	51.41 1.61 -0.88	49.80 1.67 -0.33	48.27 1.67 -0.14	50.29 1.79 -0.24	52.18 1.76 -0.15	54.69 1.89 -0.19	57.07 1.97 -0.24	62.77 2.29 -0.25	68.36 2.56 -0.22	80.01 2.99 -0.38	89.21 4.15 -0.43	97.37 4.71 -0.33	118.92 5.69 -1.69	127.06 5.55 -3.42	134.82 6.13 -3.66	143.33 6.91 -3.47	118.82 5.53 -2.68	92.15 4.10 -0.82	70.43 2.71 0.00	60.32 2.09 -0.09	52.46 1.58 0.00

GOUDEY___7	54.74	52.90	50.12	49.05	48.48	46.62	49.62	51.39	54.66	56.93	62.08	67.36	78.67	87.94	95.05	117.51	123.78	131.82	141.70	113.93	87.64	67.41	57.27	50.06
345031	-0.11	-0.32	-0.35	-0.39	-0.14	-0.09	0.24	0.40	0.58	0.71	0.78	0.98	1.00	1.61	2.03	2.34	2.01	1.88	2.26	1.99	1.40	0.27	-0.23	-0.36
	-0.17	-0.43	-0.62	-0.53	-0.82	-0.26	-1.11	-0.72	-1.48	-1.35	-1.08	-0.80	-1.03	-1.70	-0.69	-3.63	-3.68	-4.92	-6.49	-1.32	0.98	0.58	0.64	0.47
GOUDEY___8	54.74	52.90	50.12	49.05	48.48	46.62	49.62	51.39	54.66	56.93	62.08	67.36	78.67	87.94	95.05	117.51	123.78	131.82	141.70	113.93	87.64	67.41	57.27	50.06
23579	-0.11	-0.32	-0.35	-0.39	-0.14	-0.09	0.24	0.40	0.58	0.71	0.78	0.98	1.00	1.61	2.03	2.34	2.01	1.88	2.26	1.99	1.40	0.27	-0.23	-0.36
	-0.17	-0.43	-0.62	-0.53	-0.82	-0.26	-1.11	-0.72	-1.48	-1.35	-1.08	-0.80	-1.03	-1.70	-0.69	-3.63	-3.68	-4.92	-6.49	-1.32	0.98	0.58	0.64	0.47
GOWANUS_GT1_1	54.74	52.90	50.12	49.05	48.48	46.62	49.62	51.39	54.66	56.93	62.08	67.36	78.67	87.94	95.05	117.51	123.78	131.82	141.70	113.93	87.64	67.41	57.27	50.06
24077	-0.11	-0.32	-0.35	-0.39	-0.14	-0.09	0.24	0.40	0.58	0.71	0.78	0.98	1.00	1.61	2.03	2.34	2.01	1.88	2.26	1.99	1.40	0.27	-0.23	-0.36
	-0.17	-0.43	-0.62	-0.53	-0.82	-0.26	-1.11	-0.72	-1.48	-1.35	-1.08	-0.80	-1.03	-1.70	-0.69	-3.63	-3.68	-4.92	-6.49	-1.32	0.98	0.58	0.64	0.47
GOWANUS_GT1_2	57.48	55.38	52.05	50.83	49.67	48.61	50.79	53.29	55.98	58.76	64.87	70.04	83.08	93.52	101.70	125.08	230.88	165.14	150.68	124.69	94.90	72.26	62.57	54.56
24078	2.79	2.59	2.19	1.91	1.86	2.14	2.51	3.02	3.37	3.90	4.64	4.46	6.44	8.89	9.33	12.38	13.70	14.88	14.76	11.17	7.68	4.54	4.42	3.66
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-2.97	-2.90	0.00	0.00	-0.01	-0.01
GOWANUS_GT1_3	57.48	55.38	52.05	50.83	49.67	48.61	50.79	53.29	55.98	58.76	64.87	70.04	83.08	93.52	101.70	125.08	230.88	165.14	150.68	124.69	94.90	72.26	62.57	54.56
24079	2.79	2.59	2.19	1.91	1.86	2.14	2.51	3.02	3.37	3.90	4.64	4.46	6.44	8.89	9.33	12.38	13.70	14.88	14.76	11.17	7.68	4.54	4.42	3.66
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-2.97	-2.90	0.00	0.00	-0.01	-0.01
GOWANUS_GT1_4	57.48	55.38	52.05	50.83	49.67	48.61	50.79	53.29	55.98	58.76	64.87	70.04	83.08	93.52	101.70	125.08	230.88	165.14	150.68	124.69	94.90	72.26	62.57	54.56
24080	2.79	2.59	2.19	1.91	1.86	2.14	2.51	3.02	3.37	3.90	4.64	4.46	6.44	8.89	9.33	12.38	13.70	14.88	14.76	11.17	7.68	4.54	4.42	3.66
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-2.97	-2.90	0.00	0.00	-0.01	-0.01
GOWANUS_GT1_5	57.48	55.38	52.05	50.83	49.67	48.61	50.79	53.29	55.98	58.76	64.87	70.04	83.08	93.52	101.70	125.08	230.88	165.14	150.68	124.69	94.90	72.26	62.57	54.56
24084	2.79	2.59	2.19	1.91	1.86	2.14	2.51	3.02	3.37	3.90	4.64	4.46	6.44	8.89	9.33	12.38	13.70	14.88	14.76	11.17	7.68	4.54	4.42	3.66
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-2.97	-2.90	0.00	0.00	-0.01	-0.01
GOWANUS_GT1_6	57.48	55.38	52.05	50.83	49.67	48.61	50.79	53.29	55.98	58.76	64.87	70.04	83.08	93.52	101.70	125.08	230.88	165.14	150.68	124.69	94.90	72.26	62.57	54.56
24111	2.79	2.59	2.19	1.91	1.86	2.14	2.51	3.02	3.37	3.90	4.64	4.46	6.44	8.89	9.33	12.38	13.70	14.88	14.76	11.17	7.68	4.54	4.42	3.66
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-2.97	-2.90	0.00	0.00	-0.01	-0.01
GOWANUS_GT1_7	57.48	55.38	52.05	50.83	49.67	48.61	50.79	53.29	55.98	58.76	64.87	70.04	83.08	93.52	101.70	125.08	230.88	165.14	150.68	124.69	94.90	72.26	62.57	54.56
24112	2.79	2.59	2.19	1.91	1.86	2.14	2.51	3.02	3.37	3.90	4.64	4.46	6.44	8.89	9.33	12.38	13.70	14.88	14.76	11.17	7.68	4.54	4.42	3.66
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-2.97	-2.90	0.00	0.00	-0.01	-0.01
GOWANUS_GT1_8	57.48	55.38	52.05	50.83	49.67	48.61	50.79	53.29	55.98	58.76	64.87	70.04	83.08	93.52	101.70	125.08	230.88	165.14	150.68	124.69	94.90	72.26	62.57	54.56
24113	2.79	2.59	2.19	1.91	1.86	2.14	2.51	3.02	3.37	3.90	4.64	4.46	6.44	8.89	9.33	12.38	13.70	14.88	14.76	11.17	7.68	4.54	4.42	3.66
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-2.97	-2.90	0.00	0.00	-0.01	-0.01
GOWANUS_GT2_1	57.43	55.33	52.00	50.78	49.62	48.56	50.64	53.34	55.99	58.76	64.87	70.04	83.08	93.44	101.33	125.08	230.76	165.01	150.72	124.51	94.82	72.19	62.63	54.66
24114	2.73	2.53	2.14	1.86	1.82	2.09	2.36	3.07	3.37	3.90	4.64	4.46	6.44	8.80	8.95	12.38	13.57	14.75	14.76	10.95	7.58	4.47	4.48	3.77
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-3.01	-2.94	-0.01	0.00	-0.01	-0.01
GOWANUS_GT2_2	57.43	55.33	52.00	50.78	49.62	48.56	50.64	53.34	55.99	58.76	64.87	70.04	83.08	93.44	101.33	125.08	230.76	165.01	150.72	124.51	94.82	72.19	62.63	54.66
24115	2.73	2.53	2.14	1.86	1.82	2.09	2.36	3.07	3.37	3.90	4.64	4.46	6.44	8.80	8.95	12.38	13.57	14.75	14.76	10.95	7.58	4.47	4.48	3.77
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-3.01	-2.94	-0.01	0.00	-0.01	-0.01
GOWANUS_GT2_3	57.43	55.33	52.00	50.78	49.62	48.56	50.64	53.34	55.99	58.76	64.87	70.04	83.08	93.44	101.33	125.08	230.76	165.01	150.72	124.51	94.82	72.19	62.63	54.66
24116	2.73	2.53	2.14	1.86	1.82	2.09	2.36	3.07	3.37	3.90	4.64	4.46	6.44	8.80	8.95	12.38	13.57	14.75	14.76	10.95	7.58	4.47	4.48	3.77
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-3.01	-2.94	-0.01	0.00	-0.01	-0.01
GOWANUS_GT2_4	57.43	55.33	52.00	50.78	49.62	48.56	50.64	53.34	55.99	58.76	64.87	70.04	83.08	93.44	101.33	125.08	230.76	165.01	150.72	124.51	94.82	72.19	62.63	54.66
24117	2.73	2.53	2.14	1.86	1.82	2.09	2.36	3.07	3.37	3.90	4.64	4.46	6.44	8.80	8.95	12.38	13.57	14.75	14.76	10.95	7.58	4.47	4.48	3.77
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-3.01	-2.94	-0.01	0.00	-0.01	-0.01

GOWANUS_GT2_5 24118	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.78 1.86 -0.01	49.62 1.82 -0.01	48.56 2.09 -0.01	50.64 2.36 -0.01	53.34 3.07 -0.01	55.99 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.44 8.80 -0.01	101.33 8.95 -0.04	125.08 12.38 -1.16	230.76 13.57 -99.09	165.01 14.75 -25.24	150.72 14.76 -3.01	124.51 10.95 -2.94	94.82 7.58 -0.01	72.19 4.47 0.00	62.63 4.48 -0.01	54.66 3.77 -0.01
GOWANUS_GT2_6 24119	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.78 1.86 -0.01	49.62 1.82 -0.01	48.56 2.09 -0.01	50.64 2.36 -0.01	53.34 3.07 -0.01	55.99 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.44 8.80 -0.01	101.33 8.95 -0.04	125.08 12.38 -1.16	230.76 13.57 -99.09	165.01 14.75 -25.24	150.72 14.76 -3.01	124.51 10.95 -2.94	94.82 7.58 -0.01	72.19 4.47 0.00	62.63 4.48 -0.01	54.66 3.77 -0.01
GOWANUS_GT2_7 24120	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.78 1.86 -0.01	49.62 1.82 -0.01	48.56 2.09 -0.01	50.64 2.36 -0.01	53.34 3.07 -0.01	55.99 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.44 8.80 -0.01	101.33 8.95 -0.04	125.08 12.38 -1.16	230.76 13.57 -99.09	165.01 14.75 -25.24	150.72 14.76 -3.01	124.51 10.95 -2.94	94.82 7.58 -0.01	72.19 4.47 0.00	62.63 4.48 -0.01	54.66 3.77 -0.01
GOWANUS_GT2_8 24121	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.78 1.86 -0.01	49.62 1.82 -0.01	48.56 2.09 -0.01	50.64 2.36 -0.01	53.34 3.07 -0.01	55.99 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.44 8.80 -0.01	101.33 8.95 -0.04	125.08 12.38 -1.16	230.76 13.57 -99.09	165.01 14.75 -25.24	150.72 14.76 -3.01	124.51 10.95 -2.94	94.82 7.58 -0.01	72.19 4.47 0.00	62.63 4.48 -0.01	54.66 3.77 -0.01
GOWANUS_GT3_1 24122	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.82 1.91 -0.01	49.67 1.86 -0.01	48.56 2.09 -0.01	50.69 2.41 -0.01	53.34 3.07 -0.01	55.99 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.15 6.51 0.00	93.52 8.88 -0.01	101.43 9.05 -0.04	125.08 12.38 -1.16	230.76 13.57 -99.09	165.01 14.75 -25.24	150.72 14.76 -3.01	124.51 10.95 -2.94	94.91 7.68 -0.01	72.26 4.54 0.00	62.63 4.48 -0.01	54.66 3.77 -0.01
GOWANUS_GT3_2 24123	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.82 1.91 -0.01	49.67 1.86 -0.01	48.56 2.09 -0.01	50.69 2.41 -0.01	53.34 3.07 -0.01	55.99 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.15 6.51 0.00	93.52 8.88 -0.01	101.43 9.05 -0.04	125.08 12.38 -1.16	230.76 13.57 -99.09	165.01 14.75 -25.24	150.72 14.76 -3.01	124.51 10.95 -2.94	94.91 7.68 -0.01	72.26 4.54 0.00	62.63 4.48 -0.01	54.66 3.77 -0.01
GOWANUS_GT3_3 24124	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.82 1.91 -0.01	49.67 1.86 -0.01	48.56 2.09 -0.01	50.69 2.41 -0.01	53.34 3.07 -0.01	55.99 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.15 6.51 0.00	93.52 8.88 -0.01	101.43 9.05 -0.04	125.08 12.38 -1.16	230.76 13.57 -99.09	165.01 14.75 -25.24	150.72 14.76 -3.01	124.51 10.95 -2.94	94.91 7.68 -0.01	72.26 4.54 0.00	62.63 4.48 -0.01	54.66 3.77 -0.01

GOWANUS_GT4_4 24133	57.48 2.79 -0.01	55.38 2.59 -0.01	52.05 2.19 -0.01	50.83 1.91 -0.01	49.67 1.86 -0.01	48.61 2.14 -0.01	50.79 2.51 -0.01	53.29 3.02 -0.01	55.98 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.52 8.93 -0.01	101.70 9.33 -0.04	125.08 12.38 -1.16	230.88 13.70 -99.09	165.02 14.75 -25.24	150.68 14.76 -2.97	124.69 11.17 -2.90	94.90 7.68 0.00	72.20 4.47 0.00	62.51 4.36 -0.01	54.56 3.66 -0.01
GOWANUS_GT4_5 24134	57.48 2.79 -0.01	55.38 2.59 -0.01	52.05 2.19 -0.01	50.83 1.91 -0.01	49.67 1.86 -0.01	48.61 2.14 -0.01	50.79 2.51 -0.01	53.29 3.02 -0.01	55.98 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.52 8.89 -0.01	101.70 9.33 -0.04	125.08 12.38 -1.16	230.88 13.70 -99.09	165.02 14.75 -25.24	150.68 14.76 -2.97	124.69 11.17 -2.90	94.90 7.68 0.00	72.20 4.47 0.00	62.51 4.36 -0.01	54.56 3.66 -0.01
GOWANUS_GT4_6 24135	57.48 2.79 -0.01	55.38 2.59 -0.01	52.05 2.19 -0.01	50.83 1.91 -0.01	49.67 1.86 -0.01	48.61 2.14 -0.01	50.79 2.51 -0.01	53.29 3.02 -0.01	55.98 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.52 8.89 -0.01	101.70 9.33 -0.04	125.08 12.38 -1.16	230.88 13.70 -99.09	165.02 14.75 -25.24	150.68 14.76 -2.97	124.69 11.17 -2.90	94.90 7.68 0.00	72.20 4.47 0.00	62.51 4.36 -0.01	54.56 3.66 -0.01
GOWANUS_GT4_7 24136	57.48 2.79 -0.01	55.38 2.59 -0.01	52.05 2.19 -0.01	50.83 1.91 -0.01	49.67 1.86 -0.01	48.61 2.14 -0.01	50.79 2.51 -0.01	53.29 3.02 -0.01	55.98 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.52 8.89 -0.01	101.70 9.33 -0.04	125.08 12.38 -1.16	230.88 13.70 -99.09	165.02 14.75 -25.24	150.68 14.76 -2.97	124.69 11.17 -2.90	94.90 7.68 0.00	72.20 4.47 0.00	62.51 4.36 -0.01	54.56 3.66 -0.01
GOWANUS_GT4_8 24137	57.48 2.79 -0.01	55.38 2.59 -0.01	52.05 2.19 -0.01	50.83 1.91 -0.01	49.67 1.86 -0.01	48.61 2.14 -0.01	50.79 2.51 -0.01	53.29 3.02 -0.01	55.98 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.52 8.89 -0.01	101.70 9.33 -0.04	125.08 12.38 -1.16	230.88 13.70 -99.09	165.02 14.75 -25.24	150.68 14.76 -2.97	124.69 11.17 -2.90	94.90 7.68 0.00	72.20 4.47 0.00	62.51 4.36 -0.01	54.56 3.66 -0.01
GREENBSH_115KV_TB3 55895	36.01 0.60 19.28	31.68 0.74 21.84	34.89 0.65 15.61	35.89 0.54 13.55	48.09 0.48 0.19	46.88 0.42 0.00	48.66 0.39 0.00	50.42 0.15 0.00	52.50 -0.11 0.00	54.75 -0.11 0.00	60.23 0.00 0.00	65.71 0.13 0.00	77.02 0.38 0.00	85.73 1.10 0.00	94.00 1.66 0.00	93.59 2.23 20.18	52.37 2.72 68.44	54.42 3.00 73.61	77.42 2.92 58.46	56.21 2.65 57.06	71.65 1.83 17.41	68.61 0.88 0.00	57.25 0.93 1.82	51.80 0.92 0.00
GREENDGE_115KV_TB5 80291	56.14 1.26 -0.20	55.12 0.69 -1.65	51.71 0.60 -1.26	49.97 0.39 -0.67	49.60 0.76 -1.03	48.42 0.88 -1.08	57.89 1.40 -8.22	59.58 1.66 -7.66	70.31 1.74 -15.97	68.53 1.70 -11.97	71.90 1.75 -9.93	77.02 2.10 -9.34	88.79 1.99 -10.15	106.46 2.62 -19.21	110.28 3.32 -14.62	148.30 4.02 -32.75	155.91 3.78 -34.05	175.38 3.75 -46.60	188.99 4.79 -51.26	133.22 4.65 -17.95	96.73 3.49 -6.02	72.69 1.69 -3.27	58.69 0.81 0.27	50.88 0.61 0.62
GREENIDGE___3 23582	56.14 1.26 -0.20	55.12 0.69 -1.65	51.71 0.60 -1.26	49.97 0.39 -0.67	49.60 0.76 -1.03	48.42 0.88 -1.08	57.89 1.40 -8.22	59.58 1.66 -7.66	70.31 1.74 -15.97	68.53 1.70 -11.97	71.90 1.75 -9.93	77.02 2.10 -9.34	88.79 1.99 -10.15	106.46 2.62 -19.21	110.28 3.32 -14.62	148.30 4.02 -32.75	155.91 3.78 -34.05	175.38 3.75 -46.60	188.99 4.79 -51.26	133.22 4.65 -17.95	96.73 3.49 -6.02	72.69 1.69 -3.27	58.69 0.81 0.27	50.88 0.61 0.62
GREENIDGE___4 23583	56.19 1.31 -0.20	55.11 0.68 -1.65	51.71 0.60 -1.26	50.07 0.49 -0.67	49.60 0.76 -1.03	48.42 0.88 -1.08	57.94 1.45 -8.22	59.58 1.66 -7.66	70.31 1.73 -15.97	68.53 1.70 -11.97	71.90 1.75 -9.93	77.02 2.10 -9.34	88.78 1.99 -10.15	106.47 2.63 -19.21	110.19 3.23 -14.62	148.30 4.01 -32.75	155.91 3.78 -34.05	175.26 3.63 -46.60	188.99 4.78 -51.26	133.21 4.64 -17.95	96.12 2.87 -6.02	72.75 1.76 -3.27	58.86 0.99 0.27	50.83 0.56 0.62
GREENLWN_69_KV_BK 3 55738	56.10 1.42 0.00	54.63 1.85 0.00	52.39 2.54 0.00	51.16 2.25 0.00	49.57 1.77 0.00	47.99 1.53 0.00	50.06 1.79 0.00	52.48 2.21 0.00	54.40 1.79 0.00	56.22 1.37 0.01	61.84 2.41 0.79	69.51 3.93 0.00	79.14 5.67 3.17	98.75 8.21 -5.91	99.45 9.23 2.12	127.45 12.27 -3.64	133.91 13.58 -2.24	173.23 14.63 -33.57	163.98 14.62 -16.40	127.35 11.06 -5.67	94.10 7.76 0.89	66.77 4.54 5.49	59.60 2.38 0.92	54.38 3.56 0.07
GREENWD_138_KV_38B11_REV_LBMP_J 345004	57.48 2.79 -0.01	55.38 2.59 -0.01	52.05 2.19 -0.01	50.83 1.91 -0.01	49.67 1.86 -0.01	48.61 2.14 -0.01	50.79 2.51 -0.01	53.29 3.02 -0.01	55.98 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.52 8.89 -0.01	101.70 9.33 -0.04	125.08 12.38 -1.16	230.88 13.70 -99.09	165.14 14.88 -25.24	150.68 14.76 -2.97	124.69 11.17 -2.90	94.90 7.68 0.00	72.26 4.54 0.00	62.57 4.42 -0.01	54.56 3.66 -0.01
GRISSOM___SOLAR 323813	61.34 3.06 -3.60	59.97 3.11 -4.07	55.65 2.89 -2.91	54.18 2.74 -2.53	50.51 2.68 -0.04	49.15 2.69 0.00	50.92 2.65 0.00	52.33 2.06 0.00	54.13 1.53 0.00	55.96 1.10 0.00	61.25 1.02 0.00	66.89 1.31 0.00	78.25 1.61 0.00	87.17 2.54 0.00	95.65 3.32 0.00	119.31 5.24 -2.53	133.03 6.37 -8.57	141.94 7.75 -9.16	149.38 9.44 -6.99	125.95 8.52 -6.82	97.10 6.63 -3.25	72.53 4.81 0.00	62.32 3.84 -0.34	53.94 3.05 0.00
GROVEVILLE___HYD 323602	57.31 2.62 0.00	55.21 2.43 0.00	52.04 2.19 0.00	50.87 1.96 0.00	49.66 1.86 0.00	48.46 2.00 0.00	50.49 2.22 0.00	52.83 2.56 0.00	55.45 2.84 0.00	58.10 3.24 0.00	64.20 3.97 0.00	69.98 4.39 0.00	82.62 5.98 0.00	92.50 7.87 0.00	101.29 8.96 0.00	123.80 11.49 -0.78	140.51 12.52 -9.91	154.21 13.63 -15.55	149.50 14.09 -2.45	123.85 10.84 -2.40	94.82 7.59 0.00	72.20 4.47 0.00	61.92 3.78 0.00	53.89 3.00 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	55.74 -0.16 -1.21	53.91 -0.37 -1.50	51.20 -0.40 -1.75	50.08 -0.44 -1.61	49.42 -0.43 -2.05	47.03 -0.33 -0.89	49.48 -0.29 -1.50	51.03 -0.20 -0.96	53.65 -0.11 -1.14	56.29 -0.05 -1.48	61.70 -0.12 -1.60	66.99 0.00 -1.41	78.93 -0.15 -2.45	87.56 0.17 -2.76	94.63 0.37 -1.92	117.58 0.56 -5.49	123.27 0.24 -4.94	129.77 -0.25 -4.99	140.13 -0.13 -7.31	113.96 0.00 -3.35	87.05 -0.17 0.00	67.32 -0.41 0.00	57.74 -0.41 0.00	50.48 -0.41 0.00
HAMLTNNY_34_KV_TB 80303	55.90 0.00 -1.21	53.97 -0.32 -1.50	51.30 -0.30 -1.75	50.13 -0.39 -1.61	49.47 -0.38 -2.05	47.07 -0.28 -0.89	49.52 -0.24 -1.50	51.08 -0.15 -0.96	53.70 -0.05 -1.15	56.34 0.00 -1.48	61.83 0.00 -1.60	67.12 0.13 -1.41	79.01 -0.08 -2.45	87.64 0.25 -2.76	94.72 0.46 -1.92	117.70 0.67 -5.49	123.39 0.35 -4.94	129.90 -0.13 -4.99	140.26 0.00 -7.31	114.19 0.22 -3.35	87.14 -0.09 0.00	67.45 -0.27 0.00	57.85 -0.29 0.00	50.53 -0.36 0.00

HAMPSHIRE___PAPER_HYD 323593	55.32 0.27 -0.35	53.70 0.47 -0.44	50.76 0.40 -0.51	49.87 0.49 -0.47	49.02 0.62 -0.60	47.37 0.65 -0.26	49.58 0.87 -0.44	51.35 0.80 -0.28	53.68 0.74 -0.34	55.68 0.39 -0.43	60.75 0.06 -0.47	65.67 -0.33 -0.41	76.36 -1.00 -0.72	83.66 -1.78 -0.81	90.68 -2.22 -0.56	110.14 -3.01 -1.61	115.75 -3.78 -1.45	123.12 -3.37 -1.46	132.83 -2.26 -2.14	110.05 -1.55 -0.98	86.36 -0.87 0.00	67.39 -0.34 0.00	57.85 -0.29 0.00	50.84 -0.05 0.00
HARDSCRABBLE_WT_PWR 323673	55.23 0.55 0.00	53.31 0.53 0.00	50.35 0.50 0.00	49.40 0.49 0.00	48.28 0.48 0.00	46.97 0.51 0.00	48.85 0.58 0.00	50.87 0.61 0.00	53.29 0.68 0.00	55.57 0.71 0.00	61.01 0.78 0.00	66.50 0.92 0.00	77.63 0.99 0.00	85.98 1.35 0.00	93.81 1.47 0.00	112.98 1.45 0.00	118.92 0.83 0.00	125.91 0.88 0.00	134.01 1.06 0.00	111.17 0.56 0.00	87.40 0.17 0.00	67.52 -0.20 0.00	57.97 -0.17 0.00	50.63 -0.25 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	56.76 2.08 0.00	54.68 1.90 0.00	51.54 1.69 0.00	50.38 1.47 0.00	49.19 1.39 0.00	47.99 1.53 0.00	50.06 1.79 0.00	52.48 2.21 0.00	55.03 2.42 0.00	57.77 2.91 0.00	63.84 3.61 0.00	69.58 4.00 0.00	82.16 5.52 0.00	92.08 7.45 0.00	100.83 8.49 0.00	123.20 10.82 -0.84	179.71 11.69 -49.93	221.61 12.75 -83.83	148.48 13.03 -2.50	123.12 10.07 -2.44	94.29 7.07 0.00	71.72 4.00 0.00	61.46 3.31 0.00	53.53 2.65 0.00
HARSNRAD_115KV_TB1 81005	49.31 -4.10 1.27	46.28 -4.86 1.65	44.53 -4.59 0.73	44.12 -4.35 0.44	43.44 -4.35 0.01	40.84 -4.55 1.07	40.02 -4.25 4.00	41.90 -3.77 4.60	40.84 -3.37 8.40	45.38 -3.46 6.02	50.41 -3.97 5.84	55.07 -4.07 6.45	63.02 -5.98 7.64	65.46 -6.43 12.74	72.29 -7.29 12.75	82.05 -9.59 19.89	87.13 -10.98 19.98	87.45 -12.38 25.20	94.78 -13.03 25.14	86.13 -9.62 14.86	69.10 -7.76 10.36	56.35 -5.49 5.89	50.04 -5.06 3.04	44.58 -4.43 1.88
HARZA MOOSE___RIVER 24016	56.26 1.26 -0.31	54.39 1.21 -0.39	51.40 1.10 -0.45	50.45 1.12 -0.42	49.53 1.19 -0.53	47.90 1.21 -0.23	49.91 1.26 -0.39	51.82 1.31 -0.25	54.27 1.37 -0.30	56.34 1.10 -0.38	61.60 0.96 -0.41	66.86 0.92 -0.36	77.81 0.54 -0.63	85.77 0.42 -0.71	93.39 0.55 -0.50	113.29 0.33 -1.42	119.13 -0.24 -1.28	126.57 0.25 -1.29	136.04 1.20 -1.89	112.48 1.00 -0.87	88.19 0.96 0.00	68.40 0.68 0.00	58.67 0.52 0.00	51.45 0.56 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	54.19 -0.60 -0.11	52.34 -0.79 -0.35	49.79 -0.80 -0.74	48.76 -0.83 -0.68	48.09 -0.81 -1.11	45.91 -0.74 -0.19	48.14 -0.72 -0.59	49.70 -0.60 -0.03	52.20 -0.53 -0.12	54.84 -0.49 -0.47	59.87 -0.60 -0.25	64.89 -0.52 0.17	75.88 -0.77 0.00	83.94 -0.51 0.18	90.50 -0.46 1.38	111.76 -0.45 -0.67	117.99 -0.71 -0.61	124.60 -1.25 -0.82	134.31 -1.33 -2.69	108.76 -1.00 0.86	83.44 -0.96 2.83	65.15 -0.95 1.63	56.15 -0.81 1.18	49.31 -0.76 0.81
HELLGATE_13_KV_LD 55870	57.48 2.79 0.00	55.38 2.59 -0.01	52.04 2.19 0.00	50.82 1.91 0.00	49.67 1.86 0.00	48.60 2.14 0.00	50.74 2.46 -0.01	53.29 3.02 -0.01	55.98 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.52 8.89 0.00	101.84 9.51 0.00	125.14 12.60 -1.00	147.85 13.82 -15.95	165.14 14.88 -25.23	150.80 14.89 -2.97	124.68 11.17 -2.89	94.99 7.76 0.00	72.27 4.54 0.00	62.57 4.42 0.00	54.56 3.66 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	57.48 2.79 0.00	55.38 2.59 -0.01	52.04 2.19 0.00	50.82 1.91 0.00	49.67 1.86 0.00	48.60 2.14 0.00	50.74 2.46 -0.01	53.29 3.02 -0.01	55.98 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.52 8.89 0.00	101.84 9.51 0.00	125.14 12.60 -1.00	147.85 13.82 -15.95	165.14 14.88 -25.23	150.80 14.89 -2.97	124.68 11.17 -2.89	94.99 7.76 0.00	72.27 4.54 0.00	62.57 4.42 0.00	54.56 3.66 -0.01
HEMPSTEAD____ 23647	56.60 1.91 0.00	54.74 1.95 0.00	52.04 2.19 0.00	50.87 1.96 0.00	49.47 1.67 0.00	47.99 1.53 0.00	50.06 1.79 0.00	52.63 2.36 0.00	54.82 2.21 0.00	57.26 2.41 0.01	63.72 3.49 0.00	70.24 4.66 0.00	83.23 6.59 0.00	99.33 8.80 -5.90	105.82 9.51 -3.97	138.86 12.82 -14.50	175.70 14.16 -43.45	207.20 15.37 -66.80	184.10 15.28 -35.87	140.96 11.61 -18.73	104.01 8.29 -8.49	72.87 5.14 0.00	61.51 3.37 0.00	54.09 3.21 0.00
HICKLING___1 23621	54.93 0.27 0.03	53.23 -0.21 -0.66	50.29 -0.25 -0.69	48.96 -0.39 -0.44	48.62 0.05 -0.77	47.02 0.14 -0.42	52.43 0.68 -3.48	54.23 0.96 -3.00	60.18 1.16 -6.42	61.07 1.26 -4.94	65.51 1.32 -3.96	70.80 1.71 -3.51	81.96 1.53 -3.79	94.14 2.20 -7.31	100.06 2.77 -4.96	127.95 3.23 -13.17	134.57 2.72 -13.77	146.52 2.38 -19.12	157.69 2.92 -21.82	120.15 2.99 -6.55	90.30 2.27 -0.80	68.78 0.68 -0.38	57.17 -0.17 0.80	49.86 -0.31 0.72
HICKLING___2 23622	54.93 0.27 0.03	53.23 -0.21 -0.66	50.29 -0.25 -0.69	48.96 -0.39 -0.44	48.62 0.05 -0.77	47.02 0.14 -0.42	52.43 0.68 -3.48	54.23 0.96 -3.00	60.18 1.16 -6.42	61.07 1.26 -4.94	65.51 1.32 -3.96	70.80 1.71 -3.51	81.96 1.53 -3.79	94.14 2.20 -7.31	100.06 2.77 -4.96	127.95 3.23 -13.17	134.57 2.72 -13.77	146.52 2.38 -19.12	157.69 2.92 -21.82	120.15 2.99 -6.55	90.30 2.27 -0.80	68.78 0.68 -0.38	57.17 -0.17 0.80	49.86 -0.31 0.72
HIGH FALLS___HY 23754	55.61 2.68 1.76	53.22 2.43 1.99	50.62 2.19 1.42	49.68 2.01 1.23	49.65 1.86 0.02	48.46 2.00 0.00	50.59 2.32 0.00	52.98 2.71 0.00	55.66 3.05 0.00	58.32 3.46 0.00	64.38 4.16 0.00	70.11 4.53 0.00	82.77 6.13 0.00	92.67 8.04 0.00	101.57 9.23 0.00	121.98 11.71 1.27	130.41 12.52 0.19	141.47 13.88 -2.56	144.30 14.89 3.54	118.77 11.61 3.46	93.75 8.11 1.59	72.53 4.81 0.00	61.93 3.95 0.17	53.84 2.95 0.00
HIGH_RIVER___SOLAR 323847	60.54 2.08 -3.77	59.22 2.16 -4.27	54.90 2.00 -3.05	53.47 1.91 -2.65	49.65 1.82 -0.04	48.27 1.81 0.00	50.06 1.79 0.00	51.52 1.26 0.00	53.45 0.84 0.00	55.30 0.44 0.00	60.47 0.24 0.00	65.98 0.40 0.00	77.33 0.69 0.00	86.07 1.44 0.00	94.46 2.13 0.00	117.97 3.79 -2.64	131.90 4.84 -8.96	140.48 5.88 -9.58	147.03 6.78 -7.30	123.71 5.97 -7.13	95.34 4.71 -3.41	71.04 3.32 0.00	61.18 2.68 -0.36	53.07 2.19 0.00
HILLBURN___GT 23639	56.44 1.75 0.00	54.42 1.64 0.00	51.24 1.39 0.00	50.13 1.22 0.00	48.95 1.15 0.00	47.76 1.30 0.00	49.81 1.54 0.00	52.33 2.06 0.00	54.87 2.26 0.00	57.60 2.74 0.00	63.66 3.43 0.00	69.25 3.67 0.00	81.85 5.21 0.00	91.82 7.19 0.00	100.18 7.84 0.00	123.02 10.60 -0.88	171.02 11.69 -41.24	206.51 12.62 -68.86	148.23 12.64 -2.64	122.71 9.51 -2.58	93.85 6.63 0.00	71.52 3.79 0.00	61.40 3.25 0.00	53.48 2.59 0.00
HILLSIDE_115KV_TB1 80332	54.27 -0.44 -0.02	52.54 -0.84 -0.60	49.68 -0.85 -0.68	48.45 -0.93 -0.47	48.11 -0.48 -0.79	46.42 -0.42 -0.38	51.27 0.10 -2.91	53.06 0.35 -2.44	58.34 0.53 -5.21	59.53 0.60 -4.07	64.14 0.66 -3.26	69.34 0.92 -2.84	80.52 0.77 -3.11	91.92 1.35 -5.93	97.98 1.75 -3.89	124.38 2.01 -10.84	130.92 1.54 -11.30	141.93 1.25 -15.65	152.77 1.73 -18.09	117.78 1.88 -5.29	88.87 1.31 -0.33	67.78 -0.07 -0.12	56.61 -0.76 0.77	49.40 -0.81 0.67

HISHELDN_WT_PWR 323625	50.83 -2.79 1.07	46.67 -3.54 2.58	45.39 -3.34 1.12	45.41 -3.13 0.37	44.93 -2.87 0.01	41.69 -3.07 1.71	34.78 -2.85 10.64	36.70 -2.51 11.06	28.21 -2.31 22.08	36.51 -2.36 15.99	43.41 -2.77 14.04	48.54 -2.75 14.29	56.63 -4.14 15.86	51.88 -4.31 28.44	62.90 -4.61 24.82	60.55 -6.02 44.96	64.57 -7.32 46.19	55.30 -8.38 61.35	61.06 -8.11 63.78	76.20 -5.64 28.78	65.47 -5.23 16.53	54.58 -3.86 9.28	51.32 -3.66 3.16	45.69 -3.61 1.58
HOLTSVILLE_IC_1 23690	56.83 2.13 -0.01	55.10 2.32 0.00	52.74 2.89 0.00	51.50 2.59 0.00	49.90 2.10 0.00	48.09 1.63 0.00	50.10 1.83 0.00	52.73 2.46 0.00	54.66 2.05 0.00	56.82 1.97 0.01	64.30 3.07 -1.00	70.38 4.78 -0.01	88.04 6.82 -4.58	99.66 9.14 -5.89	120.60 9.98 -18.29	164.28 13.38 -39.36	325.27 14.76 -192.43	296.60 15.88 -155.70	233.92 16.08 -84.89	177.75 12.39 -54.75	143.91 8.99 -47.69	94.67 5.55 -21.39	65.49 3.31 -4.03	54.75 3.56 -0.30
HOLTSVILLE_IC_10 23699	57.21 2.52 -0.01	55.47 2.69 0.00	53.09 3.24 0.00	51.80 2.89 0.00	50.19 2.39 0.00	48.32 1.86 0.00	50.34 2.07 0.00	53.03 2.76 0.00	55.03 2.42 0.00	57.26 2.41 0.01	64.81 3.61 -0.97	70.97 5.38 -0.01	88.81 7.51 -4.66	100.50 9.98 -5.89	122.34 10.98 -19.03	166.64 14.49 -40.61	337.20 16.06 -203.06	303.18 17.26 -160.89	237.97 17.41 -87.61	181.02 13.49 -56.92	147.68 9.77 -50.69	96.93 6.23 -22.97	66.33 3.84 -4.35	55.18 3.97 -0.32
HOLTSVILLE_IC_2 23691	56.83 2.13 -0.01	55.10 2.32 0.00	52.74 2.89 0.00	51.50 2.59 0.00	49.90 2.10 0.00	48.09 1.63 0.00	50.10 1.83 0.00	52.73 2.46 0.00	54.66 2.05 0.00	56.82 1.97 0.01	64.30 3.07 -1.00	70.38 4.78 -0.01	88.04 6.82 -4.58	99.66 9.14 -5.89	120.60 9.98 -18.29	164.28 13.38 -39.36	325.27 14.76 -192.43	296.60 15.88 -155.70	233.92 16.08 -84.89	177.75 12.39 -54.75	143.91 8.99 -47.69	94.67 5.55 -21.39	65.49 3.31 -4.03	54.75 3.56 -0.30
HOLTSVILLE_IC_3 23692	56.83 2.13 -0.01	55.10 2.32 0.00	52.74 2.89 0.00	51.50 2.59 0.00	49.90 2.10 0.00	48.09 1.63 0.00	50.10 1.83 0.00	52.73 2.46 0.00	54.66 2.05 0.00	56.82 1.97 0.01	64.30 3.07 -1.00	70.38 4.78 -0.01	88.04 6.82 -4.58	99.66 9.14 -5.89	120.60 9.98 -18.29	164.28 13.38 -39.36	325.27 14.76 -192.43	296.60 15.88 -155.70	233.92 16.08 -84.89	177.75 12.39 -54.75	143.91 8.99 -47.69	94.67 5.55 -21.39	65.49 3.31 -4.03	54.75 3.56 -0.30
HOLTSVILLE_IC_4 23693	56.83 2.13 -0.01	55.10 2.32 0.00	52.74 2.89 0.00	51.50 2.59 0.00	49.90 2.10 0.00	48.09 1.63 0.00	50.10 1.83 0.00	52.73 2.46 0.00	54.66 2.05 0.00	56.82 1.97 0.01	64.30 3.07 -1.00	70.38 4.78 -0.01	88.04 6.82 -4.58	99.66 9.14 -5.89	120.60 9.98 -18.29	164.28 13.38 -39.36	325.27 14.76 -192.43	296.60 15.88 -155.70	233.92 16.08 -84.89	177.75 12.39 -54.75	143.91 8.99 -47.69	94.67 5.55 -21.39	65.49 3.31 -4.03	54.75 3.56 -0.30
HOLTSVILLE_IC_5 23694	56.83 2.13 -0.01	55.10 2.32 0.00	52.74 2.89 0.00	51.50 2.59 0.00	49.90 2.10 0.00	48.09 1.63 0.00	50.10 1.83 0.00	52.73 2.46 0.00	54.66 2.05 0.00	56.82 1.97 0.01	64.30 3.07 -1.00	70.38 4.78 -0.01	88.04 6.82 -4.58	99.66 9.14 -5.89	120.60 9.98 -18.29	164.28 13.38 -39.36	325.27 14.76 -192.43	296.60 15.88 -155.70	233.92 16.08 -84.89	177.75 12.39 -54.75	143.91 8.99 -47.69	94.67 5.55 -21.39	65.49 3.31 -4.03	54.75 3.56 -0.30
HOLTSVILLE_IC_6 23695	57.21 2.52 -0.01	55.47 2.69 0.00	53.09 3.24 0.00	51.80 2.89 0.00	50.19 2.39 0.00	48.32 1.86 0.00	50.34 2.07 0.00	53.03 2.76 0.00	55.03 2.42 0.00	57.26 2.41 0.01	64.81 3.61 -0.97	70.97 5.38 -0.01	88.81 7.51 -4.66	100.50 9.98 -5.89	122.34 10.98 -19.03	166.64 14.49 -40.61	337.20 16.06 -203.06	303.18 17.26 -160.89	237.97 17.41 -87.61	181.02 13.49 -56.92	147.68 9.77 -50.69	96.93 6.23 -22.97	66.33 3.84 -4.35	55.18 3.97 -0.32
HOLTSVILLE_IC_7 23696	57.21 2.52 -0.01	55.47 2.69 0.00	53.09 3.24 0.00	51.80 2.89 0.00	50.19 2.39 0.00	48.32 1.86 0.00	50.34 2.07 0.00	53.03 2.76 0.00	55.03 2.42 0.00	57.26 2.41 0.01	64.81 3.61 -0.97	70.97 5.38 -0.01	88.81 7.51 -4.66	100.50 9.98 -5.89	122.34 10.98 -19.03	166.64 14.49 -40.61	337.20 16.06 -203.06	303.18 17.26 -160.89	237.97 17.41 -87.61	181.02 13.49 -56.92	147.68 9.77 -50.69	96.93 6.23 -22.97	66.33 3.84 -4.35	55.18 3.97 -0.32
HOLTSVILLE_IC_8 23697	57.21 2.52 -0.01	55.47 2.69 0.00	53.09 3.24 0.00	51.80 2.89 0.00	50.19 2.39 0.00	48.32 1.86 0.00	50.34 2.07 0.00	53.03 2.76 0.00	55.03 2.42 0.00	57.26 2.41 0.01	64.81 3.61 -0.97	70.97 5.38 -0.01	88.81 7.51 -4.66	100.50 9.98 -5.89	122.34 10.98 -19.03	166.64 14.49 -40.61	337.20 16.06 -203.06	303.18 17.26 -160.89	237.97 17.41 -87.61	181.02 13.49 -56.92	147.68 9.77 -50.69	96.93 6.23 -22.97	66.33 3.84 -4.35	55.18 3.97 -0.32
HOLTSVILLE_IC_9 23698	57.21 2.52 -0.01	55.47 2.69 0.00	53.09 3.24 0.00	51.80 2.89 0.00	50.19 2.39 0.00	48.32 1.86 0.00	50.34 2.07 0.00	53.03 2.76 0.00	55.03 2.42 0.00	57.26 2.41 0.01	64.81 3.61 -0.97	70.97 5.38 -0.01	88.81 7.51 -4.66	100.50 9.98 -5.89	122.34 10.98 -19.03	166.64 14.49 -40.61	337.20 16.06 -203.06	303.18 17.26 -160.89	237.97 17.41 -87.61	181.02 13.49 -56.92	147.68 9.77 -50.69	96.93 6.23 -22.97	66.33 3.84 -4.35	55.18 3.97 -0.32
HOMER_HL_115KV_TB2 355744	49.10 -4.48 1.10	46.53 -4.70 1.55	44.53 -4.64 0.68	43.78 -4.74 0.38	44.88 -2.92 0.01	42.90 -2.56 1.00	43.29 -0.82 4.16	45.40 -0.20 4.67	44.28 0.37 8.70	49.21 0.60 6.25	54.84 0.54 5.93	60.02 0.85 6.41	69.44 0.31 7.51	73.79 0.51 11.35	81.65 0.83 11.52	94.44 0.22 17.32	99.86 -0.94 17.28	102.30 -1.25 21.48	111.26 -0.53 21.15	97.74 0.22 13.09	77.56 0.09 9.75	58.73 -3.45 5.54	50.27 -5.17 2.69	44.37 -4.89 1.63
HOWARD_WT_PWR 323690	53.93 -0.49 0.26	53.93 -1.37 -2.52	49.98 -1.30 -1.42	47.88 -1.32 -0.29	47.36 -1.10 -0.65	47.05 -1.12 -1.71	63.78 -0.63 -16.14	65.48 -0.25 -15.47	85.28 0.00 -32.67	78.76 -0.11 -24.01	79.64 -0.36 -19.78	84.19 -0.20 -18.81	95.48 -1.07 -19.91	122.48 -0.93 -38.78	121.33 -1.01 -30.01	174.79 -1.79 -65.04	183.05 -3.07 -68.04	215.55 -3.50 -94.03	232.31 -2.39 -101.75	146.06 -0.66 -36.10	99.79 -1.14 -13.69	74.32 -0.88 -7.48	56.78 -1.28 0.08	48.55 -1.37 0.96
HQ_GEN_CEDARS 23644	54.58 -0.11 0.00	52.73 -0.05 0.00	49.85 0.00 0.00	49.06 0.15 0.00	47.99 0.19 0.00	46.69 0.23 0.00	48.46 0.19 0.00	50.27 0.00 0.00	52.50 -0.11 0.00	54.53 -0.33 0.00	59.62 -0.60 0.00	64.73 -0.85 0.00	75.49 -1.15 0.00	82.34 -2.28 0.00	89.38 -2.95 0.00	107.63 -3.90 0.00	113.72 -4.37 0.00	120.65 -4.38 0.00	129.09 -3.86 0.00	107.74 -2.88 0.00	85.31 -1.92 0.00	66.91 -0.81 0.00	57.33 -0.81 0.00	50.43 -0.46 0.00
HQ_GEN_CEDARS_PROXY 323590	54.52 -0.16 0.00	52.73 -0.05 0.00	49.80 -0.05 0.00	49.06 0.15 0.00	47.99 0.19 0.00	46.69 0.23 0.00	48.41 0.15 0.00	50.27 0.00 0.00	52.50 -0.11 0.00	54.53 -0.33 0.00	59.62 -0.60 0.00	64.73 -0.85 0.00	75.49 -1.15 0.00	82.35 -2.28 0.00	89.47 -2.86 0.00	107.63 -3.91 0.00	113.72 -4.37 0.00	120.65 -4.38 0.00	128.96 -3.98 0.00	107.74 -2.88 0.00	85.31 -1.92 0.00	66.92 -0.81 0.00	57.33 -0.81 0.00	50.38 -0.51 0.00

HQ_GEN_CHPE_PROXY 323851	56.82 2.13 0.00	54.74 1.95 0.00	51.49 1.64 0.00	50.33 1.42 0.00	49.19 1.39 0.00	48.09 1.63 0.00	50.15 1.88 0.00	52.78 2.51 0.00	55.45 2.84 0.00	58.21 3.35 0.00	64.20 3.97 0.00	69.58 4.00 0.00	82.46 5.82 0.00	92.78 8.04 -0.11	92.78 8.31 7.87	110.00 11.49 13.03	146.92 12.87 -15.95	164.14 13.88 -25.24	149.65 13.70 -3.00	110.00 10.06 10.68	92.78 6.98 1.43	73.22 4.06 -1.43	62.04 3.90 0.00	54.09 3.21 0.00
HQ_GEN_IMPORT 323601	54.74 0.05 0.00	52.84 0.05 0.00	49.95 0.10 0.00	49.06 0.15 0.00	47.94 0.14 0.00	46.60 0.14 0.00	48.37 0.10 0.00	50.37 0.10 0.00	52.71 0.11 0.00	54.86 0.00 0.00	60.17 -0.06 0.00	65.45 -0.13 0.00	79.97 -0.31 -3.64	79.98 -1.01 3.64	91.04 -1.29 0.00	109.75 -1.79 0.00	116.32 -1.77 0.00	123.16 -1.87 0.00	131.09 -1.86 0.00	109.17 -1.44 0.00	79.97 -0.87 6.39	73.91 -0.20 -6.39	57.91 -0.23 0.00	50.78 -0.10 0.00
HQ_GEN_WHEEL 23651	54.74 0.05 0.00	52.84 0.05 0.00	49.95 0.10 0.00	49.06 0.15 0.00	47.94 0.14 0.00	46.60 0.14 0.00	48.37 0.10 0.00	50.37 0.10 0.00	52.71 0.11 0.00	54.86 0.00 0.00	60.17 -0.06 0.00	65.45 -0.13 0.00	79.97 -0.31 -3.64	79.98 -1.01 3.64	91.04 -1.29 0.00	109.75 -1.79 0.00	116.32 -1.77 0.00	123.16 -1.87 0.00	131.09 -1.86 0.00	109.17 -1.44 0.00	79.97 -0.87 6.39	73.91 -0.20 -6.39	57.91 -0.23 0.00	50.78 -0.10 0.00
HUDSON_AVE_GT_3 23810	57.09 2.41 0.00	55.00 2.22 0.00	51.69 1.84 0.00	50.48 1.57 0.00	49.33 1.53 0.00	48.27 1.81 0.00	50.44 2.17 0.00	52.98 2.71 0.00	55.66 3.05 0.00	58.48 3.62 0.00	64.44 4.22 0.00	69.91 4.33 0.00	82.85 6.21 0.00	93.18 8.55 0.00	101.58 9.23 -0.01	124.82 12.27 -1.02	147.63 13.58 -15.96	164.91 14.63 -25.25	150.40 14.49 -2.96	124.35 10.84 -2.89	94.73 7.50 0.00	72.06 4.33 0.00	62.16 4.01 0.00	54.19 3.31 0.00
HUDSON_AVE_GT_4 23540	57.09 2.41 0.00	55.00 2.22 0.00	51.69 1.84 0.00	50.48 1.57 0.00	49.33 1.53 0.00	48.27 1.81 0.00	50.44 2.17 0.00	52.98 2.71 0.00	55.66 3.05 0.00	58.48 3.62 0.00	64.44 4.22 0.00	69.91 4.33 0.00	82.85 6.21 0.00	93.18 8.55 0.00	101.58 9.23 -0.01	124.82 12.27 -1.02	147.63 13.58 -15.96	164.91 14.63 -25.25	150.40 14.49 -2.96	124.35 10.84 -2.89	94.73 7.50 0.00	72.06 4.33 0.00	62.16 4.01 0.00	54.19 3.31 0.00
HUDSON_AVE_GT_5 23657	57.09 2.41 0.00	55.00 2.22 0.00	51.69 1.84 0.00	50.48 1.57 0.00	49.33 1.53 0.00	48.27 1.81 0.00	50.44 2.17 0.00	52.98 2.71 0.00	55.66 3.05 0.00	58.48 3.62 0.00	64.44 4.22 0.00	69.91 4.33 0.00	82.85 6.21 0.00	93.18 8.55 0.00	101.58 9.23 -0.01	124.82 12.27 -1.02	147.63 13.58 -15.96	164.91 14.63 -25.25	150.40 14.49 -2.96	124.35 10.84 -2.89	94.73 7.50 0.00	72.06 4.33 0.00	62.16 4.01 0.00	54.19 3.31 0.00
HUDSON_AVE_10 24168	57.04 2.35 0.00	54.95 2.16 0.00	51.64 1.79 0.00	50.43 1.52 0.00	49.28 1.48 0.00	48.23 1.77 0.00	50.39 2.12 0.00	52.93 2.66 0.00	55.66 3.05 0.00	58.43 3.57 0.00	64.38 4.16 0.00	69.85 4.26 0.00	82.77 6.13 0.00	93.09 8.46 0.00	101.21 8.86 -0.01	124.49 11.93 -1.02	147.51 13.46 -15.96	164.78 14.50 -25.25	150.27 14.36 -2.96	124.24 10.73 -2.89	94.64 7.41 0.00	72.06 4.33 0.00	62.16 4.01 0.00	54.14 3.26 0.00
HUDSON___115KV_TB 4 355613	43.18 1.91 13.42	39.58 2.01 15.21	40.83 1.84 10.87	41.14 1.66 9.44	49.20 1.53 0.13	47.85 1.39 0.00	49.67 1.40 0.00	51.37 1.11 0.00	53.13 0.53 0.00	55.30 0.44 0.00	60.71 0.48 0.00	66.24 0.66 0.00	77.63 1.00 0.00	86.41 1.78 0.00	94.92 2.59 0.00	101.44 4.02 14.11	75.07 4.84 47.86	79.32 5.75 51.46	98.86 6.78 40.87	76.81 6.08 39.89	79.56 4.45 12.12	70.23 2.51 0.00	59.38 2.50 1.27	53.02 2.14 0.00
HUNTER MOUNT___DRP 323613	46.72 2.41 10.37	43.46 2.43 11.75	43.69 2.24 8.40	43.67 2.05 7.29	49.61 1.91 0.10	48.13 1.67 0.00	49.91 1.64 0.00	51.62 1.36 0.00	53.29 0.68 0.00	55.41 0.55 0.00	60.89 0.66 0.00	66.37 0.79 0.00	77.79 1.15 0.00	86.58 1.95 0.00	95.10 2.77 0.00	105.34 4.68 10.88	86.62 5.43 36.90	91.88 6.50 39.65	109.30 7.84 31.49	86.84 6.97 30.74	83.09 5.23 9.37	70.50 2.78 0.00	59.95 2.79 0.98	53.28 2.39 0.00
HUNTINGTON_RES_REC 323705	56.42 1.75 0.01	54.84 2.06 0.00	52.59 2.74 0.00	51.45 2.54 0.00	49.81 2.01 0.00	48.09 1.63 0.00	50.10 1.83 0.00	52.68 2.41 0.00	54.56 1.95 0.00	56.61 1.76 0.01	62.86 2.95 0.32	70.21 4.59 -0.04	90.67 6.51 -7.53	99.59 9.06 -5.90	137.02 9.98 -34.71	192.34 13.49 -67.31	538.45 14.88 -405.48	407.50 16.14 -266.33	292.82 16.08 -143.79	223.34 12.28 -100.45	202.52 8.72 -106.57	125.83 5.29 -52.81	71.41 3.08 -10.18	53.96 3.31 0.23
HUNTLEY___63 23557	50.21 -3.23 1.25	47.09 -4.01 1.68	45.42 -3.69 0.74	44.95 -3.52 0.43	44.35 -3.44 0.01	41.61 -3.76 1.09	40.34 -3.67 4.26	42.26 -3.17 4.84	41.06 -2.63 8.92	45.77 -2.69 6.41	50.95 -3.13 6.14	55.71 -3.15 6.72	63.74 -4.98 7.92	65.99 -5.59 13.06	73.13 -6.46 12.74	83.63 -8.37 19.54	88.83 -9.68 19.57	89.26 -11.25 24.52	96.93 -11.70 24.32	85.86 -8.63 16.13	69.68 -6.98 10.57	57.05 -4.67 6.01	50.53 -4.59 3.02	45.02 -4.02 1.85
HUNTLEY___64 23558	50.21 -3.23 1.25	47.09 -4.01 1.68	45.42 -3.69 0.74	44.95 -3.52 0.43	44.35 -3.44 0.01	41.61 -3.76 1.09	40.34 -3.67 4.26	42.26 -3.17 4.84	41.06 -2.63 8.92	45.77 -2.69 6.41	50.95 -3.13 6.14	55.71 -3.15 6.72	63.74 -4.98 7.92	65.99 -5.59 13.06	73.13 -6.46 12.74	83.63 -8.37 19.54	88.83 -9.68 19.57	89.26 -11.25 24.52	96.93 -11.70 24.32	85.86 -8.63 16.13	69.68 -6.98 10.57	57.05 -4.67 6.01	50.53 -4.59 3.02	45.02 -4.02 1.85
HUNTLEY___65 23559	50.21 -3.23 1.25	47.09 -4.01 1.68	45.42 -3.69 0.74	44.95 -3.52 0.43	44.35 -3.44 0.01	41.61 -3.76 1.09	40.34 -3.67 4.26	42.26 -3.17 4.84	41.06 -2.63 8.92	45.77 -2.69 6.41	50.95 -3.13 6.14	55.71 -3.15 6.72	63.74 -4.98 7.92	65.99 -5.59 13.06	73.13 -6.46 12.74	83.63 -8.37 19.54	88.83 -9.68 19.57	89.26 -11.25 24.52	96.93 -11.70 24.32	85.86 -8.63 16.13	69.68 -6.98 10.57	57.05 -4.67 6.01	50.53 -4.59 3.02	45.02 -4.02 1.85
HUNTLEY___66 23560	50.21 -3.23 1.25	47.09 -4.01 1.68	45.42 -3.69 0.74	44.95 -3.52 0.43	44.35 -3.44 0.01	41.61 -3.76 1.09	40.34 -3.67 4.26	42.26 -3.17 4.84	41.06 -2.63 8.92	45.77 -2.69 6.41	50.95 -3.13 6.14	55.71 -3.15 6.72	63.74 -4.98 7.92	65.99 -5.59 13.06	73.13 -6.46 12.74	83.63 -8.37 19.54	88.83 -9.68 19.57	89.26 -11.25 24.52	96.93 -11.70 24.32	85.86 -8.63 16.13	69.68 -6.98 10.57	57.05 -4.67 6.01	50.53 -4.59 3.02	45.02 -4.02 1.85
HUNTLEY___67 23561	49.84 -3.61 1.23	46.70 -4.33 1.75	44.99 -4.09 0.77	44.62 -3.86 0.43	44.06 -3.73 0.01	41.42 -3.90 1.14	39.83 -3.81 4.62	41.70 -3.37 5.20	40.06 -2.89 9.65	44.95 -2.96 6.95	50.26 -3.37 6.60	55.04 -3.41 7.13	63.29 -4.98 8.36	65.04 -5.50 14.09	73.35 -6.19 12.80	84.40 -8.14 18.99	89.84 -9.33 18.92	90.89 -10.75 23.38	98.99 -11.03 22.93	87.57 -8.30 14.75	69.61 -6.63 10.99	56.32 -5.15 6.26	50.40 -4.71 3.03	44.83 -4.22 1.83

HUNTLEY___68 23562	49.84 -3.61 1.23	46.70 -4.33 1.75	44.99 -4.09 0.77	44.62 -3.86 0.43	44.06 -3.73 0.01	41.42 -3.90 1.14	39.83 -3.81 4.62	41.70 -3.37 5.20	40.06 -2.89 9.65	44.95 -2.96 6.95	50.26 -3.37 6.60	55.04 -3.41 7.13	63.29 -4.98 8.36	65.04 -5.50 14.09	73.35 -6.19 12.80	84.40 -8.14 18.99	89.84 -9.33 18.92	90.89 -10.75 23.38	98.99 -11.03 22.93	87.57 -8.30 14.75	69.61 -6.63 10.99	56.32 -5.15 6.26	50.40 -4.71 3.03	44.83 -4.22 1.83
HYLAND___LFGE 323620	55.33 1.64 0.99	55.09 0.84 -1.46	51.21 0.75 -0.61	49.20 0.63 0.35	48.46 0.67 0.01	48.30 0.79 -1.05	62.75 0.73 -13.76	63.88 0.50 -13.11	80.89 -0.05 -28.34	74.82 -0.71 -20.68	75.44 -1.45 -16.66	79.76 -1.44 -15.62	85.05 -7.59 -16.00	108.28 -8.80 -32.45	107.56 -9.05 -24.28	155.17 -10.82 -54.45	163.96 -11.57 -57.44	193.78 -11.88 -80.63	210.40 -9.84 -87.29	134.21 -5.31 -28.91	92.72 -4.54 -10.03	75.11 1.97 -5.42	58.45 1.28 0.97	49.72 0.31 1.47
INDECK___CORINTH 23802	62.43 1.80 -5.94	61.47 1.95 -6.73	56.60 1.94 -4.81	54.80 1.71 -4.18	49.48 1.63 -0.06	48.09 1.63 0.00	50.00 1.74 0.00	51.83 1.56 0.00	53.92 1.32 0.00	55.96 1.10 0.00	61.67 1.44 0.00	67.62 2.04 0.00	79.25 2.61 0.00	88.52 3.90 0.00	97.13 4.80 0.00	122.67 6.58 -4.55	140.26 6.73 -15.44	148.79 7.25 -16.52	153.15 7.17 -13.03	128.97 5.64 -12.72	97.83 5.23 -5.37	71.45 3.72 0.00	61.78 3.08 -0.56	53.28 2.39 0.00
INDECK___ILION 23567	55.07 0.38 0.00	53.21 0.42 0.00	50.20 0.35 0.00	49.25 0.34 0.00	48.13 0.33 0.00	46.83 0.37 0.00	48.66 0.39 0.00	50.67 0.40 0.00	53.03 0.42 0.00	55.30 0.44 0.00	60.77 0.54 0.00	66.17 0.59 0.00	77.33 0.69 0.00	85.64 1.02 0.00	93.53 1.20 0.00	112.88 1.34 0.00	119.03 0.94 0.00	126.15 1.13 0.00	134.15 1.20 0.00	111.39 0.77 0.00	87.75 0.52 0.00	67.86 0.14 0.00	58.26 0.12 0.00	50.94 0.05 0.00
INDECK___OLEAN 23982	49.21 -4.38 1.10	46.11 -5.12 1.55	44.23 -4.94 0.68	44.08 -4.45 0.38	44.50 -3.30 0.01	42.57 -2.88 1.00	43.24 -0.87 4.16	45.40 -0.20 4.67	44.23 0.32 8.70	49.21 0.60 6.25	54.84 0.54 5.93	60.02 0.85 6.41	69.44 0.31 7.51	73.88 0.60 11.35	81.64 0.83 11.52	94.22 0.00 17.32	99.86 -0.95 17.28	101.80 -1.75 21.48	111.27 -0.53 21.15	97.19 -0.33 13.09	74.51 -2.97 9.75	58.73 -3.45 5.54	50.51 -4.94 2.69	44.27 -4.98 1.63
INDECK___OSWEGO 23783	58.01 -1.15 -4.47	56.45 -1.21 -4.87	53.34 -1.20 -4.69	52.00 -1.22 -4.31	51.42 -1.15 -4.77	48.28 -1.12 -2.94	51.23 -1.16 -4.12	52.81 -1.15 -3.70	55.63 -1.16 -4.18	58.09 -1.21 -4.44	64.48 -1.33 -5.58	69.76 -1.90 -6.08	83.87 -2.46 -9.69	93.64 -2.46 -11.47	101.53 -2.58 -11.79	128.24 -3.01 -19.70	132.39 -3.43 -17.73	138.57 -3.75 -17.29	149.90 -3.86 -20.81	123.38 -3.10 -15.86	93.26 -2.53 -8.56	70.63 -2.03 -4.94	60.45 -1.28 -3.59	52.12 -1.22 -2.46
INDECK___YERKES 23781	50.43 -3.01 1.25	47.30 -3.80 1.68	45.62 -3.49 0.74	45.20 -3.28 0.43	44.64 -3.16 0.01	41.84 -3.53 1.09	40.39 -3.62 4.26	42.31 -3.12 4.84	41.11 -2.58 8.92	45.82 -2.63 6.41	51.01 -3.07 6.14	55.78 -3.08 6.72	63.74 -4.98 7.92	66.07 -5.50 13.06	73.41 -6.19 12.74	83.86 -8.14 19.54	88.96 -9.56 19.57	89.38 -11.13 24.52	97.20 -11.43 24.32	86.30 -8.18 16.13	69.77 -6.89 10.57	57.11 -4.61 6.01	50.76 -4.36 3.02	44.81 -4.22 1.85
INDIAN POINT_GT_1 24139	56.60 1.91 0.00	54.58 1.79 0.00	51.39 1.55 0.00	50.23 1.32 0.00	49.04 1.24 0.00	47.90 1.44 0.00	49.96 1.69 0.00	52.33 2.06 0.00	54.92 2.31 0.00	57.60 2.74 0.00	63.60 3.37 0.00	69.19 3.61 0.00	81.77 5.13 0.00	91.82 7.19 0.00	100.46 8.13 0.00	123.23 10.71 -0.98	148.66 12.05 -18.53	167.86 13.13 -29.70	148.74 12.90 -2.90	123.18 9.73 -2.83	94.03 6.80 0.00	71.59 3.86 0.00	61.46 3.31 0.00	53.53 2.65 0.00
INDIAN POINT_GT_2 23659	56.60 1.91 0.00	54.58 1.79 0.00	51.39 1.55 0.00	50.23 1.32 0.00	49.04 1.24 0.00	47.90 1.44 0.00	49.96 1.69 0.00	52.33 2.06 0.00	54.92 2.31 0.00	57.60 2.74 0.00	63.60 3.37 0.00	69.19 3.61 0.00	81.77 5.13 0.00	91.82 7.19 0.00	100.46 8.13 0.00	123.23 10.71 -0.98	148.66 12.05 -18.53	167.86 13.13 -29.70	148.74 12.90 -2.90	123.18 9.73 -2.83	94.03 6.80 0.00	71.59 3.86 0.00	61.46 3.31 0.00	53.53 2.65 0.00
INDIAN POINT_GT_3 24019	56.60 1.91 0.00	54.58 1.79 0.00	51.39 1.55 0.00	50.23 1.32 0.00	49.04 1.24 0.00	47.90 1.44 0.00	49.96 1.69 0.00	52.33 2.06 0.00	54.92 2.31 0.00	57.60 2.74 0.00	63.60 3.37 0.00	69.19 3.61 0.00	81.77 5.13 0.00	91.82 7.19 0.00	100.46 8.13 0.00	123.23 10.71 -0.98	148.66 12.05 -18.53	167.86 13.13 -29.70	148.74 12.90 -2.90	123.18 9.73 -2.83	94.03 6.80 0.00	71.59 3.86 0.00	61.46 3.31 0.00	53.53 2.65 0.00
INDIAN POINT___2 23530	56.38 1.70 0.00	54.37 1.58 0.00	51.24 1.39 0.00	50.13 1.22 0.00	48.95 1.15 0.00	47.76 1.30 0.00	49.81 1.54 0.00	52.28 2.01 0.00	54.82 2.21 0.00	57.49 2.63 0.00	63.48 3.25 0.00	69.06 3.47 0.00	81.62 4.98 0.00	91.65 7.02 0.00	99.99 7.66 0.00	122.85 10.37 -0.94	150.61 11.58 -20.95	171.58 12.62 -33.93	148.14 12.37 -2.82	122.66 9.29 -2.76	93.77 6.55 0.00	71.45 3.72 0.00	61.34 3.20 0.00	53.48 2.59 0.00
INDIAN POINT___3 23531	56.44 1.75 0.00	54.42 1.64 0.00	51.29 1.45 0.00	50.13 1.22 0.00	48.95 1.15 0.00	47.81 1.35 0.00	49.86 1.59 0.00	52.28 2.01 0.00	54.82 2.21 0.00	57.49 2.63 0.00	63.48 3.25 0.00	68.99 3.41 0.00	81.54 4.90 0.00	91.57 6.94 0.00	100.18 7.85 0.00	122.89 10.37 -0.98	148.28 11.45 -18.74	167.59 12.50 -30.05	148.21 12.36 -2.90	122.74 9.29 -2.83	93.68 6.45 0.00	71.38 3.66 0.00	61.28 3.14 0.00	53.43 2.54 0.00
INDIANHDD_69_KV_BK1 55831	57.07 2.35 -0.03	55.37 2.59 0.00	52.99 3.14 0.00	51.65 2.74 0.00	50.05 2.25 0.00	48.32 1.86 0.00	50.39 2.12 0.00	52.88 2.61 0.00	54.92 2.31 0.00	56.94 2.08 0.01	63.48 3.25 0.00	70.66 5.05 -0.03	90.46 6.90 -6.92	100.09 9.56 -5.90	134.53 10.80 -31.40	187.38 14.17 -61.67	496.52 15.71 -362.72	385.97 16.88 -244.06	281.72 16.88 -131.88	214.88 13.05 -91.22	191.24 9.25 -94.76	119.86 5.62 -46.51	70.47 3.37 -8.95	55.99 4.43 -0.68
INGHAM_C_115KV_TB7 356103	55.29 0.60 0.00	53.42 0.63 0.00	50.45 0.60 0.00	49.45 0.54 0.00	48.33 0.53 0.00	47.02 0.56 0.00	48.90 0.63 0.00	50.92 0.65 0.00	53.34 0.74 0.00	55.57 0.71 0.00	61.07 0.84 0.00	66.57 0.98 0.00	77.71 1.07 0.00	86.07 1.44 0.00	94.00 1.66 0.00	113.10 1.56 0.00	119.03 0.94 0.00	126.03 1.00 0.00	134.15 1.20 0.00	111.39 0.77 0.00	87.58 0.35 0.00	67.66 -0.07 0.00	58.09 -0.06 0.00	50.78 -0.10 0.00
IP CORINTH___1 23988	62.76 2.13 -5.94	61.79 2.27 -6.73	56.85 2.19 -4.81	55.09 2.01 -4.18	49.77 1.91 -0.06	48.37 1.90 0.00	50.30 2.03 0.00	52.13 1.86 0.00	54.13 1.53 0.00	56.23 1.37 0.00	61.97 1.75 0.00	68.01 2.43 0.00	79.70 3.07 0.00	89.03 4.40 0.00	97.78 5.45 0.00	123.34 7.25 -4.55	140.85 7.32 -15.44	149.42 7.88 -16.52	154.13 7.98 -13.21	129.81 6.31 -12.89	98.35 5.76 -5.37	71.79 4.06 0.00	62.19 3.49 -0.56	53.43 2.54 0.00

IP__TICONDEROGA 23804	66.90 5.80 -6.41	66.02 5.96 -7.27	60.63 5.58 -5.19	58.56 5.14 -4.51	52.83 4.97 -0.06	51.48 5.02 0.00	53.48 5.21 0.00	55.04 4.78 0.00	56.76 4.16 0.00	58.70 3.84 0.00	64.68 4.46 0.00	71.22 5.64 0.00	83.46 6.82 0.00	93.60 8.97 0.00	102.86 10.53 0.00	130.05 13.61 -4.91	147.96 13.23 -16.64	157.21 14.38 -17.80	162.22 15.56 -13.72	137.17 13.16 -13.39	104.10 11.08 -5.79	76.06 8.33 0.00	65.44 6.69 -0.61	55.87 4.99 0.00
ISLIP_RES_REC 323679	57.54 2.84 -0.01	55.79 3.01 0.00	53.34 3.49 0.00	52.04 3.13 0.00	50.43 2.63 0.00	48.55 2.09 0.00	50.59 2.32 0.00	53.33 3.07 0.00	55.34 2.73 0.00	57.65 2.80 0.01	65.46 4.15 -1.08	71.62 6.03 -0.01	89.22 8.20 -4.37	101.27 10.75 -5.89	122.11 11.92 -17.86	165.87 15.73 -38.60	324.62 17.24 -189.29	296.83 18.50 -153.30	235.20 18.75 -83.51	178.91 14.49 -53.81	144.74 10.55 -46.96	95.46 6.77 -20.97	66.35 4.24 -3.96	55.46 4.27 -0.29
JAMAICA__27_KV_LOAD 355505	57.69 3.01 0.00	55.53 2.74 0.00	52.14 2.29 0.00	50.92 2.01 0.00	49.71 1.91 0.00	48.74 2.28 0.00	51.04 2.75 -0.02	53.60 3.32 -0.02	56.31 3.68 -0.02	59.10 4.22 -0.02	65.18 4.94 -0.02	70.64 5.05 -0.01	83.70 7.05 -0.01	94.21 9.56 -0.02	101.86 9.51 -0.01	125.49 12.94 -1.02	149.06 15.00 -15.98	166.55 16.25 -25.26	152.15 16.22 -2.98	125.91 12.39 -2.91	95.97 8.72 -0.02	73.02 5.28 -0.02	62.99 4.83 -0.02	54.87 3.97 -0.02
JANIS__SOLAR 323808	57.28 2.24 -0.35	55.32 1.80 -0.74	52.41 1.70 -0.86	51.19 1.56 -0.71	50.54 1.72 -1.02	48.72 1.81 -0.45	52.37 2.17 -1.92	53.94 2.16 -1.51	57.64 2.05 -2.98	59.07 1.70 -2.51	63.85 1.51 -2.11	69.05 1.64 -1.83	80.52 1.61 -2.27	90.70 2.29 -3.79	97.46 2.68 -2.45	121.93 3.34 -7.05	128.76 3.54 -7.13	138.39 4.00 -9.36	149.98 5.71 -11.32	119.31 5.20 -3.49	90.94 3.66 -0.05	70.09 2.37 0.01	59.38 1.69 0.45	51.73 1.22 0.38
JARVIS____ 23743	54.80 0.11 0.00	52.94 0.16 0.00	49.95 0.10 0.00	49.01 0.10 0.00	47.90 0.10 0.00	46.55 0.09 0.00	48.37 0.10 0.00	50.32 0.05 0.00	52.71 0.11 0.00	54.97 0.11 0.00	60.35 0.12 0.00	65.71 0.13 0.00	76.87 0.23 0.00	85.14 0.51 0.00	92.98 0.65 0.00	112.32 0.79 0.00	118.80 0.71 0.00	125.78 0.75 0.00	133.75 0.80 0.00	111.28 0.67 0.00	87.67 0.44 0.00	67.93 0.20 0.00	58.32 0.17 0.00	51.04 0.15 0.00
JENNISON__1 23625	57.00 2.13 -0.18	55.17 1.95 -0.43	52.22 1.79 -0.57	51.11 1.71 -0.48	50.44 1.91 -0.72	48.63 1.90 -0.26	51.67 2.27 -1.13	53.49 2.41 -0.81	56.86 2.63 -1.63	58.87 2.58 -1.43	64.16 2.77 -1.17	69.66 3.15 -0.93	81.18 3.37 -1.17	91.07 4.49 -1.96	98.53 5.17 -1.03	121.35 5.91 -3.90	127.60 5.55 -3.96	135.66 5.38 -5.25	146.11 6.51 -6.65	117.47 5.20 -1.66	90.52 3.84 0.55	69.63 2.23 0.34	59.05 1.40 0.48	51.48 0.97 0.37
JENNISON__2 23626	57.00 2.13 -0.18	55.17 1.95 -0.43	52.22 1.79 -0.57	51.11 1.71 -0.48	50.44 1.91 -0.72	48.63 1.90 -0.26	51.67 2.27 -1.13	53.49 2.41 -0.81	56.86 2.63 -1.63	58.87 2.58 -1.43	64.16 2.77 -1.17	69.66 3.15 -0.93	81.18 3.37 -1.17	91.07 4.49 -1.96	98.53 5.17 -1.03	121.35 5.91 -3.90	127.60 5.55 -3.96	135.66 5.38 -5.25	146.11 6.51 -6.65	117.47 5.20 -1.66	90.52 3.84 0.55	69.63 2.23 0.34	59.05 1.40 0.48	51.48 0.97 0.37
JERICHO_RISE_WT_PWR 323719	54.36 -0.33 0.00	52.42 -0.37 0.00	49.50 -0.35 0.00	48.72 -0.19 0.00	47.66 -0.14 0.00	46.37 -0.09 0.00	48.17 -0.10 0.00	50.17 -0.10 0.00	52.45 -0.16 0.00	54.42 -0.44 0.00	59.32 -0.90 0.00	64.40 -1.18 0.00	75.11 -1.53 0.00	82.09 -2.54 0.00	89.19 -3.14 0.00	107.30 -4.24 0.00	113.36 -4.73 0.00	120.15 -4.88 0.00	128.03 -4.92 0.00	106.74 -3.87 0.00	84.35 -2.88 0.00	65.90 -1.83 0.00	56.52 -1.63 0.00	49.77 -1.12 0.00
KATONAH__115KV_46KV_TB4 355592	57.04 2.35 0.00	55.05 2.27 0.00	51.79 1.94 0.00	50.62 1.71 0.00	49.43 1.63 0.00	48.27 1.81 0.00	50.30 2.03 0.00	52.63 2.36 0.00	55.29 2.68 0.00	57.99 3.13 0.00	64.14 3.91 0.00	69.78 4.20 0.00	82.54 5.90 0.00	92.58 7.96 0.00	101.29 8.96 0.00	124.71 12.16 -1.02	145.32 14.17 -13.06	160.56 15.25 -20.28	150.45 14.49 -3.01	124.51 10.95 -2.94	94.90 7.68 0.00	72.20 4.47 0.00	61.92 3.78 0.00	53.94 3.05 0.00
KCE_NY_1 323755	63.81 2.57 -6.55	62.84 2.64 -7.42	57.64 2.49 -5.30	55.82 2.30 -4.61	50.06 2.20 -0.06	48.60 2.14 0.00	50.49 2.22 0.00	52.33 2.06 0.00	54.56 1.95 0.00	56.67 1.81 0.00	62.33 2.11 0.00	68.14 2.56 0.00	79.78 3.14 0.00	88.94 4.31 0.00	97.50 5.17 0.00	123.24 6.80 -4.90	142.14 7.44 -16.60	150.80 8.01 -17.76	155.42 8.52 -13.95	131.32 7.09 -13.62	98.81 5.67 -5.92	71.72 3.99 0.00	62.07 3.31 -0.62	53.63 2.75 0.00
KCE_NY_6_ESR 323823	50.32 -3.17 1.19	47.06 -3.96 1.77	45.38 -3.69 0.78	45.03 -3.47 0.41	44.69 -3.11 0.01	42.11 -3.21 1.15	40.45 -2.80 5.02	42.39 -2.31 5.57	40.34 -1.79 10.48	45.55 -1.76 7.55	51.05 -2.11 7.07	55.97 -2.03 7.58	64.54 -3.29 8.80	67.35 -3.47 13.80	74.94 -3.87 13.51	85.22 -5.46 20.85	90.46 -6.73 20.90	90.77 -8.00 26.25	99.02 -7.84 26.09	89.87 -5.42 15.33	70.51 -5.58 11.13	57.14 -4.26 6.32	51.06 -4.13 2.96	45.00 -4.12 1.76
KEDC_PORT_JEFF_GT2 24210	57.05 2.35 -0.01	55.32 2.53 0.00	52.94 3.09 0.00	51.70 2.79 0.00	50.09 2.29 0.00	48.23 1.77 0.00	50.15 1.88 0.00	52.78 2.51 0.00	54.77 2.16 0.00	56.94 2.08 0.01	64.38 3.31 -0.85	70.65 5.05 -0.01	88.31 6.75 -4.92	99.66 9.14 -5.89	122.70 9.98 -20.39	167.86 13.38 -42.94	353.37 14.88 -220.40	311.06 16.01 -170.02	241.51 16.08 -92.49	183.57 12.28 -60.68	151.49 8.81 -55.46	98.67 5.42 -25.53	66.54 3.55 -4.84	55.07 3.82 -0.36
KEDC_PORT_JEFF_GT3 24211	57.05 2.35 -0.01	55.32 2.53 0.00	52.94 3.09 0.00	51.70 2.79 0.00	50.09 2.29 0.00	48.23 1.77 0.00	50.15 1.88 0.00	52.78 2.51 0.00	54.77 2.16 0.00	56.94 2.08 0.01	64.38 3.31 -0.85	70.65 5.05 -0.01	88.31 6.75 -4.92	99.66 9.14 -5.89	122.70 9.98 -20.39	167.86 13.38 -42.94	353.37 14.88 -220.40	311.06 16.01 -170.02	241.51 16.08 -92.49	183.57 12.28 -60.68	151.49 8.81 -55.46	98.67 5.42 -25.53	66.54 3.55 -4.84	55.07 3.82 -0.36
KEDC_GLWD_GT4 24219	56.88 2.19 0.00	54.95 2.16 0.00	52.04 2.19 0.00	50.92 2.01 0.00	49.57 1.77 0.00	48.18 1.72 0.00	50.25 1.98 0.00	52.83 2.56 0.00	55.18 2.58 0.00	57.76 2.91 0.00	64.14 3.91 0.00	70.24 4.66 0.00	83.00 6.36 0.00	99.17 8.64 -5.90	105.63 9.32 -3.97	138.64 12.60 -14.50	175.47 13.93 -43.45	206.83 15.00 -66.80	183.71 14.89 -35.87	140.51 11.17 -18.73	103.66 7.94 -8.49	72.47 4.74 0.00	61.92 3.78 0.00	54.24 3.36 0.00
KEDC_GLWD_GT5 24220	56.88 2.19 0.00	54.95 2.16 0.00	52.04 2.19 0.00	50.92 2.01 0.00	49.57 1.77 0.00	48.18 1.72 0.00	50.25 1.98 0.00	52.83 2.56 0.00	55.18 2.58 0.00	57.76 2.91 0.00	64.14 3.91 0.00	70.24 4.66 0.00	83.00 6.36 0.00	99.17 8.64 -5.90	105.63 9.32 -3.97	138.64 12.60 -14.50	175.47 13.93 -43.45	206.83 15.00 -66.80	183.71 14.89 -35.87	140.51 11.17 -18.73	103.66 7.94 -8.49	72.47 4.74 0.00	61.92 3.78 0.00	54.24 3.36 0.00

KENSICO____ 23655	56.71 2.02 0.00	54.68 1.90 0.00	51.49 1.65 0.00	50.33 1.42 0.00	49.14 1.34 0.00	47.99 1.53 0.00	50.10 1.83 0.00	52.48 2.21 0.00	55.08 2.47 0.00	57.77 2.91 0.00	63.78 3.55 0.00	69.32 3.74 0.00	82.00 5.36 0.00	92.16 7.53 0.00	100.74 8.40 0.00	123.69 11.15 -1.00	147.32 12.52 -16.71	165.07 13.50 -26.54	149.20 13.29 -2.95	123.56 10.07 -2.88	94.29 7.07 0.00	71.79 4.06 0.00	61.63 3.49 0.00	53.74 2.85 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	56.22 2.62 1.10	53.97 2.43 1.24	51.10 2.14 0.89	50.10 1.96 0.77	49.65 1.86 0.01	48.41 1.95 0.00	50.49 2.22 0.00	52.83 2.56 0.00	55.45 2.84 0.00	58.04 3.18 0.00	64.08 3.85 0.00	69.78 4.20 0.00	82.31 5.67 0.00	92.16 7.53 0.00	101.11 8.77 0.00	122.16 11.15 0.53	128.21 11.93 1.81	138.41 13.38 0.00	147.31 14.36 0.00	121.79 11.17 0.00	94.17 7.94 0.99	72.40 4.67 0.00	61.88 3.84 0.10	53.79 2.90 0.00
KIAC_JFK_GT1 23816	57.31 2.62 0.00	55.16 2.38 0.00	51.79 1.94 0.00	50.57 1.66 0.00	49.43 1.63 0.00	48.41 1.95 0.00	50.70 2.41 -0.02	53.25 2.97 -0.02	55.94 3.31 -0.02	58.72 3.84 -0.02	64.76 4.52 -0.02	69.98 4.39 -0.01	82.93 6.28 -0.01	93.36 8.72 -0.02	100.93 8.59 -0.01	124.26 11.71 -1.02	147.76 13.70 -15.98	165.05 14.75 -25.26	150.55 14.62 -2.98	124.58 11.06 -2.91	95.01 7.76 -0.02	72.28 4.54 -0.02	62.52 4.36 -0.02	54.52 3.61 -0.02
KIAC_JFK_GT2 23817	57.31 2.62 0.00	55.16 2.38 0.00	51.79 1.94 0.00	50.57 1.66 0.00	49.43 1.63 0.00	48.41 1.95 0.00	50.70 2.41 -0.02	53.25 2.97 -0.02	55.94 3.31 -0.02	58.72 3.84 -0.02	64.76 4.52 -0.02	69.98 4.39 -0.01	82.93 6.28 -0.01	93.36 8.72 -0.02	100.93 8.59 -0.01	124.26 11.71 -1.02	147.76 13.70 -15.98	165.05 14.75 -25.26	150.55 14.62 -2.98	124.58 11.06 -2.91	95.01 7.76 -0.02	72.28 4.54 -0.02	62.52 4.36 -0.02	54.52 3.61 -0.02
KIAC_JFK____ 323774	57.26 2.57 0.00	55.10 2.32 0.00	51.74 1.89 0.00	50.57 1.66 0.00	49.38 1.58 0.00	48.37 1.91 0.00	50.60 2.32 -0.02	53.30 3.02 -0.02	55.94 3.32 -0.02	58.71 3.84 -0.02	64.76 4.52 -0.02	69.99 4.39 -0.01	82.93 6.29 -0.01	93.28 8.64 -0.02	100.83 8.49 -0.01	124.26 11.71 -1.02	147.64 13.57 -15.98	165.04 14.75 -25.26	150.59 14.62 -3.02	124.41 10.85 -2.95	94.92 7.68 -0.02	72.28 4.54 -0.02	62.58 4.42 -0.02	54.57 3.67 -0.02
KINTIGH_24_KV_GSU 356498	50.68 -2.62 1.39	47.90 -3.32 1.56	46.07 -3.09 0.69	45.40 -3.03 0.48	44.63 -3.16 0.01	42.02 -3.44 1.00	41.20 -4.05 3.02	42.88 -3.72 3.67	42.85 -3.37 6.38	46.96 -3.35 4.55	51.70 -3.86 4.66	56.28 -3.93 5.37	64.57 -5.52 6.55	68.27 -5.84 10.52	74.63 -6.47 11.24	86.93 -8.14 16.47	92.40 -9.33 16.36	94.17 -10.75 20.11	102.04 -11.30 19.61	89.76 -8.07 12.78	70.92 -6.54 9.77	57.56 -4.61 5.56	51.52 -3.43 3.20	45.32 -3.51 2.05
KINTIGH____ 23543	50.51 -2.79 1.39	47.68 -3.54 1.56	45.82 -3.34 0.69	45.35 -3.08 0.48	44.35 -3.44 0.01	41.79 -3.67 1.00	41.20 -4.05 3.02	42.88 -3.72 3.67	42.86 -3.37 6.38	46.91 -3.40 4.55	51.71 -3.85 4.66	56.28 -3.93 5.37	64.57 -5.52 6.55	68.10 -6.01 10.52	74.36 -6.74 11.24	86.48 -8.59 16.47	92.17 -9.57 16.36	93.92 -11.00 20.11	101.90 -11.43 19.61	89.21 -8.63 12.78	70.39 -7.07 9.77	57.56 -4.61 5.56	51.28 -3.66 3.20	45.47 -3.36 2.05
KNTFSRNC_46_KV_46KV_LOAD 80397	55.07 0.38 0.00	53.05 0.26 0.00	50.00 0.15 0.00	49.20 0.29 0.00	48.18 0.38 0.00	46.97 0.51 0.00	48.85 0.58 0.00	50.72 0.45 0.00	52.92 0.32 0.00	54.69 -0.16 0.00	59.32 -0.90 0.00	64.27 -1.31 0.00	75.11 -1.53 0.00	82.09 -2.54 0.00	89.10 -3.23 0.00	107.41 -4.13 0.00	113.25 -4.84 0.00	119.65 -5.38 0.00	128.03 -4.92 0.00	106.96 -3.65 0.00	84.44 -2.79 0.00	65.90 -1.83 0.00	56.75 -1.40 0.00	50.33 -0.56 0.00
LACHUTE____HYDRO 323717	66.90 5.79 -6.41	66.01 5.96 -7.27	60.58 5.53 -5.19	58.56 5.13 -4.51	52.79 4.92 -0.06	51.48 5.02 0.00	53.44 5.17 0.00	55.05 4.78 0.00	56.82 4.21 0.00	58.70 3.84 0.00	64.68 4.46 0.00	71.22 5.64 0.00	83.46 6.82 0.00	93.60 8.97 0.00	102.76 10.43 0.00	130.05 13.60 -4.91	147.96 13.22 -16.64	157.21 14.37 -17.80	162.05 15.55 -13.55	137.00 13.16 -13.23	104.01 10.99 -5.79	76.05 8.33 0.00	65.37 6.63 -0.61	56.13 5.24 0.00
LAWRNCV_115KV_TB1 80681	54.14 -0.55 0.00	52.57 -0.21 0.00	49.65 -0.20 0.00	48.86 -0.05 0.00	47.85 0.05 0.00	46.55 0.09 0.00	48.27 0.00 0.00	50.02 -0.25 0.00	52.19 -0.42 0.00	54.15 -0.71 0.00	59.20 -1.02 0.00	63.94 -1.64 0.00	74.42 -2.22 0.00	80.91 -3.72 0.00	87.53 -4.80 0.00	105.40 -6.13 0.00	111.24 -6.85 0.00	118.15 -6.88 0.00	126.70 -6.25 0.00	105.86 -4.76 0.00	84.00 -3.23 0.00	66.10 -1.63 0.00	56.75 -1.40 0.00	50.12 -0.76 0.00
LEDERLE____ 23769	56.71 2.02 0.00	54.63 1.85 0.00	51.44 1.60 0.00	50.33 1.42 0.00	49.14 1.34 0.00	47.99 1.53 0.00	50.06 1.79 0.00	52.48 2.21 0.00	55.08 2.47 0.00	57.82 2.96 0.00	63.90 3.67 0.00	69.52 3.93 0.00	82.16 5.52 0.00	92.25 7.62 0.00	100.92 8.59 0.00	123.61 11.15 -0.91	159.51 12.16 -29.26	186.53 13.25 -48.25	148.95 13.29 -2.70	123.32 10.07 -2.64	94.29 7.07 0.00	71.79 4.06 0.00	61.57 3.43 0.00	53.58 2.70 0.00
LIGHTHSE_115KV_TB6 355974	56.60 0.16 -1.75	54.81 0.00 -2.03	52.02 0.00 -2.17	50.86 -0.05 -2.00	50.20 0.00 -2.40	47.72 0.05 -1.21	50.24 0.10 -1.88	51.83 0.15 -1.42	54.46 0.21 -1.64	56.85 0.05 -1.93	62.41 -0.06 -2.24	67.53 -0.26 -2.21	79.61 -0.69 -3.67	88.28 -0.59 -4.24	95.50 -0.55 -3.72	118.56 -0.78 -7.81	123.94 -1.18 -7.03	130.88 -1.13 -6.97	141.73 -0.53 -9.31	115.93 -0.22 -5.54	88.86 -0.09 -1.72	68.52 -0.20 -0.99	58.69 -0.17 -0.72	51.18 -0.20 -0.49
LINDEN COGEN____ 23786	56.65 1.97 0.00	54.58 1.80 0.00	51.30 1.45 0.00	50.13 1.22 0.00	48.95 1.15 0.00	47.85 1.39 0.00	49.96 1.69 0.00	52.63 2.36 0.00	55.29 2.68 0.00	58.10 3.24 0.00	63.96 3.74 0.00	69.25 3.67 0.01	82.07 5.44 0.01	92.33 7.70 0.00	100.37 8.03 -0.01	123.60 11.04 -1.02	146.33 12.28 -15.96	163.78 13.51 -25.25	149.12 13.16 -3.00	123.28 9.74 -2.93	93.85 6.63 0.00	71.44 3.72 0.01	61.92 3.78 0.00	53.94 3.05 0.00
LINDHRST_69_KV_BK1 356055	57.80 3.12 0.00	55.95 3.17 0.00	53.34 3.49 0.00	51.99 3.08 0.00	50.43 2.63 0.00	48.83 2.37 0.00	50.97 2.70 0.00	53.53 3.27 0.00	55.76 3.16 0.00	58.03 3.18 0.01	65.29 4.52 -0.55	71.75 6.16 0.00	85.69 8.35 -0.70	101.53 11.00 -5.90	110.41 12.37 -5.70	145.14 16.06 -17.55	194.83 17.83 -58.91	221.31 19.25 -77.03	193.96 19.41 -41.60	148.44 15.04 -22.78	110.43 10.82 -12.39	76.87 6.98 -2.17	62.96 4.42 -0.40	55.95 5.04 -0.03
LIPA_MISC_IPP 23656	57.48 2.79 -0.01	55.74 2.96 0.00	53.24 3.39 0.00	51.75 2.84 0.00	50.14 2.34 0.00	48.23 1.77 0.00	50.25 1.98 0.00	52.93 2.66 0.00	55.08 2.47 0.00	57.21 2.36 0.01	64.65 3.43 -0.99	70.84 5.25 -0.01	88.43 7.20 -4.58	100.34 9.82 -5.89	121.73 10.99 -18.41	165.26 14.17 -39.56	327.90 15.47 -194.34	298.11 16.50 -156.58	235.27 17.02 -85.30	179.19 13.50 -55.08	145.41 9.94 -48.24	95.77 6.37 -21.68	66.07 3.84 -4.09	55.97 4.78 -0.30

LISF___SOLAR 323691	57.38 2.68 -0.01	55.58 2.80 0.00	53.19 3.34 0.00	51.85 2.93 0.00	50.19 2.39 0.00	48.23 1.77 0.00	50.25 1.98 0.00	53.03 2.76 0.00	55.03 2.42 0.00	57.26 2.41 0.01	64.77 3.55 -0.99	70.97 5.38 -0.01	88.75 7.51 -4.60	100.50 9.98 -5.89	121.77 10.89 -18.55	165.73 14.39 -39.80	330.26 15.83 -196.34	299.47 16.87 -157.57	236.22 17.41 -85.86	179.97 13.83 -55.53	146.23 10.20 -48.80	96.27 6.57 -21.97	66.36 4.07 -4.15	55.31 4.12 -0.31
LITTLE FALLS___HYD 24013	55.29 0.60 0.00	53.42 0.63 0.00	50.45 0.60 0.00	49.45 0.54 0.00	48.33 0.53 0.00	47.02 0.56 0.00	48.90 0.63 0.00	50.92 0.65 0.00	53.34 0.74 0.00	55.57 0.71 0.00	61.07 0.84 0.00	66.57 0.98 0.00	77.71 1.07 0.00	86.07 1.44 0.00	94.00 1.66 0.00	113.10 1.56 0.00	119.03 0.94 0.00	126.03 1.00 0.00	134.15 1.20 0.00	111.39 0.77 0.00	87.58 0.35 0.00	67.66 -0.07 0.00	58.09 -0.06 0.00	50.78 -0.10 0.00
LITTLRIV_115KV_TB1 356100	54.80 0.11 0.00	53.15 0.37 0.00	50.20 0.35 0.00	49.45 0.54 0.00	48.42 0.62 0.00	47.11 0.65 0.00	48.80 0.53 0.00	50.52 0.25 0.00	52.55 -0.05 0.00	54.42 -0.44 0.00	59.38 -0.84 0.00	64.21 -1.38 0.00	74.65 -1.99 0.00	81.16 -3.47 0.00	87.81 -4.52 0.00	105.63 -5.91 0.00	111.59 -6.49 0.00	118.78 -6.25 0.00	127.76 -5.19 0.00	106.96 -3.65 0.00	85.05 -2.18 0.00	66.91 -0.81 0.00	57.33 -0.81 0.00	50.63 -0.25 0.00
LI_NEWBRDGE___DRP 323616	56.44 1.75 0.00	54.68 1.90 0.00	52.14 2.29 0.00	50.87 1.96 0.00	49.38 1.58 0.00	47.85 1.39 0.00	49.96 1.69 0.00	52.43 2.16 0.00	54.55 1.95 0.00	56.72 1.87 0.01	63.12 2.89 0.00	69.98 4.39 0.00	82.85 6.21 0.00	99.25 8.72 -5.90	105.91 9.60 -3.97	138.64 12.60 -14.50	175.36 13.82 -43.45	206.71 14.88 -66.80	183.80 15.02 -35.83	140.92 11.61 -18.69	104.01 8.29 -8.49	72.67 4.94 0.00	60.99 2.85 0.00	54.40 3.51 0.00
LOCKPORT_115KV_TB60_63_64 80432	49.36 -4.05 1.28	46.36 -4.80 1.62	44.65 -4.49 0.72	44.21 -4.26 0.44	43.49 -4.30 0.01	40.91 -4.51 1.05	40.42 -4.05 3.79	42.26 -3.62 4.39	41.49 -3.16 7.96	45.92 -3.24 5.70	50.86 -3.79 5.57	55.52 -3.87 6.20	63.51 -5.75 7.38	66.24 -6.18 12.22	72.96 -7.02 12.35	83.22 -9.26 19.06	88.35 -10.63 19.11	89.03 -12.00 24.00	96.47 -12.63 23.85	86.82 -9.29 14.51	69.47 -7.59 10.17	56.80 -5.15 5.78	49.99 -5.12 3.04	44.52 -4.48 1.89
LOCKPORT___CC1 323769	49.64 -3.77 1.27	46.59 -4.54 1.65	44.88 -4.24 0.73	44.41 -4.06 0.44	43.82 -3.97 0.01	41.17 -4.23 1.07	40.16 -4.10 4.00	42.05 -3.62 4.60	41.00 -3.21 8.40	45.60 -3.24 6.02	50.41 -3.98 5.84	55.07 -4.07 6.45	63.10 -5.90 7.64	65.63 -6.26 12.74	72.48 -7.11 12.75	82.39 -9.26 19.89	87.36 -10.75 19.98	87.58 -12.25 25.20	95.17 -12.63 25.14	86.58 -9.18 14.86	68.93 -7.94 10.36	56.42 -5.42 5.89	50.22 -4.88 3.04	44.22 -4.79 1.88
LOCKPORT___CC2 323770	49.64 -3.77 1.27	46.59 -4.54 1.65	44.88 -4.24 0.73	44.41 -4.06 0.44	43.82 -3.97 0.01	41.17 -4.23 1.07	40.16 -4.10 4.00	42.05 -3.62 4.60	41.00 -3.21 8.40	45.60 -3.24 6.02	50.41 -3.98 5.84	55.07 -4.07 6.45	63.10 -5.90 7.64	65.63 -6.26 12.74	72.48 -7.11 12.75	82.39 -9.26 19.89	87.36 -10.75 19.98	87.58 -12.25 25.20	95.17 -12.63 25.14	86.58 -9.18 14.86	68.93 -7.94 10.36	56.42 -5.42 5.89	50.22 -4.88 3.04	44.22 -4.79 1.88
LOCKPORT___CC3 323771	49.64 -3.77 1.27	46.59 -4.54 1.65	44.88 -4.24 0.73	44.41 -4.06 0.44	43.82 -3.97 0.01	41.17 -4.23 1.07	40.16 -4.10 4.00	42.05 -3.62 4.60	41.00 -3.21 8.40	45.60 -3.24 6.02	50.41 -3.98 5.84	55.07 -4.07 6.45	63.10 -5.90 7.64	65.63 -6.26 12.74	72.48 -7.11 12.75	82.39 -9.26 19.89	87.36 -10.75 19.98	87.58 -12.25 25.20	95.17 -12.63 25.14	86.58 -9.18 14.86	68.93 -7.94 10.36	56.42 -5.42 5.89	50.22 -4.88 3.04	44.22 -4.79 1.88
LOCUSVLY_69_KV_BK2 55797	57.04 2.35 0.00	55.21 2.43 0.00	52.49 2.64 0.00	51.21 2.30 0.00	49.81 2.01 0.00	48.37 1.90 0.00	50.49 2.22 0.00	52.98 2.71 0.00	55.29 2.68 0.00	57.65 2.80 0.00	63.98 3.91 0.16	70.70 5.12 0.00	83.04 6.97 0.57	100.10 9.56 -5.90	106.13 10.62 -3.18	138.53 13.94 -13.05	174.35 15.35 -40.91	204.58 16.50 -63.05	182.91 16.49 -33.48	140.51 12.61 -17.29	104.33 8.90 -8.20	72.89 5.42 0.25	61.85 3.72 0.02	54.86 3.97 0.00
LONG_LAKE_PHOENIX 24014	56.89 -0.87 -3.08	55.16 -1.06 -3.43	52.30 -1.00 -3.45	51.00 -1.08 -3.17	50.37 -1.05 -3.62	47.55 -0.98 -2.06	50.31 -0.97 -3.01	51.89 -0.90 -2.53	54.60 -0.89 -2.88	57.16 -0.88 -3.18	63.08 -1.02 -3.88	68.54 -1.11 -4.07	81.77 -1.46 -6.59	91.01 -1.35 -7.73	98.58 -1.29 -7.53	123.71 -1.45 -13.62	128.58 -1.77 -12.26	134.81 -2.25 -12.03	145.76 -2.26 -15.07	119.33 -1.77 -10.48	90.59 -1.48 -4.84	69.16 -1.35 -2.79	59.07 -1.10 -2.03	51.26 -1.02 -1.39
LOVETT___3 23632	56.33 1.64 0.00	54.31 1.53 0.00	51.14 1.30 0.00	50.04 1.12 0.00	48.85 1.05 0.00	47.71 1.25 0.00	49.77 1.50 0.00	52.18 1.91 0.00	54.71 2.10 0.00	57.38 2.52 0.00	63.36 3.13 0.00	68.93 3.34 0.00	81.47 4.83 0.00	91.48 6.85 0.00	100.00 7.66 0.00	122.62 10.15 -0.93	154.01 11.34 -24.59	177.48 12.25 -40.20	147.80 12.10 -2.76	122.38 9.07 -2.69	93.60 6.37 0.00	71.25 3.52 0.00	61.17 3.02 0.00	53.33 2.44 0.00
LOVETT___4 23642	56.33 1.64 0.00	54.31 1.53 0.00	51.14 1.30 0.00	50.04 1.12 0.00	48.85 1.05 0.00	47.71 1.25 0.00	49.77 1.50 0.00	52.18 1.91 0.00	54.71 2.10 0.00	57.38 2.52 0.00	63.36 3.13 0.00	68.93 3.34 0.00	81.47 4.83 0.00	91.48 6.85 0.00	100.00 7.66 0.00	122.62 10.15 -0.93	154.01 11.34 -24.59	177.48 12.25 -40.20	147.80 12.10 -2.76	122.38 9.07 -2.69	93.60 6.37 0.00	71.25 3.52 0.00	61.17 3.02 0.00	53.33 2.44 0.00
LOVETT___5 23593	56.33 1.64 0.00	54.31 1.53 0.00	51.14 1.30 0.00	50.04 1.12 0.00	48.85 1.05 0.00	47.71 1.25 0.00	49.77 1.50 0.00	52.18 1.91 0.00	54.71 2.10 0.00	57.38 2.52 0.00	63.36 3.13 0.00	68.93 3.34 0.00	81.47 4.83 0.00	91.48 6.85 0.00	100.00 7.66 0.00	122.62 10.15 -0.93	154.01 11.34 -24.59	177.48 12.25 -40.20	147.80 12.10 -2.76	122.38 9.07 -2.69	93.60 6.37 0.00	71.25 3.52 0.00	61.17 3.02 0.00	53.33 2.44 0.00
LOWER RAQUET___HYD 24057	54.03 -0.65 0.00	52.47 -0.31 0.00	49.55 -0.30 0.00	48.81 -0.10 0.00	47.75 -0.05 0.00	46.51 0.05 0.00	48.13 -0.14 0.00	49.97 -0.30 0.00	52.08 -0.53 0.00	54.04 -0.82 0.00	59.02 -1.20 0.00	63.68 -1.90 0.00	74.03 -2.61 0.00	80.40 -4.23 0.00	87.07 -5.26 0.00	104.62 -6.92 0.00	110.42 -7.67 0.00	117.40 -7.63 0.00	125.90 -7.05 0.00	105.20 -5.42 0.00	83.65 -3.58 0.00	65.90 -1.83 0.00	56.52 -1.63 0.00	49.97 -0.91 0.00
LOWER___HUDSON 24059	66.89 1.86 -10.34	66.40 1.90 -11.72	60.01 1.79 -8.37	57.89 1.71 -7.27	49.48 1.58 -0.10	47.90 1.44 0.00	49.77 1.50 0.00	51.63 1.36 0.00	53.82 1.21 0.00	56.06 1.21 0.00	61.61 1.39 0.00	67.22 1.64 0.00	78.71 2.07 0.00	87.59 2.96 0.00	96.12 3.79 0.00	124.36 4.79 -8.03	150.65 5.32 -27.25	160.08 5.88 -29.17	162.17 5.99 -23.23	138.60 5.31 -22.67	100.67 4.10 -9.34	70.36 2.64 0.00	61.38 2.27 -0.98	52.92 2.04 0.00

LOWVILLE_115KV_TB2 356335	56.42 1.31 -0.42	54.63 1.32 -0.52	51.71 1.25 -0.61	50.75 1.27 -0.56	49.90 1.39 -0.72	48.17 1.39 -0.31	50.24 1.45 -0.52	52.06 1.46 -0.34	54.43 1.42 -0.40	56.48 1.10 -0.52	61.57 0.78 -0.56	66.60 0.52 -0.49	77.42 -0.08 -0.86	85.00 -0.59 -0.97	92.36 -0.65 -0.67	112.34 -1.12 -1.92	117.93 -1.89 -1.73	125.40 -1.38 -1.75	135.38 -0.13 -2.56	111.79 0.00 -1.17	87.49 0.26 0.00	68.06 0.34 0.00	58.38 0.23 0.00	51.29 0.41 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	63.75 2.52 -6.55	62.84 2.64 -7.42	57.59 2.44 -5.30	55.82 2.30 -4.61	50.06 2.20 -0.06	48.60 2.14 0.00	50.49 2.22 0.00	52.33 2.06 0.00	54.45 1.84 0.00	56.67 1.81 0.00	62.27 2.05 0.00	68.07 2.49 0.00	79.78 3.14 0.00	88.86 4.23 0.00	97.50 5.17 0.00	123.13 6.69 -4.90	142.01 7.32 -16.60	150.67 7.88 -17.76	155.43 8.38 -14.10	131.35 6.97 -13.77	98.73 5.58 -5.92	71.65 3.93 0.00	62.08 3.31 -0.62	53.48 2.60 0.00
LUTHERNY_35_KV_BK2 355980	63.81 2.57 -6.55	62.84 2.64 -7.42	57.64 2.49 -5.30	55.86 2.35 -4.61	50.11 2.25 -0.06	48.64 2.18 0.00	50.49 2.22 0.00	52.33 2.06 0.00	54.50 1.89 0.00	56.67 1.81 0.00	62.33 2.11 0.00	68.14 2.56 0.00	79.78 3.14 0.00	88.95 4.32 0.00	97.60 5.26 0.00	123.35 6.92 -4.90	142.13 7.44 -16.60	150.92 8.13 -17.76	155.56 8.51 -14.10	131.46 7.08 -13.77	98.81 5.67 -5.92	71.72 4.00 0.00	62.13 3.37 -0.62	53.53 2.65 0.00
LWR__OSWEGATCHIE_HYD 23850	55.32 0.27 -0.35	53.70 0.48 -0.44	50.76 0.40 -0.51	49.87 0.49 -0.47	49.02 0.62 -0.60	47.37 0.65 -0.26	49.58 0.87 -0.44	51.35 0.80 -0.28	53.68 0.74 -0.34	55.68 0.38 -0.43	60.75 0.06 -0.47	65.67 -0.33 -0.41	76.36 -1.00 -0.72	83.66 -1.78 -0.81	90.68 -2.22 -0.56	110.13 -3.01 -1.61	115.76 -3.78 -1.45	123.11 -3.38 -1.46	132.83 -2.26 -2.14	110.05 -1.55 -0.98	86.36 -0.87 0.00	67.39 -0.34 0.00	57.85 -0.29 0.00	50.89 0.00 0.00
LYONS_FALL_HYD 23570	56.26 1.26 -0.31	54.39 1.21 -0.39	51.45 1.15 -0.45	50.45 1.13 -0.42	49.53 1.20 -0.53	47.90 1.21 -0.23	49.91 1.25 -0.39	51.82 1.30 -0.25	54.22 1.32 -0.30	56.34 1.10 -0.38	61.60 0.96 -0.41	66.86 0.92 -0.36	77.81 0.54 -0.63	85.77 0.43 -0.71	93.30 0.46 -0.50	113.29 0.34 -1.42	119.13 -0.24 -1.28	126.57 0.25 -1.29	136.03 1.19 -1.89	112.47 0.99 -0.87	88.19 0.96 0.00	68.40 0.68 0.00	58.67 0.52 0.00	51.45 0.56 0.00
MADISON__COUNTY_LFGE 323628	56.14 1.37 -0.09	54.21 1.21 -0.21	51.41 1.15 -0.41	50.37 1.08 -0.38	49.50 1.10 -0.60	47.69 1.12 -0.12	49.81 1.21 -0.33	51.61 1.31 -0.04	54.06 1.37 -0.09	56.45 1.32 -0.27	61.77 1.39 -0.16	67.11 1.57 0.05	78.24 1.53 -0.06	86.64 2.03 0.02	94.10 2.40 0.64	114.69 2.68 -0.47	120.88 2.36 -0.43	128.31 2.75 -0.53	137.93 3.46 -1.52	113.26 2.99 0.34	88.09 2.27 1.41	68.41 1.49 0.81	58.72 1.16 0.59	51.40 0.92 0.40
MALONE__115KV_TB1 356076	54.69 0.00 0.00	52.78 0.00 0.00	49.80 -0.05 0.00	49.01 0.10 0.00	47.99 0.19 0.00	46.74 0.28 0.00	48.61 0.34 0.00	50.52 0.25 0.00	52.77 0.16 0.00	54.69 -0.16 0.00	59.68 -0.54 0.00	64.66 -0.92 0.00	75.49 -1.15 0.00	82.34 -2.28 0.00	89.29 -3.05 0.00	107.52 -4.02 0.00	113.37 -4.72 0.00	120.28 -4.75 0.00	128.69 -4.25 0.00	107.74 -2.88 0.00	85.05 -2.18 0.00	66.57 -1.15 0.00	56.98 -1.16 0.00	50.17 -0.71 0.00
MAPLEWOD_115KV_TB3 80458	67.17 1.53 -10.96	66.83 1.64 -12.41	60.21 1.50 -8.87	57.98 1.37 -7.70	49.20 1.29 -0.11	47.67 1.21 0.00	49.48 1.21 0.00	51.32 1.06 0.00	53.50 0.89 0.00	55.79 0.93 0.00	61.37 1.14 0.00	66.96 1.38 0.00	78.48 1.84 0.00	87.42 2.79 0.00	95.93 3.60 0.00	124.63 4.57 -8.52	152.05 5.08 -28.88	161.49 5.50 -30.96	163.25 5.72 -24.58	139.48 4.87 -24.00	100.79 3.66 -9.90	69.96 2.23 0.00	61.21 2.04 -1.03	52.57 1.68 0.00
MAPLE_RIDGE_WT_1 323574	54.03 -0.65 0.00	52.20 -0.58 0.00	49.30 -0.55 0.00	48.47 -0.44 0.00	47.42 -0.38 0.00	46.14 -0.32 0.00	47.98 -0.29 0.00	49.97 -0.30 0.00	52.29 -0.31 0.00	54.42 -0.44 0.00	59.56 -0.66 0.00	64.73 -0.85 0.00	75.56 -1.07 0.00	83.19 -1.44 0.00	90.49 -1.85 0.00	109.19 -2.35 0.00	115.49 -2.60 0.00	122.16 -2.87 0.00	129.90 -3.05 0.00	107.96 -2.66 0.00	85.13 -2.09 0.00	66.17 -1.56 0.00	56.81 -1.33 0.00	49.87 -1.02 0.00
MAPLE_RIDGE_WT_2 323611	54.03 -0.65 0.00	52.20 -0.58 0.00	49.30 -0.55 0.00	48.47 -0.44 0.00	47.42 -0.38 0.00	46.14 -0.32 0.00	47.98 -0.29 0.00	49.97 -0.30 0.00	52.29 -0.31 0.00	54.42 -0.44 0.00	59.56 -0.66 0.00	64.73 -0.85 0.00	75.56 -1.07 0.00	83.19 -1.44 0.00	90.49 -1.85 0.00	109.19 -2.35 0.00	115.49 -2.60 0.00	122.16 -2.87 0.00	129.90 -3.05 0.00	107.96 -2.66 0.00	85.13 -2.09 0.00	66.17 -1.56 0.00	56.81 -1.33 0.00	49.87 -1.02 0.00
MARBLE_RIVER_WT_PWR 323696	54.41 -0.27 0.00	52.47 -0.31 0.00	49.60 -0.25 0.00	48.76 -0.15 0.00	47.70 -0.10 0.00	46.46 0.00 0.00	48.22 -0.05 0.00	50.22 -0.05 0.00	52.50 -0.11 0.00	54.48 -0.38 0.00	59.32 -0.90 0.00	64.33 -1.25 0.00	75.11 -1.53 0.00	82.09 -2.54 0.00	89.19 -3.14 0.00	107.30 -4.24 0.00	113.36 -4.73 0.00	120.15 -4.88 0.00	128.03 -4.92 0.00	106.74 -3.87 0.00	84.35 -2.88 0.00	65.90 -1.83 0.00	56.58 -1.57 0.00	49.87 -1.02 0.00
MARSHVLE_115KV_TB1 80742	61.18 3.23 -3.27	59.76 3.27 -3.70	55.53 3.04 -2.64	54.09 2.89 -2.30	50.70 2.87 -0.03	49.34 2.88 0.00	51.07 2.80 0.00	52.33 2.06 0.00	54.24 1.63 0.00	56.12 1.26 0.00	61.49 1.26 0.00	67.16 1.57 0.00	78.63 1.99 0.00	87.68 3.05 0.00	96.21 3.88 0.00	119.87 6.02 -2.31	132.89 6.97 -7.83	141.78 8.38 -8.37	149.71 10.10 -6.65	126.07 8.96 -6.50	97.24 7.07 -2.95	72.81 5.08 0.00	62.52 4.07 -0.31	53.99 3.10 0.00
MARSH_HILL_WT_PWR 323713	53.78 -0.60 0.31	54.06 -1.42 -2.70	49.94 -1.40 -1.49	47.80 -1.37 -0.26	47.23 -1.19 -0.62	47.14 -1.16 -1.84	65.10 -0.68 -17.51	66.73 -0.35 -16.82	88.03 -0.11 -35.53	80.73 -0.22 -26.08	81.23 -0.48 -21.49	85.78 -0.26 -20.46	97.05 -1.23 -21.64	125.79 -1.01 -42.18	123.93 -1.10 -32.70	180.19 -2.00 -70.65	188.83 -3.18 -73.92	223.58 -3.63 -102.19	240.87 -2.53 -110.45	149.12 -0.77 -39.27	100.98 -1.31 -15.06	74.94 -1.01 -8.23	56.72 -1.40 0.03	48.46 -1.42 1.00
MCINTYRE_115KV_TB2 80467	55.23 0.55 0.00	53.52 0.74 0.00	50.55 0.70 0.00	49.79 0.88 0.00	48.76 0.96 0.00	47.44 0.98 0.00	49.14 0.87 0.00	50.77 0.50 0.00	52.71 0.11 0.00	54.53 -0.33 0.00	59.50 -0.72 0.00	64.40 -1.18 0.00	75.03 -1.61 0.00	81.58 -3.05 0.00	88.36 -3.97 0.00	106.52 -5.02 0.00	112.54 -5.55 0.00	119.90 -5.13 0.00	129.23 -3.72 0.00	108.29 -2.32 0.00	86.01 -1.22 0.00	67.66 -0.07 0.00	57.85 -0.29 0.00	50.99 0.10 0.00
MECO____69_KV_BK1 80468	62.15 3.94 -3.53	60.85 4.06 -4.00	56.44 3.74 -2.86	54.91 3.52 -2.48	51.28 3.44 -0.03	49.99 3.53 0.00	51.79 3.52 0.00	53.13 2.87 0.00	54.82 2.21 0.00	56.56 1.70 0.00	61.85 1.63 0.00	67.62 2.03 0.00	79.17 2.53 0.00	88.27 3.64 0.00	96.95 4.62 0.00	121.05 7.03 -2.48	135.01 8.50 -8.42	144.28 10.25 -9.00	152.46 12.36 -7.15	128.44 10.84 -6.98	99.05 8.64 -3.19	74.02 6.30 0.00	63.48 5.00 -0.33	54.65 3.77 0.00

MENANDS__115KV_TB5 355628	65.47 1.15 -9.63	65.02 1.32 -10.91	58.84 1.20 -7.80	56.76 1.08 -6.77	48.90 1.00 -0.09	47.39 0.93 0.00	49.19 0.92 0.00	50.97 0.70 0.00	53.13 0.53 0.00	55.41 0.55 0.00	60.95 0.72 0.00	66.50 0.92 0.00	77.94 1.30 0.00	86.83 2.20 0.00	95.29 2.95 0.00	122.43 3.68 -7.22	146.81 4.25 -24.47	155.88 4.63 -26.22	158.42 4.65 -20.82	134.92 3.98 -20.33	98.89 2.97 -8.70	69.42 1.69 0.00	60.62 1.57 -0.91	52.26 1.37 0.00
MG INDUSTRY__DRP 24185	46.40 1.15 9.44	43.41 1.32 10.69	43.45 1.25 7.64	43.45 1.17 6.64	48.81 1.10 0.09	47.44 0.98 0.00	49.19 0.92 0.00	50.92 0.65 0.00	52.03 -0.58 0.00	54.15 -0.71 0.00	59.50 -0.72 0.00	64.86 -0.72 0.00	76.02 -0.61 0.00	84.63 0.00 0.00	92.80 0.46 0.00	102.33 0.89 10.10	85.13 1.30 34.25	89.94 1.75 36.84	105.55 1.86 29.26	83.82 1.77 28.56	79.92 1.22 8.53	68.13 0.41 0.00	57.78 0.52 0.89	52.36 1.48 0.00
MID__OSWEGATCHIE_HYD 23849	55.32 0.27 -0.35	53.70 0.48 -0.44	50.76 0.40 -0.51	49.87 0.49 -0.47	49.02 0.62 -0.60	47.37 0.65 -0.26	49.58 0.87 -0.44	51.35 0.80 -0.28	53.68 0.74 -0.34	55.68 0.38 -0.43	60.75 0.06 -0.47	65.67 -0.33 -0.41	76.36 -1.00 -0.72	83.66 -1.78 -0.81	90.68 -2.22 -0.56	110.13 -3.01 -1.61	115.76 -3.78 -1.45	123.11 -3.38 -1.46	132.83 -2.26 -2.14	110.05 -1.55 -0.98	86.36 -0.87 0.00	67.39 -0.34 0.00	57.85 -0.29 0.00	50.89 0.00 0.00
MID__RAQUETTE_HYD 23851	54.03 -0.66 0.00	52.52 -0.26 0.00	49.60 -0.25 0.00	48.81 -0.10 0.00	47.80 0.00 0.00	46.51 0.05 0.00	48.22 -0.05 0.00	49.97 -0.30 0.00	52.08 -0.53 0.00	54.04 -0.82 0.00	59.02 -1.20 0.00	63.68 -1.90 0.00	74.03 -2.61 0.00	80.40 -4.23 0.00	86.89 -5.45 0.00	104.62 -6.92 0.00	110.41 -7.68 0.00	117.40 -7.63 0.00	125.90 -7.05 0.00	105.31 -5.31 0.00	83.65 -3.58 0.00	65.90 -1.83 0.00	56.57 -1.57 0.00	50.02 -0.87 0.00
MILLIKEN__1 23584	56.24 0.98 -0.57	54.49 0.69 -1.02	51.61 0.60 -1.16	50.38 0.49 -0.98	49.76 0.62 -1.34	47.78 0.70 -0.62	51.47 0.92 -2.29	53.08 1.01 -1.81	57.15 1.10 -3.44	58.84 1.04 -2.94	63.80 1.02 -2.55	69.02 1.18 -2.25	80.75 1.23 -2.89	90.94 1.69 -4.62	97.59 2.12 -3.13	122.73 2.68 -8.52	129.20 2.60 -8.51	138.45 2.50 -10.92	149.52 3.32 -13.24	118.17 3.10 -4.46	89.76 2.18 -0.35	69.04 1.15 -0.17	58.48 0.70 0.36	51.07 0.51 0.33
MILLIKEN__2 23585	56.24 0.98 -0.57	54.49 0.69 -1.02	51.61 0.60 -1.16	50.38 0.49 -0.98	49.76 0.62 -1.34	47.78 0.70 -0.62	51.47 0.92 -2.29	53.08 1.01 -1.81	57.15 1.10 -3.44	58.84 1.04 -2.94	63.80 1.02 -2.55	69.02 1.18 -2.25	80.75 1.23 -2.89	90.94 1.69 -4.62	97.59 2.12 -3.13	122.73 2.68 -8.52	129.20 2.60 -8.51	138.45 2.50 -10.92	149.52 3.32 -13.24	118.17 3.10 -4.46	89.76 2.18 -0.35	69.04 1.15 -0.17	58.48 0.70 0.36	51.07 0.51 0.33
MILLIKEN__DIESEL 23629	56.24 0.98 -0.57	54.49 0.69 -1.02	51.61 0.60 -1.16	50.38 0.49 -0.98	49.76 0.62 -1.34	47.78 0.70 -0.62	51.47 0.92 -2.29	53.08 1.01 -1.81	57.15 1.10 -3.44	58.84 1.04 -2.94	63.80 1.02 -2.55	69.02 1.18 -2.25	80.75 1.23 -2.89	90.94 1.69 -4.62	97.59 2.12 -3.13	122.73 2.68 -8.52	129.20 2.60 -8.51	138.45 2.50 -10.92	149.52 3.32 -13.24	118.17 3.10 -4.46	89.76 2.18 -0.35	69.04 1.15 -0.17	58.48 0.70 0.36	51.07 0.51 0.33
MILLSEAT__LFGE 323607	50.99 -2.40 1.29	48.05 -3.17 1.56	46.22 -2.94 0.69	45.62 -2.84 0.45	44.97 -2.82 0.01	42.48 -2.97 1.00	42.11 -2.80 3.36	43.98 -2.31 3.98	43.64 -1.89 7.08	47.93 -1.87 5.06	52.77 -2.41 5.05	57.47 -2.43 5.69	65.72 -4.06 6.85	69.30 -4.14 11.19	75.89 -4.90 11.55	87.82 -6.35 17.36	93.32 -7.44 17.33	94.74 -8.76 21.53	103.11 -8.64 21.20	91.24 -5.87 13.51	72.12 -5.32 9.78	58.77 -3.38 5.57	51.67 -3.43 3.04	45.36 -3.61 1.92
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	56.60 1.91 0.00	54.58 1.79 0.00	51.39 1.55 0.00	50.28 1.37 0.00	49.09 1.29 0.00	47.95 1.49 0.00	50.01 1.74 0.00	52.38 2.11 0.00	54.97 2.37 0.00	57.60 2.74 0.00	63.60 3.37 0.00	69.19 3.61 0.00	81.77 5.13 0.00	91.82 7.19 0.00	100.46 8.13 0.00	123.24 10.71 -0.99	147.89 12.05 -17.75	166.38 13.00 -28.35	148.64 12.76 -2.93	123.21 9.73 -2.86	94.03 6.80 0.00	71.59 3.86 0.00	61.46 3.31 0.00	53.58 2.70 0.00
MILLWOOD_13_KV_LOAD 356217	56.82 2.13 0.00	54.79 2.01 0.00	51.59 1.74 0.00	50.43 1.52 0.00	49.23 1.43 0.00	48.09 1.63 0.00	50.15 1.88 0.00	52.53 2.26 0.00	55.13 2.53 0.00	57.77 2.91 0.00	63.84 3.61 0.00	69.45 3.87 0.00	82.16 5.52 0.00	92.25 7.62 0.00	100.83 8.49 0.00	123.91 11.38 -0.99	148.83 12.99 -17.75	167.38 14.00 -28.35	149.44 13.56 -2.93	123.76 10.29 -2.86	94.47 7.24 0.00	71.86 4.13 0.00	61.69 3.55 0.00	53.79 2.90 0.00
MODEL_CITY_ENERGY 24167	49.10 -4.32 1.27	46.07 -5.07 1.64	44.39 -4.74 0.72	43.97 -4.50 0.44	43.35 -4.44 0.01	40.71 -4.69 1.06	39.99 -4.34 3.94	41.81 -3.92 4.54	40.87 -3.47 8.27	45.42 -3.51 5.93	50.31 -4.15 5.76	54.87 -4.33 6.38	62.79 -6.28 7.57	65.37 -6.60 12.66	72.09 -7.48 12.77	81.68 -9.82 20.04	86.60 -11.34 20.15	86.67 -12.88 25.48	94.18 -13.29 25.47	85.85 -9.85 14.92	68.62 -8.29 10.32	56.25 -5.62 5.86	49.58 -5.52 3.03	43.71 -5.29 1.88
MODERN_LFGE__ 323580	49.10 -4.32 1.27	46.07 -5.07 1.64	44.39 -4.74 0.72	43.97 -4.50 0.44	43.35 -4.44 0.01	40.71 -4.69 1.06	39.99 -4.34 3.94	41.81 -3.92 4.54	40.87 -3.47 8.27	45.42 -3.51 5.93	50.31 -4.15 5.76	54.87 -4.33 6.38	62.79 -6.28 7.57	65.37 -6.60 12.66	72.09 -7.48 12.77	81.68 -9.82 20.04	86.60 -11.34 20.15	86.67 -12.88 25.48	94.18 -13.29 25.47	85.85 -9.85 14.92	68.62 -8.29 10.32	56.25 -5.62 5.86	49.58 -5.52 3.03	43.71 -5.29 1.88
MOHAWK_PAPER__DRP 24187	67.17 1.53 -10.96	66.83 1.64 -12.41	60.21 1.50 -8.87	57.98 1.37 -7.70	49.20 1.29 -0.11	47.67 1.21 0.00	49.48 1.21 0.00	51.32 1.06 0.00	53.50 0.89 0.00	55.79 0.93 0.00	61.37 1.14 0.00	66.96 1.38 0.00	78.48 1.84 0.00	87.42 2.79 0.00	95.93 3.60 0.00	124.63 4.57 -8.52	152.05 5.08 -28.88	161.49 5.50 -30.96	163.25 5.72 -24.58	139.48 4.87 -24.00	100.79 3.66 -9.90	69.96 2.23 0.00	61.21 2.04 -1.03	52.57 1.68 0.00
MOHICAN__35_KV_115KV_LD 80490	63.84 2.73 -6.41	62.96 2.90 -7.27	57.78 2.74 -5.19	55.97 2.54 -4.51	50.30 2.44 -0.06	48.88 2.42 0.00	50.83 2.56 0.00	52.63 2.36 0.00	54.61 2.00 0.00	56.67 1.81 0.00	62.39 2.17 0.00	68.47 2.89 0.00	80.16 3.53 0.00	89.54 4.91 0.00	98.34 6.00 0.00	124.36 7.92 -4.91	143.00 8.27 -16.64	151.71 8.88 -17.80	156.14 9.17 -14.02	131.82 7.52 -13.68	99.56 6.54 -5.79	72.40 4.67 0.00	62.70 3.95 -0.61	53.84 2.95 0.00
MONGAUP__HYD 23641	56.93 2.24 0.00	54.84 2.06 0.00	51.64 1.79 0.00	50.57 1.66 0.00	49.33 1.53 0.00	48.09 1.63 0.00	50.15 1.88 0.00	52.38 2.11 0.00	54.71 2.11 0.00	57.11 2.25 0.00	62.94 2.71 0.00	68.46 2.88 0.00	80.70 4.06 0.00	90.30 5.67 0.00	98.70 6.37 0.00	120.36 8.04 -0.79	57.06 9.69 70.71	13.29 11.12 122.87	147.30 11.97 -2.38	122.46 9.51 -2.33	94.04 6.81 0.00	71.72 3.99 0.00	61.46 3.31 0.00	53.48 2.59 0.00

MONTAUK___DIESEL 23721	59.18 4.48 -0.01	57.01 4.22 0.00	54.53 4.69 0.00	53.12 4.21 0.00	51.24 3.44 0.00	48.97 2.51 0.00	50.97 2.70 0.00	53.94 3.67 0.00	56.61 4.00 0.00	59.24 4.39 0.01	67.96 6.75 -0.99	74.97 9.38 -0.01	93.49 12.26 -4.59	106.01 15.49 -5.89	128.16 17.36 -18.47	172.95 21.75 -39.66	336.76 23.50 -195.17	304.90 22.88 -156.99	242.80 24.33 -85.52	184.78 18.92 -55.25	149.57 13.87 -48.48	98.94 9.41 -21.80	68.25 5.99 -4.11	57.55 6.36 -0.30
MOONROAD_115KV_HARTFLD_TB1-2 355988	49.99 -3.55 1.15	46.93 -4.17 1.68	44.92 -4.19 0.74	44.45 -4.06 0.40	44.49 -3.30 0.01	42.16 -3.21 1.09	41.04 -2.51 4.72	43.16 -1.86 5.25	41.43 -1.32 9.86	46.44 -1.32 7.10	51.64 -1.93 6.66	56.26 -2.16 7.16	65.17 -3.14 8.33	68.00 -3.47 13.15	75.81 -3.69 12.83	86.99 -4.80 19.75	93.92 -4.37 19.80	94.94 -5.25 24.84	103.36 -4.92 24.67	93.24 -2.77 14.61	73.76 -2.88 10.59	58.32 -3.39 6.02	51.41 -3.90 2.84	45.47 -3.71 1.70
MORRIS_RIDGE___SOLAR 323848	52.44 -1.59 0.66	47.14 -2.32 3.32	46.42 -2.19 1.24	46.84 -2.05 0.02	46.35 -1.82 -0.36	42.27 -1.95 2.25	29.19 -1.59 17.49	30.93 -1.51 17.83	14.55 -1.47 36.59	26.89 -1.54 26.44	35.77 -1.87 22.59	41.22 -1.84 22.52	49.39 -2.91 24.33	36.34 -2.79 45.50	51.25 -2.77 38.31	34.68 -3.57 73.28	37.58 -4.49 76.02	16.89 -5.13 103.01	20.32 -4.52 108.11	63.25 -2.76 44.61	61.09 -2.88 23.26	52.58 -2.17 12.98	52.52 -2.27 3.35	47.24 -2.34 1.30
MORTIMER_115KV_TB3 55949	52.10 -1.20 1.38	49.70 -1.79 1.29	47.58 -1.69 0.57	46.82 -1.61 0.48	45.88 -1.91 0.01	43.65 -2.00 0.81	44.69 -2.27 1.31	46.32 -1.96 1.99	48.12 -1.63 2.86	51.34 -1.54 1.99	55.96 -1.75 2.52	60.66 -1.64 3.28	69.55 -2.76 4.33	75.69 -2.88 6.06	81.35 -3.32 7.66	98.37 -4.13 9.04	104.89 -4.61 8.59	109.88 -5.75 9.40	118.80 -5.98 8.17	97.66 -4.31 8.64	75.54 -3.75 7.94	60.94 -2.23 4.55	53.36 -1.74 3.04	47.01 -1.83 2.04
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	56.87 2.19 0.00	54.84 2.06 0.00	51.59 1.74 0.00	50.43 1.52 0.00	49.23 1.43 0.00	48.13 1.67 0.00	50.25 1.98 0.00	52.78 2.51 0.00	55.40 2.79 0.00	58.15 3.29 0.00	64.14 3.91 0.00	69.58 4.00 0.00	82.46 5.82 0.00	92.67 8.04 0.00	101.10 8.77 0.00	124.14 11.60 -1.00	146.90 12.87 -15.94	164.24 14.00 -25.21	149.74 13.83 -2.96	123.90 10.40 -2.89	94.38 7.15 0.00	71.86 4.13 0.00	61.92 3.78 0.00	53.99 3.10 0.00
MUNSVILLE_WIND_PWR 323609	58.50 3.55 -0.26	56.59 3.22 -0.58	53.56 2.99 -0.72	52.44 2.93 -0.60	51.73 3.06 -0.87	49.93 3.11 -0.35	53.37 3.57 -1.53	55.15 3.72 -1.16	58.80 3.89 -2.30	60.50 3.68 -1.97	65.72 3.86 -1.64	71.29 4.33 -1.38	82.80 4.44 -1.72	93.17 5.67 -2.87	100.35 6.28 -1.74	124.25 7.25 -5.47	130.23 6.61 -5.54	139.32 7.00 -7.30	150.83 8.91 -8.98	120.37 7.19 -2.57	92.12 5.15 0.25	71.14 3.59 0.17	60.30 2.62 0.46	52.49 1.98 0.37
N SALMON___HYD 24042	54.69 0.00 0.00	52.78 0.00 0.00	49.80 -0.05 0.00	49.01 0.10 0.00	47.94 0.14 0.00	46.74 0.28 0.00	48.56 0.29 0.00	50.52 0.25 0.00	52.77 0.16 0.00	54.70 -0.16 0.00	59.68 -0.54 0.00	64.66 -0.92 0.00	75.49 -1.15 0.00	82.35 -2.28 0.00	89.38 -2.96 0.00	107.53 -4.01 0.00	113.36 -4.73 0.00	120.28 -4.75 0.00	128.69 -4.26 0.00	107.74 -2.88 0.00	85.13 -2.09 0.00	66.57 -1.15 0.00	56.98 -1.16 0.00	50.12 -0.76 0.00
N.AKRON___115KV_KNAPP 355671	50.61 -2.79 1.29	47.67 -3.54 1.58	45.81 -3.34 0.70	45.28 -3.18 0.45	44.54 -3.25 0.01	42.10 -3.35 1.01	41.82 -2.99 3.46	43.69 -2.51 4.07	43.28 -2.05 7.27	47.57 -2.08 5.20	52.53 -2.53 5.17	57.22 -2.56 5.81	65.46 -4.22 6.97	68.73 -4.49 11.42	75.34 -5.26 11.73	86.99 -6.80 17.74	92.45 -7.91 17.73	93.82 -9.13 22.09	101.84 -9.31 21.80	90.36 -6.53 13.73	71.86 -5.50 9.87	58.52 -3.59 5.62	51.38 -3.72 3.04	45.51 -3.46 1.91
N.BELMOR_69_KV_BK1 55787	57.15 2.46 0.00	55.26 2.48 0.00	52.54 2.69 0.00	51.26 2.35 0.00	49.81 2.01 0.00	48.32 1.86 0.00	50.44 2.17 0.00	52.93 2.66 0.00	55.19 2.58 0.00	57.49 2.63 0.01	64.02 3.79 0.00	70.83 5.25 0.00	83.84 7.20 0.00	99.93 9.39 -5.90	106.74 10.43 -3.97	139.76 13.72 -14.50	176.66 15.12 -43.45	208.21 16.38 -66.80	185.27 16.49 -35.83	141.92 12.61 -18.69	104.79 9.07 -8.49	73.55 5.82 0.00	61.81 3.66 0.00	55.01 4.12 0.00
N.E._GEN_SANDY PD 24062	63.30 1.75 -6.86	62.30 1.74 -7.78	57.00 1.59 -5.56	55.26 1.52 -4.83	49.30 1.43 -0.07	47.72 1.25 0.00	49.57 1.30 0.00	51.57 1.30 0.00	53.87 1.26 0.00	56.23 1.37 0.00	61.85 1.63 0.00	67.35 1.77 0.00	78.93 2.30 0.00	88.02 3.39 0.00	96.49 4.16 0.00	120.75 5.24 -3.97	137.57 6.02 -13.46	145.80 6.62 -14.15	150.90 6.64 -11.31	127.40 5.75 -11.04	97.70 4.27 -6.20	70.16 2.43 0.00	61.00 2.21 -0.65	52.92 2.04 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	56.49 1.80 0.00	54.42 1.64 0.00	51.29 1.45 0.00	50.13 1.22 0.00	48.95 1.15 0.00	47.81 1.35 0.00	49.86 1.59 0.00	52.28 2.01 0.00	54.87 2.26 0.00	57.55 2.69 0.00	63.60 3.37 0.00	69.19 3.61 0.00	81.77 5.13 0.00	91.82 7.19 0.00	100.46 8.13 0.00	123.05 10.60 -0.92	157.18 11.69 -27.40	182.69 12.63 -45.04	148.30 12.63 -2.72	122.90 9.62 -2.66	93.86 6.63 0.00	71.45 3.72 0.00	61.34 3.20 0.00	53.43 2.54 0.00
N.QUEENS_27_KV_LOAD 356247	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.83 1.91 -0.01	49.67 1.86 -0.01	48.50 2.04 0.00	50.55 2.27 -0.01	52.99 2.71 -0.01	55.56 2.95 -0.01	58.32 3.46 -0.01	64.63 4.40 -0.01	69.85 4.26 0.00	82.92 6.28 0.00	93.27 8.63 -0.01	101.66 9.33 0.00	124.48 11.93 -1.01	147.38 13.34 -15.95	164.39 14.13 -25.24	150.15 14.23 -2.97	124.13 10.62 -2.90	94.65 7.41 -0.01	72.20 4.47 -0.01	62.57 4.42 -0.01	54.51 3.61 -0.01
N.TROY___115KV_TB1 355778	66.89 1.86 -10.34	66.45 1.95 -11.72	60.02 1.79 -8.37	57.90 1.71 -7.27	49.53 1.63 -0.10	47.90 1.44 0.00	49.77 1.50 0.00	51.62 1.36 0.00	53.82 1.21 0.00	56.07 1.21 0.00	61.61 1.39 0.00	67.22 1.64 0.00	78.71 2.07 0.00	87.59 2.96 0.00	96.21 3.88 0.00	124.37 4.80 -8.03	150.65 5.31 -27.25	160.08 5.88 -29.17	162.22 6.12 -23.16	138.53 5.31 -22.61	100.67 4.10 -9.34	70.37 2.64 0.00	61.50 2.38 -0.98	52.87 1.98 0.00
NARROWS_GT1_1 24228	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.82 1.91 -0.01	49.67 1.86 -0.01	48.56 2.09 -0.01	50.69 2.41 -0.01	53.34 3.07 -0.01	55.99 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.15 6.51 0.00	93.52 8.88 -0.01	101.43 9.05 -0.04	125.08 12.38 -1.16	230.76 13.57 -99.09	165.01 14.75 -25.24	150.72 14.76 -3.01	124.51 10.95 -2.94	94.91 7.68 -0.01	72.26 4.54 0.00	62.63 4.48 -0.01	54.66 3.77 -0.01
NARROWS_GT1_2 24229	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.82 1.91 -0.01	49.67 1.86 -0.01	48.56 2.09 -0.01	50.69 2.41 -0.01	53.34 3.07 -0.01	55.99 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.15 6.51 0.00	93.52 8.88 -0.01	101.43 9.05 -0.04	125.08 12.38 -1.16	230.76 13.57 -99.09	165.01 14.75 -25.24	150.72 14.76 -3.01	124.51 10.95 -2.94	94.91 7.68 -0.01	72.26 4.54 0.00	62.63 4.48 -0.01	54.66 3.77 -0.01

NARROWS_GT1_3 24230	57.43	55.33	52.00	50.82	49.67	48.56	50.69	53.34	55.99	58.76	64.87	70.04	83.15	93.52	101.43	125.08	230.76	165.01	150.72	124.51	94.91	72.26	62.63	54.66
	2.73	2.53	2.14	1.91	1.86	2.09	2.41	3.07	3.37	3.90	4.64	4.46	6.51	8.88	9.05	12.38	13.57	14.75	14.76	10.95	7.68	4.54	4.48	3.77
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-3.01	-2.94	-0.01	0.00	-0.01	-0.01
NARROWS_GT1_4 24231	57.43	55.33	52.00	50.82	49.67	48.56	50.69	53.34	55.99	58.76	64.87	70.04	83.15	93.52	101.43	125.08	230.76	165.01	150.72	124.51	94.91	72.26	62.63	54.66
	2.73	2.53	2.14	1.91	1.86	2.09	2.41	3.07	3.37	3.90	4.64	4.46	6.51	8.88	9.05	12.38	13.57	14.75	14.76	10.95	7.68	4.54	4.48	3.77
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-3.01	-2.94	-0.01	0.00	-0.01	-0.01
NARROWS_GT1_5 24232	57.43	55.33	52.00	50.82	49.67	48.56	50.69	53.34	55.99	58.76	64.87	70.04	83.15	93.52	101.43	125.08	230.76	165.01	150.72	124.51	94.91	72.26	62.63	54.66
	2.73	2.53	2.14	1.91	1.86	2.09	2.41	3.07	3.37	3.90	4.64	4.46	6.51	8.88	9.05	12.38	13.57	14.75	14.76	10.95	7.68	4.54	4.48	3.77
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-3.01	-2.94	-0.01	0.00	-0.01	-0.01
NARROWS_GT1_6 24233	57.43	55.33	52.00	50.82	49.67	48.56	50.69	53.34	55.99	58.76	64.87	70.04	83.15	93.52	101.43	125.08	230.76	165.01	150.72	124.51	94.91	72.26	62.63	54.66
	2.73	2.53	2.14	1.91	1.86	2.09	2.41	3.07	3.37	3.90	4.64	4.46	6.51	8.88	9.05	12.38	13.57	14.75	14.76	10.95	7.68	4.54	4.48	3.77
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-3.01	-2.94	-0.01	0.00	-0.01	-0.01
NARROWS_GT1_7 24234	57.43	55.33	52.00	50.82	49.67	48.56	50.69	53.34	55.99	58.76	64.87	70.04	83.15	93.52	101.43	125.08	230.76	165.01	150.72	124.51	94.91	72.26	62.63	54.66
	2.73	2.53	2.14	1.91	1.86	2.09	2.41	3.07	3.37	3.90	4.64	4.46	6.51	8.88	9.05	12.38	13.57	14.75	14.76	10.95	7.68	4.54	4.48	3.77
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	-1.16	-99.09	-25.24	-3.01	-2.94	-0.01	0.00	-0.01	-0.01
NARROWS_GT1_8 24235	57.43	55.33	52.00	50.82	49.67	48.56	50.69	53.34	55.99	58.76	64.87	70.04	83.15	93.52	101.43	125.08	230.76	165.01	150.72	124.51	94.91	72.26	62.63	54.66
	2.73	2.53	2.14	1.91	1.86	2.09	2.41	3.07	3.37	3.90	4.64	4.46	6.51	8.88	9.05	12.38	13.57	14.75	14.76	10.95	7.68	4.54	4.48	3.77

NCHELSEA_115KV_TR2 355582	57.20 2.52 0.00	55.16 2.38 0.00	51.94 2.09 0.00	50.82 1.91 0.00	49.57 1.77 0.00	48.37 1.90 0.00	50.44 2.17 0.00	52.73 2.46 0.00	55.34 2.74 0.00	57.99 3.13 0.00	64.08 3.85 0.00	69.78 4.20 0.00	82.39 5.75 0.00	92.33 7.70 0.00	101.11 8.77 0.00	123.44 11.15 -0.75	140.37 12.28 -10.00	154.19 13.38 -15.78	149.02 13.69 -2.38	123.55 10.62 -2.32	94.64 7.41 0.00	72.06 4.33 0.00	61.81 3.66 0.00	53.84 2.95 0.00
NEG CAPITAL___MECHNVIL 23645	64.99 2.68 -7.63	64.17 2.74 -8.64	58.61 2.59 -6.18	56.67 2.40 -5.36	50.17 2.29 -0.07	48.64 2.18 0.00	50.59 2.32 0.00	52.43 2.16 0.00	54.66 2.05 0.00	56.83 1.97 0.00	62.51 2.29 0.00	68.34 2.75 0.00	80.01 3.37 0.00	89.20 4.57 0.00	97.87 5.54 0.00	124.46 7.14 -5.78	145.59 7.91 -19.59	154.50 8.51 -20.96	158.41 8.91 -16.56	134.30 7.53 -16.16	100.05 5.93 -6.89	71.86 4.13 0.00	62.29 3.43 -0.72	53.73 2.85 0.00
NEG CENTRAL_HIGH_ACRES 23767	51.73 -1.70 1.26	49.50 -2.11 1.17	47.28 -2.05 0.52	46.42 -2.05 0.44	45.64 -2.15 0.01	43.54 -2.18 0.74	44.49 -2.61 1.18	46.16 -2.31 1.79	47.94 -2.11 2.56	51.11 -1.97 1.78	55.66 -2.29 2.27	60.45 -2.16 2.97	69.50 -3.22 3.92	75.79 -3.30 5.54	81.67 -3.70 6.96	99.10 -4.24 8.20	105.34 -4.96 7.79	110.39 -6.12 8.52	119.18 -6.38 7.39	98.19 -4.64 7.78	75.90 -4.10 7.23	60.67 -2.91 4.15	53.15 -2.21 2.78	46.58 -2.44 1.87
NEG CENTRAL___DRP 24199	56.64 0.93 -1.03	55.02 0.48 -1.76	51.94 0.40 -1.70	50.52 0.24 -1.36	50.02 0.48 -1.74	48.16 0.60 -1.09	53.55 0.97 -4.31	55.25 1.16 -3.82	61.14 1.26 -7.27	61.96 1.26 -5.83	66.67 1.26 -5.18	72.07 1.57 -4.92	84.21 1.53 -6.04	96.62 2.03 -9.96	102.73 2.59 -7.81	132.08 3.23 -17.31	138.44 2.95 -17.40	150.16 2.75 -22.38	162.09 3.59 -25.55	124.15 3.43 -10.11	93.02 2.53 -3.26	70.74 1.22 -1.80	58.98 0.58 -0.25	51.29 0.41 0.00
NEG CENTRAL___INDECK 23768	54.52 0.82 0.99	54.31 0.05 -1.48	50.51 0.05 -0.62	48.52 -0.05 0.35	47.79 0.00 0.01	47.56 0.05 -1.06	62.14 0.05 -13.83	63.55 0.10 -13.18	81.09 0.00 -28.48	75.42 -0.22 -20.78	76.37 -0.60 -16.75	80.89 -0.39 -15.70	88.75 -3.99 -16.10	112.85 -4.40 -32.63	112.14 -4.61 -24.42	160.70 -5.57 -54.73	169.45 -6.38 -57.74	198.95 -7.12 -81.04	214.82 -5.85 -87.72	136.59 -3.10 -29.08	94.38 -2.97 -10.12	73.87 0.68 -5.46	57.53 0.35 0.96	49.01 -0.41 1.47
NEG CENTRAL___SENECA 23627	56.95 1.64 -0.62	55.45 1.00 -1.66	52.24 0.90 -1.49	50.65 0.68 -1.06	50.25 1.00 -1.45	48.67 1.16 -1.05	55.90 1.74 -5.90	57.62 2.01 -5.35	65.50 2.10 -10.79	65.27 2.08 -8.32	69.46 2.17 -7.06	74.83 2.62 -6.63	86.75 2.53 -7.58	101.50 3.30 -13.57	106.64 3.97 -10.33	139.84 4.91 -23.40	146.83 4.72 -24.01	161.79 4.63 -32.14	174.66 5.72 -35.99	129.03 5.42 -13.00	95.39 4.10 -4.07	72.11 2.17 -2.22	59.21 1.16 0.10	51.40 0.87 0.35
NEG CENTRAL___STATE_STREET 24147	56.14 0.38 -1.07	54.32 0.05 -1.48	51.51 0.05 -1.62	50.23 -0.10 -1.42	49.61 0.00 -1.81	47.40 0.05 -0.89	50.81 0.24 -2.30	52.48 0.40 -1.81	56.17 0.53 -3.03	58.19 0.55 -2.78	63.35 0.48 -2.64	68.68 0.66 -2.44	80.61 0.54 -3.43	90.45 0.93 -4.89	97.21 1.20 -3.67	121.97 1.56 -8.87	128.07 1.42 -8.57	136.21 1.00 -10.18	147.02 1.46 -12.60	117.34 1.44 -5.29	89.24 0.96 -1.05	68.64 0.34 -0.58	58.34 0.12 -0.08	50.84 -0.05 0.00
NEG MILLWOOD___DRP 24198	57.42 2.73 0.00	55.37 2.59 0.00	52.09 2.24 0.00	50.97 2.05 0.00	49.76 1.96 0.00	48.55 2.09 0.00	50.59 2.32 0.00	52.88 2.61 0.00	55.61 3.00 0.00	58.26 3.40 0.00	64.50 4.28 0.00	70.24 4.66 0.00	83.00 6.36 0.00	93.01 8.38 0.00	101.84 9.51 0.00	125.15 12.72 -0.89	143.82 14.76 -10.97	158.11 16.00 -17.08	151.12 15.42 -2.75	125.03 11.73 -2.69	95.51 8.29 0.00	72.60 4.88 0.00	62.21 4.07 0.00	54.14 3.26 0.00
NEG NORTH_FLCN_SEA 23793	54.96 0.27 0.00	52.99 0.21 0.00	50.05 0.20 0.00	49.20 0.29 0.00	48.13 0.33 0.00	46.88 0.42 0.00	48.75 0.48 0.00	50.72 0.45 0.00	53.03 0.42 0.00	54.64 -0.22 0.00	58.90 -1.32 0.00	63.55 -2.03 0.00	74.19 -2.45 0.00	81.07 -3.55 0.00	87.99 -4.34 0.00	105.96 -5.58 0.00	111.83 -6.26 0.00	118.53 -6.50 0.00	126.57 -6.38 0.00	105.64 -4.98 0.00	83.39 -3.84 0.00	65.15 -2.57 0.00	56.34 -1.80 0.00	50.38 -0.51 0.00
NEG NORTH_KES_CHATEGAY 23792	54.47 -0.22 0.00	52.52 -0.26 0.00	49.60 -0.25 0.00	48.81 -0.10 0.00	47.75 -0.05 0.00	46.46 0.00 0.00	48.32 0.05 0.00	50.22 -0.05 0.00	52.45 -0.16 0.00	54.37 -0.49 0.00	59.26 -0.96 0.00	64.27 -1.31 0.00	75.03 -1.61 0.00	82.01 -2.62 0.00	89.01 -3.32 0.00	107.19 -4.35 0.00	113.37 -4.72 0.00	120.15 -4.88 0.00	128.16 -4.79 0.00	107.08 -3.54 0.00	84.52 -2.70 0.00	66.03 -1.69 0.00	56.69 -1.45 0.00	49.92 -0.97 0.00
NEG NORTH___ALICE_FALLS 23915	55.07 0.38 0.00	53.05 0.26 0.00	50.00 0.15 0.00	49.20 0.29 0.00	48.18 0.38 0.00	46.97 0.51 0.00	48.85 0.58 0.00	50.72 0.45 0.00	52.92 0.32 0.00	54.69 -0.16 0.00	59.32 -0.90 0.00	64.27 -1.31 0.00	75.11 -1.53 0.00	82.09 -2.54 0.00	89.10 -3.23 0.00	107.41 -4.13 0.00	113.25 -4.84 0.00	119.65 -5.38 0.00	128.03 -4.92 0.00	106.96 -3.65 0.00	84.44 -2.79 0.00	65.90 -1.83 0.00	56.75 -1.40 0.00	50.33 -0.56 0.00
NEG NORTH___LWR_SARANAC 23913	55.07 0.38 0.00	53.05 0.26 0.00	50.00 0.15 0.00	49.20 0.29 0.00	48.18 0.38 0.00	46.97 0.51 0.00	48.85 0.58 0.00	50.72 0.45 0.00	52.92 0.32 0.00	54.69 -0.16 0.00	59.32 -0.90 0.00	64.27 -1.31 0.00	75.11 -1.53 0.00	82.09 -2.54 0.00	89.10 -3.23 0.00	107.41 -4.13 0.00	113.25 -4.84 0.00	119.65 -5.38 0.00	128.03 -4.92 0.00	106.96 -3.65 0.00	84.44 -2.79 0.00	65.90 -1.83 0.00	56.75 -1.40 0.00	50.33 -0.56 0.00
NEG NORTH___PLATTSBURG 23628	55.07 0.39 0.00	53.05 0.27 0.00	50.00 0.15 0.00	49.21 0.30 0.00	48.18 0.38 0.00	46.97 0.51 0.00	48.80 0.53 0.00	50.72 0.45 0.00	52.92 0.32 0.00	54.70 -0.16 0.00	59.32 -0.90 0.00	64.27 -1.31 0.00	75.11 -1.53 0.00	82.09 -2.54 0.00	89.19 -3.14 0.00	107.41 -4.12 0.00	113.24 -4.85 0.00	119.78 -5.25 0.00	128.03 -4.92 0.00	106.97 -3.65 0.00	84.43 -2.79 0.00	65.90 -1.83 0.00	56.75 -1.40 0.00	50.33 -0.56 0.00
NEG WEST_LEA_LOCKPORT 23791	49.31 -4.10 1.27	46.28 -4.86 1.65	44.53 -4.59 0.73	44.12 -4.35 0.44	43.44 -4.35 0.01	40.84 -4.55 1.07	40.02 -4.25 4.00	41.90 -3.77 4.60	40.84 -3.37 8.40	45.38 -3.46 6.02	50.41 -3.97 5.84	55.07 -4.07 6.45	63.02 -5.98 7.64	65.46 -6.43 12.74	72.29 -7.29 12.75	82.05 -9.59 19.89	87.13 -10.98 19.98	87.45 -12.38 25.20	94.78 -13.03 25.14	86.13 -9.62 14.86	69.10 -7.76 10.36	56.35 -5.49 5.89	50.04 -5.06 3.04	44.58 -4.43 1.88
NEG WEST___LANCASTR 23811	48.68 -4.87 1.14	46.13 -5.01 1.64	44.24 -4.89 0.72	43.48 -5.04 0.40	44.64 -3.15 0.01	42.56 -2.83 1.06	42.67 -1.11 4.49	44.75 -0.50 5.01	43.34 0.11 9.37	48.33 0.22 6.74	53.98 0.12 6.36	59.17 0.46 6.87	68.32 -0.31 8.02	73.22 -0.25 11.16	80.05 -0.37 11.92	92.91 -1.12 17.51	98.08 -2.60 17.41	100.47 -3.13 21.43	109.50 -2.53 20.93	95.57 -1.44 13.60	75.77 -1.13 10.32	57.60 -4.27 5.86	49.57 -5.76 2.82	43.90 -5.29 1.69

NEG_PENN_ALLEGHNY 23528	55.03 0.16 -0.18	53.12 -0.11 -0.44	50.38 -0.10 -0.63	49.30 -0.15 -0.54	48.67 0.05 -0.82	46.82 0.09 -0.26	49.86 0.48 -1.11	51.60 0.61 -0.73	54.87 0.79 -1.47	57.14 0.93 -1.35	62.39 1.09 -1.08	67.70 1.31 -0.80	79.07 1.38 -1.05	88.46 2.12 -1.71	95.54 2.49 -0.71	118.20 3.01 -3.65	124.50 2.72 -3.69	132.31 2.37 -4.91	142.22 2.80 -6.48	114.39 2.43 -1.35	87.59 1.31 0.95	67.70 0.54 0.57	57.64 0.12 0.62	50.32 -0.10 0.46
NEG___GEN_MONROE 24207	52.27 -1.04 1.37	49.85 -1.64 1.30	47.67 -1.60 0.58	46.87 -1.57 0.48	45.97 -1.82 0.01	43.78 -1.86 0.82	44.77 -2.08 1.43	46.36 -1.81 2.10	47.99 -1.53 3.09	51.11 -1.59 2.15	55.70 -1.87 2.66	60.33 -1.84 3.41	69.03 -3.14 4.47	75.11 -3.22 6.31	80.79 -3.69 7.85	97.54 -4.57 9.42	103.90 -5.20 9.00	108.82 -6.25 9.95	117.94 -6.25 8.76	97.21 -4.42 8.98	75.35 -3.84 8.04	60.81 -2.30 4.61	53.12 -1.98 3.04	46.87 -1.98 2.04
NEPA___ENERGY 23901	50.38 -3.17 1.14	47.27 -3.85 1.66	45.43 -3.69 0.73	44.90 -3.62 0.40	44.83 -2.96 0.01	42.46 -2.93 1.08	41.32 -2.32 4.63	43.35 -1.76 5.16	41.67 -1.26 9.68	46.80 -1.10 6.97	52.36 -1.32 6.54	57.37 -1.18 7.03	66.30 -2.15 8.19	69.32 -2.12 13.20	77.39 -2.22 12.72	88.49 -3.35 19.70	94.08 -4.25 19.76	95.06 -5.13 24.85	103.31 -4.92 24.72	93.12 -2.99 14.51	74.08 -2.70 10.44	58.55 -3.25 5.93	51.49 -3.84 2.81	45.54 -3.66 1.68
NEVERSINK___HYD 23608	56.10 2.08 0.66	53.93 1.90 0.75	51.01 1.70 0.53	49.96 1.52 0.46	49.23 1.43 0.01	47.95 1.49 0.00	50.00 1.74 0.00	52.38 2.11 0.00	54.92 2.31 0.00	57.49 2.63 0.00	63.48 3.25 0.00	69.12 3.54 0.00	81.47 4.83 0.00	91.15 6.52 0.00	99.63 7.29 0.00	121.13 9.59 0.00	128.36 10.27 0.00	136.52 11.50 0.00	145.44 12.49 0.00	120.13 9.51 0.00	93.26 6.63 0.60	71.58 3.86 0.00	61.28 3.20 0.06	53.33 2.44 0.00
NEWKRMKL_115KV_TB1 55635	53.87 0.87 1.69	51.92 1.06 1.92	49.43 0.95 1.37	48.50 0.78 1.19	48.50 0.72 0.02	47.16 0.70 0.00	48.95 0.68 0.00	50.72 0.45 0.00	52.71 0.11 0.00	54.97 0.11 0.00	60.53 0.30 0.00	66.04 0.46 0.00	77.40 0.77 0.00	86.24 1.61 0.00	94.55 2.22 0.00	110.97 2.90 3.47	109.74 3.42 11.77	115.94 3.63 12.72	126.84 3.99 10.10	104.18 3.43 9.86	88.14 2.44 1.53	69.08 1.35 0.00	59.20 1.22 0.16	52.01 1.12 0.00
NEWTON___FALLS_HYD 23847	55.32 0.27 -0.35	53.70 0.48 -0.44	50.76 0.40 -0.51	49.87 0.49 -0.47	49.02 0.62 -0.60	47.37 0.65 -0.26	49.58 0.87 -0.44	51.35 0.80 -0.28	53.68 0.74 -0.34	55.68 0.38 -0.43	60.75 0.06 -0.47	65.67 -0.33 -0.41	76.36 -1.00 -0.72	83.66 -1.78 -0.81	90.68 -2.22 -0.56	110.13 -3.01 -1.61	115.76 -3.78 -1.45	123.11 -3.38 -1.46	132.83 -2.26 -2.14	110.05 -1.55 -0.98	86.36 -0.87 0.00	67.39 -0.34 0.00	57.85 -0.29 0.00	50.89 0.00 0.00
NGRID_A1_DSASP 323792	49.64 -3.77 1.27	46.63 -4.49 1.66	44.98 -4.14 0.73	44.60 -3.86 0.44	43.78 -4.02 0.01	40.88 -4.51 1.07	39.28 -4.97 4.02	41.03 -4.62 4.61	39.98 -4.21 8.42	44.49 -4.33 6.04	49.37 -5.00 5.85	53.89 -5.25 6.44	61.87 -7.13 7.64	63.78 -8.04 12.81	70.97 -9.05 12.31	81.41 -11.60 18.53	86.60 -12.99 18.50	87.28 -14.75 23.00	95.00 -15.29 22.66	83.85 -11.73 15.04	67.38 -9.42 10.43	55.90 -5.89 5.93	49.68 -5.41 3.05	44.47 -4.53 1.89
NGRID_A2_DSASP 323793	49.64 -3.77 1.27	46.63 -4.49 1.66	44.98 -4.14 0.73	44.60 -3.86 0.44	43.78 -4.02 0.01	40.88 -4.51 1.07	39.28 -4.97 4.02	41.03 -4.62 4.61	39.98 -4.21 8.42	44.49 -4.33 6.04	49.37 -5.00 5.85	53.89 -5.25 6.44	61.87 -7.13 7.64	63.78 -8.04 12.81	70.97 -9.05 12.31	81.41 -11.60 18.53	86.60 -12.99 18.50	87.28 -14.75 23.00	95.00 -15.29 22.66	83.85 -11.73 15.04	67.38 -9.42 10.43	55.90 -5.89 5.93	49.68 -5.41 3.05	44.47 -4.53 1.89
NGRID_A4_DSASP 323807	49.64 -3.77 1.27	46.63 -4.49 1.66	44.98 -4.14 0.73	44.60 -3.86 0.44	43.78 -4.02 0.01	40.88 -4.51 1.07	39.28 -4.97 4.02	41.03 -4.62 4.61	39.98 -4.21 8.42	44.49 -4.33 6.04	49.37 -5.00 5.85	53.89 -5.25 6.44	61.87 -7.13 7.64	63.78 -8.04 12.81	70.97 -9.05 12.31	81.41 -11.60 18.53	86.60 -12.99 18.50	87.28 -14.75 23.00	95.00 -15.29 22.66	83.85 -11.73 15.04	67.38 -9.42 10.43	55.90 -5.89 5.93	49.68 -5.41 3.05	44.47 -4.53 1.89
NIAGARA_115E_LBMP 323715	48.77 -4.65 1.26	45.74 -5.38 1.66	44.09 -5.03 0.73	43.68 -4.79 0.44	43.06 -4.73 0.01	40.37 -5.02 1.07	39.72 -4.54 4.01	41.54 -4.12 4.61	40.51 -3.68 8.42	45.09 -3.73 6.04	49.98 -4.39 5.85	54.52 -4.59 6.47	62.39 -6.59 7.66	64.82 -6.94 12.88	71.52 -7.85 12.97	80.75 -10.26 20.52	85.62 -11.81 20.66	85.45 -13.38 26.21	92.73 -13.96 26.26	85.14 -10.40 15.07	68.12 -8.72 10.39	56.01 -5.82 5.89	49.24 -5.87 3.03	43.47 -5.55 1.87
NIAGARA_115W_LBMP 323714	49.75 -3.66 1.28	46.74 -4.38 1.66	45.13 -3.99 0.73	44.70 -3.77 0.44	44.01 -3.78 0.01	41.02 -4.37 1.07	39.19 -5.07 4.01	40.98 -4.67 4.61	39.93 -4.26 8.42	44.32 -4.50 6.04	49.32 -5.06 5.85	53.83 -5.31 6.45	61.71 -7.28 7.64	63.75 -8.04 12.84	71.09 -8.86 12.38	81.42 -11.38 18.74	86.38 -12.99 18.72	87.07 -14.63 23.33	94.76 -15.16 23.03	84.30 -11.28 15.03	68.52 -8.29 10.42	55.84 -5.96 5.93	49.80 -5.29 3.06	44.21 -4.79 1.89
NIAGARA_230_LBMP 323716	49.67 -3.72 1.29	46.65 -4.49 1.65	44.99 -4.14 0.73	44.50 -3.96 0.45	43.87 -3.92 0.01	41.17 -4.23 1.06	39.69 -4.59 3.99	41.51 -4.17 4.59	40.42 -3.79 8.40	45.00 -3.84 6.02	50.00 -4.39 5.83	54.54 -4.59 6.45	62.64 -6.36 7.64	65.00 -6.77 12.86	71.82 -7.57 12.95	81.33 -9.70 20.50	86.23 -11.22 20.64	86.09 -12.75 26.19	93.54 -13.16 26.24	85.83 -9.73 15.05	68.66 -8.20 10.37	55.96 -5.89 5.87	50.36 -4.71 3.08	44.34 -4.63 1.91
NIAGARA___115KV_198_GIBSON 55903	49.58 -3.83 1.28	46.58 -4.54 1.66	44.93 -4.19 0.73	44.55 -3.91 0.44	43.78 -4.02 0.01	40.79 -4.60 1.07	39.24 -5.02 4.01	40.93 -4.73 4.61	39.93 -4.26 8.42	44.38 -4.44 6.04	49.25 -5.12 5.85	53.76 -5.38 6.45	61.71 -7.28 7.64	63.58 -8.21 12.84	70.72 -9.23 12.38	80.98 -11.82 18.74	86.14 -13.23 18.72	86.82 -14.88 23.33	94.36 -15.56 23.03	83.64 -11.95 15.03	67.21 -9.60 10.42	55.84 -5.96 5.93	49.56 -5.52 3.06	44.42 -4.58 1.89
NIAGARA____ 23760	49.70 -3.72 1.27	46.64 -4.49 1.66	44.98 -4.14 0.73	44.51 -3.96 0.44	43.87 -3.92 0.01	41.16 -4.23 1.07	39.68 -4.59 4.00	41.50 -4.17 4.60	40.42 -3.79 8.40	44.99 -3.84 6.03	49.99 -4.39 5.84	54.54 -4.59 6.45	62.63 -6.36 7.65	65.00 -6.77 12.85	71.96 -7.57 12.81	81.72 -9.70 20.11	86.62 -11.22 20.25	86.68 -12.75 25.60	94.18 -13.16 25.60	85.83 -9.73 15.05	68.66 -8.20 10.37	55.96 -5.87 5.87	50.39 -4.71 3.04	44.38 -4.63 1.88
NINE_MILE_1 23575	36.79 -1.70 16.20	34.77 -1.74 16.27	34.97 -1.64 13.24	35.07 -1.66 12.17	34.83 -1.63 11.35	34.97 -1.58 9.91	34.64 -1.64 11.99	34.86 -1.66 13.75	35.86 -1.69 15.06	39.27 -1.70 13.89	38.74 -1.93 19.55	39.64 -2.03 23.90	37.64 -2.53 36.47	37.82 -2.54 44.27	37.02 -2.68 52.63	38.17 -3.12 70.25	51.38 -3.54 63.17	60.78 -4.01 60.24	66.50 -4.12 62.32	42.42 -3.32 64.88	35.35 -2.70 49.17	37.15 -2.23 28.35	35.69 -1.86 20.59	35.04 -1.73 14.12

NINE_MILE_2 23744	36.56 -1.70 16.43	34.54 -1.74 16.50	34.78 -1.64 13.43	34.90 -1.66 12.35	34.66 -1.63 11.52	34.83 -1.58 10.05	34.47 -1.64 12.16	34.67 -1.66 13.94	35.66 -1.69 15.27	39.07 -1.70 14.09	38.47 -1.93 19.82	39.32 -2.03 24.23	37.14 -2.53 36.97	37.21 -2.54 44.88	36.32 -2.68 53.34	37.19 -3.12 71.22	50.50 -3.54 64.05	59.94 -4.01 61.08	65.61 -4.12 63.22	41.54 -3.32 65.76	34.71 -2.70 49.81	36.78 -2.23 28.71	35.42 -1.86 20.86	34.85 -1.73 14.30
NM_CAPITAL___DRP 24208	63.22 1.04 -7.49	62.43 1.16 -8.49	56.96 1.05 -6.07	55.11 0.93 -5.27	48.73 0.86 -0.07	47.25 0.79 0.00	49.04 0.77 0.00	50.87 0.60 0.00	52.98 0.37 0.00	55.24 0.38 0.00	60.83 0.60 0.00	66.30 0.72 0.00	77.79 1.15 0.00	86.58 1.95 0.00	95.01 2.68 0.00	120.07 3.35 -5.19	139.58 3.90 -17.59	147.98 4.13 -18.83	152.16 4.25 -14.95	128.86 3.65 -14.60	96.70 2.70 -6.77	69.22 1.49 0.00	60.25 1.40 -0.71	52.11 1.22 0.00
NM_CENTRAL___DRP 24181	54.28 -0.55 -0.14	52.42 -0.74 -0.38	49.91 -0.70 -0.76	48.83 -0.78 -0.70	48.20 -0.72 -1.12	46.02 -0.65 -0.21	48.25 -0.63 -0.61	49.77 -0.55 -0.06	52.33 -0.42 -0.15	54.97 -0.38 -0.50	60.03 -0.48 -0.29	65.07 -0.39 0.12	76.10 -0.61 -0.08	84.12 -0.42 0.08	90.81 -0.28 1.25	112.12 -0.22 -0.80	118.23 -0.59 -0.73	124.96 -1.00 -0.93	134.67 -1.06 -2.78	109.02 -0.88 0.71	83.75 -0.79 2.69	65.29 -0.88 1.55	56.32 -0.70 1.13	49.40 -0.71 0.77
NM_FRONTIER___DRP 24179	49.58 -3.83 1.28	46.58 -4.54 1.66	44.93 -4.19 0.73	44.55 -3.91 0.44	43.78 -4.02 0.01	40.79 -4.60 1.07	39.24 -5.02 4.01	40.93 -4.73 4.61	39.93 -4.26 8.42	44.38 -4.44 6.04	49.25 -5.12 5.85	53.76 -5.38 6.45	61.71 -7.28 7.64	63.58 -8.21 12.84	70.72 -9.23 12.38	80.98 -11.82 18.74	86.14 -13.23 18.72	86.82 -14.88 23.33	94.36 -15.56 23.03	83.64 -11.95 15.03	67.21 -9.60 10.42	55.84 -5.96 5.93	49.56 -5.52 3.06	44.42 -4.58 1.89
NM_ST_REGIS___HYD 24053	54.19 -0.49 0.00	52.57 -0.21 0.00	49.65 -0.20 0.00	48.86 -0.05 0.00	47.85 0.05 0.00	46.60 0.14 0.00	48.32 0.05 0.00	50.12 -0.15 0.00	52.29 -0.32 0.00	54.20 -0.66 0.00	59.20 -1.02 0.00	63.94 -1.64 0.00	74.42 -2.22 0.00	80.91 -3.72 0.00	87.53 -4.80 0.00	105.29 -6.25 0.00	111.12 -6.97 0.00	118.15 -6.88 0.00	126.57 -6.38 0.00	105.86 -4.76 0.00	84.00 -3.23 0.00	66.03 -1.69 0.00	56.69 -1.45 0.00	50.07 -0.81 0.00
NORTHPORT___1 23551	55.78 1.09 0.00	54.32 1.53 0.00	52.24 2.39 0.00	51.16 2.25 0.00	49.52 1.72 0.00	47.85 1.39 0.00	49.86 1.59 0.00	52.38 2.11 0.00	54.08 1.47 0.00	55.95 1.10 0.01	58.37 2.11 3.96	69.06 3.47 0.00	68.44 5.28 13.48	80.96 7.53 11.20	85.79 8.31 14.86	102.96 11.38 19.96	114.10 12.64 16.63	116.78 13.75 22.00	126.77 13.70 19.87	106.40 10.29 14.50	96.13 7.24 -1.66	65.94 4.20 5.99	59.92 2.21 0.43	53.48 2.59 0.00
NORTHPORT___2 23552	55.78 1.09 0.00	54.32 1.53 0.00	52.24 2.39 0.00	51.16 2.25 0.00	49.52 1.72 0.00	47.85 1.39 0.00	49.86 1.59 0.00	52.38 2.11 0.00	54.08 1.47 0.00	55.95 1.10 0.01	58.37 2.11 3.96	69.06 3.47 0.00	68.44 5.28 13.48	80.96 7.53 11.20	85.79 8.31 14.86	102.96 11.38 19.96	114.10 12.64 16.63	116.78 13.75 22.00	126.77 13.70 19.87	106.40 10.29 14.50	96.13 7.24 -1.66	65.94 4.20 5.99	59.92 2.21 0.43	53.48 2.59 0.00
NORTHPORT___3 23553	55.61 0.93 0.00	54.21 1.43 0.00	52.14 2.29 0.00	51.06 2.15 0.00	49.47 1.67 0.00	47.81 1.35 0.00	49.86 1.59 0.00	52.33 2.06 0.00	53.97 1.37 0.00	55.84 0.99 0.01	59.86 1.98 2.35	68.99 3.41 0.00	73.70 5.14 8.07	80.85 7.45 11.23	92.79 8.13 7.67	115.95 11.15 6.74	132.15 12.51 -1.55	149.45 13.51 -10.91	147.47 13.42 -1.10	118.37 10.06 2.31	96.99 7.06 -2.70	67.31 4.06 4.48	59.79 2.09 0.44	53.42 2.54 0.01
NORTHPORT___4 23650	55.61 0.93 0.00	54.21 1.43 0.00	52.14 2.29 0.00	51.06 2.15 0.00	49.47 1.67 0.00	47.81 1.35 0.00	49.86 1.59 0.00	52.33 2.06 0.00	53.97 1.37 0.00	55.84 0.99 0.01	59.86 1.98 2.35	68.99 3.41 0.00	73.70 5.14 8.07	80.85 7.45 11.23	92.79 8.13 7.67	115.95 11.15 6.74	132.15 12.51 -1.55	149.45 13.51 -10.91	147.47 13.42 -1.10	118.37 10.06 2.31	96.99 7.06 -2.70	67.31 4.06 4.48	59.79 2.09 0.44	53.42 2.54 0.01
NORTHPORT___IC 23718	56.05 1.37 0.00	54.63 1.85 0.00	52.44 2.59 0.00	51.21 2.30 0.00	49.57 1.77 0.00	47.95 1.49 0.00	50.01 1.74 0.00	52.43 2.16 0.00	54.24 1.63 0.00	56.00 1.15 0.01	58.37 2.11 3.96	69.12 3.54 0.00	68.29 5.13 13.48	81.04 7.62 11.20	86.06 8.59 14.86	102.96 11.38 19.96	114.21 12.75 16.63	116.78 13.75 22.00	126.73 13.69 19.91	106.47 10.40 14.54	96.22 7.33 -1.66	65.94 4.20 5.99	59.86 2.15 0.43	54.40 3.51 0.00
NORTH___COUNTRY_ESR 323785	54.36 -0.33 0.00	52.42 -0.37 0.00	49.50 -0.35 0.00	48.72 -0.19 0.00	47.66 -0.14 0.00	46.37 -0.09 0.00	48.17 -0.10 0.00	50.17 -0.10 0.00	52.45 -0.16 0.00	54.42 -0.44 0.00	59.32 -0.90 0.00	64.40 -1.18 0.00	75.11 -1.53 0.00	82.09 -2.54 0.00	89.19 -3.14 0.00	107.30 -4.24 0.00	113.36 -4.73 0.00	120.15 -4.88 0.00	128.03 -4.92 0.00	106.74 -3.87 0.00	84.35 -2.88 0.00	65.90 -1.83 0.00	56.52 -1.63 0.00	49.77 -1.12 0.00
NPX_GEN_1385_PROXY 323591	57.31 2.62 0.00	55.68 2.90 0.00	53.49 3.64 0.00	52.43 3.52 0.00	50.09 2.29 0.00	48.09 1.63 0.00	50.10 1.83 0.00	52.73 2.46 0.00	54.45 1.84 0.00	56.22 1.37 0.01	58.85 2.59 3.96	69.58 4.00 0.00	68.83 5.67 13.48	81.38 7.95 11.20	86.43 8.95 14.86	103.74 12.16 19.96	114.80 13.34 16.63	117.40 14.37 22.00	127.70 14.62 19.87	107.40 11.29 14.50	96.91 8.02 -1.66	66.68 4.94 5.99	60.50 2.79 0.43	53.48 2.59 0.00
NPX_GEN_CSC 323557	57.54 2.84 -0.01	55.74 2.95 0.00	53.29 3.44 0.00	51.85 2.93 0.00	50.19 2.39 0.00	48.13 1.67 0.00	50.15 1.88 0.00	53.03 2.76 0.00	55.08 2.47 0.00	57.38 2.52 0.01	64.83 3.61 -0.99	71.03 5.44 -0.01	88.89 7.66 -4.59	100.59 10.07 -5.89	121.76 10.98 -18.44	165.44 14.28 -39.62	328.41 15.47 -194.86	298.36 16.50 -156.83	235.58 17.16 -85.47	179.78 13.94 -55.23	145.99 10.38 -48.39	96.32 6.84 -21.75	66.55 4.30 -4.11	55.47 4.27 -0.30
NSINS_S_GLNS_FALLS 23858	63.49 2.57 -6.23	62.59 2.74 -7.06	57.49 2.59 -5.05	55.69 2.40 -4.38	50.16 2.29 -0.06	48.74 2.28 0.00	50.68 2.41 0.00	52.48 2.21 0.00	54.50 1.89 0.00	56.61 1.76 0.00	62.33 2.11 0.00	68.40 2.82 0.00	80.16 3.53 0.00	89.54 4.91 0.00	98.34 6.00 0.00	124.23 7.92 -4.77	142.54 8.27 -16.18	151.09 8.75 -17.31	155.70 9.04 -13.71	131.30 7.30 -13.38	99.23 6.37 -5.63	72.33 4.61 0.00	62.57 3.84 -0.59	53.74 2.85 0.00
NUCOR_STEEL___DRP 24197	56.11 0.33 -1.10	54.27 0.05 -1.44	51.47 0.00 -1.62	50.27 -0.10 -1.46	49.61 -0.05 -1.86	47.37 0.05 -0.86	50.27 0.14 -1.86	51.89 0.25 -1.37	55.01 0.32 -2.08	57.29 0.33 -2.10	62.61 0.30 -2.08	68.00 0.52 -1.89	79.90 0.38 -2.87	89.07 0.68 -3.76	96.02 0.92 -2.76	119.81 1.23 -7.05	125.80 1.06 -6.65	133.16 0.63 -7.50	143.68 0.93 -9.80	115.96 1.11 -4.24	88.38 0.61 -0.54	68.23 0.20 -0.30	58.24 0.06 -0.04	50.84 -0.05 0.00

NUMBER_THREE_WT_PWR 323818	56.38 1.26 -0.44	54.64 1.32 -0.54	51.73 1.25 -0.63	50.71 1.22 -0.58	49.87 1.34 -0.74	48.13 1.35 -0.32	50.25 1.45 -0.54	52.02 1.41 -0.34	54.44 1.42 -0.41	56.43 1.04 -0.53	61.53 0.73 -0.58	66.55 0.46 -0.51	77.37 -0.15 -0.88	84.94 -0.68 -0.99	92.19 -0.83 -0.69	112.18 -1.33 -1.97	117.74 -2.12 -1.78	125.20 -1.63 -1.80	135.18 -0.40 -2.63	111.60 -0.22 -1.21	87.40 0.17 0.00	67.93 0.20 0.00	58.32 0.17 0.00	51.24 0.36 0.00
NYISO_LBMP_REFERENCE 24008	54.69 0.00 0.00	52.78 0.00 0.00	49.85 0.00 0.00	48.91 0.00 0.00	47.80 0.00 0.00	46.46 0.00 0.00	48.27 0.00 0.00	50.27 0.00 0.00	52.61 0.00 0.00	54.86 0.00 0.00	60.23 0.00 0.00	65.58 0.00 0.00	76.64 0.00 0.00	84.63 0.00 0.00	92.33 0.00 0.00	111.54 0.00 0.00	118.09 0.00 0.00	125.03 0.00 0.00	132.95 0.00 0.00	110.61 0.00 0.00	87.23 0.00 0.00	67.73 0.00 0.00	58.14 0.00 0.00	50.89 0.00 0.00
NYPA_BRENTWD____GT 24164	57.04 2.35 0.00	55.32 2.53 0.00	52.99 3.14 0.00	51.85 2.93 0.00	50.19 2.39 0.00	48.46 2.00 0.00	50.54 2.27 0.00	53.18 2.91 0.00	55.08 2.47 0.00	57.21 2.36 0.01	66.64 3.61 -2.80	70.63 5.05 0.00	86.42 7.13 -2.65	99.91 9.39 -5.89	111.95 10.34 -9.28	149.42 13.94 -23.94	214.90 15.47 -81.35	237.83 16.63 -96.17	202.63 16.75 -52.93	153.72 12.83 -30.28	113.70 9.16 -17.32	78.72 5.89 -5.10	62.50 3.49 -0.87	54.71 3.77 -0.06
NYPA_GOWANUS____GT5 24156	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.82 1.91 -0.01	49.67 1.86 -0.01	48.56 2.09 -0.01	50.69 2.41 -0.01	53.34 3.07 -0.01	55.99 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.44 8.80 -0.01	101.33 8.95 -0.04	125.08 12.38 -1.16	230.76 13.57 -99.09	165.01 14.75 -25.24	150.72 14.76 -3.01	124.51 10.95 -2.94	94.82 7.58 -0.01	72.19 4.47 0.00	62.63 4.48 -0.01	54.66 3.77 -0.01
NYPA_GOWANUS____GT6 24157	57.43 2.73 -0.01	55.33 2.53 -0.01	52.00 2.14 -0.01	50.82 1.91 -0.01	49.67 1.86 -0.01	48.56 2.09 -0.01	50.69 2.41 -0.01	53.34 3.07 -0.01	55.99 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.44 8.80 -0.01	101.33 8.95 -0.04	125.08 12.38 -1.16	230.76 13.57 -99.09	165.01 14.75 -25.24	150.72 14.76 -3.01	124.51 10.95 -2.94	94.82 7.58 -0.01	72.19 4.47 0.00	62.63 4.48 -0.01	54.66 3.77 -0.01
NYPA_HARLEM__RVR__GT1 24160	57.21 2.52 -0.01	55.17 2.38 -0.01	51.85 2.00 -0.01	50.68 1.76 -0.01	49.53 1.72 -0.01	48.37 1.91 0.00	50.35 2.07 -0.01	52.89 2.61 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.21 -0.01	69.58 4.00 0.00	82.62 5.98 0.00	92.94 8.30 -0.01	100.93 8.59 0.00	124.04 11.49 -1.01	146.92 12.87 -15.96	164.02 13.75 -25.24	149.66 13.70 -3.01	123.62 10.06 -2.94	94.30 7.06 -0.01	71.93 4.20 -0.01	62.45 4.30 -0.01	54.46 3.56 -0.01
NYPA_HARLEM__RVR__GT2 24161	57.21 2.52 -0.01	55.17 2.38 -0.01	51.85 2.00 -0.01	50.68 1.76 -0.01	49.53 1.72 -0.01	48.37 1.91 0.00	50.35 2.07 -0.01	52.89 2.61 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.21 -0.01	69.58 4.00 0.00	82.62 5.98 0.00	92.94 8.30 -0.01	100.93 8.59 0.00	124.04 11.49 -1.01	146.92 12.87 -15.96	164.02 13.75 -25.24	149.66 13.70 -3.01	123.62 10.06 -2.94	94.30 7.06 -0.01	71.93 4.20 -0.01	62.45 4.30 -0.01	54.46 3.56 -0.01
NYPA_KENT____GT 24152	57.26 2.57 0.00	55.17 2.38 -0.01	51.85 2.00 0.00	50.67 1.76 0.00	49.52 1.72 0.00	48.42 1.95 0.00	50.55 2.27 -0.01	53.19 2.91 -0.01	55.83 3.21 -0.01	58.60 3.73 -0.01	64.69 4.46 -0.01	69.84 4.26 0.00	82.84 6.20 0.00	93.18 8.54 0.00	101.08 8.78 0.03	124.49 12.05 -0.90	98.92 13.22 32.39	164.62 14.37 -25.22	150.31 14.36 -3.00	124.16 10.62 -2.93	94.55 7.33 0.00	72.00 4.27 0.00	62.45 4.30 0.00	54.51 3.61 -0.01
NYPA_POUCH1____GT 24155	57.32 2.62 -0.01	55.22 2.43 -0.01	51.95 2.09 -0.01	50.78 1.86 -0.01	49.62 1.82 -0.01	48.56 2.09 -0.01	50.59 2.32 -0.01	53.24 2.97 -0.01	55.88 3.26 -0.01	58.54 3.68 -0.01	64.63 4.39 -0.01	69.78 4.20 0.00	82.84 6.20 0.00	93.10 8.46 -0.01	100.94 8.59 -0.02	124.38 11.82 -1.02	147.15 13.11 -15.96	164.39 14.12 -25.24	150.05 14.09 -3.01	124.07 10.51 -2.94	94.56 7.33 -0.01	72.00 4.27 0.00	62.39 4.24 -0.01	54.51 3.61 -0.01
NYPA_VERNON____GT2 24162	57.09 2.40 0.00	55.01 2.22 0.00	51.70 1.85 0.00	50.52 1.61 0.00	49.38 1.58 0.00	48.27 1.81 0.00	50.40 2.12 -0.01	53.04 2.76 -0.01	55.72 3.10 -0.01	58.49 3.62 -0.01	64.51 4.28 -0.01	69.65 4.07 0.00	82.62 5.98 0.00	92.93 8.30 0.00	100.81 8.49 0.01	124.22 11.71 -0.98	134.56 12.99 -3.48	164.38 14.12 -25.23	149.91 13.96 -3.00	123.83 10.29 -2.93	94.38 7.15 0.00	71.86 4.13 0.00	62.27 4.13 0.00	54.36 3.46 -0.01
NYPA_VERNON____GT3 24163	57.09 2.40 0.00	55.01 2.22 -0.01	51.70 1.85 0.00	50.52 1.61 0.00	49.38 1.58 0.00	48.27 1.81 0.00	50.40 2.12 -0.01	53.04 2.76 -0.01	55.72 3.10 -0.01	58.49 3.62 -0.01	64.51 4.28 -0.01	69.65 4.07 0.00	82.62 5.98 0.00	92.93 8.30 0.00	100.81 8.49 0.01	124.22 11.71 -0.98	134.56 12.99 -3.48	164.38 14.12 -25.23	149.91 13.96 -3.00	123.83 10.29 -2.93	94.38 7.15 0.00	71.86 4.13 0.00	62.27 4.13 0.00	54.36 3.46 -0.01
NYPA__ASTORIA_CC1 323568	57.04 2.35 0.00	54.96 2.16 -0.01	51.69 1.85 0.00	50.48 1.56 0.00	49.33 1.53 0.00	48.23 1.77 0.00	50.35 2.07 -0.01	52.99 2.71 -0.01	55.61 3.00 -0.01	58.38 3.51 -0.01	64.39 4.15 -0.01	69.52 3.93 0.00	82.46 5.82 0.00	92.75 8.13 0.00	100.64 8.31 0.01	124.03 11.49 -1.00	146.68 12.64 -15.95	164.01 13.75 -25.23	149.65 13.70 -3.00	123.61 10.06 -2.93	94.12 6.89 0.00	71.72 3.99 0.00	62.21 4.07 0.00	54.30 3.41 -0.01
NYPA__ASTORIA_CC2 323569	57.04 2.35 0.00	54.96 2.16 -0.01	51.69 1.85 0.00	50.48 1.56 0.00	49.33 1.53 0.00	48.23 1.77 0.00	50.35 2.07 -0.01	52.99 2.71 -0.01	55.61 3.00 -0.01	58.38 3.51 -0.01	64.39 4.15 -0.01	69.52 3.93 0.00	82.46 5.82 0.00	92.75 8.13 0.00	100.64 8.31 0.01	124.03 11.49 -1.00	146.68 12.64 -15.95	164.01 13.75 -25.23	149.65 13.70 -3.00	123.61 10.06 -2.93	94.12 6.89 0.00	71.72 3.99 0.00	62.21 4.07 0.00	54.30 3.41 -0.01
NYPA__HOLTSVILL 23794	56.77 2.08 -0.01	55.10 2.32 0.00	52.74 2.89 0.00	51.50 2.59 0.00	49.90 2.10 0.00	48.09 1.63 0.00	50.06 1.79 0.00	52.73 2.46 0.00	54.66 2.05 0.00	56.82 1.97 0.01	64.30 3.07 -1.00	70.38 4.78 -0.01	87.97 6.75 -4.58	99.66 9.14 -5.89	120.60 9.98 -18.29	164.28 13.38 -39.36	325.27 14.76 -192.43	296.60 15.88 -155.70	233.79 15.95 -84.89	177.75 12.39 -54.75	143.82 8.90 -47.69	94.67 5.55 -21.39	65.49 3.31 -4.03	54.69 3.51 -0.30
NYPA__HELLGATE_GT1 24158	57.21 2.52 -0.01	55.17 2.38 -0.01	51.85 2.00 -0.01	50.68 1.76 -0.01	49.53 1.72 -0.01	48.37 1.91 0.00	50.35 2.07 -0.01	52.89 2.61 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.21 -0.01	69.58 4.00 0.00	82.62 5.98 0.00	92.94 8.30 -0.01	100.93 8.59 0.00	124.04 11.49 -1.01	146.92 12.87 -15.96	164.02 13.75 -25.24	149.66 13.70 -3.01	123.62 10.06 -2.94	94.30 7.06 -0.01	71.93 4.20 -0.01	62.45 4.30 -0.01	54.46 3.56 -0.01

NYPA_____HELLGATE_GT2 24159	57.21 2.52 -0.01	55.17 2.38 -0.01	51.85 2.00 -0.01	50.68 1.76 -0.01	49.53 1.72 -0.01	48.37 1.91 0.00	50.35 2.07 -0.01	52.89 2.61 -0.01	55.40 2.79 -0.01	58.16 3.29 -0.01	64.45 4.21 -0.01	69.58 4.00 0.00	82.62 5.98 0.00	92.94 8.30 -0.01	100.93 8.59 0.00	124.04 11.49 -1.01	146.92 12.87 -15.96	164.02 13.75 -25.24	149.66 13.70 -3.01	123.62 10.06 -2.94	94.30 7.06 -0.01	71.93 4.20 -0.01	62.45 4.30 -0.01	54.46 3.56 -0.01
NYS_BARGE____HYD 23848	49.64 -3.77 1.28	46.62 -4.54 1.62	44.90 -4.24 0.72	44.46 -4.01 0.44	43.82 -3.97 0.01	41.19 -4.23 1.05	40.52 -3.96 3.79	42.36 -3.52 4.39	41.60 -3.05 7.96	46.08 -3.07 5.70	50.92 -3.73 5.57	55.52 -3.87 6.20	63.51 -5.75 7.38	66.41 -6.01 12.22	73.15 -6.83 12.35	83.55 -8.93 19.06	88.59 -10.39 19.11	89.15 -11.88 24.00	96.87 -12.23 23.85	87.26 -8.85 14.51	69.38 -7.68 10.17	56.79 -5.15 5.78	50.16 -4.94 3.04	44.21 -4.79 1.89
OAK ORCHARD____HYD 24046	52.21 -1.09 1.38	49.86 -1.64 1.29	47.73 -1.55 0.57	46.86 -1.57 0.48	46.07 -1.72 0.01	43.84 -1.81 0.81	44.69 -2.27 1.31	46.32 -1.96 1.99	48.12 -1.63 2.86	51.39 -1.48 1.99	55.95 -1.75 2.52	60.66 -1.64 3.28	69.55 -2.76 4.33	75.78 -2.79 6.06	81.54 -3.14 7.66	98.71 -3.79 9.04	105.01 -4.49 8.59	110.01 -5.62 9.40	119.07 -5.71 8.17	98.10 -3.87 8.64	75.80 -3.49 7.94	60.94 -2.23 4.55	53.53 -1.57 3.04	46.91 -1.93 2.04
OAKDALE____35_KV_LOAD 356122	54.67 -0.16 -0.15	52.83 -0.37 -0.42	50.06 -0.40 -0.61	48.99 -0.44 -0.52	48.41 -0.19 -0.81	46.57 -0.14 -0.25	49.54 0.14 -1.12	51.31 0.30 -0.74	54.60 0.47 -1.52	56.79 0.55 -1.38	61.98 0.66 -1.09	67.25 0.85 -0.81	78.52 0.84 -1.04	87.80 1.44 -1.73	94.89 1.85 -0.71	117.35 2.12 -3.69	123.61 1.77 -3.75	131.69 1.63 -5.04	141.42 1.86 -6.61	113.72 1.77 -1.34	87.38 1.13 0.98	67.28 0.14 0.59	57.20 -0.29 0.65	50.05 -0.36 0.48
OCC_CHEM____DRP 24175	49.64 -3.77 1.27	46.63 -4.49 1.66	44.98 -4.14 0.73	44.60 -3.86 0.44	43.78 -4.02 0.01	40.88 -4.51 1.07	39.28 -4.97 4.02	41.03 -4.62 4.61	39.98 -4.21 8.42	44.49 -4.33 6.04	49.37 -5.00 5.85	53.89 -5.25 6.44	61.87 -7.13 7.64	63.78 -8.04 12.81	70.97 -9.05 12.31	81.41 -11.60 18.53	86.60 -12.99 18.50	87.28 -14.75 23.00	95.00 -15.29 22.66	83.85 -11.73 15.04	67.38 -9.42 10.43	55.90 -5.89 5.93	49.68 -5.41 3.05	44.47 -4.53 1.89
OH_GEN_PROXY 24063	49.73 -3.66 1.29	46.74 -4.43 1.61	45.00 -4.14 0.71	44.55 -3.91 0.45	43.92 -3.87 0.01	41.25 -4.18 1.03	40.00 -4.54 3.73	41.87 -4.07 4.33	41.07 -3.68 7.85	45.51 -3.73 5.62	50.45 -4.27 5.50	55.06 -4.39 6.13	63.20 -6.13 7.30	65.95 -7.30 12.16	72.66 -9.37 12.38	82.90 -9.37 19.27	88.00 -10.75 19.34	88.40 -12.25 24.38	96.02 -12.63 24.30	87.26 -9.29 14.06	69.30 -7.85 10.08	56.31 -5.69 5.73	50.49 -4.59 3.06	44.39 -4.58 1.92
OLIN_CORP_DRP 24177	48.72 -4.70 1.26	45.68 -5.44 1.66	44.03 -5.08 0.73	43.63 -4.84 0.44	42.92 -4.88 0.01	40.32 -5.06 1.07	39.67 -4.54 4.06	41.54 -4.07 4.65	40.41 -3.68 8.51	44.97 -3.79 6.11	49.98 -4.34 5.91	54.55 -4.53 6.51	62.42 -6.51 7.71	63.84 -6.94 13.85	71.24 -7.94 13.15	80.17 -10.37 21.00	85.11 -11.81 21.17	84.84 -13.25 26.94	91.78 -14.09 27.07	84.77 -10.51 15.34	68.25 -8.55 10.43	55.98 -5.82 5.92	49.13 -5.99 3.03	43.83 -5.19 1.87
OLIN_CORP_DSASP 323712	49.64 -3.77 1.27	46.63 -4.49 1.66	44.98 -4.14 0.73	44.60 -3.86 0.44	43.78 -4.02 0.01	40.88 -4.51 1.07	39.28 -4.97 4.02	41.03 -4.62 4.61	39.98 -4.21 8.42	44.49 -4.33 6.04	49.37 -5.00 5.85	53.89 -5.25 6.44	61.87 -7.13 7.64	63.78 -8.04 12.81	70.97 -9.05 12.31	81.41 -11.60 18.53	86.60 -12.99 18.50	87.28 -14.75 23.00	95.00 -15.29 22.66	83.85 -11.73 15.04	67.38 -9.42 10.43	55.90 -5.89 5.93	49.68 -5.41 3.05	44.47 -4.53 1.89
ONEIDA_HERK_LFGE 323681	56.19 1.26 -0.24	54.30 1.21 -0.30	51.29 1.10 -0.35	50.31 1.07 -0.32	49.36 1.15 -0.41	47.80 1.16 -0.18	49.78 1.21 -0.30	51.72 1.26 -0.19	54.15 1.32 -0.23	56.31 1.15 -0.30	61.63 1.09 -0.32	66.98 1.11 -0.28	77.97 0.84 -0.49	86.20 1.02 -0.55	93.92 1.20 -0.39	113.75 1.12 -1.10	119.79 0.71 -0.99	127.15 1.12 -1.00	136.41 2.00 -1.46	112.95 1.66 -0.67	88.54 1.31 0.00	68.67 0.95 0.00	58.90 0.75 0.00	51.55 0.66 0.00
ONEIDA____115KV_TB4 55905	56.14 1.37 -0.09	54.21 1.21 -0.21	51.41 1.15 -0.41	50.37 1.08 -0.38	49.50 1.10 -0.60	47.69 1.12 -0.12	49.81 1.21 -0.33	51.61 1.31 -0.04	54.06 1.37 -0.09	56.45 1.32 -0.27	61.77 1.39 -0.16	67.11 1.57 0.05	78.24 1.53 -0.06	86.64 2.03 0.02	94.10 2.40 0.64	114.69 2.68 -0.47	120.88 2.36 -0.43	128.31 2.75 -0.53	137.93 3.46 -1.52	113.26 2.99 0.34	88.09 2.27 1.41	68.41 1.49 0.81	58.72 1.16 0.59	51.40 0.92 0.40
ONONDAGA_REF_OCCRA 23987	54.83 -0.27 -0.42	52.98 -0.48 -0.67	50.36 -0.50 -1.01	49.25 -0.59 -0.93	48.62 -0.53 -1.34	46.38 -0.46 -0.39	48.72 -0.39 -0.83	50.26 -0.30 -0.30	52.80 -0.21 -0.41	55.44 -0.16 -0.75	60.61 -0.24 -0.63	65.74 -0.13 -0.29	77.04 -0.31 -0.70	85.30 0.00 -0.67	92.13 0.18 0.39	113.90 0.33 -2.03	120.04 0.12 -1.83	126.77 -0.25 -1.99	136.61 -0.27 -3.93	110.99 0.00 -0.37	85.03 -0.26 1.93	66.14 -0.47 1.11	56.87 -0.47 0.81	49.82 -0.51 0.55
ONONDAGA____COGEN 23986	55.74 -0.16 -1.21	53.91 -0.37 -1.50	51.20 -0.40 -1.75	50.08 -0.44 -1.61	49.42 -0.43 -2.05	47.03 -0.33 -0.89	49.48 -0.29 -1.50	51.03 -0.20 -0.96	53.65 -0.11 -1.14	56.29 -0.05 -1.48	61.70 -0.12 -1.60	66.99 0.00 -1.41	78.93 -0.15 -2.45	87.56 0.17 -2.76	94.63 0.37 -1.92	117.58 0.56 -5.49	123.27 0.24 -4.94	129.77 -0.25 -4.99	140.13 -0.13 -7.31	113.96 0.00 -3.35	87.05 -0.17 0.00	67.32 -0.41 0.00	57.74 -0.41 0.00	50.48 -0.41 0.00
ONTARIO____LFGE 23819	56.95 1.64 -0.62	55.45 1.00 -1.66	52.24 0.90 -1.49	50.70 0.73 -1.06	50.25 1.01 -1.45	48.67 1.16 -1.05	55.90 1.74 -5.90	57.63 2.01 -5.35	65.51 2.11 -10.79	65.27 2.08 -8.32	69.40 2.11 -7.06	74.84 2.63 -6.63	86.74 2.53 -7.58	101.50 3.30 -13.57	106.64 3.97 -10.33	139.84 4.90 -23.40	146.83 4.73 -24.01	161.66 4.49 -32.14	174.78 5.84 -35.99	129.03 5.42 -13.00	94.79 3.49 -4.07	72.11 2.17 -2.22	59.38 1.34 0.10	51.40 0.86 0.35
ORANGEVILLE_WT_PWR 323706	51.21 -2.46 1.01	46.64 -3.27 2.87	45.56 -3.04 1.24	45.67 -2.89 0.35	45.16 -2.63 0.01	41.72 -2.84 1.91	33.03 -2.56 12.68	34.91 -2.31 13.05	24.15 -2.16 26.30	33.54 -2.25 19.06	41.00 -2.65 16.58	46.16 -2.69 16.73	54.23 -3.99 18.42	47.09 -4.06 33.47	59.21 -4.34 28.79	52.59 -5.57 53.37	56.36 -6.73 55.01	43.72 -7.75 73.56	48.77 -7.31 76.87	72.04 -5.09 33.49	64.06 -4.71 18.46	53.86 -3.52 10.34	51.55 -3.37 3.22	46.08 -3.31 1.50
ORANGEVILLE____ESR 323794	51.21 -2.46 1.01	46.64 -3.27 2.87	45.56 -3.04 1.24	45.67 -2.89 0.35	45.16 -2.63 0.01	41.72 -2.84 1.91	33.03 -2.56 12.68	34.91 -2.31 13.05	24.15 -2.16 26.30	33.54 -2.25 19.06	41.00 -2.65 16.58	46.16 -2.69 16.73	54.23 -3.99 18.42	47.09 -4.06 33.47	59.21 -4.34 28.79	52.59 -5.57 53.37	56.36 -6.73 55.01	43.72 -7.75 73.56	48.77 -7.31 76.87	72.04 -5.09 33.49	64.06 -4.71 18.46	53.86 -3.52 10.34	51.55 -3.37 3.22	46.08 -3.31 1.50

OSWEGATCHIE___HYD 24044	55.32 0.27 -0.35	53.70 0.47 -0.44	50.76 0.40 -0.51	49.87 0.49 -0.47	49.02 0.62 -0.60	47.37 0.65 -0.26	49.58 0.87 -0.44	51.35 0.80 -0.28	53.68 0.74 -0.34	55.68 0.39 -0.43	60.75 0.06 -0.47	65.67 -0.33 -0.41	76.36 -1.00 -0.72	83.66 -0.81 -0.56	90.68 -2.22 -1.61	110.14 -3.01 -1.45	115.75 -3.78 -1.45	123.12 -3.37 -1.46	132.83 -2.26 -2.14	110.05 -1.55 -0.98	86.36 -0.87 0.00	67.39 -0.34 0.00	57.85 -0.29 0.00	50.84 -0.05 0.00
OSWEGO___5 23606	62.22 -1.26 -8.79	60.77 -1.37 -9.36	57.18 -1.30 -8.63	55.52 -1.32 -7.93	54.95 -1.29 -8.44	50.87 -1.25 -5.66	54.65 -1.26 -7.64	56.34 -1.25 -7.33	59.55 -1.26 -8.20	61.98 -1.26 -8.38	69.71 -1.38 -10.87	76.32 -1.51 -12.25	93.98 -1.91 -19.26	105.74 -1.86 -22.97	115.13 -1.94 -24.74	147.86 -2.23 -38.55	150.17 -2.60 -34.68	155.63 -3.00 -33.60	168.73 -3.05 -38.83	140.53 -2.43 -32.35	104.93 -2.00 -19.70	77.40 -1.69 -11.36	65.00 -1.40 -8.25	55.22 -1.32 -5.66
OSWEGO___6 23613	62.22 -1.26 -8.79	60.77 -1.37 -9.36	57.18 -1.30 -8.63	55.52 -1.32 -7.93	54.95 -1.29 -8.44	50.87 -1.25 -5.66	54.65 -1.26 -7.64	56.34 -1.25 -7.33	59.55 -1.26 -8.20	61.98 -1.26 -8.38	69.71 -1.38 -10.87	76.32 -1.51 -12.25	93.98 -1.91 -19.26	105.74 -1.86 -22.97	115.13 -1.94 -24.74	147.86 -2.23 -38.55	150.17 -2.60 -34.68	155.63 -3.00 -33.60	168.73 -3.05 -38.83	140.53 -2.43 -32.35	104.93 -2.00 -19.70	77.40 -1.69 -11.36	65.00 -1.40 -8.25	55.22 -1.32 -5.66
OUTOKUMPU-AB___DRP 24206	50.21 -3.23 1.25	47.09 -4.01 1.68	45.42 -3.69 0.74	44.95 -3.52 0.43	44.35 -3.44 0.01	41.61 -3.76 1.09	40.34 -3.67 4.26	42.26 -3.17 4.84	41.06 -2.63 8.92	45.77 -2.69 6.41	50.95 -3.13 6.14	55.71 -3.15 6.72	63.74 -4.98 7.92	65.99 -5.59 13.06	73.13 -6.46 12.74	83.63 -8.37 19.54	88.83 -9.68 19.57	89.26 -11.25 24.52	96.93 -11.70 24.32	85.86 -8.63 16.13	69.68 -6.98 10.57	57.05 -4.67 6.01	50.53 -4.59 3.02	45.02 -4.02 1.85
OXBOW___BTM 323836	50.20 -3.23 1.26	47.10 -4.01 1.67	45.48 -3.64 0.74	45.00 -3.47 0.44	44.40 -3.39 0.01	41.52 -3.86 1.08	39.88 -4.25 4.14	41.72 -3.82 4.73	40.62 -3.31 8.67	45.18 -3.45 6.22	50.31 -3.91 6.00	54.93 -4.07 6.58	62.95 -5.90 7.78	65.17 -6.51 12.95	72.51 -7.30 12.53	83.13 -9.37 19.04	88.19 -10.86 19.04	88.76 -12.50 23.77	96.56 -12.89 23.50	85.62 -9.40 15.59	69.31 -7.41 10.50	56.61 -5.15 5.97	50.40 -4.71 3.04	44.59 -4.43 1.87
OXBOW___ 24026	50.03 -3.39 1.26	46.94 -4.17 1.67	45.27 -3.84 0.74	44.85 -3.62 0.44	44.16 -3.63 0.01	41.29 -4.09 1.08	39.88 -4.25 4.14	41.72 -3.82 4.73	40.62 -3.31 8.67	45.18 -3.46 6.22	50.25 -3.97 6.00	54.93 -4.07 6.58	62.95 -5.90 7.78	65.00 -6.69 12.95	72.23 -7.57 12.53	82.68 -9.82 19.04	87.95 -12.75 19.04	88.51 -12.75 23.77	96.16 -9.96 23.50	85.07 -9.96 15.59	68.62 -8.11 10.50	56.61 -5.15 5.97	50.17 -4.94 3.04	44.79 -4.22 1.87
OXY_CHEM_DSASP 323612	49.64 -3.77 1.27	46.63 -4.49 1.66	44.98 -4.14 0.73	44.60 -3.86 0.44	43.78 -4.02 0.01	40.88 -4.51 1.07	39.28 -4.97 4.02	41.03 -4.62 4.61	39.98 -4.21 8.42	44.49 -4.33 6.04	49.37 -5.00 5.85	53.89 -5.25 6.44	61.87 -7.13 7.64	63.78 -8.04 12.81	70.97 -9.05 12.31	81.41 -11.60 18.53	86.60 -12.99 18.50	87.28 -14.75 23.00	95.00 -15.29 22.66	83.85 -11.73 15.04	67.38 -9.42 10.43	55.90 -5.89 5.93	49.68 -5.41 3.05	44.47 -4.53 1.89
OZONE_PARK_ESR 323760	57.53 2.84 0.00	55.42 2.64 0.00	52.09 2.24 0.00	50.87 1.96 0.00	49.71 1.91 0.00	48.60 2.14 0.00	50.78 2.51 0.00	53.38 3.12 0.00	56.13 3.52 0.00	58.92 4.06 0.00	64.98 4.76 0.00	70.50 4.92 0.00	83.54 6.90 0.00	94.02 9.39 0.00	102.50 10.16 -0.01	126.05 13.50 -1.02	148.93 14.88 -15.96	166.41 16.13 -25.25	151.87 15.95 -2.96	125.67 12.17 -2.89	95.69 8.46 0.00	72.81 5.08 0.00	62.74 4.59 0.00	54.65 3.77 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	49.64 -3.77 1.27	46.63 -4.49 1.66	44.98 -4.14 0.73	44.60 -3.86 0.44	43.78 -4.02 0.01	40.88 -4.51 1.07	39.28 -4.97 4.02	41.03 -4.62 4.61	39.98 -4.21 8.42	44.49 -4.33 6.04	49.37 -5.00 5.85	53.89 -5.25 6.44	61.87 -7.13 7.64	63.78 -8.04 12.81	70.97 -9.05 12.31	81.41 -11.60 18.53	86.60 -12.99 18.50	87.28 -14.75 23.00	95.00 -15.29 22.66	83.85 -11.73 15.04	67.38 -9.42 10.43	55.90 -5.89 5.93	49.68 -5.41 3.05	44.47 -4.53 1.89
PACKARD___115KV_DUPONT_184 80571	49.80 -3.61 1.27	46.79 -4.33 1.66	45.18 -3.94 0.73	44.75 -3.72 0.44	44.06 -3.73 0.01	41.07 -4.32 1.07	39.28 -4.97 4.02	41.03 -4.62 4.61	39.98 -4.21 8.42	44.43 -4.39 6.04	49.37 -5.00 5.85	53.96 -5.18 6.44	61.87 -7.13 7.64	63.95 -7.87 12.81	71.25 -8.77 12.31	81.85 -11.15 18.53	86.83 -12.76 18.50	87.53 -14.50 23.00	95.27 -15.02 22.66	84.51 -11.06 15.04	68.60 -8.20 10.43	55.90 -5.89 5.93	49.92 -5.17 3.05	44.27 -4.73 1.89
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	57.32 2.62 -0.01	55.22 2.43 -0.01	51.90 2.04 -0.01	50.68 1.76 -0.01	49.53 1.72 -0.01	48.41 1.95 0.00	50.45 2.17 -0.01	52.84 2.56 -0.01	55.46 2.84 -0.01	58.21 3.35 -0.01	64.39 4.16 -0.01	69.58 4.00 0.00	82.62 5.98 0.00	93.02 8.38 -0.01	101.29 8.96 0.00	124.48 11.93 -1.01	147.15 13.11 -15.95	164.27 14.00 -25.24	149.88 13.96 -2.97	124.02 10.51 -2.90	94.48 7.24 -0.01	71.93 4.20 -0.01	62.28 4.13 -0.01	54.35 3.46 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	58.52 3.83 -0.01	56.38 3.59 -0.01	52.95 3.09 -0.01	51.76 2.84 -0.01	50.58 2.77 -0.01	49.39 2.93 0.00	51.41 3.14 -0.01	53.89 3.62 -0.01	56.46 3.84 -0.01	59.20 4.33 -0.01	65.53 5.30 -0.01	70.76 5.18 0.00	83.92 7.28 0.00	94.62 9.99 -0.01	102.96 10.62 0.00	126.60 14.05 -1.01	149.39 15.35 -15.95	166.77 16.50 -25.24	152.67 16.75 -2.97	126.35 12.83 -2.90	96.31 9.07 -0.01	73.29 5.55 -0.01	63.44 5.29 -0.01	55.27 4.38 -0.01
PATROON___115KV_TB1 80586	58.52 1.09 -2.74	57.10 1.21 -3.11	53.16 1.10 -2.22	51.82 0.98 -1.93	48.74 0.91 -0.03	47.34 0.88 0.00	49.09 0.82 0.00	50.92 0.65 0.00	52.87 0.26 0.00	55.13 0.27 0.00	60.71 0.48 0.00	66.24 0.66 0.00	77.63 1.00 0.00	86.49 1.86 0.00	94.92 2.59 0.00	115.54 3.35 -0.65	124.09 3.78 -2.22	131.47 4.13 -2.31	139.30 4.52 -1.83	116.28 3.87 -1.79	92.49 2.79 -2.48	69.35 1.63 0.00	59.86 1.45 -0.26	52.16 1.27 0.00
PATTRSNVILLE___SOLAR 323815	60.36 1.86 -3.81	59.06 1.95 -4.32	54.78 1.85 -3.09	53.30 1.71 -2.68	49.51 1.67 -0.04	48.09 1.63 0.00	49.91 1.64 0.00	51.57 1.30 0.00	53.66 1.05 0.00	55.63 0.77 0.00	61.01 0.78 0.00	66.50 0.92 0.00	77.94 1.30 0.00	86.75 2.12 0.00	95.01 2.68 0.00	118.34 4.13 -2.67	131.99 4.84 -9.05	140.46 5.75 -9.67	146.71 6.38 -7.38	123.34 5.53 -7.20	95.03 4.36 -3.44	70.78 3.05 0.00	60.94 2.44 -0.36	52.87 1.98 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	49.30 -4.21 1.17	46.50 -4.59 1.69	44.67 -4.44 0.74	44.05 -4.45 0.41	44.64 -3.15 0.01	42.39 -2.97 1.09	42.00 -1.64 4.63	44.04 -1.06 5.17	42.46 -0.47 9.68	47.57 -0.33 6.96	53.18 -0.48 6.57	58.30 -0.20 7.08	67.22 -1.15 8.26	73.63 -1.27 9.73	79.21 -1.48 11.65	92.87 -2.45 16.21	98.36 -3.78 15.95	101.25 -4.63 19.15	110.41 -4.25 18.28	94.42 -2.77 13.43	74.34 -2.27 10.62	57.56 -4.13 6.03	50.08 -5.17 2.89	44.37 -4.78 1.74

PAWLING_115_KV_BK3_REV_LBMP_H 345028	57.42 2.73 0.00	55.37 2.59 0.00	52.09 2.24 0.00	50.97 2.05 0.00	49.76 1.96 0.00	48.55 2.09 0.00	50.59 2.32 0.00	52.88 2.61 0.00	55.61 3.00 0.00	58.26 3.40 0.00	64.50 4.28 0.00	70.24 4.66 0.00	83.00 6.36 0.00	93.01 8.38 0.00	101.84 9.51 0.00	125.15 12.72 -0.89	143.82 14.76 -10.97	158.11 16.00 -17.08	151.12 15.42 -2.75	125.03 11.73 -2.69	95.51 8.29 0.00	72.60 4.88 0.00	62.21 4.07 0.00	54.14 3.26 0.00
PEEKSKILL____ 23653	56.55 1.86 0.00	54.52 1.74 0.00	51.34 1.49 0.00	50.23 1.32 0.00	49.04 1.24 0.00	47.85 1.39 0.00	49.86 1.59 0.00	52.38 2.11 0.00	54.92 2.31 0.00	57.60 2.74 0.00	63.60 3.37 0.00	69.19 3.60 0.00	81.77 5.14 0.00	91.82 7.19 0.00	100.18 7.84 0.00	123.23 10.71 -0.98	148.67 12.05 -18.53	167.86 13.12 -29.70	148.65 12.76 -2.94	123.10 9.62 -2.87	93.94 6.72 0.00	71.58 3.86 0.00	61.46 3.31 0.00	53.58 2.70 0.00
PGE MADISON__WINDPWR 24146	58.50 3.55 -0.26	56.59 3.22 -0.58	53.56 2.99 -0.72	52.39 2.89 -0.60	51.73 3.06 -0.87	49.93 3.11 -0.35	53.37 3.57 -1.53	55.15 3.72 -1.16	58.80 3.89 -2.30	60.50 3.68 -1.97	65.72 3.85 -1.64	71.29 4.33 -1.38	82.80 4.44 -1.72	93.17 5.67 -2.87	100.44 6.37 -1.74	124.26 7.25 -5.47	130.24 6.61 -5.54	139.45 7.13 -7.30	150.83 8.91 -8.98	120.38 7.19 -2.57	92.39 5.41 0.25	71.14 3.59 0.17	60.18 2.50 0.46	52.50 1.98 0.37
PIERCEFIELD____HYD 23852	54.03 -0.66 0.00	52.52 -0.26 0.00	49.60 -0.25 0.00	48.81 -0.10 0.00	47.80 0.00 0.00	46.51 0.05 0.00	48.22 -0.05 0.00	49.97 -0.30 0.00	52.08 -0.53 0.00	54.04 -0.82 0.00	59.02 -1.20 0.00	63.68 -1.90 0.00	74.03 -2.61 0.00	80.40 -4.23 0.00	86.89 -5.45 0.00	104.62 -6.92 0.00	110.41 -7.68 0.00	117.40 -7.63 0.00	125.90 -7.05 0.00	105.31 -5.31 0.00	83.65 -3.58 0.00	65.90 -1.83 0.00	56.57 -1.57 0.00	50.02 -0.87 0.00
PINELAWN_CC_1 323563	56.88 2.19 0.00	55.10 2.32 0.00	52.64 2.79 0.00	51.50 2.59 0.00	49.95 2.15 0.00	48.27 1.81 0.00	50.39 2.12 0.00	52.98 2.71 0.00	54.98 2.37 0.00	57.21 2.36 0.01	64.22 3.55 -0.44	70.70 5.12 0.00	84.31 7.20 -0.47	100.17 9.64 -5.90	107.87 10.61 -4.92	141.90 14.17 -16.20	184.37 15.83 -50.45	214.28 17.13 -72.12	189.17 17.28 -38.95	144.60 13.16 -20.82	106.88 9.51 -10.14	74.64 5.96 -0.95	61.91 3.61 -0.16	54.51 3.61 -0.01
PJM_GEN_HTP_PROXY 323702	56.88 2.19 0.00	54.79 2.01 0.00	51.54 1.70 0.00	50.38 1.47 0.00	49.19 1.39 0.00	48.09 1.63 0.00	50.20 1.93 0.00	52.83 2.56 0.00	55.50 2.89 0.00	58.26 3.40 0.00	64.32 4.10 0.00	69.72 4.13 0.00	82.69 6.05 0.00	92.93 8.30 0.00	101.02 8.68 -0.01	124.49 11.94 -1.01	147.29 13.22 -15.98	164.68 14.37 -25.28	150.04 14.09 -3.00	123.94 10.39 -2.93	94.46 7.24 0.00	71.86 4.13 0.00	62.04 3.90 0.00	54.09 3.21 0.00
PJM_GEN_KEystone 24065	53.24 -0.93 0.52	50.90 -1.27 0.62	48.28 -1.30 0.27	47.46 -1.27 0.18	46.70 -1.10 0.00	45.04 -1.02 0.40	46.33 -0.63 1.31	48.56 -0.15 1.56	50.00 0.16 2.77	53.32 0.44 1.98	58.91 0.66 1.98	64.14 0.79 2.23	75.02 1.07 2.70	82.62 2.12 4.12	90.35 2.40 4.38	109.00 3.24 5.77	127.40 3.30 -6.01	140.71 3.38 -12.30	130.48 3.33 5.79	109.75 2.55 3.42	84.40 1.05 3.88	65.45 -0.07 2.21	56.58 -0.35 1.22	49.40 -0.71 0.77
PJM_GEN_NEPTUNE_PROXY 323594	56.16 1.48 0.00	54.42 1.64 0.00	51.94 2.09 0.00	50.82 1.91 0.00	49.33 1.53 0.00	47.76 1.30 0.00	49.81 1.54 0.00	52.38 2.11 0.00	54.34 1.73 0.00	56.66 1.81 0.01	63.06 2.83 0.00	69.91 4.33 0.00	82.92 6.29 0.00	99.25 8.72 -5.90	105.63 9.32 -3.97	138.53 12.49 -14.50	175.35 13.81 -43.45	206.70 14.87 -66.80	183.84 15.02 -35.87	140.85 11.50 -18.73	104.01 8.29 -8.49	72.67 4.94 0.00	60.99 2.85 0.00	53.73 2.85 0.00
PJM_GEN_VFT_PROXY 323633	56.65 1.97 0.00	54.58 1.80 0.00	51.30 1.45 0.00	50.13 1.22 0.00	48.95 1.15 0.00	47.85 1.39 0.00	49.96 1.69 0.00	52.63 2.36 0.00	55.29 2.68 0.00	58.10 3.24 0.00	63.96 3.74 0.00	69.25 3.67 0.01	82.07 5.44 0.01	92.33 7.70 0.00	100.37 8.03 -0.01	123.60 11.04 -1.02	146.33 12.28 -15.96	163.78 13.51 -25.25	149.12 13.16 -3.00	123.28 9.74 -2.93	93.85 6.63 0.00	71.44 3.72 0.01	61.92 3.78 0.00	53.94 3.05 0.00
PLATSBURG_115KV_PMLD1 355749	54.91 0.22 0.00	52.94 0.16 0.00	50.00 0.15 0.00	49.20 0.29 0.00	48.13 0.33 0.00	46.83 0.37 0.00	48.70 0.43 0.00	50.72 0.45 0.00	53.03 0.42 0.00	54.75 -0.11 0.00	59.20 -1.02 0.00	64.01 -1.57 0.00	74.72 -1.92 0.00	81.67 -2.96 0.00	88.64 -3.69 0.00	106.74 -4.80 0.00	112.66 -5.43 0.00	119.40 -5.63 0.00	127.37 -5.58 0.00	106.41 -4.20 0.00	83.91 -3.31 0.00	65.63 -2.10 0.00	56.57 -1.57 0.00	50.33 -0.56 0.00
PLEASANTVLY____LBMP 24000	56.33 1.64 0.00	54.37 1.58 0.00	51.24 1.40 0.00	50.13 1.22 0.00	48.95 1.15 0.00	47.71 1.25 0.00	49.72 1.45 0.00	52.03 1.76 0.00	54.55 1.95 0.00	57.11 2.25 0.00	63.00 2.77 0.00	68.53 2.95 0.00	80.93 4.29 0.00	90.81 6.18 0.00	99.35 7.02 0.00	121.84 9.15 -1.16	138.48 10.27 -10.12	151.05 11.13 -14.89	147.25 10.90 -3.40	122.23 8.30 -3.32	93.07 5.84 0.00	70.98 3.25 0.00	60.99 2.85 0.00	53.23 2.34 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	56.76 2.08 0.00	54.74 1.95 0.00	51.54 1.69 0.00	50.38 1.47 0.00	49.19 1.39 0.00	48.04 1.58 0.00	50.10 1.83 0.00	52.53 2.26 0.00	55.08 2.47 0.00	57.77 2.91 0.00	63.72 3.49 0.00	69.32 3.74 0.00	82.00 5.36 0.00	92.16 7.53 0.00	100.83 8.49 0.00	124.04 11.49 -1.01	144.35 12.75 -13.50	159.80 13.75 -21.01	149.64 13.69 -2.99	123.82 10.29 -2.92	94.47 7.24 0.00	71.86 4.13 0.00	61.69 3.55 0.00	53.79 2.90 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	56.76 2.08 0.00	54.74 1.95 0.00	51.54 1.69 0.00	50.38 1.47 0.00	49.19 1.39 0.00	48.04 1.58 0.00	50.10 1.83 0.00	52.53 2.26 0.00	55.08 2.47 0.00	57.77 2.91 0.00	63.72 3.49 0.00	69.32 3.74 0.00	82.00 5.36 0.00	92.16 7.53 0.00	100.83 8.49 0.00	124.04 11.49 -1.01	144.35 12.75 -13.50	159.80 13.75 -21.01	149.64 13.69 -2.99	123.82 10.29 -2.92	94.47 7.24 0.00	71.86 4.13 0.00	61.69 3.55 0.00	53.79 2.90 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	57.83 2.30 -0.85	55.91 2.16 -0.96	52.48 1.94 -0.69	51.27 1.76 -0.60	49.48 1.67 -0.01	48.23 1.77 0.00	50.25 1.98 0.00	52.53 2.26 0.00	55.03 2.42 0.00	57.77 2.91 0.00	63.84 3.61 0.00	69.52 3.93 0.00	82.00 5.36 0.00	91.91 7.28 0.00	100.64 8.31 0.00	122.47 10.15 -0.78	138.56 11.10 -9.37	153.10 12.13 -15.94	148.96 12.50 -3.51	123.67 9.62 -3.43	94.80 6.80 -0.76	71.72 4.00 0.00	61.60 3.37 -0.08	53.63 2.75 0.00
POLETTI____ 23519	56.87 2.19 0.00	54.79 2.01 0.00	51.54 1.69 0.00	50.38 1.47 0.00	49.19 1.39 0.00	48.13 1.67 0.00	50.25 1.98 0.00	52.78 2.51 0.00	55.45 2.84 0.00	58.21 3.35 0.00	64.20 3.97 0.00	69.58 4.00 0.00	82.46 5.82 0.00	92.75 8.12 0.00	100.99 8.68 0.02	124.12 11.60 -0.99	146.91 12.87 -15.95	164.27 14.00 -25.24	149.61 13.69 -2.96	123.79 10.29 -2.89	94.29 7.07 0.00	71.79 4.06 0.00	61.92 3.78 0.00	53.99 3.10 0.00

POMONA___ESR 323819	56.44 1.75 0.00	54.42 1.64 0.00	51.24 1.39 0.00	50.13 1.22 0.00	48.95 1.15 0.00	47.76 1.30 0.00	49.81 1.54 0.00	52.28 2.01 0.00	54.82 2.21 0.00	57.55 2.69 0.00	63.60 3.37 0.00	69.19 3.60 0.00	81.77 5.14 0.00	91.74 7.11 0.00	100.18 7.84 0.00	123.06 10.60 -0.92	157.07 11.58 -27.40	182.69 12.62 -45.04	148.35 12.64 -2.76	122.71 9.40 -2.70	93.85 6.63 0.00	71.45 3.72 0.00	61.34 3.20 0.00	53.48 2.59 0.00
PORT_JEFF_3 23555	56.94 2.24 -0.01	55.21 2.43 0.00	52.84 2.99 0.00	51.60 2.69 0.00	50.00 2.20 0.00	48.13 1.67 0.00	50.06 1.79 0.00	52.63 2.36 0.00	54.61 2.00 0.00	56.77 1.92 0.01	64.26 3.07 -0.97	70.38 4.78 -0.01	87.93 6.66 -4.63	99.58 9.06 -5.89	120.92 9.88 -18.70	164.87 13.27 -40.06	331.01 14.64 -198.28	299.37 15.75 -158.59	235.30 15.95 -86.41	178.74 12.17 -55.96	145.28 8.72 -49.34	95.34 5.35 -22.26	65.66 3.31 -4.20	54.86 3.67 -0.31
PORT_JEFF_4 23616	56.94 2.24 -0.01	55.21 2.43 0.00	52.84 2.99 0.00	51.60 2.69 0.00	50.00 2.20 0.00	48.13 1.67 0.00	50.06 1.79 0.00	52.63 2.36 0.00	54.61 2.00 0.00	56.77 1.92 0.01	64.26 3.07 -0.97	70.38 4.78 -0.01	87.93 6.66 -4.63	99.58 9.06 -5.89	120.92 9.88 -18.70	164.87 13.27 -40.06	331.01 14.64 -198.28	299.37 15.75 -158.59	235.30 15.95 -86.41	178.74 12.17 -55.96	145.28 8.72 -49.34	95.34 5.35 -22.26	65.66 3.31 -4.20	54.86 3.67 -0.31
PORT_JEFF_IC 23713	57.32 2.62 -0.01	55.58 2.80 0.00	53.14 3.29 0.00	51.70 2.79 0.00	50.14 2.34 0.00	48.27 1.81 0.00	50.30 2.03 0.00	52.83 2.56 0.00	54.92 2.31 0.00	56.99 2.14 0.01	64.38 3.31 -0.85	70.71 5.12 -0.01	88.15 6.59 -4.92	99.66 9.14 -5.89	122.98 10.25 -20.39	167.97 13.50 -42.94	353.37 14.88 -220.40	311.05 16.00 -170.02	241.48 16.09 -92.45	183.65 12.39 -60.64	151.58 8.90 -55.46	98.67 5.42 -25.53	66.48 3.49 -4.84	55.88 4.63 -0.36
PPL PILGRIM_ST_GT1 24216	57.04 2.35 0.00	55.32 2.53 0.00	52.99 3.14 0.00	51.85 2.93 0.00	50.19 2.39 0.00	48.46 2.00 0.00	50.54 2.27 0.00	53.18 2.91 0.00	55.08 2.47 0.00	57.21 2.36 0.01	66.64 3.61 -2.80	70.63 5.05 0.00	86.42 7.13 -2.65	99.91 9.39 -5.89	111.95 10.34 -9.28	149.42 13.94 -23.94	214.90 15.47 -81.35	237.83 16.63 -96.17	202.63 16.75 -52.93	153.72 12.83 -30.28	113.70 9.16 -17.32	78.72 5.89 -5.10	62.50 3.49 -0.87	54.71 3.77 -0.06
PPL PILGRIM_ST_GT2 24217	57.04 2.35 0.00	55.32 2.53 0.00	52.99 3.14 0.00	51.85 2.93 0.00	50.19 2.39 0.00	48.46 2.00 0.00	50.54 2.27 0.00	53.18 2.91 0.00	55.08 2.47 0.00	57.21 2.36 0.01	66.64 3.61 -2.80	70.63 5.05 0.00	86.42 7.13 -2.65	99.91 9.39 -5.89	111.95 10.34 -9.28	149.42 13.94 -23.94	214.90 15.47 -81.35	237.83 16.63 -96.17	202.63 16.75 -52.93	153.72 12.83 -30.28	113.70 9.16 -17.32	78.72 5.89 -5.10	62.50 3.49 -0.87	54.71 3.77 -0.06
PPL_SHRM_GT3 24213	57.59 2.90 -0.01	55.74 2.95 0.00	53.29 3.44 0.00	51.85 2.93 0.00	50.19 2.39 0.00	48.13 1.67 0.00	50.15 1.88 0.00	53.03 2.76 0.00	55.08 2.47 0.00	57.32 2.47 0.01	64.80 3.61 -0.96	71.03 5.44 -0.01	88.97 7.66 -4.67	100.67 10.15 -5.89	122.34 11.08 -18.93	166.38 14.39 -40.45	335.01 15.59 -201.34	301.81 16.63 -160.15	237.46 17.28 -87.24	181.27 14.05 -56.60	147.88 10.46 -50.19	97.35 6.91 -22.71	66.74 4.30 -4.29	55.48 4.27 -0.32
PPL_SHRM_GT4 24214	57.59 2.90 -0.01	55.74 2.95 0.00	53.29 3.44 0.00	51.85 2.93 0.00	50.19 2.39 0.00	48.13 1.67 0.00	50.15 1.88 0.00	53.03 2.76 0.00	55.08 2.47 0.00	57.32 2.47 0.01	64.80 3.61 -0.96	71.03 5.44 -0.01	88.97 7.66 -4.67	100.67 10.15 -5.89	122.34 11.08 -18.93	166.38 14.39 -40.45	335.01 15.59 -201.34	301.81 16.63 -160.15	237.46 17.28 -87.24	181.27 14.05 -56.60	147.88 10.46 -50.19	97.35 6.91 -22.71	66.74 4.30 -4.29	55.48 4.27 -0.32
PROJECT___ORANGE 1 24174	54.32 -0.49 -0.13	52.47 -0.69 -0.37	49.91 -0.70 -0.75	48.87 -0.73 -0.69	48.20 -0.72 -1.11	46.02 -0.65 -0.21	48.30 -0.58 -0.61	49.81 -0.50 -0.05	52.32 -0.42 -0.14	55.02 -0.33 -0.49	60.08 -0.42 -0.27	65.12 -0.33 0.13	76.15 -0.54 -0.05	84.17 -0.34 0.12	90.85 -0.18 1.29	112.18 -0.11 -0.76	118.30 -0.47 -0.69	125.05 -0.88 -0.89	134.77 -0.93 -2.75	109.08 -0.77 0.76	83.70 -0.79 2.74	65.33 -0.81 1.58	56.30 -0.70 1.15	49.44 -0.66 0.79
PROJECT___ORANGE 2 24166	54.32 -0.49 -0.13	52.47 -0.69 -0.37	49.91 -0.70 -0.75	48.87 -0.73 -0.69	48.20 -0.72 -1.11	46.02 -0.65 -0.21	48.30 -0.58 -0.61	49.81 -0.50 -0.05	52.32 -0.42 -0.14	55.02 -0.33 -0.49	60.08 -0.42 -0.27	65.12 -0.33 0.13	76.15 -0.54 -0.05	84.17 -0.34 0.12	90.85 -0.18 1.29	112.18 -0.11 -0.76	118.30 -0.47 -0.69	125.05 -0.88 -0.89	134.77 -0.93 -2.75	109.08 -0.77 0.76	83.70 -0.79 2.74	65.33 -0.81 1.58	56.30 -0.70 1.15	49.44 -0.66 0.79
PUCKETT___SOLAR 323809	55.69 0.82 -0.18	53.75 0.53 -0.44	50.96 0.50 -0.62	49.92 0.49 -0.52	49.21 0.62 -0.79	47.42 0.70 -0.26	50.44 1.06 -1.11	52.13 1.10 -0.75	55.34 1.21 -1.52	57.39 1.15 -1.38	62.54 1.20 -1.11	67.81 1.38 -0.85	79.18 1.45 -1.09	88.62 2.20 -1.79	95.83 2.68 -0.82	118.50 3.24 -3.73	124.93 3.07 -3.77	133.04 3.00 -5.02	143.33 3.86 -6.53	115.38 3.32 -1.45	88.42 2.01 0.82	68.32 1.08 0.49	58.15 0.58 0.58	50.71 0.26 0.43
PYRITES___HYD 24023	55.07 0.38 0.00	53.42 0.63 0.00	50.45 0.60 0.00	49.69 0.78 0.00	48.66 0.86 0.00	47.34 0.88 0.00	49.04 0.77 0.00	50.72 0.45 0.00	52.71 0.11 0.00	54.53 -0.33 0.00	59.50 -0.72 0.00	64.34 -1.25 0.00	74.88 -1.76 0.00	81.33 -3.30 0.00	87.99 -4.34 0.00	105.96 -5.58 0.00	111.95 -6.14 0.00	119.28 -5.75 0.00	128.43 -4.52 0.00	107.63 -2.99 0.00	85.48 -1.74 0.00	67.32 -0.41 0.00	57.62 -0.52 0.00	50.84 -0.05 0.00
QUAKERRD_115KV_BK1 80622	51.16 -2.13 1.39	48.89 -2.59 1.30	46.83 -2.44 0.58	46.08 -2.35 0.48	45.21 -2.58 0.01	43.04 -2.60 0.82	44.01 -2.90 1.36	45.51 -2.71 2.04	47.17 -2.47 2.96	50.39 -2.41 2.06	54.92 -2.71 2.59	59.54 -2.69 3.36	68.39 -3.83 4.42	74.29 -4.06 6.28	79.99 -4.52 7.82	96.75 -5.47 9.32	103.19 -6.02 8.88	108.00 -7.25 9.78	116.81 -7.58 8.56	96.01 -5.86 8.75	74.21 -4.97 8.05	59.79 -3.32 4.62	52.39 -2.67 3.08	46.23 -2.60 2.06
QUENSBRY_115KV_TB8 356137	62.98 2.35 -5.94	62.05 2.53 -6.73	57.10 2.44 -4.81	55.29 2.20 -4.18	49.96 2.10 -0.06	48.60 2.14 0.00	50.54 2.27 0.00	52.38 2.11 0.00	54.40 1.79 0.00	56.50 1.65 0.00	62.33 2.11 0.00	68.40 2.82 0.00	80.16 3.53 0.00	89.62 4.99 0.00	98.43 6.09 0.00	124.12 8.03 -4.55	142.03 8.50 -15.44	150.67 9.13 -16.52	155.69 9.31 -13.44	131.25 7.52 -13.12	99.14 6.54 -5.37	72.47 4.74 0.00	62.66 3.95 -0.56	53.79 2.90 0.00
RAMAPO___LBMP 323565	56.27 1.59 0.00	54.26 1.48 0.00	51.09 1.25 0.00	49.99 1.08 0.00	48.80 1.00 0.00	47.67 1.21 0.00	49.72 1.45 0.00	52.08 1.81 0.00	54.66 2.05 0.00	57.33 2.47 0.00	63.30 3.07 0.00	68.86 3.28 0.00	81.31 4.67 0.00	91.31 6.69 0.00	99.91 7.57 0.00	122.37 9.93 -0.90	153.09 10.98 -24.02	176.32 12.00 -39.29	147.45 11.83 -2.67	122.18 8.96 -2.61	93.42 6.19 0.00	71.18 3.45 0.00	61.11 2.97 0.00	53.23 2.34 0.00

RANKINE____ 23646	50.16 -3.34 1.19	47.00 -4.01 1.77	45.28 -3.79 0.78	44.83 -3.67 0.41	44.59 -3.20 0.01	42.01 -3.30 1.15	40.40 -2.85 5.02	42.34 -2.36 5.57	40.28 -1.84 10.48	45.50 -1.81 7.55	51.05 -2.11 7.07	55.97 -2.03 7.58	64.54 -3.30 8.80	67.19 -3.64 13.80	74.66 -4.16 13.51	85.00 -5.69 20.85	90.34 -6.85 20.90	90.65 -8.13 26.25	98.75 -8.11 26.09	89.53 -5.75 15.33	71.38 -4.71 11.13	57.07 -4.33 6.32	50.76 -4.42 2.96	45.15 -3.97 1.76
RAVENSWOOD_GT2_1 24244	56.87 2.19 0.00	54.79 2.01 0.00	51.54 1.69 0.00	50.38 1.47 0.00	49.19 1.39 0.00	48.13 1.67 0.00	50.25 1.98 0.00	52.78 2.51 0.00	55.45 2.84 0.00	58.21 3.35 0.00	64.20 3.97 0.00	69.58 4.00 0.00	82.46 5.82 0.00	92.75 8.12 0.00	101.01 8.68 0.01	124.14 11.60 -1.00	146.91 12.87 -15.95	164.26 14.00 -25.23	149.61 13.69 -2.96	123.79 10.29 -2.89	94.29 7.07 0.00	71.79 4.06 0.00	61.92 3.78 0.00	53.99 3.10 0.00
RAVENSWOOD_GT2_2 24245	56.87 2.19 0.00	54.79 2.01 0.00	51.54 1.69 0.00	50.38 1.47 0.00	49.19 1.39 0.00	48.13 1.67 0.00	50.25 1.98 0.00	52.78 2.51 0.00	55.45 2.84 0.00	58.21 3.35 0.00	64.20 3.97 0.00	69.58 4.00 0.00	82.46 5.82 0.00	92.75 8.12 0.00	101.01 8.68 0.01	124.14 11.60 -1.00	146.91 12.87 -15.95	164.26 14.00 -25.23	149.61 13.69 -2.96	123.79 10.29 -2.89	94.29 7.07 0.00	71.79 4.06 0.00	61.92 3.78 0.00	53.99 3.10 0.00
RAVENSWOOD_GT2_3 24246	56.93 2.24 0.00	54.84 2.06 0.00	51.59 1.74 0.00	50.38 1.47 0.00	49.23 1.43 0.00	48.18 1.72 0.00	50.30 2.03 0.00	52.78 2.51 0.00	55.50 2.89 0.00	58.26 3.40 0.00	64.20 3.97 0.00	69.65 4.07 0.00	82.46 5.82 0.00	92.84 8.21 0.00	101.10 8.77 0.01	124.25 11.71 -1.00	147.03 12.99 -15.95	164.39 14.13 -25.23	149.74 13.83 -2.96	123.90 10.40 -2.89	94.38 7.15 0.00	71.86 4.13 0.00	61.98 3.84 0.00	54.04 3.15 0.00
RAVENSWOOD_GT2_4 24247	56.93 2.24 0.00	54.84 2.06 0.00	51.59 1.74 0.00	50.38 1.47 0.00	49.23 1.43 0.00	48.18 1.72 0.00	50.30 2.03 0.00	52.78 2.51 0.00	55.50 2.89 0.00	58.26 3.40 0.00	64.20 3.97 0.00	69.65 4.07 0.00	82.46 5.82 0.00	92.84 8.21 0.00	101.10 8.77 0.01	124.25 11.71 -1.00	147.03 12.99 -15.95	164.39 14.13 -25.23	149.74 13.83 -2.96	123.90 10.40 -2.89	94.38 7.15 0.00	71.86 4.13 0.00	61.98 3.84 0.00	54.04 3.15 0.00
RAVENSWOOD_GT3_1 24248	56.87 2.19 0.00	54.84 2.06 0.00	51.54 1.69 0.00	50.38 1.47 0.00	49.23 1.43 0.00	48.13 1.67 0.00	50.25 1.98 0.00	52.78 2.51 0.00	55.45 2.84 0.00	58.21 3.35 0.00	64.20 3.97 0.00	69.58 4.00 0.00	82.46 5.82 0.00	92.75 8.12 0.00	101.01 8.68 0.01	124.14 11.60 -1.00	146.91 12.87 -15.95	164.26 14.00 -25.23	149.74 13.83 -2.96	123.79 10.29 -2.89	94.29 7.07 0.00	71.79 4.06 0.00	61.92 3.78 0.00	53.99 3.10 0.00
RAVENSWOOD_GT3_2 24249	56.87 2.19 0.00	54.84 2.06 0.00	51.54 1.69 0.00	50.38 1.47 0.00	49.23 1.43 0.00	48.13 1.67 0.00	50.25 1.98 0.00	52.78 2.51 0.00	55.45 2.84 0.00	58.21 3.35 0.00	64.20 3.97 0.00	69.58 4.00 0.00	82.46 5.82 0.00	92.75 8.12 0.00	101.01 8.68 0.01	124.14 11.60 -1.00	146.91 12.87 -15.95	164.26 14.00 -25.23	149.74 13.83 -2.96	123.79 10.29 -2.89	94.29 7.07 0.00	71.79 4.06 0.00	61.92 3.78 0.00	53.99 3.10 0.00
RAVENSWOOD_GT3_3 24250	56.98 2.30 0.00	54.89 2.11 0.00	51.64 1.79 0.00	50.43 1.52 0.00	49.28 1.48 0.00	48.23 1.77 0.00	50.34 2.08 0.00	52.88 2.61 0.00	55.55 2.95 0.00	58.32 3.46 0.00	64.32 4.10 0.00	69.71 4.13 0.00	82.62 5.98 0.00	92.92 8.29 0.00	101.29 8.96 0.01	124.47 11.93 -1.00	147.26 13.23 -15.95	164.51 14.25 -25.23	150.00 14.09 -2.96	124.02 10.51 -2.89	94.55 7.33 0.00	71.92 4.20 0.00	62.04 3.90 0.00	54.09 3.21 0.00
RAVENSWOOD_GT3_4 24251	56.98 2.30 0.00	54.89 2.11 0.00	51.64 1.79 0.00	50.43 1.52 0.00	49.28 1.48 0.00	48.23 1.77 0.00	50.34 2.08 0.00	52.88 2.61 0.00	55.55 2.95 0.00	58.32 3.46 0.00	64.32 4.10 0.00	69.71 4.13 0.00	82.62 5.98 0.00	92.92 8.29 0.00	101.29 8.96 0.01	124.47 11.93 -1.00	147.26 13.23 -15.95	164.51 14.25 -25.23	150.00 14.09 -2.96	124.02 10.51 -2.89	94.55 7.33 0.00	71.92 4.20 0.00	62.04 3.90 0.00	54.09 3.21 0.00
RAVENSWOOD_GT_1 23729	57.15 2.46 0.00	55.06 2.27 -0.01	51.74 1.89 0.00	50.58 1.66 0.00	49.43 1.63 0.00	48.37 1.90 0.00	50.50 2.22 -0.01	53.04 2.76 -0.01	55.72 3.10 -0.01	58.49 3.62 -0.01	64.51 4.28 -0.01	69.65 4.07 0.00	82.62 5.98 0.00	93.01 8.38 0.00	101.19 8.86 0.01	124.33 11.82 -0.98	134.56 12.99 -3.48	164.38 14.13 -25.23	149.87 13.96 -2.96	123.90 10.40 -2.89	94.38 7.15 0.00	71.86 4.13 0.00	62.21 4.07 0.00	54.25 3.36 -0.01
RAVENSWOOD_GT_10 24258	56.87 2.19 0.00	54.79 2.01 0.00	51.54 1.69 0.00	50.38 1.47 0.00	49.19 1.39 0.00	48.13 1.67 0.00	50.25 1.98 0.00	52.78 2.51 0.00	55.45 2.84 0.00	58.20 3.35 0.00	64.20 3.97 0.00	69.58 4.00 0.00	82.46 5.82 0.00	92.75 8.12 0.00	101.01 8.68 0.01	124.14 11.60 -1.00	147.03 12.99 -15.95	164.26 14.00 -25.23	149.74 13.83 -2.96	123.79 10.29 -2.89	94.29 7.07 0.00	71.79 4.06 0.00	61.92 3.78 0.00	53.99 3.10 0.00
RAVENSWOOD_GT_11 24259	56.87 2.19 0.00	54.79 2.01 0.00	51.54 1.69 0.00	50.38 1.47 0.00	49.19 1.39 0.00	48.13 1.67 0.00	50.25 1.98 0.00	52.78 2.51 0.00	55.45 2.84 0.00	58.20 3.35 0.00	64.20 3.97 0.00	69.58 4.00 0.00	82.46 5.82 0.00	92.75 8.12 0.00	101.01 8.68 0.01	124.14 11.60 -1.00	147.03 12.99 -15.95	164.26 14.00 -25.23	149.74 13.83 -2.96	123.79 10.29 -2.89	94.29 7.07 0.00	71.79 4.06 0.00	61.92 3.78 0.00	53.99 3.10 0.00
RAVENSWOOD_GT_4 24252	56.93 2.24 0.00	54.90 2.11 -0.01	51.59 1.74 0.00	50.43 1.52 0.00	49.28 1.48 0.00	48.18 1.72 0.00	50.35 2.08 -0.01	52.84 2.56 -0.01	55.51 2.89 -0.01	58.27 3.40 -0.01	64.27 4.04 -0.01	69.58 4.00 0.00	82.46 5.82 0.00	92.75 8.12 0.00	101.02 8.68 0.00	124.16 11.60 -1.03	160.11 12.87 -29.15	164.26 14.00 -25.23	149.61 13.69 -2.96	123.80 10.29 -2.89	94.29 7.07 0.00	71.79 4.06 0.00	61.98 3.84 0.00	54.05 3.15 -0.01
RAVENSWOOD_GT_5 24254	56.93 2.24 0.00	54.90 2.11 -0.01	51.59 1.74 0.00	50.43 1.52 0.00	49.28 1.48 0.00	48.18 1.72 0.00	50.35 2.08 -0.01	52.84 2.56 -0.01	55.51 2.89 -0.01	58.27 3.40 -0.01	64.27 4.04 -0.01	69.58 4.00 0.00	82.46 5.82 0.00	92.75 8.12 0.00	101.02 8.68 0.00	124.16 11.60 -1.03	160.11 12.87 -29.15	164.26 14.00 -25.23	149.61 13.69 -2.96	123.80 10.29 -2.89	94.29 7.07 0.00	71.79 4.06 0.00	61.98 3.84 0.00	54.05 3.15 -0.01
RAVENSWOOD_GT_6 24253	56.93 2.24 0.00	54.90 2.11 -0.01	51.59 1.74 0.00	50.43 1.52 0.00	49.28 1.48 0.00	48.18 1.72 0.00	50.35 2.08 -0.01	52.84 2.56 -0.01	55.51 2.89 -0.01	58.27 3.40 -0.01	64.27 4.04 -0.01	69.58 4.00 0.00	82.46 5.82 0.00	92.75 8.12 0.00	101.02 8.68 0.00	124.16 11.60 -1.03	160.11 12.87 -29.15	164.26 14.00 -25.23	149.61 13.69 -2.96	123.80 10.29 -2.89	94.29 7.07 0.00	71.79 4.06 0.00	61.98 3.84 0.00	54.05 3.15 -0.01

RAVENSWOOD_GT_7 24255	56.93 2.24 0.00	54.90 2.11 -0.01	51.59 1.74 0.00	50.43 1.52 0.00	49.28 1.48 0.00	48.18 1.72 0.00	50.35 2.08 -0.01	52.84 2.56 -0.01	55.51 2.89 -0.01	58.27 3.40 -0.01	64.27 4.04 -0.01	69.58 4.00 0.00	82.46 5.82 0.00	92.75 8.12 0.00	101.02 8.68 0.00	124.16 11.60 -1.03	160.11 12.87 -29.15	164.26 14.00 -25.23	149.61 13.69 -2.96	123.80 10.29 -2.89	94.29 7.07 0.00	71.79 4.06 0.00	61.98 3.84 0.00	54.05 3.15 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	56.87 2.19 0.00	54.79 2.01 0.00	51.54 1.69 0.00	50.38 1.47 0.00	49.19 1.39 0.00	48.13 1.67 0.00	50.25 1.98 0.00	52.78 2.51 0.00	55.45 2.84 0.00	58.20 3.35 0.00	64.20 3.97 0.00	69.58 4.00 0.00	82.46 5.82 0.00	92.75 8.12 0.00	101.01 8.68 0.01	124.14 11.60 -1.00	147.03 12.99 -15.95	164.26 14.00 -25.23	149.74 13.83 -2.96	123.79 10.29 -2.89	94.29 7.07 0.00	71.79 4.06 0.00	61.92 3.78 0.00	53.99 3.10 0.00
RAVENSWOOD_GT_9 24257	56.87 2.19 0.00	54.79 2.01 0.00	51.54 1.69 0.00	50.38 1.47 0.00	49.19 1.39 0.00	48.13 1.67 0.00	50.25 1.98 0.00	52.78 2.51 0.00	55.45 2.84 0.00	58.20 3.35 0.00	64.20 3.97 0.00	69.58 4.00 0.00	82.46 5.82 0.00	92.75 8.12 0.00	101.01 8.68 0.01	124.14 11.60 -1.00	147.03 12.99 -15.95	164.26 14.00 -25.23	149.74 13.83 -2.96	123.79 10.29 -2.89	94.29 7.07 0.00	71.79 4.06 0.00	61.92 3.78 0.00	53.99 3.10 0.00
RAVENSWOOD___1 23533	57.09 2.40 0.00	55.01 2.22 -0.01	51.69 1.85 0.00	50.52 1.61 0.00	49.38 1.58 0.00	48.27 1.81 0.00	50.40 2.12 -0.01	53.04 2.76 -0.01	55.67 3.05 -0.01	58.43 3.56 -0.01	64.45 4.21 -0.01	69.65 4.07 0.00	82.62 5.98 0.00	92.84 8.21 0.00	100.82 8.49 0.01	124.24 11.71 -1.00	146.91 12.87 -15.95	164.26 14.00 -25.23	149.78 13.83 -3.00	123.72 10.17 -2.93	94.29 7.06 0.00	71.79 4.06 0.00	62.27 4.13 0.00	54.30 3.41 -0.01
RAVENSWOOD___2 23534	56.93 2.24 0.00	54.91 2.11 -0.01	51.59 1.74 0.00	50.43 1.52 0.00	49.28 1.48 0.00	48.18 1.72 0.00	50.30 2.03 -0.01	52.94 2.66 -0.01	55.56 2.94 -0.01	58.33 3.46 -0.01	64.33 4.10 -0.01	69.19 3.60 0.00	82.08 5.44 0.00	92.33 7.70 0.00	100.09 7.76 0.01	123.25 10.71 -1.00	145.96 11.92 -15.95	163.26 13.00 -25.23	148.72 12.76 -3.00	122.84 9.29 -2.93	93.77 6.55 0.00	71.38 3.65 0.00	62.10 3.96 0.00	54.20 3.31 -0.01
RAVENSWOOD___3 23535	56.82 2.13 0.00	54.79 2.01 0.00	51.49 1.64 0.00	50.33 1.42 0.00	49.19 1.39 0.00	48.09 1.63 0.00	50.15 1.88 0.00	52.83 2.56 0.00	55.45 2.84 0.00	58.21 3.35 0.00	64.20 3.97 0.00	69.58 4.00 0.00	82.46 5.82 0.00	92.67 8.04 0.00	100.73 8.40 0.01	124.14 11.60 -1.00	146.91 12.87 -15.95	164.26 14.00 -25.23	149.65 13.70 -3.00	123.72 10.17 -2.93	94.29 7.06 0.00	71.79 4.06 0.00	62.04 3.90 0.00	54.09 3.21 0.00
RAVENSWOOD___4 23820	57.04 2.35 0.00	54.96 2.16 -0.01	51.64 1.79 0.00	50.47 1.56 0.00	49.33 1.53 0.00	48.22 1.77 0.00	50.35 2.07 -0.01	52.99 2.71 -0.01	55.66 3.05 -0.01	58.43 3.56 -0.01	64.45 4.21 -0.01	69.58 4.00 0.00	82.54 5.90 0.00	92.84 8.21 0.00	100.82 8.49 0.00	124.16 11.60 -1.02	158.20 12.76 -27.35	164.26 14.00 -25.23	149.78 13.83 -3.00	123.72 10.17 -2.93	94.29 7.06 0.00	71.79 4.06 0.00	62.21 4.07 0.00	54.30 3.41 -0.01
RCPL_TRUST___DRP 24196	56.98 2.30 0.00	54.95 2.16 0.00	51.64 1.79 0.00	50.48 1.57 0.00	49.28 1.48 0.00	48.23 1.77 0.00	50.39 2.12 0.00	52.93 2.66 0.00	55.66 3.05 0.00	58.43 3.57 0.00	64.44 4.22 0.00	69.91 4.33 0.00	82.85 6.21 0.00	93.26 8.63 0.00	101.67 9.33 -0.01	124.93 12.38 -1.01	147.77 13.70 -15.98	165.06 14.75 -25.28	150.40 14.49 -2.96	124.35 10.84 -2.89	94.73 7.50 0.00	72.06 4.33 0.00	62.10 3.95 0.00	54.09 3.21 0.00
RED___ROCHESTER 323720	52.64 -0.65 1.39	50.32 -1.16 1.30	48.12 -1.14 0.58	47.25 -1.17 0.48	46.45 -1.34 0.01	44.20 -1.44 0.82	45.05 -1.88 1.34	46.74 -1.51 2.02	48.59 -1.11 2.91	51.96 -0.88 2.02	56.58 -1.08 2.56	61.40 -0.85 3.33	70.26 -1.99 4.39	76.52 -1.94 6.16	82.27 -2.30 7.76	99.79 -2.56 9.19	106.16 -3.18 8.74	110.95 -4.50 9.58	120.08 -4.52 8.35	98.98 -2.88 8.76	76.40 -2.79 8.03	61.49 -1.63 4.61	54.02 -1.04 3.07	47.24 -1.58 2.06
REGAN___SOLAR 323812	61.82 3.55 -3.58	60.48 3.64 -4.05	56.14 3.39 -2.90	54.60 3.18 -2.52	50.94 3.11 -0.04	49.62 3.16 0.00	51.36 3.09 0.00	52.63 2.36 0.00	54.24 1.63 0.00	55.90 1.04 0.00	61.07 0.84 0.00	66.63 1.05 0.00	78.02 1.38 0.00	86.92 2.29 0.00	95.47 3.14 0.00	119.30 5.24 -2.52	133.46 6.85 -8.53	142.76 8.62 -9.11	150.66 10.76 -6.95	127.14 9.74 -6.79	98.14 7.68 -3.23	73.42 5.69 0.00	62.96 4.48 -0.34	54.45 3.56 0.00
RENSSELAER___COGEN 23796	36.01 0.60 19.28	31.68 0.74 21.84	34.89 0.65 15.61	35.90 0.54 13.55	48.04 0.43 0.19	46.88 0.42 0.00	48.61 0.34 0.00	50.42 0.15 0.00	52.55 -0.05 0.00	54.75 -0.11 0.00	60.29 0.06 0.00	65.71 0.13 0.00	77.02 0.39 0.00	85.73 1.10 0.00	93.90 1.57 0.00	93.47 2.11 20.18	52.37 2.72 68.44	54.42 3.00 73.61	77.71 2.92 58.16	56.39 2.55 56.77	71.73 1.92 17.41	68.60 0.88 0.00	57.08 0.75 1.82	51.85 0.96 0.00
REPUBLIC_115KV_BARTNBRK 55605	67.50 6.40 -6.41	66.60 6.55 -7.27	61.17 6.13 -5.19	59.10 5.67 -4.51	53.31 5.45 -0.06	52.04 5.58 0.00	54.06 5.79 0.00	55.65 5.38 0.00	57.34 4.73 0.00	59.30 4.44 0.00	65.40 5.18 0.00	72.08 6.49 0.00	84.45 7.82 0.00	94.78 10.16 0.00	104.15 11.82 0.00	131.61 15.17 -4.91	149.61 14.88 -16.64	158.96 16.13 -17.80	163.95 17.28 -13.72	138.61 14.60 -13.39	105.23 12.21 -5.79	77.00 9.28 0.00	66.13 7.38 -0.61	56.43 5.55 0.00
REVERE_CPPR_DRP 24186	56.65 1.86 -0.11	54.74 1.74 -0.22	51.83 1.60 -0.39	50.83 1.57 -0.36	49.97 1.63 -0.55	48.16 1.58 -0.12	50.27 1.69 -0.31	52.09 1.76 -0.06	54.66 1.95 -0.11	56.88 1.76 -0.27	62.27 1.87 -0.18	67.62 2.03 -0.01	78.68 1.92 -0.13	87.15 2.45 -0.07	94.74 2.86 0.45	115.21 3.12 -0.55	121.30 2.72 -0.50	128.86 3.25 -0.58	138.66 4.25 -1.45	113.98 3.54 0.17	88.89 2.79 1.13	69.04 1.96 0.65	59.18 1.51 0.47	51.78 1.22 0.33
REYNLDDPA_13_KV_LD 356490	54.25 -0.44 0.00	52.36 -0.42 0.00	49.65 -0.20 0.00	49.11 0.20 0.00	48.04 0.24 0.00	46.74 0.28 0.00	48.37 0.10 0.00	50.07 -0.20 0.00	52.18 -0.42 0.00	54.26 -0.60 0.00	59.38 -0.84 0.00	64.53 -1.05 0.00	75.41 -1.23 0.00	82.35 -2.28 0.00	89.57 -2.77 0.00	107.74 -3.79 0.00	113.84 -4.25 0.00	120.78 -4.25 0.00	128.96 -3.98 0.00	107.63 -2.98 0.00	85.22 -2.00 0.00	66.84 -0.88 0.00	56.98 -1.16 0.00	50.17 -0.71 0.00
REYNOLDS_115KV_TB3 80639	71.60 1.20 -15.71	71.90 1.32 -17.80	63.76 1.20 -12.72	61.08 1.12 -11.05	49.01 1.05 -0.15	47.39 0.93 0.00	49.19 0.92 0.00	51.02 0.75 0.00	53.19 0.58 0.00	55.46 0.60 0.00	61.01 0.78 0.00	66.57 0.98 0.00	77.94 1.30 0.00	86.83 2.20 0.00	95.29 2.95 0.00	128.06 3.68 -12.85	165.79 4.13 -43.57	176.26 4.50 -46.73	174.71 4.65 -37.11	150.82 3.98 -36.22	104.38 2.97 -14.19	69.42 1.69 0.00	61.25 1.63 -1.48	52.31 1.42 0.00

RIVERBAY____ 323610	58.52 3.83 -0.01	56.38 3.59 -0.01	52.95 3.09 -0.01	51.76 2.84 -0.01	50.58 2.77 -0.01	49.39 2.93 0.00	51.41 3.14 -0.01	53.89 3.62 -0.01	56.46 3.84 -0.01	59.20 4.33 -0.01	65.53 5.30 -0.01	70.76 5.18 0.00	83.92 7.28 0.00	94.62 9.99 -0.01	102.96 10.62 0.00	126.60 14.05 -1.01	149.39 15.35 -15.95	166.77 16.50 -25.24	152.67 16.75 -2.97	126.35 12.83 -2.90	96.31 9.07 -0.01	73.29 5.55 -0.01	63.44 5.29 -0.01	55.27 4.38 -0.01
RIVERSIDE_115KV_TB3 55908	63.22 1.04 -7.49	62.43 1.16 -8.49	56.96 1.05 -6.07	55.11 0.93 -5.27	48.73 0.86 -0.07	47.25 0.79 0.00	49.04 0.77 0.00	50.87 0.60 0.00	52.98 0.37 0.00	55.24 0.38 0.00	60.83 0.60 0.00	66.30 0.72 0.00	77.79 1.15 0.00	86.58 1.95 0.00	95.01 2.68 0.00	120.07 3.35 -5.19	139.58 3.90 -17.59	147.98 4.13 -18.83	152.16 4.25 -14.95	128.86 3.65 -14.60	96.70 2.70 -6.77	69.22 1.49 0.00	60.25 1.40 -0.71	52.11 1.22 0.00
ROARING____BROOK_WT_PWR 323790	54.03 -0.65 0.00	52.20 -0.58 0.00	49.30 -0.55 0.00	48.47 -0.44 0.00	47.42 -0.38 0.00	46.14 -0.32 0.00	47.98 -0.29 0.00	49.97 -0.30 0.00	52.29 -0.31 0.00	54.42 -0.44 0.00	59.56 -0.66 0.00	64.73 -0.85 0.00	75.56 -1.07 0.00	83.19 -1.44 0.00	90.49 -1.85 0.00	109.19 -2.35 0.00	115.49 -2.60 0.00	122.16 -2.87 0.00	129.90 -3.05 0.00	107.96 -2.66 0.00	85.13 -2.09 0.00	66.17 -1.56 0.00	56.81 -1.33 0.00	49.87 -1.02 0.00
ROCHESRG_115KV_T4 355643	51.79 -1.48 1.42	49.38 -2.06 1.35	47.25 -1.99 0.60	46.56 -1.86 0.50	45.64 -2.15 0.01	43.38 -2.23 0.85	44.22 -2.56 1.49	45.82 -2.26 2.18	47.44 -1.95 3.22	50.75 -1.87 2.25	55.29 -2.17 2.77	60.00 -2.03 3.55	68.78 -3.22 4.64	74.59 -3.39 6.65	80.27 -3.88 8.18	96.82 -4.80 9.92	103.17 -5.43 9.49	107.97 -6.50 10.56	116.82 -6.78 9.35	96.36 -5.09 9.16	74.63 -4.27 8.33	60.31 -2.64 4.77	52.90 -2.09 3.15	46.69 -2.09 2.11
ROCHESTER_9_IC 23652	52.26 -1.04 1.39	49.85 -1.64 1.30	47.68 -1.60 0.58	46.96 -1.47 0.48	46.02 -1.77 0.01	43.78 -1.86 0.82	44.82 -2.12 1.33	46.45 -1.81 2.01	48.30 -1.42 2.89	51.53 -1.32 2.01	56.17 -1.51 2.55	60.96 -1.31 3.31	69.81 -2.45 4.37	75.96 -2.54 6.13	81.64 -2.95 7.74	98.71 -3.68 9.14	105.26 -4.13 8.70	110.13 -5.38 9.52	119.22 -5.45 8.28	97.91 -3.98 8.73	75.73 -3.49 8.01	61.10 -2.03 4.60	53.44 -1.63 3.07	47.09 -1.73 2.06
ROCKVIEW_13_KV_LD 356306	56.98 2.30 0.00	54.95 2.16 0.00	51.74 1.89 0.00	50.57 1.66 0.00	49.38 1.58 0.00	48.23 1.77 0.00	50.34 2.08 0.00	52.78 2.51 0.00	55.40 2.79 0.00	58.10 3.24 0.00	64.14 3.91 0.00	69.78 4.20 0.00	82.62 5.98 0.00	92.92 8.29 0.00	101.57 9.23 0.00	125.15 12.60 -1.00	148.12 14.05 -15.98	165.43 15.13 -25.28	150.93 15.02 -2.96	124.79 11.28 -2.89	95.25 8.02 0.00	72.40 4.67 0.00	62.10 3.95 0.00	54.14 3.26 0.00
ROME____115KV_TB2 80656	56.65 1.86 -0.11	54.74 1.74 -0.22	51.83 1.60 -0.39	50.83 1.57 -0.36	49.97 1.63 -0.55	48.16 1.58 -0.12	50.27 1.69 -0.31	52.09 1.76 -0.06	54.66 1.95 -0.11	56.88 1.76 -0.27	62.27 1.87 -0.18	67.62 2.03 -0.01	78.68 1.92 -0.13	87.15 2.45 -0.07	94.74 2.86 0.45	115.21 3.12 -0.55	121.30 2.72 -0.50	128.86 3.25 -0.58	138.66 4.25 -1.45	113.98 3.54 0.17	88.89 2.79 1.13	69.04 1.96 0.65	59.18 1.51 0.47	51.78 1.22 0.33
ROSETON____1 23587	56.16 1.48 0.00	54.21 1.43 0.00	51.10 1.25 0.00	49.99 1.07 0.00	48.81 1.01 0.00	47.57 1.11 0.00	49.57 1.30 0.00	51.92 1.66 0.00	54.40 1.79 0.00	57.00 2.14 0.00	62.87 2.65 0.00	68.40 2.82 0.00	80.70 4.06 0.00	90.46 5.83 0.00	98.70 6.37 0.00	121.13 8.71 -0.89	130.79 9.69 -3.02	138.84 10.50 -3.31	145.99 15.02 -2.67	120.96 11.28 -2.60	92.64 7.74 0.00	70.78 5.41 0.00	60.76 3.05 0.00	53.07 2.62 0.00
ROSETON____2 23588	56.16 1.48 0.00	54.21 1.43 0.00	51.10 1.25 0.00	49.99 1.07 0.00	48.81 1.01 0.00	47.57 1.11 0.00	49.57 1.30 0.00	51.92 1.66 0.00	54.40 1.79 0.00	57.00 2.14 0.00	62.87 2.65 0.00	68.40 2.82 0.00	80.70 4.06 0.00	90.46 5.83 0.00	98.70 6.37 0.00	121.13 8.71 -0.89	130.79 9.69 -3.02	138.84 10.50 -3.31	145.99 15.02 -2.67	120.96 11.28 -2.60	92.64 7.74 0.00	70.78 5.41 0.00	60.76 3.05 0.00	53.07 2.62 0.00
ROTTDRAM_115KV_TB3 80664	59.96 1.37 -3.91	58.69 1.48 -4.43	54.36 1.35 -3.17	52.93 1.27 -2.75	49.08 1.24 -0.04	47.62 1.16 0.00	49.48 1.21 0.00	51.32 1.06 0.00	53.61 1.00 0.00	55.85 0.99 0.00	61.37 1.14 0.00	66.89 1.31 0.00	78.40 1.76 0.00	87.25 2.62 0.00	95.57 3.23 0.00	118.40 4.13 -2.74	131.97 4.61 -9.28	139.94 5.00 -9.91	146.01 5.19 -7.87	122.62 4.31 -7.69	94.16 3.40 -3.53	69.96 2.23 0.00	60.37 1.86 -0.37	52.36 1.48 0.00
RUSSELL____1 23602	52.58 -0.71 1.39	50.11 -1.37 1.30	47.97 -1.30 0.58	47.20 -1.22 0.48	46.21 -1.58 0.01	44.06 -1.58 0.82	45.05 -1.88 1.34	46.74 -1.51 2.02	48.59 -1.10 2.91	51.90 -0.93 2.02	56.58 -1.08 2.56	61.40 -0.85 3.33	70.26 -1.99 4.39	76.44 -2.03 6.16	82.17 -2.40 7.76	99.45 -2.90 9.19	106.04 -3.31 8.74	110.82 -4.63 9.58	119.95 -4.65 8.35	98.54 -3.32 8.76	76.15 -3.05 8.03	61.49 -1.63 4.61	53.79 -1.28 3.07	47.35 -1.48 2.06
RUSSELL____2 23532	52.58 -0.71 1.39	50.11 -1.37 1.30	47.97 -1.30 0.58	47.20 -1.22 0.48	46.21 -1.58 0.01	44.06 -1.58 0.82	45.05 -1.88 1.34	46.74 -1.51 2.02	48.59 -1.10 2.91	51.90 -0.93 2.02	56.58 -1.08 2.56	61.40 -0.85 3.33	70.26 -1.99 4.39	76.44 -2.03 6.16	82.17 -2.40 7.76	99.45 -2.90 9.19	106.04 -3.31 8.74	110.82 -4.63 9.58	119.95 -4.65 8.35	98.54 -3.32 8.76	76.15 -3.05 8.03	61.49 -1.63 4.61	53.79 -1.28 3.07	47.35 -1.48 2.06
RUSSELL____3 23549	52.58 -0.71 1.39	50.11 -1.37 1.30	47.97 -1.30 0.58	47.20 -1.22 0.48	46.21 -1.58 0.01	44.06 -1.58 0.82	45.05 -1.88 1.34	46.74 -1.51 2.02	48.59 -1.10 2.91	51.90 -0.93 2.02	56.58 -1.08 2.56	61.40 -0.85 3.33	70.26 -1.99 4.39	76.44 -2.03 6.16	82.17 -2.40 7.76	99.45 -2.90 9.19	106.04 -3.31 8.74	110.82 -4.63 9.58	119.95 -4.65 8.35	98.54 -3.32 8.76	76.15 -3.05 8.03	61.49 -1.63 4.61	53.79 -1.28 3.07	47.35 -1.48 2.06
RUSSELL____4 23556	52.58 -0.71 1.39	50.11 -1.37 1.30	47.97 -1.30 0.58	47.20 -1.22 0.48	46.21 -1.58 0.01	44.06 -1.58 0.82	45.05 -1.88 1.34	46.74 -1.51 2.02	48.59 -1.10 2.91	51.90 -0.93 2.02	56.58 -1.08 2.56	61.40 -0.85 3.33	70.26 -1.99 4.39	76.44 -2.03 6.16	82.17 -2.40 7.76	99.45 -2.90 9.19	106.04 -3.31 8.74	110.82 -4.63 9.58	119.95 -4.65 8.35	98.54 -3.32 8.76	76.15 -3.05 8.03	61.49 -1.63 4.61	53.79 -1.28 3.07	47.35 -1.48 2.06
RUSSELL____STATION 23914	52.58 -0.71 1.39	50.11 -1.37 1.30	47.97 -1.30 0.58	47.20 -1.22 0.48	46.21 -1.58 0.01	44.06 -1.58 0.82	45.05 -1.88 1.34	46.74 -1.51 2.02	48.59 -1.10 2.91	51.90 -0.93 2.02	56.58 -1.08 2.56	61.40 -0.85 3.33	70.26 -1.99 4.39	76.44 -2.03 6.16	82.17 -2.40 7.76	99.45 -2.90 9.19	106.04 -3.31 8.74	110.82 -4.63 9.58	119.95 -4.65 8.35	98.54 -3.32 8.76	76.15 -3.05 8.03	61.49 -1.63 4.61	53.79 -1.28 3.07	47.35 -1.48 2.06

S SALMON___HYD 24043	56.60 0.16 -1.75	54.87 0.05 -2.03	52.02 0.00 -2.17	50.86 -0.05 -2.00	50.24 0.05 -2.40	47.77 0.09 -1.21	50.24 0.10 -1.88	51.83 0.15 -1.42	54.46 0.21 -1.64	56.85 0.05 -1.93	62.41 -0.06 -2.24	67.53 -0.26 -2.21	79.61 -0.69 -3.67	88.28 -0.59 -4.24	95.50 -0.55 -3.72	118.68 -0.67 -7.81	124.05 -1.06 -7.03	130.88 -1.13 -6.97	141.73 -0.53 -9.31	116.04 -0.11 -5.54	88.86 -0.09 -1.72	68.52 -0.20 -0.99	58.75 -0.12 -0.72	51.18 -0.20 -0.49
S.PERRY___115KV_TB1 80734	54.41 0.71 0.99	54.21 -0.05 -1.48	50.36 -0.10 -0.62	48.42 -0.15 0.35	47.65 -0.14 0.01	47.42 -0.09 -1.06	62.10 0.00 -13.83	63.55 0.10 -13.18	81.09 0.00 -28.48	75.36 -0.27 -20.78	76.37 -0.60 -16.75	80.89 -0.39 -15.70	88.75 -3.99 -16.10	112.69 -4.57 -32.63	112.05 -4.71 -24.42	160.47 -5.80 -54.73	169.33 -6.49 -57.74	198.82 -7.25 -81.04	214.42 -6.25 -87.72	136.26 -3.43 -29.08	98.21 0.87 -10.12	73.87 0.68 -5.46	57.30 0.12 0.96	49.16 -0.25 1.47
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	50.01 -3.45 1.23	46.81 -4.22 1.75	45.14 -3.94 0.77	44.71 -3.77 0.43	44.16 -3.63 0.01	41.52 -3.81 1.13	39.94 -3.72 4.61	41.81 -3.27 5.19	40.19 -2.79 9.63	45.13 -2.80 6.93	50.39 -3.25 6.58	55.19 -3.28 7.12	63.54 -4.75 8.35	65.31 -5.25 14.07	73.56 -6.00 12.77	84.79 -7.81 18.94	90.13 -9.09 18.86	91.22 -10.50 23.31	99.34 -10.77 22.84	87.92 -7.96 14.73	69.79 -6.45 10.98	56.52 -4.94 6.26	50.52 -4.59 3.03	44.93 -4.12 1.83
SAWYER___23_KV_LOAD 55526	50.01 -3.45 1.23	46.81 -4.22 1.75	45.14 -3.94 0.77	44.71 -3.77 0.43	44.16 -3.63 0.01	41.52 -3.81 1.13	39.94 -3.72 4.61	41.81 -3.27 5.19	40.19 -2.79 9.63	45.13 -2.80 6.93	50.39 -3.25 6.58	55.19 -3.28 7.12	63.54 -4.75 8.35	65.31 -5.25 14.07	73.56 -6.00 12.77	84.79 -7.81 18.94	90.13 -9.09 18.86	91.22 -10.50 23.31	99.34 -10.77 22.84	87.92 -7.96 14.73	69.79 -6.45 10.98	56.52 -4.94 6.26	50.52 -4.59 3.03	44.93 -4.12 1.83
SELKIRK___I 23801	46.40 1.15 9.44	43.41 1.32 10.69	43.45 1.25 7.64	43.40 1.13 6.64	48.76 1.05 0.09	47.39 0.93 0.00	49.18 0.91 0.00	50.92 0.65 0.00	52.03 -0.58 0.00	54.14 -0.71 0.00	59.51 -0.72 0.00	64.86 -0.72 0.00	76.02 -0.62 0.00	84.63 0.00 0.00	92.70 0.37 0.00	102.32 0.89 10.10	85.14 1.30 34.25	89.94 1.75 36.84	105.73 1.86 29.08	83.89 1.66 28.38	80.01 1.31 8.53	68.13 0.41 0.00	57.66 0.41 0.89	52.41 1.53 0.00
SELKIRK___II 23799	44.07 0.33 10.95	40.85 0.47 12.41	41.43 0.45 8.87	41.60 0.39 7.70	47.98 0.29 0.11	46.69 0.23 0.00	48.46 0.19 0.00	50.27 0.00 0.00	52.40 -0.21 0.00	54.64 -0.22 0.00	60.10 -0.12 0.00	65.52 -0.07 0.00	76.79 0.15 0.00	85.30 0.67 0.00	93.45 1.11 0.00	101.30 1.45 11.68	80.35 1.88 39.62	84.66 2.25 42.62	101.30 2.00 33.65	79.65 1.88 32.84	78.73 1.39 9.89	68.27 0.54 0.00	57.63 0.52 1.03	51.90 1.02 0.00
SENECA OSWGO___HYD 24041	56.89 -0.88 -3.08	55.16 -1.06 -3.43	52.30 -1.00 -3.45	51.00 -1.08 -3.17	50.42 -1.01 -3.62	47.60 -0.93 -2.06	50.31 -0.97 -3.01	51.89 -0.90 -2.53	54.60 -0.89 -2.88	57.16 -0.88 -3.18	63.08 -1.02 -3.88	68.54 -1.12 -4.07	81.77 -1.46 -6.59	91.09 -1.27 -7.73	98.58 -1.29 -7.53	123.71 -1.45 -13.62	128.58 -1.77 -12.26	134.94 -2.13 -12.03	145.76 -2.26 -15.07	119.44 -1.66 -10.48	90.59 -1.48 -4.84	69.16 -1.35 -2.79	59.13 -1.04 -2.03	51.26 -1.02 -1.39
SENECA___115KV_TB3 355854	50.38 -3.11 1.19	47.11 -3.91 1.77	45.44 -3.64 0.78	45.07 -3.43 0.41	44.73 -3.06 0.01	42.11 -3.21 1.15	40.45 -2.80 5.02	42.44 -2.26 5.57	40.39 -1.73 10.48	45.61 -1.70 7.55	51.11 -2.05 7.07	56.10 -1.90 7.58	64.69 -3.15 8.80	67.44 -3.39 13.80	75.03 -3.79 13.51	85.45 -5.24 20.85	90.58 -6.61 20.90	90.91 -7.87 26.25	99.15 -7.71 26.09	89.87 -5.42 15.33	70.60 -5.49 11.13	57.21 -4.20 6.32	51.11 -4.07 2.96	45.00 -4.12 1.76
SENECA___ENERGY 23797	56.44 0.71 -1.05	54.63 0.21 -1.64	51.71 0.20 -1.66	50.35 0.05 -1.39	49.81 0.24 -1.77	47.79 0.33 -1.00	52.36 0.68 -3.41	54.05 0.85 -2.93	58.93 0.95 -5.38	60.32 0.99 -4.47	65.23 0.96 -4.05	70.70 1.31 -3.81	82.66 1.15 -4.87	94.01 1.69 -7.69	100.43 2.13 -5.97	127.88 2.79 -13.55	134.04 2.48 -13.47	144.24 2.25 -16.96	155.67 2.92 -19.80	121.34 2.77 -7.96	91.15 1.65 -2.27	69.86 0.88 -1.25	58.73 0.41 -0.18	51.04 0.15 0.00
SHOEMAKER___GT 23640	56.16 1.48 0.00	54.15 1.37 0.00	51.04 1.19 0.00	49.99 1.07 0.00	48.81 1.01 0.00	47.57 1.11 0.00	49.57 1.30 0.00	51.88 1.61 0.00	54.29 1.68 0.00	56.83 1.97 0.00	62.70 2.47 0.00	68.27 2.69 0.00	80.47 3.83 0.00	89.96 5.33 0.00	98.25 5.91 0.00	120.25 7.92 -0.79	56.12 8.74 70.71	11.79 9.63 122.87	145.17 9.84 -2.38	120.47 7.53 -2.33	92.46 5.23 0.00	70.70 2.98 0.00	60.64 2.50 0.00	52.87 1.98 0.00
SHOEMAKR_138KV_BK 111 55601	56.16 1.48 0.00	54.16 1.37 0.00	51.04 1.20 0.00	49.99 1.08 0.00	48.80 1.00 0.00	47.58 1.12 0.00	49.57 1.30 0.00	51.83 1.56 0.00	54.29 1.68 0.00	56.83 1.97 0.00	62.69 2.47 0.00	68.27 2.69 0.00	80.47 3.83 0.00	90.05 5.42 0.00	98.52 6.19 0.00	120.35 8.03 -0.78	18.97 8.86 107.98	-51.95 9.75 186.73	145.10 9.84 -2.32	120.51 7.63 -2.26	92.55 5.32 0.00	70.64 2.91 0.00	60.59 2.44 0.00	52.82 1.93 0.00
SHOREHAM_IC_1 23715	57.59 2.90 -0.01	55.74 2.95 0.00	53.29 3.44 0.00	51.85 2.93 0.00	50.19 2.39 0.00	48.13 1.67 0.00	50.15 1.88 0.00	53.03 2.76 0.00	55.08 2.47 0.00	57.32 2.47 0.01	64.80 3.61 -0.96	71.03 5.44 -0.01	88.97 7.66 -4.67	100.67 10.15 -5.89	122.34 11.08 -18.93	166.38 14.39 -40.45	335.01 15.59 -201.34	301.81 16.63 -160.15	237.46 17.28 -87.24	181.27 14.05 -56.60	147.88 10.46 -50.19	97.35 6.91 -22.71	66.74 4.30 -4.29	55.48 4.27 -0.32
SHOREHAM_IC_2 23716	57.59 2.90 -0.01	55.74 2.95 0.00	53.29 3.44 0.00	51.85 2.93 0.00	50.19 2.39 0.00	48.13 1.67 0.00	50.15 1.88 0.00	53.03 2.76 0.00	55.08 2.47 0.00	57.32 2.47 0.01	64.80 3.61 -0.96	71.03 5.44 -0.01	88.97 7.66 -4.67	100.67 10.15 -5.89	122.34 11.08 -18.93	166.38 14.39 -40.45	335.01 15.59 -201.34	301.81 16.63 -160.15	237.46 17.28 -87.24	181.27 14.05 -56.60	147.88 10.46 -50.19	97.35 6.91 -22.71	66.74 4.30 -4.29	55.48 4.27 -0.32
SISSONVILLE____ 23735	54.03 -0.66 0.00	52.52 -0.26 0.00	49.60 -0.25 0.00	48.81 -0.10 0.00	47.80 0.00 0.00	46.51 0.05 0.00	48.22 -0.05 0.00	49.97 -0.30 0.00	52.08 -0.53 0.00	54.04 -0.82 0.00	59.02 -1.20 0.00	63.68 -1.90 0.00	74.03 -2.61 0.00	80.40 -4.23 0.00	86.89 -5.45 0.00	104.62 -6.92 0.00	110.41 -7.68 0.00	117.40 -7.63 0.00	125.90 -7.05 0.00	105.31 -5.31 0.00	83.65 -3.58 0.00	65.90 -1.83 0.00	56.57 -1.57 0.00	50.02 -0.87 0.00
SITHE_IND_GS1 24169	37.72 -1.75 15.22	35.72 -1.79 15.27	35.76 -1.70 12.39	35.80 -1.71 11.40	35.53 -1.67 10.60	35.53 -1.63 9.30	35.35 -1.69 11.23	35.64 -1.71 12.92	36.78 -1.69 14.14	40.08 -1.76 13.02	39.94 -1.93 18.36	41.01 -2.10 22.47	39.84 -2.53 34.27	40.48 -2.54 41.61	40.03 -2.77 49.54	42.33 -3.24 65.97	55.11 -3.66 59.32	64.47 -4.01 56.55	70.29 -4.26 58.40	46.17 -3.43 61.01	38.06 -2.79 46.37	38.76 -2.23 26.73	36.86 -1.86 19.42	35.84 -1.73 13.32

SITHE_IND_GS2 24170	37.72 -1.75 15.22	35.72 -1.79 15.27	35.76 -1.70 12.39	35.80 -1.71 11.40	35.53 -1.67 10.60	35.53 -1.63 9.30	35.35 -1.69 11.23	35.64 -1.71 12.92	36.78 -1.69 14.14	40.08 -1.76 13.02	39.94 -1.93 18.36	41.01 -2.10 22.47	39.84 -2.53 34.27	40.48 -2.54 41.61	40.03 -2.77 49.54	42.33 -3.24 65.97	55.11 -3.66 59.32	64.47 -4.01 56.55	70.29 -4.26 58.40	46.17 -3.43 61.01	38.06 -2.79 46.37	38.76 -2.23 26.73	36.86 -1.86 19.42	35.84 -1.73 13.32
SITHE_IND_GS3 24171	37.72 -1.75 15.22	35.72 -1.79 15.27	35.76 -1.70 12.39	35.80 -1.71 11.40	35.53 -1.67 10.60	35.53 -1.63 9.30	35.35 -1.69 11.23	35.64 -1.71 12.92	36.78 -1.69 14.14	40.08 -1.76 13.02	39.94 -1.93 18.36	41.01 -2.10 22.47	39.84 -2.53 34.27	40.48 -2.54 41.61	40.03 -2.77 49.54	42.33 -3.24 65.97	55.11 -3.66 59.32	64.47 -4.01 56.55	70.29 -4.26 58.40	46.17 -3.43 61.01	38.06 -2.79 46.37	38.76 -2.23 26.73	36.86 -1.86 19.42	35.84 -1.73 13.32
SITHE_IND_GS4 24172	37.72 -1.75 15.22	35.72 -1.79 15.27	35.76 -1.70 12.39	35.80 -1.71 11.40	35.53 -1.67 10.60	35.53 -1.63 9.30	35.35 -1.69 11.23	35.64 -1.71 12.92	36.78 -1.69 14.14	40.08 -1.76 13.02	39.94 -1.93 18.36	41.01 -2.10 22.47	39.84 -2.53 34.27	40.48 -2.54 41.61	40.03 -2.77 49.54	42.33 -3.24 65.97	55.11 -3.66 59.32	64.47 -4.01 56.55	70.29 -4.26 58.40	46.17 -3.43 61.01	38.06 -2.79 46.37	38.76 -2.23 26.73	36.86 -1.86 19.42	35.84 -1.73 13.32
SITHE___BATAVIA 24024	51.68 -1.70 1.31	48.84 -2.43 1.52	46.88 -2.29 0.67	46.26 -2.20 0.46	45.59 -2.20 0.01	43.17 -2.32 0.97	43.03 -2.22 3.02	44.86 -1.76 3.65	44.91 -1.31 6.38	48.99 -1.32 4.55	53.79 -1.81 4.63	58.58 -1.71 5.29	66.99 -3.22 6.43	71.04 -3.22 10.37	77.54 -3.87 10.92	90.61 -4.91 16.02	96.26 -5.90 15.92	98.32 -7.12 19.59	106.91 -6.92 19.12	93.58 -4.32 12.72	73.56 -4.19 9.48	59.82 -2.50 5.40	52.55 -2.56 3.04	46.00 -2.95 1.94
SITHE___INDEPEND 23800	37.72 -1.75 15.22	35.72 -1.79 15.27	35.76 -1.69 12.39	35.80 -1.71 11.40	35.53 -1.67 10.60	35.53 -1.63 9.30	35.35 -1.69 11.23	35.64 -1.71 12.92	36.78 -1.68 14.14	40.08 -1.76 13.02	39.94 -1.93 18.36	41.01 -2.10 22.47	39.84 -2.53 34.27	40.39 -2.62 41.61	40.03 -2.77 49.54	42.33 -3.23 65.97	55.11 -3.66 59.32	64.35 -4.13 56.55	70.29 -4.25 58.40	46.18 -3.43 61.01	38.07 -2.79 46.37	38.76 -2.23 26.73	36.80 -1.92 19.42	35.84 -1.73 13.32
SITHE___MASSENA 23902	54.63 -0.05 0.00	52.78 0.00 0.00	49.85 0.00 0.00	49.06 0.15 0.00	47.99 0.19 0.00	46.74 0.28 0.00	48.41 0.15 0.00	50.32 0.05 0.00	52.55 -0.05 0.00	54.59 -0.27 0.00	59.74 -0.48 0.00	64.86 -0.72 0.00	75.72 -0.92 0.00	82.60 -2.03 0.00	89.75 -2.58 0.00	107.96 -3.57 0.00	114.07 -4.02 0.00	121.02 -4.01 0.00	129.37 -3.58 0.00	108.08 -2.54 0.00	85.48 -1.74 0.00	67.05 -0.68 0.00	57.39 -0.76 0.00	50.48 -0.41 0.00
SITHE___OGDNSBRG 24021	55.18 0.49 0.00	53.42 0.63 0.00	50.45 0.60 0.00	49.69 0.78 0.00	48.66 0.86 0.00	47.34 0.88 0.00	49.04 0.77 0.00	50.72 0.45 0.00	52.71 0.11 0.00	54.53 -0.33 0.00	59.50 -0.72 0.00	64.47 -1.11 0.00	75.11 -1.53 0.00	81.75 -2.88 0.00	88.55 -3.79 0.00	106.74 -4.80 0.00	112.78 -5.31 0.00	120.03 -5.00 0.00	129.23 -3.72 0.00	108.29 -2.32 0.00	85.92 -1.31 0.00	67.59 -0.14 0.00	57.85 -0.29 0.00	50.94 0.05 0.00
SITHE___STERLING 23777	56.14 1.37 -0.09	54.21 1.21 -0.21	51.41 1.15 -0.41	50.37 1.07 -0.38	49.50 1.10 -0.60	47.69 1.11 -0.12	49.81 1.21 -0.33	51.61 1.30 -0.04	54.06 1.37 -0.09	56.45 1.31 -0.27	61.78 1.39 -0.16	67.11 1.57 0.05	78.23 1.53 -0.06	86.64 2.03 0.02	94.10 2.40 0.64	114.68 2.67 -0.47	120.88 2.36 -0.43	128.31 2.75 -0.53	137.92 3.45 -1.52	113.26 2.99 0.34	88.00 2.18 1.41	68.40 1.49 0.81	58.72 1.16 0.59	51.40 0.92 0.40
SLEIGHT__34_KV_TB1 80719	52.96 -0.82 0.91	50.69 -1.32 0.77	48.43 -1.25 0.17	47.51 -1.27 0.13	46.73 -1.39 -0.32	44.62 -1.35 0.50	46.06 -1.50 0.72	47.67 -1.26 1.34	49.65 -1.05 1.90	52.72 -0.93 1.21	57.50 -1.08 1.64	62.39 -0.92 2.28	72.01 -1.69 2.94	78.81 -1.61 4.21	84.96 -1.75 5.62	103.44 -2.12 5.98	109.80 -2.60 5.70	115.33 -3.50 6.20	124.54 -3.59 4.82	101.99 -2.54 6.08	78.65 -2.36 6.23	62.53 -1.63 3.57	54.39 -1.34 2.42	47.88 -1.37 1.63
SOUTH CAIRO___GT 23612	47.43 3.12 10.37	44.09 3.06 11.75	44.24 2.79 8.40	44.21 2.59 7.29	50.14 2.44 0.10	48.64 2.18 0.00	50.54 2.27 0.00	52.23 1.96 0.00	53.87 1.26 0.00	55.90 1.04 0.00	61.37 1.31 0.00	66.89 1.76 0.00	78.40 2.54 0.00	87.17 3.60 0.00	95.93 5.69 0.00	106.34 6.38 10.88	87.57 7.88 36.90	93.25 9.84 39.65	111.30 8.74 31.49	88.61 8.74 30.74	84.40 6.54 9.37	71.38 3.66 0.00	60.65 3.49 0.98	53.79 2.90 0.00
SOUTH HAMPTN___IC 23720	58.30 3.61 -0.01	56.32 3.54 0.00	53.88 4.04 0.00	52.48 3.57 0.00	50.76 2.96 0.00	48.64 2.18 0.00	50.68 2.41 0.00	53.64 3.37 0.00	55.87 3.26 0.00	58.37 3.51 0.01	66.40 5.18 -0.99	72.94 7.34 -0.01	91.19 9.96 -4.59	103.21 12.69 -5.89	124.74 13.94 -18.47	169.26 18.07 -39.66	332.84 19.61 -195.14	302.25 20.25 -156.97	239.50 21.00 -85.55	182.49 16.59 -55.29	148.00 12.30 -48.47	97.71 8.19 -21.80	67.49 5.24 -4.11	56.18 4.99 -0.30
SOUTHDOW__115KV_TB1 355954	50.66 -2.90 1.13	47.61 -3.54 1.64	45.64 -3.49 0.72	45.04 -3.47 0.39	45.31 -2.49 0.01	43.03 -2.37 1.06	42.34 -1.40 4.53	44.51 -0.70 5.05	43.09 -0.05 9.46	48.10 0.05 6.81	53.57 -0.24 6.41	58.48 -0.20 6.90	67.67 -0.92 8.05	70.99 -1.10 12.54	78.75 -1.20 12.38	90.72 -1.90 18.92	97.03 -2.13 18.94	98.34 -3.00 23.69	106.96 -2.53 23.47	95.64 -0.88 14.09	75.70 -1.22 10.31	59.30 -2.57 5.85	51.86 -3.49 2.79	45.80 -3.41 1.67
SOUTHOLD_69_KV_BK 2 55809	59.29 4.59 -0.01	57.16 4.38 0.00	54.63 4.79 0.00	53.12 4.21 0.00	51.34 3.54 0.00	49.11 2.65 0.00	51.17 2.90 0.00	54.14 3.87 0.00	56.76 4.16 0.00	59.30 4.44 0.01	67.90 6.68 -0.99	74.77 9.18 -0.01	93.26 12.03 -4.59	105.75 15.23 -5.89	127.89 17.08 -18.47	172.73 21.53 -39.67	336.57 23.26 -195.21	303.54 21.50 -157.01	242.94 24.46 -85.53	185.13 19.25 -55.26	149.85 14.13 -48.49	99.08 9.55 -21.81	68.42 6.16 -4.12	57.70 6.51 -0.31
SOUTHOLD___IC 23719	59.02 4.32 -0.01	56.90 4.12 0.00	54.43 4.58 0.00	53.12 4.21 0.00	51.29 3.49 0.00	49.01 2.55 0.00	51.07 2.80 0.00	54.09 3.82 0.00	56.60 4.00 0.00	59.29 4.44 0.01	67.90 6.68 -0.99	74.77 9.18 -0.01	93.42 12.19 -4.59	105.67 15.15 -5.89	127.61 16.81 -18.47	172.73 21.53 -39.67	336.57 23.27 -195.21	303.55 21.51 -157.01	242.98 24.46 -85.57	185.06 19.14 -55.30	149.76 14.05 -48.49	99.09 9.55 -21.81	68.48 6.22 -4.12	56.84 5.65 -0.31
SOUTH_FORK_WT_PWR 323839	58.91 4.21 -0.01	56.69 3.91 0.00	54.34 4.49 0.00	53.07 4.16 0.00	51.19 3.39 0.00	48.83 2.37 0.00	50.78 2.51 0.00	53.89 3.62 0.00	56.40 3.79 0.00	59.18 4.33 0.01	67.96 6.74 -0.99	74.97 9.38 -0.01	93.73 12.50 -4.59	106.01 15.49 -5.89	127.88 17.08 -18.47	172.95 21.75 -39.66	336.65 23.39 -195.17	304.90 22.88 -156.99	242.71 24.20 -85.56	184.71 18.80 -55.29	149.40 13.70 -48.48	98.88 9.35 -21.80	68.25 5.99 -4.11	56.69 5.50 -0.30

SPIERFLS_115KV_TB 1 80737	62.76 2.13 -5.94	61.79 2.27 -6.73	56.85 2.19 -4.81	55.09 2.01 -4.18	49.77 1.91 -0.06	48.37 1.90 0.00	50.30 2.03 0.00	52.13 1.86 0.00	54.13 1.53 0.00	56.23 1.37 0.00	61.97 1.75 0.00	68.01 2.43 0.00	79.70 3.07 0.00	89.03 4.40 0.00	97.78 5.45 0.00	123.34 7.25 -4.55	140.85 7.32 -15.44	149.42 7.88 -16.52	154.13 7.98 -13.21	129.81 6.31 -12.89	98.35 5.76 -5.37	71.79 4.06 0.00	62.19 3.49 -0.56	53.43 2.54 0.00
ST LAWRENCE____ 23600	54.31 -0.38 0.00	52.47 -0.31 0.00	49.55 -0.30 0.00	48.72 -0.19 0.00	47.66 -0.14 0.00	46.37 -0.09 0.00	48.08 -0.19 0.00	50.02 -0.25 0.00	52.29 -0.31 0.00	54.36 -0.49 0.00	59.51 -0.72 0.00	64.66 -0.92 0.00	75.49 -1.15 0.00	82.52 -2.11 0.00	89.75 -2.58 0.00	108.08 -3.46 0.00	114.43 -3.66 0.00	121.28 -3.75 0.00	129.23 -3.72 0.00	107.74 -2.88 0.00	85.22 -2.00 0.00	66.71 -1.01 0.00	57.15 -0.99 0.00	50.22 -0.66 0.00
STATE_CA_115KV_115_LB 55624	59.03 1.09 -3.25	57.68 1.21 -3.68	53.58 1.10 -2.63	52.18 0.98 -2.29	48.74 0.91 -0.03	47.34 0.88 0.00	49.09 0.82 0.00	50.92 0.65 0.00	54.61 2.00 0.00	56.83 1.97 0.00	62.57 2.35 0.00	68.40 2.82 0.00	80.16 3.53 0.00	89.28 4.65 0.00	97.87 5.54 0.00	121.30 7.03 -2.74	135.04 7.68 -9.28	142.81 7.88 -9.91	145.34 4.52 -7.87	122.17 3.87 -7.69	92.96 2.79 -2.94	69.35 1.63 0.00	59.90 1.45 -0.31	52.16 1.27 0.00
STATE_ST_34_KV_LOAD 55959	56.14 0.38 -1.07	54.32 0.05 -1.48	51.51 0.05 -1.62	50.23 -0.10 -1.42	49.61 0.00 -1.81	47.40 0.05 -0.89	50.81 0.24 -2.30	52.48 0.40 -1.81	56.17 0.53 -3.03	58.19 0.55 -2.78	63.35 0.48 -2.64	68.68 0.66 -2.44	80.61 0.54 -3.43	90.45 0.93 -4.89	97.21 1.20 -3.67	121.97 1.56 -8.87	128.07 1.42 -8.57	136.21 1.00 -10.18	147.02 1.46 -12.60	117.34 1.44 -5.29	89.24 0.96 -1.05	68.64 0.34 -0.58	58.34 0.12 -0.08	50.84 -0.05 0.00
STATION 5_MISC_HYD 23604	52.37 -0.93 1.39	50.01 -1.48 1.30	47.87 -1.40 0.58	47.01 -1.42 0.48	46.21 -1.58 0.01	43.97 -1.67 0.82	44.82 -2.12 1.33	46.45 -1.81 2.01	48.30 -1.42 2.89	51.59 -1.26 2.01	56.17 -1.50 2.55	60.96 -1.31 3.31	69.81 -2.46 4.37	76.04 -2.46 6.13	81.73 -2.86 7.74	99.05 -3.34 9.14	105.38 -4.02 8.70	110.26 -5.25 9.52	119.34 -5.32 8.28	98.34 -3.54 8.73	75.99 -3.23 8.01	61.10 -2.03 4.60	53.68 -1.40 3.07	47.00 -1.83 2.06
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	52.60 -0.93 1.16	50.28 -1.43 1.08	47.97 -1.40 0.48	47.19 -1.32 0.40	46.26 -1.53 0.01	44.25 -1.53 0.68	45.45 -1.74 1.08	47.17 -1.46 1.64	49.10 -1.16 2.35	52.19 -1.04 1.63	56.87 -1.26 2.09	61.81 -1.05 2.72	71.04 -1.99 3.60	77.60 -1.95 5.09	83.72 -2.22 6.39	101.35 -2.68 7.51	107.88 -3.07 7.14	113.24 -4.00 7.79	122.08 -4.12 6.75	100.37 -3.10 7.15	77.79 -2.79 6.64	62.15 -1.76 3.81	54.19 -1.40 2.56	47.64 -1.53 1.72
STA_56_34_KV_BUS2_REV_LBMP_B 345033	51.98 -1.31 1.39	49.63 -1.85 1.30	47.47 -1.79 0.58	46.71 -1.71 0.49	45.78 -2.01 0.01	43.64 -2.00 0.82	44.62 -2.32 1.33	46.24 -2.01 2.02	48.07 -1.63 2.90	51.30 -1.54 2.02	55.92 -1.75 2.56	60.62 -1.64 3.32	69.57 -2.68 4.39	75.67 -2.79 6.16	81.34 -3.23 7.76	98.45 -3.90 9.18	104.98 -4.37 8.74	109.83 -5.63 9.57	118.76 -5.85 8.33	97.62 -4.31 8.68	75.45 -3.75 8.03	60.82 -2.30 4.61	53.21 -1.86 3.08	46.89 -1.93 2.07
STA_56____34_KV_BUS2 355983	51.98 -1.31 1.39	49.63 -1.85 1.30	47.47 -1.79 0.58	46.71 -1.71 0.49	45.78 -2.01 0.01	43.64 -2.00 0.82	44.62 -2.32 1.33	46.24 -2.01 2.02	48.07 -1.63 2.90	51.30 -1.54 2.02	55.92 -1.75 2.56	60.62 -1.64 3.32	69.57 -2.68 4.39	75.67 -2.79 6.16	81.34 -3.23 7.76	98.45 -3.90 9.18	104.98 -4.37 8.74	109.83 -5.63 9.57	118.76 -5.85 8.33	97.62 -4.31 8.68	75.45 -3.75 8.03	60.82 -2.30 4.61	53.21 -1.86 3.08	46.89 -1.93 2.07
STA_67____115KV_BK2 355882	52.15 -1.15 1.39	49.74 -1.74 1.30	47.57 -1.69 0.58	46.86 -1.57 0.48	45.88 -1.91 0.01	43.69 -1.95 0.82	44.67 -2.27 1.33	46.34 -1.91 2.01	48.13 -1.58 2.90	51.36 -1.48 2.02	55.98 -1.69 2.56	60.69 -1.57 3.32	69.58 -2.68 4.38	75.69 -2.79 6.15	81.35 -3.23 7.75	98.35 -4.02 9.17	104.88 -4.49 8.72	109.72 -5.75 9.56	118.78 -5.85 8.32	97.56 -4.31 8.74	75.54 -3.66 8.02	60.89 -2.23 4.60	53.33 -1.74 3.07	46.99 -1.83 2.06
STA_7____115KV_9TRANS 80674	52.58 -0.71 1.39	50.11 -1.37 1.30	47.97 -1.30 0.58	47.20 -1.22 0.48	46.21 -1.58 0.01	44.06 -1.58 0.82	45.05 -1.88 1.34	46.74 -1.51 2.02	48.59 -1.10 2.91	51.90 -0.93 2.02	56.58 -1.08 2.56	61.40 -0.85 3.33	70.26 -1.99 4.39	76.44 -2.03 6.16	82.17 -2.40 7.76	99.45 -2.90 9.19	106.04 -3.31 8.74	110.82 -4.63 9.58	119.95 -4.65 8.35	98.54 -3.32 8.76	76.15 -3.05 8.03	61.49 -1.63 4.61	53.79 -1.28 3.07	47.35 -1.48 2.06
STA_82____115KV_TB1 80780	52.10 -1.20 1.38	49.70 -1.79 1.29	47.53 -1.74 0.57	46.82 -1.61 0.48	45.88 -1.91 0.01	43.65 -2.00 0.81	44.67 -2.32 1.29	46.35 -1.96 1.96	48.18 -1.63 2.80	51.38 -1.54 1.94	55.93 -1.81 2.49	60.69 -1.64 3.25	69.50 -2.84 4.30	75.66 -2.96 6.01	81.39 -3.32 7.62	98.47 -4.13 8.94	105.00 -4.61 8.49	109.91 -5.88 9.25	118.97 -5.98 8.00	97.59 -4.42 8.60	75.55 -3.75 7.93	60.87 -2.30 4.55	53.29 -1.80 3.05	47.00 -1.83 2.05
STEEL____WIND 323596	50.32 -3.17 1.19	47.06 -3.96 1.77	45.38 -3.69 0.78	45.03 -3.47 0.41	44.69 -3.11 0.01	42.11 -3.21 1.15	40.45 -2.80 5.02	42.39 -2.31 5.57	40.34 -1.79 10.48	45.55 -1.76 7.55	51.05 -2.11 7.07	55.97 -2.03 7.58	64.54 -3.29 8.80	67.35 -3.47 13.80	74.94 -3.87 13.51	85.22 -5.46 20.85	90.46 -6.73 20.90	90.77 -8.00 26.25	99.02 -7.84 26.09	89.87 -5.42 15.33	70.51 -5.58 11.13	57.14 -4.26 6.32	51.06 -4.13 2.96	45.00 -4.12 1.76
STEPHTWN_115KV_BK_2 55603	36.61 1.20 19.28	32.32 1.37 21.84	35.44 1.20 15.61	36.43 1.08 13.55	48.57 0.96 0.19	47.39 0.93 0.00	49.23 0.97 0.00	51.02 0.75 0.00	53.13 0.53 0.00	55.35 0.49 0.00	60.95 0.72 0.00	66.57 0.98 0.00	78.02 1.38 0.00	87.00 2.37 0.00	95.38 3.05 0.00	95.37 4.02 20.18	54.37 4.72 68.44	56.55 5.13 73.61	79.68 5.19 58.46	57.98 4.42 57.06	72.96 3.14 17.41	69.62 1.90 0.00	58.01 1.69 1.82	52.36 1.48 0.00
STEBEN_REC_LFGE 323667	54.46 -0.11 0.12	53.86 -0.90 -1.97	50.20 -0.90 -1.24	48.28 -1.03 -0.39	47.83 -0.72 -0.75	47.13 -0.65 -1.33	60.15 -0.14 -12.02	61.93 0.25 -11.41	77.21 0.53 -24.08	73.03 0.38 -17.79	75.05 0.18 -14.64	79.90 0.46 -13.86	91.07 -0.31 -14.74	113.09 -0.08 -28.55	114.17 -0.09 -21.93	159.18 -0.56 -48.20	166.69 -1.77 -50.38	192.45 -2.13 -69.54	207.52 -1.06 -75.64	137.64 0.44 -26.58	97.52 0.70 -9.60	72.62 -0.34 -5.23	56.90 -0.99 0.26	49.23 -0.81 0.84
STILLWATER____SOLAR 323814	64.17 2.46 -7.02	63.27 2.53 -7.95	57.92 2.39 -5.68	56.10 2.25 -4.94	49.97 2.10 -0.07	48.50 2.04 0.00	50.39 2.12 0.00	52.23 1.96 0.00	54.40 1.79 0.00	56.50 1.64 0.00	62.15 1.93 0.00	67.88 2.29 0.00	79.48 2.84 0.00	88.61 3.98 0.00	97.13 4.80 0.00	123.18 6.35 -5.29	143.00 6.97 -17.95	151.86 7.63 -19.20	156.04 7.98 -15.11	132.11 6.75 -14.75	98.98 5.41 -6.34	71.52 3.79 0.00	61.94 3.14 -0.66	53.53 2.64 0.00

STONY___BROOK 24151	57.16 2.46 -0.01	55.42 2.64 0.00	53.04 3.19 0.00	51.80 2.89 0.00	50.14 2.34 0.00	48.32 1.86 0.00	50.30 2.03 0.00	52.93 2.66 0.00	54.92 2.31 0.00	57.10 2.25 0.01	64.47 3.49 -0.76	70.91 5.31 -0.01	88.90 7.13 -5.13	100.08 9.56 -5.89	124.49 10.61 -21.55	170.61 14.17 -44.90	369.03 15.59 -235.35	319.68 16.87 -177.78	246.45 16.89 -96.62	187.44 12.94 -63.89	156.16 9.34 -59.59	101.28 5.83 -27.73	67.14 3.72 -5.28	55.20 3.92 -0.40
STURGEON_POOL_HYD 23609	54.76 2.24 2.17	52.44 2.11 2.45	49.99 1.89 1.75	49.10 1.71 1.52	49.40 1.63 0.02	48.04 1.58 0.00	50.06 1.79 0.00	52.38 2.11 0.00	54.92 2.31 0.00	57.60 2.74 0.00	63.54 3.31 0.00	69.19 3.61 0.00	81.70 5.06 0.00	91.48 6.85 0.00	100.18 7.85 0.00	120.30 10.48 1.72	128.06 11.22 1.25	139.15 12.38 -1.75	140.98 12.90 4.86	115.83 9.96 4.74	92.25 6.98 1.96	71.52 3.79 0.00	61.37 3.43 0.20	53.38 2.49 0.00
ST_LAW_115_BK7_LBMP 345037	54.25 -0.44 0.00	52.42 -0.37 0.00	49.50 -0.35 0.00	48.72 -0.19 0.00	47.66 -0.14 0.00	46.37 -0.09 0.00	48.08 -0.19 0.00	49.97 -0.30 0.00	52.24 -0.37 0.00	54.31 -0.55 0.00	59.44 -0.78 0.00	64.60 -0.98 0.00	75.33 -1.30 0.00	82.35 -2.28 0.00	89.57 -2.77 0.00	107.86 -3.68 0.00	114.07 -4.02 0.00	120.91 -4.12 0.00	128.96 -3.98 0.00	107.52 -3.10 0.00	85.05 -2.18 0.00	66.64 -1.09 0.00	57.10 -1.04 0.00	50.17 -0.71 0.00
ST_LAW_115_BK8_LBMP 345038	54.25 -0.44 0.00	52.42 -0.37 0.00	49.50 -0.35 0.00	48.72 -0.19 0.00	47.66 -0.14 0.00	46.37 -0.09 0.00	48.08 -0.19 0.00	49.97 -0.30 0.00	52.24 -0.37 0.00	54.31 -0.55 0.00	59.44 -0.78 0.00	64.60 -0.98 0.00	75.33 -1.30 0.00	82.35 -2.28 0.00	89.57 -2.77 0.00	107.86 -3.68 0.00	114.07 -4.02 0.00	120.91 -4.12 0.00	128.96 -3.98 0.00	107.52 -3.10 0.00	85.05 -2.18 0.00	66.64 -1.09 0.00	57.10 -1.04 0.00	50.17 -0.71 0.00
ST_LAW_230_BK5_LBMP 345035	54.31 -0.38 0.00	52.47 -0.31 0.00	49.55 -0.30 0.00	48.72 -0.19 0.00	47.66 -0.14 0.00	46.37 -0.09 0.00	48.08 -0.19 0.00	50.02 -0.25 0.00	52.29 -0.31 0.00	54.36 -0.49 0.00	59.51 -0.72 0.00	64.66 -0.92 0.00	75.49 -1.15 0.00	82.52 -2.11 0.00	89.75 -2.58 0.00	108.08 -3.46 0.00	114.43 -3.66 0.00	121.28 -3.75 0.00	129.23 -3.72 0.00	107.74 -2.88 0.00	85.22 -2.00 0.00	66.71 -1.01 0.00	57.15 -0.99 0.00	50.22 -0.66 0.00
ST_LAW_230_BK6_LBMP 345036	54.31 -0.38 0.00	52.47 -0.31 0.00	49.55 -0.30 0.00	48.72 -0.19 0.00	47.66 -0.14 0.00	46.37 -0.09 0.00	48.08 -0.19 0.00	50.02 -0.25 0.00	52.29 -0.31 0.00	54.36 -0.49 0.00	59.51 -0.72 0.00	64.66 -0.92 0.00	75.49 -1.15 0.00	82.52 -2.11 0.00	89.75 -2.58 0.00	108.08 -3.46 0.00	114.43 -3.66 0.00	121.28 -3.75 0.00	129.23 -3.72 0.00	107.74 -2.88 0.00	85.22 -2.00 0.00	66.71 -1.01 0.00	57.15 -0.99 0.00	50.22 -0.66 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	56.33 1.64 0.00	54.31 1.53 0.00	51.14 1.30 0.00	50.04 1.12 0.00	48.85 1.05 0.00	47.67 1.21 0.00	49.72 1.45 0.00	52.03 1.76 0.00	54.55 1.95 0.00	57.22 2.36 0.00	63.18 2.95 0.00	68.73 3.15 0.00	81.16 4.52 0.00	90.89 6.26 0.00	99.54 7.20 0.00	121.73 9.37 -0.83	181.96 10.16 -53.72	226.52 11.13 -90.37	146.57 11.17 -2.46	121.53 8.52 -2.40	93.16 5.93 0.00	71.04 3.32 0.00	60.93 2.79 0.00	53.13 2.24 0.00
SWANROAD_115KV_TB1 355699	48.72 -4.70 1.27	45.65 -5.49 1.65	43.99 -5.13 0.73	43.63 -4.84 0.44	42.92 -4.88 0.01	40.29 -5.11 1.06	39.82 -4.49 3.96	41.69 -4.02 4.55	40.73 -3.58 8.30	45.23 -3.68 5.95	50.17 -4.28 5.78	54.72 -4.46 6.40	62.61 -6.44 7.59	65.07 -6.85 12.71	71.77 -7.76 12.81	81.12 -10.26 20.15	86.01 -11.81 20.27	86.25 -13.13 25.65	93.34 -13.96 25.65	85.25 -10.40 14.96	68.43 -8.46 10.33	56.17 -5.69 5.86	49.12 -5.99 3.03	43.82 -5.19 1.88
SYNERGY___BIOGAS 323694	51.46 -1.91 1.31	48.63 -2.64 1.52	46.63 -2.54 0.67	46.06 -2.40 0.46	45.31 -2.49 0.01	42.93 -2.56 0.97	42.93 -2.32 3.02	44.81 -1.81 3.65	44.81 -1.42 6.38	48.88 -1.43 4.55	53.79 -1.81 4.63	58.58 -1.71 5.29	66.91 -3.30 6.43	70.87 -3.39 10.37	77.35 -4.06 10.92	90.27 -5.24 16.02	96.02 -6.14 15.92	98.19 -7.25 19.59	106.65 -7.18 19.12	93.14 -4.76 12.72	73.56 -4.19 9.48	59.82 -2.51 5.40	52.31 -2.79 3.04	46.25 -2.70 1.94
SYRACUSE___ENERGY_ST1 323597	55.74 -0.16 -1.21	53.91 -0.37 -1.50	51.20 -0.40 -1.75	50.08 -0.44 -1.61	49.42 -0.43 -2.05	47.03 -0.33 -0.89	49.48 -0.29 -1.50	51.03 -0.20 -0.96	53.65 -0.11 -1.14	56.29 -0.05 -1.48	61.70 -0.12 -1.60	66.99 0.00 -1.41	78.93 -0.15 -2.45	87.56 0.17 -2.76	94.63 0.37 -1.92	117.58 0.56 -5.49	123.27 0.24 -4.94	129.77 -0.25 -4.99	140.13 -0.13 -7.31	113.96 0.00 -3.35	87.05 -0.17 0.00	67.32 -0.41 0.00	57.74 -0.41 0.00	50.48 -0.41 0.00
SYRACUSE___ENERGY_ST2 323598	55.74 -0.16 -1.21	53.91 -0.37 -1.50	51.20 -0.40 -1.75	50.08 -0.44 -1.61	49.42 -0.43 -2.05	47.03 -0.33 -0.89	49.48 -0.29 -1.50	51.03 -0.20 -0.96	53.65 -0.11 -1.14	56.29 -0.05 -1.48	61.70 -0.12 -1.60	66.99 0.00 -1.41	78.93 -0.15 -2.45	87.56 0.17 -2.76	94.63 0.37 -1.92	117.58 0.56 -5.49	123.27 0.24 -4.94	129.77 -0.25 -4.99	140.13 -0.13 -7.31	113.96 0.00 -3.35	87.05 -0.17 0.00	67.32 -0.41 0.00	57.74 -0.41 0.00	50.48 -0.41 0.00
SYRACUSE___POWER 24017	54.78 -0.33 -0.42	52.93 -0.53 -0.67	50.36 -0.50 -1.01	49.25 -0.59 -0.93	48.63 -0.53 -1.35	46.38 -0.46 -0.39	48.67 -0.43 -0.84	50.26 -0.30 -0.30	52.80 -0.21 -0.41	55.45 -0.16 -0.75	60.61 -0.24 -0.63	65.74 -0.13 -0.29	77.03 -0.31 -0.70	85.29 0.00 -0.66	92.12 0.18 0.40	113.90 0.33 -2.03	119.92 0.00 -1.83	126.64 -0.38 -1.99	136.63 -0.27 -3.95	110.87 -0.11 -0.36	84.92 -0.35 1.96	66.06 -0.54 1.13	56.86 -0.47 0.82	49.82 -0.51 0.56
TALLMAN__138KV_BK151 55660	56.44 1.75 0.00	54.37 1.58 0.00	51.24 1.40 0.00	50.08 1.17 0.00	48.90 1.10 0.00	47.76 1.30 0.00	49.81 1.54 0.00	52.23 1.96 0.00	54.82 2.21 0.00	57.55 2.69 0.00	63.54 3.31 0.00	69.12 3.54 0.00	81.70 5.06 0.00	91.74 7.11 0.00	100.37 8.03 0.00	122.92 10.48 -0.90	163.84 11.57 -34.18	194.37 12.63 -56.71	148.11 12.50 -2.66	122.73 9.51 -2.60	93.86 6.63 0.00	71.45 3.72 0.00	61.28 3.14 0.00	53.38 2.49 0.00
TEALLAVE_115KV_TB7 355573	54.28 -0.55 -0.14	52.42 -0.74 -0.38	49.91 -0.70 -0.76	48.83 -0.78 -0.70	48.20 -0.72 -1.12	46.02 -0.65 -0.21	48.25 -0.63 -0.61	49.77 -0.55 -0.06	52.33 -0.42 -0.15	54.97 -0.38 -0.50	60.03 -0.48 -0.29	65.07 -0.39 0.12	76.10 -0.61 -0.08	84.12 -0.42 0.08	90.81 -0.28 1.25	112.12 -0.22 -0.80	118.23 -0.59 -0.73	124.96 -1.00 -0.93	134.67 -1.06 -2.78	109.02 -0.88 0.71	83.75 -0.79 2.69	65.29 -0.88 1.55	56.32 -0.70 1.13	49.40 -0.71 0.77
TELGRAPH_34_KV_EAST 80808	50.22 -3.17 1.29	47.30 -3.91 1.58	45.46 -3.69 0.70	44.99 -3.47 0.45	44.25 -3.54 0.01	41.73 -3.72 1.01	41.45 -3.38 3.44	43.35 -2.87 4.05	42.95 -2.42 7.23	47.21 -2.47 5.18	52.13 -2.95 5.14	56.85 -2.95 5.78	65.02 -4.67 6.94	68.26 -4.99 11.37	74.91 -5.72 11.70	86.39 -7.47 17.67	91.82 -8.62 17.65	93.05 -10.00 21.98	101.03 -10.24 21.68	89.52 -7.41 13.69	71.18 -6.19 9.85	58.06 -4.06 5.61	50.98 -4.13 3.04	45.26 -3.71 1.91

TEMPLE___115KV_TB 2 55572	54.32 -0.49 -0.13	52.47 -0.69 -0.37	49.91 -0.70 -0.75	48.87 -0.73 -0.69	48.20 -0.72 -1.11	46.02 -0.65 -0.21	48.30 -0.58 -0.61	49.81 -0.50 -0.05	52.32 -0.42 -0.14	55.02 -0.33 -0.49	60.08 -0.42 -0.27	65.12 -0.33 0.13	76.15 -0.54 -0.05	84.17 -0.34 0.12	90.85 -0.18 0.29	112.18 -0.11 -0.76	118.30 -0.47 -0.69	125.05 -0.88 -0.89	134.77 -0.93 -2.75	109.08 -0.77 0.76	83.70 -0.79 2.74	65.33 -0.81 1.58	56.30 -0.70 1.15	49.44 -0.66 0.79
TIANA___69_KV_BK 1 55817	58.36 3.66 -0.01	56.43 3.64 0.00	53.94 4.09 0.00	52.33 3.42 0.00	50.67 2.87 0.00	48.64 2.18 0.00	50.73 2.46 0.00	53.53 3.27 0.00	55.87 3.26 0.00	58.14 3.29 0.01	65.97 4.76 -0.99	72.48 6.89 -0.01	90.35 9.12 -4.59	102.54 12.02 -5.89	124.28 13.48 -18.47	168.38 17.18 -39.67	331.95 18.66 -195.21	301.54 19.50 -157.00	238.68 20.21 -85.53	182.03 16.15 -55.26	147.66 11.95 -48.49	97.39 7.86 -21.81	67.20 4.94 -4.12	56.84 5.65 -0.31
TILDEN___115KV_TB1 80814	54.78 -0.33 -0.42	52.93 -0.53 -0.67	50.36 -0.50 -1.01	49.25 -0.59 -0.93	48.63 -0.53 -1.35	46.38 -0.46 -0.39	48.67 -0.43 -0.84	50.26 -0.30 -0.30	52.80 -0.21 -0.41	55.45 -0.16 -0.75	60.61 -0.24 -0.63	65.74 -0.13 -0.29	77.03 -0.31 -0.70	85.29 0.00 -0.66	92.12 0.18 0.40	113.90 0.33 -2.03	119.92 0.00 -1.83	126.64 -0.38 -1.99	136.63 -0.27 -3.95	110.87 -0.11 -0.36	84.92 -0.35 1.96	66.06 -0.54 1.13	56.86 -0.47 0.82	49.82 -0.51 0.56
TRIGEN___CC 323695	56.71 2.02 0.00	54.89 2.11 0.00	52.19 2.34 0.00	50.92 2.01 0.00	49.52 1.72 0.00	48.04 1.58 0.00	50.15 1.88 0.00	52.63 2.36 0.00	54.87 2.26 0.00	57.16 2.30 0.01	63.54 3.31 0.00	70.24 4.66 0.00	83.15 6.51 -5.90	99.42 8.89 -3.97	106.09 9.79 -14.50	138.87 12.83 -43.45	175.71 14.17 -66.80	207.08 15.25 -35.83	184.07 15.29 -18.69	141.14 11.84 -8.49	104.18 8.46 0.00	72.87 5.15 0.00	61.34 3.20 0.00	54.50 3.61 0.00
TRINITY___115KV___ 4 BK 55933	52.64 0.82 2.87	50.53 1.00 3.25	48.42 0.90 2.32	47.68 0.78 2.02	48.44 0.67 0.03	47.11 0.65 0.00	48.90 0.63 0.00	50.67 0.40 0.00	52.77 0.16 0.00	55.02 0.16 0.00	60.59 0.36 0.00	66.04 0.46 0.00	77.48 0.84 0.00	86.24 1.61 0.00	94.64 2.31 0.00	109.91 2.90 4.52	106.06 3.31 15.34	112.11 3.63 16.55	123.53 3.72 13.14	100.99 3.21 12.83	86.99 2.36 2.59	68.94 1.22 0.00	59.04 1.16 0.27	51.95 1.07 0.00
UNION___PROCESSING_DRP 323587	52.10 -1.20 1.38	49.70 -1.79 1.29	47.58 -1.69 0.57	46.82 -1.61 0.48	45.88 -1.91 0.01	43.65 -2.00 0.81	44.69 -2.27 1.31	46.32 -1.96 1.99	48.12 -1.63 2.86	51.34 -1.54 1.99	55.96 -1.75 2.52	60.66 -1.64 3.28	69.55 -2.76 4.33	75.69 -2.88 6.06	81.35 -3.32 7.66	98.37 -4.13 9.04	104.89 -4.61 8.59	109.88 -5.75 9.40	118.80 -5.98 8.17	97.66 -4.31 8.64	75.54 -3.75 7.94	60.94 -2.23 4.55	53.36 -1.74 3.04	47.01 -1.83 2.04
UPPER HUDSON___HYD 24058	62.76 2.13 -5.94	61.78 2.27 -6.73	56.85 2.19 -4.81	55.10 2.01 -4.18	49.77 1.91 -0.06	48.37 1.91 0.00	50.30 2.03 0.00	52.13 1.86 0.00	54.18 1.58 0.00	56.23 1.37 0.00	61.97 1.75 0.00	68.01 2.43 0.00	79.71 3.07 0.00	89.03 4.40 0.00	97.69 5.35 0.00	123.24 7.14 -4.55	140.86 7.32 -15.44	149.43 7.88 -16.52	153.82 7.84 -13.03	129.64 6.30 -12.72	98.26 5.67 -5.37	71.79 4.06 0.00	62.13 3.43 -0.56	53.58 2.70 0.00
UPPER RAQUET___HYD 24056	54.03 -0.65 0.00	52.47 -0.31 0.00	49.55 -0.30 0.00	48.81 -0.10 0.00	47.75 -0.05 0.00	46.51 0.05 0.00	48.13 -0.14 0.00	49.97 -0.30 0.00	52.08 -0.53 0.00	54.04 -0.82 0.00	59.02 -1.20 0.00	63.68 -1.90 0.00	74.03 -2.61 0.00	80.40 -4.23 0.00	87.07 -5.26 0.00	104.62 -6.92 0.00	110.42 -7.67 0.00	117.40 -7.63 0.00	125.90 -7.05 0.00	105.20 -5.42 0.00	83.65 -3.58 0.00	65.90 -1.83 0.00	56.52 -1.63 0.00	49.97 -0.91 0.00
VALLEY44___115KV_TB2 355964	49.26 -4.32 1.10	46.63 -4.59 1.56	44.68 -4.49 0.68	43.93 -4.60 0.38	44.88 -2.92 0.01	42.85 -2.60 1.01	43.07 -1.01 4.18	45.22 -0.35 4.69	44.02 0.16 8.74	48.95 0.38 6.29	54.63 0.36 5.96	59.73 0.59 6.45	69.10 0.00 7.54	73.40 0.17 11.40	81.13 0.37 11.57	93.91 -0.22 17.40	99.19 -1.54 17.37	101.44 -2.00 21.58	110.36 -1.33 21.26	97.02 -0.44 13.15	77.00 -0.44 9.79	58.64 -3.52 5.57	50.38 -5.06 2.70	44.47 -4.78 1.63
VALLEY___115KV_TB 1-4 80826	55.23 0.55 0.00	53.36 0.58 0.00	50.40 0.55 0.00	49.40 0.49 0.00	48.33 0.53 0.00	46.97 0.51 0.00	48.85 0.58 0.00	50.87 0.60 0.00	53.29 0.68 0.00	55.57 0.71 0.00	61.07 0.84 0.00	66.57 0.98 0.00	77.71 1.07 0.00	86.07 1.44 0.00	94.00 1.66 0.00	113.21 1.67 0.00	119.15 1.06 0.00	126.28 1.25 0.00	134.28 1.33 0.00	111.50 0.88 0.00	87.66 0.44 0.00	67.79 0.07 0.00	58.14 0.00 0.00	50.84 -0.05 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	56.73 1.80 -0.24	54.93 1.85 -0.29	51.94 1.74 -0.34	50.94 1.71 -0.32	49.97 1.77 -0.40	48.31 1.67 -0.17	50.36 1.79 -0.30	52.37 1.91 -0.19	55.00 2.16 -0.24	57.41 2.25 -0.30	63.20 2.65 -0.32	68.88 3.02 -0.29	80.58 3.45 -0.49	89.92 4.74 -0.55	98.20 5.45 -0.42	119.08 6.36 -1.18	125.32 6.14 -1.09	132.81 6.63 -1.15	141.89 7.31 -1.63	116.94 5.64 -0.69	91.50 4.27 0.00	70.50 2.78 0.00	60.29 2.15 0.00	52.62 1.73 0.00
VISCHER___FERRY HYD 24020	66.89 1.86 -10.34	66.40 1.90 -11.72	60.01 1.79 -8.37	57.89 1.71 -7.27	49.48 1.58 -0.10	47.90 1.44 0.00	49.77 1.50 0.00	51.63 1.36 0.00	53.82 1.21 0.00	56.06 1.21 0.00	61.61 1.39 0.00	67.22 1.64 0.00	78.71 2.07 0.00	87.59 2.96 0.00	96.12 3.79 0.00	124.36 4.79 -8.03	150.65 5.32 -27.25	160.08 5.88 -29.17	162.17 5.99 -23.23	138.60 5.31 -22.67	100.67 4.10 -9.34	70.36 2.64 0.00	61.38 2.27 -0.98	52.92 2.04 0.00
V_A_10_SYNC_DSASP 323832	50.51 -2.79 1.39	47.68 -3.54 1.56	45.82 -3.34 0.69	45.35 -3.08 0.48	44.35 -3.44 0.01	41.79 -3.67 1.00	41.20 -4.05 3.02	42.88 -3.72 3.67	42.86 -3.37 6.38	46.91 -3.40 4.55	51.71 -3.85 4.66	56.28 -3.93 5.37	64.57 -5.52 6.55	68.10 -6.01 10.52	74.36 -6.74 11.24	86.48 -8.59 16.47	92.17 -9.57 16.36	93.92 -11.00 20.11	101.90 -11.43 19.61	89.21 -8.63 12.78	70.39 -7.07 9.77	57.56 -4.61 5.56	51.28 -3.66 3.20	45.47 -3.36 2.05
V_CMM_10_SYNC_DSASP 323787	54.25 -0.44 0.00	52.41 -0.37 0.00	49.60 -0.25 0.00	48.91 0.00 0.00	47.85 0.05 0.00	46.55 0.09 0.00	48.32 0.05 0.00	50.02 -0.25 0.00	52.24 -0.37 0.00	54.26 -0.60 0.00	59.38 -0.84 0.00	64.60 -0.98 0.00	75.41 -1.23 0.00	82.34 -2.28 0.00	89.47 -2.86 0.00	107.86 -3.68 0.00	113.96 -4.13 0.00	120.90 -4.13 0.00	129.09 -3.86 0.00	107.63 -2.99 0.00	85.13 -2.09 0.00	66.78 -0.95 0.00	57.10 -1.05 0.00	50.28 -0.61 0.00
V_CMP_10_SYNC_DSASP 323788	54.91 0.22 0.00	52.94 0.16 0.00	50.00 0.15 0.00	49.20 0.29 0.00	48.13 0.33 0.00	46.83 0.37 0.00	48.70 0.43 0.00	50.72 0.45 0.00	53.03 0.42 0.00	54.75 -0.11 0.00	59.20 -1.02 0.00	64.01 -1.57 0.00	74.72 -1.92 0.00	81.67 -2.96 0.00	88.64 -3.69 0.00	106.74 -4.80 0.00	112.66 -5.43 0.00	119.40 -5.63 0.00	127.37 -5.58 0.00	106.41 -4.20 0.00	83.91 -3.31 0.00	65.63 -2.10 0.00	56.57 -1.57 0.00	50.33 -0.56 0.00

V_D_10_SYNC_DSASP 323841	54.63 -0.05 0.00	52.78 0.00 0.00	49.85 0.00 0.00	49.06 0.15 0.00	48.04 0.24 0.00	46.74 0.28 0.00	48.51 0.24 0.00	50.32 0.05 0.00	52.55 -0.05 0.00	54.58 -0.27 0.00	59.74 -0.48 0.00	64.86 -0.72 0.00	75.72 -0.92 0.00	82.60 -2.03 0.00	89.66 -2.68 0.00	108.08 -3.46 0.00	114.19 -3.90 0.00	121.15 -3.88 0.00	129.49 -3.46 0.00	108.07 -2.54 0.00	85.48 -1.74 0.00	67.05 -0.68 0.00	57.45 -0.70 0.00	50.53 -0.36 0.00
V_E_10_SYNC_DSASP 323830	58.50 3.55 -0.26	56.59 3.22 -0.58	53.56 2.99 -0.72	52.39 2.89 -0.60	51.73 3.06 -0.87	49.93 3.11 -0.35	53.37 3.57 -1.53	55.15 3.72 -1.16	58.80 3.89 -2.30	60.50 3.68 -1.97	65.72 3.85 -1.64	71.29 4.33 -1.38	82.80 4.44 -1.72	93.17 5.67 -2.87	100.44 6.37 -1.74	124.26 7.25 -5.47	130.24 6.61 -5.54	139.45 7.13 -7.30	150.83 8.91 -8.98	120.38 7.19 -2.57	92.39 5.41 0.25	71.14 3.59 0.17	60.18 2.50 0.46	52.50 1.98 0.37
V_F_30_NSYNC___DSASP 323816	63.75 2.52 -6.55	62.84 2.64 -7.42	57.59 2.44 -5.30	55.82 2.30 -4.61	50.06 2.20 -0.06	48.60 2.14 0.00	50.49 2.22 0.00	52.33 2.06 0.00	54.45 1.84 0.00	56.67 1.81 0.00	62.27 2.05 0.00	68.07 2.49 0.00	79.78 3.14 0.00	88.86 4.23 0.00	97.50 5.17 0.00	123.13 6.69 -4.90	142.01 7.32 -16.60	150.67 7.88 -17.76	155.43 8.38 -14.10	131.35 6.97 -13.77	98.73 5.58 -5.92	71.65 3.93 0.00	62.08 3.31 -0.62	53.48 2.60 0.00
V_F_30_SYNC_DSASP 323786	58.52 1.09 -2.74	57.10 1.21 -3.11	53.16 1.10 -2.22	51.82 0.98 -1.93	48.74 0.91 -0.03	47.34 0.88 0.00	49.09 0.82 0.00	50.92 0.65 0.00	52.87 0.26 0.00	55.13 0.27 0.00	60.71 0.48 0.00	66.24 0.66 0.00	77.63 1.00 0.00	86.49 1.86 0.00	94.92 2.59 0.00	115.54 3.35 -0.65	124.09 3.78 -2.22	131.47 4.13 -2.31	139.30 4.52 -1.83	116.28 3.87 -1.79	92.49 2.79 -2.48	69.35 1.63 0.00	59.86 1.45 -0.26	52.16 1.27 0.00
V_XM_10_SYNC_DSASP 323789	54.91 0.22 0.00	52.94 0.16 0.00	50.00 0.15 0.00	49.20 0.29 0.00	48.13 0.33 0.00	46.83 0.37 0.00	48.70 0.43 0.00	50.72 0.45 0.00	53.03 0.42 0.00	54.75 -0.11 0.00	59.20 -1.02 0.00	64.01 -1.57 0.00	74.72 -1.92 0.00	81.67 -2.96 0.00	88.64 -3.69 0.00	106.74 -4.80 0.00	112.66 -5.43 0.00	119.40 -5.63 0.00	127.37 -5.58 0.00	106.41 -4.20 0.00	83.91 -3.31 0.00	65.63 -2.10 0.00	56.57 -1.57 0.00	50.33 -0.56 0.00
W.BABYLN_69_KV_BK1 56697	57.86 3.17 0.00	56.06 3.27 0.00	53.44 3.59 0.00	52.09 3.18 0.00	50.52 2.72 0.00	48.88 2.42 0.00	51.02 2.75 0.00	53.59 3.32 0.00	55.76 3.16 0.00	57.92 3.07 0.01	65.40 4.46 -0.72	71.75 6.16 0.00	85.86 8.28 -0.94	101.53 11.00 -5.90	111.00 12.37 -6.30	146.19 16.06 -18.59	199.92 17.83 -64.00	224.77 19.25 -80.48	195.92 19.41 -43.56	149.82 15.04 -24.16	111.79 10.90 -13.66	77.58 6.98 -2.88	63.03 4.36 -0.52	56.01 5.09 -0.04
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	56.60 1.91 0.00	54.58 1.79 0.00	51.39 1.55 0.00	50.28 1.37 0.00	49.09 1.29 0.00	47.95 1.49 0.00	50.01 1.74 0.00	52.43 2.16 0.00	55.03 2.42 0.00	57.71 2.85 0.00	63.78 3.55 0.00	69.39 3.80 0.00	82.00 5.36 0.00	92.08 7.45 0.00	100.74 8.40 0.00	123.39 10.93 -0.92	157.04 12.05 -26.90	182.22 13.00 -44.19	148.71 13.03 -2.73	123.23 9.96 -2.66	94.12 6.89 0.00	71.65 3.93 0.00	61.46 3.31 0.00	53.53 2.65 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	57.04 2.35 0.00	54.95 2.16 0.00	51.64 1.79 0.00	50.48 1.57 0.00	49.28 1.48 0.00	48.23 1.77 0.00	50.39 2.12 0.00	52.93 2.66 0.00	55.66 3.05 0.00	58.43 3.57 0.00	64.44 4.22 0.00	69.91 4.33 0.00	82.85 6.21 0.00	93.26 8.63 0.00	101.67 9.33 -0.01	124.93 12.38 -1.01	147.77 13.70 -15.98	165.06 14.75 -25.28	150.40 14.49 -2.96	124.35 10.84 -2.89	94.73 7.50 0.00	72.06 4.33 0.00	62.10 3.95 0.00	54.09 3.21 0.00
W50THST__13_KV_LOAD 356117	57.31 2.62 0.00	55.21 2.43 0.00	51.89 2.04 0.00	50.72 1.81 0.00	49.52 1.72 0.00	48.46 2.00 0.00	50.68 2.41 0.00	53.28 3.02 0.00	56.03 3.42 0.00	58.86 4.00 0.00	64.98 4.76 0.00	70.44 4.85 0.00	83.54 6.90 0.00	93.94 9.31 0.00	102.41 10.06 -0.01	126.05 13.50 -1.01	148.95 14.88 -15.98	166.19 15.88 -25.28	151.47 15.56 -2.96	125.23 11.73 -2.89	95.34 8.11 0.00	72.47 4.74 0.00	62.45 4.30 0.00	54.40 3.51 0.00
WADING RIVER_IC_1 23522	57.59 2.90 -0.01	55.74 2.95 0.00	53.34 3.49 0.00	51.85 2.93 0.00	50.19 2.39 0.00	48.13 1.67 0.00	50.15 1.88 0.00	53.03 2.76 0.00	55.13 2.53 0.00	57.38 2.52 0.01	64.89 3.67 -0.99	71.10 5.51 -0.01	88.89 7.66 -4.59	100.67 10.15 -5.89	121.85 11.08 -18.44	165.54 14.39 -39.61	328.45 15.59 -194.77	298.32 16.50 -156.79	235.56 17.16 -85.45	179.76 13.94 -55.21	146.05 10.46 -48.36	96.38 6.91 -21.74	66.61 4.36 -4.10	55.47 4.27 -0.30
WADING RIVER_IC_2 23547	57.59 2.90 -0.01	55.74 2.95 0.00	53.34 3.49 0.00	51.85 2.93 0.00	50.19 2.39 0.00	48.13 1.67 0.00	50.15 1.88 0.00	53.03 2.76 0.00	55.13 2.53 0.00	57.38 2.52 0.01	64.89 3.67 -0.99	71.10 5.51 -0.01	88.89 7.66 -4.59	100.67 10.15 -5.89	121.85 11.08 -18.44	165.54 14.39 -39.61	328.45 15.59 -194.77	298.32 16.50 -156.79	235.56 17.16 -85.45	179.76 13.94 -55.21	146.05 10.46 -48.36	96.38 6.91 -21.74	66.61 4.36 -4.10	55.47 4.27 -0.30
WADING RIVER_IC_3 23601	57.59 2.90 -0.01	55.74 2.95 0.00	53.34 3.49 0.00	51.85 2.93 0.00	50.19 2.39 0.00	48.13 1.67 0.00	50.15 1.88 0.00	53.03 2.76 0.00	55.13 2.53 0.00	57.38 2.52 0.01	64.89 3.67 -0.99	71.10 5.51 -0.01	88.89 7.66 -4.59	100.67 10.15 -5.89	121.85 11.08 -18.44	165.54 14.39 -39.61	328.45 15.59 -194.77	298.32 16.50 -156.79	235.56 17.16 -85.45	179.76 13.94 -55.21	146.05 10.46 -48.36	96.38 6.91 -21.74	66.61 4.36 -4.10	55.47 4.27 -0.30
WALDENNY_12_KV_BK2 80841	50.21 -3.28 1.20	47.02 -4.01 1.75	45.29 -3.79 0.77	44.87 -3.62 0.42	44.54 -3.25 0.01	41.98 -3.35 1.14	40.47 -2.90 4.90	42.45 -2.36 5.45	40.58 -1.79 10.24	45.68 -1.81 7.37	51.19 -2.11 6.92	56.10 -2.03 7.44	64.68 -3.30 8.67	67.18 -3.64 13.81	74.62 -4.25 13.47	84.98 -5.69 20.87	90.19 -6.97 20.94	90.44 -8.25 26.34	98.36 -8.38 26.21	89.31 -5.97 15.33	71.30 -4.88 11.05	57.19 -4.27 6.27	50.76 -4.42 2.97	45.14 -3.97 1.78
WALDEN___HYDRO 24148	56.71 2.02 0.00	54.68 1.90 0.00	51.49 1.65 0.00	50.38 1.47 0.00	49.19 1.39 0.00	47.99 1.53 0.00	50.01 1.74 0.00	52.33 2.06 0.00	54.87 2.26 0.00	57.49 2.63 0.00	63.48 3.25 0.00	69.12 3.54 0.00	81.54 4.90 0.00	91.40 6.77 0.00	100.09 7.76 0.00	122.22 10.04 -0.64	140.69 10.86 -11.74	155.93 12.00 -18.90	147.18 12.23 -2.00	121.97 9.40 -1.96	93.86 6.63 0.00	71.52 3.79 0.00	61.34 3.20 0.00	53.38 2.49 0.00
WARRENSBURG____ 23737	62.76 2.13 -5.94	61.79 2.27 -6.73	56.85 2.19 -4.81	55.09 2.01 -4.18	49.77 1.91 -0.06	48.37 1.90 0.00	50.30 2.03 0.00	52.13 1.86 0.00	54.13 1.53 0.00	56.23 1.37 0.00	61.97 1.75 0.00	68.01 2.43 0.00	79.70 3.07 0.00	89.03 4.40 0.00	97.78 5.45 0.00	123.34 7.25 -4.55	140.85 7.32 -15.44	149.42 7.88 -16.52	154.13 7.98 -13.21	129.81 6.31 -12.89	98.35 5.76 -5.37	71.79 4.06 0.00	62.19 3.49 -0.56	53.43 2.54 0.00

WATERSIDE___6 8 9 23538	57.09 2.41 0.00	55.01 2.22 -0.01	51.69 1.84 0.00	50.52 1.61 0.00	49.38 1.58 0.00	48.32 1.86 0.00	50.45 2.17 -0.01	52.99 2.71 -0.01	55.67 3.05 -0.01	58.43 3.57 -0.01	64.45 4.22 -0.01	69.58 4.00 0.00	82.54 5.90 0.00	92.92 8.29 0.00	101.11 8.77 0.00	124.27 11.71 -1.02	158.31 12.87 -27.35	164.26 14.00 -25.23	149.74 13.83 -2.96	123.80 10.29 -2.89	94.29 7.07 0.00	71.79 4.06 0.00	62.15 4.01 0.00	54.20 3.31 -0.01
WATKINRD_115KV_LN8_ILLION 55919	55.07 0.38 0.00	53.21 0.42 0.00	50.20 0.35 0.00	49.25 0.34 0.00	48.13 0.33 0.00	46.83 0.37 0.00	48.66 0.39 0.00	50.67 0.40 0.00	53.03 0.42 0.00	55.30 0.44 0.00	60.77 0.54 0.00	66.17 0.59 0.00	77.33 1.02 0.00	85.64 1.20 0.00	93.53 1.34 0.00	112.88 1.94 0.00	119.03 0.94 0.00	126.15 1.13 0.00	134.15 1.20 0.00	111.39 0.77 0.00	87.75 0.52 0.00	67.86 0.14 0.00	58.26 0.12 0.00	50.94 0.05 0.00
WDELAWARE___HYD 323627	56.04 2.02 0.68	53.86 1.85 0.77	50.90 1.59 0.55	49.90 1.47 0.47	49.13 1.34 0.01	47.90 1.44 0.00	49.96 1.69 0.00	52.28 2.01 0.00	54.82 2.21 0.00	57.38 2.52 0.00	63.35 3.13 0.00	69.06 3.47 0.00	81.31 4.68 0.00	90.98 6.35 0.00	99.54 7.21 0.00	121.01 9.48 0.00	128.25 10.16 0.00	136.40 11.38 0.00	145.32 12.37 0.00	120.01 9.40 0.00	93.16 6.55 0.61	71.52 3.79 0.00	61.22 3.14 0.06	53.28 2.39 0.00
WEST BABYLON___IC 23714	57.86 3.17 0.00	56.06 3.27 0.00	53.44 3.59 0.00	52.09 3.18 0.00	50.52 2.72 0.00	48.88 2.42 0.00	51.02 2.75 0.00	53.59 3.32 0.00	55.76 3.16 0.00	57.92 3.07 0.01	65.40 4.46 -0.72	71.75 6.16 0.00	85.86 8.28 -0.94	101.53 11.00 -5.90	111.00 12.37 -6.30	146.19 16.06 -18.59	199.92 17.83 -64.00	224.77 19.25 -80.48	195.92 19.41 -43.56	149.82 15.04 -24.16	111.79 10.90 -13.66	77.58 6.98 -2.88	63.03 4.36 -0.52	56.01 5.09 -0.04
WEST CANADA___HYD 24049	54.80 0.11 0.00	52.94 0.16 0.00	49.95 0.10 0.00	49.01 0.10 0.00	47.90 0.10 0.00	46.55 0.09 0.00	48.37 0.10 0.00	50.32 0.05 0.00	52.71 0.11 0.00	54.97 0.11 0.00	60.35 0.12 0.00	65.71 0.13 0.00	76.87 0.23 0.00	85.14 0.51 0.00	92.98 0.65 0.00	112.32 0.79 0.00	118.80 0.71 0.00	125.78 0.75 0.00	133.75 0.80 0.00	111.28 0.67 0.00	87.67 0.44 0.00	67.93 0.20 0.00	58.32 0.17 0.00	51.04 0.15 0.00
WESTERN_NY_WIND 24143	51.31 -2.08 1.30	48.45 -2.80 1.54	46.53 -2.64 0.68	45.96 -2.49 0.45	45.16 -2.63 0.01	42.78 -2.69 0.99	42.67 -2.41 3.19	44.55 -1.91 3.80	44.37 -1.53 6.71	48.53 -1.54 4.80	53.47 -1.93 4.83	58.26 -1.84 5.49	66.56 -3.45 6.63	70.31 -3.55 10.76	76.86 -4.25 11.22	89.29 -5.58 16.67	95.11 -6.38 16.60	97.01 -7.50 20.52	105.39 -7.45 20.12	92.54 -4.98 13.10	73.24 -4.36 9.63	59.54 -2.71 5.48	52.20 -2.91 3.04	46.16 -2.80 1.93
WESTOVER___LESR 323668	54.74 -0.11 -0.17	52.90 -0.32 -0.43	50.12 -0.35 -0.62	49.05 -0.39 -0.53	48.48 -0.14 -0.82	46.62 -0.09 -0.26	49.62 0.24 -1.11	51.39 0.40 -0.72	54.66 0.58 -1.48	56.93 0.71 -1.35	62.08 0.78 -1.08	67.36 0.98 -0.80	78.67 1.00 -1.03	87.94 1.61 -1.70	95.05 2.03 -0.69	117.51 2.34 -3.63	123.78 2.01 -3.68	131.82 1.88 -4.92	141.70 2.26 -6.49	113.93 1.99 -1.32	87.64 1.40 0.98	67.41 0.27 0.58	57.27 -0.23 0.64	50.06 -0.36 0.47
WETHRSFD_WT_PWR 323626	51.28 -2.40 1.00	46.67 -3.17 2.95	45.58 -2.99 1.28	45.73 -2.84 0.35	45.21 -2.58 0.01	41.76 -2.74 1.96	32.54 -2.51 13.22	34.43 -2.26 13.58	23.09 -2.11 27.41	32.79 -2.20 19.87	40.39 -2.59 17.24	45.59 -2.63 17.37	53.64 -3.91 19.09	45.85 -3.98 34.80	58.34 -4.15 29.84	50.60 -5.35 55.59	54.15 -6.61 57.33	40.76 -7.50 76.77	45.58 -7.05 80.32	71.02 -4.86 34.73	63.72 -4.54 18.97	53.72 -3.38 10.62	51.66 -3.25 3.23	46.20 -3.20 1.48
WHAVSTOR_138KV_BK127 55557	56.33 1.64 0.00	54.31 1.53 0.00	51.14 1.30 0.00	50.04 1.12 0.00	48.85 1.05 0.00	47.71 1.25 0.00	49.77 1.50 0.00	52.18 1.91 0.00	54.71 2.10 0.00	57.38 2.52 0.00	63.36 3.13 0.00	68.93 3.34 0.00	81.47 4.83 0.00	91.48 6.85 0.00	100.00 7.66 0.00	122.61 10.15 -0.93	154.96 11.22 -25.65	179.31 12.25 -42.03	147.79 12.10 -2.74	122.47 9.18 -2.68	93.60 6.37 0.00	71.25 3.52 0.00	61.17 3.02 0.00	53.28 2.39 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	56.33 1.64 0.00	54.31 1.53 0.00	51.14 1.30 0.00	50.04 1.12 0.00	48.85 1.05 0.00	47.71 1.25 0.00	49.77 1.50 0.00	52.18 1.91 0.00	54.71 2.10 0.00	57.38 2.52 0.00	63.36 3.13 0.00	68.93 3.34 0.00	81.47 4.83 0.00	91.48 6.85 0.00	100.00 7.66 0.00	122.61 10.15 -0.93	154.96 11.22 -25.65	179.31 12.25 -42.03	147.79 12.10 -2.74	122.47 9.18 -2.68	93.60 6.37 0.00	71.25 3.52 0.00	61.17 3.02 0.00	53.28 2.39 0.00
WHITEHAL_115KV_TB1 80871	65.53 4.43 -6.41	64.64 4.59 -7.27	59.33 4.29 -5.19	57.38 3.96 -4.51	51.64 3.78 -0.06	50.32 3.86 0.00	52.28 4.01 0.00	53.99 3.72 0.00	55.76 3.16 0.00	57.77 2.91 0.00	63.60 3.37 0.00	69.85 4.26 0.00	81.85 5.21 0.00	91.65 7.02 0.00	100.74 8.40 0.00	127.38 10.93 -4.91	145.12 10.39 -16.64	154.09 11.25 -17.80	158.63 11.97 -13.72	133.96 9.96 -13.39	101.48 8.46 -5.79	73.96 6.23 0.00	63.87 5.12 -0.61	54.65 3.77 0.00
WHITEPLN_13_KV_LOAD 356215	57.37 2.68 0.00	55.26 2.48 0.00	51.99 2.14 0.00	50.82 1.91 0.00	49.62 1.82 0.00	48.50 2.04 0.00	50.63 2.37 0.00	53.13 2.87 0.00	55.76 3.16 0.00	58.48 3.62 0.00	64.62 4.40 0.00	70.24 4.66 0.00	83.31 6.67 0.00	93.85 9.22 0.00	102.86 10.53 0.00	127.37 14.83 -1.00	151.45 16.65 -16.71	169.45 17.88 -26.54	153.58 17.68 -2.95	126.66 13.16 -2.88	96.65 9.42 0.00	73.28 5.55 0.00	62.68 4.54 0.00	54.55 3.66 0.00
WM_FLOYD_69_KV_BK2 356380	57.81 3.12 -0.01	55.95 3.17 0.00	53.49 3.64 0.00	51.94 3.03 0.00	50.33 2.53 0.00	48.41 1.95 0.00	50.49 2.22 0.00	53.13 2.87 0.00	55.34 2.74 0.00	57.43 2.58 0.01	64.94 3.73 -0.99	71.23 5.64 -0.01	88.84 7.59 -4.61	100.84 10.32 -5.89	122.51 11.54 -18.64	166.32 14.83 -39.95	331.95 16.30 -197.56	300.58 17.38 -158.18	237.04 17.95 -86.14	180.63 14.27 -55.75	146.93 10.55 -49.15	96.66 6.77 -22.16	66.51 4.19 -4.19	56.23 5.04 -0.31
WOODARD___115KV_TB2 355635	54.63 -0.60 -0.54	52.79 -0.79 -0.80	50.24 -0.75 -1.14	49.13 -0.83 -1.05	48.52 -0.76 -1.48	46.18 -0.74 -0.47	48.49 -0.72 -0.95	50.06 -0.60 -0.39	52.60 -0.53 -0.52	55.24 -0.49 -0.87	60.40 -0.60 -0.78	65.50 -0.52 -0.45	76.83 -0.77 -0.96	85.00 -0.59 -0.97	91.77 -0.46 0.10	113.64 -0.45 -2.55	119.68 -0.71 -2.30	126.23 -1.25 -2.45	136.13 -1.33 -4.51	110.40 -1.00 -0.78	84.53 -0.96 1.74	65.77 -0.95 1.00	56.60 -0.81 0.73	49.62 -0.76 0.50
YORK___WARBASSE 23770	57.48 2.79 -0.01	55.38 2.59 -0.01	52.05 2.19 -0.01	50.83 1.91 -0.01	49.67 1.86 -0.01	48.61 2.14 -0.01	50.79 2.51 -0.01	53.29 3.02 -0.01	55.98 3.37 -0.01	58.76 3.90 -0.01	64.87 4.64 -0.01	70.04 4.46 0.00	83.08 6.44 0.00	93.52 8.89 -0.01	101.70 9.33 -0.04	125.08 12.38 -1.16	230.88 13.70 -99.09	165.14 14.88 -25.24	150.68 14.76 -2.97	124.69 11.17 -2.90	94.90 7.68 0.00	72.26 4.54 0.00	62.57 4.42 -0.01	54.56 3.66 -0.01