

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/06/2026

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	52.71	42.01	37.53	33.69	33.37	33.34	33.72	36.62	40.63	51.73	57.55	59.23	61.01	62.82	65.48	93.96	98.58	100.39	102.43	86.51	74.79	63.05	60.68	55.02
24138	3.26	2.71	2.42	2.38	2.24	2.24	2.21	2.68	2.94	3.28	3.90	4.19	4.30	4.71	4.97	5.63	6.62	7.60	8.02	7.33	5.86	4.62	4.37	4.00
	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	0.00	-6.95	-8.80	-8.46	-9.40	-8.54	-8.74	-31.42	-26.39	-18.33	-14.20	-0.32	-0.02	-0.02	-4.89	-3.45
74TH STREET_GT_1	52.71	42.01	37.53	33.72	33.40	33.37	33.75	36.62	40.59	51.80	57.70	59.37	61.18	62.97	65.63	94.56	99.05	100.66	102.68	86.44	74.72	63.05	60.74	55.10
24260	3.26	2.71	2.42	2.41	2.27	2.27	2.24	2.68	2.90	3.20	3.86	4.15	4.26	4.66	4.92	5.52	6.49	7.45	7.94	7.25	5.79	4.62	4.32	4.00
	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	0.00	-7.10	-9.01	-8.65	-9.62	-8.73	-8.94	-32.14	-27.00	-18.74	-14.53	-0.33	-0.02	-0.02	-5.01	-3.53
74TH STREET_GT_2	52.71	42.01	37.53	33.72	33.40	33.37	33.75	36.62	40.59	51.80	57.70	59.37	61.18	62.97	65.63	94.56	99.05	100.66	102.68	86.44	74.72	63.05	60.74	55.10
24261	3.26	2.71	2.42	2.41	2.27	2.27	2.24	2.68	2.90	3.20	3.86	4.15	4.26	4.66	4.92	5.52	6.49	7.45	7.94	7.25	5.79	4.62	4.32	4.00
	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	0.00	-7.10	-9.01	-8.65	-9.62	-8.73	-8.94	-32.14	-27.00	-18.74	-14.53	-0.33	-0.02	-0.02	-5.01	-3.53
ADK HUDSON___FALLS	52.91	42.05	37.63	33.63	33.40	33.30	33.75	36.34	39.99	43.99	47.31	49.28	50.00	52.55	55.09	60.77	70.35	80.06	86.71	85.08	74.50	63.21	55.38	51.00
24011	3.46	2.75	2.53	2.32	2.27	2.21	2.24	2.41	2.30	2.49	2.47	2.70	2.70	2.97	3.31	3.87	4.79	5.59	6.50	6.23	5.58	4.79	3.96	3.43
	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
ADK RESOURCE___RCVRY	53.20	42.28	37.84	33.82	33.59	33.45	33.94	36.51	40.14	44.12	47.49	49.46	50.23	52.75	55.34	59.86	69.24	78.71	85.27	83.90	73.39	62.40	54.61	51.33
23798	3.76	2.99	2.74	2.51	2.46	2.36	2.43	2.58	2.45	2.62	2.65	2.89	2.93	3.18	3.57	2.96	3.67	4.24	5.06	5.05	4.48	3.97	3.19	3.76
	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
ADK S GLENS___FALLS	52.91	42.05	37.63	33.63	33.40	33.30	33.75	36.34																

ALBANY___2 23572	50.04 0.59 0.00	40.04 0.75 0.00	36.09 0.98 0.00	32.28 0.97 0.00	32.03 0.90 0.00	31.96 0.87 0.00	32.37 0.85 0.00	34.91 0.98 0.00	38.33 0.64 0.00	42.12 0.62 0.00	45.61 0.76 0.00	47.23 0.65 0.00	48.11 0.80 0.00	50.51 0.94 0.00	52.81 1.04 0.00	58.09 1.19 0.00	66.81 1.25 0.00	75.74 1.27 0.00	81.41 1.20 0.00	79.80 0.95 0.00	69.88 0.96 0.00	59.36 0.93 0.00	52.29 0.87 0.00	48.29 0.71 0.00
ALBANY___3 23573	50.04 0.59 0.00	40.04 0.75 0.00	36.09 0.98 0.00	32.28 0.97 0.00	32.03 0.90 0.00	31.96 0.87 0.00	32.37 0.85 0.00	34.91 0.98 0.00	38.33 0.64 0.00	42.12 0.62 0.00	45.61 0.76 0.00	47.23 0.65 0.00	48.11 0.80 0.00	50.51 0.94 0.00	52.81 1.04 0.00	58.09 1.19 0.00	66.81 1.25 0.00	75.74 1.27 0.00	81.41 1.20 0.00	79.80 0.95 0.00	69.88 0.96 0.00	59.36 0.93 0.00	52.29 0.87 0.00	48.29 0.71 0.00
ALBANY___4 23574	50.04 0.59 0.00	40.04 0.75 0.00	36.09 0.98 0.00	32.28 0.97 0.00	32.03 0.90 0.00	31.96 0.87 0.00	32.37 0.85 0.00	34.91 0.98 0.00	38.33 0.64 0.00	42.12 0.62 0.00	45.61 0.76 0.00	47.23 0.65 0.00	48.11 0.80 0.00	50.51 0.94 0.00	52.81 1.04 0.00	58.09 1.19 0.00	66.81 1.25 0.00	75.74 1.27 0.00	81.41 1.20 0.00	79.80 0.95 0.00	69.88 0.96 0.00	59.36 0.93 0.00	52.29 0.87 0.00	48.29 0.71 0.00
ALBANY___LFGE 323615	50.53 1.09 0.00	40.40 1.10 0.00	36.33 1.23 0.00	32.53 1.22 0.00	32.28 1.15 0.00	32.21 1.12 0.00	32.62 1.10 0.00	35.15 1.22 0.00	38.63 0.94 0.00	42.38 0.87 0.00	46.01 1.16 0.00	47.69 1.12 0.00	48.58 1.28 0.00	51.01 1.44 0.00	53.32 1.55 0.00	58.72 1.82 0.00	67.47 1.90 0.00	76.33 1.86 0.00	82.22 2.01 0.00	80.67 1.82 0.00	70.57 1.65 0.00	59.94 1.52 0.00	52.71 1.29 0.00	48.77 1.19 0.00
ALCOA_PA_115KV_PL-6C 55860	49.84 0.39 0.00	39.41 0.12 0.00	35.07 -0.04 0.00	31.16 -0.16 0.00	31.04 -0.09 0.00	31.06 -0.03 0.00	31.55 0.03 0.00	33.83 -0.10 0.00	37.69 0.00 0.00	41.67 0.17 0.00	44.93 0.09 0.00	46.62 0.05 0.00	47.30 0.00 0.00	49.42 -0.15 0.00	51.57 -0.21 0.00	56.44 -0.46 0.00	65.11 -0.46 0.00	73.87 -0.60 0.00	79.65 -0.56 0.00	78.54 -0.31 0.00	68.64 -0.27 0.00	58.19 -0.23 0.00	51.42 0.00 0.00	47.67 0.10 0.00
ALCOA_RYNLDS___DRP 24188	49.79 0.35 0.00	39.41 0.12 0.00	35.07 -0.04 0.00	31.15 -0.16 0.00	31.04 -0.09 0.00	31.06 -0.03 0.00	31.55 0.03 0.00	33.83 -0.10 0.00	37.69 0.00 0.00	41.67 0.17 0.00	44.93 0.09 0.00	46.62 0.05 0.00	47.25 -0.05 0.00	49.42 -0.15 0.00	51.51 -0.26 0.00	56.44 -0.46 0.00	65.11 -0.46 0.00	73.95 -0.52 0.00	79.57 -0.64 0.00	78.62 -0.24 0.00	68.64 -0.28 0.00	58.19 -0.23 0.00	51.42 0.00 0.00	47.67 0.10 0.00
ALCOA___DSASP 323711	49.79 0.35 0.00	39.41 0.12 0.00	35.07 -0.04 0.00	31.15 -0.16 0.00	31.04 -0.09 0.00	31.06 -0.03 0.00	31.55 0.03 0.00	33.83 -0.10 0.00	37.69 0.00 0.00	41.67 0.17 0.00	44.93 0.09 0.00	46.62 0.05 0.00	47.25 -0.05 0.00	49.42 -0.15 0.00	51.51 -0.26 0.00	56.44 -0.46 0.00	65.11 -0.46 0.00	73.95 -0.52 0.00	79.57 -0.64 0.00	78.62 -0.24 0.00	68.64 -0.28 0.00	58.19 -0.23 0.00	51.42 0.00 0.00	47.67 0.10 0.00
ALLEGHENY___COGEN 23514	65.79 -1.23 -17.58	64.18 -1.49 -26.38	61.86 -1.37 -28.12	52.10 -1.03 -21.82	55.19 -1.06 -25.12	58.53 -1.12 -28.56	59.36 -1.13 -28.98	64.93 -0.91 -31.92	70.78 -1.66 -34.74	77.95 -2.91 -39.36	83.09 -6.77 -45.02	81.68 -7.22 -42.33	83.33 -7.28 -43.31	84.21 -7.58 -42.22	87.61 -7.82 -43.66	100.24 -8.48 -51.82	113.14 -9.05 -56.63	128.77 -8.49 -62.79	138.37 -7.78 -65.94	136.65 -6.54 -64.34	107.56 -5.30 -43.96	88.94 -4.44 -34.96	84.42 -0.41 -33.41	57.59 -1.48 -11.49
ALTAMONT_115KV_TB 2 55880	50.48 1.04 0.00	40.28 0.98 0.00	36.09 0.98 0.00	32.28 0.97 0.00	32.06 0.93 0.00	31.99 0.90 0.00	32.40 0.88 0.00	34.95 1.02 0.00	38.60 0.90 0.00	42.37 0.87 0.00	45.87 1.03 0.00	47.60 1.02 0.00	48.39 1.09 0.00	50.81 1.24 0.00	53.12 1.35 0.00	58.44 1.54 0.00	67.27 1.70 0.00	76.33 1.86 0.00	82.13 1.93 0.00	80.59 1.73 0.00	70.50 1.59 0.00	59.88 1.46 0.00	52.70 1.29 0.00	48.72 1.14 0.00
ALTONA_WT_PWR 323606	49.79 0.35 0.00	39.41 0.12 0.00	35.00 -0.10 0.00	31.09 -0.22 0.00	30.91 -0.22 0.00	30.93 -0.15 0.00	31.45 -0.06 0.00	33.76 -0.17 0.00	37.62 -0.08 0.00	41.63 0.12 0.00	44.89 0.04 0.00	46.48 -0.09 0.00	47.07 -0.24 0.00	49.17 -0.40 0.00	51.20 -0.57 0.00	56.10 -0.80 0.00	64.65 -0.92 0.00	73.36 -1.12 0.00	79.09 -1.12 0.00	77.83 -1.03 0.00	67.95 -0.96 0.00	57.66 -0.76 0.00	50.91 -0.51 0.00	47.25 -0.33 0.00
AMERICAN_REF_FUEL 24010	38.94 -6.23 4.27	27.44 -5.46 6.40	23.44 -4.84 6.82	21.98 -4.04 5.30	20.99 -4.05 6.09	20.00 -4.17 6.93	20.36 -4.13 7.03	22.25 -3.94 7.74	24.75 -4.52 8.42	26.28 -5.68 9.54	27.43 -6.50 10.91	30.17 -6.19 10.21	30.04 -6.81 10.45	30.22 -6.84 12.51	31.61 -6.94 13.22	33.11 -7.79 16.00	38.30 -8.98 18.29	44.96 -9.09 20.42	47.88 -10.19 22.14	46.05 -10.33 22.47	44.17 -8.89 15.85	39.66 -7.01 11.74	36.76 -6.02 8.65	38.16 -6.37 3.04
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.51 -5.64 4.30	27.82 -5.03 6.45	23.70 -4.53 6.87	22.12 -3.85 5.33	21.04 -3.95 6.14	20.04 -4.07 6.98	20.34 -4.10 7.08	22.23 -3.90 7.80	24.79 -4.41 8.49	26.66 -5.23 9.62	27.92 -5.92 11.00	31.13 -5.45 9.99	31.16 -5.91 10.23	31.43 -6.05 12.09	32.54 -6.16 13.07	34.71 -6.77 15.42	40.11 -7.87 17.59	47.26 -7.60 19.61	51.85 -7.14 21.22	50.10 -7.25 21.50	47.70 -6.06 15.15	41.83 -5.32 11.27	38.22 -4.78 8.42	39.53 -5.09 2.96
ARTHUR KILL_GT_1 23520	52.77 3.31 -0.01	42.13 2.83 -0.01	37.68 2.56 -0.01	33.86 2.54 -0.01	33.56 2.43 -0.01	33.54 2.42 -0.02	33.98 2.46 -0.01	36.80 2.85 -0.02	40.67 2.98 0.00	51.85 3.24 -7.11	57.67 3.81 -9.01	59.09 3.87 -8.65	60.70 3.78 -9.62	60.72 4.11 -7.03	61.73 4.35 -5.60	88.30 4.89 -26.51	93.77 5.70 -22.49	95.54 6.63 -14.44	94.08 7.14 -6.73	81.38 6.39 3.86	69.71 5.03 4.23	62.70 4.26 -0.02	60.69 4.27 -5.01	55.11 4.00 -3.53
ARTHUR_KILL_2 23512	52.63 3.17 -0.02	42.02 2.71 -0.02	37.54 2.42 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.45 2.33 -0.02	33.90 2.36 -0.02	36.60 2.65 -0.02	40.52 2.83 0.00	51.69 3.07 -7.11	57.53 3.68 -9.01	59.00 3.77 -8.65	60.56 3.64 -9.62	60.52 3.92 -7.03	61.52 4.14 -5.60	88.08 4.67 -26.51	93.50 5.44 -22.49	95.02 6.11 -14.44	93.44 6.49 -6.73	80.99 5.99 3.86	69.37 4.69 4.23	62.82 4.38 -0.02	60.23 3.80 -5.01	54.92 3.81 -3.53
ARTHUR_KILL_3 23513	52.17 2.72 -0.01	41.62 2.32 -0.01	37.15 2.04 -0.01	33.38 2.07 -0.01	33.07 1.93 -0.01	33.03 1.93 -0.02	33.35 1.83 -0.01	36.08 2.14 -0.02	40.11 2.41 0.00	51.24 2.70 -7.04	57.13 3.36 -8.93	58.69 3.54 -8.58	60.47 3.64 -9.53	60.49 3.97 -6.95	61.43 4.14 -5.52	87.84 4.72 -26.22	93.32 5.51 -22.25	94.99 6.26 -14.27	93.39 6.58 -6.60	81.06 6.07 3.87	69.42 4.75 4.24	62.28 3.85 -0.01	59.82 3.45 -4.95	54.54 3.47 -3.50

ARTHUR_KILL_COGEN 323718	52.77 3.31 -0.02	42.18 2.87 -0.02	37.68 2.56 -0.02	33.86 2.54 -0.02	33.57 2.43 -0.02	33.54 2.43 -0.02	33.99 2.46 -0.02	36.70 2.75 -0.02	40.67 2.98 0.00	51.81 3.20 -7.11	57.71 3.86 -9.01	59.14 3.91 -8.65	60.75 3.83 -9.62	60.72 4.11 -7.03	61.73 4.35 -5.60	88.36 4.95 -26.51	93.83 5.77 -22.49	95.38 6.48 -14.44	93.92 6.97 -6.73	81.38 6.38 3.86	69.71 5.03 4.23	63.11 4.68 -0.02	60.49 4.06 -5.01	55.11 4.00 -3.53
ASHOKAN____ 23654	52.71 3.26 0.00	41.85 2.55 0.00	37.35 2.25 0.00	33.50 2.19 0.00	33.15 2.02 0.00	32.95 1.87 0.00	33.22 1.70 0.00	35.49 1.56 0.00	39.35 1.66 0.00	43.16 1.66 0.00	47.04 2.20 0.00	48.72 2.14 0.00	49.62 2.32 0.00	52.00 2.43 0.00	54.57 2.79 0.00	60.49 3.59 0.00	69.89 4.33 0.00	80.06 5.59 0.00	86.54 6.34 0.00	84.93 6.07 0.00	73.81 4.89 0.00	62.51 4.09 0.00	54.96 3.55 0.00	50.91 3.33 0.00
ASTORIA_EAST_ENERGY_CC1 323581	52.17 2.72 -0.01	41.74 2.44 -0.01	37.22 2.11 -0.01	33.45 2.13 -0.01	33.13 1.99 -0.01	33.06 1.96 -0.01	33.57 2.05 -0.01	36.11 2.17 -0.01	40.10 2.41 0.01	51.50 2.90 -7.10	57.43 3.59 -9.00	58.90 3.68 -8.65	60.70 3.79 -9.61	62.41 4.11 -8.73	65.00 4.29 -8.93	93.81 4.78 -32.13	98.06 5.51 -26.99	99.38 6.18 -18.74	101.31 6.58 -14.52	85.25 6.07 -0.32	73.54 4.62 -0.01	62.52 4.09 -0.01	60.12 3.70 -5.00	54.81 3.71 -3.52
ASTORIA_EAST_ENERGY_CC2 323582	52.17 2.72 -0.01	41.74 2.44 -0.01	37.22 2.11 -0.01	33.45 2.13 -0.01	33.13 1.99 -0.01	33.06 1.96 -0.01	33.57 2.05 -0.01	36.11 2.17 -0.01	40.10 2.41 0.01	51.50 2.90 -7.10	57.43 3.59 -9.00	58.90 3.68 -8.65	60.70 3.79 -9.61	62.41 4.11 -8.73	65.00 4.29 -8.93	93.81 4.78 -32.13	98.06 5.51 -26.99	99.38 6.18 -18.74	101.31 6.58 -14.52	85.25 6.07 -0.32	73.54 4.62 -0.01	62.52 4.09 -0.01	60.12 3.70 -5.00	54.81 3.71 -3.52
ASTORIA_GT2_1 24094	52.21 2.77 0.00	41.73 2.44 0.00	37.21 2.11 0.00	33.44 2.13 0.00	33.15 2.02 0.00	33.06 1.96 -0.02	33.53 2.02 0.00	36.32 2.37 -0.02	40.14 2.45 0.00	51.55 2.95 -7.10	57.39 3.54 -9.01	58.95 3.73 -8.65	60.74 3.83 -9.61	54.02 4.16 -0.28	65.06 4.35 -8.94	93.82 4.78 -32.14	98.07 5.51 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.62 4.69 -0.02	62.35 3.91 -0.02	60.38 3.96 -5.00	54.81 3.71 -3.53
ASTORIA_GT2_2 24095	52.21 2.77 0.00	41.73 2.44 0.00	37.21 2.11 0.00	33.44 2.13 0.00	33.15 2.02 0.00	33.06 1.96 -0.02	33.53 2.02 0.00	36.32 2.37 -0.02	40.14 2.45 0.00	51.55 2.95 -7.10	57.39 3.54 -9.01	58.95 3.73 -8.65	60.74 3.83 -9.61	54.02 4.16 -0.28	65.06 4.35 -8.94	93.82 4.78 -32.14	98.07 5.51 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.62 4.69 -0.02	62.35 3.91 -0.02	60.38 3.96 -5.00	54.81 3.71 -3.53
ASTORIA_GT2_3 24096	52.21 2.77 0.00	41.73 2.44 0.00	37.21 2.11 0.00	33.44 2.13 0.00	33.15 2.02 0.00	33.06 1.96 -0.02	33.53 2.02 0.00	36.32 2.37 -0.02	40.14 2.45 0.00	51.55 2.95 -7.10	57.39 3.54 -9.01	58.95 3.73 -8.65	60.74 3.83 -9.61	54.02 4.16 -0.28	65.06 4.35 -8.94	93.82 4.78 -32.14	98.07 5.51 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.62 4.69 -0.02	62.35 3.91 -0.02	60.38 3.96 -5.00	54.81 3.71 -3.53
ASTORIA_GT2_4 24097	52.21 2.77 0.00	41.73 2.44 0.00	37.21 2.11 0.00	33.44 2.13 0.00	33.15 2.02 0.00	33.06 1.96 -0.02	33.53 2.02 0.00	36.32 2.37 -0.02	40.14 2.45 0.00	51.55 2.95 -7.10	57.39 3.54 -9.01	58.95 3.73 -8.65	60.74 3.83 -9.61	54.02 4.16 -0.28	65.06 4.35 -8.94	93.82 4.78 -32.14	98.07 5.51 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.62 4.69 -0.02	62.35 3.91 -0.02	60.38 3.96 -5.00	54.81 3.71 -3.53
ASTORIA_GT3_1 24098	52.21 2.77 0.00	41.73 2.44 0.00	37.21 2.11 0.00	33.44 2.13 0.00	33.15 2.02 0.00	33.06 1.96 -0.02	33.53 2.02 0.00	36.32 2.37 -0.02	40.14 2.45 0.00	51.55 2.95 -7.10	57.39 3.54 -9.01	58.95 3.73 -8.65	60.74 3.83 -9.61	54.02 4.16 -0.28	65.06 4.35 -8.94	93.82 4.78 -32.14	98.07 5.51 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.62 4.69 -0.02	62.35 3.91 -0.02	60.38 3.96 -5.00	54.81 3.71 -3.53
ASTORIA_GT3_2 24099	52.21 2.77 0.00	41.73 2.44 0.00	37.21 2.11 0.00	33.44 2.13 0.00	33.15 2.02 0.00	33.06 1.96 -0.02	33.53 2.02 0.00	36.32 2.37 -0.02	40.14 2.45 0.00	51.55 2.95 -7.10	57.39 3.54 -9.01	58.95 3.73 -8.65	60.74 3.83 -9.61	54.02 4.16 -0.28	65.06 4.35 -8.94	93.82 4.78 -32.14	98.07 5.51 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.62 4.69 -0.02	62.35 3.91 -0.02	60.38 3.96 -5.00	54.81 3.71 -3.53
ASTORIA_GT3_3 24100	52.21 2.77 0.00	41.73 2.44 0.00	37.21 2.11 0.00	33.44 2.13 0.00	33.15 2.02 0.00	33.06 1.96 -0.02	33.53 2.02 0.00	36.32 2.37 -0.02	40.14 2.45 0.00	51.55 2.95 -7.10	57.39 3.54 -9.01	58.95 3.73 -8.65	60.74 3.83 -9.61	54.02 4.16 -0.28	65.06 4.35 -8.94	93.82 4.78 -32.14	98.07 5.51 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.62 4.69 -0.02	62.35 3.91 -0.02	60.38 3.96 -5.00	54.81 3.71 -3.53
ASTORIA_GT3_4 24101	52.21 2.77 0.00	41.73 2.44 0.00	37.21 2.11 0.00	33.44 2.13 0.00	33.15 2.02 0.00	33.06 1.96 -0.02	33.53 2.02 0.00	36.32 2.37 -0.02	40.14 2.45 0.00	51.55 2.95 -7.10	57.39 3.54 -9.01	58.95 3.73 -8.65	60.74 3.83 -9.61	54.02 4.16 -0.28	65.06 4.35 -8.94	93.82 4.78 -32.14	98.07 5.51 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.62 4.69 -0.02	62.35 3.91 -0.02	60.38 3.96 -5.00	54.81 3.71 -3.53
ASTORIA_GT4_1 24102	52.21 2.77 0.00	41.73 2.44 0.00	37.21 2.11 0.00	33.44 2.13 0.00	33.15 2.02 0.00	33.06 1.96 -0.02	33.53 2.02 0.00	36.32 2.37 -0.02	40.14 2.45 0.00	51.55 2.95 -7.10	57.39 3.54 -9.01	58.95 3.73 -8.65	60.74 3.83 -9.61	54.02 4.16 -0.28	65.06 4.35 -8.94	93.82 4.78 -32.14	98.07 5.51 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.62 4.69 -0.02	62.35 3.91 -0.02	60.38 3.96 -5.00	54.81 3.71 -3.53
ASTORIA_GT4_2 24103	52.21 2.77 0.00	41.73 2.44 0.00	37.21 2.11 0.00	33.44 2.13 0.00	33.15 2.02 0.00	33.06 1.96 -0.02	33.53 2.02 0.00	36.32 2.37 -0.02	40.14 2.45 0.00	51.55 2.95 -7.10	57.39 3.54 -9.01	58.95 3.73 -8.65	60.74 3.83 -9.61	54.02 4.16 -0.28	65.06 4.35 -8.94	93.82 4.78 -32.14	98.07 5.51 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.62 4.69 -0.02	62.35 3.91 -0.02	60.38 3.96 -5.00	54.81 3.71 -3.53
ASTORIA_GT4_3 24104	52.21 2.77 0.00	41.73 2.44 0.00	37.21 2.11 0.00	33.44 2.13 0.00	33.15 2.02 0.00	33.06 1.96 -0.02	33.53 2.02 0.00	36.32 2.37 -0.02	40.14 2.45 0.00	51.55 2.95 -7.10	57.39 3.54 -9.01	58.95 3.73 -8.65	60.74 3.83 -9.61	54.02 4.16 -0.28	65.06 4.35 -8.94	93.82 4.78 -32.14	98.07 5.51 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.62 4.69 -0.02	62.35 3.91 -0.02	60.38 3.96 -5.00	54.81 3.71 -3.53

ASTORIA_GT4_4 24105	52.21 2.77 0.00	41.73 2.44 0.00	37.21 2.11 0.00	33.44 2.13 0.00	33.15 2.02 0.00	33.06 1.96 -0.02	33.53 2.02 0.00	36.32 2.37 -0.02	40.14 2.45 0.00	51.55 2.95 -7.10	57.39 3.54 -9.01	58.95 3.73 -8.65	60.74 3.83 -9.61	54.02 4.16 -0.28	65.06 4.35 -8.94	93.82 4.78 -32.14	98.07 5.51 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.62 4.69 -0.02	62.35 3.91 -0.02	60.38 3.96 -5.00	54.81 3.71 -3.53
ASTORIA_GT_1 23523	52.31 2.87 0.00	41.81 2.51 0.00	37.28 2.18 0.00	33.50 2.19 0.00	33.18 2.05 0.00	33.13 2.02 -0.02	33.60 2.08 0.00	36.39 2.44 -0.02	40.26 2.56 0.00	51.64 3.03 -7.10	57.48 3.63 -9.01	59.04 3.82 -8.65	60.84 3.93 -9.61	54.12 4.26 -0.28	65.21 4.50 -8.94	93.93 4.89 -32.14	98.27 5.70 -27.00	99.76 6.55 -18.74	101.72 6.98 -14.53	85.57 6.39 -0.33	73.75 4.82 -0.02	62.53 4.09 -0.02	60.48 4.06 -5.00	54.91 3.81 -3.53
ASTORIA_GT_10 24110	52.41 2.97 0.00	41.81 2.51 0.00	37.39 2.28 0.00	33.57 2.25 0.00	33.28 2.15 0.00	33.22 2.11 -0.02	33.63 2.11 0.00	36.42 2.48 -0.02	40.33 2.64 0.00	51.51 2.91 -7.10	57.35 3.50 -9.01	58.91 3.68 -8.65	60.70 3.78 -9.62	62.47 4.16 -8.73	65.06 4.35 -8.94	93.82 4.78 -32.14	98.14 5.57 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.82 4.89 -0.02	62.47 4.03 -0.02	60.33 3.91 -5.01	54.77 3.66 -3.53
ASTORIA_GT_11 24225	52.41 2.97 0.00	41.81 2.51 0.00	37.39 2.28 0.00	33.57 2.25 0.00	33.28 2.15 0.00	33.22 2.11 -0.02	33.63 2.11 0.00	36.42 2.48 -0.02	40.33 2.64 0.00	51.51 2.91 -7.10	57.35 3.50 -9.01	58.91 3.68 -8.65	60.70 3.78 -9.62	62.47 4.16 -8.73	65.06 4.35 -8.94	93.82 4.78 -32.14	98.14 5.57 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.82 4.89 -0.02	62.47 4.03 -0.02	60.33 3.91 -5.01	54.77 3.66 -3.53
ASTORIA_GT_12 24226	52.41 2.97 0.00	41.81 2.51 0.00	37.39 2.28 0.00	33.57 2.25 0.00	33.28 2.15 0.00	33.22 2.11 -0.02	33.63 2.11 0.00	36.42 2.48 -0.02	40.33 2.64 0.00	51.51 2.91 -7.10	57.35 3.50 -9.01	58.91 3.68 -8.65	60.70 3.78 -9.62	62.47 4.16 -8.73	65.06 4.35 -8.94	93.82 4.78 -32.14	98.14 5.57 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.82 4.89 -0.02	62.47 4.03 -0.02	60.33 3.91 -5.01	54.77 3.66 -3.53
ASTORIA_GT_13 24227	52.41 2.97 0.00	41.81 2.51 0.00	37.39 2.28 0.00	33.57 2.25 0.00	33.28 2.15 0.00	33.22 2.11 -0.02	33.63 2.11 0.00	36.42 2.48 -0.02	40.33 2.64 0.00	51.51 2.91 -7.10	57.35 3.50 -9.01	58.91 3.68 -8.65	60.70 3.78 -9.62	62.47 4.16 -8.73	65.06 4.35 -8.94	93.82 4.78 -32.14	98.14 5.57 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.82 4.89 -0.02	62.47 4.03 -0.02	60.33 3.91 -5.01	54.77 3.66 -3.53
ASTORIA_GT_5 24106	52.31 2.87 0.00	41.81 2.51 0.00	37.28 2.18 0.00	33.50 2.19 0.00	33.18 2.05 0.00	33.13 2.02 -0.02	33.60 2.08 0.00	36.39 2.44 -0.02	40.26 2.56 0.00	51.64 3.03 -7.10	57.48 3.63 -9.01	59.04 3.82 -8.65	60.84 3.93 -9.61	54.12 4.26 -0.28	65.21 4.50 -8.94	93.93 4.89 -32.14	98.27 5.70 -27.00	99.76 6.55 -18.74	101.72 6.98 -14.53	85.57 6.39 -0.33	73.75 4.82 -0.02	62.53 4.09 -0.02	60.48 4.06 -5.00	54.91 3.81 -3.53
ASTORIA_GT_7 24107	52.31 2.87 0.00	41.81 2.51 0.00	37.28 2.18 0.00	33.50 2.19 0.00	33.18 2.05 0.00	33.13 2.02 -0.02	33.60 2.08 0.00	36.39 2.44 -0.02	40.26 2.56 0.00	51.64 3.03 -7.10	57.48 3.63 -9.01	59.04 3.82 -8.65	60.84 3.93 -9.61	54.12 4.26 -0.28	65.21 4.50 -8.94	93.93 4.89 -32.14	98.27 5.70 -27.00	99.76 6.55 -18.74	101.72 6.98 -14.53	85.57 6.39 -0.33	73.75 4.82 -0.02	62.53 4.09 -0.02	60.48 4.06 -5.00	54.91 3.81 -3.53
ASTORIA_GT_8 24108	52.31 2.87 0.00	41.81 2.51 0.00	37.28 2.18 0.00	33.50 2.19 0.00	33.18 2.05 0.00	33.13 2.02 -0.02	33.60 2.08 0.00	36.39 2.44 -0.02	40.26 2.56 0.00	51.64 3.03 -7.10	57.48 3.63 -9.01	59.04 3.82 -8.65	60.84 3.93 -9.61	54.12 4.26 -0.28	65.21 4.50 -8.94	93.93 4.89 -32.14	98.27 5.70 -27.00	99.76 6.55 -18.74	101.72 6.98 -14.53	85.57 6.39 -0.33	73.75 4.82 -0.02	62.53 4.09 -0.02	60.48 4.06 -5.00	54.91 3.81 -3.53
ASTORIA___2 24149	52.22 2.77 -0.01	41.78 2.48 -0.01	37.22 2.11 -0.01	33.45 2.13 -0.01	33.13 1.99 -0.01	33.06 1.96 -0.01	33.57 2.05 -0.01	36.11 2.17 -0.01	40.13 2.45 0.01	51.50 2.90 -7.10	57.43 3.59 -9.00	58.95 3.73 -8.65	60.74 3.83 -9.61	62.46 4.16 -8.73	65.05 4.35 -8.93	93.81 4.78 -32.13	98.06 5.51 -26.99	99.38 6.18 -18.74	101.38 6.65 -14.52	85.33 6.15 -0.32	73.54 4.62 -0.01	62.58 4.15 -0.01	60.17 3.75 -5.00	54.81 3.71 -3.52
ASTORIA___3 23516	52.42 2.97 -0.01	41.86 2.55 -0.01	37.39 2.28 -0.01	33.57 2.26 -0.01	33.28 2.15 -0.01	33.22 2.12 -0.02	33.64 2.11 -0.01	36.32 2.37 -0.02	40.33 2.64 0.00	51.47 2.86 -7.10	57.39 3.54 -9.01	58.91 3.68 -8.65	60.71 3.79 -9.62	62.47 4.16 -8.73	65.06 4.35 -8.94	93.87 4.83 -32.14	98.13 5.57 -27.00	99.46 6.26 -18.74	101.39 6.65 -14.53	85.34 6.15 -0.33	73.82 4.89 -0.02	62.59 4.15 -0.02	60.13 3.70 -5.01	54.77 3.66 -3.53
ASTORIA___4 23517	52.41 2.97 0.00	41.81 2.51 0.00	37.39 2.28 0.00	33.57 2.25 0.00	33.28 2.15 0.00	33.22 2.11 -0.02	33.63 2.11 0.00	36.42 2.48 -0.02	40.33 2.64 0.00	51.51 2.91 -7.10	57.35 3.50 -9.01	58.91 3.68 -8.65	60.70 3.78 -9.62	62.47 4.16 -8.73	65.06 4.35 -8.94	93.82 4.78 -32.14	98.14 5.57 -27.00	99.54 6.33 -18.74	101.55 6.82 -14.53	85.33 6.15 -0.33	73.82 4.89 -0.02	62.47 4.03 -0.02	60.33 3.91 -5.01	54.77 3.66 -3.53
ASTORIA___5 23518	52.42 2.97 -0.01	41.86 2.55 -0.01	37.39 2.28 -0.01	33.57 2.26 -0.01	33.28 2.15 -0.01	33.22 2.12 -0.02	33.64 2.11 -0.01	36.32 2.37 -0.02	40.33 2.64 0.00	51.47 2.86 -7.10	57.39 3.54 -9.01	58.91 3.68 -8.65	60.71 3.79 -9.62	62.47 4.16 -8.73	65.06 4.35 -8.94	93.87 4.83 -32.14	98.13 5.57 -27.00	99.46 6.26 -18.74	101.39 6.65 -14.53	85.34 6.15 -0.33	73.82 4.89 -0.02	62.59 4.15 -0.02	60.13 3.70 -5.01	54.77 3.66 -3.53
AST_ENERGY_2_CC3 323677	52.37 2.92 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.51 2.19 -0.01	33.22 2.09 -0.01	33.16 2.05 -0.02	33.51 1.99 -0.01	36.25 2.31 -0.02	40.29 2.60 0.00	51.45 2.86 -7.08	57.32 3.50 -8.98	58.93 3.73 -8.63	60.72 3.83 -9.59	62.49 4.21 -8.71	65.08 4.40 -8.91	94.01 5.06 -32.05	98.39 5.90 -26.92	99.79 6.63 -18.69	101.67 6.97 -14.49	85.65 6.47 -0.33	74.10 5.17 -0.02	62.65 4.21 -0.02	60.11 3.70 -4.99	54.76 3.66 -3.52
AST_ENERGY_2_CC4 323678	52.37 2.92 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.51 2.19 -0.01	33.22 2.09 -0.01	33.16 2.05 -0.02	33.51 1.99 -0.01	36.25 2.31 -0.02	40.29 2.60 0.00	51.45 2.86 -7.08	57.32 3.50 -8.98	58.93 3.73 -8.63	60.72 3.83 -9.59	62.49 4.21 -8.71	65.08 4.40 -8.91	94.01 5.06 -32.05	98.39 5.90 -26.92	99.79 6.63 -18.69	101.67 6.97 -14.49	85.65 6.47 -0.33	74.10 5.17 -0.02	62.65 4.21 -0.02	60.11 3.70 -4.99	54.76 3.66 -3.52

ATHENS_STG_1 23668	50.73 1.28 0.00	40.47 1.18 0.00	36.23 1.12 0.00	32.44 1.13 0.00	32.19 1.06 0.00	32.11 1.02 0.00	32.52 1.01 0.00	35.08 1.15 0.00	38.90 1.21 0.00	42.71 1.20 0.00	46.37 1.53 0.00	48.11 1.53 0.00	48.86 1.56 0.00	51.31 1.73 0.00	53.63 1.86 0.00	59.06 2.16 0.00	67.92 2.36 0.00	76.92 2.45 0.00	82.78 2.57 0.00	81.22 2.36 0.00	70.84 1.93 0.00	60.12 1.70 0.00	52.96 1.54 0.00	49.19 1.62 0.00
ATHENS_STG_2 23670	50.73 1.28 0.00	40.47 1.18 0.00	36.23 1.12 0.00	32.44 1.13 0.00	32.19 1.06 0.00	32.11 1.02 0.00	32.52 1.01 0.00	35.08 1.15 0.00	38.90 1.21 0.00	42.71 1.20 0.00	46.37 1.53 0.00	48.11 1.53 0.00	48.86 1.56 0.00	51.31 1.73 0.00	53.63 1.86 0.00	59.06 2.16 0.00	67.92 2.36 0.00	76.92 2.45 0.00	82.78 2.57 0.00	81.22 2.36 0.00	70.84 1.93 0.00	60.12 1.70 0.00	52.96 1.54 0.00	49.19 1.62 0.00
ATHENS_STG_3 23677	50.73 1.28 0.00	40.47 1.18 0.00	36.23 1.12 0.00	32.44 1.13 0.00	32.19 1.06 0.00	32.11 1.02 0.00	32.52 1.01 0.00	35.08 1.15 0.00	38.90 1.21 0.00	42.71 1.20 0.00	46.37 1.53 0.00	48.11 1.53 0.00	48.86 1.56 0.00	51.31 1.73 0.00	53.63 1.86 0.00	59.06 2.16 0.00	67.92 2.36 0.00	76.92 2.45 0.00	82.78 2.57 0.00	81.22 2.36 0.00	70.84 1.93 0.00	60.12 1.70 0.00	52.96 1.54 0.00	49.19 1.62 0.00
AUBURN___LFGE 323710	50.05 -0.59 -1.19	40.58 -0.51 -1.79	36.59 -0.42 -1.91	32.51 -0.28 -1.48	32.55 -0.28 -1.71	32.72 -0.31 -1.94	33.11 -0.38 -1.97	35.82 -0.27 -2.17	39.64 -0.41 -2.36	43.43 -0.75 -2.67	47.05 -0.85 -3.06	48.70 -0.75 -2.87	49.48 -0.76 -2.94	51.75 -0.79 -2.97	54.08 -0.78 -3.09	59.78 -0.80 -3.68	68.96 -0.66 -4.05	79.34 -0.37 -5.24	85.21 0.08 -4.92	83.61 0.08 -4.68	72.27 0.14 -3.22	60.89 -0.06 -2.52	53.15 -0.57 -2.29	47.80 -0.57 -0.79
BABYLON_RES_REC 323704	52.76 3.31 0.00	42.32 3.03 0.00	37.56 2.46 0.00	33.66 2.35 0.00	33.34 2.21 0.00	33.23 2.14 0.00	33.72 2.21 0.00	36.54 2.61 0.00	40.86 3.17 0.00	44.99 3.49 0.00	49.11 4.26 0.00	52.01 4.47 -0.96	52.46 4.59 -0.57	54.85 4.96 -0.32	58.50 4.87 -1.86	62.33 5.06 -0.37	72.55 6.36 -0.63	82.43 7.22 -0.74	87.81 6.90 -0.71	85.68 6.15 -0.67	73.99 4.62 -0.46	62.34 3.62 -0.29	54.71 3.29 0.00	51.81 4.23 0.00
BALL_HILL_WT_PWR 323825	39.05 -4.80 5.60	26.57 -4.32 8.40	22.29 -3.86 8.96	21.14 -3.22 6.95	19.86 -3.27 8.00	18.60 -3.39 9.10	18.88 -3.40 9.23	20.61 -3.15 10.17	22.97 -3.66 11.06	24.40 -4.57 12.53	25.26 -5.25 14.34	28.66 -4.84 13.07	28.63 -5.30 13.37	28.89 -5.35 15.32	29.88 -5.39 16.50	31.43 -6.03 19.44	36.65 -6.88 22.04	43.51 -6.40 24.56	47.16 -6.58 26.47	45.38 -6.78 26.69	44.46 -5.72 18.73	39.58 -4.79 14.06	36.16 -4.37 10.89	38.96 -4.80 3.81
BARON_WINDS___WT_PWR 323822	18.32 -2.32 28.80	-6.00 -2.08 43.21	-12.83 -1.86 46.07	-6.00 -1.56 35.75	-6.00 -1.68 35.45	-17.32 -1.62 46.79	-17.59 -1.64 47.47	-19.78 -1.42 52.29	-21.10 -1.88 56.91	-6.00 -2.57 44.93	-6.00 -3.41 47.43	-25.65 -3.17 69.05	-6.00 -3.17 50.13	-6.00 -3.32 52.25	-6.00 -3.31 54.46	-36.94 -3.53 90.31	-6.00 -3.67 67.90	-39.49 -3.06 110.90	-40.19 -2.81 117.59	-39.98 -2.60 116.23	-6.00 -2.14 72.78	-6.00 -1.93 62.49	-6.00 -1.95 55.47	25.98 -2.42 19.17
BARRETT_IC_1 23704	52.11 2.67 0.00	41.85 2.55 0.00	37.18 2.07 0.00	33.34 2.03 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.37 1.86 0.00	36.13 2.20 0.00	40.37 2.68 0.00	44.49 2.99 0.00	48.56 3.72 0.00	51.45 3.91 -0.96	51.89 4.02 -0.57	54.20 4.31 -0.32	56.07 4.29 0.00	61.52 4.55 -0.07	71.34 5.70 -0.07	80.95 6.41 -0.07	86.23 6.02 0.00	84.22 5.36 0.00	72.90 4.00 0.01	61.57 3.15 0.01	54.30 2.88 0.00	51.33 3.76 0.00
BARRETT_IC_10 23701	52.11 2.67 0.00	41.85 2.55 0.00	37.18 2.07 0.00	33.34 2.03 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.37 1.86 0.00	36.13 2.20 0.00	40.37 2.68 0.00	44.49 2.99 0.00	48.56 3.72 0.00	51.45 3.91 -0.96	51.89 4.02 -0.57	54.20 4.31 -0.32	56.07 4.29 0.00	61.52 4.55 -0.07	71.34 5.70 -0.07	80.95 6.41 -0.07	86.23 6.02 0.00	84.22 5.36 0.00	72.90 4.00 0.01	61.57 3.15 0.01	54.30 2.88 0.00	51.33 3.76 0.00
BARRETT_IC_11 23702	52.11 2.67 0.00	41.85 2.55 0.00	37.18 2.07 0.00	33.34 2.03 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.37 1.86 0.00	36.13 2.20 0.00	40.37 2.68 0.00	44.49 2.99 0.00	48.56 3.72 0.00	51.45 3.91 -0.96	51.89 4.02 -0.57	54.20 4.31 -0.32	56.07 4.29 0.00	61.52 4.55 -0.07	71.34 5.70 -0.07	80.95 6.41 -0.07	86.23 6.02 0.00	84.22 5.36 0.00	72.90 4.00 0.01	61.57 3.15 0.01	54.30 2.88 0.00	51.33 3.76 0.00
BARRETT_IC_12 23703	52.11 2.67 0.00	41.85 2.55 0.00	37.18 2.07 0.00	33.34 2.03 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.37 1.86 0.00	36.13 2.20 0.00	40.37 2.68 0.00	44.49 2.99 0.00	48.56 3.72 0.00	51.45 3.91 -0.96	51.89 4.02 -0.57	54.20 4.31 -0.32	56.07 4.29 0.00	61.52 4.55 -0.07	71.34 5.70 -0.07	80.95 6.41 -0.07	86.23 6.02 0.00	84.22 5.36 0.00	72.90 4.00 0.01	61.57 3.15 0.01	54.30 2.88 0.00	51.33 3.76 0.00
BARRETT_IC_2 23705	52.11 2.67 0.00	41.85 2.55 0.00	37.18 2.07 0.00	33.34 2.03 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.37 1.86 0.00	36.13 2.20 0.00	40.37 2.68 0.00	44.49 2.99 0.00	48.56 3.72 0.00	51.45 3.91 -0.96	51.89 4.02 -0.57	54.20 4.31 -0.32	56.07 4.29 0.00	61.52 4.55 -0.07	71.34 5.70 -0.07	80.95 6.41 -0.07	86.23 6.02 0.00	84.22 5.36 0.00	72.90 4.00 0.01	61.57 3.15 0.01	54.30 2.88 0.00	51.33 3.76 0.00
BARRETT_IC_3 23706	52.11 2.67 0.00	41.85 2.55 0.00	37.18 2.07 0.00	33.34 2.03 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.37 1.86 0.00	36.13 2.20 0.00	40.37 2.68 0.00	44.49 2.99 0.00	48.56 3.72 0.00	51.45 3.91 -0.96	51.89 4.02 -0.57	54.20 4.31 -0.32	56.07 4.29 0.00	61.52 4.55 -0.07	71.34 5.70 -0.07	80.95 6.41 -0.07	86.23 6.02 0.00	84.22 5.36 0.00	72.90 4.00 0.01	61.57 3.15 0.01	54.30 2.88 0.00	51.33 3.76 0.00
BARRETT_IC_4 23707	52.11 2.67 0.00	41.85 2.55 0.00	37.18 2.07 0.00	33.34 2.03 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.37 1.86 0.00	36.13 2.20 0.00	40.37 2.68 0.00	44.49 2.99 0.00	48.56 3.72 0.00	51.45 3.91 -0.96	51.89 4.02 -0.57	54.20 4.31 -0.32	56.07 4.29 0.00	61.52 4.55 -0.07	71.34 5.70 -0.07	80.95 6.41 -0.07	86.23 6.02 0.00	84.22 5.36 0.00	72.90 4.00 0.01	61.57 3.15 0.01	54.30 2.88 0.00	51.33 3.76 0.00
BARRETT_IC_5 23708	52.11 2.67 0.00	41.85 2.55 0.00	37.18 2.07 0.00	33.34 2.03 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.37 1.86 0.00	36.13 2.20 0.00	40.37 2.68 0.00	44.49 2.99 0.00	48.56 3.72 0.00	51.45 3.91 -0.96	51.89 4.02 -0.57	54.20 4.31 -0.32	56.07 4.29 0.00	61.52 4.55 -0.07	71.34 5.70 -0.07	80.95 6.41 -0.07	86.23 6.02 0.00	84.22 5.36 0.00	72.90 4.00 0.01	61.57 3.15 0.01	54.30 2.88 0.00	51.33 3.76 0.00

BARRETT_IC_6 23709	52.11 2.67 0.00	41.85 2.55 0.00	37.18 2.07 0.00	33.34 2.03 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.37 1.86 0.00	36.13 2.20 0.00	40.37 2.68 0.00	44.49 2.99 0.00	48.56 3.72 0.00	51.45 3.91 -0.96	51.89 4.02 -0.57	54.20 4.31 -0.32	56.07 4.29 0.00	61.52 4.55 -0.07	71.34 5.70 -0.07	80.95 6.41 -0.07	86.23 6.02 0.00	84.22 5.36 0.00	72.90 4.00 0.01	61.57 3.15 0.01	54.30 2.88 0.00	51.33 3.76 0.00
BARRETT_IC_7 23710	52.11 2.67 0.00	41.69 2.40 0.00	37.25 2.14 0.00	33.35 2.04 0.00	33.06 1.93 0.00	32.92 1.83 0.00	33.41 1.89 0.00	36.23 2.31 0.00	40.44 2.75 0.00	44.28 2.78 0.00	48.52 3.68 0.00	51.45 3.91 -0.96	51.90 4.02 -0.57	54.21 4.31 -0.32	56.07 4.30 0.00	61.47 4.50 -0.07	71.34 5.70 -0.07	81.02 6.48 -0.07	86.39 6.18 0.00	84.22 5.36 0.00	72.97 4.07 0.01	61.45 3.04 0.01	54.92 3.50 0.00	51.38 3.81 0.00
BARRETT_IC_8 23711	52.11 2.67 0.00	41.85 2.55 0.00	37.18 2.07 0.00	33.34 2.03 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.37 1.86 0.00	36.13 2.20 0.00	40.37 2.68 0.00	44.49 2.99 0.00	48.56 3.72 0.00	51.45 3.91 -0.96	51.89 4.02 -0.57	54.20 4.31 -0.32	56.07 4.29 0.00	61.52 4.55 -0.07	71.34 5.70 -0.07	80.95 6.41 -0.07	86.23 6.02 0.00	84.22 5.36 0.00	72.90 4.00 0.01	61.57 3.15 0.01	54.30 2.88 0.00	51.33 3.76 0.00
BARRETT_IC_9 23700	52.11 2.67 0.00	41.85 2.55 0.00	37.18 2.07 0.00	33.34 2.03 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.37 1.86 0.00	36.13 2.20 0.00	40.37 2.68 0.00	44.49 2.99 0.00	48.56 3.72 0.00	51.45 3.91 -0.96	51.89 4.02 -0.57	54.20 4.31 -0.32	56.07 4.29 0.00	61.52 4.55 -0.07	71.34 5.70 -0.07	80.95 6.41 -0.07	86.23 6.02 0.00	84.22 5.36 0.00	72.90 4.00 0.01	61.57 3.15 0.01	54.30 2.88 0.00	51.33 3.76 0.00
BARRETT___1 23545	52.11 2.67 0.00	41.85 2.55 0.00	37.18 2.07 0.00	33.34 2.03 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.37 1.86 0.00	36.13 2.20 0.00	40.37 2.68 0.00	44.49 2.99 0.00	48.56 3.72 0.00	51.45 3.91 -0.96	51.89 4.02 -0.57	54.20 4.31 -0.32	56.07 4.29 0.00	61.52 4.55 -0.07	71.34 5.70 -0.07	80.95 6.41 -0.07	86.23 6.02 0.00	84.22 5.36 0.00	72.90 4.00 0.01	61.57 3.15 0.01	54.30 2.88 0.00	51.33 3.76 0.00
BARRETT___2 23546	52.11 2.67 0.00	41.85 2.55 0.00	37.18 2.07 0.00	33.34 2.03 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.37 1.86 0.00	36.13 2.20 0.00	40.37 2.68 0.00	44.49 2.99 0.00	48.56 3.72 0.00	51.45 3.91 -0.96	51.89 4.02 -0.57	54.20 4.31 -0.32	56.07 4.29 0.00	61.52 4.55 -0.07	71.34 5.70 -0.07	80.95 6.41 -0.07	86.23 6.02 0.00	84.22 5.36 0.00	72.90 4.00 0.01	61.57 3.15 0.01	54.30 2.88 0.00	51.33 3.76 0.00
BATAVIA__115KV_TB1 55881	42.05 -4.20 3.20	30.61 -3.89 4.79	26.48 -3.51 5.11	24.53 -2.82 3.97	23.76 -2.80 4.56	22.95 -2.95 5.19	23.26 -2.99 5.26	25.14 -2.99 5.80	28.25 -3.13 6.31	30.41 -3.94 7.15	32.23 -4.44 8.17	34.41 -4.47 7.69	34.65 -4.78 7.87	34.72 -4.91 9.95	36.28 -4.97 10.52	38.43 -5.63 12.84	44.58 -6.16 14.82	51.06 -6.85 16.56	56.22 -6.02 17.97	54.32 -6.15 18.39	50.63 -5.24 13.05	44.44 -4.38 9.59	39.89 -4.88 6.64	40.95 -4.28 2.34
BAYONEEC___CTG1 323682	52.37 2.92 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.51 2.19 -0.01	33.22 2.09 -0.01	33.16 2.05 -0.02	33.51 1.99 -0.01	36.25 2.31 -0.02	40.29 2.60 0.00	51.41 2.86 -7.04	57.31 3.54 -8.93	58.88 3.73 -8.58	60.71 3.88 -9.53	62.44 4.21 -8.66	65.03 4.40 -8.86	93.77 5.01 -31.86	98.16 5.83 -26.76	99.68 6.63 -18.58	101.58 6.97 -14.40	85.65 6.47 -0.32	74.03 5.10 -0.02	62.58 4.15 -0.02	60.09 3.70 -4.96	54.74 3.66 -3.50
BAYONEEC___CTG10 323750	52.37 2.92 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.51 2.19 -0.01	33.22 2.09 -0.01	33.16 2.05 -0.02	33.51 1.99 -0.01	36.25 2.31 -0.02	40.29 2.60 0.00	51.41 2.86 -7.04	57.31 3.54 -8.93	58.88 3.73 -8.58	60.71 3.88 -9.53	62.44 4.21 -8.66	65.03 4.40 -8.86	93.77 5.01 -31.86	98.16 5.83 -26.76	99.68 6.63 -18.58	101.58 6.97 -14.40	85.65 6.47 -0.32	74.03 5.10 -0.02	62.58 4.15 -0.02	60.09 3.70 -4.96	54.74 3.66 -3.50
BAYONEEC___CTG2 323683	52.37 2.92 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.51 2.19 -0.01	33.22 2.09 -0.01	33.16 2.05 -0.02	33.51 1.99 -0.01	36.25 2.31 -0.02	40.29 2.60 0.00	51.41 2.86 -7.04	57.31 3.54 -8.93	58.88 3.73 -8.58	60.71 3.88 -9.53	62.44 4.21 -8.66	65.03 4.40 -8.86	93.77 5.01 -31.86	98.16 5.83 -26.76	99.68 6.63 -18.58	101.58 6.97 -14.40	85.65 6.47 -0.32	74.03 5.10 -0.02	62.58 4.15 -0.02	60.09 3.70 -4.96	54.74 3.66 -3.50
BAYONEEC___CTG3 323684	52.37 2.92 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.51 2.19 -0.01	33.22 2.09 -0.01	33.16 2.05 -0.02	33.51 1.99 -0.01	36.25 2.31 -0.02	40.29 2.60 0.00	51.41 2.86 -7.04	57.31 3.54 -8.93	58.88 3.73 -8.58	60.71 3.88 -9.53	62.44 4.21 -8.66	65.03 4.40 -8.86	93.77 5.01 -31.86	98.16 5.83 -26.76	99.68 6.63 -18.58	101.58 6.97 -14.40	85.65 6.47 -0.32	74.03 5.10 -0.02	62.58 4.15 -0.02	60.09 3.70 -4.96	54.74 3.66 -3.50
BAYONEEC___CTG4 323685	52.37 2.92 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.51 2.19 -0.01	33.22 2.09 -0.01	33.16 2.05 -0.02	33.51 1.99 -0.01	36.25 2.31 -0.02	40.29 2.60 0.00	51.41 2.86 -7.04	57.31 3.54 -8.93	58.88 3.73 -8.58	60.71 3.88 -9.53	62.44 4.21 -8.66	65.03 4.40 -8.86	93.77 5.01 -31.86	98.16 5.83 -26.76	99.68 6.63 -18.58	101.58 6.97 -14.40	85.65 6.47 -0.32	74.03 5.10 -0.02	62.58 4.15 -0.02	60.09 3.70 -4.96	54.74 3.66 -3.50
BAYONEEC___CTG5 323686	52.37 2.92 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.51 2.19 -0.01	33.22 2.09 -0.01	33.16 2.05 -0.02	33.51 1.99 -0.01	36.25 2.31 -0.02	40.29 2.60 0.00	51.41 2.86 -7.04	57.31 3.54 -8.93	58.88 3.73 -8.58	60.71 3.88 -9.53	62.44 4.21 -8.66	65.03 4.40 -8.86	93.77 5.01 -31.86	98.16 5.83 -26.76	99.68 6.63 -18.58	101.58 6.97 -14.40	85.65 6.47 -0.32	74.03 5.10 -0.02	62.58 4.15 -0.02	60.09 3.70 -4.96	54.74 3.66 -3.50
BAYONEEC___CTG6 323687	52.37 2.92 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.51 2.19 -0.01	33.22 2.09 -0.01	33.16 2.05 -0.02	33.51 1.99 -0.01	36.25 2.31 -0.02	40.29 2.60 0.00	51.41 2.86 -7.04	57.31 3.54 -8.93	58.88 3.73 -8.58	60.71 3.88 -9.53	62.44 4.21 -8.66	65.03 4.40 -8.86	93.77 5.01 -31.86	98.16 5.83 -26.76	99.68 6.63 -18.58	101.58 6.97 -14.40	85.65 6.47 -0.32	74.03 5.10 -0.02	62.58 4.15 -0.02	60.09 3.70 -4.96	54.74 3.66 -3.50
BAYONEEC___CTG7 323688	52.37 2.92 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.51 2.19 -0.01	33.22 2.09 -0.01	33.16 2.05 -0.02	33.51 1.99 -0.01	36.25 2.31 -0.02	40.29 2.60 0.00	51.41 2.86 -7.04	57.31 3.54 -8.93	58.88 3.73 -8.58	60.71 3.88 -9.53	62.44 4.21 -8.66	65.03 4.40 -8.86	93.77 5.01 -31.86	98.16 5.83 -26.76	99.68 6.63 -18.58	101.58 6.97 -14.40	85.65 6.47 -0.32	74.03 5.10 -0.02	62.58 4.15 -0.02	60.09 3.70 -4.96	54.74 3.66 -3.50

BAYONEEC___CTG8 323689	52.37 2.92 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.51 2.19 -0.01	33.22 2.09 -0.01	33.16 2.05 -0.02	33.51 1.99 -0.01	36.25 2.31 -0.02	40.29 2.60 0.00	51.41 2.86 -7.04	57.31 3.54 -8.93	58.88 3.73 -8.58	60.71 3.88 -9.53	62.44 4.21 -8.66	65.03 4.40 -8.86	93.77 5.01 -31.86	98.16 5.83 -26.76	99.68 6.63 -18.58	101.58 6.97 -14.40	85.65 6.47 -0.32	74.03 5.10 -0.02	62.58 4.15 -0.02	60.09 3.70 -4.96	54.74 3.66 -3.50
BAYONEEC___CTG9 323749	52.37 2.92 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.51 2.19 -0.01	33.22 2.09 -0.01	33.16 2.05 -0.02	33.51 1.99 -0.01	36.25 2.31 -0.02	40.29 2.60 0.00	51.41 2.86 -7.04	57.31 3.54 -8.93	58.88 3.73 -8.58	60.71 3.88 -9.53	62.44 4.21 -8.66	65.03 4.40 -8.86	93.77 5.01 -31.86	98.16 5.83 -26.76	99.68 6.63 -18.58	101.58 6.97 -14.40	85.65 6.47 -0.32	74.03 5.10 -0.02	62.58 4.15 -0.02	60.09 3.70 -4.96	54.74 3.66 -3.50
BAYPORT_69_KV_BK 2 356364	53.50 4.05 0.00	42.83 3.54 0.00	38.23 3.12 0.00	34.16 2.85 0.00	33.87 2.74 0.00	33.70 2.61 0.00	34.23 2.71 0.00	37.18 3.26 0.00	41.69 4.00 0.00	45.28 3.78 0.00	49.64 4.80 0.00	52.75 5.22 -0.96	53.17 5.30 -0.57	55.75 5.85 -0.33	62.15 5.80 -4.58	70.34 5.92 -7.52	84.56 7.47 -11.52	93.12 8.56 -10.08	95.65 8.34 -7.10	92.42 7.41 -6.15	81.21 5.79 -6.51	63.58 4.38 -0.77	56.26 4.83 -0.01	52.57 5.00 0.00
BEACON___LESR 323632	50.73 1.28 0.00	40.52 1.22 0.00	36.47 1.37 0.00	32.63 1.31 0.00	32.41 1.28 0.00	32.30 1.21 0.00	32.71 1.20 0.00	35.29 1.36 0.00	38.79 1.09 0.00	42.54 1.04 0.00	46.19 1.34 0.00	47.88 1.30 0.00	48.77 1.47 0.00	51.26 1.69 0.00	53.58 1.81 0.00	59.06 2.16 0.00	67.80 2.23 0.00	76.78 2.31 0.00	82.61 2.40 0.00	81.14 2.29 0.00	70.98 2.07 0.00	60.29 1.87 0.00	52.96 1.54 0.00	48.96 1.38 0.00
BEAVER RIVER___HYD 24048	50.14 0.69 0.00	39.69 0.39 0.00	35.53 0.42 0.00	31.59 0.28 0.00	31.38 0.25 0.00	31.18 0.09 0.00	31.55 0.03 0.00	34.03 0.10 0.00	37.77 0.08 0.00	41.38 -0.12 0.00	44.53 -0.31 0.00	46.11 -0.47 0.00	46.83 -0.47 0.00	48.53 -1.04 0.00	50.63 -1.14 0.00	55.59 -1.31 0.00	64.45 -1.12 0.00	74.02 -0.82 0.00	80.29 0.00 -0.37	79.56 0.71 -0.08	69.88 0.96 0.00	59.35 0.93 0.00	51.88 0.46 0.00	47.96 0.38 0.00
BEEBEE_GT_13 23619	45.24 -3.36 0.84	35.01 -3.03 1.26	31.06 -2.70 1.34	28.08 -2.19 1.04	27.75 -2.18 1.20	27.43 -2.30 1.36	27.83 -2.30 1.38	30.17 -2.24 1.52	33.74 -2.30 1.66	36.84 -2.78 1.88	39.60 -3.09 2.15	41.41 -3.12 2.05	41.85 -3.36 2.09	41.93 -3.42 4.22	43.69 -3.52 4.56	47.19 -3.93 5.78	54.29 -4.20 7.08	61.74 -4.77 7.96	67.14 -4.17 8.90	65.02 -4.34 9.50	58.24 -3.72 6.95	50.24 -3.39 4.79	45.51 -3.75 2.16	43.40 -3.38 0.80
BENSHRST_27_KV_BENSHRST_1 355998	53.01 3.56 -0.01	42.25 2.95 -0.01	37.75 2.63 -0.01	33.92 2.60 -0.01	33.60 2.46 -0.01	33.54 2.42 -0.02	33.95 2.43 -0.01	36.80 2.85 -0.02	40.78 3.09 0.00	52.02 3.40 -7.11	57.94 4.08 -9.01	59.42 4.19 -8.65	61.18 4.26 -9.62	62.97 4.66 -8.73	65.63 4.92 -8.94	94.56 5.52 -32.14	98.99 6.43 -27.00	100.58 7.37 -18.74	102.68 7.94 -14.53	86.36 7.18 -0.33	74.65 5.72 -0.02	63.17 4.73 -0.02	60.95 4.52 -5.01	55.35 4.23 -3.53
BETHLEHEM___GRP 23843	50.04 0.59 0.00	40.04 0.75 0.00	36.09 0.98 0.00	32.28 0.97 0.00	32.03 0.90 0.00	31.96 0.87 0.00	32.37 0.85 0.00	34.91 0.98 0.00	38.33 0.64 0.00	42.12 0.62 0.00	45.61 0.76 0.00	47.23 0.65 0.00	48.11 0.80 0.00	50.51 0.94 0.00	52.81 1.04 0.00	58.09 1.19 0.00	66.81 1.25 0.00	75.74 1.27 0.00	81.41 1.20 0.00	79.80 0.95 0.00	69.88 0.96 0.00	59.36 0.93 0.00	52.29 0.87 0.00	48.29 0.71 0.00
BETHLEHEM___GS1 323560	50.04 0.60 0.00	40.00 0.71 0.00	36.09 0.98 0.00	32.28 0.97 0.00	32.03 0.90 0.00	31.96 0.87 0.00	32.37 0.85 0.00	34.88 0.95 0.00	38.33 0.64 0.00	42.00 0.50 0.00	45.60 0.76 0.00	47.23 0.65 0.00	48.10 0.80 0.00	50.51 0.94 0.00	52.75 0.98 0.00	58.10 1.20 0.00	66.75 1.18 0.00	75.51 1.04 0.00	81.25 1.04 0.00	79.80 0.95 0.00	69.81 0.89 0.00	59.30 0.88 0.00	52.14 0.72 0.00	48.29 0.71 0.00
BETHLEHEM___GS2 323561	50.04 0.60 0.00	40.00 0.71 0.00	36.09 0.98 0.00	32.28 0.97 0.00	32.03 0.90 0.00	31.96 0.87 0.00	32.37 0.85 0.00	34.88 0.95 0.00	38.33 0.64 0.00	42.00 0.50 0.00	45.60 0.76 0.00	47.23 0.65 0.00	48.10 0.80 0.00	50.51 0.94 0.00	52.75 0.98 0.00	58.10 1.20 0.00	66.75 1.18 0.00	75.51 1.04 0.00	81.25 1.04 0.00	79.80 0.95 0.00	69.81 0.89 0.00	59.30 0.88 0.00	52.14 0.72 0.00	48.29 0.71 0.00
BETHLEHEM___GS3 323562	50.04 0.60 0.00	40.00 0.71 0.00	36.09 0.98 0.00	32.28 0.97 0.00	32.03 0.90 0.00	31.96 0.87 0.00	32.37 0.85 0.00	34.88 0.95 0.00	38.33 0.64 0.00	42.00 0.50 0.00	45.60 0.76 0.00	47.23 0.65 0.00	48.10 0.80 0.00	50.51 0.94 0.00	52.75 0.98 0.00	58.10 1.20 0.00	66.75 1.18 0.00	75.51 1.04 0.00	81.25 1.04 0.00	79.80 0.95 0.00	69.81 0.89 0.00	59.30 0.88 0.00	52.14 0.72 0.00	48.29 0.71 0.00
BETHLEHEM___STEEL 23779	39.14 -4.85 5.46	26.79 -4.32 8.19	22.48 -3.90 8.73	21.31 -3.23 6.77	20.07 -3.27 7.79	18.84 -3.39 8.86	19.09 -3.44 8.99	20.50 -3.53 9.90	23.18 -3.73 10.78	24.73 -4.57 12.21	25.90 -4.98 13.97	28.82 -4.98 12.77	29.03 -5.20 13.07	29.12 -5.40 15.04	30.17 -5.44 16.16	31.60 -6.20 19.10	36.75 -7.15 21.67	42.49 -7.82 24.16	47.26 -6.90 26.06	45.39 -7.18 26.29	44.32 -6.13 18.46	39.33 -5.26 13.83	35.15 -5.60 10.66	38.99 -4.85 3.73
BETHLHEM_115KV_TB1 79974	50.14 0.69 0.00	40.08 0.79 0.00	36.09 0.98 0.00	32.28 0.97 0.00	32.03 0.90 0.00	31.96 0.87 0.00	32.37 0.85 0.00	34.91 0.98 0.00	38.37 0.68 0.00	42.17 0.66 0.00	45.65 0.81 0.00	47.32 0.75 0.00	48.15 0.85 0.00	50.56 0.99 0.00	52.86 1.09 0.00	58.21 1.31 0.00	66.88 1.31 0.00	75.89 1.41 0.00	81.57 1.36 0.00	79.96 1.10 0.00	70.02 1.10 0.00	59.47 1.05 0.00	52.34 0.93 0.00	48.39 0.81 0.00
BETHPAGE_CC_5 323564	52.71 3.26 0.00	42.25 2.95 0.00	37.52 2.42 0.00	33.63 2.32 0.00	33.31 2.18 0.00	33.20 2.12 0.00	33.66 2.14 0.00	36.47 2.55 0.00	40.82 3.13 0.00	44.99 3.49 0.00	49.15 4.31 0.00	52.01 4.47 -0.96	52.46 4.59 -0.57	54.85 4.96 -0.32	57.67 4.82 -1.08	61.96 4.89 -0.17	71.84 6.03 -0.24	81.39 6.78 -0.14	86.66 6.42 -0.03	84.54 5.68 0.00	73.21 4.20 -0.09	62.04 3.50 -0.11	54.66 3.24 0.00	51.67 4.09 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.73 -4.55 5.17	27.42 -4.13 7.75	23.12 -3.72 8.26	21.83 -3.07 6.41	20.63 -3.11 7.38	19.46 -3.23 8.39	19.72 -3.28 8.52	21.19 -3.36 9.38	23.94 -3.54 10.21	25.62 -4.32 11.56	26.91 -4.71 13.23	29.78 -4.70 12.09	30.01 -4.92 12.37	30.15 -5.11 14.32	31.20 -5.18 15.39	32.84 -5.86 18.20	38.21 -6.69 20.67	44.13 -7.30 23.04	49.00 -6.34 24.87	47.03 -6.70 25.12	45.62 -5.65 17.65	40.31 -4.91 13.20	36.06 -5.24 10.11	39.46 -4.57 3.54

BINGHAMTON___COGEN 23790	49.73 -0.44 -0.74	40.01 -0.39 -1.10	35.96 -0.32 -1.18	32.07 -0.16 -0.91	31.99 -0.19 -1.05	32.07 -0.22 -1.19	32.48 -0.25 -1.21	35.16 -0.10 -1.33	38.96 -0.19 -1.45	42.69 -0.46 -1.65	46.23 -0.49 -1.88	48.01 -0.37 -1.81	48.77 -0.38 -1.85	50.53 -0.45 -1.41	52.79 -0.36 -1.38	58.18 -0.34 -1.62	66.94 -0.26 -1.63	76.45 -0.15 -2.13	82.39 0.32 -1.86	80.52 0.08 -1.59	69.98 0.07 -1.00	59.29 -0.06 -0.93	52.39 -0.36 -1.33	47.64 -0.38 -0.45
BIXINCNT_115KV_LOAD 355685	41.75 -4.10 3.59	30.06 -3.85 5.38	25.68 -3.69 5.74	23.76 -3.10 4.45	22.77 -3.24 5.13	21.87 -3.39 5.83	22.04 -3.56 5.91	23.78 -3.63 6.51	26.68 -3.92 7.09	28.87 -4.61 8.03	30.50 -5.16 9.18	33.20 -5.03 8.34	33.42 -5.35 8.53	33.68 -5.55 10.34	34.82 -5.75 11.21	37.33 -6.32 13.25	43.43 -6.95 15.18	50.30 -7.22 16.95	55.49 -6.34 18.39	53.69 -6.47 18.70	50.67 -5.03 13.21	44.44 -4.21 9.77	39.75 -4.58 7.09	41.03 -4.04 2.50
BLACK RIVER___HYD 24047	51.03 1.58 0.00	40.32 1.02 0.00	36.09 0.98 0.00	32.19 0.88 0.00	31.94 0.81 0.00	31.68 0.59 0.00	31.99 0.47 0.00	34.64 0.71 0.00	38.45 0.75 0.00	42.04 0.54 0.00	45.25 0.40 0.00	46.90 0.33 0.00	47.68 0.38 0.00	49.23 -0.34 0.00	51.46 -0.31 0.00	56.56 -0.34 0.00	65.76 0.20 0.00	75.92 0.82 -0.63	82.52 2.17 -0.14	81.77 2.92 0.00	71.67 2.76 0.00	60.70 2.28 0.00	52.86 1.44 0.00	48.72 1.14 0.00
BLACKRVR_115KV_TB2 79977	51.03 1.58 0.00	40.32 1.02 0.00	36.09 0.98 0.00	32.19 0.88 0.00	31.94 0.81 0.00	31.68 0.59 0.00	31.99 0.47 0.00	34.61 0.68 0.00	38.48 0.79 0.00	42.00 0.50 0.00	45.25 0.40 0.00	46.90 0.33 0.00	47.63 0.33 0.00	49.22 -0.35 0.00	51.46 -0.31 0.00	56.56 -0.34 0.00	65.63 0.07 0.00	75.70 0.60 -0.63	82.36 2.01 -0.14	81.69 2.84 0.00	71.53 2.62 0.00	60.58 2.16 0.00	52.76 1.34 0.00	48.72 1.14 0.00
BLISS_WT_PWR 323608	41.65 -4.20 3.59	29.95 -3.97 5.38	25.54 -3.83 5.74	23.60 -3.26 4.45	22.58 -3.42 5.13	21.65 -3.61 5.83	21.85 -3.75 5.91	23.89 -3.53 6.51	26.46 -4.15 7.09	28.62 -4.86 8.03	29.96 -5.70 9.18	32.97 -5.26 8.34	32.95 -5.82 8.53	33.28 -5.95 10.34	34.46 -6.11 11.21	36.99 -6.66 13.25	43.17 -7.21 15.18	51.12 -6.40 16.95	55.01 -6.82 18.39	53.37 -6.78 18.70	50.53 -5.17 13.21	44.67 -3.97 9.77	40.68 -3.65 7.09	40.84 -4.23 2.50
BLUESTONE___WT_PWR 323821	51.95 1.68 -0.82	41.71 1.18 -1.24	37.48 1.05 -1.32	33.40 1.07 -1.02	33.30 1.00 -1.18	33.30 0.87 -1.34	33.25 0.38 -1.36	36.10 0.68 -1.50	40.08 0.75 -1.63	43.89 0.54 -1.85	47.36 0.40 -2.11	49.10 0.51 -2.01	49.88 0.52 -2.06	51.33 0.05 -1.70	53.69 0.21 -1.70	59.31 0.40 -2.01	68.51 0.85 -2.09	78.48 1.41 -2.60	84.86 2.24 -2.41	83.32 2.29 -2.17	72.47 2.14 -1.42	61.46 1.81 -1.23	54.22 1.29 -1.51	49.09 1.00 -0.51
BLUE_CIRC_CHEM_DRP 24182	50.73 1.29 0.00	40.48 1.18 0.00	36.33 1.23 0.00	32.50 1.19 0.00	32.28 1.15 0.00	32.18 1.09 0.00	32.59 1.07 0.00	35.05 1.12 0.00	38.60 0.90 0.00	42.37 0.87 0.00	45.83 0.99 0.00	47.51 0.93 0.00	48.34 1.04 0.00	50.76 1.19 0.00	53.12 1.35 0.00	58.49 1.59 0.00	67.34 1.77 0.00	76.48 2.01 0.00	82.46 2.25 0.00	80.83 1.97 0.00	70.77 1.86 0.00	60.11 1.69 0.00	52.96 1.54 0.00	48.96 1.38 0.00
BOC_GAS_DRP 24189	50.33 0.89 0.00	40.12 0.83 0.00	35.98 0.88 0.00	32.22 0.91 0.00	31.97 0.84 0.00	31.90 0.81 0.00	32.30 0.79 0.00	34.88 0.95 0.00	38.48 0.79 0.00	42.29 0.79 0.00	45.78 0.94 0.00	47.51 0.93 0.00	48.29 0.99 0.00	50.71 1.14 0.00	53.02 1.24 0.00	58.32 1.42 0.00	67.08 1.51 0.00	76.03 1.56 0.00	81.81 1.60 0.00	80.19 1.34 0.00	70.15 1.24 0.00	59.59 1.17 0.00	52.50 1.08 0.00	48.58 1.00 0.00
BOONVILLE_115KV_TB1 79983	50.24 0.79 0.00	39.81 0.51 0.00	35.67 0.56 0.00	31.78 0.47 0.00	31.53 0.40 0.00	31.40 0.31 0.00	31.77 0.25 0.00	34.30 0.37 0.00	38.11 0.41 0.00	41.79 0.29 0.00	45.07 0.22 0.00	46.71 0.14 0.00	47.44 0.14 0.00	49.42 -0.15 0.00	51.62 -0.16 0.00	56.73 -0.17 0.00	65.57 0.00 0.00	74.88 0.22 -0.18	81.13 0.88 -0.04	80.04 1.18 0.00	70.09 1.17 0.00	59.41 0.99 0.00	52.09 0.67 0.00	48.15 0.57 0.00
BORALEX_4TH_BRANCH 23824	51.87 2.42 0.00	41.38 2.08 0.00	37.07 1.97 0.00	33.16 1.85 0.00	32.90 1.77 0.00	32.83 1.74 0.00	33.28 1.76 0.00	35.93 2.00 0.00	39.65 1.96 0.00	43.41 1.91 0.00	46.95 2.11 0.00	48.81 2.24 0.00	49.71 2.41 0.00	52.30 2.73 0.00	54.57 2.80 0.00	60.03 3.13 0.00	68.71 3.15 0.00	77.67 3.20 0.00	83.34 3.13 0.00	81.61 2.76 0.00	72.08 3.17 0.00	61.46 3.04 0.00	54.09 2.67 0.00	49.86 2.28 0.00
BOWLINE___1 23526	51.62 2.17 0.00	41.22 1.93 0.00	36.79 1.68 0.00	33.06 1.75 0.00	32.75 1.62 0.00	32.70 1.62 0.00	33.06 1.54 0.00	35.76 1.83 0.00	39.73 2.03 0.00	43.74 2.24 0.00	47.67 2.83 0.00	49.56 2.98 0.00	50.37 3.07 0.00	52.99 3.42 0.00	55.34 3.57 0.00	61.05 4.15 0.00	70.42 4.85 0.00	79.90 5.43 0.00	85.99 5.78 0.00	84.06 5.20 0.00	72.98 4.06 0.00	61.69 3.27 0.00	54.35 2.93 0.00	50.43 2.85 0.00
BOWLINE___2 23595	51.57 2.12 0.00	41.22 1.93 0.00	36.79 1.68 0.00	33.03 1.72 0.00	32.75 1.62 0.00	32.67 1.58 0.00	33.06 1.54 0.00	35.76 1.83 0.00	39.73 2.03 0.00	43.74 2.24 0.00	47.67 2.83 0.00	49.51 2.94 0.00	50.33 3.03 0.00	52.94 3.37 0.00	55.30 3.52 0.00	61.00 4.10 0.00	70.29 4.72 0.00	79.84 5.36 0.00	85.82 5.61 0.00	83.98 5.12 0.00	72.91 4.00 0.00	61.63 3.21 0.00	54.30 2.88 0.00	50.43 2.85 0.00
BRADY___115KV_TB2 356060	50.19 0.74 0.00	39.69 0.39 0.00	35.32 0.21 0.00	31.34 0.03 0.00	31.22 0.09 0.00	31.21 0.12 0.00	31.70 0.19 0.00	33.96 0.03 0.00	37.77 0.08 0.00	41.67 0.17 0.00	44.89 0.04 0.00	46.53 -0.05 0.00	47.16 -0.14 0.00	49.32 -0.25 0.00	51.46 -0.31 0.00	56.33 -0.57 0.00	65.04 -0.52 0.00	74.02 -0.45 0.00	79.97 -0.24 0.00	79.25 0.39 0.00	69.26 0.34 0.00	58.65 0.23 0.00	51.83 0.41 0.00	48.05 0.48 0.00
BRANSCOMB___SOLAR 323811	52.11 2.67 0.00	41.46 2.16 0.00	37.14 2.04 0.00	33.19 1.88 0.00	32.96 1.84 0.00	32.86 1.77 0.00	33.31 1.80 0.00	35.83 1.90 0.00	39.43 1.73 0.00	43.16 1.66 0.00	46.73 1.88 0.00	48.58 2.00 0.00	49.33 2.03 0.00	51.95 2.38 0.00	54.41 2.64 0.00	59.40 2.50 0.00	68.45 2.88 0.00	77.53 3.05 0.00	83.74 3.53 0.00	82.41 3.55 0.00	72.22 3.31 0.00	61.40 2.98 0.00	53.89 2.47 0.00	50.19 2.61 0.00
BRDGHMPT_69_KV_BK1 55812	53.80 4.35 0.00	43.03 3.73 0.00	38.30 3.19 0.00	34.10 2.79 0.00	33.71 2.58 0.00	33.51 2.42 0.00	34.04 2.52 0.00	37.05 3.12 0.00	41.65 3.96 0.00	45.15 3.65 0.00	49.51 4.66 0.00	52.66 5.12 -0.96	53.03 5.16 -0.57	55.95 6.05 -0.33	61.54 6.16 -3.61	71.58 6.32 -8.37	86.50 8.13 -12.80	94.80 9.16 -11.16	97.10 9.06 -7.82	93.74 8.12 -6.76	82.25 6.13 -7.21	63.58 4.50 -0.66	56.21 4.78 -0.01	52.29 4.71 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	53.05 3.61 0.00	42.36 3.07 0.00	37.84 2.74 0.00	33.85 2.54 0.00	33.56 2.43 0.00	33.39 2.30 0.00	33.91 2.40 0.00	36.85 2.92 0.00	41.20 3.51 0.00	44.91 3.40 0.00	49.28 4.44 0.00	52.24 4.70 -0.96	52.70 4.82 -0.57	55.05 5.16 -0.32	68.94 5.07 -12.10	63.84 4.95 -1.99	75.27 6.29 -3.40	85.80 7.22 -4.11	91.10 6.90 -3.99	88.68 5.99 -3.83	76.05 4.55 -2.59	63.88 3.56 -1.89	55.59 4.16 0.00	52.10 4.52 0.00
BRISTLHL_115KV_TB1 79998	47.91 -1.53 0.00	38.20 -1.10 0.00	34.19 -0.91 0.00	30.59 -0.72 0.00	30.38 -0.75 0.00	30.31 -0.78 0.00	30.66 -0.85 0.00	33.11 -0.81 0.00	36.75 -0.94 0.00	40.22 -1.29 0.00	43.41 -1.43 0.00	45.13 -1.44 0.00	45.83 -1.47 0.00	49.40 -1.59 -1.41	51.78 -1.60 -1.61	57.26 -1.76 -2.13	66.42 -1.97 -2.82	77.00 -2.16 -4.69	82.16 -2.09 -4.04	80.95 -2.05 -4.14	70.25 -1.79 -3.13	58.86 -1.58 -2.01	50.18 -1.59 -0.35	46.21 -1.52 -0.16
BROOKHAVEN___DRP 24191	53.05 3.61 0.00	42.48 3.18 0.00	37.95 2.84 0.00	33.91 2.60 0.00	33.59 2.46 0.00	33.42 2.33 0.00	33.94 2.43 0.00	36.88 2.95 0.00	41.31 3.62 0.00	44.74 3.24 0.00	48.92 4.08 0.00	51.96 4.42 -0.96	52.28 4.40 -0.57	54.86 4.96 -0.33	60.30 4.92 -3.60	70.11 4.89 -8.32	84.60 6.29 -12.74	92.81 7.22 -11.12	94.99 6.98 -7.80	91.83 6.23 -6.75	80.91 4.82 -7.18	62.77 3.68 -0.66	55.70 4.27 -0.01	52.00 4.42 0.00
BROOKLYN_NAVY_YARD 23515	52.42 2.97 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.51 2.19 -0.01	33.19 2.05 -0.01	33.16 2.05 -0.02	33.51 1.99 -0.01	36.28 2.34 -0.02	40.33 2.64 0.00	51.45 2.90 -7.04	57.27 3.50 -8.93	58.83 3.68 -8.58	60.67 3.83 -9.53	62.44 4.21 -8.66	65.08 4.45 -8.86	93.82 5.06 -31.86	98.23 5.90 -26.76	99.76 6.71 -18.58	101.67 7.06 -14.40	85.72 6.54 -0.32	74.16 5.23 -0.02	62.65 4.21 -0.02	60.13 3.75 -4.96	54.74 3.66 -3.50
BROOKLYN___ARMY_DRP 323595	52.77 3.31 -0.01	42.09 2.79 -0.01	37.60 2.49 -0.01	33.76 2.44 -0.01	33.47 2.33 -0.01	33.41 2.30 -0.02	33.82 2.30 -0.01	36.67 2.71 -0.02	40.59 2.90 0.00	51.81 3.20 -7.11	57.67 3.81 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	100.06 6.85 -18.74	102.12 7.38 -14.53	85.81 6.62 -0.33	74.17 5.24 -0.02	62.76 4.32 -0.02	60.64 4.22 -5.01	55.11 4.00 -3.53
BROOME_2_LFGE 323671	49.73 -0.45 -0.74	40.01 -0.39 -1.10	35.96 -0.32 -1.18	32.07 -0.16 -0.91	31.99 -0.19 -1.05	32.07 -0.22 -1.19	32.47 -0.25 -1.21	35.20 -0.07 -1.33	38.96 -0.19 -1.45	42.73 -0.41 -1.65	46.19 -0.54 -1.88	48.01 -0.37 -1.81	48.77 -0.38 -1.85	50.53 -0.45 -1.41	52.79 -0.36 -1.38	58.18 -0.34 -1.62	66.94 -0.26 -1.63	76.68 0.07 -2.13	82.31 0.24 -1.86	80.52 0.08 -1.59	70.05 0.14 -1.00	59.41 0.06 -0.93	52.54 -0.20 -1.33	47.59 -0.43 -0.45
BROOME___LFGE 323600	49.73 -0.45 -0.74	40.01 -0.39 -1.10	35.96 -0.32 -1.18	32.07 -0.16 -0.91	31.99 -0.19 -1.05	32.07 -0.22 -1.19	32.47 -0.25 -1.21	35.20 -0.07 -1.33	38.96 -0.19 -1.45	42.73 -0.41 -1.65	46.19 -0.54 -1.88	48.01 -0.37 -1.81	48.77 -0.38 -1.85	50.53 -0.45 -1.41	52.79 -0.36 -1.38	58.18 -0.34 -1.62	66.94 -0.26 -1.63	76.68 0.07 -2.13	82.31 0.24 -1.86	80.52 0.08 -1.59	70.05 0.14 -1.00	59.41 0.06 -0.93	52.54 -0.20 -1.33	47.59 -0.43 -0.45
BROWNFLS_115KV_TB 3_5 80003	49.74 0.30 0.00	39.37 0.08 0.00	35.17 0.07 0.00	31.25 -0.06 0.00	31.10 -0.03 0.00	31.00 -0.09 0.00	31.39 -0.13 0.00	33.79 -0.14 0.00	37.58 -0.11 0.00	41.29 -0.21 0.00	44.48 -0.36 0.00	46.11 -0.47 0.00	46.73 -0.57 0.00	48.68 -0.89 0.00	50.74 -1.04 0.00	55.59 -1.31 0.00	64.32 -1.25 0.00	73.53 -1.19 -0.25	79.54 -0.72 -0.06	78.85 0.00 0.00	69.05 0.14 0.00	58.65 0.23 0.00	51.52 0.10 0.00	47.72 0.14 0.00
BROWNSV1_27_KV_LOAD 356125	52.91 3.46 0.00	42.13 2.83 0.00	37.63 2.53 0.00	33.78 2.47 0.00	33.46 2.33 0.00	33.40 2.30 -0.02	33.78 2.27 0.00	36.69 2.75 -0.02	40.67 2.98 0.00	51.86 3.32 -7.04	57.76 3.99 -8.93	59.44 4.28 -8.58	61.23 4.40 -9.53	63.04 4.81 -8.66	65.70 5.07 -8.86	94.50 5.75 -31.86	99.08 6.75 -26.76	100.80 7.74 -18.58	102.87 8.26 -14.40	86.75 7.57 -0.32	74.99 6.06 -0.02	63.23 4.79 -0.02	60.91 4.52 -4.96	55.21 4.14 -3.50
BURROWS___LYONSDAL 23803	50.14 0.69 0.00	39.73 0.43 0.00	35.60 0.49 0.00	31.69 0.38 0.00	31.47 0.34 0.00	31.31 0.22 0.00	31.64 0.13 0.00	34.17 0.24 0.00	37.96 0.26 0.00	41.59 0.08 0.00	44.84 0.00 0.00	46.43 -0.14 0.00	47.16 -0.14 0.00	49.08 -0.50 0.00	51.26 -0.52 0.00	56.33 -0.57 0.00	65.11 -0.46 0.00	74.47 -0.22 -0.22	80.66 0.40 -0.05	79.64 0.79 0.00	69.88 0.96 0.00	59.30 0.88 0.00	51.93 0.51 0.00	48.00 0.43 0.00
CAITHNESS_CC_1 323624	52.90 3.46 0.00	42.56 3.26 0.00	37.77 2.67 0.00	33.82 2.51 0.00	33.46 2.34 0.00	33.36 2.27 0.00	33.85 2.33 0.00	36.71 2.78 0.00	41.16 3.47 0.00	45.11 3.61 0.00	48.97 4.12 0.00	51.91 4.38 -0.96	52.23 4.35 -0.57	54.76 4.86 -0.33	60.08 4.71 -3.60	69.95 4.78 -8.27	84.34 6.10 -12.67	92.39 6.85 -11.08	94.57 6.58 -7.79	91.51 5.92 -6.74	80.54 4.48 -7.15	62.59 3.50 -0.67	54.72 3.29 -0.01	51.91 4.33 0.00
CALPINE BETH_PAGE_GT4 24209	52.71 3.26 0.00	42.09 2.79 0.00	37.56 2.46 0.00	33.63 2.32 0.00	33.34 2.21 0.00	33.20 2.11 0.00	33.69 2.17 0.00	36.57 2.65 0.00	40.86 3.17 0.00	44.74 3.24 0.00	49.06 4.22 0.00	52.10 4.56 -0.96	52.42 4.54 -0.57	54.75 4.86 -0.32	57.40 4.81 -0.81	61.87 4.84 -0.13	71.72 5.97 -0.19	81.43 6.85 -0.11	86.73 6.50 -0.02	84.46 5.60 0.00	73.18 4.20 -0.07	61.95 3.45 -0.08	55.28 3.86 0.00	51.62 4.04 0.00
CALPINE_BETH_PAGE_GT_4 323586	52.71 3.26 0.00	42.25 2.95 0.00	37.52 2.42 0.00	33.63 2.32 0.00	33.31 2.18 0.00	33.20 2.12 0.00	33.66 2.14 0.00	36.47 2.55 0.00	40.82 3.13 0.00	44.95 3.44 0.00	49.15 4.31 0.00	51.96 4.43 -0.96	52.37 4.50 -0.57	54.76 4.86 -0.32	57.40 4.82 -0.81	61.87 4.83 -0.13	71.72 5.97 -0.19	81.29 6.71 -0.11	86.57 6.34 -0.02	84.46 5.60 0.00	73.18 4.20 -0.07	62.07 3.56 -0.08	54.61 3.19 0.00	51.57 4.00 0.00
CALPINE_BP_GT1 23823	52.71 3.26 0.00	42.25 2.95 0.00	37.52 2.42 0.00	33.63 2.32 0.00	33.31 2.18 0.00	33.20 2.12 0.00	33.66 2.14 0.00	36.47 2.55 0.00	40.82 3.13 0.00	44.95 3.44 0.00	49.15 4.31 0.00	51.96 4.43 -0.96	52.37 4.50 -0.57	54.76 4.86 -0.32	57.40 4.82 -0.81	61.87 4.83 -0.13	71.72 5.97 -0.19	81.29 6.71 -0.11	86.57 6.34 -0.02	84.46 5.60 0.00	73.18 4.20 -0.07	62.07 3.56 -0.08	54.61 3.19 0.00	51.57 4.00 0.00
CALSPAN___DRP 24200	39.14 -4.85 5.46	26.79 -4.32 8.19	22.48 -3.90 8.73	21.31 -3.23 6.77	20.07 -3.27 7.79	18.84 -3.39 8.86	19.09 -3.44 8.99	20.50 -3.53 9.90	23.18 -3.73 10.78	24.73 -4.57 12.21	25.90 -4.98 13.97	28.82 -4.98 12.77	29.03 -5.20 13.07	29.12 -5.40 15.04	30.17 -5.44 16.16	31.60 -6.20 19.10	36.75 -7.15 21.67	42.49 -7.82 24.16	47.26 -6.90 26.06	45.39 -7.18 26.29	44.32 -6.13 18.46	39.33 -5.26 13.83	35.15 -5.60 10.66	38.99 -4.85 3.73

CALVERTON___SOLAR 323806	53.20 3.76 0.00	42.79 3.50 0.00	37.98 2.88 0.00	33.97 2.66 0.00	33.62 2.49 0.00	33.48 2.39 0.00	34.00 2.49 0.00	36.85 2.92 0.00	41.35 3.66 0.00	45.28 3.78 0.00	49.11 4.26 0.00	52.10 4.57 -0.96	52.42 4.54 -0.57	55.06 5.16 -0.33	60.45 5.08 -3.60	70.42 5.18 -8.34	84.95 6.62 -12.77	93.06 7.45 -11.14	95.24 7.22 -7.81	92.23 6.62 -6.76	81.20 5.10 -7.19	63.11 4.03 -0.66	55.08 3.65 -0.01	52.19 4.61 0.00
CANDIGU_WT_PWR 323617	18.32 -2.32 28.80	-6.00 -2.08 43.21	-12.83 -1.86 46.07	-6.00 -1.56 35.75	-6.00 -1.68 35.45	-17.32 -1.62 46.79	-17.59 -1.64 47.47	-19.78 -1.42 52.29	-21.10 -1.88 56.91	-6.00 -2.57 44.93	-6.00 -3.41 47.43	-25.65 -3.17 69.05	-6.00 -3.17 50.13	-6.00 -3.32 52.25	-6.00 -3.31 54.46	-36.94 -3.53 90.31	-6.00 -3.67 67.90	-39.49 -3.06 110.90	-40.19 -2.81 117.59	-39.98 -2.60 116.23	-6.00 -2.14 72.78	-6.00 -1.93 62.49	-6.00 -1.95 55.47	25.98 -2.42 19.17
CARR STREET_E_SYR 24060	48.31 -1.14 0.00	38.43 -0.86 0.00	34.44 -0.67 0.00	30.78 -0.53 0.00	30.57 -0.56 0.00	30.53 -0.56 0.00	30.89 -0.63 0.00	33.42 -0.51 0.00	37.05 -0.64 0.00	40.63 -0.87 0.00	43.77 -1.08 0.00	45.55 -1.02 0.00	46.26 -1.04 0.00	47.66 -1.09 0.82	49.75 -1.09 0.93	54.47 -1.20 1.23	62.69 -1.25 1.63	71.96 -1.12 1.40	76.96 -1.20 2.05	75.27 -1.18 2.40	66.07 -1.03 1.82	56.32 -0.94 1.17	50.19 -1.03 0.20	46.34 -1.14 0.09
CARTHAGE___PAPER 23857	50.63 1.18 0.00	40.00 0.71 0.00	35.81 0.70 0.00	31.88 0.56 0.00	31.66 0.53 0.00	31.46 0.37 0.00	31.77 0.25 0.00	34.34 0.41 0.00	38.11 0.42 0.00	41.71 0.21 0.00	44.89 0.04 0.00	46.48 -0.09 0.00	47.21 -0.09 0.00	48.88 -0.69 0.00	51.00 -0.78 0.00	56.05 -0.85 0.00	65.04 -0.53 0.00	74.93 -0.07 -0.53	81.37 1.04 -0.12	80.67 1.82 0.00	70.78 1.86 0.00	60.05 1.63 0.00	52.45 1.03 0.00	48.38 0.81 0.00
CASSADAGA_WT_PWR 323784	40.08 -5.34 4.03	28.42 -4.83 6.04	24.27 -4.39 6.44	22.55 -3.76 5.00	21.51 -3.86 5.75	20.53 -4.01 6.54	20.81 -4.07 6.64	22.75 -3.87 7.31	25.44 -4.30 7.96	27.42 -5.06 9.02	28.84 -5.70 10.31	32.05 -5.17 9.36	32.10 -5.63 9.57	32.41 -5.75 11.42	33.50 -5.90 12.37	35.88 -6.43 14.59	41.37 -7.54 16.66	48.73 -7.15 18.59	53.98 -6.10 20.13	52.12 -6.31 20.43	49.27 -5.24 14.41	42.88 -4.85 10.70	39.14 -4.37 7.91	40.08 -4.71 2.78
CE_DUNWOOD___DRP 24194	52.02 2.57 0.00	41.46 2.16 0.00	37.04 1.93 0.00	33.28 1.97 0.00	32.97 1.84 0.00	32.89 1.80 0.00	33.28 1.76 0.00	36.10 2.17 0.00	40.03 2.34 0.00	44.08 2.57 0.00	47.98 3.14 0.00	49.97 3.40 0.00	50.80 3.50 0.00	53.44 3.87 0.00	55.86 4.09 0.00	61.51 4.61 0.00	71.01 5.44 0.00	80.73 6.26 0.00	86.87 6.66 0.00	84.85 5.99 0.00	73.67 4.76 0.00	62.10 3.68 0.00	54.97 3.55 0.00	50.86 3.28 0.00
CE_MILLWOOD___DRP 24193	51.92 2.47 0.00	41.38 2.08 0.00	36.96 1.86 0.00	33.22 1.91 0.00	32.90 1.77 0.00	32.86 1.77 0.00	33.22 1.70 0.00	36.03 2.10 0.00	39.95 2.26 0.00	43.99 2.49 0.00	47.89 3.05 0.00	49.83 3.26 0.00	50.66 3.36 0.00	53.29 3.72 0.00	55.71 3.93 0.00	61.34 4.44 0.00	70.81 5.25 0.00	80.50 6.03 0.00	86.63 6.42 0.00	84.61 5.76 0.00	73.46 4.55 0.00	61.98 3.56 0.00	54.86 3.45 0.00	50.72 3.14 0.00
CE_NYC2_DRP 24202	52.46 3.02 0.00	41.85 2.55 0.00	37.39 2.28 0.00	33.60 2.29 0.00	33.28 2.15 0.00	33.22 2.11 -0.02	33.63 2.11 0.00	36.45 2.51 -0.02	40.37 2.68 0.00	51.55 2.95 -7.10	57.39 3.54 -9.01	58.96 3.73 -8.65	60.75 3.83 -9.62	62.52 4.21 -8.73	65.11 4.40 -8.94	93.88 4.84 -32.14	98.20 5.64 -27.00	99.69 6.48 -18.74	101.64 6.90 -14.53	85.41 6.23 -0.33	73.89 4.96 -0.02	62.53 4.09 -0.02	60.38 3.96 -5.01	54.81 3.71 -3.53
CE_NYC_DRP 24195	52.46 3.02 0.00	41.81 2.51 0.00	37.35 2.25 0.00	33.57 2.25 0.00	33.25 2.12 0.00	33.19 2.08 -0.02	33.56 2.05 0.00	36.42 2.48 -0.02	40.37 2.68 0.00	51.52 2.99 -7.03	57.34 3.59 -8.91	58.96 3.82 -8.56	60.79 3.97 -9.52	62.52 4.31 -8.64	65.17 4.56 -8.84	93.87 5.18 -31.79	98.37 6.10 -26.71	100.01 7.00 -18.54	101.96 7.38 -14.37	85.88 6.70 -0.32	74.31 5.38 -0.02	62.70 4.26 -0.02	60.43 4.06 -4.95	54.82 3.76 -3.49
CHAFFEE___LFGE 323603	40.34 -4.60 4.51	28.36 -4.17 6.77	24.17 -3.72 7.22	22.64 -3.07 5.60	21.54 -3.14 6.44	20.50 -3.26 7.33	20.87 -3.21 7.44	22.79 -2.95 8.19	25.39 -3.39 8.91	27.13 -4.27 10.10	28.32 -4.98 11.55	31.53 -4.52 10.53	31.51 -5.02 10.77	31.85 -5.06 12.67	33.04 -5.07 13.66	35.01 -5.74 16.14	40.62 -6.56 18.39	48.00 -5.96 20.51	51.77 -6.26 22.18	49.86 -6.54 22.45	47.53 -5.58 15.81	42.02 -4.62 11.78	38.40 -4.16 8.86	39.76 -4.71 3.11
CHATEAUG_35_KV_LOAD 355732	49.59 0.15 0.00	39.30 0.00 0.00	34.89 -0.21 0.00	30.97 -0.34 0.00	30.79 -0.34 0.00	30.81 -0.28 0.00	31.33 -0.19 0.00	33.55 -0.37 0.00	37.39 -0.30 0.00	41.34 -0.17 0.00	44.62 -0.22 0.00	46.20 -0.37 0.00	46.78 -0.52 0.00	48.88 -0.69 0.00	50.89 -0.88 0.00	55.76 -1.14 0.00	64.26 -1.31 0.00	73.06 -1.41 0.00	78.61 -1.60 0.00	77.59 -1.26 0.00	67.81 -1.10 0.00	57.54 -0.88 0.00	50.85 -0.57 0.00	47.10 -0.48 0.00
CHATEAUG_WT_PWR 323614	49.54 0.10 0.00	39.22 -0.08 0.00	34.86 -0.24 0.00	30.94 -0.37 0.00	30.79 -0.34 0.00	30.81 -0.28 0.00	31.30 -0.22 0.00	33.56 -0.37 0.00	37.43 -0.26 0.00	41.42 -0.08 0.00	44.71 -0.13 0.00	46.30 -0.28 0.00	46.87 -0.43 0.00	48.98 -0.59 0.00	51.05 -0.72 0.00	55.88 -1.02 0.00	64.39 -1.18 0.00	73.13 -1.34 0.00	78.77 -1.44 0.00	77.59 -1.26 0.00	67.74 -1.17 0.00	57.48 -0.94 0.00	50.80 -0.61 0.00	47.10 -0.48 0.00
CHAT_HIGH_FALL_HYD 323578	49.59 0.15 0.00	39.30 0.00 0.00	34.89 -0.21 0.00	30.97 -0.34 0.00	30.79 -0.34 0.00	30.81 -0.28 0.00	31.33 -0.19 0.00	33.55 -0.37 0.00	37.39 -0.30 0.00	41.34 -0.17 0.00	44.62 -0.22 0.00	46.20 -0.37 0.00	46.78 -0.52 0.00	48.88 -0.69 0.00	50.89 -0.88 0.00	55.76 -1.14 0.00	64.26 -1.31 0.00	73.06 -1.41 0.00	78.61 -1.60 0.00	77.59 -1.26 0.00	67.81 -1.10 0.00	57.54 -0.88 0.00	50.85 -0.57 0.00	47.10 -0.48 0.00
CHAUTAUQUA___LFGE 323629	39.55 -4.99 4.90	27.46 -4.48 7.36	23.22 -4.04 7.84	21.84 -3.38 6.09	20.67 -3.46 7.01	19.55 -3.57 7.97	19.84 -3.59 8.08	21.67 -3.36 8.90	24.16 -3.85 9.69	25.84 -4.69 10.98	26.91 -5.38 12.55	30.25 -4.89 11.43	30.26 -5.35 11.70	30.51 -5.45 13.61	31.56 -5.54 14.68	33.51 -6.09 17.31	38.88 -7.01 19.67	45.98 -6.55 21.94	50.10 -6.42 23.69	48.37 -6.54 23.94	46.57 -5.52 16.83	41.11 -4.73 12.58	37.52 -4.32 9.58	39.46 -4.76 3.36
CHERRYST_13_KV_LD 356241	52.61 3.16 0.00	41.93 2.63 0.00	37.46 2.35 0.00	33.66 2.35 0.00	33.34 2.21 0.00	33.28 2.18 -0.02	33.66 2.14 0.00	36.52 2.58 -0.02	40.52 2.83 0.00	51.68 3.15 -7.03	57.52 3.77 -8.91	59.19 4.05 -8.56	60.98 4.16 -9.52	62.77 4.56 -8.64	65.43 4.81 -8.84	94.16 5.46 -31.79	98.63 6.36 -26.71	100.31 7.30 -18.54	102.36 7.78 -14.37	86.27 7.10 -0.32	74.65 5.72 -0.02	62.93 4.50 -0.02	60.59 4.22 -4.95	54.97 3.90 -3.49

CHESTROR_138KV_BK263 355645	51.42 1.98 0.00	40.99 1.69 0.00	36.61 1.51 0.00	32.85 1.53 0.00	32.56 1.43 0.00	32.49 1.40 0.00	32.87 1.36 0.00	35.59 1.66 0.00	39.50 1.81 0.00	43.45 1.95 0.00	47.22 2.38 0.00	49.14 2.56 0.00	49.95 2.65 0.00	52.45 2.88 0.00	54.88 3.11 0.00	60.48 3.58 0.00	69.76 4.20 0.00	79.39 4.92 0.00	85.42 5.21 0.00	83.51 4.65 0.00	72.64 3.72 0.00	61.28 2.86 0.00	54.20 2.78 0.00	50.10 2.52 0.00
CH_MIDHUDSON___DRP 24192	51.92 2.47 0.00	41.38 2.08 0.00	36.93 1.83 0.00	33.19 1.88 0.00	32.87 1.74 0.00	32.80 1.71 0.00	33.19 1.67 0.00	35.93 2.00 0.00	39.84 2.15 0.00	43.83 2.32 0.00	47.71 2.87 0.00	49.65 3.07 0.00	50.47 3.17 0.00	53.04 3.47 0.00	55.45 3.68 0.00	61.11 4.21 0.00	70.55 4.98 0.00	80.21 5.73 0.00	86.31 6.10 0.00	84.37 5.52 0.00	73.32 4.41 0.00	61.93 3.51 0.00	54.71 3.29 0.00	50.57 3.00 0.00
CH_MISC_IPPS 23765	52.21 2.77 0.00	41.57 2.28 0.00	37.10 2.00 0.00	33.32 2.01 0.00	33.00 1.87 0.00	32.92 1.83 0.00	33.31 1.80 0.00	35.93 2.00 0.00	39.99 2.30 0.00	43.99 2.49 0.00	47.98 3.14 0.00	49.83 3.26 0.00	50.71 3.41 0.00	53.24 3.67 0.00	55.71 3.93 0.00	61.57 4.67 0.00	71.01 5.44 0.00	80.73 6.26 0.00	86.86 6.65 0.00	85.08 6.23 0.00	73.88 4.96 0.00	62.34 3.91 0.00	54.86 3.45 0.00	50.86 3.28 0.00
CH_RES_BVR_FALLS 23983	49.35 -0.10 0.00	39.18 -0.12 0.00	34.93 -0.17 0.00	31.12 -0.19 0.00	30.97 -0.15 0.00	30.93 -0.15 0.00	31.39 -0.13 0.00	33.76 -0.17 0.00	37.50 -0.19 0.00	41.34 -0.17 0.00	44.62 -0.22 0.00	46.34 -0.23 0.00	47.02 -0.28 0.00	49.23 -0.34 0.00	51.36 -0.42 0.00	56.39 -0.51 0.00	64.98 -0.59 0.00	73.80 -0.67 0.00	79.57 -0.64 0.00	78.22 -0.63 0.00	68.36 -0.55 0.00	58.01 -0.41 0.00	51.11 -0.31 0.00	47.29 -0.28 0.00
CH_RES_NIAGARA 23895	38.73 -6.38 4.34	27.25 -5.54 6.51	23.22 -4.95 6.94	21.83 -4.10 5.38	20.79 -4.14 6.19	19.79 -4.26 7.04	20.05 -4.32 7.15	21.58 -4.48 7.87	24.34 -4.79 8.57	26.03 -5.77 9.71	27.46 -6.28 11.10	30.03 -6.43 10.11	30.14 -6.81 10.35	30.22 -6.94 12.42	31.37 -6.99 13.41	32.94 -8.08 15.88	37.96 -9.44 18.16	43.84 -10.35 20.28	48.61 -9.54 22.05	46.61 -9.86 22.39	44.64 -8.48 15.79	39.10 -7.65 11.67	35.50 -7.35 8.57	38.19 -6.38 3.01
CH_RES_SYRACUSE 23985	48.65 -0.79 0.00	38.71 -0.59 0.00	34.65 -0.46 0.00	31.00 -0.31 0.00	30.79 -0.34 0.00	30.75 -0.34 0.00	31.10 -0.41 0.00	33.66 -0.27 0.00	37.28 -0.41 0.00	40.88 -0.62 0.00	44.04 -0.81 0.00	45.88 -0.70 0.00	46.59 -0.71 0.00	48.78 -0.80 0.00	51.00 -0.78 0.00	56.10 -0.80 0.00	64.78 -0.78 0.00	74.72 -0.60 -0.84	79.84 -0.56 -0.19	78.22 -0.63 0.00	68.43 -0.48 0.00	57.95 -0.47 0.00	50.75 -0.67 0.00	46.72 -0.85 0.00
CLINTON_WT_PWR 323605	49.54 0.10 0.00	39.22 -0.08 0.00	34.86 -0.24 0.00	30.94 -0.37 0.00	30.79 -0.34 0.00	30.81 -0.28 0.00	31.30 -0.22 0.00	33.56 -0.37 0.00	37.43 -0.26 0.00	41.42 -0.08 0.00	44.71 -0.13 0.00	46.30 -0.28 0.00	46.87 -0.43 0.00	48.98 -0.59 0.00	51.05 -0.72 0.00	55.88 -1.02 0.00	64.39 -1.18 0.00	73.13 -1.34 0.00	78.77 -1.44 0.00	77.59 -1.26 0.00	67.74 -1.17 0.00	57.48 -0.94 0.00	50.80 -0.61 0.00	47.10 -0.48 0.00
CLINTON___LFGE 323618	50.19 0.74 0.00	39.73 0.43 0.00	35.28 0.18 0.00	31.31 0.00 0.00	31.13 0.00 0.00	31.18 0.09 0.00	31.71 0.19 0.00	34.03 0.10 0.00	37.88 0.19 0.00	41.88 0.37 0.00	45.16 0.32 0.00	46.76 0.19 0.00	47.35 0.05 0.00	49.47 -0.10 0.00	51.52 -0.26 0.00	56.44 -0.46 0.00	65.11 -0.46 0.00	73.95 -0.52 0.00	79.81 -0.40 0.00	78.62 -0.24 0.00	68.57 -0.34 0.00	58.19 -0.23 0.00	51.37 -0.05 0.00	47.67 0.10 0.00
COBBLENY_34_KV_TB1 80064	40.33 -4.60 4.51	28.36 -4.17 6.77	24.17 -3.72 7.22	22.64 -3.07 5.60	21.54 -3.14 6.44	20.50 -3.26 7.33	20.80 -3.28 7.44	22.38 -3.36 8.19	25.24 -3.54 8.91	27.09 -4.32 10.10	28.59 -4.71 11.55	31.34 -4.70 10.53	31.61 -4.92 10.77	31.80 -5.11 12.67	32.99 -5.13 13.66	34.90 -5.86 16.14	40.42 -6.75 18.39	46.59 -7.37 20.51	51.69 -6.34 22.18	49.70 -6.70 22.45	47.39 -5.72 15.81	41.73 -4.91 11.78	37.27 -5.30 8.86	39.85 -4.61 3.11
COFFEEN___115KV_TB3 355620	51.22 1.78 0.00	40.48 1.18 0.00	36.23 1.12 0.00	32.31 1.00 0.00	32.06 0.93 0.00	31.80 0.72 0.00	32.08 0.57 0.00	34.74 0.81 0.00	38.63 0.94 0.00	42.12 0.62 0.00	45.38 0.54 0.00	47.04 0.47 0.00	47.82 0.52 0.00	49.37 -0.20 0.00	51.62 -0.16 0.00	56.73 -0.17 0.00	65.90 0.33 0.00	76.01 0.89 -0.64	82.76 2.41 -0.14	82.17 3.31 0.00	72.02 3.10 0.00	60.87 2.45 0.00	53.01 1.59 0.00	48.96 1.38 0.00
COLDSPRG_115KV_BK1 355956	42.94 -3.86 2.65	31.75 -3.58 3.97	27.64 -3.23 4.23	25.33 -2.69 3.28	24.58 -2.77 3.78	23.90 -2.89 4.30	24.22 -2.93 4.36	26.24 -2.88 4.80	29.45 -3.02 5.23	31.93 -3.65 5.92	34.08 -3.99 6.77	36.73 -3.77 6.08	37.11 -3.97 6.22	37.45 -4.16 7.96	38.86 -4.19 8.72	41.89 -4.72 10.29	48.22 -5.44 11.90	55.43 -5.73 13.30	61.68 -4.01 14.52	59.56 -4.42 14.88	54.69 -3.65 10.58	47.19 -3.51 7.72	42.14 -4.01 5.27	42.14 -3.57 1.87
COLONIE_LFGE___ 323577	51.32 1.88 0.00	40.91 1.61 0.00	36.69 1.58 0.00	32.78 1.47 0.00	32.56 1.43 0.00	32.49 1.40 0.00	32.90 1.39 0.00	35.46 1.53 0.00	39.12 1.43 0.00	42.83 1.33 0.00	46.46 1.61 0.00	48.25 1.67 0.00	49.10 1.80 0.00	51.60 2.03 0.00	53.95 2.17 0.00	59.29 2.39 0.00	68.06 2.49 0.00	76.92 2.45 0.00	82.85 2.64 0.00	81.38 2.52 0.00	71.39 2.48 0.00	60.76 2.34 0.00	53.37 1.95 0.00	49.43 1.85 0.00
COOPERNY_115KV_TB1 80082	50.78 1.33 0.00	40.48 1.18 0.00	36.16 1.05 0.00	32.41 1.10 0.00	32.12 1.00 0.00	32.08 0.99 0.00	32.46 0.95 0.00	35.12 1.19 0.00	38.97 1.28 0.00	42.87 1.37 0.00	46.55 1.70 0.00	48.39 1.82 0.00	49.19 1.89 0.00	51.60 2.03 0.00	53.95 2.17 0.00	59.40 2.50 0.00	68.52 2.95 0.00	77.90 3.43 0.00	83.90 3.69 0.00	82.09 3.23 0.00	71.46 2.55 0.00	60.41 1.99 0.00	53.32 1.90 0.00	49.34 1.76 0.00
COPENHAGEN_WT_PWR 323753	50.73 1.28 0.00	40.12 0.83 0.00	35.91 0.81 0.00	32.03 0.72 0.00	31.78 0.65 0.00	31.56 0.47 0.00	31.86 0.35 0.00	34.50 0.58 0.00	38.29 0.60 0.00	41.88 0.37 0.00	45.07 0.23 0.00	46.76 0.19 0.00	47.54 0.24 0.00	49.12 -0.45 0.00	51.36 -0.42 0.00	56.44 -0.46 0.00	65.57 0.00 0.00	75.74 0.59 -0.68	82.12 1.76 -0.15	81.38 2.52 0.00	71.32 2.41 0.00	60.35 1.93 0.00	52.60 1.18 0.00	48.48 0.90 0.00
CORNELL_____ 23752	52.10 0.35 -2.31	42.95 0.20 -3.46	39.04 0.25 -3.69	34.49 0.31 -2.86	34.67 0.25 -3.29	35.08 0.25 -3.75	35.47 0.16 -3.80	38.42 0.31 -4.19	42.44 0.19 -4.56	46.50 -0.17 -5.16	50.43 -0.31 -5.91	51.92 -0.23 -5.58	52.82 -0.19 -5.71	54.66 -0.25 -5.33	57.08 -0.16 -5.46	63.33 -0.06 -6.48	72.77 0.20 -7.00	83.37 0.67 -8.23	89.85 1.44 -8.19	88.15 1.50 -7.80	75.57 1.38 -5.28	63.69 0.99 -4.28	56.18 0.41 -4.35	49.35 0.29 -1.49

CORONA V_69_KV_TB1 355595	52.41 2.97 0.00	41.89 2.59 0.00	37.39 2.28 0.00	33.50 2.19 0.00	33.21 2.09 0.00	33.08 1.99 0.00	33.53 2.02 0.00	36.40 2.48 0.00	40.59 2.90 0.00	44.49 2.99 0.00	48.74 3.90 0.00	51.73 4.19 -0.96	52.18 4.30 -0.57	54.60 4.71 -0.32	56.59 4.81 0.00	62.06 5.12 -0.04	71.96 6.36 -0.04	81.80 7.30 -0.04	87.35 7.14 0.00	85.16 6.31 0.00	73.80 4.89 0.01	62.15 3.74 0.01	55.28 3.86 0.00	51.57 4.00 0.00
CORTLAND_115KV_TB3 80093	50.15 -0.10 -0.81	40.43 -0.08 -1.21	36.40 0.00 -1.29	32.41 0.09 -1.00	32.31 0.03 -1.15	32.43 0.03 -1.31	32.81 -0.03 -1.33	35.46 0.07 -1.47	39.29 0.00 -1.59	43.02 -0.29 -1.81	46.55 -0.36 -2.07	48.25 -0.28 -1.96	49.02 -0.28 -2.00	50.83 -0.35 -1.60	53.07 -0.31 -1.61	58.54 -0.23 -1.87	67.36 -0.13 -1.92	77.22 0.15 -2.60	83.10 0.64 -2.24	81.36 0.55 -1.95	70.73 0.55 -1.26	59.89 0.35 -1.12	52.83 -0.05 -1.46	47.97 -0.10 -0.49
COXSACKIE___GT 23611	52.41 2.97 0.00	41.69 2.40 0.00	37.38 2.28 0.00	33.47 2.16 0.00	33.15 2.02 0.00	33.05 1.96 0.00	33.44 1.92 0.00	35.72 1.80 0.00	39.35 1.66 0.00	42.99 1.49 0.00	46.59 1.75 0.00	48.20 1.63 0.00	49.05 1.75 0.00	51.50 1.93 0.00	54.00 2.22 0.00	59.69 2.79 0.00	68.91 3.34 0.00	78.94 4.47 0.00	85.58 5.37 0.00	84.22 5.36 0.00	73.60 4.69 0.00	62.40 3.97 0.00	54.66 3.24 0.00	50.43 2.85 0.00
CPV_VALLEY___CC1 323721	51.03 1.58 0.00	40.71 1.41 0.00	36.33 1.23 0.00	32.63 1.31 0.00	32.34 1.21 0.00	32.27 1.18 0.00	32.65 1.13 0.00	35.29 1.36 0.00	39.20 1.51 0.00	43.08 1.58 0.00	46.91 2.06 0.00	48.76 2.19 0.00	49.57 2.27 0.00	52.05 2.48 0.00	54.41 2.64 0.00	59.97 3.07 0.00	69.17 3.60 0.00	78.49 4.02 0.00	84.46 4.25 0.00	82.72 3.86 0.00	71.94 3.03 0.00	60.82 2.40 0.00	53.58 2.16 0.00	49.67 2.09 0.00
CPV_VALLEY___CC2 323722	51.03 1.58 0.00	40.71 1.41 0.00	36.33 1.23 0.00	32.63 1.31 0.00	32.34 1.21 0.00	32.27 1.18 0.00	32.65 1.13 0.00	35.29 1.36 0.00	39.20 1.51 0.00	43.08 1.58 0.00	46.91 2.06 0.00	48.76 2.19 0.00	49.57 2.27 0.00	52.05 2.48 0.00	54.41 2.64 0.00	59.97 3.07 0.00	69.17 3.60 0.00	78.49 4.02 0.00	84.46 4.25 0.00	82.72 3.86 0.00	71.94 3.03 0.00	60.82 2.40 0.00	53.58 2.16 0.00	49.67 2.09 0.00
CRESCENT___HYD 24018	51.32 1.88 0.00	40.91 1.61 0.00	36.69 1.58 0.00	32.78 1.47 0.00	32.56 1.43 0.00	32.49 1.40 0.00	32.90 1.39 0.00	35.46 1.53 0.00	39.12 1.43 0.00	42.83 1.33 0.00	46.46 1.61 0.00	48.25 1.67 0.00	49.10 1.80 0.00	51.60 2.03 0.00	53.95 2.17 0.00	59.29 2.39 0.00	68.06 2.49 0.00	76.92 2.45 0.00	82.85 2.64 0.00	81.38 2.52 0.00	71.39 2.48 0.00	60.76 2.34 0.00	53.37 1.95 0.00	49.43 1.85 0.00
CRICKET___VALLEY_CC1 323756	51.42 1.98 0.00	41.02 1.73 0.00	36.65 1.54 0.00	32.94 1.63 0.00	32.65 1.52 0.00	32.58 1.49 0.00	32.93 1.42 0.00	35.59 1.66 0.00	39.50 1.81 0.00	43.41 1.91 0.00	47.35 2.51 0.00	49.23 2.65 0.00	50.09 2.79 0.00	52.65 3.07 0.00	54.98 3.21 0.00	60.60 3.70 0.00	69.77 4.20 0.00	79.09 4.62 0.00	85.02 4.81 0.00	83.19 4.33 0.00	72.43 3.51 0.00	61.28 2.86 0.00	53.99 2.57 0.00	50.14 2.57 0.00
CRICKET___VALLEY_CC2 323757	51.42 1.98 0.00	41.02 1.73 0.00	36.65 1.54 0.00	32.94 1.63 0.00	32.65 1.52 0.00	32.58 1.49 0.00	32.93 1.42 0.00	35.59 1.66 0.00	39.50 1.81 0.00	43.41 1.91 0.00	47.35 2.51 0.00	49.23 2.65 0.00	50.09 2.79 0.00	52.65 3.07 0.00	54.98 3.21 0.00	60.60 3.70 0.00	69.77 4.20 0.00	79.09 4.62 0.00	85.02 4.81 0.00	83.19 4.33 0.00	72.43 3.51 0.00	61.28 2.86 0.00	53.99 2.57 0.00	50.14 2.57 0.00
CRICKET___VALLEY_CC3 323758	51.42 1.98 0.00	41.02 1.73 0.00	36.65 1.54 0.00	32.94 1.63 0.00	32.65 1.52 0.00	32.58 1.49 0.00	32.93 1.42 0.00	35.59 1.66 0.00	39.50 1.81 0.00	43.41 1.91 0.00	47.35 2.51 0.00	49.23 2.65 0.00	50.09 2.79 0.00	52.65 3.07 0.00	54.98 3.21 0.00	60.60 3.70 0.00	69.77 4.20 0.00	79.09 4.62 0.00	85.02 4.81 0.00	83.19 4.33 0.00	72.43 3.51 0.00	61.28 2.86 0.00	53.99 2.57 0.00	50.14 2.57 0.00
CRUCIBLE_METL_DRP 24180	48.65 -0.79 0.00	38.71 -0.59 0.00	34.65 -0.46 0.00	31.00 -0.31 0.00	30.79 -0.34 0.00	30.75 -0.34 0.00	31.11 -0.41 0.00	33.59 -0.34 0.00	37.28 -0.41 0.00	40.84 -0.66 0.00	44.08 -0.76 0.00	45.83 -0.75 0.00	46.59 -0.71 0.00	48.78 -0.79 0.00	51.00 -0.78 0.00	56.05 -0.85 0.00	64.72 -0.85 0.00	74.49 -0.82 -0.84	79.76 -0.64 -0.19	78.14 -0.71 0.00	68.36 -0.55 0.00	57.84 -0.58 0.00	50.60 -0.82 0.00	46.77 -0.81 0.00
DAHOWA___HYDRO 323763	52.36 2.92 0.00	41.65 2.36 0.00	37.32 2.21 0.00	33.34 2.03 0.00	33.12 1.99 0.00	33.02 1.93 0.00	33.47 1.95 0.00	36.00 2.07 0.00	39.61 1.92 0.00	43.41 1.91 0.00	46.91 2.06 0.00	48.81 2.24 0.00	49.57 2.27 0.00	52.15 2.58 0.00	54.62 2.85 0.00	59.57 2.67 0.00	68.65 3.08 0.00	77.83 3.35 0.00	84.14 3.93 0.00	82.79 3.94 0.00	72.50 3.58 0.00	61.69 3.27 0.00	54.09 2.67 0.00	50.48 2.90 0.00
DANC___LFGE 323619	49.69 0.25 0.00	39.41 0.12 0.00	35.28 0.18 0.00	31.50 0.19 0.00	31.29 0.16 0.00	31.12 0.03 0.00	31.45 -0.06 0.00	34.03 0.10 0.00	37.73 0.04 0.00	41.30 -0.21 0.00	44.44 -0.40 0.00	46.15 -0.42 0.00	46.92 -0.38 0.00	49.13 -0.84 -0.40	51.40 -0.83 -0.46	56.59 -0.91 -0.60	65.71 -0.66 -0.80	76.00 -0.22 -1.76	81.93 0.48 -1.24	80.98 0.95 -1.17	70.77 0.96 -0.89	59.69 0.70 -0.57	51.73 0.21 -0.10	47.67 0.05 -0.04
DANSKAMMER___1 23586	52.21 2.77 0.00	41.57 2.28 0.00	37.10 2.00 0.00	33.32 2.01 0.00	33.00 1.87 0.00	32.92 1.83 0.00	33.31 1.80 0.00	35.93 2.00 0.00	39.99 2.30 0.00	43.99 2.49 0.00	47.98 3.14 0.00	49.83 3.26 0.00	50.71 3.41 0.00	53.24 3.67 0.00	55.71 3.93 0.00	61.57 4.67 0.00	71.01 5.44 0.00	80.73 6.26 0.00	86.86 6.65 0.00	85.08 6.23 0.00	73.88 4.96 0.00	62.34 3.91 0.00	54.86 3.45 0.00	50.86 3.28 0.00
DANSKAMMER___2 23589	52.21 2.77 0.00	41.57 2.28 0.00	37.10 2.00 0.00	33.32 2.01 0.00	33.00 1.87 0.00	32.92 1.83 0.00	33.31 1.80 0.00	35.93 2.00 0.00	39.99 2.30 0.00	43.99 2.49 0.00	47.98 3.14 0.00	49.83 3.26 0.00	50.71 3.41 0.00	53.24 3.67 0.00	55.71 3.93 0.00	61.57 4.67 0.00	71.01 5.44 0.00	80.73 6.26 0.00	86.86 6.65 0.00	85.08 6.23 0.00	73.88 4.96 0.00	62.34 3.91 0.00	54.86 3.45 0.00	50.86 3.28 0.00
DANSKAMMER___3 23590	52.21 2.77 0.00	41.57 2.28 0.00	37.10 2.00 0.00	33.32 2.01 0.00	33.00 1.87 0.00	32.92 1.83 0.00	33.31 1.80 0.00	35.93 2.00 0.00	39.99 2.30 0.00	43.99 2.49 0.00	47.98 3.14 0.00	49.83 3.26 0.00	50.71 3.41 0.00	53.24 3.67 0.00	55.71 3.93 0.00	61.57 4.67 0.00	71.01 5.44 0.00	80.73 6.26 0.00	86.86 6.65 0.00	85.08 6.23 0.00	73.88 4.96 0.00	62.34 3.91 0.00	54.86 3.45 0.00	50.86 3.28 0.00

DANSKAMMER___4 23591	52.21 2.77 0.00	41.57 2.28 0.00	37.10 2.00 0.00	33.32 2.01 0.00	33.00 1.87 0.00	32.92 1.83 0.00	33.31 1.80 0.00	35.93 2.00 0.00	39.99 2.30 0.00	43.99 2.49 0.00	47.98 3.14 0.00	49.83 3.26 0.00	50.71 3.41 0.00	53.24 3.67 0.00	55.71 3.93 0.00	61.57 4.67 0.00	71.01 5.44 0.00	80.73 6.26 0.00	86.86 6.65 0.00	85.08 6.23 0.00	73.88 4.96 0.00	62.34 3.91 0.00	54.86 3.45 0.00	50.86 3.28 0.00
DANSKAMMER___DIESEL 23592	52.21 2.77 0.00	41.58 2.28 0.00	37.11 2.00 0.00	33.31 2.00 0.00	33.00 1.87 0.00	32.92 1.83 0.00	33.31 1.80 0.00	36.03 2.10 0.00	39.99 2.30 0.00	44.03 2.53 0.00	47.94 3.09 0.00	49.88 3.31 0.00	50.71 3.41 0.00	53.24 3.67 0.00	55.71 3.93 0.00	61.51 4.61 0.00	71.01 5.44 0.00	80.88 6.40 0.00	87.03 6.82 0.00	85.08 6.23 0.00	73.88 4.96 0.00	62.28 3.86 0.00	55.02 3.60 0.00	50.81 3.24 0.00
DARBY___SOLAR 323810	52.11 2.67 0.00	41.46 2.16 0.00	37.14 2.04 0.00	33.22 1.91 0.00	33.00 1.87 0.00	32.89 1.80 0.00	33.31 1.80 0.00	35.86 1.93 0.00	39.46 1.77 0.00	43.25 1.74 0.00	46.77 1.93 0.00	48.62 2.05 0.00	49.38 2.08 0.00	51.95 2.38 0.00	54.41 2.64 0.00	59.40 2.50 0.00	68.45 2.88 0.00	77.60 3.13 0.00	83.82 3.61 0.00	82.48 3.63 0.00	72.22 3.31 0.00	61.46 3.04 0.00	53.89 2.47 0.00	50.24 2.66 0.00
DASHVILLE___HYD 23610	52.16 2.72 0.00	41.50 2.20 0.00	37.04 1.93 0.00	33.25 1.94 0.00	32.93 1.81 0.00	32.83 1.74 0.00	33.19 1.67 0.00	35.86 1.93 0.00	39.80 2.11 0.00	43.79 2.28 0.00	47.71 2.87 0.00	49.60 3.03 0.00	50.42 3.12 0.00	52.94 3.37 0.00	55.40 3.62 0.00	61.17 4.27 0.00	70.62 5.05 0.00	80.50 6.03 0.00	86.71 6.50 0.00	84.69 5.84 0.00	73.53 4.62 0.00	62.04 3.62 0.00	54.92 3.50 0.00	50.76 3.19 0.00
DELAWARE___LFGE 323621	50.53 1.09 0.00	40.20 0.90 0.00	35.91 0.81 0.00	32.16 0.85 0.00	31.91 0.78 0.00	31.83 0.75 0.00	32.18 0.66 0.00	34.81 0.88 0.00	38.67 0.98 0.00	42.46 0.95 0.00	45.92 1.08 0.00	47.76 1.16 -0.02	48.55 1.23 -0.02	50.78 1.19 -0.02	53.12 1.35 0.00	58.46 1.54 -0.02	67.36 1.77 -0.02	76.75 2.09 -0.19	82.68 2.41 -0.07	81.09 2.21 -0.03	70.79 1.86 -0.02	60.01 1.58 -0.01	52.77 1.34 -0.01	48.77 1.19 0.00
DERFIELD_115KV_TB7 355931	49.54 0.10 0.00	39.41 0.12 0.00	35.24 0.14 0.00	31.47 0.16 0.00	31.28 0.16 0.00	31.21 0.12 0.00	31.64 0.13 0.00	34.10 0.17 0.00	37.84 0.15 0.00	41.59 0.08 0.00	44.93 0.09 0.00	46.67 0.09 0.00	47.44 0.14 0.00	49.67 0.10 0.00	51.88 0.10 0.00	57.07 0.17 0.00	65.70 0.13 0.00	74.62 0.15 0.00	80.45 0.24 0.00	79.01 0.16 0.00	69.05 0.14 0.00	58.60 0.18 0.00	51.57 0.15 0.00	47.72 0.14 0.00
DOGLEVILLE___HYD 23807	50.58 1.14 0.00	40.16 0.86 0.00	35.88 0.77 0.00	32.06 0.75 0.00	31.84 0.72 0.00	31.74 0.65 0.00	32.15 0.63 0.00	34.64 0.71 0.00	38.45 0.75 0.00	42.25 0.75 0.00	45.61 0.76 0.00	47.32 0.75 0.00	48.06 0.76 0.00	50.22 0.64 0.00	52.39 0.62 0.00	57.53 0.63 0.00	66.03 0.46 0.00	74.92 0.45 0.00	80.93 0.72 0.00	79.64 0.79 0.00	69.67 0.76 0.00	59.06 0.64 0.00	52.14 0.72 0.00	48.29 0.71 0.00
DUNKIRK___115KV_TB_200 55889	39.56 -4.90 4.99	27.41 -4.40 7.49	23.16 -3.97 7.98	21.83 -3.29 6.19	20.64 -3.36 7.13	19.50 -3.48 8.10	19.73 -3.56 8.22	21.27 -3.60 9.06	23.99 -3.84 9.86	25.69 -4.65 11.17	27.00 -5.07 12.77	30.00 -4.94 11.64	30.19 -5.20 11.90	30.40 -5.35 13.82	31.44 -5.44 14.90	33.19 -6.15 17.57	38.59 -7.02 19.97	44.62 -7.60 22.26	49.84 -6.34 24.03	47.95 -6.62 24.28	46.27 -5.58 17.07	40.63 -5.02 12.76	36.38 -5.30 9.74	39.50 -4.66 3.42
DUNKIRK___1 23563	39.56 -4.90 4.99	27.41 -4.40 7.49	23.16 -3.97 7.98	21.83 -3.29 6.19	20.64 -3.36 7.13	19.50 -3.48 8.10	19.73 -3.56 8.22	21.27 -3.60 9.06	23.99 -3.84 9.86	25.69 -4.65 11.17	27.00 -5.07 12.77	30.00 -4.94 11.64	30.19 -5.20 11.90	30.40 -5.35 13.82	31.44 -5.44 14.90	33.19 -6.15 17.57	38.59 -7.02 19.97	44.62 -7.60 22.26	49.84 -6.34 24.03	47.95 -6.62 24.28	46.27 -5.58 17.07	40.63 -5.02 12.76	36.38 -5.30 9.74	39.50 -4.66 3.42
DUNKIRK___2 23564	39.56 -4.90 4.99	27.41 -4.40 7.49	23.16 -3.97 7.98	21.83 -3.29 6.19	20.64 -3.36 7.13	19.50 -3.48 8.10	19.73 -3.56 8.22	21.27 -3.60 9.06	23.99 -3.84 9.86	25.69 -4.65 11.17	27.00 -5.07 12.77	30.00 -4.94 11.64	30.19 -5.20 11.90	30.40 -5.35 13.82	31.44 -5.44 14.90	33.19 -6.15 17.57	38.59 -7.02 19.97	44.62 -7.60 22.26	49.84 -6.34 24.03	47.95 -6.62 24.28	46.27 -5.58 17.07	40.63 -5.02 12.76	36.38 -5.30 9.74	39.50 -4.66 3.42
DUNKIRK___3 23565	39.32 -4.75 5.38	26.94 -4.28 8.07	22.64 -3.86 8.61	21.44 -3.19 6.68	20.17 -3.27 7.69	18.99 -3.36 8.74	19.21 -3.44 8.87	20.70 -3.46 9.77	23.37 -3.69 10.63	24.98 -4.48 12.04	26.14 -4.93 13.77	29.17 -4.84 12.56	29.39 -5.06 12.85	29.54 -5.25 14.78	30.52 -5.33 15.92	32.16 -5.97 18.76	37.40 -6.88 21.29	43.30 -7.45 23.73	48.29 -6.34 25.58	46.42 -6.62 25.81	45.21 -5.58 18.12	39.87 -4.97 13.59	35.70 -5.24 10.48	39.29 -4.61 3.67
DUNKIRK___4 23566	39.32 -4.75 5.38	26.94 -4.28 8.07	22.64 -3.86 8.61	21.44 -3.19 6.68	20.17 -3.27 7.69	18.99 -3.36 8.74	19.21 -3.44 8.87	20.70 -3.46 9.77	23.37 -3.69 10.63	24.98 -4.48 12.04	26.14 -4.93 13.77	29.17 -4.84 12.56	29.39 -5.06 12.85	29.54 -5.25 14.78	30.52 -5.33 15.92	32.16 -5.97 18.76	37.40 -6.88 21.29	43.30 -7.45 23.73	48.29 -6.34 25.58	46.42 -6.62 25.81	45.21 -5.58 18.12	39.87 -4.97 13.59	35.70 -5.24 10.48	39.29 -4.61 3.67
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	52.11 2.67 0.00	41.54 2.24 0.00	37.11 2.00 0.00	33.35 2.04 0.00	33.03 1.90 0.00	32.98 1.90 0.00	33.34 1.83 0.00	36.17 2.24 0.00	40.10 2.41 0.00	44.20 2.70 0.00	48.12 3.27 0.00	50.11 3.54 0.00	50.94 3.64 0.00	53.59 4.02 0.00	56.02 4.25 0.00	61.74 4.84 0.00	71.27 5.70 0.00	81.02 6.55 0.00	87.11 6.90 0.00	85.08 6.23 0.00	73.88 4.96 0.00	62.28 3.86 0.00	55.17 3.75 0.00	51.00 3.43 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	51.82 2.37 0.00	41.26 1.96 0.00	36.82 1.72 0.00	33.06 1.75 0.00	32.78 1.65 0.00	32.71 1.62 0.00	33.09 1.58 0.00	35.79 1.87 0.00	39.73 2.04 0.00	43.74 2.24 0.00	47.58 2.74 0.00	49.51 2.93 0.00	50.33 3.03 0.00	52.84 3.27 0.00	55.29 3.52 0.00	61.00 4.10 0.00	70.42 4.85 0.00	80.13 5.66 0.00	86.23 6.02 0.00	84.29 5.44 0.00	73.26 4.34 0.00	61.75 3.33 0.00	54.61 3.19 0.00	50.48 2.90 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	52.36 2.92 0.00	41.85 2.55 0.00	37.35 2.25 0.00	33.50 2.19 0.00	33.18 2.05 0.00	33.09 1.99 -0.02	33.60 2.08 0.00	36.32 2.37 -0.02	40.22 2.53 0.00	51.39 2.78 -7.10	57.21 3.36 -9.01	50.39 3.54 -0.28	51.26 3.64 -0.31	53.82 3.97 -0.28	64.90 4.19 -8.94	93.65 4.61 -32.14	97.94 5.38 -27.00	99.31 6.11 -18.74	101.31 6.58 -14.53	85.10 5.91 -0.33	73.62 4.69 -0.02	62.29 3.86 -0.02	55.35 3.75 -0.18	54.62 3.52 -3.53

E179THST_13_KV_LOAD 356214	52.66 3.21 0.00	42.09 2.79 0.00	37.56 2.46 0.00	33.66 2.35 0.00	33.34 2.21 0.00	33.25 2.15 -0.02	33.75 2.24 0.00	36.49 2.54 -0.02	40.44 2.75 0.00	51.59 2.99 -7.10	57.48 3.63 -9.01	50.67 3.82 -0.28	51.54 3.93 -0.31	54.17 4.31 -0.28	65.27 4.56 -8.94	94.05 5.01 -32.14	98.40 5.84 -27.00	99.91 6.70 -18.74	101.96 7.22 -14.53	85.73 6.54 -0.33	74.17 5.24 -0.02	62.70 4.26 -0.02	55.71 4.11 -0.18	54.91 3.81 -3.53
EAST HAMPTON___GT 23717	53.74 4.30 0.00	43.23 3.93 0.00	38.12 3.02 0.00	33.91 2.60 0.00	33.40 2.27 0.00	33.26 2.18 0.00	33.75 2.24 0.00	36.71 2.78 0.00	41.35 3.66 0.00	45.32 3.82 0.00	49.33 4.48 0.00	52.47 4.93 -0.96	52.84 4.97 -0.57	55.75 5.85 -0.33	61.38 6.00 -3.61	71.47 6.20 -8.37	86.44 8.06 -12.81	94.49 8.86 -11.17	96.62 8.59 -7.82	93.35 7.73 -6.76	81.84 5.72 -7.21	63.29 4.21 -0.66	55.03 3.60 -0.01	52.00 4.43 0.00
EAST RIVER___6 23660	52.62 3.17 -0.01	41.94 2.63 -0.01	37.43 2.32 -0.01	33.60 2.28 -0.01	33.32 2.18 -0.01	33.25 2.14 -0.02	33.54 2.02 -0.01	36.35 2.41 -0.02	40.41 2.72 0.00	51.60 3.07 -7.03	57.43 3.68 -8.91	59.05 3.91 -8.56	60.89 4.07 -9.52	62.68 4.46 -8.64	65.32 4.71 -8.84	94.16 5.46 -31.79	98.70 6.43 -26.71	100.23 7.22 -18.54	102.21 7.62 -14.37	86.35 7.17 -0.32	74.65 5.72 -0.02	63.05 4.61 -0.02	60.43 4.06 -4.95	54.97 3.90 -3.49
EAST RIVER___7 23524	52.62 3.17 -0.01	41.94 2.63 -0.01	37.43 2.32 -0.01	33.60 2.28 -0.01	33.32 2.18 -0.01	33.25 2.14 -0.02	33.54 2.02 -0.01	36.35 2.41 -0.02	40.41 2.72 0.00	51.60 3.07 -7.03	57.43 3.68 -8.91	59.05 3.91 -8.56	60.89 4.07 -9.52	62.68 4.46 -8.64	65.32 4.71 -8.84	94.16 5.46 -31.79	98.70 6.43 -26.71	100.23 7.22 -18.54	102.21 7.62 -14.37	86.35 7.17 -0.32	74.65 5.72 -0.02	63.05 4.61 -0.02	60.43 4.06 -4.95	54.97 3.90 -3.49
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	52.02 2.57 0.00	41.46 2.16 0.00	37.04 1.93 0.00	33.28 1.97 0.00	32.97 1.84 0.00	32.89 1.80 0.00	33.28 1.76 0.00	36.10 2.17 0.00	40.03 2.34 0.00	44.08 2.57 0.00	47.98 3.14 0.00	49.97 3.40 0.00	50.80 3.50 0.00	53.44 3.87 0.00	55.86 4.09 0.00	61.51 4.61 0.00	71.01 5.44 0.00	80.73 6.26 0.00	86.87 6.66 0.00	84.85 5.99 0.00	73.67 4.76 0.00	62.10 3.68 0.00	54.97 3.55 0.00	50.86 3.28 0.00
EAST_HAMPTON___DIESEL 23722	53.70 4.25 0.00	43.19 3.89 0.00	38.09 2.98 0.00	33.85 2.54 0.00	33.37 2.24 0.00	33.23 2.14 0.00	33.69 2.17 0.00	36.64 2.72 0.00	41.27 3.58 0.00	45.28 3.78 0.00	49.24 4.40 0.00	52.38 4.84 -0.96	52.80 4.92 -0.57	55.70 5.80 -0.33	61.28 5.90 -3.61	71.41 6.15 -8.37	86.37 8.00 -12.81	94.42 8.78 -11.17	96.45 8.42 -7.82	93.26 7.65 -6.76	81.70 5.58 -7.21	63.17 4.09 -0.66	54.93 3.50 -0.01	51.91 4.33 0.00
EAST_POINT___SOLAR 323840	52.11 2.67 0.00	41.38 2.08 0.00	36.96 1.86 0.00	33.06 1.75 0.00	32.84 1.71 0.00	32.70 1.62 0.00	33.00 1.48 0.00	35.15 1.22 0.00	38.52 0.83 0.00	41.83 0.33 0.00	44.84 0.00 0.00	46.76 0.19 0.00	47.54 0.24 0.00	49.92 0.35 0.00	52.55 0.78 0.00	57.87 0.97 0.00	67.14 1.57 0.00	76.92 2.45 0.00	84.06 3.85 0.00	83.66 4.81 0.00	73.39 4.48 0.00	62.16 3.74 0.00	54.50 3.08 0.00	50.29 2.71 0.00
EAST_PULASKI___ESR 323781	48.80 -0.64 0.00	38.78 -0.51 0.00	34.72 -0.39 0.00	31.03 -0.28 0.00	30.82 -0.31 0.00	30.72 -0.37 0.00	31.07 -0.44 0.00	33.62 -0.31 0.00	37.24 -0.45 0.00	40.84 -0.67 0.00	43.90 -0.94 0.00	45.64 -0.93 0.00	46.36 -0.95 0.00	49.43 -1.19 -1.05	51.78 -1.19 -1.20	57.23 -1.25 -1.58	66.48 -1.18 -2.09	77.13 -0.97 -3.63	82.52 -0.72 -3.03	81.46 -0.47 -3.08	70.97 -0.27 -2.33	59.57 -0.35 -1.50	51.07 -0.61 -0.26	46.93 -0.76 -0.12
EAST_RIVER___1 323558	52.47 3.02 -0.01	41.86 2.55 -0.01	37.36 2.25 -0.01	33.57 2.26 -0.01	33.25 2.12 -0.01	33.19 2.08 -0.02	33.54 2.02 -0.01	36.32 2.37 -0.02	40.37 2.68 0.00	51.48 2.95 -7.03	57.38 3.63 -8.91	58.96 3.82 -8.56	60.79 3.97 -9.52	62.52 4.31 -8.64	65.17 4.56 -8.84	93.93 5.23 -31.79	98.37 6.10 -26.71	99.86 6.85 -18.54	101.80 7.22 -14.37	85.96 6.78 -0.32	74.31 5.38 -0.02	62.76 4.32 -0.02	60.23 3.86 -4.95	54.82 3.76 -3.49
EAST_RIVER___2 323559	52.62 3.17 -0.01	41.94 2.63 -0.01	37.43 2.32 -0.01	33.60 2.28 -0.01	33.32 2.18 -0.01	33.25 2.14 -0.02	33.54 2.02 -0.01	36.35 2.41 -0.02	40.41 2.72 0.00	51.60 3.07 -7.03	57.43 3.68 -8.91	59.05 3.91 -8.56	60.89 4.07 -9.52	62.68 4.46 -8.64	65.32 4.71 -8.84	94.16 5.46 -31.79	98.70 6.43 -26.71	100.23 7.22 -18.54	102.21 7.62 -14.37	86.35 7.17 -0.32	74.65 5.72 -0.02	63.05 4.61 -0.02	60.43 4.06 -4.95	54.97 3.90 -3.49
EAST___DELAWARE_HYD 23607	51.72 2.28 0.00	41.14 1.85 0.00	36.69 1.58 0.00	32.94 1.63 0.00	32.62 1.49 0.00	32.55 1.46 0.00	32.90 1.39 0.00	35.49 1.56 0.00	39.54 1.85 0.00	43.49 1.99 0.00	47.35 2.51 0.00	49.18 2.61 0.00	50.04 2.74 0.00	52.45 2.87 0.00	54.93 3.16 0.00	60.65 3.75 0.00	70.09 4.52 0.00	79.84 5.36 0.00	86.06 5.85 0.00	84.29 5.44 0.00	73.26 4.34 0.00	61.87 3.45 0.00	54.40 2.98 0.00	50.33 2.76 0.00
EIGHT_POINT___WT_PWR 323820	64.33 -2.67 -17.55	63.16 -2.47 -26.34	60.91 -2.28 -28.08	51.13 -1.97 -21.79	54.03 -2.18 -25.08	57.56 -2.05 -28.52	58.43 -2.02 -28.94	63.97 -1.83 -31.87	69.93 -2.45 -34.69	77.48 -3.32 -39.30	85.35 -4.44 -44.95	84.62 -4.28 -42.33	86.40 -4.21 -43.31	87.85 -4.31 -42.59	91.49 -4.30 -44.02	104.73 -4.55 -52.38	118.34 -4.59 -57.36	134.42 -3.88 -63.83	143.62 -3.53 -66.94	141.27 -3.00 -65.41	111.26 -2.41 -44.76	91.80 -2.10 -35.48	82.66 -2.26 -33.50	56.25 -2.85 -11.52
ELBRIDGE_115KV_TB2 80188	48.31 -1.14 0.00	38.43 -0.86 0.00	34.44 -0.67 0.00	30.81 -0.50 0.00	30.60 -0.53 0.00	30.53 -0.56 0.00	30.92 -0.60 0.00	33.39 -0.54 0.00	37.01 -0.68 0.00	40.55 -0.95 0.00	43.72 -1.12 0.00	45.50 -1.07 0.00	46.21 -1.09 0.00	48.38 -1.19 0.00	50.58 -1.19 0.00	55.65 -1.25 0.00	64.26 -1.31 0.00	74.03 -1.34 -0.90	79.29 -1.12 -0.20	77.67 -1.18 0.00	67.88 -1.03 0.00	57.49 -0.93 0.00	50.24 -1.18 0.00	46.43 -1.14 0.00
ELEC_TRO_TEK 24086	52.21 2.77 0.00	41.69 2.40 0.00	37.25 2.14 0.00	33.35 2.04 0.00	33.06 1.93 0.00	32.95 1.87 0.00	33.41 1.89 0.00	36.27 2.34 0.00	40.44 2.75 0.00	44.32 2.82 0.00	48.57 3.72 0.00	51.54 4.01 -0.96	51.94 4.07 -0.57	54.31 4.41 -0.32	56.23 4.45 0.00	61.64 4.72 -0.01	71.42 5.84 -0.01	81.19 6.70 -0.01	86.63 6.42 0.00	84.45 5.60 0.00	73.25 4.34 0.01	61.74 3.33 0.01	54.97 3.55 0.00	51.29 3.71 0.00
ELLENBURG_WT_PWR 323604	49.54 0.10 0.00	39.22 -0.08 0.00	34.86 -0.24 0.00	30.94 -0.37 0.00	30.79 -0.34 0.00	30.81 -0.28 0.00	31.30 -0.22 0.00	33.56 -0.37 0.00	37.43 -0.26 0.00	41.42 -0.08 0.00	44.71 -0.13 0.00	46.30 -0.28 0.00	46.87 -0.43 0.00	48.98 -0.59 0.00	51.05 -0.72 0.00	55.88 -1.02 0.00	64.39 -1.18 0.00	73.13 -1.34 0.00	78.77 -1.44 0.00	77.59 -1.26 0.00	67.74 -1.17 0.00	57.48 -0.94 0.00	50.80 -0.61 0.00	47.10 -0.48 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.47 -5.24 5.73	26.06 -4.64 8.60	21.76 -4.18 9.17	20.72 -3.48 7.11	19.42 -3.52 8.19	18.14 -3.64 9.31	18.41 -3.66 9.44	19.76 -3.77 10.40	22.37 -4.00 11.32	23.82 -4.86 12.83	24.88 -5.29 14.67	28.00 -5.36 13.22	28.20 -5.58 13.52	28.27 -5.75 15.55	29.01 -5.85 16.91	30.51 -6.66 19.74	35.51 -7.67 22.39	41.10 -8.42 24.96	45.69 -7.54 26.98	43.75 -7.89 27.22	43.05 -6.75 19.11	38.35 -5.78 14.29	34.38 -6.02 11.03	38.48 -5.23 3.87
EMPIRE_CC_1 323656	50.98 1.53 0.00	40.67 1.37 0.00	36.51 1.41 0.00	32.66 1.35 0.00	32.41 1.28 0.00	32.33 1.24 0.00	32.74 1.23 0.00	35.32 1.39 0.00	38.97 1.28 0.00	42.62 1.12 0.00	46.28 1.43 0.00	48.02 1.45 0.00	48.91 1.61 0.00	51.41 1.84 0.00	53.69 1.92 0.00	59.06 2.16 0.00	67.73 2.16 0.00	76.40 1.93 0.00	82.22 2.01 0.00	80.74 1.89 0.00	70.91 2.00 0.00	60.35 1.93 0.00	53.06 1.64 0.00	49.10 1.52 0.00
EMPIRE_CC_2 323658	50.98 1.53 0.00	40.67 1.37 0.00	36.51 1.41 0.00	32.66 1.35 0.00	32.41 1.28 0.00	32.33 1.24 0.00	32.74 1.23 0.00	35.32 1.39 0.00	38.97 1.28 0.00	42.62 1.12 0.00	46.28 1.43 0.00	48.02 1.45 0.00	48.91 1.61 0.00	51.41 1.84 0.00	53.69 1.92 0.00	59.06 2.16 0.00	67.73 2.16 0.00	76.40 1.93 0.00	82.22 2.01 0.00	80.74 1.89 0.00	70.91 2.00 0.00	60.35 1.93 0.00	53.06 1.64 0.00	49.10 1.52 0.00
ENORWICH_115KV_TB1 80156	52.84 2.22 -1.17	42.54 1.49 -1.75	38.30 1.33 -1.87	34.10 1.35 -1.45	34.04 1.25 -1.67	34.07 1.09 -1.89	34.26 0.82 -1.92	37.20 1.15 -2.12	41.20 1.21 -2.30	44.98 0.87 -2.61	48.55 0.72 -2.99	50.25 0.84 -2.83	51.10 0.90 -2.90	52.56 0.45 -2.54	55.02 0.67 -2.58	60.80 0.85 -3.04	70.24 1.44 -3.23	80.63 2.23 -3.92	87.74 3.77 -3.76	86.28 3.94 -3.48	74.68 3.45 -2.32	63.10 2.75 -1.94	55.44 1.85 -2.17	49.93 1.62 -0.74
ERIE_ST__34_KV_TB1-2 80199	40.77 -3.81 4.87	28.46 -3.54 7.30	24.16 -3.16 7.78	22.70 -2.57 6.04	21.53 -2.65 6.95	20.42 -2.77 7.90	20.72 -2.77 8.02	22.31 -3.15 8.83	25.18 -2.90 9.61	27.00 -3.61 10.89	28.44 -3.95 12.45	31.29 -3.87 11.42	31.55 -4.07 11.69	31.73 -4.21 13.63	32.91 -4.25 14.62	34.72 -4.84 17.34	40.33 -5.51 19.73	46.44 -6.03 22.00	51.55 -4.89 23.77	49.46 -5.36 24.03	47.47 -4.55 16.90	41.89 -3.91 12.62	37.37 -4.47 9.58	40.36 -3.85 3.36
ERIE_WT_PWR 323693	39.14 -4.84 5.46	26.75 -4.36 8.19	22.48 -3.90 8.73	21.31 -3.22 6.77	20.03 -3.30 7.79	18.81 -3.42 8.86	19.15 -3.37 8.99	20.87 -3.15 9.90	23.30 -3.62 10.78	24.77 -4.52 12.21	25.63 -5.25 13.97	28.96 -4.84 12.77	28.89 -5.35 13.07	29.13 -5.40 15.04	30.17 -5.44 16.16	31.71 -6.09 19.10	36.94 -6.95 21.67	43.91 -6.40 24.16	47.34 -6.82 26.06	45.54 -7.02 26.29	44.46 -6.00 18.46	39.68 -4.91 13.83	36.34 -4.42 10.66	38.89 -4.95 3.73
ESPRGFLD_115KV_TB1 80157	51.08 1.63 0.00	40.48 1.18 0.00	36.16 1.05 0.00	32.34 1.03 0.00	32.12 1.00 0.00	31.99 0.90 0.00	32.37 0.85 0.00	34.84 0.92 0.00	38.60 0.90 0.00	42.25 0.75 0.00	45.56 0.72 0.00	47.46 0.88 0.00	48.20 0.90 0.00	50.41 0.84 0.00	52.81 1.04 0.00	58.15 1.25 0.00	67.21 1.64 0.00	76.70 2.23 0.00	83.34 3.13 0.00	82.17 3.31 0.00	71.81 2.89 0.00	60.76 2.34 0.00	53.27 1.85 0.00	49.19 1.62 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	51.62 0.25 -1.93	42.31 0.12 -2.89	38.37 0.18 -3.09	33.96 0.25 -2.39	34.10 0.22 -2.76	34.41 0.19 -3.13	34.82 0.13 -3.18	37.67 0.24 -3.50	41.66 0.15 -3.81	45.61 -0.21 -4.32	49.47 -0.31 -4.94	51.01 -0.23 -4.67	51.84 -0.24 -4.78	53.70 -0.30 -4.42	56.09 -0.21 -4.52	62.09 -0.17 -5.36	71.48 0.13 -5.78	81.88 0.52 -6.88	88.18 1.20 -6.77	86.52 1.26 -6.41	74.41 1.17 -4.33	62.82 0.88 -3.52	55.36 0.31 -3.63	49.01 0.19 -1.24
ETNA____115KV_TB2 80207	51.62 0.25 -1.93	42.31 0.12 -2.89	38.37 0.18 -3.09	33.96 0.25 -2.39	34.10 0.22 -2.76	34.41 0.19 -3.13	34.82 0.13 -3.18	37.67 0.24 -3.50	41.66 0.15 -3.81	45.61 -0.21 -4.32	49.47 -0.31 -4.94	51.01 -0.23 -4.67	51.84 -0.24 -4.78	53.70 -0.30 -4.42	56.09 -0.21 -4.52	62.09 -0.17 -5.36	71.48 0.13 -5.78	81.88 0.52 -6.88	88.18 1.20 -6.77	86.52 1.26 -6.41	74.41 1.17 -4.33	62.82 0.88 -3.52	55.36 0.31 -3.63	49.01 0.19 -1.24
EUCLID__115KV_TB2 356179	48.06 -1.38 0.00	38.27 -1.02 0.00	34.26 -0.84 0.00	30.65 -0.66 0.00	30.44 -0.68 0.00	30.37 -0.72 0.00	30.76 -0.76 0.00	33.22 -0.71 0.00	36.83 -0.87 0.00	40.34 -1.16 0.00	43.54 -1.30 0.00	45.27 -1.30 0.00	46.02 -1.28 0.00	47.14 -1.39 1.05	49.18 -1.40 1.19	53.79 -1.54 1.57	61.84 -1.64 2.09	70.71 -1.79 1.98	75.87 -1.68 2.66	74.05 -1.73 3.07	65.08 -1.52 2.32	55.59 -1.34 1.49	49.72 -1.44 0.26	46.08 -1.38 0.12
E_CANADA_CAP_HY 24051	51.57 2.12 0.00	40.91 1.61 0.00	36.58 1.47 0.00	32.72 1.41 0.00	32.47 1.34 0.00	32.36 1.28 0.00	32.71 1.20 0.00	35.05 1.12 0.00	38.56 0.87 0.00	42.08 0.58 0.00	45.29 0.45 0.00	47.14 0.56 0.00	47.91 0.61 0.00	50.27 0.69 0.00	52.75 0.98 0.00	58.10 1.20 0.00	67.14 1.57 0.00	76.78 2.31 0.00	83.50 3.29 0.00	82.64 3.78 0.00	72.36 3.44 0.00	61.34 2.92 0.00	53.84 2.42 0.00	49.72 2.14 0.00
E_CANADA_MHWK_HY 24050	50.58 1.14 0.00	40.16 0.86 0.00	35.88 0.77 0.00	32.06 0.75 0.00	31.85 0.72 0.00	31.74 0.65 0.00	32.15 0.63 0.00	34.64 0.71 0.00	38.45 0.75 0.00	42.25 0.75 0.00	45.60 0.76 0.00	47.32 0.74 0.00	48.10 0.80 0.00	50.21 0.64 0.00	52.40 0.62 0.00	57.53 0.63 0.00	66.03 0.46 0.00	74.92 0.45 0.00	80.85 0.64 0.00	79.64 0.79 0.00	69.67 0.76 0.00	59.06 0.64 0.00	52.14 0.72 0.00	48.29 0.71 0.00
E_FISHKILL__LBMP 23776	51.67 2.22 0.00	41.18 1.89 0.00	36.82 1.72 0.00	33.06 1.75 0.00	32.78 1.65 0.00	32.71 1.62 0.00	33.09 1.58 0.00	35.86 1.93 0.00	39.73 2.04 0.00	43.74 2.24 0.00	47.58 2.74 0.00	49.51 2.93 0.00	50.33 3.03 0.00	52.89 3.32 0.00	55.29 3.52 0.00	60.88 3.98 0.00	70.22 4.66 0.00	79.83 5.36 0.00	85.82 5.61 0.00	83.90 5.05 0.00	72.91 4.00 0.00	61.58 3.15 0.00	54.50 3.09 0.00	50.43 2.85 0.00
FALCON__SEABRD_CC1 323796	50.09 0.64 0.00	39.65 0.35 0.00	35.21 0.11 0.00	31.28 -0.03 0.00	31.10 -0.03 0.00	31.12 0.03 0.00	31.64 0.13 0.00	33.96 0.03 0.00	37.84 0.15 0.00	41.83 0.33 0.00	45.16 0.32 0.00	46.76 0.19 0.00	47.35 0.05 0.00	49.47 -0.10 0.00	51.52 -0.26 0.00	56.44 -0.46 0.00	65.04 -0.53 0.00	73.87 -0.60 0.00	79.57 -0.64 0.00	78.38 -0.47 0.00	68.43 -0.48 0.00	58.01 -0.41 0.00	51.27 -0.15 0.00	47.58 0.00 0.00
FALCON__SEABRD_CC2 323797	50.09 0.64 0.00	39.65 0.35 0.00	35.21 0.11 0.00	31.28 -0.03 0.00	31.10 -0.03 0.00	31.12 0.03 0.00	31.64 0.13 0.00	33.96 0.03 0.00	37.84 0.15 0.00	41.83 0.33 0.00	45.16 0.32 0.00	46.76 0.19 0.00	47.35 0.05 0.00	49.47 -0.10 0.00	51.52 -0.26 0.00	56.44 -0.46 0.00	65.04 -0.53 0.00	73.87 -0.60 0.00	79.57 -0.64 0.00	78.38 -0.47 0.00	68.43 -0.48 0.00	58.01 -0.41 0.00	51.27 -0.15 0.00	47.58 0.00 0.00

FAR ROCKAWAY___4 23548	52.86 3.41 0.00	42.20 2.91 0.00	37.67 2.56 0.00	33.75 2.44 0.00	33.46 2.33 0.00	33.33 2.24 0.00	33.78 2.27 0.00	36.68 2.75 0.00	40.93 3.24 0.00	44.86 3.36 0.00	49.24 4.39 0.00	52.24 4.70 -0.96	52.75 4.87 -0.57	55.25 5.35 -0.32	57.26 5.49 0.00	62.80 5.86 -0.04	72.89 7.28 -0.04	82.85 8.34 -0.04	88.31 8.10 0.00	86.11 7.25 0.00	74.63 5.72 0.01	62.74 4.32 0.01	55.79 4.37 0.00	52.00 4.42 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	52.51 3.07 0.00	41.81 2.51 0.00	37.35 2.25 0.00	33.57 2.25 0.00	33.25 2.12 0.00	33.22 2.11 -0.02	33.60 2.08 0.00	36.45 2.51 -0.02	40.41 2.71 0.00	51.53 2.99 -7.04	57.36 3.59 -8.93	59.02 3.87 -8.58	60.81 3.97 -9.53	62.59 4.36 -8.66	65.24 4.61 -8.86	93.94 5.18 -31.86	98.42 6.10 -26.76	100.05 7.00 -18.58	101.99 7.38 -14.40	85.88 6.70 -0.32	74.31 5.38 -0.02	62.70 4.26 -0.02	60.44 4.06 -4.96	54.83 3.76 -3.50
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	52.51 3.07 0.00	41.85 2.55 0.00	37.39 2.28 0.00	33.57 2.25 0.00	33.28 2.15 0.00	33.22 2.11 -0.02	33.60 2.08 0.00	36.45 2.51 -0.02	40.41 2.71 0.00	51.53 2.99 -7.04	57.36 3.59 -8.93	59.02 3.87 -8.58	60.81 3.97 -9.53	62.59 4.36 -8.66	65.24 4.61 -8.86	93.94 5.18 -31.86	98.42 6.10 -26.76	100.05 7.00 -18.58	102.07 7.46 -14.40	85.96 6.78 -0.32	74.37 5.44 -0.02	62.70 4.26 -0.02	60.44 4.06 -4.96	54.83 3.76 -3.50
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	52.46 3.02 0.00	41.81 2.51 0.00	37.35 2.25 0.00	33.53 2.22 0.00	33.25 2.12 0.00	33.19 2.08 -0.02	33.56 2.05 0.00	36.42 2.48 -0.02	40.37 2.68 0.00	51.49 2.95 -7.04	57.31 3.54 -8.93	58.97 3.82 -8.58	60.76 3.93 -9.53	62.54 4.31 -8.66	65.19 4.56 -8.86	93.88 5.12 -31.86	98.36 6.03 -26.76	99.98 6.93 -18.58	101.91 7.30 -14.40	85.80 6.62 -0.32	74.24 5.31 -0.02	62.64 4.21 -0.02	60.39 4.01 -4.96	54.78 3.71 -3.50
FARRAGUT___LBMP 323566	52.41 2.97 0.00	41.77 2.48 0.00	37.32 2.21 0.00	33.53 2.22 0.00	33.21 2.09 0.00	33.19 2.08 -0.02	33.53 2.02 0.00	36.39 2.44 -0.02	40.33 2.64 0.00	51.49 2.95 -7.04	57.31 3.54 -8.93	58.93 3.77 -8.58	60.71 3.88 -9.53	62.49 4.26 -8.66	65.14 4.50 -8.86	93.82 5.06 -31.86	98.29 5.97 -26.76	99.90 6.85 -18.58	101.83 7.22 -14.40	85.72 6.54 -0.32	74.17 5.24 -0.02	62.58 4.15 -0.02	60.34 3.96 -4.96	54.74 3.66 -3.50
FARRCKWY_69_KV_BK2 55825	52.86 3.41 0.00	42.20 2.91 0.00	37.67 2.56 0.00	33.75 2.44 0.00	33.46 2.33 0.00	33.33 2.24 0.00	33.78 2.27 0.00	36.68 2.75 0.00	40.93 3.24 0.00	44.86 3.36 0.00	49.24 4.39 0.00	52.24 4.70 -0.96	52.75 4.87 -0.57	55.25 5.35 -0.32	57.26 5.49 0.00	62.80 5.86 -0.04	72.89 7.28 -0.04	82.85 8.34 -0.04	88.31 8.10 0.00	86.11 7.25 0.00	74.63 5.72 0.01	62.74 4.32 0.01	55.79 4.37 0.00	52.00 4.42 0.00
FENNER___WINDPWR 24204	49.89 0.44 0.00	39.61 0.31 0.00	35.46 0.35 0.00	31.69 0.38 0.00	31.44 0.31 0.00	31.37 0.28 0.00	31.74 0.22 0.00	34.30 0.37 0.00	37.99 0.30 0.00	41.67 0.17 0.00	44.93 0.09 0.00	46.76 0.19 0.00	47.49 0.19 0.00	49.20 0.05 0.42	51.40 0.10 0.48	56.44 0.17 0.63	65.13 0.40 0.83	74.56 0.67 0.58	80.32 1.12 1.01	78.81 1.18 1.22	69.09 1.10 0.93	58.70 0.88 0.59	51.83 0.51 0.10	47.87 0.34 0.05
FIBERTEK___ENERGY 23856	48.65 -0.79 0.00	38.71 -0.59 0.00	34.65 -0.46 0.00	31.00 -0.31 0.00	30.79 -0.34 0.00	30.75 -0.34 0.00	31.11 -0.41 0.00	33.59 -0.34 0.00	37.28 -0.41 0.00	40.84 -0.66 0.00	44.08 -0.76 0.00	45.83 -0.75 0.00	46.59 -0.71 0.00	48.78 -0.79 0.00	51.00 -0.78 0.00	56.05 -0.85 0.00	64.72 -0.85 0.00	74.49 -0.82 -0.84	79.76 -0.64 -0.19	78.14 -0.71 0.00	68.36 -0.55 0.00	57.84 -0.58 0.00	50.60 -0.82 0.00	46.77 -0.81 0.00
FITZPATRICK___ 23598	47.47 -1.98 0.00	37.88 -1.41 0.00	33.91 -1.19 0.00	30.31 -1.00 0.00	30.13 -1.00 0.00	30.06 -1.03 0.00	30.44 -1.07 0.00	32.91 -1.02 0.00	36.45 -1.24 0.00	40.01 -1.49 0.00	43.00 -1.84 0.00	44.71 -1.86 0.00	45.36 -1.94 0.00	47.54 -2.03 0.00	49.70 -2.07 0.00	54.62 -2.28 0.00	63.01 -2.56 0.00	67.20 -2.68 4.59	76.30 -2.88 1.03	76.02 -2.84 0.00	66.50 -2.41 0.00	56.32 -2.10 0.00	49.47 -1.95 0.00	45.62 -1.95 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	52.31 2.87 0.00	41.61 2.32 0.00	37.14 2.04 0.00	33.38 2.07 0.00	33.03 1.90 0.00	32.98 1.90 0.00	33.37 1.86 0.00	36.07 2.14 0.00	40.07 2.37 0.00	44.08 2.57 0.00	48.03 3.18 0.00	49.97 3.40 0.00	50.80 3.50 0.00	53.34 3.77 0.00	55.81 4.04 0.00	61.62 4.72 0.00	71.14 5.57 0.00	81.02 6.55 0.00	87.27 7.06 0.00	85.24 6.39 0.00	74.01 5.10 0.00	62.39 3.97 0.00	55.12 3.70 0.00	50.91 3.33 0.00
FORT ORANGE___ 23900	50.58 1.14 0.00	40.40 1.10 0.00	36.37 1.26 0.00	32.53 1.22 0.00	32.28 1.15 0.00	32.21 1.12 0.00	32.59 1.07 0.00	35.08 1.15 0.00	38.60 0.90 0.00	42.29 0.79 0.00	45.88 1.03 0.00	47.51 0.93 0.00	48.39 1.09 0.00	50.81 1.24 0.00	53.12 1.34 0.00	58.55 1.65 0.00	67.34 1.77 0.00	76.26 1.78 0.00	82.22 2.01 0.00	80.74 1.89 0.00	70.64 1.72 0.00	60.00 1.58 0.00	52.75 1.33 0.00	48.81 1.23 0.00
FORT_DRUM_COGEN 23780	50.93 1.48 0.00	40.28 0.98 0.00	36.05 0.95 0.00	32.12 0.81 0.00	31.88 0.75 0.00	31.65 0.56 0.00	31.96 0.44 0.00	34.57 0.64 0.00	38.45 0.75 0.00	41.96 0.46 0.00	45.20 0.36 0.00	46.85 0.28 0.00	47.59 0.28 0.00	49.18 -0.40 0.00	51.41 -0.36 0.00	56.50 -0.40 0.00	65.57 0.00 0.00	75.60 0.52 -0.61	82.19 1.84 -0.14	81.46 2.60 0.00	71.46 2.55 0.00	60.47 2.04 0.00	52.70 1.29 0.00	48.67 1.09 0.00
FOX_HILLS___ESR 323835	52.67 3.21 -0.02	42.06 2.75 -0.02	37.58 2.46 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.86 2.33 -0.02	36.56 2.61 -0.02	40.52 2.83 0.00	51.69 3.07 -7.11	57.62 3.77 -9.01	59.05 3.82 -8.65	60.71 3.79 -9.62	60.67 4.07 -7.03	61.67 4.29 -5.60	88.30 4.89 -26.51	93.76 5.70 -22.49	95.31 6.41 -14.44	93.76 6.81 -6.73	81.31 6.31 3.86	69.57 4.89 4.23	62.87 4.44 -0.02	60.33 3.91 -5.01	55.01 3.90 -3.53
FPL_FAR_ROCK_GT1 24212	52.85 3.41 0.00	42.36 3.07 0.00	37.63 2.53 0.00	33.75 2.44 0.00	33.43 2.30 0.00	33.33 2.24 0.00	33.75 2.24 0.00	36.58 2.65 0.00	40.89 3.20 0.00	45.07 3.57 0.00	49.28 4.44 0.00	52.24 4.70 -0.96	52.75 4.87 -0.57	55.25 5.36 -0.32	57.26 5.49 0.00	62.86 5.92 -0.04	72.89 7.28 -0.04	82.78 8.27 -0.04	88.23 8.02 0.00	86.10 7.25 0.00	74.56 5.65 0.01	62.85 4.44 0.01	55.22 3.80 0.00	51.95 4.37 0.00
FPL_FAR_ROCK_GT2 23815	52.85 3.41 0.00	42.36 3.07 0.00	37.63 2.53 0.00	33.75 2.44 0.00	33.43 2.30 0.00	33.33 2.24 0.00	33.75 2.24 0.00	36.58 2.65 0.00	40.89 3.20 0.00	45.07 3.57 0.00	49.28 4.44 0.00	52.24 4.70 -0.96	52.75 4.87 -0.57	55.25 5.36 -0.32	57.26 5.49 0.00	62.86 5.92 -0.04	72.89 7.28 -0.04	82.78 8.27 -0.04	88.23 8.02 0.00	86.10 7.25 0.00	74.56 5.65 0.01	62.85 4.44 0.01	55.22 3.80 0.00	51.95 4.37 0.00

FRANKLIN_FALL_HYD 24054	49.94 0.49 0.00	39.53 0.24 0.00	35.14 0.04 0.00	31.19 -0.13 0.00	31.04 -0.09 0.00	31.06 -0.03 0.00	31.61 0.09 0.00	33.93 0.00 0.00	37.81 0.11 0.00	41.79 0.29 0.00	45.02 0.18 0.00	46.67 0.09 0.00	47.25 -0.05 0.00	49.37 -0.20 0.00	51.36 -0.41 0.00	56.27 -0.63 0.00	64.98 -0.59 0.00	73.80 -0.67 0.00	79.57 -0.64 0.00	78.62 -0.24 0.00	68.57 -0.34 0.00	58.19 -0.23 0.00	51.32 -0.10 0.00	47.62 0.05 0.00
FREEPORT_EQUS_GT1 23764	52.71 3.26 0.00	42.25 2.95 0.00	37.52 2.42 0.00	33.63 2.32 0.00	33.31 2.18 0.00	33.20 2.12 0.00	33.66 2.14 0.00	36.47 2.55 0.00	40.78 3.09 0.00	44.95 3.44 0.00	49.15 4.31 0.00	52.05 4.52 -0.96	52.56 4.68 -0.57	55.00 5.11 -0.32	57.41 5.13 -0.51	62.45 5.46 -0.09	72.45 6.75 -0.12	82.15 7.60 -0.08	87.52 7.30 -0.01	85.40 6.54 0.00	73.92 4.96 -0.04	62.45 3.97 -0.05	54.92 3.50 0.00	51.76 4.19 0.00
FREEPORT___CT2 23818	52.71 3.26 0.00	42.25 2.95 0.00	37.52 2.42 0.00	33.63 2.32 0.00	33.31 2.18 0.00	33.20 2.12 0.00	33.66 2.14 0.00	36.47 2.55 0.00	40.78 3.09 0.00	44.95 3.44 0.00	49.15 4.31 0.00	52.05 4.52 -0.96	52.56 4.68 -0.57	55.00 5.11 -0.32	57.41 5.13 -0.51	62.45 5.46 -0.09	72.45 6.75 -0.12	82.15 7.60 -0.08	87.52 7.30 -0.01	85.40 6.54 0.00	73.92 4.96 -0.04	62.45 3.97 -0.05	54.92 3.50 0.00	51.76 4.19 0.00
FRESHKLS_33_KV_LOAD 356253	52.77 3.31 -0.02	42.18 2.87 -0.02	37.68 2.56 -0.02	33.86 2.54 -0.02	33.57 2.43 -0.02	33.54 2.43 -0.02	33.99 2.46 -0.02	36.70 2.75 -0.02	40.67 2.98 0.00	51.81 3.20 -7.11	57.71 3.86 -9.01	59.14 3.91 -8.65	60.75 3.83 -9.62	60.72 4.11 -7.03	61.73 4.35 -5.60	88.36 4.95 -26.51	93.83 5.77 -22.49	95.38 6.48 -14.44	93.92 6.97 -6.73	81.38 6.38 3.86	69.71 5.03 4.23	63.11 4.68 -0.02	60.49 4.06 -5.01	55.11 4.00 -3.53
FULTON COGEN____ 23766	47.91 -1.53 0.00	38.20 -1.10 0.00	34.19 -0.91 0.00	30.59 -0.72 0.00	30.38 -0.75 0.00	30.31 -0.78 0.00	30.66 -0.85 0.00	33.11 -0.81 0.00	36.75 -0.94 0.00	40.22 -1.29 0.00	43.41 -1.43 0.00	45.13 -1.44 0.00	45.83 -1.47 0.00	49.40 -1.59 -1.41	51.78 -1.60 -1.61	57.26 -1.76 -2.13	66.42 -1.97 -2.82	77.00 -2.16 -4.69	82.16 -2.09 -4.04	80.95 -2.05 -4.14	70.25 -1.79 -3.13	58.86 -1.58 -2.01	50.18 -1.59 -0.35	46.21 -1.52 -0.16
FULTON___LFGE 323630	51.87 2.42 0.00	41.18 1.89 0.00	36.82 1.72 0.00	32.94 1.63 0.00	32.68 1.56 0.00	32.58 1.49 0.00	32.90 1.39 0.00	35.22 1.29 0.00	38.71 1.02 0.00	42.25 0.75 0.00	45.47 0.63 0.00	47.27 0.70 0.00	48.10 0.80 0.00	50.46 0.89 0.00	52.96 1.19 0.00	58.32 1.42 0.00	67.47 1.90 0.00	77.15 2.68 0.00	83.98 3.77 0.00	83.11 4.26 0.00	72.77 3.86 0.00	61.69 3.27 0.00	54.14 2.72 0.00	50.00 2.43 0.00
G.F.CEMENT___DRP 24184	52.91 3.46 0.00	42.05 2.75 0.00	37.63 2.53 0.00	33.63 2.32 0.00	33.40 2.27 0.00	33.30 2.21 0.00	33.75 2.24 0.00	36.34 2.41 0.00	39.99 2.30 0.00	43.99 2.49 0.00	47.31 2.47 0.00	49.28 2.70 0.00	50.00 2.70 0.00	52.55 2.97 0.00	55.09 3.31 0.00	60.77 3.87 0.00	70.35 4.79 0.00	80.06 5.59 0.00	86.71 6.50 0.00	85.08 6.23 0.00	74.50 5.58 0.00	63.21 4.79 0.00	55.38 3.96 0.00	51.00 3.43 0.00
GARDENVILLE___LBMP 24039	38.22 -4.94 6.28	25.43 -4.44 9.42	21.09 -3.97 10.05	20.23 -3.29 7.80	18.79 -3.36 8.97	17.43 -3.45 10.20	17.67 -3.50 10.35	18.93 -3.60 11.40	21.44 -3.84 12.41	22.80 -4.65 14.06	23.70 -5.07 16.08	26.78 -5.12 14.68	26.94 -5.35 15.02	27.05 -5.50 17.02	27.88 -5.59 18.30	28.98 -6.37 21.55	33.92 -7.28 24.37	39.35 -7.97 27.15	43.92 -7.06 29.23	42.10 -7.33 29.42	42.03 -6.27 20.61	37.47 -5.43 15.52	33.53 -5.71 12.18	38.37 -4.95 4.26
GARDNVLA_35_KV_LD 355827	39.50 -4.80 5.15	27.25 -4.32 7.72	22.97 -3.90 8.23	21.70 -3.23 6.39	20.51 -3.27 7.35	19.34 -3.39 8.36	19.60 -3.44 8.48	21.05 -3.53 9.35	23.79 -3.73 10.17	25.46 -4.52 11.52	26.73 -4.93 13.18	29.58 -4.94 12.06	29.80 -5.16 12.34	29.91 -5.35 14.31	30.97 -5.44 15.37	32.57 -6.15 18.19	37.82 -7.08 20.66	43.69 -7.74 23.04	48.52 -6.82 24.87	46.63 -7.10 25.13	45.19 -6.06 17.66	40.02 -5.20 13.21	35.77 -5.55 10.09	39.23 -4.81 3.54
GELCKHM___115KV_LOAD 80723	48.26 -1.19 0.00	38.43 -0.86 0.00	34.40 -0.70 0.00	30.78 -0.53 0.00	30.57 -0.56 0.00	30.50 -0.59 0.00	30.88 -0.63 0.00	33.35 -0.58 0.00	37.01 -0.68 0.00	40.55 -0.95 0.00	43.72 -1.12 0.00	45.50 -1.07 0.00	46.21 -1.09 0.00	47.74 -1.14 0.69	49.80 -1.19 0.78	54.61 -1.25 1.03	62.89 -1.31 1.37	72.06 -1.41 1.00	77.25 -1.28 1.68	75.50 -1.34 2.01	66.22 -1.17 1.52	56.39 -1.05 0.98	50.01 -1.23 0.17	46.31 -1.19 0.08
GENERAL___MILLS 23808	39.14 -4.85 5.46	26.79 -4.32 8.19	22.48 -3.90 8.73	21.31 -3.23 6.77	20.07 -3.27 7.79	18.84 -3.39 8.86	19.09 -3.44 8.99	20.50 -3.53 9.90	23.18 -3.73 10.78	24.73 -4.57 12.21	25.90 -4.98 13.97	28.82 -4.98 12.77	29.03 -5.20 13.07	29.12 -5.40 15.04	30.17 -5.44 16.16	31.60 -6.20 19.10	36.75 -7.15 21.67	42.49 -7.82 24.16	47.26 -6.90 26.06	45.39 -7.18 26.29	44.32 -6.13 18.46	39.33 -5.26 13.83	35.15 -5.60 10.66	38.99 -4.85 3.73
GE_PLASTICS___DRP 24183	50.33 0.89 0.00	40.20 0.90 0.00	36.09 0.98 0.00	32.28 0.97 0.00	32.06 0.93 0.00	31.99 0.90 0.00	32.40 0.88 0.00	34.95 1.02 0.00	38.48 0.79 0.00	42.29 0.79 0.00	45.78 0.94 0.00	47.51 0.93 0.00	48.29 0.99 0.00	50.71 1.14 0.00	53.02 1.24 0.00	58.32 1.42 0.00	67.08 1.51 0.00	76.11 1.64 0.00	81.89 1.68 0.00	80.27 1.42 0.00	70.22 1.31 0.00	59.65 1.23 0.00	52.55 1.13 0.00	48.58 1.00 0.00
GILBOA___1 23756	50.43 0.99 0.00	40.20 0.90 0.00	35.98 0.88 0.00	32.22 0.91 0.00	31.97 0.84 0.00	31.90 0.81 0.00	32.30 0.79 0.00	34.84 0.92 0.00	38.63 0.94 0.00	42.38 0.87 0.00	45.96 1.12 0.00	47.74 1.16 0.00	48.53 1.23 0.00	50.91 1.34 0.00	53.22 1.45 0.00	58.55 1.65 0.00	67.27 1.70 0.00	76.11 1.64 0.00	81.90 1.69 0.00	80.43 1.58 0.00	70.22 1.31 0.00	59.70 1.28 0.00	52.65 1.23 0.00	48.81 1.23 0.00
GILBOA___2 23757	50.43 0.99 0.00	40.20 0.90 0.00	35.98 0.88 0.00	32.22 0.91 0.00	31.97 0.84 0.00	31.90 0.81 0.00	32.30 0.79 0.00	34.84 0.92 0.00	38.63 0.94 0.00	42.38 0.87 0.00	45.96 1.12 0.00	47.74 1.16 0.00	48.53 1.23 0.00	50.91 1.34 0.00	53.22 1.45 0.00	58.55 1.65 0.00	67.27 1.70 0.00	76.11 1.64 0.00	81.90 1.69 0.00	80.43 1.58 0.00	70.22 1.31 0.00	59.70 1.28 0.00	52.65 1.23 0.00	48.81 1.23 0.00
GILBOA___3 23758	50.43 0.99 0.00	40.20 0.90 0.00	35.98 0.88 0.00	32.22 0.91 0.00	31.97 0.84 0.00	31.90 0.81 0.00	32.30 0.79 0.00	34.84 0.92 0.00	38.63 0.94 0.00	42.38 0.87 0.00	45.96 1.12 0.00	47.74 1.16 0.00	48.53 1.23 0.00	50.91 1.34 0.00	53.22 1.45 0.00	58.55 1.65 0.00	67.27 1.70 0.00	76.11 1.64 0.00	81.90 1.69 0.00	80.43 1.58 0.00	70.22 1.31 0.00	59.70 1.28 0.00	52.65 1.23 0.00	48.81 1.23 0.00

GILBOA___4 23759	50.43 0.99 0.00	40.20 0.90 0.00	35.98 0.88 0.00	32.22 0.91 0.00	31.97 0.84 0.00	31.90 0.81 0.00	32.30 0.79 0.00	34.84 0.92 0.00	38.63 0.94 0.00	42.38 0.87 0.00	45.96 1.12 0.00	47.74 1.16 0.00	48.53 1.23 0.00	50.91 1.34 0.00	53.22 1.45 0.00	58.55 1.65 0.00	67.27 1.70 0.00	76.11 1.64 0.00	81.90 1.69 0.00	80.43 1.58 0.00	70.22 1.31 0.00	59.70 1.28 0.00	52.65 1.23 0.00	48.81 1.23 0.00
GILBOA____ 23599	50.48 1.04 0.00	40.20 0.90 0.00	35.98 0.88 0.00	32.22 0.91 0.00	31.97 0.84 0.00	31.90 0.81 0.00	32.30 0.79 0.00	34.88 0.95 0.00	38.63 0.94 0.00	42.46 0.95 0.00	45.96 1.12 0.00	47.74 1.16 0.00	48.53 1.23 0.00	50.91 1.34 0.00	53.22 1.45 0.00	58.55 1.65 0.00	67.27 1.70 0.00	76.26 1.79 0.00	82.05 1.84 0.00	80.43 1.58 0.00	70.29 1.38 0.00	59.82 1.40 0.00	52.76 1.34 0.00	48.81 1.24 0.00
GINNA____ 23603	43.50 -4.99 0.95	33.63 -4.24 1.42	29.79 -3.79 1.52	26.94 -3.19 1.18	26.60 -3.18 1.36	26.28 -3.26 1.54	26.67 -3.28 1.56	29.08 -3.12 1.72	32.39 -3.43 1.87	35.39 -3.98 2.12	37.84 -4.57 2.43	39.80 -4.47 2.31	40.07 -4.87 2.36	40.10 -4.96 4.52	41.77 -5.13 4.88	45.11 -5.63 6.16	51.90 -6.17 7.50	59.71 -6.33 8.43	63.99 -6.82 9.40	61.99 -6.86 10.00	55.61 -6.00 7.30	48.28 -5.08 5.06	44.37 -4.68 2.37	41.71 -4.99 0.87
GLEN PARK____ 23778	51.17 1.73 0.00	40.44 1.14 0.00	36.19 1.09 0.00	32.28 0.97 0.00	32.03 0.90 0.00	31.74 0.65 0.00	32.05 0.54 0.00	34.74 0.81 0.00	38.56 0.87 0.00	42.13 0.62 0.00	45.34 0.49 0.00	47.04 0.47 0.00	47.82 0.52 0.00	49.32 -0.25 0.00	51.57 -0.21 0.00	56.67 -0.23 0.00	65.90 0.33 0.00	76.15 1.04 -0.64	82.76 2.40 -0.14	82.17 3.31 0.00	72.02 3.10 0.00	60.93 2.51 0.00	53.02 1.60 0.00	48.86 1.29 0.00
GLENDALE_27_KV_LOAD 356172	52.71 3.26 0.00	42.05 2.75 0.00	37.56 2.46 0.00	33.72 2.41 0.00	33.40 2.27 0.00	33.37 2.27 -0.02	33.78 2.27 0.00	36.62 2.68 -0.02	40.56 2.86 0.00	51.76 3.15 -7.10	57.66 3.81 -9.01	59.23 4.01 -8.65	61.03 4.12 -9.62	62.82 4.51 -8.73	65.47 4.76 -8.94	94.27 5.23 -32.14	98.66 6.10 -27.00	100.21 7.00 -18.74	102.20 7.46 -14.53	86.04 6.86 -0.33	74.37 5.44 -0.02	62.94 4.50 -0.02	60.69 4.27 -5.01	55.10 4.00 -3.53
GLENWOOD_IC_1_G5 23712	52.41 2.97 0.00	41.81 2.51 0.00	37.35 2.25 0.00	33.47 2.16 0.00	33.18 2.05 0.00	33.08 1.99 0.00	33.53 2.02 0.00	36.37 2.44 0.00	40.52 2.83 0.00	44.49 2.99 0.00	48.70 3.86 0.00	51.68 4.15 -0.96	52.13 4.26 -0.57	54.55 4.66 -0.32	56.59 4.81 0.00	62.14 5.23 -0.01	71.54 5.97 -0.01	81.25 6.78 -0.01	86.95 6.74 0.00	84.85 5.99 0.00	73.53 4.62 0.00	62.33 3.91 0.00	55.28 3.86 0.00	51.43 3.85 0.00
GLENWOOD_IC_2_G1 23688	52.21 2.77 0.00	41.73 2.44 0.00	37.18 2.07 0.00	33.38 2.07 0.00	33.06 1.93 0.00	32.99 1.90 0.00	33.37 1.86 0.00	36.13 2.20 0.00	40.26 2.56 0.00	44.36 2.86 0.00	48.43 3.59 0.00	51.30 3.77 -0.96	51.80 3.92 -0.57	54.16 4.26 -0.32	56.23 4.45 0.00	61.79 4.89 0.00	71.40 5.83 0.00	81.03 6.55 0.00	86.86 6.65 0.00	84.93 6.07 0.00	73.67 4.75 0.00	62.22 3.80 0.00	54.76 3.34 0.00	51.15 3.57 0.00
GLENWOOD_IC_3_G1 23689	52.21 2.77 0.00	41.73 2.44 0.00	37.18 2.07 0.00	33.38 2.07 0.00	33.06 1.93 0.00	32.99 1.90 0.00	33.37 1.86 0.00	36.13 2.20 0.00	40.26 2.56 0.00	44.36 2.86 0.00	48.43 3.59 0.00	51.30 3.77 -0.96	51.80 3.92 -0.57	54.16 4.26 -0.32	56.23 4.45 0.00	61.79 4.89 0.00	71.40 5.83 0.00	81.03 6.55 0.00	86.86 6.65 0.00	84.93 6.07 0.00	73.67 4.75 0.00	62.22 3.80 0.00	54.76 3.34 0.00	51.15 3.57 0.00
GLENWOOD___4 23550	52.41 2.97 0.00	41.81 2.51 0.00	37.35 2.25 0.00	33.47 2.16 0.00	33.18 2.05 0.00	33.08 1.99 0.00	33.53 2.02 0.00	36.37 2.44 0.00	40.52 2.83 0.00	44.49 2.99 0.00	48.70 3.86 0.00	51.68 4.15 -0.96	52.13 4.26 -0.57	54.55 4.66 -0.32	56.59 4.81 0.00	62.14 5.23 -0.01	71.67 6.10 -0.01	81.48 7.00 -0.01	87.19 6.98 0.00	85.00 6.15 0.00	73.73 4.82 0.00	62.33 3.91 0.00	55.28 3.86 0.00	51.43 3.85 0.00
GLENWOOD___5 23614	52.41 2.97 0.00	41.81 2.51 0.00	37.35 2.25 0.00	33.47 2.16 0.00	33.18 2.05 0.00	33.08 1.99 0.00	33.53 2.02 0.00	36.37 2.44 0.00	40.52 2.83 0.00	44.49 2.99 0.00	48.70 3.86 0.00	51.68 4.15 -0.96	52.13 4.26 -0.57	54.55 4.66 -0.32	56.59 4.81 0.00	62.14 5.23 -0.01	71.67 6.10 -0.01	81.48 7.00 -0.01	87.19 6.98 0.00	85.00 6.15 0.00	73.73 4.82 0.00	62.33 3.91 0.00	55.28 3.86 0.00	51.43 3.85 0.00
GLOBAL GREEN_PORT_GT1 23814	53.94 4.50 0.00	43.38 4.09 0.00	38.33 3.23 0.00	34.13 2.82 0.00	33.68 2.55 0.00	33.54 2.46 0.00	34.04 2.52 0.00	36.98 3.05 0.00	41.65 3.96 0.00	45.69 4.19 0.00	49.69 4.84 0.00	52.84 5.31 -0.96	53.22 5.34 -0.57	56.20 6.30 -0.33	61.80 6.42 -3.61	71.98 6.71 -8.37	86.96 8.59 -12.81	95.25 9.61 -11.17	97.33 9.30 -7.82	94.14 8.52 -6.76	82.53 6.41 -7.21	63.87 4.79 -0.66	55.54 4.12 -0.01	52.48 4.90 0.00
GLOBE___DSASP 323697	38.75 -6.38 4.32	27.28 -5.54 6.48	23.25 -4.95 6.91	21.82 -4.13 5.36	20.82 -4.14 6.17	19.81 -4.26 7.02	20.08 -4.32 7.12	21.61 -4.48 7.84	24.37 -4.79 8.53	26.07 -5.77 9.67	27.51 -6.28 11.06	30.04 -6.43 10.11	30.10 -6.86 10.35	30.22 -6.94 12.41	31.41 -6.99 13.37	32.89 -8.14 15.88	37.90 -9.51 18.16	43.77 -10.43 20.28	48.62 -9.54 22.04	46.62 -9.86 22.38	39.04 -8.48 15.79	35.50 -7.71 11.66	38.19 -7.35 8.56	30.01 -6.38 3.01
GOETHSLN___LBMP 323567	52.16 2.72 0.00	41.58 2.28 0.00	37.14 2.04 0.00	33.38 2.07 0.00	33.06 1.93 0.00	33.03 1.93 -0.02	33.37 1.86 0.00	36.22 2.27 -0.02	40.14 2.45 0.00	51.28 2.74 -7.04	57.09 3.32 -8.93	58.69 3.54 -8.58	60.47 3.64 -9.53	60.49 3.97 -6.95	61.48 4.19 -5.52	87.84 4.72 -26.22	93.32 5.51 -22.25	95.07 6.33 -14.27	93.55 6.74 -6.60	81.06 6.07 3.87	69.50 4.82 4.24	62.23 3.80 -0.01	60.02 3.65 -4.95	54.55 3.47 -3.50
GOLAH___69_KV_TB 1_2 80279	44.89 -3.56 0.99	34.63 -3.18 1.49	30.64 -2.88 1.59	27.73 -2.35 1.23	27.38 -2.33 1.42	27.05 -2.42 1.61	27.42 -2.46 1.63	29.65 -2.48 1.80	33.10 -2.64 1.96	36.01 -3.28 2.22	38.67 -3.63 2.54	40.44 -3.73 2.41	40.86 -3.97 2.46	40.93 -4.06 4.58	42.75 -4.09 4.93	46.07 -4.61 6.22	52.97 -5.05 7.55	60.47 -5.51 8.48	65.95 -4.81 9.45	64.02 -4.81 10.03	57.47 -4.13 7.31	49.66 -3.68 5.08	44.91 -4.06 2.44	43.11 -3.57 0.89
GOODYEAR_LAKE_HYD 323669	50.83 1.38 0.00	40.36 1.06 0.00	36.05 0.95 0.00	32.25 0.94 0.00	32.03 0.90 0.00	31.90 0.81 0.00	32.27 0.76 0.00	34.91 0.98 0.00	38.79 1.09 0.00	42.54 1.04 0.00	46.01 1.17 0.00	47.89 1.30 -0.02	48.64 1.32 -0.02	50.83 1.24 -0.02	53.17 1.40 0.00	58.51 1.59 -0.02	67.55 1.97 -0.02	77.01 2.38 -0.15	83.23 2.97 -0.05	81.72 2.84 -0.02	71.34 2.41 -0.02	60.42 1.99 -0.01	53.03 1.59 -0.01	49.01 1.43 0.00

GOUDEY___7 235031	49.76 -0.44 -0.76	40.00 -0.43 -1.13	35.96 -0.35 -1.21	32.06 -0.19 -0.94	31.99 -0.22 -1.08	32.07 -0.25 -1.23	32.48 -0.28 -1.25	35.16 -0.14 -1.37	38.96 -0.23 -1.49	42.70 -0.50 -1.69	46.24 -0.54 -1.94	47.96 -0.47 -1.86	48.73 -0.47 -1.90	50.52 -0.50 -1.44	52.77 -0.41 -1.41	58.16 -0.40 -1.66	66.91 -0.33 -1.67	76.50 -0.15 -2.17	82.35 0.24 -1.90	80.56 0.08 -1.63	70.01 0.07 -1.03	59.32 -0.06 -0.95	52.37 -0.41 -1.36	47.61 -0.43 -0.46
GOUDEY___8 23579	49.76 -0.44 -0.76	40.00 -0.43 -1.13	35.96 -0.35 -1.21	32.06 -0.19 -0.94	31.99 -0.22 -1.08	32.07 -0.25 -1.23	32.48 -0.28 -1.25	35.16 -0.14 -1.37	38.96 -0.23 -1.49	42.70 -0.50 -1.69	46.24 -0.54 -1.94	47.96 -0.47 -1.86	48.73 -0.47 -1.90	50.52 -0.50 -1.44	52.77 -0.41 -1.41	58.16 -0.40 -1.66	66.91 -0.33 -1.67	76.50 -0.15 -2.17	82.35 0.24 -1.90	80.56 0.08 -1.63	70.01 0.07 -1.03	59.32 -0.06 -0.95	52.37 -0.41 -1.36	47.61 -0.43 -0.46
GOUDEY___8 23580	49.76 -0.44 -0.76	40.00 -0.43 -1.13	35.96 -0.35 -1.21	32.06 -0.19 -0.94	31.99 -0.22 -1.08	32.07 -0.25 -1.23	32.48 -0.28 -1.25	35.16 -0.14 -1.37	38.96 -0.23 -1.49	42.70 -0.50 -1.69	46.24 -0.54 -1.94	47.96 -0.47 -1.86	48.73 -0.47 -1.90	50.52 -0.50 -1.44	52.77 -0.41 -1.41	58.16 -0.40 -1.66	66.91 -0.33 -1.67	76.50 -0.15 -2.17	82.35 0.24 -1.90	80.56 0.08 -1.63	70.01 0.07 -1.03	59.32 -0.06 -0.95	52.37 -0.41 -1.36	47.61 -0.43 -0.46
GOWANUS_GT1_1 24077	52.77 3.31 -0.01	42.09 2.79 -0.01	37.60 2.49 -0.01	33.76 2.44 -0.01	33.47 2.33 -0.01	33.41 2.30 -0.02	33.82 2.30 -0.01	36.67 2.71 -0.02	40.59 2.90 0.00	51.81 3.20 -7.11	57.67 3.81 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	100.06 6.85 -18.74	102.12 7.38 -14.53	85.81 6.62 -0.33	74.17 5.24 -0.02	62.76 4.32 -0.02	60.64 4.22 -5.01	55.11 4.00 -3.53
GOWANUS_GT1_2 24078	52.77 3.31 -0.01	42.09 2.79 -0.01	37.60 2.49 -0.01	33.76 2.44 -0.01	33.47 2.33 -0.01	33.41 2.30 -0.02	33.82 2.30 -0.01	36.67 2.71 -0.02	40.59 2.90 0.00	51.81 3.20 -7.11	57.67 3.81 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	100.06 6.85 -18.74	102.12 7.38 -14.53	85.81 6.62 -0.33	74.17 5.24 -0.02	62.76 4.32 -0.02	60.64 4.22 -5.01	55.11 4.00 -3.53
GOWANUS_GT1_3 24079	52.77 3.31 -0.01	42.09 2.79 -0.01	37.60 2.49 -0.01	33.76 2.44 -0.01	33.47 2.33 -0.01	33.41 2.30 -0.02	33.82 2.30 -0.01	36.67 2.71 -0.02	40.59 2.90 0.00	51.81 3.20 -7.11	57.67 3.81 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	100.06 6.85 -18.74	102.12 7.38 -14.53	85.81 6.62 -0.33	74.17 5.24 -0.02	62.76 4.32 -0.02	60.64 4.22 -5.01	55.11 4.00 -3.53
GOWANUS_GT1_4 24080	52.77 3.31 -0.01	42.09 2.79 -0.01	37.60 2.49 -0.01	33.76 2.44 -0.01	33.47 2.33 -0.01	33.41 2.30 -0.02	33.82 2.30 -0.01	36.67 2.71 -0.02	40.59 2.90 0.00	51.81 3.20 -7.11	57.67 3.81 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	100.06 6.85 -18.74	102.12 7.38 -14.53	85.81 6.62 -0.33	74.17 5.24 -0.02	62.76 4.32 -0.02	60.64 4.22 -5.01	55.11 4.00 -

GOWANUS_GT2_5 24118	52.77 3.31 -0.02	42.10 2.79 -0.02	37.61 2.49 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.83 2.30 -0.02	36.56 2.61 -0.02	40.56 2.86 0.00	51.77 3.15 -7.11	57.71 3.86 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.22 5.18 -32.14	98.53 5.97 -27.00	99.98 6.78 -18.74	101.96 7.22 -14.53	85.81 6.62 -0.33	74.16 5.23 -0.02	63.00 4.56 -0.02	60.44 4.01 -5.01	55.11 4.00 -3.53
GOWANUS_GT2_6 24119	52.77 3.31 -0.02	42.10 2.79 -0.02	37.61 2.49 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.83 2.30 -0.02	36.56 2.61 -0.02	40.56 2.86 0.00	51.77 3.15 -7.11	57.71 3.86 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.22 5.18 -32.14	98.53 5.97 -27.00	99.98 6.78 -18.74	101.96 7.22 -14.53	85.81 6.62 -0.33	74.16 5.23 -0.02	63.00 4.56 -0.02	60.44 4.01 -5.01	55.11 4.00 -3.53
GOWANUS_GT2_7 24120	52.77 3.31 -0.02	42.10 2.79 -0.02	37.61 2.49 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.83 2.30 -0.02	36.56 2.61 -0.02	40.56 2.86 0.00	51.77 3.15 -7.11	57.71 3.86 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.22 5.18 -32.14	98.53 5.97 -27.00	99.98 6.78 -18.74	101.96 7.22 -14.53	85.81 6.62 -0.33	74.16 5.23 -0.02	63.00 4.56 -0.02	60.44 4.01 -5.01	55.11 4.00 -3.53
GOWANUS_GT2_8 24121	52.77 3.31 -0.02	42.10 2.79 -0.02	37.61 2.49 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.83 2.30 -0.02	36.56 2.61 -0.02	40.56 2.86 0.00	51.77 3.15 -7.11	57.71 3.86 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.22 5.18 -32.14	98.53 5.97 -27.00	99.98 6.78 -18.74	101.96 7.22 -14.53	85.81 6.62 -0.33	74.16 5.23 -0.02	63.00 4.56 -0.02	60.44 4.01 -5.01	55.11 4.00 -3.53
GOWANUS_GT3_1 24122	52.77 3.31 -0.02	42.10 2.79 -0.02	37.61 2.49 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.83 2.30 -0.02	36.56 2.61 -0.02	40.56 2.86 0.00	51.77 3.15 -7.11	57.71 3.86 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.22 5.18 -32.14	98.53 5.97 -27.00	99.98 6.78 -18.74	101.96 7.22 -14.53	85.81 6.62 -0.33	74.16 5.23 -0.02	63.00 4.56 -0.02	60.44 4.01 -5.01	55.11 4.00 -3.53
GOWANUS_GT3_2 24123	52.77 3.31 -0.02	42.10 2.79 -0.02	37.61 2.49 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.83 2.30 -0.02	36.56 2.61 -0.02	40.56 2.86 0.00	51.77 3.15 -7.11	57.71 3.86 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.22 5.18 -32.14	98.53 5.97 -27.00	99.98 6.78 -18.74	101.96 7.22 -14.53	85.81 6.62 -0.33	74.16 5.23 -0.02	63.00 4.56 -0.02	60.44 4.01 -5.01	55.11 4.00 -3.53
GOWANUS_GT3_3 24124	52.77 3.31 -0.02	42.10 2.79 -0.02	37.61 2.49 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.83 2.30 -0.02	36.56 2.61 -0.02	40.56 2.86 0.00	51.77 3.15 -7.11	57.71 3.86 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.22 5.18 -32.14	98.53 5.97 -27.00	99.98 6.78 -18.74	101.96 7.22 -14.53	85.81 6.62 -0.33	74.16 5.23 -0.02	63.00 4.56 -0.02	60.44 4.01 -5.01	55.11 4.00 -3.53
GOWANUS_GT3_4 24125	52.77 3.31 -0.02	42.10 2.79 -0.02	37.61 2.49 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.83 2.30 -0.02	36.56 2.61 -0.02	40.56 2.86 0.00	51.77 3.15 -7.11	57.71 3.86 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.22 5.18 -32.14	98.53 5.97 -27.00	99.98 6.78 -18.74	101.96 7.22 -14.53	85.81 6.62 -0.33	74.16 5.23 -0.02	63.00 4.56 -0.02	60.44 4.01 -5.01	55.11 4.00 -3.53
GOWANUS_GT3_5 24126	52.77 3.31 -0.02	42.10 2.79 -0.02	37.61 2.49 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.83 2.30 -0.02	36.56 2.61 -0.02	40.56 2.86 0.00	51.77 3.15 -7.11	57.71 3.86 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.22 5.18 -32.14	98.53 5.97 -27.00	99.98 6.78 -18.74	101.96 7.22 -14.53	85.81 6.62 -0.33	74.16 5.23 -0.02	63.00 4.56 -0.02	60.44 4.01 -5.01	55.11 4.00 -3.53
GOWANUS_GT3_6 24127	52.77 3.31 -0.02	42.10 2.79 -0.02	37.61 2.49 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.83 2.30 -0.02	36.56 2.61 -0.02	40.56 2.86 0.00	51.77 3.15 -7.11	57.71 3.86 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.22 5.18 -32.14	98.53 5.97 -27.00	99.98 6.78 -18.74	101.96 7.22 -14.53	85.81 6.62 -0.33	74.16 5.23 -0.02	63.00 4.56 -0.02	60.44 4.01 -5.01	55.11 4.00 -3.53
GOWANUS_GT3_7 24128	52.77 3.31 -0.02	42.10 2.79 -0.02	37.61 2.49 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.83 2.30 -0.02	36.56 2.61 -0.02	40.56 2.86 0.00	51.77 3.15 -7.11	57.71 3.86 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.22 5.18 -32.14	98.53 5.97 -27.00	99.98 6.78 -18.74	101.96 7.22 -14.53	85.81 6.62 -0.33	74.16 5.23 -0.02	63.00 4.56 -0.02	60.44 4.01 -5.01	55.11 4.00 -3.53
GOWANUS_GT3_8 24129	52.77 3.31 -0.02	42.10 2.79 -0.02	37.61 2.49 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.83 2.30 -0.02	36.56 2.61 -0.02	40.56 2.86 0.00	51.77 3.15 -7.11	57.71 3.86 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.22 5.18 -32.14	98.53 5.97 -27.00	99.98 6.78 -18.74	101.96 7.22 -14.53	85.81 6.62 -0.33	74.16 5.23 -0.02	63.00 4.56 -0.02	60.44 4.01 -5.01	55.11 4.00 -3.53
GOWANUS_GT4_1 24130	52.77 3.31 -0.01	42.09 2.79 -0.01	37.60 2.49 -0.01	33.76 2.44 -0.01	33.47 2.33 -0.01	33.41 2.30 -0.02	33.82 2.30 -0.01	36.67 2.71 -0.02	40.59 2.90 0.00	51.81 3.20 -7.11	57.67 3.81 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	100.06 6.85 -18.74	102.12 7.38 -14.53	85.81 6.62 -0.33	74.17 5.24 -0.02	62.76 4.32 -0.02	60.64 4.22 -5.01	55.11 4.00 -3.53
GOWANUS_GT4_2 24131	52.77 3.31 -0.01	42.09 2.79 -0.01	37.60 2.49 -0.01	33.76 2.44 -0.01	33.47 2.33 -0.01	33.41 2.30 -0.02	33.82 2.30 -0.01	36.67 2.71 -0.02	40.59 2.90 0.00	51.81 3.20 -7.11	57.67 3.81 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	100.06 6.85 -18.74	102.12 7.38 -14.53	85.81 6.62 -0.33	74.17 5.24 -0.02	62.76 4.32 -0.02	60.64 4.22 -5.01	55.11 4.00 -3.53
GOWANUS_GT4_3 24132	52.77 3.31 -0.01	42.09 2.79 -0.01	37.60 2.49 -0.01	33.76 2.44 -0.01	33.47 2.33 -0.01	33.41 2.30 -0.02	33.82 2.30 -0.01	36.67 2.71 -0.02	40.59 2.90 0.00	51.81 3.20 -7.11	57.67 3.81 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	100.06 6.85 -18.74	102.12 7.38 -14.53	85.81 6.62 -0.33	74.17 5.24 -0.02	62.76 4.32 -0.02	60.64 4.22 -5.01	55.11 4.00 -3.53

GOWANUS_GT4_4 24133	52.77 3.31 -0.01	42.09 2.79 -0.01	37.60 2.49 -0.01	33.76 2.44 -0.01	33.47 2.33 -0.01	33.41 2.30 -0.02	33.82 2.30 -0.01	36.67 2.71 -0.02	40.59 2.90 0.00	51.81 3.20 -7.11	57.67 3.81 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	100.06 6.85 -18.74	102.12 7.38 -14.53	85.81 6.62 -0.33	74.17 5.24 -0.02	62.76 4.32 -0.02	60.64 4.22 -5.01	55.11 4.00 -3.53
GOWANUS_GT4_5 24134	52.77 3.31 -0.01	42.09 2.79 -0.01	37.60 2.49 -0.01	33.76 2.44 -0.01	33.47 2.33 -0.01	33.41 2.30 -0.02	33.82 2.30 -0.01	36.67 2.71 -0.02	40.59 2.90 0.00	51.81 3.20 -7.11	57.67 3.81 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	100.06 6.85 -18.74	102.12 7.38 -14.53	85.81 6.62 -0.33	74.17 5.24 -0.02	62.76 4.32 -0.02	60.64 4.22 -5.01	55.11 4.00 -3.53
GOWANUS_GT4_6 24135	52.77 3.31 -0.01	42.09 2.79 -0.01	37.60 2.49 -0.01	33.76 2.44 -0.01	33.47 2.33 -0.01	33.41 2.30 -0.02	33.82 2.30 -0.01	36.67 2.71 -0.02	40.59 2.90 0.00	51.81 3.20 -7.11	57.67 3.81 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	100.06 6.85 -18.74	102.12 7.38 -14.53	85.81 6.62 -0.33	74.17 5.24 -0.02	62.76 4.32 -0.02	60.64 4.22 -5.01	55.11 4.00 -3.53
GOWANUS_GT4_7 24136	52.77 3.31 -0.01	42.09 2.79 -0.01	37.60 2.49 -0.01	33.76 2.44 -0.01	33.47 2.33 -0.01	33.41 2.30 -0.02	33.82 2.30 -0.01	36.67 2.71 -0.02	40.59 2.90 0.00	51.81 3.20 -7.11	57.67 3.81 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	100.06 6.85 -18.74	102.12 7.38 -14.53	85.81 6.62 -0.33	74.17 5.24 -0.02	62.76 4.32 -0.02	60.64 4.22 -5.01	55.11 4.00 -3.53
GOWANUS_GT4_8 24137	52.77 3.31 -0.01	42.09 2.79 -0.01	37.60 2.49 -0.01	33.76 2.44 -0.01	33.47 2.33 -0.01	33.41 2.30 -0.02	33.82 2.30 -0.01	36.67 2.71 -0.02	40.59 2.90 0.00	51.81 3.20 -7.11	57.67 3.81 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	100.06 6.85 -18.74	102.12 7.38 -14.53	85.81 6.62 -0.33	74.17 5.24 -0.02	62.76 4.32 -0.02	60.64 4.22 -5.01	55.11 4.00 -3.53
GREENBSH_115KV_TB3 55895	50.29 0.84 0.00	40.20 0.90 0.00	36.19 1.09 0.00	32.38 1.06 0.00	32.12 1.00 0.00	32.05 0.96 0.00	32.46 0.95 0.00	35.01 1.09 0.00	38.48 0.79 0.00	42.29 0.79 0.00	45.78 0.94 0.00	47.46 0.88 0.00	48.29 0.99 0.00	50.71 1.14 0.00	53.02 1.24 0.00	58.38 1.48 0.00	67.08 1.51 0.00	76.11 1.64 0.00	81.81 1.60 0.00	80.19 1.34 0.00	70.22 1.31 0.00	59.65 1.23 0.00	52.55 1.13 0.00	48.53 0.95 0.00
GREENDGE_115KV_TB5 80291	58.77 0.05 -9.27	53.05 -0.16 -13.91	49.80 -0.14 -14.83	42.82 0.00 -11.51	44.28 -0.09 -13.25	46.12 -0.03 -15.07	46.71 -0.09 -15.28	50.87 0.10 -16.84	55.90 -0.11 -18.32	61.64 -0.62 -20.76	67.74 -0.85 -23.74	68.15 -0.79 -22.37	69.48 -0.71 -22.89	71.27 -0.74 -22.44	74.27 -0.67 -23.17	83.86 -0.63 -27.58	95.55 -0.20 -30.18	108.95 0.60 -33.88	117.01 1.52 -35.27	114.89 1.66 -34.38	93.87 1.45 -23.51	78.07 0.99 -18.66	69.11 0.00 -17.69	53.61 -0.05 -6.08
GREENIDGE___3 23582	58.77 0.05 -9.27	53.05 -0.16 -13.91	49.80 -0.14 -14.83	42.82 0.00 -11.51	44.28 -0.09 -13.25	46.12 -0.03 -15.07	46.71 -0.09 -15.28	50.87 0.10 -16.84	55.90 -0.11 -18.32	61.64 -0.62 -20.76	67.74 -0.85 -23.74	68.15 -0.79 -22.37	69.48 -0.71 -22.89	71.27 -0.74 -22.44	74.27 -0.67 -23.17	83.86 -0.63 -27.58	95.55 -0.20 -30.18	108.95 0.60 -33.88	117.01 1.52 -35.27	114.89 1.66 -34.38	93.87 1.45 -23.51	78.07 0.99 -18.66	69.11 0.00 -17.69	53.61 -0.05 -6.08
GREENIDGE___4 23583	58.77 0.05 -9.27	53.05 -0.16 -13.91	49.80 -0.14 -14.83	42.82 0.00 -11.51	44.28 -0.09 -13.25	46.12 -0.03 -15.07	46.71 -0.09 -15.28	50.93 0.17 -16.84	55.90 -0.11 -18.32	61.68 -0.58 -20.76	67.56 -1.03 -23.74	68.20 -0.75 -22.37	69.48 -0.71 -22.89	71.27 -0.74 -22.44	74.27 -0.67 -23.17	83.91 -0.57 -27.58	95.62 -0.13 -30.18	109.25 0.90 -33.88	117.00 1.52 -35.27	114.89 1.66 -34.38	93.94 1.51 -23.51	78.18 1.11 -18.66	69.57 0.46 -17.69	53.56 -0.09 -6.08
GREENLWN_69_KV_BK 3 55738	52.31 2.87 0.00	41.77 2.48 0.00	37.28 2.18 0.00	33.38 2.07 0.00	33.12 1.99 0.00	32.95 1.87 0.00	33.47 1.95 0.00	36.37 2.44 0.00	40.59 2.90 0.00	44.37 2.86 0.00	48.65 3.81 0.00	51.54 4.01 -0.96	51.94 4.07 -0.57	54.15 4.26 -0.32	55.35 4.09 0.52	58.78 4.04 2.16	66.99 5.18 3.75	75.70 5.96 4.72	80.93 5.45 4.73	78.85 4.57 4.58	69.24 3.31 2.98	60.27 2.40 0.54	54.60 3.19 0.00	51.33 3.76 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	52.77 3.31 -0.01	42.09 2.79 -0.01	37.60 2.49 -0.01	33.76 2.44 -0.01	33.47 2.33 -0.01	33.41 2.30 -0.02	33.82 2.30 -0.01	36.67 2.71 -0.02	40.59 2.90 0.00	51.81 3.20 -7.11	57.67 3.81 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	100.06 6.85 -18.74	102.12 7.38 -14.53	85.81 6.62 -0.33	74.17 5.24 -0.02	62.76 4.32 -0.02	60.64 4.22 -5.01	55.11 4.00 -3.53
GRISSOM___SOLAR 323813	51.82 2.37 0.00	41.14 1.85 0.00	36.79 1.68 0.00	32.91 1.60 0.00	32.68 1.56 0.00	32.55 1.46 0.00	32.90 1.39 0.00	35.18 1.26 0.00	38.67 0.98 0.00	42.25 0.75 0.00	45.47 0.63 0.00	47.27 0.70 0.00	48.06 0.75 0.00	50.46 0.89 0.00	52.91 1.14 0.00	58.32 1.42 0.00	67.40 1.83 0.00	77.08 2.61 0.00	83.82 3.61 0.00	82.95 4.10 0.00	72.63 3.72 0.00	61.57 3.15 0.00	54.04 2.62 0.00	49.95 2.38 0.00
GROVEVILLE___HYD 323602	52.31 2.87 0.00	41.61 2.32 0.00	37.14 2.04 0.00	33.38 2.07 0.00	33.03 1.90 0.00	32.98 1.90 0.00	33.37 1.86 0.00	36.07 2.14 0.00	40.07 2.37 0.00	44.08 2.57 0.00	48.03 3.18 0.00	49.97 3.40 0.00	50.80 3.50 0.00	53.34 3.77 0.00	55.81 4.04 0.00	61.62 4.72 0.00	71.14 5.57 0.00	81.02 6.55 0.00	87.27 7.06 0.00	85.24 6.39 0.00	74.01 5.10 0.00	62.39 3.97 0.00	55.12 3.70 0.00	50.91 3.33 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	48.65 -0.79 0.00	38.71 -0.59 0.00	34.65 -0.46 0.00	31.00 -0.31 0.00	30.79 -0.34 0.00	30.75 -0.34 0.00	31.11 -0.41 0.00	33.59 -0.34 0.00	37.28 -0.41 0.00	40.84 -0.66 0.00	44.08 -0.76 0.00	45.83 -0.75 0.00	46.59 -0.71 0.00	48.78 -0.79 0.00	51.00 -0.78 0.00	56.05 -0.85 0.00	64.72 -0.85 0.00	74.49 -0.82 -0.84	79.76 -0.64 -0.19	78.14 -0.71 0.00	68.36 -0.55 0.00	57.84 -0.58 0.00	50.60 -0.82 0.00	46.77 -0.81 0.00
HAMLTNNY_34_KV_TB 80303	48.55 -0.89 0.00	38.63 -0.67 0.00	34.54 -0.56 0.00	30.94 -0.38 0.00	30.72 -0.40 0.00	30.65 -0.44 0.00	31.01 -0.50 0.00	33.52 -0.41 0.00	37.20 -0.49 0.00	40.71 -0.79 0.00	43.95 -0.90 0.00	45.74 -0.84 0.00	46.45 -0.85 0.00	48.68 -0.89 0.00	50.84 -0.93 0.00	55.93 -0.97 0.00	64.58 -0.98 0.00	74.35 -0.97 -0.84	79.76 -0.64 -0.19	78.14 -0.71 0.00	68.36 -0.55 0.00	57.84 -0.58 0.00	50.49 -0.93 0.00	46.67 -0.90 0.00

HAMPSHIRE___PAPER_HYD 323593	49.74 0.30 0.00	39.38 0.08 0.00	35.17 0.07 0.00	31.25 -0.06 0.00	31.10 -0.03 0.00	31.00 -0.09 0.00	31.39 -0.13 0.00	33.79 -0.14 0.00	37.58 -0.11 0.00	41.30 -0.21 0.00	44.48 -0.36 0.00	46.11 -0.47 0.00	46.78 -0.52 0.00	48.68 -0.89 0.00	50.74 -1.04 0.00	55.59 -1.31 0.00	64.32 -1.25 0.00	73.60 -1.12 -0.25	79.71 -0.56 -0.06	78.85 0.00 0.00	69.05 0.14 0.00	58.66 0.23 0.00	51.52 0.10 0.00	47.67 0.10 0.00
HARDSCRABBLE_WT_PWR 323673	50.38 0.94 0.00	40.04 0.74 0.00	35.77 0.67 0.00	31.94 0.63 0.00	31.72 0.59 0.00	31.62 0.53 0.00	32.02 0.50 0.00	34.50 0.58 0.00	38.29 0.60 0.00	42.13 0.62 0.00	45.47 0.63 0.00	47.14 0.56 0.00	47.91 0.61 0.00	50.02 0.45 0.00	52.14 0.36 0.00	57.30 0.40 0.00	65.76 0.20 0.00	74.62 0.15 0.00	80.53 0.32 0.00	79.33 0.48 0.00	69.33 0.42 0.00	58.83 0.41 0.00	51.88 0.46 0.00	48.10 0.52 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	51.87 2.42 0.00	41.34 2.04 0.00	36.89 1.79 0.00	33.13 1.82 0.00	32.81 1.68 0.00	32.74 1.65 0.00	33.12 1.61 0.00	35.86 1.93 0.00	39.80 2.11 0.00	43.83 2.32 0.00	47.71 2.87 0.00	49.65 3.07 0.00	50.47 3.17 0.00	52.99 3.42 0.00	55.45 3.68 0.00	61.17 4.27 0.00	70.62 5.05 0.00	80.35 5.88 0.00	86.55 6.34 0.00	84.53 5.68 0.00	73.39 4.48 0.00	61.93 3.51 0.00	54.71 3.29 0.00	50.53 2.95 0.00
HARSNRAD_115KV_TB1 81005	39.41 -5.79 4.25	27.81 -5.11 6.38	23.74 -4.56 6.80	22.25 -3.79 5.28	21.26 -3.80 6.07	20.24 -3.95 6.90	20.54 -3.97 7.00	22.11 -4.11 7.71	24.93 -4.37 8.39	26.64 -5.35 9.51	28.14 -5.83 10.87	30.45 -5.91 10.21	30.65 -6.20 10.45	30.66 -6.39 12.52	32.05 -6.52 13.20	33.50 -7.40 16.01	38.74 -8.52 18.30	44.46 -9.61 20.41	49.16 -9.06 21.99	47.22 -9.30 22.33	45.17 -7.99 15.75	40.12 -6.54 11.75	36.04 -6.74 8.65	38.74 -5.80 3.03
HARZA MOOSE___RIVER 24016	50.14 0.69 0.00	39.73 0.43 0.00	35.60 0.49 0.00	31.69 0.38 0.00	31.47 0.34 0.00	31.31 0.22 0.00	31.64 0.13 0.00	34.17 0.24 0.00	37.96 0.26 0.00	41.59 0.08 0.00	44.84 0.00 0.00	46.43 -0.14 0.00	47.16 -0.14 0.00	49.08 -0.50 0.00	51.26 -0.52 0.00	56.33 -0.57 0.00	65.11 -0.46 0.00	74.47 -0.22 -0.22	80.66 0.40 -0.05	79.64 0.79 0.00	69.88 0.96 0.00	59.30 0.88 0.00	51.93 0.51 0.00	48.00 0.43 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	48.26 -1.19 0.00	38.43 -0.86 0.00	34.40 -0.70 0.00	30.78 -0.53 0.00	30.57 -0.56 0.00	30.50 -0.59 0.00	30.88 -0.63 0.00	33.35 -0.58 0.00	37.01 -0.68 0.00	40.55 -0.95 0.00	43.72 -1.12 0.00	45.50 -1.07 0.00	46.26 -1.04 0.00	47.60 -1.14 0.83	49.69 -1.14 0.95	54.40 -1.25 1.25	62.60 -1.31 1.66	71.63 -1.41 1.42	76.93 -1.20 2.08	75.16 -1.26 2.44	65.97 -1.10 1.84	56.19 -1.05 1.18	49.98 -1.23 0.21	46.30 -1.19 0.09
HELLGATE_13_KV_LD 55870	52.71 3.26 0.00	42.05 2.75 0.00	37.56 2.46 0.00	33.72 2.41 0.00	33.43 2.30 0.00	33.34 2.24 -0.02	33.78 2.27 0.00	36.62 2.68 -0.02	40.56 2.86 0.00	51.76 3.15 -7.10	57.66 3.81 -9.01	59.23 4.01 -8.65	61.03 4.12 -9.62	62.82 4.51 -8.73	65.42 4.71 -8.94	94.27 5.23 -32.14	98.66 6.10 -27.00	100.13 6.93 -18.74	102.20 7.46 -14.53	85.96 6.78 -0.33	74.37 5.44 -0.02	62.88 4.44 -0.02	60.69 4.27 -5.01	55.05 3.95 -3.53
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	52.71 3.26 0.00	42.05 2.75 0.00	37.56 2.46 0.00	33.72 2.41 0.00	33.43 2.30 0.00	33.34 2.24 -0.02	33.78 2.27 0.00	36.62 2.68 -0.02	40.56 2.86 0.00	51.76 3.15 -7.10	57.66 3.81 -9.01	59.23 4.01 -8.65	61.03 4.12 -9.62	62.82 4.51 -8.73	65.42 4.71 -8.94	94.27 5.23 -32.14	98.66 6.10 -27.00	100.13 6.93 -18.74	102.20 7.46 -14.53	85.96 6.78 -0.33	74.37 5.44 -0.02	62.88 4.44 -0.02	60.69 4.27 -5.01	55.05 3.95 -3.53
HEMPSTEAD____ 23647	52.31 2.87 0.00	41.89 2.59 0.00	37.25 2.14 0.00	33.41 2.10 0.00	33.06 1.93 0.00	32.99 1.90 0.00	33.41 1.89 0.00	36.20 2.27 0.00	40.44 2.75 0.00	44.57 3.07 0.00	48.70 3.86 0.00	51.63 4.10 -0.96	52.08 4.21 -0.57	54.45 4.56 -0.32	56.38 4.61 0.00	61.80 4.89 -0.01	71.54 5.97 -0.01	81.18 6.71 -0.01	86.63 6.42 0.00	84.61 5.75 0.00	73.25 4.34 0.01	61.92 3.50 0.01	54.50 3.08 0.00	51.33 3.76 0.00
HICKLING___1 23621	52.52 -0.79 -3.86	44.23 -0.86 -5.80	40.55 -0.74 -6.18	35.57 -0.53 -4.80	36.06 -0.59 -5.52	36.78 -0.59 -6.28	37.25 -0.63 -6.37	40.47 -0.47 -7.02	44.69 -0.64 -7.64	48.99 -1.16 -8.65	53.39 -1.35 -9.89	54.61 -1.35 -9.39	55.63 -1.28 -9.61	57.05 -1.39 -8.87	59.46 -1.35 -9.03	66.23 -1.42 -10.75	75.96 -1.18 -11.57	86.83 -0.74 -13.11	93.60 0.00 -13.39	91.67 0.00 -12.82	77.63 0.07 -8.65	65.35 -0.12 -7.05	57.73 -0.98 -7.29	49.16 -0.90 -2.49
HICKLING___2 23622	52.52 -0.79 -3.86	44.23 -0.86 -5.80	40.55 -0.74 -6.18	35.57 -0.53 -4.80	36.06 -0.59 -5.52	36.78 -0.59 -6.28	37.25 -0.63 -6.37	40.47 -0.47 -7.02	44.69 -0.64 -7.64	48.99 -1.16 -8.65	53.39 -1.35 -9.89	54.61 -1.35 -9.39	55.63 -1.28 -9.61	57.05 -1.39 -8.87	59.46 -1.35 -9.03	66.23 -1.42 -10.75	75.96 -1.18 -11.57	86.83 -0.74 -13.11	93.60 0.00 -13.39	91.67 0.00 -12.82	77.63 0.07 -8.65	65.35 -0.12 -7.05	57.73 -0.98 -7.29	49.16 -0.90 -2.49
HIGH FALLS___HY 23754	52.41 2.97 0.00	41.65 2.36 0.00	37.11 2.00 0.00	33.35 2.04 0.00	33.00 1.87 0.00	32.95 1.87 0.00	33.31 1.80 0.00	36.03 2.10 0.00	40.14 2.45 0.00	44.12 2.61 0.00	48.07 3.23 0.00	49.97 3.40 0.00	50.85 3.55 0.00	53.34 3.77 0.00	55.81 4.04 0.00	61.68 4.78 0.00	71.27 5.70 0.00	81.40 6.93 0.00	87.75 7.54 0.00	85.79 6.94 0.00	74.43 5.51 0.00	62.63 4.21 0.00	55.33 3.91 0.00	51.10 3.52 0.00
HIGH_RIVER___SOLAR 323847	51.22 1.78 0.00	40.75 1.45 0.00	36.44 1.33 0.00	32.60 1.28 0.00	32.34 1.21 0.00	32.27 1.18 0.00	32.62 1.10 0.00	34.94 1.02 0.00	38.52 0.83 0.00	42.04 0.54 0.00	45.38 0.54 0.00	47.18 0.60 0.00	47.96 0.66 0.00	50.36 0.79 0.00	52.75 0.98 0.00	58.10 1.20 0.00	67.01 1.44 0.00	76.33 1.86 0.00	82.78 2.57 0.00	81.69 2.83 0.00	71.60 2.68 0.00	60.76 2.34 0.00	53.37 1.95 0.00	49.38 1.81 0.00
HILLBURN___GT 23639	51.77 2.32 0.00	41.30 2.00 0.00	36.86 1.75 0.00	33.09 1.78 0.00	32.81 1.68 0.00	32.74 1.65 0.00	33.12 1.61 0.00	35.83 1.90 0.00	39.80 2.11 0.00	43.87 2.36 0.00	47.80 2.96 0.00	49.70 3.12 0.00	50.52 3.22 0.00	53.09 3.52 0.00	55.50 3.73 0.00	61.28 4.38 0.00	70.68 5.12 0.00	80.21 5.73 0.00	86.30 6.09 0.00	84.37 5.52 0.00	73.26 4.34 0.00	61.93 3.50 0.00	54.50 3.08 0.00	50.58 3.00 0.00
HILLSIDE_115KV_TB1 80332	51.73 -1.09 -3.37	43.29 -1.06 -5.06	39.58 -0.91 -5.39	34.84 -0.66 -4.18	35.20 -0.75 -4.82	35.85 -0.72 -5.48	36.32 -0.76 -5.56	39.44 -0.61 -6.12	43.56 -0.79 -6.66	47.76 -1.29 -7.55	52.00 -1.48 -8.63	53.32 -1.44 -8.19	54.26 -1.42 -8.38	55.79 -1.49 -7.71	58.17 -1.45 -7.85	64.70 -1.54 -9.33	74.16 -1.44 -10.04	84.77 -1.12 -11.42	91.35 -0.48 -11.62	89.32 -0.63 -11.10	75.91 -0.48 -7.48	63.94 -0.58 -6.11	56.58 -1.18 -6.35	48.60 -1.14 -2.17

HISHELDN_WT_PWR 323625	31.06 -4.50 13.88	14.46 -4.01 20.83	9.28 -3.61 22.21	11.04 -3.04 17.23	8.12 -3.18 19.83	5.37 -3.17 22.55	5.45 -3.18 22.88	5.71 -3.02 25.20	6.72 -3.54 27.43	6.03 -4.40 31.07	4.01 -5.29 35.54	8.40 -5.08 33.10	8.18 -5.25 33.87	8.19 -5.45 35.93	8.45 -5.54 37.78	5.96 -6.03 44.91	8.79 -6.69 50.08	12.54 -6.26 55.68	14.35 -6.66 59.21	13.44 -6.54 58.87	22.49 -5.58 40.85	22.37 -4.56 31.49	20.45 -4.12 26.86	33.69 -4.57 9.32
HOLTSVILLE_IC_1 23690	52.85 3.41 0.00	42.48 3.18 0.00	37.74 2.63 0.00	33.78 2.47 0.00	33.43 2.30 0.00	33.33 2.24 0.00	33.81 2.30 0.00	36.67 2.75 0.00	41.09 3.39 0.00	45.16 3.65 0.00	49.01 4.17 0.00	51.96 4.43 -0.96	52.32 4.45 -0.57	54.71 4.81 -0.33	60.01 4.66 -3.58	69.83 4.72 -8.21	84.12 5.97 -12.58	92.28 6.78 -11.03	94.41 6.42 -7.78	91.28 5.68 -6.75	80.30 4.27 -7.11	62.48 3.39 -0.67	54.62 3.19 -0.01	51.86 4.28 0.00
HOLTSVILLE_IC_10 23699	53.15 3.71 0.00	42.71 3.42 0.00	37.91 2.81 0.00	33.97 2.66 0.00	33.62 2.49 0.00	33.48 2.39 0.00	34.00 2.49 0.00	36.88 2.95 0.00	41.31 3.62 0.00	45.40 3.90 0.00	49.33 4.48 0.00	52.33 4.80 -0.96	52.70 4.83 -0.57	55.16 5.25 -0.33	60.67 5.18 -3.72	71.01 5.29 -8.81	85.64 6.62 -13.45	93.59 7.52 -11.60	95.34 7.14 -8.00	92.19 6.47 -6.87	81.30 4.89 -7.49	62.93 3.85 -0.65	55.03 3.60 -0.01	52.19 4.61 0.00
HOLTSVILLE_IC_2 23691	52.85 3.41 0.00	42.48 3.18 0.00	37.74 2.63 0.00	33.78 2.47 0.00	33.43 2.30 0.00	33.33 2.24 0.00	33.81 2.30 0.00	36.67 2.75 0.00	41.09 3.39 0.00	45.16 3.65 0.00	49.01 4.17 0.00	51.96 4.43 -0.96	52.32 4.45 -0.57	54.71 4.81 -0.33	60.01 4.66 -3.58	69.83 4.72 -8.21	84.12 5.97 -12.58	92.28 6.78 -11.03	94.41 6.42 -7.78	91.28 5.68 -6.75	80.30 4.27 -7.11	62.48 3.39 -0.67	54.62 3.19 -0.01	51.86 4.28 0.00
HOLTSVILLE_IC_3 23692	52.85 3.41 0.00	42.48 3.18 0.00	37.74 2.63 0.00	33.78 2.47 0.00	33.43 2.30 0.00	33.33 2.24 0.00	33.81 2.30 0.00	36.67 2.75 0.00	41.09 3.39 0.00	45.16 3.65 0.00	49.01 4.17 0.00	51.96 4.43 -0.96	52.32 4.45 -0.57	54.71 4.81 -0.33	60.01 4.66 -3.58	69.83 4.72 -8.21	84.12 5.97 -12.58	92.28 6.78 -11.03	94.41 6.42 -7.78	91.28 5.68 -6.75	80.30 4.27 -7.11	62.48 3.39 -0.67	54.62 3.19 -0.01	51.86 4.28 0.00
HOLTSVILLE_IC_4 23693	52.85 3.41 0.00	42.48 3.18 0.00	37.74 2.63 0.00	33.78 2.47 0.00	33.43 2.30 0.00	33.33 2.24 0.00	33.81 2.30 0.00	36.67 2.75 0.00	41.09 3.39 0.00	45.16 3.65 0.00	49.01 4.17 0.00	51.96 4.43 -0.96	52.32 4.45 -0.57	54.71 4.81 -0.33	60.01 4.66 -3.58	69.83 4.72 -8.21	84.12 5.97 -12.58	92.28 6.78 -11.03	94.41 6.42 -7.78	91.28 5.68 -6.75	80.30 4.27 -7.11	62.48 3.39 -0.67	54.62 3.19 -0.01	51.86 4.28 0.00
HOLTSVILLE_IC_5 23694	52.85 3.41 0.00	42.48 3.18 0.00	37.74 2.63 0.00	33.78 2.47 0.00	33.43 2.30 0.00	33.33 2.24 0.00	33.81 2.30 0.00	36.67 2.75 0.00	41.09 3.39 0.00	45.16 3.65 0.00	49.01 4.17 0.00	51.96 4.43 -0.96	52.32 4.45 -0.57	54.71 4.81 -0.33	60.01 4.66 -3.58	69.83 4.72 -8.21	84.12 5.97 -12.58	92.28 6.78 -11.03	94.41 6.42 -7.78	91.28 5.68 -6.75	80.30 4.27 -7.11	62.48 3.39 -0.67	54.62 3.19 -0.01	51.86 4.28 0.00
HOLTSVILLE_IC_6 23695	53.15 3.71 0.00	42.71 3.42 0.00	37.91 2.81 0.00	33.97 2.66 0.00	33.62 2.49 0.00	33.48 2.39 0.00	34.00 2.49 0.00	36.88 2.95 0.00	41.31 3.62 0.00	45.40 3.90 0.00	49.33 4.48 0.00	52.33 4.80 -0.96	52.70 4.83 -0.57	55.16 5.25 -0.33	60.67 5.18 -3.72	71.01 5.29 -8.81	85.64 6.62 -13.45	93.59 7.52 -11.60	95.34 7.14 -8.00	92.19 6.47 -6.87	81.30 4.89 -7.49	62.93 3.85 -0.65	55.03 3.60 -0.01	52.19 4.61 0.00
HOLTSVILLE_IC_7 23696	53.15 3.71 0.00	42.71 3.42 0.00	37.91 2.81 0.00	33.97 2.66 0.00	33.62 2.49 0.00	33.48 2.39 0.00	34.00 2.49 0.00	36.88 2.95 0.00	41.31 3.62 0.00	45.40 3.90 0.00	49.33 4.48 0.00	52.33 4.80 -0.96	52.70 4.83 -0.57	55.16 5.25 -0.33	60.67 5.18 -3.72	71.01 5.29 -8.81	85.64 6.62 -13.45	93.59 7.52 -11.60	95.34 7.14 -8.00	92.19 6.47 -6.87	81.30 4.89 -7.49	62.93 3.85 -0.65	55.03 3.60 -0.01	52.19 4.61 0.00
HOLTSVILLE_IC_8 23697	53.15 3.71 0.00	42.71 3.42 0.00	37.91 2.81 0.00	33.97 2.66 0.00	33.62 2.49 0.00	33.48 2.39 0.00	34.00 2.49 0.00	36.88 2.95 0.00	41.31 3.62 0.00	45.40 3.90 0.00	49.33 4.48 0.00	52.33 4.80 -0.96	52.70 4.83 -0.57	55.16 5.25 -0.33	60.67 5.18 -3.72	71.01 5.29 -8.81	85.64 6.62 -13.45	93.59 7.52 -11.60	95.34 7.14 -8.00	92.19 6.47 -6.87	81.30 4.89 -7.49	62.93 3.85 -0.65	55.03 3.60 -0.01	52.19 4.61 0.00
HOLTSVILLE_IC_9 23698	53.15 3.71 0.00	42.71 3.42 0.00	37.91 2.81 0.00	33.97 2.66 0.00	33.62 2.49 0.00	33.48 2.39 0.00	34.00 2.49 0.00	36.88 2.95 0.00	41.31 3.62 0.00	45.40 3.90 0.00	49.33 4.48 0.00	52.33 4.80 -0.96	52.70 4.83 -0.57	55.16 5.25 -0.33	60.67 5.18 -3.72	71.01 5.29 -8.81	85.64 6.62 -13.45	93.59 7.52 -11.60	95.34 7.14 -8.00	92.19 6.47 -6.87	81.30 4.89 -7.49	62.93 3.85 -0.65	55.03 3.60 -0.01	52.19 4.61 0.00
HOMER_HL_115KV_TB2 355744	45.04 -2.97 1.44	34.30 -2.83 2.16	30.27 -2.53 2.31	27.49 -2.04 1.79	26.98 -2.09 2.06	26.57 -2.18 2.34	27.00 -2.14 2.38	29.31 -2.00 2.62	32.66 -2.19 2.85	35.41 -2.86 3.22	37.97 -3.18 3.69	40.33 -3.03 3.22	40.79 -3.22 3.29	41.35 -3.27 4.95	42.96 -3.26 5.55	46.71 -3.64 6.55	53.74 -4.07 7.76	61.60 -4.17 8.70	67.61 -2.97 9.63	65.41 -3.39 10.05	58.91 -2.76 7.24	50.60 -2.69 5.13	45.15 -3.29 2.98	43.50 -3.00 1.08
HOWARD_WT_PWR 323690	63.06 -2.62 -16.23	61.18 -2.47 -24.36	58.79 -2.28 -25.97	49.49 -1.97 -20.15	52.14 -2.18 -23.19	55.41 -2.05 -26.38	56.23 -2.05 -26.76	61.54 -1.87 -29.48	67.29 -2.49 -32.08	74.49 -3.36 -36.34	81.97 -4.44 -41.57	81.44 -4.28 -39.15	83.15 -4.21 -40.06	84.56 -4.36 -39.35	88.09 -4.35 -40.66	100.73 -4.55 -48.39	113.89 -4.65 -52.98	129.50 -3.95 -58.98	138.50 -3.53 -61.82	136.25 -3.00 -60.39	107.75 -2.48 -41.32	89.08 -2.10 -32.76	80.13 -2.26 -30.98	55.42 -2.81 -10.65
HQ_GEN_CEDARS 23644	49.79 0.35 0.00	39.41 0.12 0.00	35.07 -0.04 0.00	31.12 -0.19 0.00	31.00 -0.12 0.00	31.03 -0.06 0.00	31.52 0.00 0.00	33.83 -0.10 0.00	37.69 0.00 0.00	41.63 0.12 0.00	44.89 0.04 0.00	46.57 0.00 0.00	47.21 -0.09 0.00	49.37 -0.20 0.00	51.46 -0.31 0.00	56.39 -0.51 0.00	65.04 -0.52 0.00	73.88 -0.60 0.00	79.49 -0.72 0.00	78.54 -0.32 0.00	68.57 -0.34 0.00	58.13 -0.29 0.00	51.42 0.00 0.00	47.67 0.10 0.00
HQ_GEN_CEDARS_PROXY 323590	49.79 0.35 0.00	39.41 0.12 0.00	35.07 -0.04 0.00	31.12 -0.19 0.00	31.00 -0.12 0.00	31.03 -0.06 0.00	31.52 0.00 0.00	33.83 -0.10 0.00	37.65 -0.04 0.00	41.63 0.12 0.00	44.89 0.04 0.00	46.57 0.00 0.00	47.25 -0.05 0.00	49.37 -0.20 0.00	51.52 -0.26 0.00	56.33 -0.57 0.00	64.98 -0.59 0.00	73.80 -0.67 0.00	79.65 -0.56 0.00	78.33 -0.31 0.21	68.78 -0.34 -0.21	60.29 -0.29 -2.16	50.89 0.00 0.53	46.04 0.10 1.63

HQ_GEN_CHPE_PROXY 323851	52.37 2.92 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.51 2.19 -0.01	33.22 2.09 -0.01	33.16 2.05 -0.02	33.51 1.99 -0.01	36.25 2.31 -0.02	40.29 2.60 0.00	51.45 2.86 -7.08	57.32 3.50 -8.98	58.93 3.73 -8.63	60.72 3.83 -9.59	62.49 4.21 -8.71	65.08 4.40 -8.91	94.01 5.06 -32.05	98.39 5.90 -26.92	99.79 6.63 -18.69	101.67 6.97 -14.49	85.44 6.47 -0.11	74.31 5.17 -0.23	64.80 4.21 -2.17	59.59 3.70 -4.46	53.13 3.66 -1.89
HQ_GEN_IMPORT 323601	49.64 0.20 0.00	39.30 0.00 0.00	35.03 -0.07 0.00	31.12 -0.19 0.00	30.97 -0.15 0.00	31.00 -0.09 0.00	31.45 -0.06 0.00	33.73 -0.20 0.00	37.62 -0.08 0.00	41.59 0.08 0.00	44.93 0.09 0.00	46.62 0.05 0.00	47.35 0.05 0.00	49.57 0.00 0.00	51.72 -0.05 0.00	56.79 -0.11 0.00	65.44 -0.13 0.00	74.32 -0.15 0.00	79.97 -0.24 0.00	78.56 -0.08 0.21	69.06 -0.07 -0.21	60.52 -0.06 -2.16	50.89 0.00 0.53	45.99 0.05 1.63
HQ_GEN_WHEEL 23651	49.64 0.20 0.00	39.30 0.00 0.00	35.03 -0.07 0.00	31.12 -0.19 0.00	30.97 -0.15 0.00	31.00 -0.09 0.00	31.45 -0.06 0.00	33.73 -0.20 0.00	37.62 -0.08 0.00	41.59 0.08 0.00	44.93 0.09 0.00	46.62 0.05 0.00	47.35 0.05 0.00	49.57 0.00 0.00	51.72 -0.05 0.00	56.79 -0.11 0.00	65.44 -0.13 0.00	74.32 -0.15 0.00	79.97 -0.24 0.00	78.56 -0.08 0.21	69.06 -0.07 -0.21	60.52 -0.06 -2.16	50.89 0.00 0.53	45.99 0.05 1.63
HUDSON_AVE_GT_3 23810	52.51 3.07 0.00	41.85 2.55 0.00	37.39 2.28 0.00	33.57 2.25 0.00	33.28 2.15 0.00	33.22 2.11 -0.02	33.60 2.08 0.00	36.45 2.51 -0.02	40.41 2.71 0.00	51.53 2.99 -7.04	57.40 3.63 -8.93	59.02 3.87 -8.58	60.81 3.97 -9.53	62.59 4.36 -8.66	65.24 4.61 -8.86	93.94 5.18 -31.86	98.42 6.10 -26.76	100.05 7.00 -18.58	102.07 7.46 -14.40	85.96 6.78 -0.32	74.37 5.44 -0.02	62.70 4.26 -0.02	60.44 4.06 -4.96	54.83 3.76 -3.50
HUDSON_AVE_GT_4 23540	52.51 3.07 0.00	41.85 2.55 0.00	37.39 2.28 0.00	33.57 2.25 0.00	33.28 2.15 0.00	33.22 2.11 -0.02	33.60 2.08 0.00	36.45 2.51 -0.02	40.41 2.71 0.00	51.53 2.99 -7.04	57.40 3.63 -8.93	59.02 3.87 -8.58	60.81 3.97 -9.53	62.59 4.36 -8.66	65.24 4.61 -8.86	93.94 5.18 -31.86	98.42 6.10 -26.76	100.05 7.00 -18.58	102.07 7.46 -14.40	85.96 6.78 -0.32	74.37 5.44 -0.02	62.70 4.26 -0.02	60.44 4.06 -4.96	54.83 3.76 -3.50
HUDSON_AVE_GT_5 23657	52.51 3.07 0.00	41.85 2.55 0.00	37.39 2.28 0.00	33.57 2.25 0.00	33.28 2.15 0.00	33.22 2.11 -0.02	33.60 2.08 0.00	36.45 2.51 -0.02	40.41 2.71 0.00	51.53 2.99 -7.04	57.40 3.63 -8.93	59.02 3.87 -8.58	60.81 3.97 -9.53	62.59 4.36 -8.66	65.24 4.61 -8.86	93.94 5.18 -31.86	98.42 6.10 -26.76	100.05 7.00 -18.58	102.07 7.46 -14.40	85.96 6.78 -0.32	74.37 5.44 -0.02	62.70 4.26 -0.02	60.44 4.06 -4.96	54.83 3.76 -3.50
HUDSON_AVE_I0 24168	52.41 2.97 0.00	41.73 2.44 0.00	37.28 2.18 0.00	33.50 2.19 0.00	33.18 2.05 0.00	33.16 2.05 -0.02	33.53 2.02 0.00	36.39 2.44 -0.02	40.37 2.68 0.00	51.45 2.91 -7.04	57.22 3.45 -8.93	58.83 3.68 -8.58	60.67 3.83 -9.53	62.44 4.21 -8.66	65.08 4.45 -8.86	93.76 5.01 -31.86	98.23 5.90 -26.76	99.83 6.78 -18.58	101.83 7.22 -14.40	85.72 6.54 -0.32	74.24 5.31 -0.02	62.53 4.09 -0.02	60.34 3.96 -4.96	54.74 3.66 -3.50
HUDSON___115KV_TB 4 355613	51.42 1.98 0.00	40.99 1.69 0.00	36.82 1.72 0.00	32.94 1.63 0.00	32.69 1.56 0.00	32.55 1.46 0.00	32.97 1.45 0.00	35.42 1.49 0.00	38.90 1.21 0.00	42.66 1.16 0.00	46.19 1.35 0.00	47.83 1.26 0.00	48.67 1.37 0.00	51.16 1.59 0.00	53.53 1.76 0.00	59.06 2.16 0.00	68.06 2.49 0.00	77.67 3.20 0.00	83.90 3.69 0.00	82.32 3.47 0.00	72.02 3.10 0.00	61.11 2.69 0.00	53.73 2.31 0.00	49.53 1.95 0.00
HUNTER MOUNT___DRP 323613	51.72 2.27 0.00	41.18 1.89 0.00	36.96 1.86 0.00	33.06 1.75 0.00	32.78 1.65 0.00	32.67 1.59 0.00	33.06 1.54 0.00	35.45 1.53 0.00	38.97 1.28 0.00	42.75 1.25 0.00	46.23 1.39 0.00	47.88 1.30 0.00	48.72 1.42 0.00	51.16 1.59 0.00	53.64 1.86 0.00	59.18 2.28 0.00	68.26 2.69 0.00	77.97 3.50 0.00	84.30 4.09 0.00	82.72 3.86 0.00	72.36 3.45 0.00	61.40 2.98 0.00	53.94 2.52 0.00	49.76 2.19 0.00
HUNTINGTON_RES_REC 323705	52.66 3.21 0.00	42.25 2.95 0.00	37.52 2.42 0.00	33.63 2.32 0.00	33.28 2.15 0.00	33.17 2.08 0.00	33.66 2.14 0.00	36.51 2.58 0.00	40.89 3.20 0.00	44.99 3.49 0.00	49.06 4.21 -0.96	51.96 4.43 -0.57	52.37 4.50 -0.36	54.74 4.81 -0.36	56.42 4.66 0.01	81.87 4.78 -20.19	101.63 5.97 -30.10	104.81 6.71 -23.64	100.47 6.26 -14.00	95.60 5.52 -11.23	88.38 4.06 -15.40	61.29 3.09 0.22	54.28 2.88 0.01	51.67 4.09 0.00
HUNTLEY___63 23557	39.39 -5.49 4.57	27.57 -4.87 6.85	23.45 -4.35 7.30	22.04 -3.60 5.67	20.96 -3.64 6.52	19.88 -3.79 7.42	20.18 -3.81 7.53	21.67 -3.97 8.29	24.49 -4.18 9.02	26.22 -5.06 10.22	27.64 -5.52 11.69	30.28 -5.54 10.75	30.43 -5.87 11.00	30.53 -6.00 13.04	31.75 -6.06 13.97	33.26 -7.00 16.64	38.44 -8.13 18.99	44.34 -8.94 21.19	49.17 -8.10 22.94	47.16 -8.44 23.25	45.29 -7.24 16.38	39.99 -6.25 12.18	35.97 -6.38 9.07	38.87 -5.52 3.18
HUNTLEY___64 23558	39.39 -5.49 4.57	27.57 -4.87 6.85	23.45 -4.35 7.30	22.04 -3.60 5.67	20.96 -3.64 6.52	19.88 -3.79 7.42	20.18 -3.81 7.53	21.67 -3.97 8.29	24.49 -4.18 9.02	26.22 -5.06 10.22	27.64 -5.52 11.69	30.28 -5.54 10.75	30.43 -5.87 11.00	30.53 -6.00 13.04	31.75 -6.06 13.97	33.26 -7.00 16.64	38.44 -8.13 18.99	44.34 -8.94 21.19	49.17 -8.10 22.94	47.16 -8.44 23.25	45.29 -7.24 16.38	39.99 -6.25 12.18	35.97 -6.38 9.07	38.87 -5.52 3.18
HUNTLEY___65 23559	39.39 -5.49 4.57	27.57 -4.87 6.85	23.45 -4.35 7.30	22.04 -3.60 5.67	20.96 -3.64 6.52	19.88 -3.79 7.42	20.18 -3.81 7.53	21.67 -3.97 8.29	24.49 -4.18 9.02	26.22 -5.06 10.22	27.64 -5.52 11.69	30.28 -5.54 10.75	30.43 -5.87 11.00	30.53 -6.00 13.04	31.75 -6.06 13.97	33.26 -7.00 16.64	38.44 -8.13 18.99	44.34 -8.94 21.19	49.17 -8.10 22.94	47.16 -8.44 23.25	45.29 -7.24 16.38	39.99 -6.25 12.18	35.97 -6.38 9.07	38.87 -5.52 3.18
HUNTLEY___66 23560	39.39 -5.49 4.57	27.57 -4.87 6.85	23.45 -4.35 7.30	22.04 -3.60 5.67	20.96 -3.64 6.52	19.88 -3.79 7.42	20.18 -3.81 7.53	21.67 -3.97 8.29	24.49 -4.18 9.02	26.22 -5.06 10.22	27.64 -5.52 11.69	30.28 -5.54 10.75	30.43 -5.87 11.00	30.53 -6.00 13.04	31.75 -6.06 13.97	33.26 -7.00 16.64	38.44 -8.13 18.99	44.34 -8.94 21.19	49.17 -8.10 22.94	47.16 -8.44 23.25	45.29 -7.24 16.38	39.99 -6.25 12.18	35.97 -6.38 9.07	38.87 -5.52 3.18
HUNTLEY___67 23561	38.52 -5.64 5.29	26.41 -4.95 7.93	22.22 -4.42 8.46	21.05 -3.69 6.56	19.87 -3.70 7.55	18.68 -3.82 8.59	18.93 -3.88 8.71	20.33 -4.00 9.60	22.99 -4.26 10.45	24.52 -5.15 11.83	25.66 -5.65 13.54	28.87 -5.68 12.02	29.04 -5.96 12.30	29.08 -6.15 14.35	29.71 -6.26 15.80	31.53 -7.11 18.26	36.60 -8.20 20.77	42.22 -9.09 23.17	46.79 -8.26 25.16	44.90 -8.52 25.44	43.72 -7.30 17.89	38.82 -6.31 13.29	34.91 -6.43 10.08	38.42 -5.61 3.55

HUNTLEY___68 23562	38.52 -5.64 5.29	26.41 -4.95 7.93	22.22 -4.42 8.46	21.05 -3.69 6.56	19.87 -3.70 7.55	18.68 -3.82 8.59	18.93 -3.88 8.71	20.33 -4.00 9.60	22.99 -4.26 10.45	24.52 -5.15 11.83	25.66 -5.65 13.54	28.87 -5.68 12.02	29.04 -5.96 12.30	29.08 -6.15 14.35	29.71 -6.26 15.80	31.53 -7.11 18.26	36.60 -8.20 20.77	42.22 -9.09 23.17	46.79 -8.26 25.16	44.90 -8.52 25.44	43.72 -7.30 17.89	38.82 -6.31 13.29	34.91 -6.43 10.08	38.42 -5.61 3.55
HYLAND___LFGE 323620	65.98 -1.04 -17.58	64.34 -1.34 -26.38	62.00 -1.23 -28.12	52.22 -0.91 -21.82	55.31 -0.93 -25.12	58.65 -1.00 -28.56	59.48 -1.01 -28.98	65.03 -0.81 -31.92	70.81 -1.62 -34.74	77.83 -3.03 -39.36	82.91 -6.95 -45.02	81.50 -7.41 -42.33	83.14 -7.47 -43.31	84.01 -7.78 -42.22	87.41 -8.02 -43.66	100.08 -8.65 -51.82	113.01 -9.18 -56.63	128.77 -8.49 -62.79	138.60 -7.54 -65.94	137.13 -6.07 -64.34	108.04 -4.83 -43.96	89.35 -4.03 -34.96	84.73 -0.10 -33.41	57.78 -1.28 -11.49
INDECK___CORINTH 23802	52.76 3.31 0.00	41.93 2.63 0.00	37.52 2.42 0.00	33.53 2.22 0.00	33.31 2.18 0.00	33.17 2.08 0.00	33.66 2.14 0.00	36.24 2.31 0.00	39.92 2.22 0.00	43.83 2.32 0.00	47.17 2.33 0.00	49.09 2.51 0.00	49.85 2.55 0.00	52.35 2.77 0.00	54.88 3.11 0.00	58.89 1.99 0.00	68.12 2.55 0.00	77.30 2.83 0.00	83.74 3.53 0.00	82.41 3.55 0.00	72.02 3.10 0.00	61.28 2.86 0.00	53.68 2.26 0.00	50.91 3.33 0.00
INDECK___ILION 23567	50.04 0.59 0.00	39.77 0.47 0.00	35.53 0.42 0.00	31.75 0.44 0.00	31.53 0.40 0.00	31.46 0.37 0.00	31.86 0.35 0.00	34.34 0.41 0.00	38.14 0.45 0.00	41.92 0.42 0.00	45.29 0.45 0.00	46.99 0.42 0.00	47.73 0.43 0.00	49.92 0.35 0.00	52.14 0.36 0.00	57.30 0.40 0.00	65.90 0.33 0.00	74.84 0.37 0.00	80.69 0.48 0.00	79.41 0.55 0.00	69.40 0.48 0.00	58.83 0.41 0.00	51.83 0.41 0.00	47.96 0.38 0.00
INDECK___OLEAN 23982	44.98 -3.02 1.44	34.30 -2.83 2.16	30.27 -2.53 2.31	27.49 -2.03 1.79	26.98 -2.09 2.06	26.57 -2.18 2.34	27.03 -2.11 2.38	29.58 -1.73 2.62	32.74 -2.11 2.85	35.45 -2.82 3.22	37.79 -3.36 3.69	40.42 -2.93 3.22	40.74 -3.26 3.29	41.35 -3.27 4.95	43.01 -3.21 5.55	46.82 -3.53 6.55	53.80 -4.00 7.76	62.57 -3.20 8.70	67.61 -2.97 9.63	65.49 -3.31 10.05	58.98 -2.69 7.24	50.89 -2.40 5.13	45.97 -2.47 2.98	43.46 -3.05 1.08
INDECK___OSWEGO 23783	47.91 -1.53 0.00	38.20 -1.10 0.00	34.23 -0.88 0.00	30.59 -0.72 0.00	30.38 -0.75 0.00	30.31 -0.78 0.00	30.70 -0.82 0.00	33.15 -0.78 0.00	36.75 -0.94 0.00	40.30 -1.20 0.00	43.36 -1.48 0.00	45.08 -1.49 0.00	45.79 -1.52 0.00	50.39 -1.69 -2.50	52.92 -1.71 -2.85	58.84 -1.82 -3.77	68.59 -1.97 -4.99	80.08 -2.01 -7.62	85.12 -2.09 -7.00	84.22 -1.97 -7.34	72.80 -1.65 -5.55	60.53 -1.46 -3.56	50.50 -1.54 -0.63	46.33 -1.52 -0.28
INDECK___YERKES 23781	39.44 -5.44 4.57	27.61 -4.83 6.85	23.48 -4.32 7.30	22.04 -3.60 5.67	20.96 -3.64 6.52	19.91 -3.76 7.42	20.27 -3.72 7.53	22.15 -3.49 8.29	24.67 -4.00 9.02	26.30 -4.98 10.22	27.41 -5.74 11.69	30.51 -5.31 10.75	30.34 -5.96 11.00	30.53 -6.00 13.04	31.80 -6.00 13.97	33.43 -6.83 16.64	38.70 -7.87 18.99	45.91 -7.37 21.19	49.25 -8.02 22.94	47.32 -8.28 23.25	45.43 -7.10 16.38	40.40 -5.84 12.18	37.16 -5.19 9.07	38.83 -5.57 3.18
INDIAN POINT_GT_1 24139	51.87 2.42 0.00	41.34 2.04 0.00	36.93 1.83 0.00	33.19 1.88 0.00	32.87 1.74 0.00	32.80 1.71 0.00	33.19 1.67 0.00	36.00 2.07 0.00	39.92 2.22 0.00	43.95 2.45 0.00	47.85 3.00 0.00	49.79 3.21 0.00	50.61 3.31 0.00	53.24 3.67 0.00	55.66 3.88 0.00	61.34 4.44 0.00	70.81 5.25 0.00	80.50 6.03 0.00	86.63 6.42 0.00	84.61 5.76 0.00	73.46 4.55 0.00	61.93 3.51 0.00	54.81 3.39 0.00	50.67 3.09 0.00
INDIAN POINT_GT_2 23659	51.87 2.42 0.00	41.34 2.04 0.00	36.93 1.83 0.00	33.19 1.88 0.00	32.87 1.74 0.00	32.80 1.71 0.00	33.19 1.67 0.00	36.00 2.07 0.00	39.92 2.22 0.00	43.95 2.45 0.00	47.85 3.00 0.00	49.79 3.21 0.00	50.61 3.31 0.00	53.24 3.67 0.00	55.66 3.88 0.00	61.34 4.44 0.00	70.81 5.25 0.00	80.50 6.03 0.00	86.63 6.42 0.00	84.61 5.76 0.00	73.46 4.55 0.00	61.93 3.51 0.00	54.81 3.39 0.00	50.67 3.09 0.00
INDIAN POINT_GT_3 24019	51.87 2.42 0.00	41.34 2.04 0.00	36.93 1.83 0.00	33.19 1.88 0.00	32.87 1.74 0.00	32.80 1.71 0.00	33.19 1.67 0.00	36.00 2.07 0.00	39.92 2.22 0.00	43.95 2.45 0.00	47.85 3.00 0.00	49.79 3.21 0.00	50.61 3.31 0.00	53.24 3.67 0.00	55.66 3.88 0.00	61.34 4.44 0.00	70.81 5.25 0.00	80.50 6.03 0.00	86.63 6.42 0.00	84.61 5.76 0.00	73.46 4.55 0.00	61.93 3.51 0.00	54.81 3.39 0.00	50.67 3.09 0.00
INDIAN POINT___2 23530	51.77 2.32 0.00	41.30 2.00 0.00	36.86 1.75 0.00	33.13 1.82 0.00	32.81 1.68 0.00	32.77 1.68 0.00	33.12 1.61 0.00	35.83 1.90 0.00	39.80 2.11 0.00	43.87 2.36 0.00	47.80 2.96 0.00	49.70 3.12 0.00	50.52 3.22 0.00	53.14 3.57 0.00	55.50 3.73 0.00	61.22 4.32 0.00	70.62 5.05 0.00	80.13 5.66 0.00	86.23 6.02 0.00	84.37 5.52 0.00	73.26 4.34 0.00	61.87 3.45 0.00	54.50 3.08 0.00	50.58 3.00 0.00
INDIAN POINT___3 23531	51.77 2.32 0.00	41.30 2.00 0.00	36.89 1.79 0.00	33.13 1.82 0.00	32.84 1.71 0.00	32.77 1.68 0.00	33.15 1.64 0.00	35.93 2.00 0.00	39.84 2.15 0.00	43.87 2.37 0.00	47.76 2.91 0.00	49.69 3.12 0.00	50.52 3.22 0.00	53.14 3.57 0.00	55.50 3.73 0.00	61.17 4.27 0.00	70.62 5.05 0.00	80.28 5.81 0.00	86.31 6.10 0.00	84.29 5.44 0.00	73.26 4.34 0.00	61.81 3.39 0.00	54.71 3.29 0.00	50.57 3.00 0.00
INDIANHD_69_KV_BK1 55831	52.91 3.46 0.00	42.28 2.99 0.00	37.74 2.63 0.00	33.75 2.44 0.00	33.46 2.33 0.00	33.30 2.21 0.00	33.82 2.30 0.00	36.74 2.82 0.00	41.12 3.43 0.00	44.78 3.28 0.00	49.15 4.30 0.00	52.14 4.61 -0.96	52.56 4.68 -0.57	55.03 5.11 -0.35	57.81 5.02 -1.01	79.75 5.06 -17.79	98.51 6.36 -26.58	102.86 7.30 -21.10	99.84 6.90 -12.73	95.08 5.91 -10.31	87.20 4.55 -13.73	61.80 3.39 0.01	55.46 4.01 -0.03	51.95 4.38 0.00
INGHAM_C_115KV_TB7 356103	50.58 1.14 0.00	40.16 0.86 0.00	35.88 0.77 0.00	32.06 0.75 0.00	31.84 0.72 0.00	31.74 0.65 0.00	32.15 0.63 0.00	34.64 0.71 0.00	38.45 0.75 0.00	42.25 0.75 0.00	45.61 0.76 0.00	47.32 0.75 0.00	48.06 0.76 0.00	50.22 0.64 0.00	52.39 0.62 0.00	57.53 0.63 0.00	66.03 0.46 0.00	74.92 0.45 0.00	80.93 0.72 0.00	79.64 0.79 0.00	69.67 0.76 0.00	59.06 0.64 0.00	52.14 0.72 0.00	48.29 0.71 0.00
IP CORINTH___1 23988	52.76 3.31 0.00	41.93 2.63 0.00	37.53 2.42 0.00	33.53 2.22 0.00	33.31 2.18 0.00	33.17 2.08 0.00	33.66 2.14 0.00	36.23 2.31 0.00	39.92 2.22 0.00	43.95 2.45 0.00	47.18 2.33 0.00	49.14 2.56 0.00	49.86 2.55 0.00	52.35 2.78 0.00	54.88 3.11 0.00	60.54 3.64 0.00	70.22 4.66 0.00	79.91 5.44 0.00	86.55 6.34 0.00	84.93 6.07 0.00	74.29 5.38 0.00	63.09 4.67 0.00	55.28 3.86 0.00	50.91 3.33 0.00

IP___TICONDEROGA 23804	54.93 5.49 0.00	43.58 4.28 0.00	39.00 3.90 0.00	34.85 3.54 0.00	34.62 3.49 0.00	34.41 3.33 0.00	34.92 3.40 0.00	37.49 3.56 0.00	41.12 3.43 0.00	45.36 3.86 0.00	48.70 3.86 0.00	50.77 4.19 0.00	51.51 4.21 0.00	54.13 4.56 0.00	56.79 5.02 0.00	62.76 5.86 0.00	72.85 7.28 0.00	83.26 8.79 0.00	90.64 10.43 0.00	89.18 10.33 0.00	77.94 9.03 0.00	66.13 7.71 0.00	57.69 6.27 0.00	53.00 5.42 0.00
ISLIP_RES_REC 323679	53.35 3.91 0.00	42.91 3.61 0.00	38.09 2.98 0.00	34.10 2.79 0.00	33.74 2.62 0.00	33.61 2.52 0.00	34.13 2.61 0.00	37.01 3.09 0.00	41.50 3.81 0.00	45.61 4.11 0.00	49.55 4.71 0.00	52.61 5.08 -0.96	52.99 5.11 -0.57	55.50 5.60 -0.33	61.55 5.54 -4.23	70.63 5.69 -8.05	85.02 7.15 -12.31	93.29 8.12 -10.70	95.45 7.78 -7.46	92.31 7.02 -6.44	81.26 5.44 -6.91	63.35 4.21 -0.72	55.29 3.86 -0.01	52.43 4.86 0.00
JAMAICA__27_KV_LOAD 355505	52.86 3.41 0.00	42.09 2.79 0.00	37.56 2.46 0.00	33.72 2.41 0.00	33.40 2.27 0.00	33.37 2.27 -0.02	33.78 2.27 0.00	36.69 2.75 -0.02	40.71 3.02 0.00	51.78 3.24 -7.04	57.40 3.63 -8.93	59.07 3.91 -8.58	60.90 4.07 -9.53	62.74 4.51 -8.66	65.45 4.81 -8.86	94.16 5.41 -31.86	98.82 6.49 -26.76	100.57 7.52 -18.58	102.55 7.94 -14.40	86.43 7.25 -0.32	74.99 6.06 -0.02	63.05 4.62 -0.02	60.85 4.47 -4.96	55.12 4.04 -3.50
JANIS___SOLAR 323808	52.14 1.18 -1.51	42.35 0.79 -2.27	38.26 0.74 -2.41	33.97 0.78 -1.87	33.97 0.68 -2.16	34.19 0.65 -2.45	34.48 0.47 -2.49	37.31 0.64 -2.74	41.09 0.42 -2.98	44.84 -0.04 -3.38	48.30 -0.40 -3.87	49.96 -0.28 -3.66	50.81 -0.24 -3.75	52.42 -0.54 -3.39	54.81 -0.42 -3.45	60.76 -0.23 -4.09	70.27 0.33 -4.38	80.99 1.26 -5.26	87.65 2.33 -5.11	86.33 2.68 -4.80	74.61 2.48 -3.22	63.06 1.99 -2.65	55.53 1.29 -2.82	49.40 0.86 -0.96
JARVIS____ 23743	49.54 0.10 0.00	39.41 0.12 0.00	35.25 0.14 0.00	31.47 0.16 0.00	31.29 0.16 0.00	31.21 0.12 0.00	31.64 0.13 0.00	34.10 0.17 0.00	37.84 0.15 0.00	41.59 0.08 0.00	44.93 0.09 0.00	46.67 0.09 0.00	47.44 0.14 0.00	49.67 0.10 0.00	51.88 0.10 0.00	57.07 0.17 0.00	65.70 0.13 0.00	74.62 0.15 0.00	80.37 0.16 0.00	79.01 0.16 0.00	69.05 0.14 0.00	58.54 0.12 0.00	51.52 0.10 0.00	47.72 0.14 0.00
JENNISON___1 23625	51.75 1.48 -0.82	41.56 1.02 -1.24	37.34 0.91 -1.32	33.31 0.97 -1.02	33.18 0.87 -1.18	33.21 0.78 -1.34	33.35 0.47 -1.36	36.17 0.75 -1.50	40.15 0.83 -1.63	43.93 0.58 -1.85	47.49 0.54 -2.11	49.19 0.61 -2.01	49.97 0.61 -2.06	51.57 0.30 -1.70	53.94 0.47 -1.70	59.53 0.63 -2.01	68.64 0.98 -2.09	78.56 1.49 -2.60	85.11 2.49 -2.41	83.47 2.44 -2.17	72.54 2.21 -1.42	61.46 1.81 -1.23	54.11 1.18 -1.51	49.09 1.00 -0.51
JENNISON___2 23626	51.75 1.48 -0.82	41.56 1.02 -1.24	37.34 0.91 -1.32	33.31 0.97 -1.02	33.18 0.87 -1.18	33.21 0.78 -1.34	33.35 0.47 -1.36	36.17 0.75 -1.50	40.15 0.83 -1.63	43.93 0.58 -1.85	47.49 0.54 -2.11	49.19 0.61 -2.01	49.97 0.61 -2.06	51.57 0.30 -1.70	53.94 0.47 -1.70	59.53 0.63 -2.01	68.64 0.98 -2.09	78.56 1.49 -2.60	85.11 2.49 -2.41	83.47 2.44 -2.17	72.54 2.21 -1.42	61.46 1.81 -1.23	54.11 1.18 -1.51	49.09 1.00 -0.51
JERICHO_RISE_WT_PWR 323719	49.49 0.05 0.00	39.22 -0.08 0.00	34.82 -0.28 0.00	30.90 -0.41 0.00	30.72 -0.41 0.00	30.75 -0.34 0.00	31.26 -0.25 0.00	33.52 -0.41 0.00	37.39 -0.30 0.00	41.38 -0.12 0.00	44.66 -0.18 0.00	46.25 -0.32 0.00	46.83 -0.47 0.00	48.93 -0.65 0.00	50.94 -0.83 0.00	55.76 -1.14 0.00	64.32 -1.25 0.00	72.98 -1.49 0.00	78.61 -1.60 0.00	77.44 -1.42 0.00	67.60 -1.31 0.00	57.37 -1.05 0.00	50.70 -0.72 0.00	47.01 -0.57 0.00
KATONAH___115KV_46KV_TB4 355592	52.26 2.82 0.00	41.61 2.32 0.00	37.14 2.04 0.00	33.38 2.07 0.00	33.06 1.93 0.00	33.02 1.93 0.00	33.41 1.89 0.00	36.20 2.27 0.00	40.18 2.49 0.00	44.24 2.74 0.00	48.21 3.36 0.00	50.21 3.63 0.00	51.13 3.83 0.00	53.74 4.16 0.00	56.23 4.45 0.00	62.02 5.12 0.00	71.67 6.10 0.00	81.55 7.07 0.00	87.75 7.54 0.00	85.64 6.78 0.00	74.29 5.38 0.00	62.51 4.09 0.00	55.22 3.81 0.00	51.00 3.43 0.00
KCE_NY_1 323755	52.06 2.62 0.00	41.42 2.12 0.00	37.10 2.00 0.00	33.16 1.85 0.00	32.93 1.80 0.00	32.83 1.74 0.00	33.28 1.76 0.00	35.83 1.90 0.00	39.50 1.81 0.00	43.29 1.78 0.00	46.81 1.97 0.00	48.72 2.14 0.00	49.52 2.22 0.00	52.05 2.48 0.00	54.52 2.74 0.00	59.69 2.79 0.00	68.71 3.15 0.00	77.90 3.43 0.00	84.06 3.85 0.00	82.64 3.78 0.00	72.36 3.44 0.00	61.51 3.09 0.00	53.94 2.52 0.00	50.19 2.61 0.00
KCE_NY_6_ESR 323823	39.14 -4.84 5.46	26.75 -4.36 8.19	22.48 -3.90 8.73	21.31 -3.22 6.77	20.03 -3.30 7.79	18.81 -3.42 8.86	19.15 -3.37 8.99	20.87 -3.15 9.90	23.30 -3.62 10.78	24.77 -4.52 12.21	25.63 -5.25 13.97	28.96 -4.84 12.77	28.89 -5.35 13.07	29.13 -5.40 15.04	30.17 -5.44 16.16	31.71 -6.09 19.10	36.94 -6.95 21.67	43.91 -6.40 24.16	47.34 -6.82 26.06	45.54 -7.02 26.29	44.46 -6.00 18.46	39.68 -4.91 13.83	36.34 -4.42 10.66	38.89 -4.95 3.73
KEDC_PORT_JEFF_GT2 24210	53.05 3.61 0.00	42.68 3.38 0.00	37.88 2.77 0.00	33.91 2.60 0.00	33.56 2.43 0.00	33.45 2.36 0.00	33.94 2.43 0.00	36.81 2.88 0.00	41.27 3.58 0.00	45.32 3.82 0.00	49.24 4.40 0.00	52.24 4.70 -0.96	52.65 4.78 -0.57	55.11 5.20 -0.34	60.12 5.08 -3.27	71.86 5.18 -9.79	86.61 6.16 -14.88	94.11 7.00 -12.65	95.33 6.58 -8.54	91.96 5.84 -7.27	81.71 4.62 -8.18	62.73 3.74 -0.56	54.88 3.45 -0.01	52.10 4.52 0.00
KEDC_PORT_JEFF_GT3 24211	53.05 3.61 0.00	42.68 3.38 0.00	37.88 2.77 0.00	33.91 2.60 0.00	33.56 2.43 0.00	33.45 2.36 0.00	33.94 2.43 0.00	36.81 2.88 0.00	41.27 3.58 0.00	45.32 3.82 0.00	49.24 4.40 0.00	52.24 4.70 -0.96	52.65 4.78 -0.57	55.11 5.20 -0.34	60.12 5.08 -3.27	71.86 5.18 -9.79	86.61 6.16 -14.88	94.11 7.00 -12.65	95.33 6.58 -8.54	91.96 5.84 -7.27	81.71 4.62 -8.18	62.73 3.74 -0.56	54.88 3.45 -0.01	52.10 4.52 0.00
KEDC_GLWD_GT4 24219	52.41 2.97 0.00	41.89 2.59 0.00	37.32 2.21 0.00	33.47 2.16 0.00	33.18 2.05 0.00	33.08 1.99 0.00	33.50 1.99 0.00	36.27 2.34 0.00	40.44 2.75 0.00	44.57 3.07 0.00	48.74 3.90 0.00	51.68 4.14 -0.96	52.13 4.26 -0.57	54.55 4.66 -0.32	56.59 4.82 0.00	62.20 5.29 -0.01	71.54 5.97 -0.01	81.18 6.71 -0.01	86.86 6.65 0.00	84.84 5.99 0.00	73.53 4.62 0.00	62.44 4.03 0.00	54.86 3.45 0.00	51.38 3.81 0.00
KEDC_GLWD_GT5 24220	52.41 2.97 0.00	41.89 2.59 0.00	37.32 2.21 0.00	33.47 2.16 0.00	33.18 2.05 0.00	33.08 1.99 0.00	33.50 1.99 0.00	36.27 2.34 0.00	40.44 2.75 0.00	44.57 3.07 0.00	48.74 3.90 0.00	51.68 4.14 -0.96	52.13 4.26 -0.57	54.55 4.66 -0.32	56.59 4.82 0.00	62.20 5.29 -0.01	71.54 5.97 -0.01	81.18 6.71 -0.01	86.86 6.65 0.00	84.84 5.99 0.00	73.53 4.62 0.00	62.44 4.03 0.00	54.86 3.45 0.00	51.38 3.81 0.00

KENSICO____ 23655	52.02 2.57 0.00	41.46 2.16 0.00	37.04 1.93 0.00	33.28 1.97 0.00	32.97 1.84 0.00	32.89 1.80 0.00	33.28 1.76 0.00	36.10 2.17 0.00	40.03 2.34 0.00	44.08 2.57 0.00	47.98 3.14 0.00	49.97 3.40 0.00	50.80 3.50 0.00	53.44 3.87 0.00	55.86 4.09 0.00	61.51 4.61 0.00	71.01 5.44 0.00	80.73 6.26 0.00	86.87 6.66 0.00	84.85 5.99 0.00	73.67 4.76 0.00	62.10 3.68 0.00	54.97 3.55 0.00	50.86 3.28 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	52.31 2.87 0.00	41.58 2.28 0.00	37.07 1.97 0.00	33.28 1.97 0.00	32.97 1.84 0.00	32.89 1.80 0.00	33.28 1.76 0.00	35.96 2.04 0.00	39.99 2.30 0.00	43.99 2.49 0.00	47.89 3.05 0.00	49.79 3.21 0.00	50.61 3.31 0.00	53.09 3.52 0.00	55.60 3.83 0.00	61.39 4.50 0.00	71.01 5.44 0.00	81.02 6.55 0.00	87.35 7.14 0.00	85.48 6.62 0.00	74.15 5.24 0.00	62.51 4.09 0.00	55.17 3.75 0.00	50.95 3.38 0.00
KIAC_JFK_GT1 23816	52.41 2.97 0.00	41.77 2.48 0.00	37.28 2.18 0.00	33.47 2.16 0.00	33.15 2.02 0.00	33.13 2.02 -0.02	33.53 2.02 0.00	36.45 2.51 -0.02	40.41 2.71 0.00	51.45 2.91 -7.04	57.00 3.23 -8.93	58.69 3.54 -8.58	60.48 3.64 -9.53	62.29 4.06 -8.66	64.93 4.30 -8.86	93.48 4.72 -31.86	97.90 5.57 -26.76	99.53 6.48 -18.58	101.51 6.90 -14.40	85.33 6.15 -0.32	74.31 5.38 -0.02	62.47 4.03 -0.02	60.39 4.01 -4.96	54.74 3.66 -3.50
KIAC_JFK_GT2 23817	52.41 2.97 0.00	41.77 2.48 0.00	37.28 2.18 0.00	33.47 2.16 0.00	33.15 2.02 0.00	33.13 2.02 -0.02	33.53 2.02 0.00	36.45 2.51 -0.02	40.41 2.71 0.00	51.45 2.91 -7.04	57.00 3.23 -8.93	58.69 3.54 -8.58	60.48 3.64 -9.53	62.29 4.06 -8.66	64.93 4.30 -8.86	93.48 4.72 -31.86	97.90 5.57 -26.76	99.53 6.48 -18.58	101.51 6.90 -14.40	85.33 6.15 -0.32	74.31 5.38 -0.02	62.47 4.03 -0.02	60.39 4.01 -4.96	54.74 3.66 -3.50
KIAC_JFK____ 323774	52.42 2.97 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.48 2.16 -0.01	33.16 2.02 -0.01	33.12 2.02 -0.02	33.54 2.02 -0.01	36.32 2.37 -0.02	40.41 2.72 0.00	51.41 2.86 -7.04	57.04 3.27 -8.93	58.69 3.54 -8.58	60.48 3.64 -9.53	62.29 4.07 -8.66	64.93 4.29 -8.86	93.48 4.72 -31.86	97.90 5.57 -26.76	99.46 6.41 -18.58	101.35 6.74 -14.40	85.41 6.23 -0.32	74.24 5.31 -0.02	62.52 4.09 -0.02	60.19 3.80 -4.96	54.74 3.66 -3.50
KINTIGH_24_KV_GSU 356498	40.98 -5.54 2.93	30.10 -4.80 4.40	26.17 -4.25 4.69	24.10 -3.57 3.64	23.36 -3.58 4.19	22.63 -3.70 4.76	23.03 -3.66 4.83	25.14 -3.46 5.32	27.94 -3.96 5.79	30.08 -4.86 6.56	31.77 -5.56 7.51	34.14 -5.31 7.12	34.20 -5.82 7.29	34.21 -5.90 9.46	35.85 -5.95 9.97	37.97 -6.66 12.27	43.73 -7.60 14.23	51.19 -8.02 15.90	54.91 -8.91 17.28	52.91 -8.20 17.74	49.26 -7.03 12.62	43.28 -5.90 9.24	39.96 -5.25 6.21	39.77 -5.61 2.19
KINTIGH____ 23543	40.98 -5.54 2.93	30.10 -4.79 4.40	26.13 -4.28 4.69	24.10 -3.57 3.64	23.36 -3.58 4.19	22.63 -3.70 4.76	22.96 -3.72 4.83	24.81 -3.80 5.32	27.83 -4.07 5.79	30.00 -4.94 6.56	31.96 -5.38 7.51	34.00 -5.45 7.12	34.29 -5.72 7.29	34.21 -5.90 9.46	35.80 -6.01 9.97	37.86 -6.77 12.27	43.60 -7.74 14.23	49.93 -8.64 15.90	54.83 -8.10 17.28	52.83 -8.28 17.74	49.13 -7.17 12.62	42.99 -6.19 9.24	38.94 -6.27 6.21	39.87 -5.52 2.19
KNTFSRNC_46_KV_46KV_LOAD 80397	50.19 0.74 0.00	39.73 0.43 0.00	35.28 0.18 0.00	31.31 0.00 0.00	31.13 0.00 0.00	31.18 0.09 0.00	31.70 0.19 0.00	34.03 0.10 0.00	37.88 0.19 0.00	41.88 0.37 0.00	45.16 0.31 0.00	46.76 0.19 0.00	47.35 0.05 0.00	49.47 -0.10 0.00	51.51 -0.26 0.00	56.44 -0.46 0.00	65.11 -0.46 0.00	74.02 -0.45 0.00	79.65 -0.56 0.00	78.62 -0.24 0.00	68.64 -0.28 0.00	58.19 -0.23 0.00	51.37 -0.05 0.00	47.67 0.10 0.00
LACHUTE____HYDRO 323717	54.93 5.49 0.00	43.58 4.28 0.00	39.00 3.90 0.00	34.85 3.54 0.00	34.61 3.49 0.00	34.42 3.33 0.00	34.92 3.40 0.00	37.49 3.56 0.00	41.12 3.43 0.00	45.24 3.74 0.00	48.70 3.86 0.00	50.77 4.19 0.00	51.51 4.21 0.00	54.13 4.56 0.00	56.79 5.02 0.00	61.57 4.67 0.00	71.34 5.77 0.00	81.40 6.93 0.00	88.55 8.34 0.00	87.30 8.44 0.00	76.22 7.30 0.00	64.79 6.37 0.00	56.56 5.14 0.00	53.00 5.42 0.00
LAWRNCV_115KV_TB1 80681	49.54 0.10 0.00	39.22 -0.08 0.00	34.93 -0.18 0.00	31.00 -0.31 0.00	30.91 -0.22 0.00	30.93 -0.16 0.00	31.42 -0.09 0.00	33.69 -0.24 0.00	37.54 -0.15 0.00	41.46 -0.04 0.00	44.66 -0.18 0.00	46.34 -0.23 0.00	46.97 -0.33 0.00	49.08 -0.50 0.00	51.10 -0.67 0.00	55.99 -0.91 0.00	64.58 -0.98 0.00	73.43 -1.04 0.00	79.25 -0.96 0.00	78.46 -0.39 0.00	68.50 -0.41 0.00	58.07 -0.35 0.00	51.32 -0.10 0.00	47.58 0.00 0.00
LEDERLE____ 23769	52.02 2.57 0.00	41.46 2.16 0.00	37.04 1.93 0.00	33.25 1.94 0.00	32.93 1.81 0.00	32.86 1.77 0.00	33.25 1.73 0.00	36.03 2.10 0.00	39.99 2.30 0.00	44.03 2.53 0.00	47.94 3.09 0.00	49.93 3.35 0.00	50.71 3.41 0.00	53.34 3.77 0.00	55.76 3.99 0.00	61.45 4.55 0.00	70.94 5.38 0.00	80.65 6.18 0.00	86.79 6.58 0.00	84.77 5.91 0.00	73.60 4.69 0.00	62.04 3.62 0.00	54.92 3.50 0.00	50.76 3.19 0.00
LIGHTHSE_115KV_TB6 355974	49.00 -0.44 0.00	38.90 -0.39 0.00	34.86 -0.25 0.00	31.12 -0.19 0.00	30.91 -0.22 0.00	30.81 -0.28 0.00	31.17 -0.35 0.00	33.66 -0.27 0.00	37.35 -0.34 0.00	40.88 -0.62 0.00	44.04 -0.81 0.00	45.74 -0.84 0.00	46.50 -0.80 0.00	48.98 -1.09 -0.50	51.25 -1.09 -0.57	56.46 -1.19 -0.75	65.32 -1.25 -1.00	75.39 -1.19 -2.12	81.10 -0.64 -1.53	79.92 -0.39 -1.46	69.75 -0.28 -1.11	58.84 -0.29 -0.71	50.98 -0.57 -0.12	47.06 -0.57 -0.06
LINDEN COGEN____ 23786	52.17 2.72 -0.01	41.58 2.28 -0.01	37.11 2.00 -0.01	33.38 2.07 -0.01	33.07 1.93 -0.01	33.00 1.90 -0.02	33.35 1.83 -0.01	36.08 2.14 -0.02	40.11 2.41 0.00	51.24 2.70 -7.04	57.09 3.32 -8.93	58.65 3.49 -8.58	60.42 3.59 -9.53	60.49 3.97 -6.95	61.43 4.14 -5.52	87.84 4.72 -26.22	93.32 5.51 -22.25	94.91 6.18 -14.27	93.39 6.58 -6.60	81.06 6.07 3.87	69.42 4.75 4.24	62.28 3.85 -0.01	59.82 3.45 -4.95	54.54 3.47 -3.50
LINDHRST_69_KV_BK1 356055	53.30 3.86 0.00	42.56 3.26 0.00	37.98 2.88 0.00	33.97 2.66 0.00	33.68 2.55 0.00	33.51 2.42 0.00	34.04 2.52 0.00	36.98 3.05 0.00	41.35 3.66 0.00	45.20 3.69 0.00	49.64 4.80 0.00	52.70 5.17 -0.96	53.17 5.30 -0.57	55.65 5.75 -0.32	59.91 5.75 -2.39	63.66 5.92 -0.84	74.38 7.47 -1.34	84.37 8.56 -1.34	89.66 8.34 -1.11	87.28 7.41 -1.01	75.48 5.72 -0.85	63.17 4.38 -0.36	56.10 4.68 0.00	52.43 4.85 0.00
LIPA_MISC_IPP 23656	53.05 3.61 0.00	42.48 3.18 0.00	37.95 2.84 0.00	33.91 2.60 0.00	33.59 2.46 0.00	33.42 2.33 0.00	33.94 2.43 0.00	36.88 2.95 0.00	41.31 3.62 0.00	44.74 3.24 0.00	48.92 4.08 0.00	51.96 4.42 -0.96	52.28 4.40 -0.57	54.86 4.96 -0.33	60.30 4.92 -3.60	70.11 4.89 -8.32	84.60 6.29 -12.74	92.81 7.22 -11.12	94.99 6.98 -7.80	91.83 6.23 -6.75	80.91 4.82 -7.18	62.77 3.68 -0.66	55.70 4.27 -0.01	52.00 4.42 0.00

LISF___SOLAR 323691	53.15 3.71 0.00	42.76 3.46 0.00	37.95 2.84 0.00	33.97 2.66 0.00	33.62 2.49 0.00	33.48 2.39 0.00	34.00 2.49 0.00	36.85 2.92 0.00	41.31 3.62 0.00	45.28 3.78 0.00	49.11 4.26 0.00	52.05 4.52 -0.96	52.37 4.50 -0.57	54.96 5.06 -0.33	60.37 4.97 -3.63	70.39 5.06 -8.43	84.96 6.49 -12.90	93.07 7.37 -11.23	95.19 7.14 -7.85	92.17 6.54 -6.78	81.19 5.03 -7.25	63.00 3.91 -0.66	55.03 3.60 -0.01	52.19 4.61 0.00
LITTLE FALLS___HYD 24013	50.58 1.14 0.00	40.16 0.86 0.00	35.88 0.77 0.00	32.06 0.75 0.00	31.84 0.72 0.00	31.74 0.65 0.00	32.15 0.63 0.00	34.64 0.71 0.00	38.45 0.75 0.00	42.25 0.75 0.00	45.61 0.76 0.00	47.32 0.75 0.00	48.06 0.76 0.00	50.22 0.64 0.00	52.39 0.62 0.00	57.53 0.63 0.00	66.03 0.46 0.00	74.92 0.45 0.00	80.93 0.72 0.00	79.64 0.79 0.00	69.67 0.76 0.00	59.06 0.64 0.00	52.14 0.72 0.00	48.29 0.71 0.00
LITTLRIV_115KV_TB1 356100	50.14 0.69 0.00	39.65 0.35 0.00	35.24 0.14 0.00	31.28 -0.03 0.00	31.22 0.09 0.00	31.21 0.12 0.00	31.67 0.16 0.00	33.93 0.00 0.00	37.73 0.04 0.00	41.63 0.12 0.00	44.80 -0.04 0.00	46.43 -0.14 0.00	47.06 -0.24 0.00	49.18 -0.40 0.00	51.26 -0.52 0.00	56.10 -0.80 0.00	64.85 -0.72 0.00	73.88 -0.60 0.00	79.89 -0.32 0.00	79.33 0.47 0.00	69.33 0.41 0.00	58.71 0.29 0.00	51.83 0.41 0.00	48.05 0.48 0.00
LI_NEWBRDGE___DRP 323616	52.11 2.67 0.00	41.61 2.32 0.00	37.14 2.04 0.00	33.28 1.97 0.00	33.00 1.87 0.00	32.83 1.74 0.00	33.31 1.80 0.00	36.20 2.27 0.00	40.37 2.68 0.00	44.20 2.70 0.00	48.43 3.59 0.00	51.35 3.82 -0.96	51.80 3.93 -0.57	54.11 4.21 -0.32	55.97 4.19 0.00	61.22 4.32 0.01	71.00 5.44 0.01	80.72 6.26 0.01	86.07 5.86 0.00	83.90 5.05 0.00	72.70 3.79 0.01	61.28 2.86 0.01	54.71 3.29 0.00	51.19 3.62 0.00
LOCKPORT_115KV_TB60_63_64 80432	39.75 -5.74 3.95	28.30 -5.07 5.93	24.25 -4.53 6.32	22.68 -3.73 4.91	21.72 -3.77 5.65	20.78 -3.89 6.42	21.06 -3.94 6.51	22.68 -4.07 7.17	25.55 -4.33 7.81	27.39 -5.27 8.84	28.95 -5.78 10.11	31.20 -5.87 9.51	31.43 -6.15 9.73	31.43 -6.35 11.79	32.91 -6.42 12.44	34.44 -7.34 15.11	39.79 -8.46 17.32	45.61 -9.53 19.33	50.24 -9.06 20.90	48.29 -9.30 21.26	45.90 -7.99 15.02	40.79 -6.48 11.14	36.65 -6.68 8.08	38.98 -5.76 2.84
LOCKPORT___CC1 323769	39.46 -5.73 4.25	27.81 -5.11 6.38	23.78 -4.53 6.80	22.25 -3.79 5.28	21.26 -3.80 6.07	20.27 -3.92 6.90	20.64 -3.88 7.00	22.55 -3.66 7.71	25.11 -4.19 8.39	26.68 -5.31 9.51	27.87 -6.10 10.87	30.63 -5.73 10.21	30.51 -6.34 10.45	30.66 -6.39 12.52	32.10 -6.47 13.20	33.61 -7.28 16.01	38.94 -8.33 18.30	45.95 -8.12 20.41	49.24 -8.98 21.99	47.38 -9.15 22.33	45.30 -7.86 15.75	40.42 -6.25 11.75	37.32 -5.45 8.65	38.64 -5.90 3.03
LOCKPORT___CC2 323770	39.46 -5.73 4.25	27.81 -5.11 6.38	23.78 -4.53 6.80	22.25 -3.79 5.28	21.26 -3.80 6.07	20.27 -3.92 6.90	20.64 -3.88 7.00	22.55 -3.66 7.71	25.11 -4.19 8.39	26.68 -5.31 9.51	27.87 -6.10 10.87	30.63 -5.73 10.21	30.51 -6.34 10.45	30.66 -6.39 12.52	32.10 -6.47 13.20	33.61 -7.28 16.01	38.94 -8.33 18.30	45.95 -8.12 20.41	49.24 -8.98 21.99	47.38 -9.15 22.33	45.30 -7.86 15.75	40.42 -6.25 11.75	37.32 -5.45 8.65	38.64 -5.90 3.03
LOCKPORT___CC3 323771	39.46 -5.73 4.25	27.81 -5.11 6.38	23.78 -4.53 6.80	22.25 -3.79 5.28	21.26 -3.80 6.07	20.27 -3.92 6.90	20.64 -3.88 7.00	22.55 -3.66 7.71	25.11 -4.19 8.39	26.68 -5.31 9.51	27.87 -6.10 10.87	30.63 -5.73 10.21	30.51 -6.34 10.45	30.66 -6.39 12.52	32.10 -6.47 13.20	33.61 -7.28 16.01	38.94 -8.33 18.30	45.95 -8.12 20.41	49.24 -8.98 21.99	47.38 -9.15 22.33	45.30 -7.86 15.75	40.42 -6.25 11.75	37.32 -5.45 8.65	38.64 -5.90 3.03
LOCUSVLY_69_KV_BK2 55797	52.61 3.16 0.00	41.97 2.67 0.00	37.46 2.35 0.00	33.57 2.25 0.00	33.28 2.15 0.00	33.17 2.08 0.00	33.63 2.11 0.00	36.51 2.58 0.00	40.71 3.02 0.00	44.66 3.15 0.00	48.92 4.08 0.00	51.96 4.42 -0.96	52.42 4.54 -0.57	54.85 4.96 -0.32	56.79 5.02 0.00	62.14 5.35 0.11	71.71 6.43 0.28	81.15 7.30 0.62	86.55 7.14 0.80	84.35 6.31 0.82	73.35 4.82 0.39	62.10 3.80 0.11	55.38 3.96 0.00	51.67 4.09 0.00
LONG_LAKE_PHOENIX 24014	47.91 -1.53 0.00	38.20 -1.10 0.00	34.19 -0.91 0.00	30.59 -0.72 0.00	30.38 -0.75 0.00	30.31 -0.78 0.00	30.66 -0.85 0.00	33.11 -0.81 0.00	36.75 -0.94 0.00	40.22 -1.29 0.00	43.41 -1.43 0.00	45.13 -1.44 0.00	45.83 -1.47 0.00	49.40 -1.59 -1.41	51.78 -1.60 -1.61	57.26 -1.76 -2.13	66.42 -1.97 -2.82	77.00 -2.16 -4.69	82.16 -2.09 -4.04	80.95 -2.05 -4.14	70.25 -1.79 -3.13	58.86 -1.58 -2.01	50.18 -1.59 -0.35	46.21 -1.52 -0.16
LOVETT___3 23632	51.67 2.22 0.00	41.22 1.93 0.00	36.82 1.72 0.00	33.10 1.78 0.00	32.78 1.65 0.00	32.74 1.65 0.00	33.12 1.61 0.00	35.90 1.97 0.00	39.80 2.11 0.00	43.83 2.32 0.00	47.67 2.83 0.00	49.65 3.07 0.00	50.42 3.12 0.00	53.04 3.47 0.00	55.40 3.62 0.00	61.05 4.15 0.00	70.48 4.92 0.00	80.13 5.66 0.00	86.15 5.94 0.00	84.14 5.28 0.00	73.12 4.20 0.00	61.63 3.21 0.00	54.61 3.19 0.00	50.48 2.90 0.00
LOVETT___4 23642	51.67 2.22 0.00	41.22 1.93 0.00	36.82 1.72 0.00	33.10 1.78 0.00	32.78 1.65 0.00	32.74 1.65 0.00	33.12 1.61 0.00	35.90 1.97 0.00	39.80 2.11 0.00	43.83 2.32 0.00	47.67 2.83 0.00	49.65 3.07 0.00	50.42 3.12 0.00	53.04 3.47 0.00	55.40 3.62 0.00	61.05 4.15 0.00	70.48 4.92 0.00	80.13 5.66 0.00	86.15 5.94 0.00	84.14 5.28 0.00	73.12 4.20 0.00	61.63 3.21 0.00	54.61 3.19 0.00	50.48 2.90 0.00
LOVETT___5 23593	51.67 2.22 0.00	41.22 1.93 0.00	36.82 1.72 0.00	33.10 1.78 0.00	32.78 1.65 0.00	32.74 1.65 0.00	33.12 1.61 0.00	35.90 1.97 0.00	39.80 2.11 0.00	43.83 2.32 0.00	47.67 2.83 0.00	49.65 3.07 0.00	50.42 3.12 0.00	53.04 3.47 0.00	55.40 3.62 0.00	61.05 4.15 0.00	70.48 4.92 0.00	80.13 5.66 0.00	86.15 5.94 0.00	84.14 5.28 0.00	73.12 4.20 0.00	61.63 3.21 0.00	54.61 3.19 0.00	50.48 2.90 0.00
LOWER RAQUET___HYD 24057	49.54 0.10 0.00	39.18 -0.12 0.00	34.86 -0.24 0.00	30.97 -0.34 0.00	30.91 -0.22 0.00	30.90 -0.19 0.00	31.39 -0.13 0.00	33.66 -0.27 0.00	37.47 -0.22 0.00	41.38 -0.12 0.00	44.62 -0.22 0.00	46.25 -0.32 0.00	46.92 -0.38 0.00	48.98 -0.59 0.00	51.05 -0.72 0.00	55.82 -1.08 0.00	64.45 -1.12 0.00	73.28 -1.19 0.00	79.25 -0.96 0.00	78.38 -0.47 0.00	68.50 -0.41 0.00	58.07 -0.35 0.00	51.27 -0.15 0.00	47.58 0.00 0.00
LOWER___HUDSON 24059	51.32 1.88 0.00	40.91 1.61 0.00	36.69 1.58 0.00	32.78 1.47 0.00	32.56 1.43 0.00	32.49 1.40 0.00	32.90 1.39 0.00	35.46 1.53 0.00	39.12 1.43 0.00	42.83 1.33 0.00	46.46 1.61 0.00	48.25 1.67 0.00	49.10 1.80 0.00	51.60 2.03 0.00	53.95 2.17 0.00	59.29 2.39 0.00	68.06 2.49 0.00	76.92 2.45 0.00	82.85 2.64 0.00	81.38 2.52 0.00	71.39 2.48 0.00	60.76 2.34 0.00	53.37 1.95 0.00	49.43 1.85 0.00

LOWVILLE_115KV_TB2 356335	50.09 0.64 0.00	39.65 0.35 0.00	35.56 0.46 0.00	31.62 0.31 0.00	31.38 0.25 0.00	31.18 0.09 0.00	31.52 0.00 0.00	34.00 0.07 0.00	37.77 0.08 0.00	41.29 -0.21 0.00	44.48 -0.36 0.00	45.97 -0.61 0.00	46.69 -0.61 0.00	48.48 -1.09 0.00	50.58 -1.19 0.00	55.53 -1.37 0.00	64.32 -1.25 0.00	73.72 -1.04 -0.30	79.96 -0.32 -0.07	79.25 0.39 0.00	69.74 0.83 0.00	59.18 0.76 0.00	51.78 0.36 0.00	47.91 0.33 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	52.07 2.62 0.00	41.42 2.12 0.00	37.07 1.97 0.00	33.16 1.85 0.00	32.90 1.77 0.00	32.80 1.71 0.00	33.25 1.73 0.00	35.83 1.90 0.00	39.46 1.77 0.00	43.37 1.87 0.00	46.82 1.97 0.00	48.72 2.14 0.00	49.48 2.18 0.00	52.00 2.43 0.00	54.47 2.69 0.00	60.03 3.13 0.00	69.17 3.61 0.00	78.64 4.17 0.00	84.86 4.65 0.00	83.27 4.42 0.00	72.91 4.00 0.00	61.93 3.51 0.00	54.40 2.98 0.00	50.15 2.57 0.00
LUTHERNY_35_KV_BK2 355980	52.07 2.62 0.00	41.42 2.12 0.00	37.11 2.00 0.00	33.16 1.85 0.00	32.93 1.81 0.00	32.83 1.74 0.00	33.28 1.76 0.00	35.83 1.90 0.00	39.50 1.81 0.00	43.41 1.91 0.00	46.82 1.97 0.00	48.72 2.14 0.00	49.52 2.22 0.00	52.05 2.48 0.00	54.52 2.74 0.00	60.09 3.19 0.00	69.24 3.67 0.00	78.64 4.17 0.00	84.94 4.73 0.00	83.35 4.49 0.00	72.98 4.07 0.00	61.98 3.56 0.00	54.40 2.98 0.00	50.19 2.62 0.00
LWR__OSWEGATCHIE_HYD 23850	49.74 0.30 0.00	39.37 0.08 0.00	35.17 0.07 0.00	31.25 -0.06 0.00	31.10 -0.03 0.00	31.00 -0.09 0.00	31.39 -0.13 0.00	33.79 -0.14 0.00	37.58 -0.11 0.00	41.29 -0.21 0.00	44.48 -0.36 0.00	46.11 -0.47 0.00	46.73 -0.57 0.00	48.68 -0.89 0.00	50.74 -1.04 0.00	55.59 -1.31 0.00	64.32 -1.25 0.00	73.53 -1.19 -0.25	79.54 -0.72 -0.06	78.85 0.00 0.00	69.05 0.14 0.00	58.65 0.23 0.00	51.52 0.10 0.00	47.72 0.14 0.00
LYONS_FALL_HYD 23570	50.14 0.69 0.00	39.73 0.43 0.00	35.60 0.49 0.00	31.69 0.38 0.00	31.47 0.34 0.00	31.31 0.22 0.00	31.64 0.13 0.00	34.20 0.27 0.00	37.92 0.23 0.00	41.59 0.08 0.00	44.84 0.00 0.00	46.43 -0.14 0.00	47.21 -0.09 0.00	49.08 -0.50 0.00	51.26 -0.52 0.00	56.33 -0.57 0.00	65.11 -0.46 0.00	74.47 -0.22 -0.22	80.66 0.40 -0.05	79.72 0.87 0.00	69.95 1.04 0.00	59.30 0.88 0.00	51.93 0.51 0.00	48.00 0.43 0.00
MADISON__COUNTY_LFGE 323628	50.24 0.79 0.00	39.85 0.55 0.00	35.67 0.56 0.00	31.87 0.56 0.00	31.63 0.50 0.00	31.52 0.44 0.00	31.89 0.38 0.00	34.44 0.51 0.00	38.22 0.53 0.00	41.88 0.37 0.00	45.20 0.36 0.00	46.95 0.37 0.00	47.73 0.43 0.00	49.40 0.25 0.42	51.61 0.31 0.47	56.67 0.40 0.62	65.40 0.66 0.83	74.68 0.89 0.69	80.70 1.52 1.03	79.29 1.66 1.22	69.51 1.52 0.92	59.00 1.17 0.59	52.04 0.72 0.10	48.15 0.62 0.05
MALONE__115KV_TB1 356076	49.94 0.49 0.00	39.53 0.24 0.00	35.14 0.04 0.00	31.19 -0.13 0.00	31.04 -0.09 0.00	31.06 -0.03 0.00	31.61 0.09 0.00	33.93 0.00 0.00	37.81 0.11 0.00	41.79 0.29 0.00	45.02 0.18 0.00	46.67 0.09 0.00	47.25 -0.05 0.00	49.37 -0.20 0.00	51.36 -0.41 0.00	56.27 -0.63 0.00	64.98 -0.59 0.00	73.80 -0.67 0.00	79.57 -0.64 0.00	78.62 -0.24 0.00	68.57 -0.34 0.00	58.19 -0.23 0.00	51.32 -0.10 0.00	47.62 0.05 0.00
MAPLEWOD_115KV_TB3 80458	50.93 1.48 0.00	40.67 1.38 0.00	36.51 1.40 0.00	32.66 1.35 0.00	32.44 1.31 0.00	32.33 1.24 0.00	32.74 1.23 0.00	35.32 1.39 0.00	38.90 1.21 0.00	42.75 1.25 0.00	46.28 1.43 0.00	48.02 1.44 0.00	48.86 1.56 0.00	51.36 1.78 0.00	53.69 1.92 0.00	59.12 2.22 0.00	67.99 2.43 0.00	77.08 2.61 0.00	82.94 2.73 0.00	81.30 2.44 0.00	71.19 2.27 0.00	60.52 2.10 0.00	53.22 1.80 0.00	49.15 1.57 0.00
MAPLE_RIDGE_WT_1 323574	49.00 -0.45 0.00	38.86 -0.43 0.00	34.68 -0.42 0.00	30.90 -0.41 0.00	30.72 -0.41 0.00	30.72 -0.37 0.00	31.14 -0.38 0.00	33.49 -0.44 0.00	37.16 -0.53 0.00	40.88 -0.62 0.00	44.08 -0.76 0.00	45.74 -0.84 0.00	46.36 -0.95 0.00	48.48 -1.09 0.00	50.53 -1.24 0.00	55.48 -1.42 0.00	63.99 -1.57 0.00	72.76 -1.71 0.00	78.44 -1.77 0.00	77.19 -1.66 0.00	67.46 -1.45 0.00	57.25 -1.17 0.00	50.50 -0.92 0.00	46.77 -0.81 0.00
MAPLE_RIDGE_WT_2 323611	49.00 -0.45 0.00	38.86 -0.43 0.00	34.68 -0.42 0.00	30.90 -0.41 0.00	30.72 -0.41 0.00	30.72 -0.37 0.00	31.14 -0.38 0.00	33.49 -0.44 0.00	37.16 -0.53 0.00	40.88 -0.62 0.00	44.08 -0.76 0.00	45.74 -0.84 0.00	46.36 -0.95 0.00	48.48 -1.09 0.00	50.53 -1.24 0.00	55.48 -1.42 0.00	63.99 -1.57 0.00	72.76 -1.71 0.00	78.44 -1.77 0.00	77.19 -1.66 0.00	67.46 -1.45 0.00	57.25 -1.17 0.00	50.50 -0.92 0.00	46.77 -0.81 0.00
MARBLE_RIVER_WT_PWR 323696	49.54 0.10 0.00	39.22 -0.08 0.00	34.86 -0.24 0.00	30.94 -0.37 0.00	30.79 -0.34 0.00	30.81 -0.28 0.00	31.30 -0.22 0.00	33.56 -0.37 0.00	37.43 -0.26 0.00	41.42 -0.08 0.00	44.71 -0.13 0.00	46.30 -0.28 0.00	46.92 -0.38 0.00	49.03 -0.54 0.00	51.05 -0.72 0.00	55.93 -0.97 0.00	64.45 -1.12 0.00	73.13 -1.34 0.00	78.77 -1.44 0.00	77.59 -1.26 0.00	67.74 -1.17 0.00	57.43 -0.99 0.00	50.75 -0.67 0.00	47.10 -0.48 0.00
MARSHVLE_115KV_TB1 80742	51.72 2.27 0.00	41.03 1.73 0.00	36.68 1.58 0.00	32.78 1.47 0.00	32.56 1.43 0.00	32.43 1.34 0.00	32.78 1.26 0.00	35.12 1.19 0.00	38.60 0.90 0.00	42.17 0.66 0.00	45.29 0.45 0.00	47.18 0.61 0.00	47.96 0.66 0.00	50.32 0.74 0.00	52.81 1.04 0.00	58.27 1.37 0.00	67.34 1.77 0.00	77.08 2.61 0.00	83.98 3.77 0.00	83.03 4.18 0.00	72.70 3.79 0.00	61.63 3.21 0.00	54.04 2.62 0.00	49.81 2.24 0.00
MARSH_HILL_WT_PWR 323713	64.33 -2.67 -17.56	63.17 -2.47 -26.35	60.92 -2.28 -28.09	51.14 -1.97 -21.80	54.04 -2.18 -25.09	57.56 -2.05 -28.53	58.44 -2.02 -28.94	63.98 -1.83 -31.88	69.94 -2.45 -34.70	77.49 -3.32 -39.31	85.37 -4.44 -44.96	84.63 -4.28 -42.34	86.42 -4.21 -43.33	87.86 -4.31 -42.60	91.51 -4.30 -44.03	104.74 -4.55 -52.40	118.35 -4.59 -57.38	134.44 -3.88 -63.85	143.64 -3.53 -66.96	141.29 -3.00 -65.43	111.28 -2.41 -44.78	91.81 -2.10 -35.49	82.67 -2.26 -33.51	56.25 -2.85 -11.53
MCINTYRE_115KV_TB2 80467	50.48 1.04 0.00	39.89 0.59 0.00	35.46 0.35 0.00	31.47 0.16 0.00	31.38 0.25 0.00	31.37 0.28 0.00	31.83 0.32 0.00	34.06 0.14 0.00	37.84 0.15 0.00	41.71 0.21 0.00	44.93 0.09 0.00	46.53 -0.05 0.00	47.16 -0.14 0.00	49.27 -0.30 0.00	51.41 -0.36 0.00	56.27 -0.63 0.00	65.04 -0.52 0.00	74.10 -0.37 0.00	80.21 0.00 0.00	79.72 0.87 0.00	69.67 0.76 0.00	59.00 0.58 0.00	52.14 0.72 0.00	48.34 0.76 0.00
MECO____69_KV_BK1 80468	52.46 3.02 0.00	41.65 2.36 0.00	37.25 2.14 0.00	33.28 1.97 0.00	33.06 1.93 0.00	32.92 1.83 0.00	33.25 1.73 0.00	35.59 1.66 0.00	39.05 1.36 0.00	42.66 1.16 0.00	45.87 1.03 0.00	47.69 1.12 0.00	48.48 1.18 0.00	50.91 1.34 0.00	53.43 1.66 0.00	59.00 2.11 0.00	68.39 2.82 0.00	78.34 3.87 0.00	85.42 5.21 0.00	84.37 5.52 0.00	73.94 5.03 0.00	62.63 4.21 0.00	54.92 3.50 0.00	50.57 3.00 0.00

MENANDS__115KV_TB5 355628	50.68 1.24 0.00	40.48 1.18 0.00	36.40 1.30 0.00	32.56 1.25 0.00	32.31 1.18 0.00	32.24 1.15 0.00	32.65 1.13 0.00	35.22 1.29 0.00	38.75 1.06 0.00	42.58 1.08 0.00	46.10 1.26 0.00	47.83 1.26 0.00	48.67 1.37 0.00	51.16 1.59 0.00	53.48 1.71 0.00	58.89 1.99 0.00	67.67 2.10 0.00	76.70 2.23 0.00	82.46 2.25 0.00	80.75 1.89 0.00	70.77 1.86 0.00	60.17 1.75 0.00	52.91 1.49 0.00	48.86 1.28 0.00
MG INDUSTRY__DRP 24185	50.73 1.29 0.00	40.48 1.18 0.00	36.33 1.23 0.00	32.50 1.19 0.00	32.28 1.15 0.00	32.18 1.09 0.00	32.59 1.07 0.00	35.05 1.12 0.00	38.60 0.90 0.00	42.37 0.87 0.00	45.83 0.99 0.00	47.51 0.93 0.00	48.34 1.04 0.00	50.76 1.19 0.00	53.12 1.35 0.00	58.49 1.59 0.00	67.34 1.77 0.00	76.48 2.01 0.00	82.46 2.25 0.00	80.83 1.97 0.00	70.77 1.86 0.00	60.11 1.69 0.00	52.96 1.54 0.00	48.96 1.38 0.00
MID__OSWEGATCHIE_HYD 23849	49.74 0.30 0.00	39.37 0.08 0.00	35.17 0.07 0.00	31.25 -0.06 0.00	31.10 -0.03 0.00	31.00 -0.09 0.00	31.39 -0.13 0.00	33.79 -0.14 0.00	37.58 -0.11 0.00	41.29 -0.21 0.00	44.48 -0.36 0.00	46.11 -0.47 0.00	46.73 -0.57 0.00	48.68 -0.89 0.00	50.74 -1.04 0.00	55.59 -1.31 0.00	64.32 -1.25 0.00	73.53 -1.19 -0.25	79.54 -0.72 -0.06	78.85 0.00 0.00	69.05 0.14 0.00	58.65 0.23 0.00	51.52 0.10 0.00	47.72 0.14 0.00
MID__RAQUETTE_HYD 23851	49.49 0.05 0.00	39.18 -0.12 0.00	34.86 -0.25 0.00	30.97 -0.34 0.00	30.91 -0.22 0.00	30.90 -0.19 0.00	31.39 -0.13 0.00	33.66 -0.27 0.00	37.50 -0.19 0.00	41.38 -0.12 0.00	44.62 -0.22 0.00	46.25 -0.33 0.00	46.88 -0.43 0.00	48.98 -0.59 0.00	51.00 -0.78 0.00	55.82 -1.08 0.00	64.45 -1.11 0.00	73.35 -1.12 0.00	79.17 -1.04 0.00	78.38 -0.47 0.00	68.50 -0.41 0.00	58.07 -0.35 0.00	51.27 -0.15 0.00	47.58 0.00 0.00
MILLIKEN__1 23584	51.30 0.20 -1.66	41.90 0.12 -2.49	37.93 0.18 -2.65	33.62 0.25 -2.06	33.71 0.22 -2.37	33.97 0.19 -2.69	34.37 0.13 -2.73	37.17 0.24 -3.01	41.12 0.15 -3.27	45.04 -0.17 -3.71	48.77 -0.31 -4.24	50.35 -0.23 -4.01	51.21 -0.19 -4.10	53.12 -0.25 -3.80	55.45 -0.21 -3.88	61.33 -0.17 -4.60	70.66 0.13 -4.96	81.03 0.52 -6.04	87.25 1.20 -5.84	85.61 1.26 -5.50	73.80 1.17 -3.71	62.26 0.82 -3.02	54.79 0.26 -3.11	48.78 0.14 -1.06
MILLIKEN__2 23585	51.30 0.20 -1.66	41.90 0.12 -2.49	37.93 0.18 -2.65	33.62 0.25 -2.06	33.71 0.22 -2.37	33.97 0.19 -2.69	34.37 0.13 -2.73	37.17 0.24 -3.01	41.12 0.15 -3.27	45.04 -0.17 -3.71	48.77 -0.31 -4.24	50.35 -0.23 -4.01	51.21 -0.19 -4.10	53.12 -0.25 -3.80	55.45 -0.21 -3.88	61.33 -0.17 -4.60	70.66 0.13 -4.96	81.03 0.52 -6.04	87.25 1.20 -5.84	85.61 1.26 -5.50	73.80 1.17 -3.71	62.26 0.82 -3.02	54.79 0.26 -3.11	48.78 0.14 -1.06
MILLIKEN__DIESEL 23629	51.30 0.20 -1.66	41.90 0.12 -2.49	37.93 0.18 -2.65	33.62 0.25 -2.06	33.71 0.22 -2.37	33.97 0.19 -2.69	34.37 0.13 -2.73	37.17 0.24 -3.01	41.12 0.15 -3.27	45.04 -0.17 -3.71	48.77 -0.31 -4.24	50.35 -0.23 -4.01	51.21 -0.19 -4.10	53.12 -0.25 -3.80	55.45 -0.21 -3.88	61.33 -0.17 -4.60	70.66 0.13 -4.96	81.03 0.52 -6.04	87.25 1.20 -5.84	85.61 1.26 -5.50	73.80 1.17 -3.71	62.26 0.82 -3.02	54.79 0.26 -3.11	48.78 0.14 -1.06
MILLSEAT__LFGE 323607	41.43 -4.60 3.42	29.93 -4.24 5.12	25.85 -3.79 5.46	23.97 -3.10 4.24	23.17 -3.08 4.88	22.28 -3.26 5.55	22.67 -3.21 5.63	24.85 -2.88 6.20	27.63 -3.32 6.74	29.55 -4.32 7.64	31.04 -5.07 8.74	33.60 -4.75 8.22	33.55 -5.35 8.41	33.73 -5.35 10.49	35.31 -5.39 11.08	37.43 -5.97 13.50	43.33 -6.69 15.55	50.78 -6.33 17.36	54.57 -6.82 18.83	52.69 -6.94 19.22	49.37 -5.93 13.62	43.70 -4.68 10.04	40.24 -4.12 7.06	40.28 -4.80 2.49
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	51.92 2.47 0.00	41.38 2.08 0.00	36.96 1.86 0.00	33.22 1.91 0.00	32.90 1.77 0.00	32.86 1.77 0.00	33.22 1.70 0.00	36.03 2.10 0.00	39.95 2.26 0.00	43.99 2.49 0.00	47.89 3.05 0.00	49.83 3.26 0.00	50.66 3.36 0.00	53.29 3.72 0.00	55.71 3.93 0.00	61.34 4.44 0.00	70.81 5.25 0.00	80.50 6.03 0.00	86.63 6.42 0.00	84.61 5.76 0.00	73.46 4.55 0.00	61.98 3.56 0.00	54.86 3.45 0.00	50.72 3.14 0.00
MILLWOOD_13_KV_LOAD 356217	52.07 2.62 0.00	41.50 2.20 0.00	37.07 1.97 0.00	33.28 1.97 0.00	33.00 1.87 0.00	32.92 1.83 0.00	33.31 1.80 0.00	36.10 2.17 0.00	40.03 2.34 0.00	44.08 2.57 0.00	48.03 3.18 0.00	49.97 3.40 0.00	50.85 3.55 0.00	53.49 3.92 0.00	55.91 4.14 0.00	61.62 4.72 0.00	71.21 5.64 0.00	80.95 6.48 0.00	87.11 6.90 0.00	85.08 6.23 0.00	73.81 4.89 0.00	62.22 3.80 0.00	55.02 3.60 0.00	50.86 3.28 0.00
MODEL_CITY_ENERGY 24167	39.26 -6.08 4.10	27.81 -5.34 6.15	23.81 -4.74 6.55	22.28 -3.95 5.09	21.32 -3.95 5.85	20.33 -4.10 6.65	20.73 -4.03 6.75	22.66 -3.83 7.43	25.23 -4.37 8.09	26.78 -5.56 9.16	28.05 -6.32 10.48	30.65 -6.01 9.91	30.54 -6.62 10.14	30.67 -6.69 12.21	32.19 -6.78 12.80	33.65 -7.62 15.63	38.90 -8.78 17.88	45.64 -8.86 19.97	48.72 -9.87 21.62	46.88 -10.02 21.96	44.80 -8.62 15.50	40.15 -6.78 11.49	37.20 -5.81 8.41	38.39 -6.23 2.95
MODERN_LFGE__ 323580	39.26 -6.08 4.10	27.81 -5.34 6.15	23.81 -4.74 6.55	22.28 -3.95 5.09	21.32 -3.95 5.85	20.33 -4.10 6.65	20.73 -4.03 6.75	22.66 -3.83 7.43	25.23 -4.37 8.09	26.78 -5.56 9.16	28.05 -6.32 10.48	30.65 -6.01 9.91	30.54 -6.62 10.14	30.67 -6.69 12.21	32.19 -6.78 12.80	33.65 -7.62 15.63	38.90 -8.78 17.88	45.64 -8.86 19.97	48.72 -9.87 21.62	46.88 -10.02 21.96	44.80 -8.62 15.50	40.15 -6.78 11.49	37.20 -5.81 8.41	38.39 -6.23 2.95
MOHAWK_PAPER__DRP 24187	50.93 1.48 0.00	40.67 1.38 0.00	36.51 1.40 0.00	32.66 1.35 0.00	32.44 1.31 0.00	32.33 1.24 0.00	32.74 1.23 0.00	35.32 1.39 0.00	38.90 1.21 0.00	42.75 1.25 0.00	46.28 1.43 0.00	48.02 1.44 0.00	48.86 1.56 0.00	51.36 1.78 0.00	53.69 1.92 0.00	59.12 2.22 0.00	67.99 2.43 0.00	77.08 2.61 0.00	82.94 2.73 0.00	81.30 2.44 0.00	71.19 2.27 0.00	60.52 2.10 0.00	53.22 1.80 0.00	49.15 1.57 0.00
MOHICAN__35_KV_115KV_LD 80490	52.91 3.46 0.00	42.05 2.75 0.00	37.63 2.53 0.00	33.63 2.32 0.00	33.40 2.27 0.00	33.30 2.21 0.00	33.75 2.24 0.00	36.34 2.41 0.00	39.99 2.30 0.00	43.99 2.49 0.00	47.31 2.47 0.00	49.28 2.70 0.00	50.00 2.70 0.00	52.55 2.97 0.00	55.09 3.31 0.00	60.77 3.87 0.00	70.35 4.79 0.00	80.06 5.59 0.00	86.71 6.50 0.00	85.08 6.23 0.00	74.50 5.58 0.00	63.21 4.79 0.00	55.38 3.96 0.00	51.00 3.43 0.00
MONGAUP__HYD 23641	51.82 2.37 0.00	41.26 1.96 0.00	36.79 1.68 0.00	33.00 1.69 0.00	32.68 1.56 0.00	32.64 1.55 0.00	33.00 1.48 0.00	35.52 1.59 0.00	39.46 1.77 0.00	43.29 1.78 0.00	47.08 2.24 0.00	48.90 2.33 0.00	49.76 2.46 0.00	52.25 2.68 0.00	54.67 2.90 0.00	60.37 3.47 0.00	69.77 4.20 0.00	79.61 5.13 0.00	85.42 5.21 0.00	83.82 4.97 0.00	73.33 4.41 0.00	61.93 3.50 0.00	54.45 3.03 0.00	50.38 2.81 0.00

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NCHELSEA_115KV_TR2 355582	52.21 2.77 0.00	41.58 2.28 0.00	37.11 2.00 0.00	33.31 2.00 0.00	33.00 1.87 0.00	32.95 1.87 0.00	33.34 1.83 0.00	36.03 2.10 0.00	40.03 2.34 0.00	44.03 2.53 0.00	47.98 3.14 0.00	49.88 3.31 0.00	50.75 3.45 0.00	53.29 3.72 0.00	55.76 3.99 0.00	61.51 4.61 0.00	71.01 5.44 0.00	80.88 6.40 0.00	87.11 6.90 0.00	85.08 6.23 0.00	73.94 5.03 0.00	62.33 3.91 0.00	55.07 3.65 0.00	50.86 3.28 0.00
NEG CAPITAL___MECHNVIL 23645	52.11 2.67 0.00	41.46 2.16 0.00	37.14 2.04 0.00	33.19 1.88 0.00	32.96 1.84 0.00	32.86 1.77 0.00	33.31 1.80 0.00	35.86 1.93 0.00	39.54 1.85 0.00	43.33 1.82 0.00	46.95 2.11 0.00	48.81 2.24 0.00	49.67 2.36 0.00	52.20 2.63 0.00	54.62 2.85 0.00	59.91 3.01 0.00	68.91 3.34 0.00	78.12 3.65 0.00	84.22 4.01 0.00	82.79 3.94 0.00	72.50 3.58 0.00	61.63 3.21 0.00	54.09 2.67 0.00	50.19 2.61 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.91 -3.76 0.77	34.91 -3.22 1.16	31.02 -2.84 1.24	27.97 -2.38 0.96	27.66 -2.37 1.11	27.37 -2.46 1.26	27.78 -2.46 1.28	30.28 -2.24 1.40	33.64 -2.53 1.53	36.74 -3.03 1.73	39.36 -3.50 1.98	41.34 -3.35 1.88	41.69 -3.69 1.93	41.94 -3.77 3.86	43.71 -3.88 4.18	47.41 -4.21 5.28	54.51 -4.59 6.46	62.73 -4.47 7.27	67.27 -4.81 8.13	65.30 -4.89 8.67	58.30 -4.27 6.34	50.42 -3.62 4.37	46.04 -3.40 1.98	43.04 -3.81 0.73
NEG CENTRAL___DRP 24199	52.95 -0.20 -3.70	44.58 -0.28 -5.56	40.82 -0.21 -5.93	35.85 -0.06 -4.60	36.30 -0.12 -5.29	37.01 -0.09 -6.02	37.46 -0.16 -6.11	40.62 -0.03 -6.73	44.82 -0.19 -7.32	49.21 -0.58 -8.29	53.57 -0.76 -9.49	54.86 -0.65 -8.94	55.83 -0.61 -9.14	58.17 -0.64 -9.25	60.73 -0.62 -9.58	67.77 -0.57 -11.44	77.92 -0.26 -12.62	89.49 0.30 -14.72	96.21 1.04 -14.95	94.44 1.03 -14.56	79.83 0.90 -10.02	66.86 0.58 -7.85	58.40 -0.15 -7.14	49.80 -0.24 -2.46
NEG CENTRAL___INDECK 23768	65.43 -1.68 -17.66	64.00 -1.81 -26.51	61.71 -1.65 -28.26	51.95 -1.29 -21.93	55.03 -1.34 -25.24	58.42 -1.37 -28.70	59.28 -1.35 -29.12	64.88 -1.12 -32.07	70.94 -1.66 -34.91	78.43 -2.61 -39.54	85.09 -4.98 -45.23	84.07 -5.03 -42.53	85.61 -5.20 -43.52	86.65 -5.35 -42.43	90.16 -5.49 -43.88	103.07 -5.92 -52.09	116.25 -6.23 -56.91	131.99 -5.59 -63.11	141.35 -5.14 -66.27	139.12 -4.41 -64.68	109.51 -3.59 -44.19	90.58 -2.98 -35.14	84.01 -0.98 -33.57	57.21 -1.90 -11.54
NEG CENTRAL___SENECA 23627	55.69 0.25 -6.00	48.30 0.00 -9.00	44.70 0.00 -9.59	38.91 0.16 -7.45	39.76 0.06 -8.57	40.93 0.09 -9.74	41.43 0.03 -9.89	45.06 0.24 -10.89	49.58 0.04 -11.85	54.47 -0.46 -13.43	59.57 -0.63 -15.36	60.49 -0.56 -14.47	61.63 -0.47 -14.81	63.64 -0.50 -14.57	66.41 -0.41 -15.05	74.47 -0.34 -17.92	85.39 0.20 -19.62	97.86 1.04 -22.35	105.23 2.01 -23.02	103.29 2.05 -22.38	86.09 1.86 -15.32	71.90 1.34 -12.14	63.13 0.26 -11.45	51.66 0.14 -3.94
NEG CENTRAL___STATE_STREET 24147	50.05 -0.59 -1.19	40.58 -0.51 -1.79	36.59 -0.42 -1.91	32.51 -0.28 -1.48	32.55 -0.28 -1.71	32.72 -0.31 -1.94	33.11 -0.38 -1.97	35.82 -0.27 -2.17	39.64 -0.41 -2.36	43.43 -0.75 -2.67	47.05 -0.85 -3.06	48.70 -0.75 -2.87	49.48 -0.76 -2.94	51.75 -0.79 -2.97	54.08 -0.78 -3.09	59.78 -0.80 -3.68	68.96 -0.66 -4.05	79.34 -0.37 -5.24	85.21 0.08 -4.92	83.61 0.08 -4.68	72.27 0.14 -3.22	60.89 -0.06 -2.52	53.15 -0.57 -2.29	47.80 -0.57 -0.79
NEG MILLWOOD___DRP 24198	52.46 3.02 0.00	41.77 2.48 0.00	37.28 2.18 0.00	33.47 2.16 0.00	33.15 2.02 0.00	33.11 2.02 0.00	33.50 1.99 0.00	36.27 2.34 0.00	40.26 2.56 0.00	44.32 2.82 0.00	48.34 3.50 0.00	50.35 3.77 0.00	51.27 3.97 0.00	53.88 4.31 0.00	56.33 4.56 0.00	62.25 5.35 0.00	71.99 6.43 0.00	81.99 7.52 0.00	88.23 8.02 0.00	86.11 7.25 0.00	74.70 5.79 0.00	62.80 4.38 0.00	55.43 4.01 0.00	51.14 3.57 0.00
NEG NORTH_FLCN_SEA 23793	50.09 0.64 0.00	39.65 0.35 0.00	35.21 0.11 0.00	31.28 -0.03 0.00	31.10 -0.03 0.00	31.12 0.03 0.00	31.64 0.13 0.00	33.96 0.03 0.00	37.84 0.15 0.00	41.83 0.33 0.00	45.16 0.31 0.00	46.76 0.19 0.00	47.35 0.05 0.00	49.47 -0.10 0.00	51.51 -0.26 0.00	56.44 -0.46 0.00	65.04 -0.52 0.00	73.88 -0.60 0.00	79.49 -0.72 0.00	78.38 -0.47 0.00	68.43 -0.48 0.00	58.07 -0.35 0.00	51.27 -0.15 0.00	47.58 0.00 0.00
NEG NORTH_KES_CHATEGAY 23792	49.59 0.15 0.00	39.30 0.00 0.00	34.89 -0.21 0.00	30.97 -0.34 0.00	30.79 -0.34 0.00	30.81 -0.28 0.00	31.33 -0.19 0.00	33.55 -0.37 0.00	37.39 -0.30 0.00	41.34 -0.17 0.00	44.62 -0.22 0.00	46.20 -0.37 0.00	46.78 -0.52 0.00	48.88 -0.69 0.00	50.89 -0.88 0.00	55.76 -1.14 0.00	64.26 -1.31 0.00	73.06 -1.41 0.00	78.61 -1.60 0.00	77.59 -1.26 0.00	67.81 -1.10 0.00	57.54 -0.88 0.00	50.85 -0.57 0.00	47.10 -0.48 0.00
NEG NORTH___ALICE_FALLS 23915	50.19 0.74 0.00	39.73 0.43 0.00	35.28 0.18 0.00	31.31 0.00 0.00	31.13 0.00 0.00	31.18 0.09 0.00	31.70 0.19 0.00	34.03 0.10 0.00	37.88 0.19 0.00	41.88 0.37 0.00	45.16 0.31 0.00	46.76 0.19 0.00	47.35 0.05 0.00	49.47 -0.10 0.00	51.51 -0.26 0.00	56.44 -0.46 0.00	65.11 -0.46 0.00	74.02 -0.45 0.00	79.65 -0.56 0.00	78.62 -0.24 0.00	68.64 -0.28 0.00	58.19 -0.23 0.00	51.37 -0.05 0.00	47.67 0.10 0.00
NEG NORTH___LWR_SARANAC 23913	50.19 0.74 0.00	39.73 0.43 0.00	35.28 0.18 0.00	31.31 0.00 0.00	31.13 0.00 0.00	31.18 0.09 0.00	31.70 0.19 0.00	34.03 0.10 0.00	37.88 0.19 0.00	41.88 0.37 0.00	45.16 0.31 0.00	46.76 0.19 0.00	47.35 0.05 0.00	49.47 -0.10 0.00	51.51 -0.26 0.00	56.44 -0.46 0.00	65.11 -0.46 0.00	74.02 -0.45 0.00	79.65 -0.56 0.00	78.62 -0.24 0.00	68.64 -0.28 0.00	58.19 -0.23 0.00	51.37 -0.05 0.00	47.67 0.10 0.00
NEG NORTH___PLATTSBURG 23628	50.19 0.74 0.00	39.73 0.43 0.00	35.28 0.18 0.00	31.31 0.00 0.00	31.13 0.00 0.00	31.18 0.09 0.00	31.71 0.19 0.00	34.03 0.10 0.00	37.88 0.19 0.00	41.88 0.37 0.00	45.16 0.32 0.00	46.76 0.19 0.00	47.35 0.05 0.00	49.47 -0.10 0.00	51.52 -0.26 0.00	56.44 -0.46 0.00	65.11 -0.46 0.00	73.95 -0.52 0.00	79.81 -0.40 0.00	78.62 -0.24 0.00	68.57 -0.34 0.00	58.19 -0.23 0.00	51.37 -0.05 0.00	47.67 0.10 0.00
NEG WEST_LEA_LOCKPORT 23791	39.41 -5.79 4.25	27.81 -5.11 6.38	23.74 -4.56 6.80	22.25 -3.79 5.28	21.26 -3.80 6.07	20.24 -3.95 6.90	20.54 -3.97 7.00	22.11 -4.11 7.71	24.93 -4.37 8.39	26.64 -5.35 9.51	28.14 -5.83 10.87	30.45 -5.91 10.21	30.65 -6.20 10.45	30.66 -6.39 12.52	32.05 -6.52 13.20	33.50 -7.40 16.01	38.74 -8.52 18.30	44.46 -9.61 20.41	49.16 -9.06 21.99	47.22 -9.30 22.33	45.17 -7.99 15.75	40.12 -6.54 11.75	36.04 -6.74 8.65	38.74 -5.80 3.03
NEG WEST___LANCASTR 23811	42.05 -3.02 4.38	29.90 -2.83 6.57	25.54 -2.56 7.00	23.87 -2.00 5.43	22.82 -2.05 6.25	21.80 -2.18 7.11	22.13 -2.17 7.21	23.88 -2.10 7.95	26.82 -2.22 8.65	28.84 -2.86 9.79	30.46 -3.18 11.20	33.26 -3.07 10.24	33.56 -3.26 10.48	33.86 -3.37 12.34	35.18 -3.31 13.28	37.30 -3.87 15.74	43.31 -4.33 17.93	49.78 -4.69 20.00	55.06 -3.53 21.62	53.09 -3.86 21.90	50.26 -3.24 15.42	44.01 -2.92 11.49	39.25 -3.55 8.62	41.50 -3.04 3.03

NEG_PENN_ALLEGHNY 23528	49.84 -0.34 -0.74	40.09 -0.32 -1.11	36.04 -0.24 -1.18	32.13 -0.09 -0.92	32.06 -0.12 -1.06	32.13 -0.15 -1.20	32.55 -0.19 -1.22	35.30 0.03 -1.34	39.08 -0.08 -1.46	42.82 -0.33 -1.65	46.29 -0.45 -1.89	48.11 -0.28 -1.81	48.88 -0.28 -1.86	50.69 -0.30 -1.41	52.95 -0.21 -1.38	58.35 -0.17 -1.62	67.14 -0.07 -1.64	76.91 0.30 -2.14	82.56 0.48 -1.87	80.77 0.32 -1.60	70.20 0.28 -1.01	59.53 0.18 -0.93	52.65 -0.10 -1.33	47.69 -0.33 -0.45
NEG___GEN_MONROE 24207	44.89 -3.56 0.99	34.63 -3.18 1.49	30.64 -2.88 1.59	27.73 -2.35 1.23	27.38 -2.33 1.42	27.05 -2.42 1.61	27.42 -2.46 1.63	29.65 -2.48 1.80	33.10 -2.64 1.96	36.01 -3.28 2.22	38.67 -3.63 2.54	40.44 -3.73 2.41	40.86 -3.97 2.46	40.93 -4.06 4.58	42.75 -4.09 4.93	46.07 -4.61 6.22	52.97 -5.05 7.55	60.47 -5.51 8.48	65.95 -4.81 9.45	64.02 -4.81 10.03	57.47 -4.13 7.31	49.66 -3.68 5.08	44.91 -4.06 2.44	43.11 -3.57 0.89
NEPA___ENERGY 23901	40.22 -4.35 4.87	28.06 -3.93 7.31	23.80 -3.51 7.79	22.39 -2.88 6.04	21.25 -2.93 6.96	20.16 -3.02 7.91	20.43 -3.06 8.03	22.10 -2.99 8.84	24.83 -3.24 9.62	26.58 -4.03 10.90	27.98 -4.39 12.47	30.91 -4.28 11.38	31.12 -4.54 11.64	31.40 -4.66 13.51	32.57 -4.66 14.54	34.49 -5.23 17.18	40.08 -5.97 19.52	46.38 -6.33 21.76	51.44 -5.29 23.48	49.46 -5.68 23.72	47.49 -4.76 16.67	41.62 -4.32 12.48	37.21 -4.68 9.53	40.00 -4.23 3.34
NEVERSINK___HYD 23608	51.82 2.37 0.00	41.18 1.89 0.00	36.72 1.62 0.00	32.97 1.66 0.00	32.65 1.52 0.00	32.58 1.49 0.00	32.93 1.42 0.00	35.52 1.59 0.00	39.58 1.88 0.00	43.54 2.03 0.00	47.40 2.55 0.00	49.23 2.65 0.00	50.09 2.79 0.00	52.50 2.92 0.00	54.98 3.21 0.00	60.71 3.81 0.00	70.16 4.59 0.00	79.90 5.43 0.00	86.15 5.94 0.00	84.37 5.52 0.00	73.33 4.41 0.00	61.87 3.45 0.00	54.45 3.03 0.00	50.38 2.81 0.00
NEWKRMKL_115KV_TB1 55635	50.38 0.94 0.00	40.28 0.98 0.00	36.26 1.16 0.00	32.44 1.13 0.00	32.22 1.09 0.00	32.11 1.03 0.00	32.56 1.04 0.00	35.12 1.19 0.00	38.56 0.87 0.00	42.37 0.87 0.00	45.87 1.03 0.00	47.55 0.98 0.00	48.44 1.14 0.00	50.86 1.29 0.00	53.17 1.40 0.00	58.55 1.65 0.00	67.27 1.70 0.00	76.33 1.86 0.00	82.13 1.93 0.00	80.43 1.58 0.00	70.43 1.52 0.00	59.82 1.40 0.00	52.65 1.23 0.00	48.62 1.05 0.00
NEWTON___FALLS_HYD 23847	49.74 0.30 0.00	39.37 0.08 0.00	35.17 0.07 0.00	31.25 -0.06 0.00	31.10 -0.03 0.00	31.00 -0.09 0.00	31.39 -0.13 0.00	33.79 -0.14 0.00	37.58 -0.11 0.00	41.29 -0.21 0.00	44.48 -0.36 0.00	46.11 -0.47 0.00	46.73 -0.57 0.00	48.68 -0.89 0.00	50.74 -1.04 0.00	55.59 -1.31 0.00	64.32 -1.25 0.00	73.53 -1.19 -0.25	79.54 -0.72 -0.06	78.85 0.00 0.00	69.05 0.14 0.00	58.65 0.23 0.00	51.52 0.10 0.00	47.72 0.14 0.00
NGRID_A1_DSASP 323792	38.73 -6.38 4.34	27.25 -5.54 6.51	23.22 -4.95 6.94	21.83 -4.10 5.38	20.79 -4.14 6.19	19.79 -4.26 7.04	20.05 -4.32 7.15	21.58 -4.48 7.87	24.34 -4.79 8.57	26.03 -5.77 9.71	27.46 -6.28 11.10	30.03 -6.43 10.11	30.14 -6.81 10.35	30.22 -6.94 12.42	31.37 -6.99 13.41	32.94 -8.08 15.88	37.96 -9.44 18.16	43.84 -10.35 20.28	48.61 -9.54 22.05	46.61 -9.86 22.39	44.64 -8.48 15.79	39.10 -7.65 11.67	35.50 -7.35 8.57	38.19 -6.38 3.01
NGRID_A2_DSASP 323793	38.73 -6.38 4.34	27.25 -5.54 6.51	23.22 -4.95 6.94	21.83 -4.10 5.38	20.79 -4.14 6.19	19.79 -4.26 7.04	20.05 -4.32 7.15	21.58 -4.48 7.87	24.34 -4.79 8.57	26.03 -5.77 9.71	27.46 -6.28 11.10	30.03 -6.43 10.11	30.14 -6.81 10.35	30.22 -6.94 12.42	31.37 -6.99 13.41	32.94 -8.08 15.88	37.96 -9.44 18.16	43.84 -10.35 20.28	48.61 -9.54 22.05	46.61 -9.86 22.39	44.64 -8.48 15.79	39.10 -7.65 11.67	35.50 -7.35 8.57	38.19 -6.38 3.01
NGRID_A4_DSASP 323807	38.73 -6.38 4.34	27.25 -5.54 6.51	23.22 -4.95 6.94	21.83 -4.10 5.38	20.79 -4.14 6.19	19.79 -4.26 7.04	20.05 -4.32 7.15	21.58 -4.48 7.87	24.34 -4.79 8.57	26.03 -5.77 9.71	27.46 -6.28 11.10	30.03 -6.43 10.11	30.14 -6.81 10.35	30.22 -6.94 12.42	31.37 -6.99 13.41	32.94 -8.08 15.88	37.96 -9.44 18.16	43.84 -10.35 20.28	48.61 -9.54 22.05	46.61 -9.86 22.39	44.64 -8.48 15.79	39.10 -7.65 11.67	35.50 -7.35 8.57	38.19 -6.38 3.01
NIAGARA_115E_LBMP 323715	38.99 -6.28 4.17	27.54 -5.50 6.25	23.56 -4.88 6.66	22.10 -4.04 5.17	21.13 -4.05 5.95	20.12 -4.20 6.77	20.52 -4.13 6.86	22.43 -3.94 7.56	24.94 -4.52 8.23	26.46 -5.73 9.32	27.69 -6.50 10.65	30.27 -6.19 10.11	30.10 -6.86 10.35	30.27 -6.89 12.41	31.85 -6.94 12.98	33.17 -7.85 15.88	38.36 -9.05 18.16	44.96 -9.24 20.28	47.89 -10.35 21.97	45.99 -10.56 22.30	44.08 -9.10 15.73	39.68 -7.07 11.66	36.84 -6.02 8.56	38.14 -6.42 3.01
NIAGARA_115W_LBMP 323714	38.80 -6.33 4.32	27.28 -5.54 6.48	23.28 -4.91 6.91	21.82 -4.13 5.36	20.82 -4.14 6.17	19.81 -4.26 7.02	20.17 -4.22 7.12	22.05 -4.04 7.84	24.56 -4.60 8.53	26.11 -5.73 9.67	27.28 -6.50 11.06	30.27 -6.19 10.11	29.96 -7.00 10.35	30.22 -6.94 12.41	31.47 -6.94 13.37	33.06 -7.97 15.88	38.10 -9.31 18.16	45.56 -8.64 20.28	48.70 -9.47 22.04	46.77 -9.70 22.38	44.79 -8.34 15.79	39.63 -7.13 11.66	36.58 -6.28 8.56	38.10 -6.47 3.01
NIAGARA_230_LBMP 323716	39.06 -6.23 4.15	27.64 -5.42 6.23	23.65 -4.81 6.64	22.12 -4.04 5.15	21.15 -4.05 5.93	20.18 -4.17 6.75	20.54 -4.13 6.84	22.49 -3.90 7.54	25.00 -4.49 8.21	26.60 -5.60 9.30	27.84 -6.37 10.63	30.43 -6.05 10.09	30.31 -6.67 10.33	30.44 -6.74 12.39	31.97 -6.84 12.96	33.36 -7.68 15.86	38.64 -8.78 18.14	45.72 -8.49 20.26	48.96 -9.30 21.95	47.11 -9.46 22.28	45.00 -8.20 15.71	40.00 -6.78 11.64	36.91 -5.96 8.54	38.26 -6.33 2.99
NIAGARA___115KV_198_GIBSON 55903	38.75 -6.38 4.32	27.28 -5.54 6.48	23.25 -4.95 6.91	21.82 -4.13 5.36	20.82 -4.14 6.17	19.81 -4.26 7.02	20.08 -4.32 7.12	21.61 -4.48 7.84	24.37 -4.79 8.53	26.07 -5.77 9.67	27.51 -6.28 11.06	30.04 -6.43 10.11	30.10 -6.86 10.35	30.22 -6.94 12.41	31.41 -6.99 13.37	32.89 -8.14 15.88	37.90 -9.51 18.16	43.77 -10.43 20.28	48.62 -9.54 22.04	46.62 -9.86 22.38	44.65 -8.48 15.79	39.04 -7.71 11.66	35.50 -7.35 8.56	38.19 -6.38 3.01
NIAGARA____ 23760	39.06 -6.23 4.15	27.64 -5.42 6.23	23.65 -4.81 6.64	22.12 -4.04 5.16	21.15 -4.05 5.93	20.18 -4.17 6.75	20.54 -4.13 6.85	22.49 -3.90 7.54	25.00 -4.49 8.21	26.60 -5.60 9.30	27.84 -6.37 10.64	30.43 -6.05 10.09	30.30 -6.67 10.33	30.43 -6.74 12.40	31.97 -6.84 12.96	33.36 -7.68 15.86	38.64 -8.78 18.14	45.72 -8.49 20.26	48.95 -9.30 21.95	47.10 -9.46 22.29	45.00 -8.20 15.72	40.00 -6.78 11.65	36.91 -5.96 8.55	38.26 -6.33 2.99
NINE_MILE_1 23575	47.47 -1.98 0.00	37.84 -1.45 0.00	33.91 -1.19 0.00	30.31 -1.00 0.00	30.10 -1.03 0.00	30.06 -1.03 0.00	30.44 -1.07 0.00	32.88 -1.05 0.00	36.45 -1.24 0.00	39.97 -1.53 0.00	43.00 -1.84 0.00	44.71 -1.86 0.00	45.36 -1.94 0.00	33.13 -2.03 14.41	33.31 -2.07 16.39	32.96 -2.28 21.67	34.32 -2.56 28.69	34.59 -2.68 37.21	38.54 -2.88 38.79	33.82 -2.84 42.20	34.60 -2.41 31.90	35.82 -2.10 20.50	45.87 -1.95 3.60	44.03 -1.95 1.59

NINE_MILE_2 23744	47.47 -1.98 0.00	37.88 -1.41 0.00	33.91 -1.19 0.00	30.31 -1.00 0.00	30.10 -1.03 0.00	30.06 -1.03 0.00	30.44 -1.07 0.00	32.91 -1.02 0.00	36.45 -1.24 0.00	39.97 -1.53 0.00	43.00 -1.84 0.00	44.71 -1.86 0.00	45.36 -1.94 0.00	32.94 -2.03 14.59	33.10 -2.07 16.60	32.68 -2.28 21.95	33.94 -2.56 29.07	34.09 -2.68 37.70	38.03 -2.88 39.29	33.27 -2.84 42.75	34.19 -2.41 32.31	35.56 -2.10 20.76	45.82 -1.95 3.64	44.01 -1.95 1.61
NM_CAPITAL___DRP 24208	50.58 1.14 0.00	40.40 1.10 0.00	36.33 1.23 0.00	32.50 1.19 0.00	32.25 1.12 0.00	32.18 1.09 0.00	32.59 1.07 0.00	35.18 1.26 0.00	38.67 0.98 0.00	42.50 1.00 0.00	46.01 1.17 0.00	47.74 1.16 0.00	48.58 1.28 0.00	51.01 1.44 0.00	53.33 1.55 0.00	58.72 1.82 0.00	67.47 1.90 0.00	76.48 2.01 0.00	82.22 2.01 0.00	80.59 1.73 0.00	70.57 1.65 0.00	60.00 1.58 0.00	52.81 1.39 0.00	48.77 1.19 0.00
NM_CENTRAL___DRP 24181	48.31 -1.14 0.00	38.47 -0.83 0.00	34.44 -0.67 0.00	30.81 -0.50 0.00	30.60 -0.53 0.00	30.53 -0.56 0.00	30.92 -0.60 0.00	33.39 -0.54 0.00	37.05 -0.64 0.00	40.59 -0.91 0.00	43.81 -1.03 0.00	45.60 -0.98 0.00	46.31 -0.99 0.00	47.69 -1.09 0.79	49.78 -1.09 0.90	54.57 -1.14 1.19	62.74 -1.25 1.58	71.88 -1.27 1.33	77.11 -1.12 1.97	75.35 -1.18 2.32	66.13 -1.03 1.75	56.36 -0.93 1.13	50.04 -1.18 0.20	46.39 -1.09 0.09
NM_FRONTIER___DRP 24179	38.75 -6.38 4.32	27.28 -5.54 6.48	23.25 -4.95 6.91	21.82 -4.13 5.36	20.82 -4.14 6.17	19.81 -4.26 7.02	20.08 -4.32 7.12	21.61 -4.48 7.84	24.37 -4.79 8.53	26.07 -5.77 9.67	27.51 -6.28 11.06	30.04 -6.43 10.11	30.10 -6.86 10.35	30.22 -6.94 12.41	31.41 -6.99 13.37	32.89 -8.14 15.88	37.90 -9.51 18.16	43.77 -10.43 20.28	48.62 -9.54 22.04	46.62 -9.86 22.38	44.65 -8.48 15.79	39.04 -7.71 11.66	35.50 -7.35 8.56	38.19 -6.38 3.01
NM_ST_REGIS___HYD 24053	49.64 0.20 0.00	39.30 0.00 0.00	34.96 -0.14 0.00	31.03 -0.28 0.00	30.94 -0.19 0.00	30.96 -0.12 0.00	31.45 -0.06 0.00	33.76 -0.17 0.00	37.58 -0.11 0.00	41.50 0.00 0.00	44.75 -0.09 0.00	46.39 -0.19 0.00	47.02 -0.28 0.00	49.08 -0.50 0.00	51.10 -0.67 0.00	55.99 -0.91 0.00	64.58 -0.98 0.00	73.50 -0.97 0.00	79.25 -0.96 0.00	78.46 -0.39 0.00	68.57 -0.34 0.00	58.13 -0.29 0.00	51.32 -0.10 0.00	47.58 0.00 0.00
NORTHPORT___1 23551	52.31 2.87 0.00	41.93 2.63 0.00	37.25 2.14 0.00	33.41 2.10 0.00	33.09 1.96 0.00	32.95 1.87 0.00	33.47 1.95 0.00	36.27 2.34 0.00	40.56 2.86 0.00	44.66 3.15 0.00	48.65 3.81 0.00	51.49 3.96 -0.96	51.85 3.97 -0.57	53.96 4.07 -0.32	54.82 3.83 0.79	58.04 3.75 2.61	63.66 4.78 6.70	65.17 5.36 14.67	66.16 4.89 18.94	63.70 4.18 19.33	62.87 2.96 9.01	57.96 2.22 2.68	53.68 2.26 0.00	51.24 3.66 0.00
NORTHPORT___2 23552	52.31 2.87 0.00	41.93 2.63 0.00	37.25 2.14 0.00	33.41 2.10 0.00	33.09 1.96 0.00	32.95 1.87 0.00	33.47 1.95 0.00	36.27 2.34 0.00	40.56 2.86 0.00	44.66 3.15 0.00	48.65 3.81 0.00	51.49 3.96 -0.96	51.85 3.97 -0.57	53.96 4.07 -0.32	54.82 3.83 0.79	58.04 3.75 2.61	63.66 4.78 6.70	65.17 5.36 14.67	66.16 4.89 18.94	63.70 4.18 19.33	62.87 2.96 9.01	57.96 2.22 2.68	53.68 2.26 0.00	51.24 3.66 0.00
NORTHPORT___3 23553	52.26 2.82 0.00	41.89 2.59 0.00	37.21 2.11 0.00	33.34 2.03 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.41 1.89 0.00	36.24 2.31 0.00	40.52 2.83 0.00	44.62 3.11 0.00	48.61 3.77 0.00	51.45 3.91 -0.96	51.80 3.92 -0.57	53.86 3.97 -0.32	54.91 3.73 0.59	58.64 3.64 1.90	65.80 4.72 4.49	70.69 5.29 9.07	73.54 4.73 11.41	71.29 4.02 11.59	66.16 2.83 5.59	58.99 2.16 1.60	53.53 2.11 0.00	51.15 3.57 0.00
NORTHPORT___4 23650	52.26 2.82 0.00	41.89 2.59 0.00	37.21 2.11 0.00	33.34 2.03 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.41 1.89 0.00	36.24 2.31 0.00	40.52 2.83 0.00	44.62 3.11 0.00	48.61 3.77 0.00	51.45 3.91 -0.96	51.80 3.92 -0.57	53.86 3.97 -0.32	54.91 3.73 0.59	58.64 3.64 1.90	65.80 4.72 4.49	70.69 5.29 9.07	73.54 4.73 11.41	71.29 4.02 11.59	66.16 2.83 5.59	58.99 2.16 1.60	53.53 2.11 0.00	51.15 3.57 0.00
NORTHPORT___IC 23718	52.31 2.87 0.00	41.77 2.48 0.00	37.32 2.21 0.00	33.41 2.10 0.00	33.15 2.02 0.00	32.95 1.87 0.00	33.47 1.95 0.00	36.37 2.44 0.00	40.59 2.90 0.00	44.32 2.82 0.00	48.61 3.77 0.00	51.45 3.91 -0.96	51.80 3.93 -0.57	53.96 4.06 -0.32	54.82 3.83 0.79	57.99 3.70 2.61	63.66 4.79 6.70	65.31 5.51 14.67	66.32 5.05 18.94	63.70 4.18 19.33	62.94 3.03 9.01	57.90 2.16 2.68	54.56 3.14 0.00	51.33 3.76 0.00
NORTH___COUNTRY_ESR 323785	49.49 0.05 0.00	39.22 -0.08 0.00	34.82 -0.28 0.00	30.90 -0.41 0.00	30.72 -0.41 0.00	30.75 -0.34 0.00	31.26 -0.25 0.00	33.52 -0.41 0.00	37.39 -0.30 0.00	41.38 -0.12 0.00	44.66 -0.18 0.00	46.25 -0.32 0.00	46.83 -0.47 0.00	48.93 -0.65 0.00	50.94 -0.83 0.00	55.76 -1.14 0.00	64.32 -1.25 0.00	72.98 -1.49 0.00	78.61 -1.60 0.00	77.44 -1.42 0.00	67.60 -1.31 0.00	57.37 -1.05 0.00	50.70 -0.72 0.00	47.01 -0.57 0.00
NPX_GEN_1385_PROXY 323591	52.85 3.41 0.00	41.93 2.63 0.00	37.35 2.25 0.00	33.63 2.32 0.00	33.40 2.27 0.00	33.17 2.08 0.00	33.88 2.36 0.00	36.88 2.95 0.00	40.82 3.13 0.00	45.07 3.57 0.00	48.97 4.12 0.00	51.82 4.28 -0.96	52.32 4.45 -0.57	54.85 4.96 -0.32	55.39 4.40 0.79	58.44 4.15 2.61	64.18 5.31 6.70	65.76 5.96 14.67	66.80 5.53 18.94	64.20 4.89 19.54	63.70 3.58 8.80	60.70 2.80 0.52	53.15 2.26 0.53	49.61 3.66 1.63
NPX_GEN_CSC 323557	53.25 3.81 0.00	42.83 3.54 0.00	37.98 2.88 0.00	34.00 2.69 0.00	33.62 2.49 0.00	33.51 2.43 0.00	34.00 2.49 0.00	36.88 2.95 0.00	41.39 3.70 0.00	45.28 3.78 0.00	49.01 4.17 0.00	52.01 4.47 -0.96	52.28 4.40 -0.57	54.96 5.06 -0.33	60.45 5.08 -3.60	70.31 5.06 -8.35	84.84 6.49 -12.78	92.84 7.22 -11.15	95.16 7.14 -7.81	91.94 6.54 -6.54	81.42 5.10 -7.41	65.33 4.09 -2.82	54.60 3.70 0.52	50.61 4.67 1.63
NSINS_S___GLNS_FALLS 23858	52.91 3.46 0.00	42.05 2.75 0.00	37.63 2.53 0.00	33.63 2.32 0.00	33.40 2.27 0.00	33.30 2.21 0.00	33.75 2.24 0.00	36.34 2.41 0.00	39.99 2.30 0.00	44.03 2.53 0.00	47.31 2.47 0.00	49.28 2.70 0.00	50.04 2.74 0.00	52.55 2.97 0.00	55.09 3.31 0.00	60.77 3.87 0.00	70.42 4.85 0.00	80.13 5.66 0.00	86.71 6.50 0.00	85.16 6.31 0.00	74.50 5.58 0.00	63.27 4.85 0.00	55.38 3.96 0.00	51.00 3.43 0.00
NUCOR_STEEL___DRP 24197	48.90 -0.54 0.00	38.86 -0.43 0.00	34.79 -0.32 0.00	31.12 -0.19 0.00	30.91 -0.22 0.00	30.87 -0.22 0.00	31.23 -0.28 0.00	33.72 -0.20 0.00	37.39 -0.30 0.00	40.88 -0.62 0.00	44.13 -0.72 0.00	45.92 -0.65 0.00	46.64 -0.66 0.00	48.83 -0.74 0.00	51.05 -0.72 0.00	56.16 -0.74 0.00	64.91 -0.66 0.00	74.79 -0.45 0.00	80.30 -0.08 0.00	78.78 -0.08 0.00	68.91 0.00 0.00	58.30 -0.12 0.00	50.85 -0.57 0.00	47.01 -0.57 0.00

NUMBER_THREE_WT_PWR 323818	50.04 0.60 0.00	39.61 0.31 0.00	35.56 0.46 0.00	31.59 0.28 0.00	31.32 0.19 0.00	31.15 0.06 0.00	31.48 -0.03 0.00	33.96 0.03 0.00	37.69 0.00 0.00	41.30 -0.21 0.00	44.44 -0.40 0.00	45.92 -0.65 0.00	46.64 -0.66 0.00	48.38 -1.19 0.00	50.53 -1.24 0.00	55.48 -1.42 0.00	64.26 -1.31 0.00	73.66 -1.12 -0.30	79.88 -0.40 -0.07	79.17 0.32 0.00	69.67 0.76 0.00	59.18 0.76 0.00	51.78 0.36 0.00	47.86 0.29 0.00
NYISO_LBMP_REFERENCE 24008	49.44 0.00 0.00	39.30 0.00 0.00	35.10 0.00 0.00	31.31 0.00 0.00	31.13 0.00 0.00	31.09 0.00 0.00	31.52 0.00 0.00	33.93 0.00 0.00	37.69 0.00 0.00	41.50 0.00 0.00	44.84 0.00 0.00	46.57 0.00 0.00	47.30 0.00 0.00	49.57 0.00 0.00	51.77 0.00 0.00	56.90 0.00 0.00	65.57 0.00 0.00	74.47 0.00 0.00	80.21 0.00 0.00	78.85 0.00 0.00	68.91 0.00 0.00	58.42 0.00 0.00	51.42 0.00 0.00	47.58 0.00 0.00
NYPA_BRENTWD____GT 24164	53.05 3.61 0.00	42.56 3.26 0.00	37.77 2.67 0.00	33.85 2.54 0.00	33.53 2.40 0.00	33.39 2.30 0.00	33.91 2.39 0.00	36.74 2.81 0.00	41.12 3.43 0.00	45.28 3.78 0.00	49.33 4.48 0.00	52.29 4.75 -0.96	52.70 4.83 -0.57	55.05 5.16 -0.32	68.95 5.08 -12.10	63.84 4.95 -1.99	75.27 6.30 -3.40	85.73 7.15 -4.11	90.94 6.74 -3.99	88.76 6.07 -3.83	76.05 4.55 -2.59	64.00 3.68 -1.89	54.81 3.39 0.00	52.05 4.47 0.00
NYPA_GOWANUS____GT5 24156	52.77 3.31 -0.02	42.10 2.79 -0.02	37.61 2.49 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.83 2.30 -0.02	36.56 2.61 -0.02	40.56 2.86 0.00	51.77 3.15 -7.11	57.71 3.86 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	99.91 6.71 -18.74	101.87 7.14 -14.53	85.81 6.62 -0.33	74.16 5.23 -0.02	63.00 4.56 -0.02	60.44 4.01 -5.01	55.11 4.00 -3.53
NYPA_GOWANUS____GT6 24157	52.77 3.31 -0.02	42.10 2.79 -0.02	37.61 2.49 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.83 2.30 -0.02	36.56 2.61 -0.02	40.56 2.86 0.00	51.77 3.15 -7.11	57.71 3.86 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	99.91 6.71 -18.74	101.87 7.14 -14.53	85.81 6.62 -0.33	74.16 5.23 -0.02	63.00 4.56 -0.02	60.44 4.01 -5.01	55.11 4.00 -3.53
NYPA_HARLEM__RVR__GT1 24160	52.27 2.82 -0.01	41.82 2.52 -0.01	37.25 2.14 -0.01	33.48 2.16 -0.01	33.16 2.02 -0.01	33.06 1.96 -0.01	33.57 2.05 -0.01	36.14 2.20 -0.01	40.13 2.45 0.01	51.46 2.86 -7.10	57.38 3.54 -9.00	51.28 3.64 -1.07	52.27 3.79 -1.19	53.13 4.07 0.51	64.95 4.25 -8.93	93.75 4.72 -32.13	97.99 5.44 -26.99	99.31 6.11 -18.74	101.22 6.49 -14.52	85.16 5.99 -0.32	73.54 4.62 -0.01	62.52 4.09 -0.01	55.70 3.65 -0.63	54.76 3.66 -3.52
NYPA_HARLEM__RVR__GT2 24161	52.27 2.82 -0.01	41.82 2.52 -0.01	37.25 2.14 -0.01	33.48 2.16 -0.01	33.16 2.02 -0.01	33.06 1.96 -0.01	33.57 2.05 -0.01	36.14 2.20 -0.01	40.13 2.45 0.01	51.46 2.86 -7.10	57.38 3.54 -9.00	51.28 3.64 -1.07	52.27 3.79 -1.19	53.13 4.07 0.51	64.95 4.25 -8.93	93.75 4.72 -32.13	97.99 5.44 -26.99	99.31 6.11 -18.74	101.22 6.49 -14.52	85.16 5.99 -0.32	73.54 4.62 -0.01	62.52 4.09 -0.01	55.70 3.65 -0.63	54.76 3.66 -3.52
NYPA_KENT____GT 24152	52.62 3.17 -0.01	42.02 2.71 -0.01	37.51 2.39 -0.01	33.70 2.38 -0.01	33.38 2.24 -0.01	33.32 2.21 -0.02	33.73 2.21 -0.01	36.46 2.51 -0.02	40.48 2.79 0.00	51.68 3.07 -7.11	57.57 3.72 -9.01	59.05 3.82 -8.65	60.80 3.88 -9.62	62.57 4.26 -8.73	65.21 4.50 -8.94	94.05 5.01 -32.14	98.40 5.83 -27.00	99.76 6.55 -18.74	101.71 6.97 -14.53	85.65 6.47 -0.33	74.03 5.10 -0.02	62.82 4.38 -0.02	60.33 3.91 -5.01	55.01 3.90 -3.53
NYPA_POUCH1____GT 24155	52.67 3.21 -0.02	42.06 2.75 -0.02	37.58 2.46 -0.02	33.77 2.44 -0.02	33.48 2.34 -0.02	33.41 2.30 -0.02	33.86 2.33 -0.02	36.56 2.61 -0.02	40.52 2.83 0.00	51.69 3.07 -7.11	57.62 3.77 -9.01	59.05 3.82 -8.65	60.71 3.79 -9.62	60.67 4.07 -7.03	61.67 4.29 -5.60	88.30 4.89 -26.51	93.76 5.70 -22.49	95.31 6.41 -14.44	93.76 6.81 -6.73	81.31 6.31 3.86	69.57 4.89 4.23	62.87 4.44 -0.02	60.33 3.91 -5.01	55.01 3.90 -3.53
NYPA_VERNON____GT2 24162	52.47 3.02 -0.01	41.90 2.59 -0.01	37.43 2.32 -0.01	33.60 2.28 -0.01	33.32 2.18 -0.01	33.25 2.14 -0.02	33.67 2.14 -0.01	36.35 2.41 -0.02	40.37 2.68 0.00	51.55 2.95 -7.10	57.48 3.63 -9.01	59.00 3.77 -8.65	60.80 3.88 -9.62	62.52 4.21 -8.73	65.16 4.45 -8.94	93.99 4.95 -32.14	98.26 5.70 -27.00	99.61 6.41 -18.74	101.55 6.81 -14.53	85.49 6.31 -0.33	73.96 5.03 -0.02	62.70 4.26 -0.02	60.23 3.80 -5.01	54.86 3.76 -3.53
NYPA_VERNON____GT3 24163	52.47 3.02 -0.01	41.90 2.59 -0.01	37.43 2.32 -0.01	33.60 2.28 -0.01	33.32 2.18 -0.01	33.25 2.14 -0.02	33.67 2.14 -0.01	36.35 2.41 -0.02	40.37 2.68 0.00	51.55 2.95 -7.10	57.48 3.63 -9.01	59.00 3.77 -8.65	60.80 3.88 -9.62	62.52 4.21 -8.73	65.16 4.45 -8.94	93.99 4.95 -32.14	98.26 5.70 -27.00	99.61 6.41 -18.74	101.55 6.81 -14.53	85.49 6.31 -0.33	73.96 5.03 -0.02	62.70 4.26 -0.02	60.23 3.80 -5.01	54.86 3.76 -3.53
NYPA__ASTORIA_CC1 323568	52.42 2.97 -0.01	41.86 2.55 -0.01	37.39 2.28 -0.01	33.57 2.26 -0.01	33.28 2.15 -0.01	33.22 2.12 -0.02	33.64 2.11 -0.01	36.32 2.37 -0.02	40.33 2.64 0.00	51.47 2.86 -7.10	57.39 3.54 -9.01	58.91 3.68 -8.65	60.71 3.79 -9.62	62.47 4.16 -8.73	65.06 4.35 -8.94	93.87 4.83 -32.14	98.13 5.57 -27.00	99.46 6.26 -18.74	101.39 6.65 -14.53	85.34 6.15 -0.33	73.82 4.89 -0.02	62.59 4.15 -0.02	60.13 3.70 -5.01	54.77 3.66 -3.53
NYPA__ASTORIA_CC2 323569	52.42 2.97 -0.01	41.86 2.55 -0.01	37.39 2.28 -0.01	33.57 2.26 -0.01	33.28 2.15 -0.01	33.22 2.12 -0.02	33.64 2.11 -0.01	36.32 2.37 -0.02	40.33 2.64 0.00	51.47 2.86 -7.10	57.39 3.54 -9.01	58.91 3.68 -8.65	60.71 3.79 -9.62	62.47 4.16 -8.73	65.06 4.35 -8.94	93.87 4.83 -32.14	98.13 5.57 -27.00	99.46 6.26 -18.74	101.39 6.65 -14.53	85.34 6.15 -0.33	73.82 4.89 -0.02	62.59 4.15 -0.02	60.13 3.70 -5.01	54.77 3.66 -3.53
NYPA__HOLTSVILL 23794	52.85 3.41 0.00	42.48 3.18 0.00	37.74 2.63 0.00	33.78 2.47 0.00	33.43 2.30 0.00	33.33 2.24 0.00	33.81 2.30 0.00	36.67 2.75 0.00	41.09 3.39 0.00	45.16 3.65 0.00	49.01 4.17 0.00	51.96 4.43 -0.96	52.32 4.45 -0.57	54.71 4.81 -0.33	60.01 4.66 -3.58	69.83 4.72 -8.21	84.12 5.97 -12.58	92.20 6.71 -11.03	94.33 6.34 -7.78	91.28 5.68 -6.75	80.30 4.27 -7.11	62.42 3.33 -0.67	54.62 3.19 -0.01	51.86 4.28 0.00
NYPA__HELLGATE_GT1 24158	52.27 2.82 -0.01	41.82 2.52 -0.01	37.25 2.14 -0.01	33.48 2.16 -0.01	33.16 2.02 -0.01	33.06 1.96 -0.01	33.57 2.05 -0.01	36.14 2.20 -0.01	40.13 2.45 0.01	51.46 2.86 -7.10	57.38 3.54 -9.00	49.70 3.64 0.51	50.48 3.74 0.56	54.71 4.07 -1.08	64.95 4.25 -8.93	93.75 4.72 -32.13	97.99 5.44 -26.99	99.31 6.11 -18.74	101.22 6.49 -14.52	85.16 5.99 -0.32	73.54 4.62 -0.01	62.52 4.09 -0.01	54.79 3.65 0.28	54.76 3.66 -3.52

NYPA_____HELLGATE_GT2 24159	52.27	41.82	37.25	33.48	33.16	33.06	33.57	36.14	40.13	51.46	57.38	49.70	50.48	54.71	64.95	93.75	97.99	99.31	101.22	85.16	73.54	62.52	54.79	54.76
	2.82	2.52	2.14	2.16	2.02	1.96	2.05	2.20	2.45	2.86	3.54	3.64	3.74	4.07	4.25	4.72	5.44	6.11	6.49	5.99	4.62	4.09	3.65	3.66
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	-7.10	-9.00	0.51	0.56	-1.08	-8.93	-32.13	-26.99	-18.74	-14.52	-0.32	-0.01	-0.01	0.28	-3.52
NYS_BARGE___HYD 23848	39.81	28.30	24.29	22.68	21.75	20.78	21.16	23.16	25.74	27.43	28.72	31.38	31.28	31.43	32.91	34.61	39.98	47.03	50.33	48.45	46.04	41.03	37.94	38.88
	-5.68	-5.07	-4.49	-3.73	-3.74	-3.89	-3.85	-3.60	-4.15	-5.23	-6.01	-5.68	-6.29	-6.35	-6.42	-7.17	-8.26	-8.12	-8.98	-9.15	-7.86	-6.25	-5.40	-5.85
	3.95	5.93	6.32	4.91	5.65	6.42	6.51	7.17	7.81	8.84	10.11	9.51	9.73	11.79	12.44	15.11	17.32	19.33	20.90	21.26	15.02	11.14	8.08	2.84
OAK ORCHARD___HYD 24046	45.09	34.92	30.97	27.97	27.64	27.35	27.78	30.32	33.68	36.70	39.22	41.25	41.55	41.73	43.53	47.08	54.11	62.42	66.89	64.78	58.04	50.37	46.22	43.21
	-3.51	-3.11	-2.77	-2.28	-2.27	-2.36	-2.33	-2.07	-2.34	-2.91	-3.45	-3.26	-3.64	-3.62	-3.67	-4.04	-4.39	-4.10	-4.41	-4.58	-3.93	-3.27	-3.03	-3.57
	0.85	1.27	1.36	1.05	1.21	1.38	1.40	1.54	1.68	1.90	2.17	2.06	2.11	4.22	4.57	5.78	7.07	7.95	8.91	9.50	6.95	4.78	2.17	0.80
OAKDALE___35_KV_LOAD 356122	49.73	40.00	35.97	32.09	32.00	32.08	32.49	35.18	39.01	42.75	46.31	48.03	48.79	50.58	52.83	58.18	66.92	76.50	82.36	80.49	69.93	59.30	52.37	47.57
	-0.49	-0.47	-0.39	-0.19	-0.25	-0.28	-0.32	-0.17	-0.23	-0.50	-0.54	-0.47	-0.47	-0.50	-0.41	-0.46	-0.39	-0.22	0.16	-0.08	-0.07	-0.12	-0.46	-0.48
	-0.78	-1.17	-1.25	-0.97	-1.12	-1.27	-1.29	-1.42	-1.55	-1.75	-2.00	-1.92	-1.96	-1.50	-1.47	-1.73	-1.75	-2.25	-1.99	-1.71	-1.08	-1.00	-1.41	-0.47
OCC_CHEM___DRP 24175	38.73	27.25	23.22	21.83	20.79	19.79	20.05	21.58	24.34	26.03	27.46	30.03	30.14	30.22	31.37	32.94	37.96	43.84	48.61	46.61	44.64	39.10	35.50	38.19
	-6.38	-5.54	-4.95	-4.10	-4.14	-4.26	-4.32	-4.48	-4.79	-5.77	-6.28	-6.43	-6.81	-6.94	-6.99	-8.08	-9.44	-10.35	-9.54	-9.86	-8.48	-7.65	-7.35	-6.38
	4.34	6.51	6.94	5.38	6.19	7.04	7.15	7.87	8.57	9.71	11.10	10.11	10.35	12.42	13.41	15.88	18.16	20.28	22.05	22.39	15.79	11.67	8.57	3.01
OH_GEN_PROXY 24063	39.55	25.50	24.26	22.63	21.72	20.82	21.19	23.20	25.78	27.48	28.84	31.40	31.30	31.44	33.05	34.65	40.08	47.37	50.94	48.84	46.61	43.12	37.20	37.00
	-6.08	-5.34	-4.74	-3.95	-3.95	-4.07	-4.03	-3.80	-4.37	-5.48	-6.23	-5.92	-6.53	-6.59	-6.63	-7.45	-8.52	-8.19	-8.98	-9.15	-7.92	-6.54	-5.81	-6.18
	3.81	8.45	6.10	4.74	5.45	6.20	6.29	6.93	7.54	8.54	9.77	9.26	9.47	11.53	12.10	14.80	16.97	18.91	20.28	20.86	14.39	8.76	8.41	4.39
OLIN_CORP_DRP 24177	38.90	27.44	23.40	21.98	20.99	19.96	20.26	21.78	24.56	26.24	27.66	29.98	30.18	30.17	31.56	32.94	38.10	43.55	47.80	45.89	44.04	39.43	35.47	38.26
	-6.28	-5.46	-4.88	-4.04	-4.05	-4.20	-4.22	-4.41	-4.71	-5.73	-6.28	-6.38	-6.67	-6.89	-6.99	-7.97	-9.18	-10.50	-10.27	-10.49	-9.03	-7.24	-7.30	-6.28
	4.27	6.40	6.82	5.30	6.09	6.93	7.03	7.74	8.42	9.54	10.91	10.21	10.45	12.51	13.22	16.00	18.29	20.42	22.14	22.47	15.85	11.75	8.65	3.04
OLIN_CORP_DSASP 323712	38.73	27.25	23.22	21.83	20.79	19.79	20.05	21.58	24.34	26.03	27.46	30.03	30.14	30.22	31.37	32.94	37.96	43.84	48.61	46.61	44.64	39.10	35.50	38.19
	-6.38	-5.54	-4.95	-4.10	-4.14	-4.26	-4.32	-4.48	-4.79	-5.77	-6.28	-6.43	-6.81	-6.94	-6.99	-8.08	-9.44	-10.35	-9.54	-9.86	-8.48	-7.65	-7.35	-6.38
	4.34	6.51	6.94	5.38	6.19	7.04	7.15	7.87	8.57	9.71	11.10	10.11	10.35	12.42	13.41	15.88	18.16	20.28	22.05	22.39	15.79	11.67	8.57	3.01
ONEIDA_HERK_LFGE 323681	50.19	39.81	35.63	31.78	31.53	31.40	31.77	34.30	38.07	41.79	45.07	46.76	47.49	49.47	51.67	56.79	65.63	74.94	81.05	79.96	70.08	59.41	52.09	48.10
	0.74	0.51	0.53	0.47	0.40	0.31	0.25	0.37	0.38	0.29	0.23	0.19	0.19	-0.10	-0.10	-0.11	0.07	0.30	0.80	1.10	1.17	0.99	0.67	0.52
	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	-0.17	-0.04	0.00	0.00	0.00	0.00	0.00
ONEIDA___115KV_TB4 55905	50.24	39.85	35.67	31.87	31.63	31.52	31.89	34.44	38.22	41.88	45.20	46.95	47.73	49.40	51.61	56.67	65.40	74.68	80.70	79.29	69.51	59.00	52.04	48.15
	0.79	0.55	0.56	0.56	0.50	0.44	0.38	0.51	0.53	0.37	0.36	0.37	0.43	0.25	0.31	0.40	0.66	0.89	1.52	1.66	1.52	1.17	0.72	0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.47	0.62	0.83	0.69	1.03	1.22	0.92	0.59	0.10	0.05
ONONDAGA_REF_OCCRA 23987	48.60	38.67	34.61	30.94	30.72	30.68	31.04	33.52	37.20	40.76	43.99	45.78	46.50	48.16	50.30	55.13	63.58	72.84	78.20	76.47	67.10	57.02	50.40	46.66
	-0.84	-0.63	-0.49	-0.38	-0.40	-0.40	-0.47	-0.41	-0.49	-0.75	-0.85	-0.79	-0.80	-0.84	-0.83	-0.91	-0.85	-0.89	-0.64	-0.71	-0.55	-0.58	-0.87	-0.86
	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	0.57	0.65	0.86	1.14	0.74	1.37	1.67	1.26	0.81	0.14	0.06
ONONDAGA___COGEN 23986	48.65	38.71	34.65	31.00	30.79	30.75	31.11	33.59	37.28	40.84	44.08	45.83	46.59	48.78	51.00	56.05	64.72	74.49	79.76	78.14	68.36	57.84	50.60	46.77
	-0.79	-0.59	-0.46	-0.31	-0.34	-0.34	-0.41	-0.34	-0.41	-0.66	-0.76	-0.75	-0.71	-0.79	-0.78	-0.85	-0.85	-0.82	-0.64	-0.71	-0.55	-0.58	-0.82	-0.81
	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	-0.84	-0.19	0.00	0.00	0.00	0.00	0.00
ONTARIO___LFGE 23819	55.69	48.30	44.70	38.91	39.76	40.93	41.46	45.12	49.58	54.51	59.40	60.53	61.63	63.64	66.46	74.53	85.45	98.16	105.24	103.37	86.09	72.02	63.59	51.66
	0.25	0.00	0.00	0.16	0.06	0.09	0.06	0.30	0.04	-0.41	-0.81	-0.51	-0.47	-0.50	-0.36	-0.28	0.26	1.34	2.01	2.13	1.86	1.46	0.72	0.14
	-6.00	-9.00	-9.59	-7.45	-8.57	-9.74	-9.89	-10.89	-11.85	-13.43	-15.36	-14.47	-14.81	-14.57	-15.05	-17.92	-19.62	-22.35	-23.02	-22.38	-15.32	-12.14	-11.45	-3.94
ORANGEVILLE_WT_PWR 323706	28.40	10.22	4.71	7.50	4.01	0.69	0.71	0.45	1.00	-0.46	-3.47	1.33	1.00	1.00	1.00	-2.88	-0.85	1.77	2.92	2.37	14.92	16.45	14.98	32.04
	-4.15	-3.73	-3.37	-2.85	-2.99	-2.95	-2.96	-2.82	-3.32	-4.15	-5.07	-4.89	-5.02	-5.20	-5.28	-5.69	-6.23	-5.81	-6.26	-6.00	-5.17	-4.21	-3.80	-4.23
	16.89	25.34	27.02	20.97	24.13	27.44	27.84	30.67	33.38	37.81	43.25	40.35	41.29	43.37	45.49	54.09	60.19	66.89	71.04	70.49	48.83	37.77	32.63	11.31
ORANGEVILLE___ESR 323794	28.40	10.22	4.71	7.50	4.01	0.69	0.71	0.45	1.00	-0.46	-3.47	1.33	1.00	1.00	1.00	-2.88	-0.85	1.77	2.92	2.37	14.92	16.45	14.98	32.04
	-4.15	-3.73	-3.37	-2.85	-2.99	-2.95	-2.96	-2.82	-3.32	-4.15	-5.07	-4.89	-5.02	-5.20	-5.28	-5.69	-6.23	-5.81	-6.26	-6.00	-5.17	-4.21	-3.80	-4.23
	16.89	25.34	27.02	20.97	24.13	27.44	27.84	30.67	33.38	37.81	43.25	40.35	41.29	43.37	45.49	54.09	60.19	66.89	71.04	70.49	48.83	37.77	32.63	11.31

OSWEGATCHIE___HYD 24044	49.74 0.30 0.00	39.38 0.08 0.00	35.17 0.07 0.00	31.25 -0.06 0.00	31.10 -0.03 0.00	31.00 -0.09 0.00	31.39 -0.13 0.00	33.79 -0.14 0.00	37.58 -0.11 0.00	41.30 -0.21 0.00	44.48 -0.36 0.00	46.11 -0.47 0.00	46.78 -0.52 0.00	48.68 -0.89 0.00	50.74 -1.04 0.00	55.59 -1.31 0.00	64.32 -1.25 0.00	73.60 -1.12 -0.25	79.71 -0.56 -0.06	78.85 0.00 0.00	69.05 0.14 0.00	58.66 0.23 0.00	51.52 0.10 0.00	47.67 0.10 0.00
OSWEGO___5 23606	47.81 -1.63 0.00	38.12 -1.18 0.00	34.12 -0.98 0.00	30.50 -0.81 0.00	30.29 -0.84 0.00	30.25 -0.84 0.00	30.63 -0.88 0.00	33.11 -0.81 0.00	36.68 -1.02 0.00	40.26 -1.24 0.00	43.32 -1.52 0.00	45.04 -1.54 0.00	45.69 -1.61 0.00	53.66 -1.69 -5.77	56.63 -1.71 -6.56	63.70 -1.88 -8.68	75.03 -2.03 -11.49	88.81 -2.16 -16.50	93.86 -2.25 -15.89	93.55 -2.21 -16.90	79.83 -1.86 -12.77	64.99 -1.64 -8.21	51.27 -1.59 -1.44	46.60 -1.62 -0.64
OSWEGO___6 23613	47.81 -1.63 0.00	38.12 -1.18 0.00	34.12 -0.98 0.00	30.50 -0.81 0.00	30.29 -0.84 0.00	30.25 -0.84 0.00	30.63 -0.88 0.00	33.11 -0.81 0.00	36.68 -1.02 0.00	40.26 -1.24 0.00	43.32 -1.52 0.00	45.04 -1.54 0.00	45.69 -1.61 0.00	53.66 -1.69 -5.77	56.63 -1.71 -6.56	63.70 -1.88 -8.68	75.03 -2.03 -11.49	88.81 -2.16 -16.50	93.86 -2.25 -15.89	93.55 -2.21 -16.90	79.83 -1.86 -12.77	64.99 -1.64 -8.21	51.27 -1.59 -1.44	46.60 -1.62 -0.64
OUTOKUMPU-AB___DRP 24206	39.39 -5.49 4.57	27.57 -4.87 6.85	23.45 -4.35 7.30	22.04 -3.60 5.67	20.96 -3.64 6.52	19.88 -3.79 7.42	20.18 -3.81 7.53	21.67 -3.97 8.29	24.49 -4.18 9.02	26.22 -5.06 10.22	27.64 -5.52 11.69	30.28 -5.54 10.75	30.43 -5.87 11.00	30.53 -6.00 13.04	31.75 -6.06 13.97	33.26 -7.00 16.64	38.44 -8.13 18.99	44.34 -8.94 21.19	49.17 -8.10 22.94	47.16 -8.44 23.25	45.29 -7.24 16.38	39.99 -6.25 12.18	35.97 -6.38 9.07	38.87 -5.52 3.18
OXBOW___BTM 323836	39.16 -5.83 4.45	27.47 -5.15 6.68	23.38 -4.60 7.12	21.93 -3.85 5.53	20.91 -3.86 6.36	19.84 -4.01 7.23	20.20 -3.97 7.34	22.08 -3.77 8.09	24.59 -4.30 8.80	26.22 -5.31 9.97	27.34 -6.10 11.40	30.41 -5.73 10.44	30.24 -6.39 10.68	30.45 -6.39 12.73	31.66 -6.42 13.70	33.29 -7.34 16.27	38.46 -8.52 18.58	45.76 -7.97 20.74	49.04 -8.66 22.50	47.12 -8.91 22.83	45.17 -7.65 16.09	40.07 -6.43 11.93	36.94 -5.66 8.82	38.48 -6.00 3.10
OXBOW___ 24026	39.11 -5.88 4.45	27.47 -5.15 6.68	23.35 -4.63 7.12	21.93 -3.85 5.53	20.88 -3.89 6.36	19.84 -4.01 7.23	20.14 -4.03 7.34	21.64 -4.21 8.09	24.45 -4.45 8.80	26.18 -5.35 9.97	27.61 -5.83 11.40	30.22 -5.91 10.44	30.33 -6.29 10.68	30.45 -6.39 12.73	31.61 -6.47 13.70	33.18 -8.72 16.27	38.27 -7.45 18.58	44.12 -8.72 20.74	48.97 -9.61 22.50	46.96 -9.07 22.83	45.03 -7.79 16.09	39.60 -6.89 11.93	35.81 -6.79 8.82	38.58 -5.90 3.10
OXY_CHEM_DSASP 323612	38.73 -6.38 4.34	27.25 -5.54 6.51	23.22 -4.95 6.94	21.83 -4.10 5.38	20.79 -4.14 6.19	19.79 -4.26 7.04	20.05 -4.32 7.15	21.58 -4.48 7.87	24.34 -4.79 8.57	26.03 -5.77 9.71	27.46 -6.28 11.10	30.03 -6.43 10.11	30.14 -6.81 10.35	30.22 -6.94 12.42	31.37 -6.99 13.41	32.94 -8.08 15.88	37.96 -9.44 18.16	43.84 -10.35 20.28	48.61 -9.54 22.05	46.61 -9.86 22.39	44.64 -8.48 15.79	39.10 -7.65 11.67	35.50 -7.35 8.57	38.19 -6.38 3.01
OZONE_PARK_ESR 323760	52.91 3.46 0.00	42.13 2.83 0.00	37.63 2.53 0.00	33.78 2.47 0.00	33.49 2.37 0.00	33.44 2.33 -0.02	33.78 2.27 0.00	36.69 2.75 -0.02	40.71 3.02 0.00	51.86 3.32 -7.04	57.76 3.99 -8.93	59.44 4.28 -8.58	61.23 4.40 -9.53	63.04 4.81 -8.66	65.70 5.07 -8.86	94.50 5.75 -31.86	99.08 6.75 -26.76	100.87 7.82 -18.58	102.95 8.34 -14.40	86.75 7.57 -0.32	75.06 6.13 -0.02	63.29 4.85 -0.02	60.96 4.58 -4.96	55.26 4.19 -3.50
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.73 -6.38 4.34	27.25 -5.54 6.51	23.22 -4.95 6.94	21.83 -4.10 5.38	20.79 -4.14 6.19	19.79 -4.26 7.04	20.05 -4.32 7.15	21.58 -4.48 7.87	24.34 -4.79 8.57	26.03 -5.77 9.71	27.46 -6.28 11.10	30.03 -6.43 10.11	30.14 -6.81 10.35	30.22 -6.94 12.42	31.37 -6.99 13.41	32.94 -8.08 15.88	37.96 -9.44 18.16	43.84 -10.35 20.28	48.61 -9.54 22.05	46.61 -9.86 22.39	44.64 -8.48 15.79	39.10 -7.65 11.67	35.50 -7.35 8.57	38.19 -6.38 3.01
PACKARD___115KV_DUPONT_184 80571	38.78 -6.33 4.34	27.25 -5.54 6.51	23.25 -4.91 6.94	21.83 -4.10 5.38	20.79 -4.14 6.19	19.79 -4.26 7.04	20.15 -4.22 7.15	22.05 -4.00 7.87	24.52 -4.60 8.57	26.07 -5.73 9.71	27.24 -6.50 11.10	30.27 -6.19 10.11	30.00 -6.95 10.35	30.27 -6.89 12.42	31.43 -6.94 13.41	33.11 -7.91 15.88	38.16 -9.24 18.16	45.55 -8.64 20.28	48.69 -9.47 22.05	46.84 -9.62 22.39	44.78 -8.34 15.79	39.68 -7.07 11.67	36.63 -6.22 8.57	38.09 -6.47 3.01
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	52.36 2.92 0.00	41.85 2.55 0.00	37.35 2.25 0.00	33.47 2.16 0.00	33.18 2.05 0.00	33.09 1.99 -0.02	33.60 2.08 0.00	36.28 2.34 -0.02	40.18 2.49 0.00	51.35 2.74 -7.10	57.17 3.32 -9.01	50.35 3.49 -0.28	51.21 3.59 -0.31	53.82 3.97 -0.28	64.85 4.14 -8.94	93.65 4.61 -32.14	97.87 5.31 -27.00	99.31 6.11 -18.74	101.31 6.58 -14.53	85.10 5.91 -0.33	73.62 4.69 -0.02	62.29 3.86 -0.02	55.35 3.75 -0.18	54.58 3.47 -3.53
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	53.20 3.76 0.00	42.52 3.22 0.00	37.95 2.84 0.00	34.00 2.69 0.00	33.71 2.58 0.00	33.62 2.52 -0.02	34.13 2.62 0.00	36.90 2.95 -0.02	40.86 3.17 0.00	52.05 3.44 -7.10	57.97 4.13 -9.01	51.19 4.33 -0.28	52.11 4.49 -0.31	54.76 4.91 -0.28	65.89 5.18 -8.94	94.79 5.75 -32.14	99.32 6.75 -27.00	101.03 7.82 -18.74	103.16 8.42 -14.53	86.91 7.73 -0.33	75.13 6.20 -0.02	63.52 5.08 -0.02	56.38 4.78 -0.18	55.58 4.47 -3.53
PATROON_115KV_TB1 80586	50.53 1.09 0.00	40.40 1.10 0.00	36.33 1.23 0.00	32.53 1.22 0.00	32.28 1.15 0.00	32.21 1.12 0.00	32.62 1.10 0.00	35.18 1.26 0.00	38.67 0.98 0.00	42.50 1.00 0.00	46.01 1.17 0.00	47.69 1.12 0.00	48.58 1.28 0.00	51.01 1.44 0.00	53.33 1.55 0.00	58.72 1.82 0.00	67.53 1.97 0.00	76.56 2.09 0.00	82.38 2.17 0.00	80.67 1.81 0.00	70.64 1.72 0.00	60.00 1.58 0.00	52.81 1.39 0.00	48.77 1.19 0.00
PATTRSNVILLE___SOLAR 323815	51.13 1.68 0.00	40.67 1.37 0.00	36.37 1.26 0.00	32.53 1.22 0.00	32.28 1.15 0.00	32.21 1.12 0.00	32.59 1.07 0.00	35.01 1.09 0.00	38.60 0.90 0.00	42.25 0.75 0.00	45.65 0.81 0.00	47.41 0.84 0.00	48.20 0.90 0.00	50.61 1.04 0.00	53.01 1.24 0.00	58.32 1.42 0.00	67.21 1.64 0.00	76.48 2.01 0.00	82.78 2.57 0.00	81.54 2.68 0.00	71.39 2.48 0.00	60.58 2.16 0.00	53.22 1.80 0.00	49.29 1.71 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.03 -3.66 4.75	28.79 -3.38 7.13	24.45 -3.05 7.60	22.97 -2.44 5.90	21.82 -2.52 6.79	20.73 -2.64 7.72	21.04 -2.65 7.83	22.66 -2.65 8.62	25.56 -2.75 9.38	27.39 -3.49 10.63	28.87 -3.81 12.16	31.71 -3.73 11.14	31.97 -3.93 11.40	32.18 -4.06 13.33	33.43 -4.04 14.30	35.27 -4.67 16.96	40.95 -5.31 19.30	47.21 -5.73 21.53	52.30 -4.65 23.26	50.28 -5.05 23.53	48.09 -4.27 16.55	42.33 -3.74 12.35	37.80 -4.27 9.35	40.58 -3.71 3.28

PAWLING_115_KV_BK3_REV_LBMP_H 345028	52.46 3.02 0.00	41.77 2.48 0.00	37.28 2.18 0.00	33.47 2.16 0.00	33.15 2.02 0.00	33.11 2.02 0.00	33.50 1.99 0.00	36.27 2.34 0.00	40.26 2.56 0.00	44.32 2.82 0.00	48.34 3.50 0.00	50.35 3.77 0.00	51.27 3.97 0.00	53.88 4.31 0.00	56.33 4.56 0.00	62.25 5.35 0.00	71.99 6.43 0.00	81.99 7.52 0.00	88.23 8.02 0.00	86.11 7.25 0.00	74.70 5.79 0.00	62.80 4.38 0.00	55.43 4.01 0.00	51.14 3.57 0.00
PEEKSKILL____ 23653	51.87 2.42 0.00	41.38 2.08 0.00	36.93 1.82 0.00	33.19 1.88 0.00	32.87 1.74 0.00	32.80 1.71 0.00	33.18 1.67 0.00	35.89 1.97 0.00	39.88 2.19 0.00	43.91 2.41 0.00	47.89 3.05 0.00	49.79 3.21 0.00	50.66 3.36 0.00	53.24 3.67 0.00	55.66 3.88 0.00	61.39 4.49 0.00	70.81 5.25 0.00	80.35 5.88 0.00	86.47 6.26 0.00	84.61 5.75 0.00	73.39 4.48 0.00	61.98 3.56 0.00	54.61 3.19 0.00	50.67 3.09 0.00
PGE MADISON__WINDPWR 24146	53.03 2.42 -1.17	42.70 1.65 -1.75	38.44 1.47 -1.87	34.20 1.44 -1.45	34.13 1.34 -1.67	34.16 1.18 -1.89	34.32 0.88 -1.92	37.30 1.26 -2.12	41.35 1.36 -2.30	45.15 1.04 -2.61	48.73 0.90 -2.99	50.43 1.02 -2.83	51.29 1.09 -2.90	52.71 0.59 -2.54	55.12 0.78 -2.58	60.97 1.02 -3.04	70.44 1.64 -3.23	80.85 2.46 -3.92	87.98 4.01 -3.76	86.51 4.18 -3.48	74.95 3.72 -2.32	63.34 2.98 -1.94	55.59 2.01 -2.17	50.07 1.76 -0.74
PIERCEFIELD__HYD 23852	49.49 0.05 0.00	39.18 -0.12 0.00	34.86 -0.25 0.00	30.97 -0.34 0.00	30.91 -0.22 0.00	30.90 -0.19 0.00	31.39 -0.13 0.00	33.66 -0.27 0.00	37.50 -0.19 0.00	41.38 -0.12 0.00	44.62 -0.22 0.00	46.25 -0.33 0.00	46.88 -0.43 0.00	48.98 -0.59 0.00	51.00 -0.78 0.00	55.82 -1.08 0.00	64.45 -1.11 0.00	73.35 -1.12 0.00	79.17 -1.04 0.00	78.38 -0.47 0.00	68.50 -0.41 0.00	58.07 -0.35 0.00	51.27 -0.15 0.00	47.58 0.00 0.00
PINELAWN_CC_I 323563	52.76 3.31 0.00	42.32 3.03 0.00	37.56 2.46 0.00	33.66 2.35 0.00	33.34 2.21 0.00	33.23 2.14 0.00	33.72 2.21 0.00	36.54 2.61 0.00	40.86 3.17 0.00	44.99 3.49 0.00	49.11 4.26 0.00	52.01 4.47 -0.96	52.46 4.59 -0.57	54.85 4.96 -0.32	58.50 4.87 -1.86	62.33 5.06 -0.37	72.55 6.36 -0.63	82.43 7.22 -0.74	87.81 6.90 -0.71	85.68 6.15 -0.67	73.99 4.62 -0.46	62.34 3.62 -0.29	54.71 3.29 0.00	51.81 4.23 0.00
PJM_GEN_HTP_PROXY 323702	52.37 2.92 -0.01	41.78 2.48 -0.01	37.29 2.18 -0.01	33.51 2.19 -0.01	33.19 2.05 -0.01	33.12 2.02 -0.02	33.51 1.99 -0.01	36.25 2.31 -0.02	40.29 2.60 0.00	51.31 2.86 -6.95	57.19 3.54 -8.80	58.76 3.73 -8.46	60.58 4.21 -9.40	62.32 4.21 -8.54	64.96 4.45 -8.74	93.39 5.06 -31.42	97.93 5.97 -26.39	99.50 6.71 -18.33	101.47 7.06 -14.20	85.50 6.54 -0.11	74.31 5.17 -0.23	64.80 4.21 -2.17	59.54 3.75 -4.37	53.06 3.66 -1.82
PJM_GEN_KEystone 24065	41.00 -0.99 7.46	35.00 -0.86 3.43	32.00 -0.77 2.33	27.40 -0.47 3.44	27.30 -0.53 3.30	28.00 -0.59 2.50	29.03 -0.60 1.89	31.54 -0.31 2.08	35.01 -0.41 2.27	38.72 -0.71 2.07	41.86 -0.67 2.31	44.04 -0.42 2.12	44.62 -0.57 2.11	46.02 -0.45 3.10	48.00 -0.31 3.46	53.86 -0.23 2.82	61.54 -0.20 3.83	69.68 0.22 5.02	74.47 0.32 6.06	71.59 -0.08 7.18	63.79 -0.27 4.85	56.73 -0.35 1.34	48.46 -0.41 2.55	44.74 -0.62 2.22
PJM_GEN_NEPTUNE_PROXY 323594	52.06 2.62 0.00	41.73 2.44 0.00	37.07 1.96 0.00	33.25 1.94 0.00	32.93 1.80 0.00	32.83 1.74 0.00	33.28 1.76 0.00	36.07 2.14 0.00	40.29 2.60 0.00	44.41 2.90 0.00	48.47 3.63 0.00	51.35 3.82 -0.96	51.76 3.88 -0.57	54.06 4.16 -0.32	55.92 4.14 0.00	61.21 4.32 0.01	71.00 5.44 0.01	80.57 6.11 0.01	85.91 5.70 0.00	83.61 4.97 0.21	72.84 3.72 -0.20	63.49 2.92 -2.15	53.46 2.57 0.53	49.47 3.52 1.63
PJM_GEN_VFT_PROXY 323633	52.17 2.72 -0.01	41.58 2.28 -0.01	37.11 2.00 -0.01	33.38 2.07 -0.01	33.07 1.93 -0.01	33.00 1.90 -0.02	33.35 1.83 -0.01	36.08 2.14 -0.02	40.11 2.41 0.00	51.24 2.70 -7.04	57.09 3.32 -8.93	58.65 3.49 -8.58	60.42 3.59 -9.53	60.49 3.97 -6.95	61.43 4.14 -5.52	87.84 4.72 -26.22	93.32 5.51 -22.25	94.91 6.18 -14.27	93.39 6.58 -6.60	80.84 6.07 4.08	69.64 4.75 4.03	64.44 3.85 -2.17	59.29 3.45 -4.43	52.91 3.47 -1.87
PLATSBURG_115KV_PMLD1 355749	50.04 0.59 0.00	39.61 0.31 0.00	35.21 0.11 0.00	31.25 -0.06 0.00	31.07 -0.06 0.00	31.09 0.00 0.00	31.61 0.09 0.00	33.93 0.00 0.00	37.84 0.15 0.00	41.83 0.33 0.00	45.11 0.27 0.00	46.71 0.14 0.00	47.30 0.00 0.00	49.42 -0.15 0.00	51.46 -0.31 0.00	56.39 -0.51 0.00	65.04 -0.52 0.00	73.80 -0.67 0.00	79.41 -0.80 0.00	78.38 -0.47 0.00	68.36 -0.55 0.00	58.01 -0.41 0.00	51.27 -0.15 0.00	47.53 -0.05 0.00
PLEASANTVLY__LBMP 24000	51.62 2.18 0.00	41.14 1.85 0.00	36.79 1.69 0.00	33.03 1.72 0.00	32.75 1.62 0.00	32.67 1.59 0.00	33.06 1.54 0.00	35.83 1.90 0.00	39.69 2.00 0.00	43.66 2.16 0.00	47.49 2.65 0.00	49.42 2.84 0.00	50.23 2.93 0.00	52.79 3.22 0.00	55.19 3.42 0.00	60.77 3.87 0.00	70.09 4.52 0.00	79.68 5.21 0.00	85.66 5.45 0.00	83.74 4.89 0.00	72.84 3.93 0.00	61.52 3.10 0.00	54.40 2.98 0.00	50.34 2.76 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	52.07 2.62 0.00	41.46 2.16 0.00	37.04 1.93 0.00	33.28 1.97 0.00	32.97 1.84 0.00	32.92 1.83 0.00	33.28 1.76 0.00	36.10 2.17 0.00	40.03 2.34 0.00	44.08 2.57 0.00	47.98 3.14 0.00	49.97 3.40 0.00	50.80 3.50 0.00	53.44 3.87 0.00	55.91 4.14 0.00	61.62 4.72 0.00	71.14 5.57 0.00	80.88 6.40 0.00	87.03 6.82 0.00	84.93 6.07 0.00	73.74 4.82 0.00	62.22 3.80 0.00	55.02 3.60 0.00	50.91 3.33 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	52.07 2.62 0.00	41.46 2.16 0.00	37.04 1.93 0.00	33.28 1.97 0.00	32.97 1.84 0.00	32.92 1.83 0.00	33.28 1.76 0.00	36.10 2.17 0.00	40.03 2.34 0.00	44.08 2.57 0.00	47.98 3.14 0.00	49.97 3.40 0.00	50.80 3.50 0.00	53.44 3.87 0.00	55.91 4.14 0.00	61.62 4.72 0.00	71.14 5.57 0.00	80.88 6.40 0.00	87.03 6.82 0.00	84.93 6.07 0.00	73.74 4.82 0.00	62.22 3.80 0.00	55.02 3.60 0.00	50.91 3.33 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	52.02 2.57 0.00	41.42 2.12 0.00	37.00 1.90 0.00	33.22 1.91 0.00	32.90 1.77 0.00	32.86 1.77 0.00	33.25 1.73 0.00	35.93 2.00 0.00	39.88 2.19 0.00	43.87 2.37 0.00	47.76 2.91 0.00	49.65 3.07 0.00	50.47 3.17 0.00	53.04 3.47 0.00	55.45 3.68 0.00	61.17 4.27 0.00	70.62 5.05 0.00	80.35 5.88 0.00	86.47 6.26 0.00	84.53 5.68 0.00	73.53 4.62 0.00	62.04 3.62 0.00	54.81 3.39 0.00	50.62 3.04 0.00
POLETTI____ 23519	52.36 2.92 0.00	41.73 2.44 0.00	37.32 2.21 0.00	33.50 2.19 0.00	33.21 2.09 0.00	33.16 2.05 -0.02	33.53 2.02 0.00	36.35 2.41 -0.02	40.33 2.64 0.00	51.45 2.86 -7.08	57.32 3.50 -8.98	58.93 3.73 -8.63	60.72 3.83 -9.59	62.49 4.21 -8.71	65.14 4.45 -8.91	93.95 5.01 -32.05	98.32 5.84 -26.92	99.86 6.70 -18.69	101.83 7.14 -14.49	85.65 6.47 -0.33	74.10 5.17 -0.02	62.53 4.09 -0.02	60.32 3.91 -4.99	54.71 3.62 -3.52

POMONA___ESR 323819	51.82 2.37 0.00	41.34 2.04 0.00	36.89 1.79 0.00	33.13 1.82 0.00	32.84 1.71 0.00	32.77 1.68 0.00	33.12 1.61 0.00	35.83 1.90 0.00	39.84 2.15 0.00	43.87 2.36 0.00	47.80 2.96 0.00	49.70 3.12 0.00	50.56 3.26 0.00	53.14 3.57 0.00	55.55 3.78 0.00	61.28 4.38 0.00	70.68 5.12 0.00	80.21 5.73 0.00	86.30 6.09 0.00	84.37 5.52 0.00	73.26 4.34 0.00	61.93 3.50 0.00	54.50 3.08 0.00	50.58 3.00 0.00
PORT_JEFF_3 23555	53.01 3.56 0.00	42.60 3.30 0.00	37.81 2.70 0.00	33.88 2.57 0.00	33.53 2.40 0.00	33.39 2.30 0.00	33.91 2.39 0.00	36.74 2.81 0.00	41.20 3.51 0.00	45.24 3.74 0.00	49.15 4.31 0.00	52.15 4.61 -0.96	52.51 4.64 -0.57	54.96 5.06 -0.33	60.23 4.92 -3.54	70.45 5.01 -8.54	84.79 6.16 -13.06	92.82 7.00 -11.35	94.77 6.65 -7.91	91.59 5.92 -6.82	80.79 4.55 -7.33	62.69 3.62 -0.65	54.77 3.34 -0.01	52.00 4.43 0.00
PORT_JEFF_4 23616	53.01 3.56 0.00	42.60 3.30 0.00	37.81 2.70 0.00	33.88 2.57 0.00	33.53 2.40 0.00	33.39 2.30 0.00	33.91 2.39 0.00	36.74 2.81 0.00	41.20 3.51 0.00	45.24 3.74 0.00	49.15 4.31 0.00	52.15 4.61 -0.96	52.51 4.64 -0.57	54.96 5.06 -0.33	60.23 4.92 -3.54	70.45 5.01 -8.54	84.79 6.16 -13.06	92.82 7.00 -11.35	94.77 6.65 -7.91	91.59 5.92 -6.82	80.79 4.55 -7.33	62.69 3.62 -0.65	54.77 3.34 -0.01	52.00 4.43 0.00
PORT_JEFF_IC 23713	53.05 3.61 0.00	42.48 3.18 0.00	37.91 2.81 0.00	33.91 2.60 0.00	33.62 2.49 0.00	33.45 2.36 0.00	33.97 2.46 0.00	36.91 2.99 0.00	41.31 3.62 0.00	44.91 3.40 0.00	49.19 4.35 0.00	52.24 4.70 -0.96	52.61 4.73 -0.57	55.11 5.21 -0.34	60.12 5.07 -3.27	71.81 5.12 -9.79	86.61 6.16 -14.88	94.19 7.07 -12.65	95.49 6.74 -8.54	91.96 5.84 -7.27	81.71 4.62 -8.18	62.61 3.62 -0.56	55.70 4.27 -0.01	52.10 4.52 0.00
PPL PILGRIM_ST_GT1 24216	53.05 3.61 0.00	42.56 3.26 0.00	37.77 2.67 0.00	33.85 2.54 0.00	33.53 2.40 0.00	33.39 2.30 0.00	33.91 2.39 0.00	36.74 2.81 0.00	41.12 3.43 0.00	45.28 3.78 0.00	49.33 4.48 0.00	52.29 4.75 -0.96	52.70 4.83 -0.57	55.05 5.16 -0.32	68.95 5.08 -12.10	63.84 4.95 -1.99	75.27 6.30 -3.40	85.73 7.15 -4.11	90.94 6.74 -3.99	88.76 6.07 -3.83	76.05 4.55 -2.59	64.00 3.68 -1.89	54.81 3.39 0.00	52.05 4.47 0.00
PPL PILGRIM_ST_GT2 24217	53.05 3.61 0.00	42.56 3.26 0.00	37.77 2.67 0.00	33.85 2.54 0.00	33.53 2.40 0.00	33.39 2.30 0.00	33.91 2.39 0.00	36.74 2.81 0.00	41.12 3.43 0.00	45.28 3.78 0.00	49.33 4.48 0.00	52.29 4.75 -0.96	52.70 4.83 -0.57	55.05 5.16 -0.32	68.95 5.08 -12.10	63.84 4.95 -1.99	75.27 6.30 -3.40	85.73 7.15 -4.11	90.94 6.74 -3.99	88.76 6.07 -3.83	76.05 4.55 -2.59	64.00 3.68 -1.89	54.81 3.39 0.00	52.05 4.47 0.00
PPL_SHRM_GT3 24213	53.30 3.86 0.00	42.83 3.54 0.00	38.02 2.91 0.00	34.00 2.69 0.00	33.65 2.52 0.00	33.54 2.46 0.00	34.04 2.52 0.00	36.91 2.99 0.00	41.39 3.70 0.00	45.28 3.78 0.00	49.01 4.17 0.00	52.05 4.52 -0.96	52.28 4.40 -0.57	54.96 5.06 -0.33	60.40 5.08 -3.55	70.68 5.06 -8.71	85.44 6.56 -13.31	93.37 7.37 -11.52	95.42 7.22 -7.99	92.36 6.62 -6.88	81.53 5.17 -7.44	63.15 4.09 -0.64	55.18 3.75 -0.01	52.29 4.71 0.00
PPL_SHRM_GT4 24214	53.30 3.86 0.00	42.83 3.54 0.00	38.02 2.91 0.00	34.00 2.69 0.00	33.65 2.52 0.00	33.54 2.46 0.00	34.04 2.52 0.00	36.91 2.99 0.00	41.39 3.70 0.00	45.28 3.78 0.00	49.01 4.17 0.00	52.05 4.52 -0.96	52.28 4.40 -0.57	54.96 5.06 -0.33	60.40 5.08 -3.55	70.68 5.06 -8.71	85.44 6.56 -13.31	93.37 7.37 -11.52	95.42 7.22 -7.99	92.36 6.62 -6.88	81.53 5.17 -7.44	63.15 4.09 -0.64	55.18 3.75 -0.01	52.29 4.71 0.00
PROJECT___ORANGE 1 24174	48.36 -1.09 0.00	38.47 -0.83 0.00	34.47 -0.63 0.00	30.84 -0.47 0.00	30.63 -0.50 0.00	30.56 -0.53 0.00	30.92 -0.60 0.00	33.42 -0.51 0.00	37.09 -0.60 0.00	40.63 -0.87 0.00	43.86 -0.99 0.00	45.60 -0.98 0.00	46.36 -0.95 0.00	47.72 -1.04 0.81	49.82 -1.04 0.92	54.55 -1.14 1.21	62.78 -1.18 1.61	71.92 -1.19 1.36	77.16 -1.04 2.01	75.39 -1.10 2.36	66.16 -0.96 1.78	56.34 -0.93 1.15	50.09 -1.13 0.20	46.39 -1.09 0.09
PROJECT___ORANGE 2 24166	48.36 -1.09 0.00	38.47 -0.83 0.00	34.47 -0.63 0.00	30.84 -0.47 0.00	30.63 -0.50 0.00	30.56 -0.53 0.00	30.92 -0.60 0.00	33.42 -0.51 0.00	37.09 -0.60 0.00	40.63 -0.87 0.00	43.86 -0.99 0.00	45.60 -0.98 0.00	46.36 -0.95 0.00	47.72 -1.04 0.81	49.82 -1.04 0.92	54.55 -1.14 1.21	62.78 -1.18 1.61	71.92 -1.19 1.36	77.16 -1.04 2.01	75.39 -1.10 2.36	66.16 -0.96 1.78	56.34 -0.93 1.15	50.09 -1.13 0.20	46.39 -1.09 0.09
PUCKETT___SOLAR 323809	50.50 0.30 -0.76	40.60 0.16 -1.14	36.46 0.14 -1.22	32.54 0.28 -0.95	32.44 0.22 -1.09	32.48 0.16 -1.24	32.80 0.03 -1.26	35.55 0.24 -1.38	39.27 0.08 -1.51	42.96 -0.25 -1.71	46.43 -0.36 -1.95	48.21 -0.23 -1.87	48.98 -0.24 -1.91	50.67 -0.40 -1.50	52.99 -0.26 -1.48	58.47 -0.17 -1.74	67.40 0.07 -1.77	77.34 0.59 -2.27	83.28 1.04 -2.03	81.65 1.02 -1.77	71.01 0.96 -1.13	60.20 0.76 -1.02	53.21 0.41 -1.38	48.18 0.14 -0.47
PYRITES___HYD 24023	50.33 0.89 0.00	39.81 0.51 0.00	35.39 0.28 0.00	31.40 0.09 0.00	31.35 0.22 0.00	31.31 0.22 0.00	31.77 0.25 0.00	34.03 0.10 0.00	37.81 0.11 0.00	41.67 0.17 0.00	44.89 0.04 0.00	46.48 -0.09 0.00	47.11 -0.19 0.00	49.22 -0.35 0.00	51.31 -0.47 0.00	56.22 -0.68 0.00	64.98 -0.59 0.00	74.02 -0.45 0.00	80.13 -0.08 0.00	79.64 0.79 0.00	69.60 0.69 0.00	58.95 0.53 0.00	52.04 0.62 0.00	48.24 0.67 0.00
QUAKERRD_115KV_BK1 80622	44.51 -4.01 0.93	34.48 -3.42 1.40	30.60 -3.02 1.49	27.62 -2.54 1.16	27.28 -2.52 1.33	27.00 -2.58 1.51	27.37 -2.62 1.53	29.63 -2.61 1.69	33.10 -2.75 1.84	36.14 -3.28 2.08	38.83 -3.63 2.38	40.63 -3.68 2.26	41.06 -3.93 2.31	41.10 -4.02 4.45	42.82 -4.14 4.81	46.22 -4.61 6.07	53.12 -5.05 7.40	60.42 -5.73 8.32	65.56 -5.37 9.28	63.54 -5.44 9.87	56.95 -4.76 7.21	49.16 -4.26 4.99	44.72 -4.37 2.33	42.77 -3.95 0.86
QUENSBRY_115KV_TB8 356137	53.05 3.61 0.00	42.13 2.83 0.00	37.70 2.60 0.00	33.69 2.38 0.00	33.46 2.33 0.00	33.33 2.24 0.00	33.82 2.30 0.00	36.40 2.48 0.00	40.07 2.37 0.00	44.16 2.66 0.00	47.40 2.56 0.00	49.37 2.79 0.00	50.14 2.84 0.00	52.65 3.07 0.00	55.19 3.42 0.00	60.88 3.98 0.00	70.62 5.05 0.00	80.35 5.88 0.00	87.11 6.90 0.00	85.48 6.62 0.00	74.77 5.86 0.00	63.44 5.02 0.00	55.53 4.11 0.00	51.14 3.57 0.00
RAMAPO___LBMP 323565	51.57 2.13 0.00	41.14 1.85 0.00	36.75 1.65 0.00	33.00 1.69 0.00	32.72 1.59 0.00	32.64 1.55 0.00	33.03 1.51 0.00	35.79 1.87 0.00	39.69 2.00 0.00	43.70 2.20 0.00	47.53 2.69 0.00	49.51 2.93 0.00	50.33 3.03 0.00	52.89 3.32 0.00	55.29 3.52 0.00	60.94 4.04 0.00	70.29 4.72 0.00	79.91 5.44 0.00	85.99 5.78 0.00	83.98 5.13 0.00	72.98 4.07 0.00	61.52 3.10 0.00	54.45 3.03 0.00	50.34 2.76 0.00

RANKINE____ 23646	39.14 -4.85 5.46	26.79 -4.32 8.19	22.48 -3.90 8.73	21.31 -3.23 6.77	20.07 -3.27 7.79	18.84 -3.39 8.86	19.09 -3.44 8.99	20.50 -3.53 9.90	23.18 -3.73 10.78	24.73 -4.57 12.21	25.90 -4.98 13.97	28.82 -4.98 12.77	29.03 -5.20 13.07	29.12 -5.40 15.04	30.17 -5.44 16.16	31.60 -6.20 19.10	36.75 -7.15 21.67	42.49 -7.82 24.16	47.26 -6.90 26.06	45.39 -7.18 26.29	44.32 -6.13 18.46	39.33 -5.26 13.83	35.15 -5.60 10.66	38.99 -4.85 3.73
RAVENSWOOD_GT2_1 24244	52.41 2.97 0.00	41.77 2.48 0.00	37.32 2.21 0.00	33.53 2.22 0.00	33.21 2.09 0.00	33.16 2.05 -0.02	33.53 2.02 0.00	36.39 2.44 -0.02	40.33 2.64 0.00	51.51 2.91 -7.10	57.35 3.50 -9.01	58.96 3.73 -8.65	60.75 3.83 -9.62	62.52 4.21 -8.73	65.16 4.45 -8.94	94.05 5.01 -32.14	98.46 5.90 -27.00	99.99 6.78 -18.74	101.88 7.14 -14.53	85.65 6.47 -0.33	74.10 5.17 -0.02	62.53 4.09 -0.02	60.33 3.91 -5.01	54.72 3.62 -3.53
RAVENSWOOD_GT2_2 24245	52.41 2.97 0.00	41.77 2.48 0.00	37.32 2.21 0.00	33.53 2.22 0.00	33.21 2.09 0.00	33.16 2.05 -0.02	33.53 2.02 0.00	36.39 2.44 -0.02	40.33 2.64 0.00	51.51 2.91 -7.10	57.35 3.50 -9.01	58.96 3.73 -8.65	60.75 3.83 -9.62	62.52 4.21 -8.73	65.16 4.45 -8.94	94.05 5.01 -32.14	98.46 5.90 -27.00	99.99 6.78 -18.74	101.88 7.14 -14.53	85.65 6.47 -0.33	74.10 5.17 -0.02	62.53 4.09 -0.02	60.33 3.91 -5.01	54.72 3.62 -3.53
RAVENSWOOD_GT2_3 24246	52.41 2.97 0.00	41.77 2.48 0.00	37.32 2.21 0.00	33.53 2.22 0.00	33.25 2.12 0.00	33.19 2.08 -0.02	33.56 2.05 0.00	36.39 2.44 -0.02	40.33 2.64 0.00	51.51 2.91 -7.10	57.35 3.50 -9.01	59.00 3.77 -8.65	60.80 3.88 -9.62	62.57 4.26 -8.73	65.16 4.45 -8.94	94.10 5.06 -32.14	98.46 5.90 -27.00	99.99 6.78 -18.74	101.96 7.22 -14.53	85.73 6.54 -0.33	74.17 5.24 -0.02	62.58 4.15 -0.02	60.38 3.96 -5.01	54.77 3.66 -3.53
RAVENSWOOD_GT2_4 24247	52.41 2.97 0.00	41.77 2.48 0.00	37.32 2.21 0.00	33.53 2.22 0.00	33.25 2.12 0.00	33.19 2.08 -0.02	33.56 2.05 0.00	36.39 2.44 -0.02	40.33 2.64 0.00	51.51 2.91 -7.10	57.35 3.50 -9.01	59.00 3.77 -8.65	60.80 3.88 -9.62	62.57 4.26 -8.73	65.16 4.45 -8.94	94.10 5.06 -32.14	98.46 5.90 -27.00	99.99 6.78 -18.74	101.96 7.22 -14.53	85.73 6.54 -0.33	74.17 5.24 -0.02	62.58 4.15 -0.02	60.38 3.96 -5.01	54.77 3.66 -3.53
RAVENSWOOD_GT3_1 24248	52.41 2.97 0.00	41.77 2.48 0.00	37.32 2.21 0.00	33.53 2.22 0.00	33.21 2.09 0.00	33.16 2.05 -0.02	33.53 2.02 0.00	36.39 2.44 -0.02	40.33 2.64 0.00	51.51 2.91 -7.10	57.35 3.50 -9.01	58.96 3.73 -8.65	60.75 3.83 -9.62	62.52 4.21 -8.73	65.16 4.45 -8.94	94.05 5.01 -32.14	98.46 5.90 -27.00	99.99 6.78 -18.74	101.88 7.14 -14.53	85.65 6.47 -0.33	74.17 5.24 -0.02	62.53 4.09 -0.02	60.33 3.91 -5.01	54.77 3.66 -3.53
RAVENSWOOD_GT3_2 24249	52.41 2.97 0.00	41.77 2.48 0.00	37.32 2.21 0.00	33.53 2.22 0.00	33.21 2.09 0.00	33.16 2.05 -0.02	33.53 2.02 0.00	36.39 2.44 -0.02	40.33 2.64 0.00	51.51 2.91 -7.10	57.35 3.50 -9.01	58.96 3.73 -8.65	60.75 3.83 -9.62	62.52 4.21 -8.73	65.16 4.45 -8.94	94.05 5.01 -32.14	98.46 5.90 -27.00	99.99 6.78 -18.74	101.88 7.14 -14.53	85.65 6.47 -0.33	74.17 5.24 -0.02	62.53 4.09 -0.02	60.33 3.91 -5.01	54.77 3.66 -3.53
RAVENSWOOD_GT3_3 24250	52.46 3.02 0.00	41.81 2.51 0.00	37.35 2.25 0.00	33.57 2.25 0.00	33.28 2.15 0.00	33.22 2.11 -0.02	33.60 2.08 0.00	36.42 2.48 -0.02	40.41 2.71 0.00	51.55 2.95 -7.10	57.44 3.59 -9.01	59.05 3.82 -8.65	60.85 3.93 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.59 6.03 -27.00	100.14 6.93 -18.74	102.12 7.38 -14.53	85.88 6.70 -0.33	74.31 5.38 -0.02	62.64 4.21 -0.02	60.44 4.01 -5.01	54.81 3.71 -3.53
RAVENSWOOD_GT3_4 24251	52.46 3.02 0.00	41.81 2.51 0.00	37.35 2.25 0.00	33.57 2.25 0.00	33.28 2.15 0.00	33.22 2.11 -0.02	33.60 2.08 0.00	36.42 2.48 -0.02	40.41 2.71 0.00	51.55 2.95 -7.10	57.44 3.59 -9.01	59.05 3.82 -8.65	60.85 3.93 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.59 6.03 -27.00	100.14 6.93 -18.74	102.12 7.38 -14.53	85.88 6.70 -0.33	74.31 5.38 -0.02	62.64 4.21 -0.02	60.44 4.01 -5.01	54.81 3.71 -3.53
RAVENSWOOD_GT_1 23729	52.51 3.07 0.00	41.89 2.59 0.00	37.42 2.32 0.00	33.60 2.29 0.00	33.31 2.18 0.00	33.25 2.15 -0.02	33.66 2.14 0.00	36.49 2.54 -0.02	40.41 2.71 0.00	51.60 2.99 -7.10	57.44 3.59 -9.01	59.00 3.77 -8.65	60.80 3.88 -9.62	62.52 4.21 -8.73	65.16 4.45 -8.94	93.93 4.89 -32.14	98.27 5.70 -27.00	99.76 6.55 -18.74	101.72 6.98 -14.53	85.49 6.31 -0.33	73.96 5.03 -0.02	62.58 4.15 -0.02	60.44 4.01 -5.01	54.86 3.76 -3.53
RAVENSWOOD_GT_10 24258	52.41 2.97 0.00	41.77 2.48 0.00	37.32 2.21 0.00	33.53 2.22 0.00	33.21 2.09 0.00	33.16 2.05 -0.02	33.53 2.02 0.00	36.39 2.44 -0.02	40.33 2.64 0.00	51.51 2.91 -7.10	57.35 3.50 -9.01	58.96 3.73 -8.65	60.75 3.83 -9.62	62.52 4.21 -8.73	65.16 4.45 -8.94	94.05 5.01 -32.14	98.46 5.90 -27.00	99.99 6.78 -18.74	101.96 7.22 -14.53	85.73 6.54 -0.33	74.17 5.24 -0.02	62.53 4.09 -0.02	60.33 3.91 -5.01	54.77 3.66 -3.53
RAVENSWOOD_GT_11 24259	52.41 2.97 0.00	41.77 2.48 0.00	37.32 2.21 0.00	33.53 2.22 0.00	33.21 2.09 0.00	33.16 2.05 -0.02	33.53 2.02 0.00	36.39 2.44 -0.02	40.33 2.64 0.00	51.51 2.91 -7.10	57.35 3.50 -9.01	58.96 3.73 -8.65	60.75 3.83 -9.62	62.52 4.21 -8.73	65.16 4.45 -8.94	94.05 5.01 -32.14	98.46 5.90 -27.00	99.99 6.78 -18.74	101.96 7.22 -14.53	85.73 6.54 -0.33	74.17 5.24 -0.02	62.53 4.09 -0.02	60.33 3.91 -5.01	54.77 3.66 -3.53
RAVENSWOOD_GT_4 24252	52.41 2.97 0.00	41.77 2.48 0.00	37.31 2.21 0.00	33.53 2.22 0.00	33.24 2.12 0.00	33.19 2.08 -0.01	33.56 2.05 0.00	36.39 2.44 -0.01	40.33 2.64 0.00	51.51 2.91 -7.10	57.34 3.50 -9.00	58.96 3.73 -8.65	60.75 3.83 -9.62	62.52 4.21 -8.73	65.11 4.40 -8.94	93.99 4.95 -32.14	98.33 5.77 -27.00	99.85 6.63 -18.75	101.80 7.06 -14.53	85.57 6.39 -0.33	74.03 5.10 -0.02	62.53 4.09 -0.02	60.38 3.96 -5.01	54.76 3.66 -3.53
RAVENSWOOD_GT_5 24254	52.41 2.97 0.00	41.77 2.48 0.00	37.31 2.21 0.00	33.53 2.22 0.00	33.24 2.12 0.00	33.19 2.08 -0.01	33.56 2.05 0.00	36.39 2.44 -0.01	40.33 2.64 0.00	51.51 2.91 -7.10	57.34 3.50 -9.00	58.96 3.73 -8.65	60.75 3.83 -9.62	62.52 4.21 -8.73	65.11 4.40 -8.94	93.99 4.95 -32.14	98.33 5.77 -27.00	99.85 6.63 -18.75	101.80 7.06 -14.53	85.57 6.39 -0.33	74.03 5.10 -0.02	62.53 4.09 -0.02	60.38 3.96 -5.01	54.76 3.66 -3.53
RAVENSWOOD_GT_6 24253	52.41 2.97 0.00	41.77 2.48 0.00	37.31 2.21 0.00	33.53 2.22 0.00	33.24 2.12 0.00	33.19 2.08 -0.01	33.56 2.05 0.00	36.39 2.44 -0.01	40.33 2.64 0.00	51.51 2.91 -7.10	57.34 3.50 -9.00	58.96 3.73 -8.65	60.75 3.83 -9.62	62.52 4.21 -8.73	65.11 4.40 -8.94	93.99 4.95 -32.14	98.33 5.77 -27.00	99.85 6.63 -18.75	101.80 7.06 -14.53	85.57 6.39 -0.33	74.03 5.10 -0.02	62.53 4.09 -0.02	60.38 3.96 -5.01	54.76 3.66 -3.53

RAVENSWOOD_GT_7 24255	52.41 2.97 0.00	41.77 2.48 0.00	37.31 2.21 0.00	33.53 2.22 0.00	33.24 2.12 0.00	33.19 2.08 -0.01	33.56 2.05 0.00	36.39 2.44 -0.01	40.33 2.64 0.00	51.51 2.91 -7.10	57.34 3.50 -9.00	58.96 3.73 -8.65	60.75 3.83 -9.62	62.52 4.21 -8.73	65.11 4.40 -8.94	93.99 4.95 -32.14	98.33 5.77 -27.00	99.85 6.63 -18.75	101.80 7.06 -14.53	85.57 6.39 -0.33	74.03 5.10 -0.02	62.53 4.09 -0.02	60.38 3.96 -5.01	54.76 3.66 -3.53
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	52.41 2.97 0.00	41.77 2.48 0.00	37.32 2.21 0.00	33.53 2.22 0.00	33.21 2.09 0.00	33.16 2.05 -0.02	33.53 2.02 0.00	36.39 2.44 -0.02	40.33 2.64 0.00	51.51 2.91 -7.10	57.35 3.50 -9.01	58.96 3.73 -8.65	60.75 3.83 -9.62	62.52 4.21 -8.73	65.16 4.45 -8.94	94.05 5.01 -32.14	98.46 5.90 -27.00	99.99 6.78 -18.74	101.96 7.22 -14.53	85.73 6.54 -0.33	74.17 5.24 -0.02	62.53 4.09 -0.02	60.33 3.91 -5.01	54.77 3.66 -3.53
RAVENSWOOD_GT_9 24257	52.41 2.97 0.00	41.77 2.48 0.00	37.32 2.21 0.00	33.53 2.22 0.00	33.21 2.09 0.00	33.16 2.05 -0.02	33.53 2.02 0.00	36.39 2.44 -0.02	40.33 2.64 0.00	51.51 2.91 -7.10	57.35 3.50 -9.01	58.96 3.73 -8.65	60.75 3.83 -9.62	62.52 4.21 -8.73	65.16 4.45 -8.94	94.05 5.01 -32.14	98.46 5.90 -27.00	99.99 6.78 -18.74	101.96 7.22 -14.53	85.73 6.54 -0.33	74.17 5.24 -0.02	62.53 4.09 -0.02	60.33 3.91 -5.01	54.77 3.66 -3.53
RAVENSWOOD___1 23533	52.47 3.02 -0.01	41.90 2.59 -0.01	37.39 2.28 -0.01	33.60 2.28 -0.01	33.28 2.15 -0.01	33.22 2.12 -0.02	33.64 2.11 -0.01	36.35 2.41 -0.02	40.37 2.68 0.00	51.55 2.95 -7.10	57.44 3.59 -9.01	58.96 3.73 -8.65	60.75 3.83 -9.62	62.52 4.21 -8.73	65.11 4.40 -8.94	93.93 4.89 -32.14	98.20 5.64 -27.00	99.53 6.33 -18.74	101.55 6.81 -14.53	85.49 6.31 -0.33	73.89 4.96 -0.02	62.70 4.26 -0.02	60.23 3.80 -5.01	54.82 3.71 -3.53
RAVENSWOOD___2 23534	52.37 2.92 -0.01	41.78 2.48 -0.01	37.33 2.21 -0.01	33.54 2.22 -0.01	33.22 2.09 -0.01	33.16 2.05 -0.02	33.57 2.05 -0.01	36.28 2.34 -0.02	40.26 2.56 0.00	51.43 2.82 -7.10	57.35 3.50 -9.01	58.86 3.64 -8.65	60.66 3.74 -9.62	62.42 4.11 -8.73	65.00 4.29 -8.94	93.59 4.55 -32.14	97.68 5.12 -27.00	98.94 5.73 -18.74	101.00 6.26 -14.53	84.93 5.75 -0.33	73.55 4.62 -0.02	62.59 4.15 -0.02	60.18 3.75 -5.01	54.82 3.71 -3.53
RAVENSWOOD___3 23535	52.42 2.97 -0.01	41.78 2.48 -0.01	37.33 2.21 -0.01	33.54 2.22 -0.01	33.22 2.09 -0.01	33.16 2.05 -0.02	33.54 2.02 -0.01	36.28 2.34 -0.02	40.29 2.60 0.00	51.47 2.86 -7.10	57.39 3.54 -9.01	58.96 3.73 -8.65	60.80 3.88 -9.62	62.52 4.21 -8.73	65.16 4.45 -8.94	94.10 5.06 -32.14	98.47 5.90 -27.00	99.84 6.63 -18.74	101.80 7.06 -14.53	85.72 6.54 -0.33	74.10 5.17 -0.02	62.65 4.21 -0.02	60.18 3.75 -5.01	54.77 3.66 -3.53
RAVENSWOOD___4 23820	52.42 2.97 -0.01	41.86 2.55 -0.01	37.36 2.25 -0.01	33.57 2.26 -0.01	33.28 2.15 -0.01	33.22 2.12 -0.01	33.60 2.08 -0.01	36.32 2.37 -0.01	40.33 2.64 0.00	51.51 2.90 -7.10	57.39 3.54 -9.00	58.96 3.73 -8.65	60.75 3.83 -9.62	62.47 4.16 -8.73	65.11 4.40 -8.94	93.87 4.83 -32.14	98.20 5.64 -27.00	99.46 6.26 -18.73	101.48 6.74 -14.53	85.41 6.23 -0.33	73.89 4.96 -0.02	62.65 4.21 -0.02	60.18 3.75 -5.01	54.82 3.71 -3.53
RCPL_TRUST___DRP 24196	52.46 3.02 0.00	41.81 2.51 0.00	37.35 2.25 0.00	33.53 2.22 0.00	33.25 2.12 0.00	33.19 2.08 -0.02	33.56 2.05 0.00	36.42 2.48 -0.02	40.41 2.71 0.00	51.44 2.99 -6.95	57.24 3.59 -8.80	58.90 3.87 -8.46	60.68 3.97 -9.40	62.47 4.36 -8.54	65.12 4.61 -8.74	93.50 5.18 -31.42	98.06 6.10 -26.39	99.80 7.00 -18.33	101.87 7.46 -14.20	85.88 6.70 -0.32	74.30 5.38 -0.02	62.64 4.21 -0.02	60.38 4.06 -4.89	54.74 3.71 -3.45
RED___ROCHESTER 323720	45.43 -3.11 0.90	35.08 -2.87 1.35	31.10 -2.56 1.44	28.10 -2.10 1.12	27.79 -2.06 1.28	27.45 -2.18 1.46	27.89 -2.14 1.48	30.46 -1.83 1.63	33.92 -2.00 1.78	37.00 -2.49 2.01	39.54 -3.00 2.30	41.59 -2.79 2.19	41.89 -3.17 2.24	42.01 -3.17 4.39	43.83 -3.21 4.73	47.43 -3.47 5.99	54.58 -3.67 7.31	62.90 -3.35 8.22	67.34 -3.69 9.18	65.29 -3.78 9.78	58.53 -3.24 7.15	50.79 -2.69 4.94	46.57 -2.57 2.28	43.55 -3.19 0.84
REGAN___SOLAR 323812	52.21 2.77 0.00	41.46 2.16 0.00	37.07 1.96 0.00	33.16 1.85 0.00	32.90 1.77 0.00	32.80 1.71 0.00	33.09 1.58 0.00	35.29 1.36 0.00	38.71 1.02 0.00	42.25 0.75 0.00	45.42 0.58 0.00	47.23 0.65 0.00	48.01 0.71 0.00	50.41 0.84 0.00	52.91 1.14 0.00	58.32 1.42 0.00	67.53 1.97 0.00	77.45 2.98 0.00	84.46 4.25 0.00	83.66 4.81 0.00	73.33 4.41 0.00	62.16 3.74 0.00	54.50 3.08 0.00	50.33 2.76 0.00
RENSSELAER___COGEN 23796	50.28 0.84 0.00	40.20 0.90 0.00	36.19 1.09 0.00	32.38 1.07 0.00	32.12 1.00 0.00	32.05 0.96 0.00	32.46 0.94 0.00	34.98 1.05 0.00	38.49 0.79 0.00	42.16 0.66 0.00	45.79 0.94 0.00	47.41 0.84 0.00	48.30 0.99 0.00	50.71 1.14 0.00	53.01 1.24 0.00	58.38 1.48 0.00	67.08 1.51 0.00	75.81 1.34 0.00	81.66 1.45 0.00	80.19 1.34 0.00	70.16 1.24 0.00	59.59 1.17 0.00	52.39 0.97 0.00	48.53 0.95 0.00
REPUBLIC_115KV_BARTNBRK 55605	55.38 5.93 0.00	43.93 4.64 0.00	39.32 4.21 0.00	35.10 3.79 0.00	34.86 3.74 0.00	34.69 3.61 0.00	35.17 3.66 0.00	37.76 3.83 0.00	41.42 3.73 0.00	45.74 4.23 0.00	49.10 4.26 0.00	51.23 4.66 0.00	51.94 4.64 0.00	54.58 5.01 0.00	57.31 5.54 0.00	63.39 6.49 0.00	73.57 8.00 0.00	84.08 9.61 0.00	91.52 11.31 0.00	90.05 11.20 0.00	78.70 9.79 0.00	66.72 8.30 0.00	58.16 6.74 0.00	53.43 5.85 0.00
REVERE_CPPR_DRP 24186	50.63 1.19 0.00	40.12 0.83 0.00	35.91 0.81 0.00	32.06 0.75 0.00	31.81 0.68 0.00	31.68 0.59 0.00	32.02 0.50 0.00	34.61 0.68 0.00	38.45 0.75 0.00	42.08 0.58 0.00	45.43 0.58 0.00	47.18 0.61 0.00	47.96 0.66 0.00	49.63 0.40 0.34	51.86 0.47 0.38	56.96 0.57 0.50	65.75 0.85 0.67	75.13 1.19 0.53	81.31 1.93 0.83	80.00 2.13 0.98	70.17 2.00 0.74	59.52 1.58 0.48	52.42 1.08 0.08	48.44 0.90 0.04
REYNLDDPA_13_KV_LD 356490	49.79 0.35 0.00	39.41 0.12 0.00	35.07 -0.04 0.00	31.12 -0.19 0.00	31.00 -0.12 0.00	31.03 -0.06 0.00	31.52 0.00 0.00	33.83 -0.10 0.00	37.69 0.00 0.00	41.67 0.17 0.00	44.98 0.13 0.00	46.62 0.05 0.00	47.30 0.00 0.00	49.47 -0.10 0.00	51.57 -0.21 0.00	55.99 -0.91 0.00	64.52 -1.05 0.00	73.28 -1.19 0.00	78.92 -1.29 0.00	77.75 -1.10 0.00	67.95 -0.96 0.00	57.55 -0.87 0.00	51.37 -0.05 0.00	47.62 0.05 0.00
REYNOLDS_115KV_TB3 80639	50.78 1.33 0.00	40.51 1.22 0.00	36.40 1.30 0.00	32.56 1.25 0.00	32.34 1.21 0.00	32.27 1.18 0.00	32.68 1.17 0.00	35.25 1.32 0.00	38.82 1.13 0.00	42.62 1.12 0.00	46.14 1.30 0.00	47.92 1.35 0.00	48.77 1.47 0.00	51.21 1.64 0.00	53.53 1.76 0.00	58.89 1.99 0.00	67.67 2.10 0.00	76.70 2.23 0.00	82.46 2.25 0.00	80.75 1.89 0.00	70.84 1.93 0.00	60.17 1.75 0.00	53.01 1.59 0.00	48.91 1.33 0.00

RIVERBAY____ 323610	53.20 3.76 0.00	42.52 3.22 0.00	37.95 2.84 0.00	34.00 2.69 0.00	33.71 2.58 0.00	33.62 2.52 -0.02	34.13 2.62 0.00	36.90 2.95 -0.02	40.86 3.17 0.00	52.05 3.44 -7.10	57.97 4.13 -9.01	51.19 4.33 -0.28	52.11 4.49 -0.31	54.76 4.91 -0.28	65.89 5.18 -8.94	94.79 5.75 -32.14	99.32 6.75 -27.00	101.03 7.82 -18.74	103.16 8.42 -14.53	86.91 7.73 -0.33	75.13 6.20 -0.02	63.52 5.08 -0.02	56.38 4.78 -0.18	55.58 4.47 -3.53
RIVERSIDE_115KV_TB3 55908	50.58 1.14 0.00	40.40 1.10 0.00	36.33 1.23 0.00	32.50 1.19 0.00	32.25 1.12 0.00	32.18 1.09 0.00	32.59 1.07 0.00	35.18 1.26 0.00	38.67 0.98 0.00	42.50 1.00 0.00	46.01 1.17 0.00	47.74 1.16 0.00	48.58 1.28 0.00	51.01 1.44 0.00	53.33 1.55 0.00	58.72 1.82 0.00	67.47 1.90 0.00	76.48 2.01 0.00	82.22 2.01 0.00	80.59 1.73 0.00	70.57 1.65 0.00	60.00 1.58 0.00	52.81 1.39 0.00	48.77 1.19 0.00
ROARING____BROOK_WT_PWR 323790	49.00 -0.45 0.00	38.86 -0.43 0.00	34.68 -0.42 0.00	30.90 -0.41 0.00	30.72 -0.41 0.00	30.72 -0.37 0.00	31.14 -0.38 0.00	33.49 -0.44 0.00	37.16 -0.53 0.00	40.88 -0.62 0.00	44.08 -0.76 0.00	45.74 -0.84 0.00	46.36 -0.95 0.00	48.48 -1.09 0.00	50.53 -1.24 0.00	55.48 -1.42 0.00	63.99 -1.57 0.00	72.76 -1.71 0.00	78.44 -1.77 0.00	77.19 -1.66 0.00	67.46 -1.45 0.00	57.25 -1.17 0.00	50.50 -0.92 0.00	46.77 -0.81 0.00
ROCHESRG_115KV_T4 355643	44.63 -3.76 1.05	34.42 -3.30 1.58	30.47 -2.95 1.68	27.59 -2.41 1.31	27.23 -2.40 1.50	26.86 -2.52 1.71	27.26 -2.52 1.73	29.51 -2.51 1.91	32.97 -2.64 2.08	35.95 -3.20 2.36	38.61 -3.54 2.69	40.43 -3.59 2.55	40.86 -3.83 2.61	40.86 -3.92 4.80	42.61 -3.99 5.17	45.95 -4.44 6.51	52.75 -4.92 7.90	60.08 -5.51 8.88	65.36 -4.97 9.88	63.25 -5.13 10.48	56.87 -4.41 7.64	49.14 -3.97 5.31	44.62 -4.22 2.58	42.88 -3.76 0.94
ROCHESTER_9_IC 23652	45.24 -3.36 0.84	35.01 -3.03 1.26	31.06 -2.70 1.34	28.08 -2.19 1.04	27.75 -2.18 1.20	27.43 -2.30 1.36	27.83 -2.30 1.38	30.17 -2.24 1.52	33.74 -2.30 1.66	36.84 -2.78 1.88	39.60 -3.09 2.15	41.41 -3.12 2.05	41.85 -3.36 2.09	41.93 -3.42 4.22	43.69 -3.52 4.56	47.19 -3.93 5.78	54.29 -4.20 7.08	61.74 -4.77 7.96	67.14 -4.17 8.90	65.02 -4.34 9.50	58.24 -3.72 6.95	50.24 -3.39 4.79	45.51 -3.75 2.16	43.40 -3.38 0.80
ROCKVIEW_13_KV_LD 356306	52.26 2.82 0.00	41.61 2.32 0.00	37.18 2.07 0.00	33.41 2.10 0.00	33.12 1.99 0.00	33.05 1.96 0.00	33.44 1.92 0.00	36.27 2.34 0.00	40.22 2.53 0.00	44.32 2.82 0.00	48.30 3.45 0.00	50.25 3.68 0.00	51.13 3.83 0.00	53.83 4.26 0.00	56.28 4.50 0.00	62.08 5.18 0.00	71.67 6.10 0.00	81.55 7.07 0.00	87.75 7.54 0.00	85.64 6.78 0.00	74.29 5.38 0.00	62.63 4.21 0.00	55.38 3.96 0.00	51.24 3.66 0.00
ROME____115KV_TB2 80656	50.63 1.19 0.00	40.12 0.83 0.00	35.91 0.81 0.00	32.06 0.75 0.00	31.81 0.68 0.00	31.68 0.59 0.00	32.02 0.50 0.00	34.61 0.68 0.00	38.45 0.75 0.00	42.08 0.58 0.00	45.43 0.58 0.00	47.18 0.61 0.00	47.96 0.66 0.00	49.63 0.40 0.34	51.86 0.47 0.38	56.96 0.57 0.50	65.75 0.85 0.67	75.13 1.19 0.53	81.31 1.93 0.83	80.00 2.13 0.98	70.17 2.00 0.74	59.52 1.58 0.48	52.42 1.08 0.08	48.44 0.90 0.04
ROSETON____1 23587	51.62 2.17 0.00	41.14 1.85 0.00	36.75 1.65 0.00	33.00 1.69 0.00	32.72 1.59 0.00	32.64 1.55 0.00	33.03 1.51 0.00	35.69 1.76 0.00	39.65 1.96 0.00	43.62 2.12 0.00	47.53 2.69 0.00	49.42 2.84 0.00	50.23 2.93 0.00	52.75 3.18 0.00	55.14 3.36 0.00	60.77 3.87 0.00	70.09 4.52 0.00	79.46 4.99 0.00	85.50 5.29 0.00	83.74 4.89 0.00	72.77 3.86 0.00	61.51 3.09 0.00	54.19 2.77 0.00	50.33 2.76 0.00
ROSETON____2 23588	51.62 2.17 0.00	41.14 1.85 0.00	36.75 1.65 0.00	33.00 1.69 0.00	32.72 1.59 0.00	32.64 1.55 0.00	33.03 1.51 0.00	35.69 1.76 0.00	39.65 1.96 0.00	43.62 2.12 0.00	47.53 2.69 0.00	49.42 2.84 0.00	50.23 2.93 0.00	52.75 3.18 0.00	55.14 3.36 0.00	60.77 3.87 0.00	70.09 4.52 0.00	79.46 4.99 0.00	85.50 5.29 0.00	83.74 4.89 0.00	72.77 3.86 0.00	61.51 3.09 0.00	54.19 2.77 0.00	50.33 2.76 0.00
ROTTDRAM_115KV_TB3 80664	50.83 1.38 0.00	40.48 1.18 0.00	36.19 1.09 0.00	32.38 1.06 0.00	32.12 1.00 0.00	32.05 0.96 0.00	32.49 0.98 0.00	34.98 1.05 0.00	38.67 0.98 0.00	42.50 1.00 0.00	45.92 1.08 0.00	47.69 1.12 0.00	48.48 1.18 0.00	50.91 1.34 0.00	53.22 1.45 0.00	58.61 1.71 0.00	67.53 1.97 0.00	76.70 2.23 0.00	82.70 2.49 0.00	81.14 2.29 0.00	71.05 2.14 0.00	60.29 1.87 0.00	53.06 1.65 0.00	49.00 1.43 0.00
RUSSELL____1 23602	45.43 -3.12 0.90	35.08 -2.87 1.35	31.10 -2.56 1.44	28.10 -2.10 1.12	27.79 -2.05 1.28	27.45 -2.18 1.46	27.83 -2.21 1.48	30.19 -2.10 1.63	33.81 -2.11 1.78	36.92 -2.57 2.01	39.72 -2.83 2.30	41.49 -2.89 2.19	41.94 -3.12 2.24	42.01 -3.17 4.39	43.83 -3.21 4.73	47.32 -3.58 5.99	54.52 -3.74 7.31	61.93 -4.32 8.22	67.26 -3.77 9.18	65.13 -3.94 9.78	58.46 -3.31 7.15	50.44 -3.04 4.94	45.64 -3.50 2.28	43.60 -3.14 0.84
RUSSELL____2 23532	45.43 -3.12 0.90	35.08 -2.87 1.35	31.10 -2.56 1.44	28.10 -2.10 1.12	27.79 -2.05 1.28	27.45 -2.18 1.46	27.83 -2.21 1.48	30.19 -2.10 1.63	33.81 -2.11 1.78	36.92 -2.57 2.01	39.72 -2.83 2.30	41.49 -2.89 2.19	41.94 -3.12 2.24	42.01 -3.17 4.39	43.83 -3.21 4.73	47.32 -3.58 5.99	54.52 -3.74 7.31	61.93 -4.32 8.22	67.26 -3.77 9.18	65.13 -3.94 9.78	58.46 -3.31 7.15	50.44 -3.04 4.94	45.64 -3.50 2.28	43.60 -3.14 0.84
RUSSELL____3 23549	45.43 -3.12 0.90	35.08 -2.87 1.35	31.10 -2.56 1.44	28.10 -2.10 1.12	27.79 -2.05 1.28	27.45 -2.18 1.46	27.83 -2.21 1.48	30.19 -2.10 1.63	33.81 -2.11 1.78	36.92 -2.57 2.01	39.72 -2.83 2.30	41.49 -2.89 2.19	41.94 -3.12 2.24	42.01 -3.17 4.39	43.83 -3.21 4.73	47.32 -3.58 5.99	54.52 -3.74 7.31	61.93 -4.32 8.22	67.26 -3.77 9.18	65.13 -3.94 9.78	58.46 -3.31 7.15	50.44 -3.04 4.94	45.64 -3.50 2.28	43.60 -3.14 0.84
RUSSELL____4 23556	45.43 -3.12 0.90	35.08 -2.87 1.35	31.10 -2.56 1.44	28.10 -2.10 1.12	27.79 -2.05 1.28	27.45 -2.18 1.46	27.83 -2.21 1.48	30.19 -2.10 1.63	33.81 -2.11 1.78	36.92 -2.57 2.01	39.72 -2.83 2.30	41.49 -2.89 2.19	41.94 -3.12 2.24	42.01 -3.17 4.39	43.83 -3.21 4.73	47.32 -3.58 5.99	54.52 -3.74 7.31	61.93 -4.32 8.22	67.26 -3.77 9.18	65.13 -3.94 9.78	58.46 -3.31 7.15	50.44 -3.04 4.94	45.64 -3.50 2.28	43.60 -3.14 0.84
RUSSELL____STATION 23914	45.43 -3.12 0.90	35.08 -2.87 1.35	31.10 -2.56 1.44	28.10 -2.10 1.12	27.79 -2.05 1.28	27.45 -2.18 1.46	27.83 -2.21 1.48	30.19 -2.10 1.63	33.81 -2.11 1.78	36.92 -2.57 2.01	39.72 -2.83 2.30	41.49 -2.89 2.19	41.94 -3.12 2.24	42.01 -3.17 4.39	43.83 -3.21 4.73	47.32 -3.58 5.99	54.52 -3.74 7.31	61.93 -4.32 8.22	67.26 -3.77 9.18	65.13 -3.94 9.78	58.46 -3.31 7.15	50.44 -3.04 4.94	45.64 -3.50 2.28	43.60 -3.14 0.84

S SALMON___HYD 24043	49.00 -0.45 0.00	38.90 -0.39 0.00	34.86 -0.24 0.00	31.12 -0.19 0.00	30.91 -0.22 0.00	30.81 -0.28 0.00	31.17 -0.35 0.00	33.69 -0.24 0.00	37.35 -0.34 0.00	40.92 -0.58 0.00	44.04 -0.81 0.00	45.78 -0.79 0.00	46.50 -0.80 0.00	48.98 -1.09 -0.50	51.25 -1.09 -0.57	56.45 -1.20 -0.75	65.51 -1.05 -1.00	75.77 -0.82 -2.12	81.34 -0.40 -1.53	80.16 -0.16 -1.46	70.02 0.00 -1.11	59.02 -0.12 -0.71	51.08 -0.46 -0.12	47.06 -0.57 -0.06
S.PERRY___115KV_TB1 80734	65.38 -1.73 -17.66	63.99 -1.81 -26.51	61.71 -1.65 -28.26	51.95 -1.28 -21.93	55.06 -1.31 -25.24	58.42 -1.37 -28.70	59.24 -1.39 -29.12	64.68 -1.32 -32.07	70.86 -1.73 -34.91	78.39 -2.66 -39.54	86.84 -3.23 -45.23	83.98 -5.12 -42.53	85.66 -5.16 -43.52	86.60 -5.40 -42.43	90.16 -5.49 -43.88	102.95 -6.03 -52.09	116.19 -6.29 -56.91	131.25 -6.33 -63.11	141.27 -5.21 -66.27	139.04 -4.49 -64.68	109.45 -3.65 -44.19	90.23 -3.33 -35.14	80.98 -4.01 -33.57	57.26 -1.86 -11.54
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.58 -5.59 5.27	26.47 -4.91 7.91	22.28 -4.39 8.44	21.10 -3.66 6.55	19.89 -3.70 7.53	18.70 -3.82 8.57	18.98 -3.84 8.69	20.38 -3.97 9.57	23.05 -4.22 10.42	24.59 -5.10 11.81	25.73 -5.61 13.50	28.95 -5.64 11.98	29.13 -5.91 12.26	29.16 -6.10 14.31	29.84 -6.16 15.77	31.63 -7.06 18.22	36.78 -8.06 20.72	42.34 -9.01 23.12	47.00 -8.10 25.11	45.03 -8.44 25.39	43.82 -7.24 17.86	38.91 -6.25 13.26	34.99 -6.38 10.06	38.47 -5.57 3.54
SAWYER___23_KV_LOAD 55526	38.58 -5.59 5.27	26.47 -4.91 7.91	22.28 -4.39 8.44	21.10 -3.66 6.55	19.89 -3.70 7.53	18.70 -3.82 8.57	18.98 -3.84 8.69	20.38 -3.97 9.57	23.05 -4.22 10.42	24.59 -5.10 11.81	25.73 -5.61 13.50	28.95 -5.64 11.98	29.13 -5.91 12.26	29.16 -6.10 14.31	29.84 -6.16 15.77	31.63 -7.06 18.22	36.78 -8.06 20.72	42.34 -9.01 23.12	47.00 -8.10 25.11	45.03 -8.44 25.39	43.82 -7.24 17.86	38.91 -6.25 13.26	34.99 -6.38 10.06	38.47 -5.57 3.54
SELKIRK___I 23801	50.73 1.28 0.00	40.47 1.18 0.00	36.33 1.23 0.00	32.50 1.19 0.00	32.28 1.15 0.00	32.18 1.09 0.00	32.59 1.07 0.00	35.05 1.12 0.00	38.60 0.90 0.00	42.29 0.79 0.00	45.83 0.99 0.00	47.51 0.93 0.00	48.34 1.04 0.00	50.76 1.19 0.00	53.12 1.34 0.00	58.49 1.59 0.00	67.27 1.70 0.00	76.33 1.86 0.00	82.29 2.08 0.00	80.83 1.97 0.00	70.70 1.79 0.00	60.05 1.63 0.00	52.86 1.44 0.00	48.96 1.38 0.00
SELKIRK___II 23799	50.34 0.89 0.00	40.20 0.90 0.00	36.09 0.98 0.00	32.28 0.97 0.00	32.06 0.93 0.00	31.99 0.90 0.00	32.40 0.88 0.00	34.91 0.98 0.00	38.49 0.79 0.00	42.21 0.70 0.00	45.79 0.94 0.00	47.46 0.88 0.00	48.30 0.99 0.00	50.71 1.14 0.00	53.01 1.24 0.00	58.32 1.42 0.00	67.08 1.51 0.00	75.88 1.41 0.00	81.73 1.52 0.00	80.19 1.34 0.00	70.16 1.24 0.00	59.59 1.17 0.00	52.45 1.03 0.00	48.58 1.00 0.00
SENECA OSWGO___HYD 24041	47.91 -1.53 0.00	38.20 -1.10 0.00	34.19 -0.91 0.00	30.59 -0.72 0.00	30.38 -0.75 0.00	30.31 -0.78 0.00	30.70 -0.82 0.00	33.18 -0.75 0.00	36.75 -0.94 0.00	40.30 -1.20 0.00	43.36 -1.48 0.00	45.13 -1.44 0.00	45.83 -1.47 0.00	49.40 -1.59 -1.41	51.78 -1.61 -1.61	57.26 -1.76 -2.13	66.55 -1.84 -2.82	77.30 -1.86 -4.69	82.32 -1.93 -4.04	81.11 -1.89 -4.14	70.46 -1.58 -3.13	59.03 -1.40 -2.01	50.28 -1.49 -0.35	46.21 -1.52 -0.16
SENECA___115KV_TB3 355854	39.19 -4.80 5.46	26.79 -4.32 8.19	22.52 -3.86 8.73	21.34 -3.19 6.77	20.07 -3.27 7.79	18.84 -3.39 8.86	19.18 -3.34 8.99	20.90 -3.12 9.90	23.33 -3.58 10.78	24.81 -4.48 12.21	25.68 -5.20 13.97	29.01 -4.80 12.77	28.98 -5.25 13.07	29.17 -5.35 15.04	30.22 -5.39 16.16	31.77 -6.03 19.10	37.01 -6.88 21.67	43.98 -6.33 24.16	47.42 -6.74 26.06	45.62 -6.94 26.29	44.53 -5.93 18.46	39.74 -4.85 13.83	36.39 -4.37 10.66	38.94 -4.90 3.73
SENECA___ENERGY 23797	51.58 -0.45 -2.58	42.74 -0.43 -3.87	38.88 -0.35 -4.13	34.30 -0.22 -3.21	34.54 -0.28 -3.69	35.03 -0.25 -4.19	35.49 -0.28 -4.26	38.51 -0.10 -4.69	42.49 -0.30 -5.10	46.62 -0.67 -5.78	50.51 -0.94 -6.61	52.06 -0.75 -6.23	52.97 -0.71 -6.37	55.27 -0.74 -6.44	57.72 -0.72 -6.68	64.20 -0.68 -7.98	73.97 -0.39 -8.80	85.18 0.22 -10.49	91.32 0.64 -10.47	89.63 0.63 -10.15	76.51 0.62 -6.98	64.31 0.41 -5.47	56.34 -0.05 -4.97	48.86 -0.43 -1.72
SHOEMAKER___GT 23640	51.28 1.83 0.00	40.87 1.57 0.00	36.51 1.41 0.00	32.75 1.44 0.00	32.47 1.34 0.00	32.39 1.31 0.00	32.78 1.26 0.00	35.35 1.42 0.00	39.31 1.62 0.00	43.20 1.70 0.00	47.00 2.15 0.00	48.86 2.28 0.00	49.67 2.36 0.00	52.15 2.58 0.00	54.52 2.74 0.00	60.14 3.24 0.00	69.37 3.80 0.00	78.86 4.39 0.00	84.86 4.65 0.00	83.19 4.33 0.00	72.36 3.44 0.00	61.17 2.75 0.00	53.84 2.42 0.00	49.91 2.33 0.00
SHOEMAKR_138KV_BK 111 55601	51.27 1.83 0.00	40.87 1.57 0.00	36.51 1.40 0.00	32.75 1.44 0.00	32.47 1.34 0.00	32.39 1.31 0.00	32.78 1.26 0.00	35.45 1.53 0.00	39.35 1.66 0.00	43.25 1.74 0.00	47.00 2.15 0.00	48.90 2.33 0.00	49.71 2.41 0.00	52.20 2.63 0.00	54.57 2.80 0.00	60.14 3.24 0.00	69.44 3.87 0.00	78.94 4.47 0.00	85.02 4.81 0.00	83.19 4.34 0.00	72.36 3.45 0.00	61.05 2.63 0.00	53.99 2.57 0.00	49.91 2.33 0.00
SHOREHAM_IC_1 23715	53.30 3.86 0.00	42.83 3.54 0.00	38.02 2.91 0.00	34.00 2.69 0.00	33.65 2.52 0.00	33.54 2.46 0.00	34.04 2.52 0.00	36.91 2.99 0.00	41.39 3.70 0.00	45.28 3.78 0.00	49.01 4.17 0.00	52.05 4.52 -0.96	52.28 4.40 -0.57	54.96 5.06 -0.33	60.40 5.08 -3.55	70.68 5.06 -8.71	85.44 6.56 -13.31	93.37 7.37 -11.52	95.42 7.22 -7.99	92.36 6.62 -6.88	81.53 5.17 -7.44	63.15 4.09 -0.64	55.18 3.75 -0.01	52.29 4.71 0.00
SHOREHAM_IC_2 23716	53.30 3.86 0.00	42.83 3.54 0.00	38.02 2.91 0.00	34.00 2.69 0.00	33.65 2.52 0.00	33.54 2.46 0.00	34.04 2.52 0.00	36.91 2.99 0.00	41.39 3.70 0.00	45.28 3.78 0.00	49.01 4.17 0.00	52.05 4.52 -0.96	52.28 4.40 -0.57	54.96 5.06 -0.33	60.40 5.08 -3.55	70.68 5.06 -8.71	85.44 6.56 -13.31	93.37 7.37 -11.52	95.42 7.22 -7.99	92.36 6.62 -6.88	81.53 5.17 -7.44	63.15 4.09 -0.64	55.18 3.75 -0.01	52.29 4.71 0.00
SISSONVILLE____ 23735	49.49 0.05 0.00	39.18 -0.12 0.00	34.86 -0.25 0.00	30.97 -0.34 0.00	30.91 -0.22 0.00	30.90 -0.19 0.00	31.39 -0.13 0.00	33.66 -0.27 0.00	37.50 -0.19 0.00	41.38 -0.12 0.00	44.62 -0.22 0.00	46.25 -0.33 0.00	46.88 -0.43 0.00	48.98 -0.59 0.00	51.00 -0.78 0.00	55.82 -1.08 0.00	64.45 -1.11 0.00	73.35 -1.12 0.00	79.17 -1.04 0.00	78.38 -0.47 0.00	68.50 -0.41 0.00	58.07 -0.35 0.00	51.27 -0.15 0.00	47.58 0.00 0.00
SITHE_IND_GS1 24169	47.47 -1.98 0.00	37.88 -1.41 0.00	33.95 -1.16 0.00	30.34 -0.97 0.00	30.13 -1.00 0.00	30.06 -1.03 0.00	30.48 -1.04 0.00	32.91 -1.02 0.00	36.45 -1.24 0.00	40.01 -1.49 0.00	42.96 -1.88 0.00	44.66 -1.91 0.00	45.36 -1.94 0.00	33.95 -2.03 13.59	34.19 -2.12 15.46	34.19 -2.28 20.43	35.95 -2.56 27.06	36.67 -2.75 35.04	40.76 -2.88 36.57	36.22 -2.84 39.80	36.42 -2.41 30.08	36.99 -2.10 19.33	46.02 -2.01 3.39	44.08 -2.00 1.50

SITHE_IND_GS2 24170	47.47 -1.98 0.00	37.88 -1.41 0.00	33.95 -1.16 0.00	30.34 -0.97 0.00	30.13 -1.00 0.00	30.06 -1.03 0.00	30.48 -1.04 0.00	32.91 -1.02 0.00	36.45 -1.24 0.00	40.01 -1.49 0.00	42.96 -1.88 0.00	44.66 -1.91 0.00	45.36 -1.94 0.00	33.95 -2.03 13.59	34.19 -2.12 15.46	34.19 -2.28 20.43	35.95 -2.56 27.06	36.67 -2.75 35.04	40.76 -2.88 36.57	36.22 -2.84 39.80	36.42 -2.41 30.08	36.99 -2.10 19.33	46.02 -2.01 3.39	44.08 -2.00 1.50
SITHE_IND_GS3 24171	47.47 -1.98 0.00	37.88 -1.41 0.00	33.95 -1.16 0.00	30.34 -0.97 0.00	30.13 -1.00 0.00	30.06 -1.03 0.00	30.48 -1.04 0.00	32.91 -1.02 0.00	36.45 -1.24 0.00	40.01 -1.49 0.00	42.96 -1.88 0.00	44.66 -1.91 0.00	45.36 -1.94 0.00	33.95 -2.03 13.59	34.19 -2.12 15.46	34.19 -2.28 20.43	35.95 -2.56 27.06	36.67 -2.75 35.04	40.76 -2.88 36.57	36.22 -2.84 39.80	36.42 -2.41 30.08	36.99 -2.10 19.33	46.02 -2.01 3.39	44.08 -2.00 1.50
SITHE_IND_GS4 24172	47.47 -1.98 0.00	37.88 -1.41 0.00	33.95 -1.16 0.00	30.34 -0.97 0.00	30.13 -1.00 0.00	30.06 -1.03 0.00	30.48 -1.04 0.00	32.91 -1.02 0.00	36.45 -1.24 0.00	40.01 -1.49 0.00	42.96 -1.88 0.00	44.66 -1.91 0.00	45.36 -1.94 0.00	33.95 -2.03 13.59	34.19 -2.12 15.46	34.19 -2.28 20.43	35.95 -2.56 27.06	36.67 -2.75 35.04	40.76 -2.88 36.57	36.22 -2.84 39.80	36.42 -2.41 30.08	36.99 -2.10 19.33	46.02 -2.01 3.39	44.08 -2.00 1.50
SITHE___BATAVIA 24024	42.40 -4.05 2.99	31.04 -3.77 4.49	26.92 -3.40 4.78	24.84 -2.76 3.71	24.12 -2.74 4.27	23.34 -2.89 4.86	23.75 -2.84 4.93	26.02 -2.48 5.43	28.88 -2.90 5.91	30.99 -3.82 6.69	32.66 -4.53 7.65	35.18 -4.19 7.20	35.16 -4.78 7.37	35.36 -4.76 9.45	36.96 -4.81 10.00	39.32 -5.35 12.23	45.58 -5.84 14.15	53.30 -5.36 15.81	57.33 -5.69 17.19	55.48 -5.75 17.62	51.50 -4.89 12.52	45.39 -3.86 9.18	41.72 -3.44 6.25	41.13 -4.23 2.21
SITHE___INDEPEND 23800	47.47 -1.98 0.00	37.88 -1.41 0.00	33.91 -1.19 0.00	30.34 -0.97 0.00	30.13 -1.00 0.00	30.06 -1.03 0.00	30.48 -1.04 0.00	32.88 -1.05 0.00	36.45 -1.24 0.00	39.88 -1.62 0.00	43.00 -1.84 0.00	44.66 -1.91 0.00	45.36 -1.94 0.00	33.95 -2.03 13.59	34.19 -2.12 15.46	34.13 -2.33 20.43	35.89 -2.62 27.06	36.52 -2.90 35.04	40.67 -2.97 36.57	36.14 -2.92 39.80	36.28 -2.55 30.08	36.93 -2.16 19.33	45.92 -2.11 3.39	44.13 -1.95 1.50
SITHE___MASSENA 23902	49.84 0.39 0.00	39.41 0.12 0.00	35.07 -0.04 0.00	31.16 -0.16 0.00	31.04 -0.09 0.00	31.03 -0.06 0.00	31.55 0.03 0.00	33.83 -0.10 0.00	37.69 0.00 0.00	41.67 0.17 0.00	44.93 0.09 0.00	46.62 0.05 0.00	47.30 0.00 0.00	49.42 -0.15 0.00	51.57 -0.21 0.00	56.44 -0.46 0.00	65.04 -0.53 0.00	73.87 -0.60 0.00	79.65 -0.56 0.00	78.54 -0.31 0.00	68.64 -0.27 0.00	58.19 -0.23 0.00	51.42 0.00 0.00	47.67 0.10 0.00
SITHE___OGDNSBRG 24021	50.38 0.94 0.00	39.81 0.51 0.00	35.42 0.32 0.00	31.44 0.13 0.00	31.35 0.22 0.00	31.31 0.22 0.00	31.80 0.28 0.00	34.03 0.10 0.00	37.81 0.11 0.00	41.71 0.21 0.00	44.89 0.04 0.00	46.53 -0.05 0.00	47.16 -0.14 0.00	49.32 -0.25 0.00	51.41 -0.36 0.00	56.27 -0.63 0.00	65.04 -0.52 0.00	74.10 -0.37 0.00	80.13 -0.08 0.00	79.56 0.71 0.00	69.53 0.62 0.00	58.95 0.53 0.00	52.04 0.62 0.00	48.24 0.67 0.00
SITHE___STERLING 23777	50.23 0.79 0.00	39.85 0.55 0.00	35.66 0.56 0.00	31.88 0.56 0.00	31.63 0.50 0.00	31.52 0.44 0.00	31.89 0.38 0.00	34.47 0.54 0.00	38.18 0.49 0.00	41.88 0.37 0.00	45.16 0.32 0.00	46.99 0.42 0.00	47.77 0.47 0.00	49.41 0.25 0.42	51.61 0.31 0.47	56.68 0.40 0.62	65.40 0.66 0.83	74.75 0.97 0.69	80.70 1.52 1.03	79.30 1.66 1.22	69.51 1.51 0.92	59.06 1.23 0.59	52.09 0.77 0.10	48.15 0.62 0.05
SLEIGHT__34_KV_TB1 80719	46.82 -2.62 0.00	37.02 -2.28 0.00	33.10 -2.00 0.00	29.68 -1.63 0.00	29.51 -1.62 0.00	29.41 -1.68 0.00	29.78 -1.73 0.00	32.27 -1.66 0.00	35.92 -1.77 0.00	39.30 -2.20 0.00	42.42 -2.42 0.00	44.13 -2.42 0.02	44.73 -2.55 0.02	45.21 -2.68 1.69	47.13 -3.02 1.90	51.35 -3.21 2.53	59.00 -3.50 3.35	67.30 -3.21 3.67	72.86 -2.97 4.38	70.86 -3.08 4.92	62.51 -2.69 3.72	53.52 -2.51 2.39	48.11 -2.88 0.43	44.77 -2.62 0.19
SOUTH CAIRO___GT 23612	52.21 2.77 0.00	41.50 2.20 0.00	37.25 2.14 0.00	33.35 2.04 0.00	33.03 1.90 0.00	32.92 1.83 0.00	33.28 1.76 0.00	35.66 1.73 0.00	39.24 1.55 0.00	42.95 1.45 0.00	46.46 1.61 0.00	48.11 1.54 0.00	48.96 1.66 0.00	51.41 1.83 0.00	53.90 2.12 0.00	59.57 2.67 0.00	68.71 3.15 0.00	78.72 4.24 0.00	85.26 5.05 0.00	83.74 4.89 0.00	73.26 4.34 0.00	62.10 3.68 0.00	54.50 3.09 0.00	50.19 2.62 0.00
SOUTH HAMPTN___IC 23720	53.64 4.20 0.00	43.15 3.85 0.00	38.19 3.09 0.00	34.13 2.82 0.00	33.71 2.58 0.00	33.58 2.49 0.00	34.07 2.55 0.00	36.98 3.05 0.00	41.58 3.88 0.00	45.57 4.07 0.00	49.46 4.62 -0.96	52.56 5.03 -0.57	52.89 5.01 -0.33	55.70 5.80 -0.33	61.23 5.85 -3.61	71.29 6.03 -8.36	86.04 7.67 -12.80	94.27 8.63 -11.16	96.45 8.42 -7.82	93.35 7.73 -6.76	82.05 5.93 -7.20	63.64 4.56 -0.66	55.44 4.01 -0.01	52.48 4.90 0.00
SOUTHDOW__115KV_TB1 355954	42.00 -4.30 3.14	30.57 -4.01 4.72	26.46 -3.62 5.03	24.37 -3.04 3.90	23.49 -3.14 4.49	22.72 -3.26 5.11	23.03 -3.31 5.18	24.90 -3.32 5.71	28.01 -3.47 6.21	30.36 -4.11 7.03	32.36 -4.44 8.05	35.13 -4.19 7.26	35.43 -4.45 7.43	35.76 -4.61 9.20	37.03 -4.71 10.03	39.77 -5.29 11.84	45.79 -6.16 13.62	52.71 -6.55 15.21	59.02 -4.65 16.54	56.85 -5.13 16.88	52.75 -4.20 11.96	45.60 -4.03 8.79	40.72 -4.47 6.22	41.48 -3.90 2.20
SOUTHOLD_69_KV_BK 2 55809	53.94 4.50 0.00	43.15 3.85 0.00	38.37 3.26 0.00	34.13 2.82 0.00	33.71 2.58 0.00	33.54 2.46 0.00	34.04 2.52 0.00	37.08 3.16 0.00	41.73 4.03 0.00	45.24 3.74 0.00	49.60 4.75 -0.96	52.84 5.31 -0.57	53.22 5.35 -0.33	56.20 6.30 -3.61	61.80 6.42 -8.37	71.93 6.66 -12.81	86.97 8.59 -12.81	95.32 9.68 -11.17	97.50 9.46 -7.82	94.13 8.52 -6.76	82.53 6.41 -7.21	63.76 4.67 -0.66	56.31 4.88 -0.01	52.33 4.76 0.00
SOUTHOLD___IC 23719	53.94 4.50 0.00	43.38 4.09 0.00	38.33 3.23 0.00	34.13 2.82 0.00	33.68 2.55 0.00	33.54 2.46 0.00	34.04 2.52 0.00	36.98 3.05 0.00	41.65 3.96 0.00	45.69 4.19 0.00	49.69 4.84 -0.96	52.84 5.31 -0.57	53.22 5.34 -0.33	56.20 6.30 -3.61	61.80 6.42 -8.37	71.98 6.71 -12.81	86.96 8.59 -12.81	95.25 9.61 -11.17	97.33 9.30 -7.82	94.14 8.52 -6.76	82.53 6.41 -7.21	63.87 4.79 -0.66	55.54 4.12 -0.01	52.48 4.90 0.00
SOUTH_FORK_WT_PWR 323839	53.70 4.25 0.00	43.19 3.89 0.00	38.09 2.98 0.00	33.85 2.54 0.00	33.37 2.24 0.00	33.23 2.14 0.00	33.69 2.17 0.00	36.64 2.72 0.00	41.27 3.58 0.00	45.28 3.78 0.00	49.24 4.40 0.00	52.38 4.84 -0.96	52.80 4.92 -0.57	55.70 5.80 -0.33	61.28 5.90 -3.61	71.41 6.15 -8.37	86.37 8.00 -12.81	94.42 8.78 -11.17	96.45 8.42 -7.82	93.26 7.65 -6.76	81.70 5.58 -7.21	63.17 4.09 -0.66	54.93 3.50 -0.01	51.91 4.33 0.00

SPIERFLS_115KV_TB 1 80737	52.76 3.31 0.00	41.93 2.63 0.00	37.53 2.42 0.00	33.53 2.22 0.00	33.31 2.18 0.00	33.17 2.08 0.00	33.66 2.14 0.00	36.23 2.31 0.00	39.92 2.22 0.00	43.95 2.45 0.00	47.18 2.33 0.00	49.14 2.56 0.00	49.86 2.55 0.00	52.35 2.78 0.00	54.88 3.11 0.00	60.54 3.64 0.00	70.22 4.66 0.00	79.91 5.44 0.00	86.55 6.34 0.00	84.93 6.07 0.00	74.29 5.38 0.00	63.09 4.67 0.00	55.28 3.86 0.00	50.91 3.33 0.00
ST LAWRENCE____ 23600	49.40 -0.05 0.00	39.10 -0.20 0.00	34.82 -0.28 0.00	30.90 -0.41 0.00	30.79 -0.34 0.00	30.78 -0.31 0.00	31.26 -0.25 0.00	33.52 -0.41 0.00	37.39 -0.30 0.00	41.38 -0.12 0.00	44.66 -0.18 0.00	46.30 -0.28 0.00	46.97 -0.33 0.00	49.17 -0.40 0.00	51.26 -0.52 0.00	56.16 -0.74 0.00	64.71 -0.85 0.00	73.50 -0.97 0.00	79.16 -1.04 0.00	77.99 -0.87 0.00	68.09 -0.82 0.00	57.72 -0.70 0.00	51.01 -0.41 0.00	47.29 -0.28 0.00
STATE_CA_115KV_115_LB 55624	50.53 1.09 0.00	40.40 1.10 0.00	36.37 1.26 0.00	32.53 1.22 0.00	32.28 1.15 0.00	32.21 1.12 0.00	32.62 1.10 0.00	35.18 1.26 0.00	38.67 0.98 0.00	42.50 1.00 0.00	46.01 1.17 0.00	47.74 1.16 0.00	48.58 1.28 0.00	51.01 1.44 0.00	53.33 1.55 0.00	58.72 1.82 0.00	67.53 1.97 0.00	76.56 2.09 0.00	82.38 2.17 0.00	80.67 1.81 0.00	70.64 1.72 0.00	60.00 1.58 0.00	52.81 1.39 0.00	48.77 1.19 0.00
STATE_ST_34_KV_LOAD 55959	50.05 -0.59 -1.19	40.58 -0.51 -1.79	36.59 -0.42 -1.91	32.51 -0.28 -1.48	32.55 -0.28 -1.71	32.72 -0.31 -1.94	33.11 -0.38 -1.97	35.82 -0.27 -2.17	39.64 -0.41 -2.36	43.43 -0.75 -2.67	47.05 -0.85 -3.06	48.70 -0.75 -2.87	49.48 -0.76 -2.94	51.75 -0.79 -2.97	54.08 -0.78 -3.09	59.78 -0.80 -3.68	68.96 -0.66 -4.05	79.34 -0.37 -5.24	85.21 0.08 -4.92	83.61 0.08 -4.68	72.27 0.14 -3.22	60.89 -0.06 -2.52	53.15 -0.57 -2.29	47.80 -0.57 -0.79
STATION 5_MISC_HYD 23604	45.29 -3.31 0.84	35.05 -2.99 1.26	31.09 -2.67 1.34	28.08 -2.19 1.04	27.75 -2.18 1.20	27.46 -2.27 1.36	27.90 -2.24 1.38	30.44 -1.97 1.52	33.85 -2.19 1.66	36.89 -2.74 1.88	39.42 -3.27 2.15	41.50 -3.03 2.05	41.76 -3.45 2.09	41.93 -3.42 4.22	43.74 -3.47 4.56	47.30 -3.81 5.78	54.42 -4.07 7.08	62.71 -3.80 7.96	67.22 -4.09 8.90	65.09 -4.26 9.50	58.31 -3.65 6.95	50.59 -3.04 4.79	46.43 -2.83 2.16	43.35 -3.43 0.80
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.93 -2.82 0.70	35.77 -2.48 1.05	31.78 -2.21 1.12	28.66 -1.78 0.87	28.36 -1.77 1.00	28.09 -1.87 1.13	28.47 -1.89 1.15	30.86 -1.80 1.27	34.46 -1.85 1.38	37.66 -2.28 1.56	40.50 -2.56 1.79	42.32 -2.56 1.70	42.82 -2.74 1.74	43.23 -2.83 3.51	45.07 -2.90 3.81	48.90 -3.19 4.82	56.26 -3.41 5.90	64.04 -3.80 6.64	69.50 -3.29 7.42	67.47 -3.47 7.92	60.09 -3.03 5.80	51.62 -2.80 3.99	46.49 -3.14 1.79	44.06 -2.85 0.66
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.06 -3.51 0.88	34.88 -3.10 1.31	30.93 -2.77 1.40	27.94 -2.29 1.09	27.64 -2.24 1.25	27.30 -2.36 1.42	27.71 -2.36 1.44	30.03 -2.31 1.59	33.59 -2.37 1.73	36.68 -2.86 1.96	39.42 -3.18 2.24	41.18 -3.26 2.14	41.66 -3.45 2.18	41.73 -3.52 4.32	43.48 -3.62 4.67	46.95 -4.04 5.91	54.02 -4.33 7.22	61.43 -4.92 8.12	66.72 -4.41 9.07	64.61 -4.57 9.67	57.91 -3.93 7.07	49.97 -3.56 4.88	45.28 -3.91 2.23	43.28 -3.47 0.82
STA_56____34_KV_BUS2 355983	45.06 -3.51 0.88	34.88 -3.10 1.31	30.93 -2.77 1.40	27.94 -2.29 1.09	27.64 -2.24 1.25	27.30 -2.36 1.42	27.71 -2.36 1.44	30.03 -2.31 1.59	33.59 -2.37 1.73	36.68 -2.86 1.96	39.42 -3.18 2.24	41.18 -3.26 2.14	41.66 -3.45 2.18	41.73 -3.52 4.32	43.48 -3.62 4.67	46.95 -4.04 5.91	54.02 -4.33 7.22	61.43 -4.92 8.12	66.72 -4.41 9.07	64.61 -4.57 9.67	57.91 -3.93 7.07	49.97 -3.56 4.88	45.28 -3.91 2.23	43.28 -3.47 0.82
STA_67____115KV_BK2 355882	45.21 -3.41 0.82	35.00 -3.07 1.23	31.05 -2.74 1.31	28.04 -2.25 1.02	27.75 -2.21 1.17	27.42 -2.33 1.33	27.83 -2.33 1.35	30.16 -2.27 1.49	33.70 -2.37 1.62	36.80 -2.86 1.84	39.56 -3.18 2.10	41.31 -3.26 2.00	41.80 -3.45 2.05	41.88 -3.52 4.17	43.64 -3.62 4.51	47.14 -4.04 5.72	54.23 -4.33 7.01	61.67 -4.92 7.89	67.05 -4.33 8.82	64.94 -4.49 9.42	58.16 -3.86 6.90	50.17 -3.51 4.75	45.44 -3.86 2.12	43.37 -3.43 0.78
STA_7____115KV_9TRANS 80674	45.43 -3.12 0.90	35.08 -2.87 1.35	31.10 -2.56 1.44	28.10 -2.10 1.12	27.79 -2.05 1.28	27.45 -2.18 1.46	27.83 -2.21 1.48	30.19 -2.10 1.63	33.81 -2.11 1.78	36.92 -2.57 2.01	39.72 -2.83 2.30	41.49 -2.89 2.19	41.94 -3.12 2.24	42.01 -3.17 4.39	43.83 -3.21 4.73	47.32 -3.58 5.99	54.52 -3.74 7.31	61.93 -4.32 8.22	67.26 -3.77 9.18	65.13 -3.94 9.78	58.46 -3.31 7.15	50.44 -3.04 4.94	45.64 -3.50 2.28	43.60 -3.14 0.84
STA_82____115KV_TB1 80780	45.12 -3.51 0.81	34.94 -3.14 1.21	31.00 -2.81 1.29	28.02 -2.29 1.00	27.70 -2.27 1.16	27.41 -2.36 1.31	27.79 -2.40 1.33	30.12 -2.34 1.47	33.64 -2.45 1.60	36.74 -2.95 1.81	39.50 -3.27 2.07	41.25 -3.35 1.98	41.73 -3.55 2.02	41.76 -3.67 4.14	43.57 -3.73 4.48	47.06 -4.15 5.68	54.08 -4.52 6.97	61.57 -5.06 7.84	66.95 -4.49 8.77	64.84 -4.65 9.37	58.06 -4.00 6.86	50.08 -3.62 4.72	45.36 -3.96 2.10	43.28 -3.52 0.78
STEEL____WIND 323596	39.14 -4.84 5.46	26.75 -4.36 8.19	22.48 -3.90 8.73	21.31 -3.22 6.77	20.03 -3.30 7.79	18.81 -3.42 8.86	19.15 -3.37 8.99	20.87 -3.15 9.90	23.30 -3.62 10.78	24.77 -4.52 12.21	25.63 -5.25 13.97	28.96 -4.84 12.77	28.89 -5.35 13.07	29.13 -5.40 15.04	30.17 -5.44 16.16	31.71 -6.09 19.10	36.94 -6.95 21.67	43.91 -6.40 24.16	47.34 -6.82 26.06	45.54 -7.02 26.29	44.46 -6.00 18.46	39.68 -4.91 13.83	36.34 -4.42 10.66	38.89 -4.95 3.73
STEPHTWN_115KV_BK_2 55603	50.78 1.33 0.00	40.55 1.26 0.00	36.47 1.37 0.00	32.63 1.32 0.00	32.41 1.28 0.00	32.30 1.21 0.00	32.74 1.23 0.00	35.32 1.39 0.00	38.82 1.13 0.00	42.66 1.16 0.00	46.19 1.35 0.00	47.92 1.35 0.00	48.77 1.47 0.00	51.26 1.69 0.00	53.59 1.81 0.00	59.06 2.16 0.00	67.86 2.29 0.00	77.00 2.53 0.00	82.86 2.65 0.00	81.14 2.29 0.00	71.05 2.14 0.00	60.35 1.93 0.00	53.06 1.65 0.00	48.96 1.38 0.00
STEBEN_REC_LFGE 323667	59.38 -2.32 -12.26	55.45 -2.24 -18.39	52.64 -2.07 -19.61	44.74 -1.78 -15.22	46.71 -1.93 -17.51	49.14 -1.87 -19.92	49.86 -1.86 -20.21	54.42 -1.76 -22.26	59.69 -2.22 -24.22	65.87 -3.07 -27.44	72.60 -3.63 -31.39	72.28 -3.87 -29.57	73.77 -3.78 -30.26	75.26 -3.92 -29.60	78.40 -3.93 -30.56	89.11 -4.15 -36.37	101.14 -4.20 -39.77	115.05 -3.80 -44.38	123.72 -2.89 -46.40	121.67 -2.44 -45.26	97.85 -2.00 -30.94	81.07 -1.93 -24.57	71.96 -2.83 -23.37	53.14 -2.47 -8.03
STILLWATER____SOLAR 323814	52.01 2.57 0.00	41.38 2.08 0.00	37.07 1.96 0.00	33.13 1.82 0.00	32.90 1.77 0.00	32.80 1.71 0.00	33.25 1.73 0.00	35.79 1.86 0.00	39.43 1.73 0.00	43.20 1.70 0.00	46.73 1.88 0.00	48.58 2.00 0.00	49.38 2.08 0.00	51.95 2.38 0.00	54.41 2.64 0.00	59.52 2.62 0.00	68.52 2.95 0.00	77.67 3.20 0.00	83.90 3.69 0.00	82.48 3.63 0.00	72.22 3.31 0.00	61.40 2.98 0.00	53.89 2.47 0.00	50.14 2.57 0.00

STONY___BROOK 24151	53.15 3.71 0.00	42.71 3.42 0.00	37.91 2.81 0.00	33.94 2.63 0.00	33.59 2.46 0.00	33.48 2.39 0.00	33.98 2.46 0.00	36.85 2.92 0.00	41.31 3.62 0.00	45.40 3.90 0.00	49.37 4.53 0.00	52.38 4.84 -0.96	52.75 4.87 -0.57	55.26 5.36 -0.34	60.03 5.23 -3.03	72.87 5.35 -10.63	88.17 6.49 -16.11	95.38 7.37 -13.53	96.16 6.97 -8.97	92.67 6.23 -7.59	82.50 4.82 -8.76	62.78 3.85 -0.50	54.98 3.55 -0.01	52.19 4.61 0.00
STURGEON_POOL_HYD 23609	52.21 2.77 0.00	41.54 2.24 0.00	37.04 1.93 0.00	33.28 1.97 0.00	32.97 1.84 0.00	32.89 1.80 0.00	33.25 1.73 0.00	35.96 2.04 0.00	39.99 2.30 0.00	43.99 2.49 0.00	47.94 3.09 0.00	49.88 3.31 0.00	50.71 3.41 0.00	53.24 3.67 0.00	55.66 3.88 0.00	61.45 4.55 0.00	70.94 5.38 0.00	80.80 6.33 0.00	87.03 6.82 0.00	85.00 6.15 0.00	73.81 4.89 0.00	62.22 3.80 0.00	55.02 3.60 0.00	50.91 3.33 0.00
ST_LAW_115_BK7_LBMP 345037	49.40 -0.05 0.00	39.10 -0.20 0.00	34.79 -0.32 0.00	30.90 -0.41 0.00	30.76 -0.37 0.00	30.78 -0.31 0.00	31.26 -0.25 0.00	33.52 -0.41 0.00	37.35 -0.34 0.00	41.34 -0.17 0.00	44.62 -0.22 0.00	46.30 -0.28 0.00	46.97 -0.33 0.00	49.12 -0.45 0.00	51.26 -0.52 0.00	56.10 -0.80 0.00	64.65 -0.92 0.00	73.43 -1.04 0.00	79.09 -1.12 0.00	77.91 -0.94 0.00	68.02 -0.90 0.00	57.72 -0.70 0.00	51.01 -0.41 0.00	47.29 -0.28 0.00
ST_LAW_115_BK8_LBMP 345038	49.40 -0.05 0.00	39.10 -0.20 0.00	34.79 -0.32 0.00	30.90 -0.41 0.00	30.76 -0.37 0.00	30.78 -0.31 0.00	31.26 -0.25 0.00	33.52 -0.41 0.00	37.35 -0.34 0.00	41.34 -0.17 0.00	44.62 -0.22 0.00	46.30 -0.28 0.00	46.97 -0.33 0.00	49.12 -0.45 0.00	51.26 -0.52 0.00	56.10 -0.80 0.00	64.65 -0.92 0.00	73.43 -1.04 0.00	79.09 -1.12 0.00	77.91 -0.94 0.00	68.02 -0.90 0.00	57.72 -0.70 0.00	51.01 -0.41 0.00	47.29 -0.28 0.00
ST_LAW_230_BK5_LBMP 345035	49.40 -0.05 0.00	39.10 -0.20 0.00	34.82 -0.28 0.00	30.90 -0.41 0.00	30.79 -0.34 0.00	30.78 -0.31 0.00	31.26 -0.25 0.00	33.52 -0.41 0.00	37.39 -0.30 0.00	41.38 -0.12 0.00	44.66 -0.18 0.00	46.30 -0.28 0.00	46.97 -0.33 0.00	49.17 -0.40 0.00	51.26 -0.52 0.00	56.16 -0.74 0.00	64.71 -0.85 0.00	73.50 -0.97 0.00	79.16 -1.04 0.00	77.99 -0.87 0.00	68.09 -0.82 0.00	57.72 -0.70 0.00	51.01 -0.41 0.00	47.29 -0.28 0.00
ST_LAW_230_BK6_LBMP 345036	49.40 -0.05 0.00	39.10 -0.20 0.00	34.82 -0.28 0.00	30.90 -0.41 0.00	30.79 -0.34 0.00	30.78 -0.31 0.00	31.26 -0.25 0.00	33.52 -0.41 0.00	37.39 -0.30 0.00	41.38 -0.12 0.00	44.66 -0.18 0.00	46.30 -0.28 0.00	46.97 -0.33 0.00	49.17 -0.40 0.00	51.26 -0.52 0.00	56.16 -0.74 0.00	64.71 -0.85 0.00	73.50 -0.97 0.00	79.16 -1.04 0.00	77.99 -0.87 0.00	68.09 -0.82 0.00	57.72 -0.70 0.00	51.01 -0.41 0.00	47.29 -0.28 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	51.52 2.08 0.00	41.06 1.77 0.00	36.68 1.58 0.00	32.91 1.60 0.00	32.62 1.49 0.00	32.55 1.46 0.00	32.93 1.42 0.00	35.66 1.73 0.00	39.58 1.88 0.00	43.54 2.03 0.00	47.35 2.51 0.00	49.28 2.70 0.00	50.09 2.79 0.00	52.60 3.02 0.00	55.03 3.26 0.00	60.66 3.76 0.00	69.96 4.39 0.00	79.61 5.14 0.00	85.66 5.45 0.00	83.74 4.89 0.00	72.77 3.86 0.00	61.40 2.98 0.00	54.30 2.88 0.00	50.19 2.62 0.00
SWANROAD_115KV_TB1 355699	39.15 -6.18 4.12	27.70 -5.42 6.17	23.72 -4.81 6.58	22.20 -4.01 5.11	21.24 -4.02 5.87	20.28 -4.13 6.68	20.55 -4.19 6.78	22.12 -4.34 7.46	24.94 -4.64 8.12	26.62 -5.69 9.20	28.14 -6.19 10.52	30.33 -6.29 9.96	30.49 -6.62 10.19	30.52 -6.79 12.26	32.04 -6.89 12.85	33.31 -7.91 15.68	38.51 -9.11 17.95	44.08 -10.35 20.04	48.32 -10.19 21.70	46.41 -10.41 22.04	44.40 -8.96 15.55	39.76 -7.13 11.54	35.78 -7.20 8.44	38.42 -6.18 2.97
SYNERGY___BIOGAS 323694	42.40 -4.05 2.99	31.04 -3.77 4.49	26.92 -3.41 4.78	24.84 -2.76 3.71	24.12 -2.74 4.27	23.34 -2.89 4.86	23.69 -2.90 4.93	25.61 -2.88 5.43	28.73 -3.05 5.91	30.95 -3.86 6.69	32.88 -4.30 7.65	34.99 -4.38 7.20	35.25 -4.68 7.37	35.31 -4.81 9.45	36.90 -4.87 10.00	39.21 -5.46 12.23	45.45 -5.97 14.15	52.03 -6.63 15.81	57.25 -5.78 17.19	55.32 -5.91 17.62	51.36 -5.03 12.52	44.98 -4.26 9.18	40.38 -4.78 6.25	41.23 -4.14 2.21
SYRACUSE___ENERGY_ST1 323597	48.65 -0.79 0.00	38.71 -0.59 0.00	34.65 -0.46 0.00	31.00 -0.31 0.00	30.79 -0.34 0.00	30.75 -0.34 0.00	31.11 -0.41 0.00	33.59 -0.34 0.00	37.28 -0.41 0.00	40.84 -0.66 0.00	44.08 -0.76 0.00	45.83 -0.75 0.00	46.59 -0.71 0.00	48.78 -0.79 0.00	51.00 -0.78 0.00	56.05 -0.85 0.00	64.72 -0.85 0.00	74.49 -0.82 -0.84	79.76 -0.64 -0.19	78.14 -0.71 0.00	68.36 -0.55 0.00	57.84 -0.58 0.00	50.60 -0.82 0.00	46.77 -0.81 0.00
SYRACUSE___ENERGY_ST2 323598	48.65 -0.79 0.00	38.71 -0.59 0.00	34.65 -0.46 0.00	31.00 -0.31 0.00	30.79 -0.34 0.00	30.75 -0.34 0.00	31.11 -0.41 0.00	33.59 -0.34 0.00	37.28 -0.41 0.00	40.84 -0.66 0.00	44.08 -0.76 0.00	45.83 -0.75 0.00	46.59 -0.71 0.00	48.78 -0.79 0.00	51.00 -0.78 0.00	56.05 -0.85 0.00	64.72 -0.85 0.00	74.49 -0.82 -0.84	79.76 -0.64 -0.19	78.14 -0.71 0.00	68.36 -0.55 0.00	57.84 -0.58 0.00	50.60 -0.82 0.00	46.77 -0.81 0.00
SYRACUSE___POWER 24017	48.55 -0.89 0.00	38.63 -0.67 0.00	34.58 -0.53 0.00	30.94 -0.38 0.00	30.72 -0.40 0.00	30.65 -0.44 0.00	31.04 -0.47 0.00	33.52 -0.41 0.00	37.20 -0.49 0.00	40.76 -0.75 0.00	43.95 -0.90 0.00	45.74 -0.84 0.00	46.50 -0.80 0.00	48.10 -0.89 0.58	50.24 -0.88 0.66	55.12 -0.91 0.87	63.50 -0.92 1.15	72.83 -0.89 0.75	78.18 -0.64 1.39	76.37 -0.79 1.69	67.01 -0.62 1.28	56.96 -0.64 0.82	50.40 -0.87 0.14	46.61 -0.90 0.06
TALLMAN__138KV_BK151 55660	51.72 2.27 0.00	41.26 1.96 0.00	36.86 1.76 0.00	33.10 1.78 0.00	32.78 1.65 0.00	32.74 1.65 0.00	33.12 1.61 0.00	35.90 1.97 0.00	39.80 2.11 0.00	43.83 2.32 0.00	47.71 2.87 0.00	49.69 3.12 0.00	50.47 3.17 0.00	53.09 3.52 0.00	55.50 3.73 0.00	61.17 4.27 0.00	70.55 4.98 0.00	80.28 5.81 0.00	86.31 6.10 0.00	84.29 5.44 0.00	73.19 4.27 0.00	61.75 3.33 0.00	54.66 3.24 0.00	50.53 2.95 0.00
TEALLAVE_115KV_TB7 355573	48.31 -1.14 0.00	38.47 -0.83 0.00	34.44 -0.67 0.00	30.81 -0.50 0.00	30.60 -0.53 0.00	30.53 -0.56 0.00	30.92 -0.60 0.00	33.39 -0.54 0.00	37.05 -0.64 0.00	40.59 -0.91 0.00	43.81 -1.03 0.00	45.60 -0.98 0.00	46.31 -0.99 0.00	47.69 -1.09 0.79	49.78 -1.09 0.90	54.57 -1.14 1.19	62.74 -1.25 1.58	71.88 -1.27 1.33	77.11 -1.12 1.97	75.35 -1.18 2.32	66.13 -1.03 1.75	56.36 -0.93 1.13	50.04 -1.18 0.20	46.39 -1.09 0.09
TELGRAPH_34_KV_EAST 80808	40.89 -5.04 3.51	29.51 -4.52 5.27	25.45 -4.04 5.62	23.63 -3.32 4.36	22.78 -3.33 5.02	21.90 -3.48 5.70	22.23 -3.50 5.79	23.99 -3.56 6.37	26.99 -3.77 6.94	29.00 -4.65 7.86	30.75 -5.11 8.99	32.95 -5.17 8.45	33.17 -5.49 8.65	33.20 -5.65 10.72	34.76 -5.70 11.32	36.62 -6.49 13.79	42.36 -7.34 15.87	48.49 -8.27 17.72	53.39 -7.62 19.20	51.38 -7.89 19.59	48.29 -6.75 13.87	42.63 -5.55 10.24	38.31 -5.86 7.24	39.93 -5.09 2.55

TEMPLE___115KV_TB 2 55572	48.36 -1.09 0.00	38.47 -0.83 0.00	34.47 -0.63 0.00	30.84 -0.47 0.00	30.63 -0.50 0.00	30.56 -0.53 0.00	30.92 -0.60 0.00	33.42 -0.51 0.00	37.09 -0.60 0.00	40.63 -0.87 0.00	43.86 -0.99 0.00	45.60 -0.98 0.00	46.36 -0.95 0.00	47.72 -1.04 0.81	49.82 -1.04 0.92	54.55 -1.14 1.21	62.78 -1.18 1.61	71.92 -1.19 1.36	77.16 -1.04 2.01	75.39 -1.10 2.36	66.16 -0.96 1.78	56.34 -0.93 1.15	50.09 -1.13 0.20	46.39 -1.09 0.09
TIANA___69_KV_BK 1 55817	53.60 4.15 0.00	42.87 3.58 0.00	38.23 3.12 0.00	34.13 2.82 0.00	33.81 2.68 0.00	33.61 2.52 0.00	34.13 2.62 0.00	37.12 3.19 0.00	41.65 3.96 0.00	45.11 3.61 0.00	49.37 4.53 0.00	52.52 4.98 -0.96	52.84 4.97 -0.57	55.60 5.70 -0.33	61.13 5.75 -3.61	71.13 5.86 -8.37	85.92 7.54 -12.81	94.20 8.56 -11.17	96.45 8.42 -7.82	93.19 7.57 -6.76	81.98 5.86 -7.21	63.52 4.44 -0.66	56.26 4.83 -0.01	52.38 4.81 0.00
TILDEN___115KV_TB1 80814	48.55 -0.89 0.00	38.63 -0.67 0.00	34.58 -0.53 0.00	30.94 -0.38 0.00	30.72 -0.40 0.00	30.65 -0.44 0.00	31.04 -0.47 0.00	33.52 -0.41 0.00	37.20 -0.49 0.00	40.76 -0.75 0.00	43.95 -0.90 0.00	45.74 -0.84 0.00	46.50 -0.80 0.00	48.10 -0.89 0.58	50.24 -0.88 0.66	55.12 -0.91 0.87	63.50 -0.92 1.15	72.83 -0.89 0.75	78.18 -0.64 1.39	76.37 -0.79 1.69	67.01 -0.62 1.28	56.96 -0.64 0.82	50.40 -0.87 0.14	46.61 -0.90 0.06
TRIGEN___CC 323695	52.21 2.77 0.00	41.69 2.40 0.00	37.25 2.14 0.00	33.35 2.04 0.00	33.06 1.93 0.00	32.95 1.87 0.00	33.41 1.89 0.00	36.27 2.34 0.00	40.44 2.75 0.00	44.32 2.82 0.00	48.57 3.72 0.00	51.54 4.01 -0.96	51.94 4.07 -0.57	54.31 4.41 -0.32	56.23 4.45 0.00	61.64 4.72 -0.01	71.42 5.84 -0.01	81.19 6.70 -0.01	86.63 6.42 0.00	84.45 5.60 0.00	73.25 4.34 0.01	61.74 3.33 0.01	54.97 3.55 0.00	51.29 3.71 0.00
TRINITY___115KV___ 4 BK 55933	50.38 0.94 0.00	40.28 0.98 0.00	36.26 1.16 0.00	32.44 1.13 0.00	32.19 1.06 0.00	32.11 1.03 0.00	32.52 1.01 0.00	35.08 1.15 0.00	38.56 0.87 0.00	42.37 0.87 0.00	45.87 1.03 0.00	47.55 0.98 0.00	48.44 1.14 0.00	50.86 1.29 0.00	53.17 1.40 0.00	58.49 1.59 0.00	67.27 1.70 0.00	76.26 1.79 0.00	81.97 1.76 0.00	80.35 1.50 0.00	70.36 1.45 0.00	59.82 1.40 0.00	52.65 1.23 0.00	48.62 1.05 0.00
UNION___PROCESSING_DRP 323587	45.08 -3.51 0.85	34.92 -3.10 1.27	30.97 -2.77 1.36	27.97 -2.29 1.05	27.64 -2.27 1.21	27.35 -2.36 1.38	27.72 -2.40 1.40	30.05 -2.34 1.54	33.60 -2.41 1.68	36.66 -2.95 1.90	39.40 -3.27 2.17	41.16 -3.35 2.06	41.65 -3.55 2.11	41.68 -3.67 4.22	43.47 -3.73 4.57	46.97 -4.15 5.78	53.97 -4.52 7.07	61.45 -5.06 7.95	66.81 -4.49 8.91	64.70 -4.65 9.50	57.97 -4.00 6.95	50.02 -3.62 4.78	45.29 -3.96 2.17	43.26 -3.52 0.80
UPPER HUDSON___HYD 24058	52.76 3.31 0.00	41.93 2.63 0.00	37.52 2.42 0.00	33.53 2.22 0.00	33.31 2.18 0.00	33.17 2.08 0.00	33.66 2.14 0.00	36.24 2.31 0.00	39.92 2.22 0.00	43.83 2.32 0.00	47.17 2.33 0.00	49.09 2.51 0.00	49.85 2.55 0.00	52.35 2.77 0.00	54.88 3.11 0.00	59.18 2.28 0.00	68.45 2.88 0.00	77.74 3.27 0.00	84.22 4.01 0.00	82.79 3.94 0.00	72.43 3.51 0.00	61.57 3.15 0.00	53.94 2.52 0.00	50.91 3.33 0.00
UPPER RAQUET___HYD 24056	49.54 0.10 0.00	39.18 -0.12 0.00	34.86 -0.24 0.00	30.97 -0.34 0.00	30.91 -0.22 0.00	30.90 -0.19 0.00	31.39 -0.13 0.00	33.66 -0.27 0.00	37.47 -0.22 0.00	41.38 -0.12 0.00	44.62 -0.22 0.00	46.25 -0.32 0.00	46.92 -0.38 0.00	48.98 -0.59 0.00	51.05 -0.72 0.00	55.82 -1.08 0.00	64.45 -1.12 0.00	73.28 -1.19 0.00	79.25 -0.96 0.00	78.38 -0.47 0.00	68.50 -0.41 0.00	58.07 -0.35 0.00	51.27 -0.15 0.00	47.58 0.00 0.00
VALLEY44___115KV_TB2 355964	43.87 -3.12 2.46	32.70 -2.91 3.69	28.54 -2.63 3.93	26.16 -2.10 3.05	25.47 -2.15 3.51	24.86 -2.24 3.99	25.26 -2.21 4.05	27.36 -2.10 4.46	30.58 -2.26 4.85	33.06 -2.95 5.50	35.28 -3.27 6.29	37.80 -3.12 5.66	38.20 -3.31 5.79	38.65 -3.42 7.50	40.20 -3.37 8.21	43.38 -3.81 9.71	50.05 -4.26 11.26	57.50 -4.39 12.58	63.18 -3.29 13.74	61.04 -3.71 14.11	55.84 -3.03 10.04	48.24 -2.86 7.31	43.04 -3.45 4.93	42.69 -3.14 1.75
VALLEY___115KV_TB 1-4 80826	50.33 0.89 0.00	39.96 0.67 0.00	35.70 0.60 0.00	31.91 0.59 0.00	31.66 0.53 0.00	31.59 0.50 0.00	31.99 0.47 0.00	34.47 0.54 0.00	38.30 0.60 0.00	42.08 0.58 0.00	45.47 0.63 0.00	47.18 0.61 0.00	47.92 0.61 0.00	50.07 0.50 0.00	52.24 0.47 0.00	57.35 0.46 0.00	65.96 0.39 0.00	74.84 0.37 0.00	80.77 0.56 0.00	79.48 0.63 0.00	69.47 0.55 0.00	58.89 0.47 0.00	51.93 0.51 0.00	48.10 0.52 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	51.08 1.63 0.00	40.55 1.26 0.00	36.26 1.16 0.00	32.47 1.16 0.00	32.22 1.09 0.00	32.08 0.99 0.00	32.46 0.95 0.00	35.18 1.26 0.00	39.12 1.43 0.00	42.95 1.45 0.00	46.50 1.66 0.00	48.41 1.82 -0.02	49.16 1.84 -0.02	51.32 1.74 -0.02	53.69 1.92 0.00	59.08 2.16 -0.02	68.15 2.56 -0.02	77.57 2.90 -0.19	83.72 3.45 -0.07	82.11 3.23 -0.03	71.69 2.76 -0.02	60.71 2.28 -0.01	53.28 1.85 -0.01	49.25 1.67 0.00
VISCHER___FERRY HYD 24020	51.32 1.88 0.00	40.91 1.61 0.00	36.69 1.58 0.00	32.78 1.47 0.00	32.56 1.43 0.00	32.49 1.40 0.00	32.90 1.39 0.00	35.46 1.53 0.00	39.12 1.43 0.00	42.83 1.33 0.00	46.46 1.61 0.00	48.25 1.67 0.00	49.10 1.80 0.00	51.60 2.03 0.00	53.95 2.17 0.00	59.29 2.39 0.00	68.06 2.49 0.00	76.92 2.45 0.00	82.85 2.64 0.00	81.38 2.52 0.00	71.39 2.48 0.00	60.76 2.34 0.00	53.37 1.95 0.00	49.43 1.85 0.00
V_A_10_SYNC_DSASP 323832	40.98 -5.54 2.93	30.10 -4.79 4.40	26.13 -4.28 4.69	24.10 -3.57 3.64	23.36 -3.58 4.19	22.63 -3.70 4.76	22.96 -3.72 4.83	24.81 -3.80 5.32	27.83 -4.07 5.79	30.00 -4.94 6.56	31.96 -5.38 7.51	34.00 -5.45 7.12	34.29 -5.72 7.29	34.21 -5.90 9.46	35.80 -6.01 9.97	37.86 -6.77 12.27	43.60 -7.74 14.23	49.93 -8.64 15.90	54.83 -8.10 17.28	52.83 -8.28 17.74	49.13 -7.17 12.62	42.99 -6.19 9.24	38.94 -6.27 6.21	39.87 -5.52 2.19
V_CMM_10_SYNC_DSASP 323787	49.59 0.15 0.00	39.26 -0.04 0.00	34.93 -0.18 0.00	31.03 -0.28 0.00	30.88 -0.25 0.00	30.90 -0.19 0.00	31.39 -0.13 0.00	33.66 -0.27 0.00	37.54 -0.15 0.00	41.50 0.00 0.00	44.80 -0.04 0.00	46.48 -0.09 0.00	47.11 -0.19 0.00	49.32 -0.25 0.00	51.41 -0.36 0.00	56.05 -0.85 0.00	64.65 -0.92 0.00	73.43 -1.04 0.00	78.93 -1.28 0.00	77.91 -0.95 0.00	68.02 -0.90 0.00	57.66 -0.76 0.00	51.21 -0.21 0.00	47.48 -0.10 0.00
V_CMP_10_SYNC_DSASP 323788	50.04 0.59 0.00	39.61 0.31 0.00	35.21 0.11 0.00	31.25 -0.06 0.00	31.07 -0.06 0.00	31.09 0.00 0.00	31.61 0.09 0.00	33.93 0.00 0.00	37.84 0.15 0.00	41.83 0.33 0.00	45.11 0.27 0.00	46.71 0.14 0.00	47.30 0.00 0.00	49.42 -0.15 0.00	51.46 -0.31 0.00	56.39 -0.51 0.00	65.04 -0.52 0.00	73.80 -0.67 0.00	79.41 -0.80 0.00	78.38 -0.47 0.00	68.36 -0.55 0.00	58.01 -0.41 0.00	51.27 -0.15 0.00	47.53 -0.05 0.00

V_D_10_SYNC_DSASP 323841	49.79 0.35 0.00	39.41 0.12 0.00	35.07 -0.04 0.00	31.15 -0.16 0.00	31.04 -0.09 0.00	31.06 -0.03 0.00	31.55 0.03 0.00	33.83 -0.10 0.00	37.69 0.00 0.00	41.67 0.17 0.00	44.93 0.09 0.00	46.62 0.05 0.00	47.25 -0.05 0.00	49.42 -0.15 0.00	51.51 -0.26 0.00	56.44 -0.46 0.00	65.11 -0.46 0.00	73.95 -0.52 0.00	79.57 -0.64 0.00	78.62 -0.24 0.00	68.64 -0.28 0.00	58.19 -0.23 0.00	51.42 0.00 0.00	47.67 0.10 0.00
V_E_10_SYNC_DSASP 323830	53.03 2.42 -1.17	42.70 1.65 -1.75	38.44 1.47 -1.87	34.20 1.44 -1.45	34.13 1.34 -1.67	34.16 1.18 -1.89	34.32 0.88 -1.92	37.30 1.26 -2.12	41.35 1.36 -2.30	45.15 1.04 -2.61	48.73 0.90 -2.99	50.43 1.02 -2.83	51.29 1.09 -2.90	52.71 0.59 -2.54	55.12 0.78 -2.58	60.97 1.02 -3.04	70.44 1.64 -3.23	80.85 2.46 -3.92	87.98 4.01 -3.76	86.51 4.18 -3.48	74.95 3.72 -2.32	63.34 2.98 -1.94	55.59 2.01 -2.17	50.07 1.76 -0.74
V_F_30_NSYNC___DSASP 323816	52.07 2.62 0.00	41.42 2.12 0.00	37.07 1.97 0.00	33.16 1.85 0.00	32.90 1.77 0.00	32.80 1.71 0.00	33.25 1.73 0.00	35.83 1.90 0.00	39.46 1.77 0.00	43.37 1.87 0.00	46.82 1.97 0.00	48.72 2.14 0.00	49.48 2.18 0.00	52.00 2.43 0.00	54.47 2.69 0.00	60.03 3.13 0.00	69.17 3.61 0.00	78.64 4.17 0.00	84.86 4.65 0.00	83.27 4.42 0.00	72.91 4.00 0.00	61.93 3.51 0.00	54.40 2.98 0.00	50.15 2.57 0.00
V_F_30_SYNC_DSASP 323786	50.53 1.09 0.00	40.40 1.10 0.00	36.33 1.23 0.00	32.53 1.22 0.00	32.28 1.15 0.00	32.21 1.12 0.00	32.62 1.10 0.00	35.18 1.26 0.00	38.67 0.98 0.00	42.50 1.00 0.00	46.01 1.17 0.00	47.69 1.12 0.00	48.58 1.28 0.00	51.01 1.44 0.00	53.33 1.55 0.00	58.72 1.82 0.00	67.53 1.97 0.00	76.56 2.09 0.00	82.38 2.17 0.00	80.67 1.81 0.00	70.64 1.72 0.00	60.00 1.58 0.00	52.81 1.39 0.00	48.77 1.19 0.00
V_XM_10_SYNC_DSASP 323789	50.04 0.59 0.00	39.61 0.31 0.00	35.21 0.11 0.00	31.25 -0.06 0.00	31.07 -0.06 0.00	31.09 0.00 0.00	31.61 0.09 0.00	33.93 0.00 0.00	37.84 0.15 0.00	41.83 0.33 0.00	45.11 0.27 0.00	46.71 0.14 0.00	47.30 0.00 0.00	49.42 -0.15 0.00	51.46 -0.31 0.00	56.39 -0.51 0.00	65.04 -0.52 0.00	73.80 -0.67 0.00	79.41 -0.80 0.00	78.38 -0.47 0.00	68.36 -0.55 0.00	58.01 -0.41 0.00	51.27 -0.15 0.00	47.53 -0.05 0.00
W.BABYLN_69_KV_BK1 56697	53.35 3.91 0.00	42.64 3.34 0.00	38.02 2.91 0.00	34.00 2.69 0.00	33.71 2.58 0.00	33.54 2.46 0.00	34.07 2.55 0.00	37.02 3.09 0.00	41.42 3.73 0.00	45.20 3.69 0.00	49.64 4.80 0.00	52.70 5.17 -0.96	53.13 5.25 -0.57	55.65 5.75 -0.32	60.60 5.75 -3.08	63.87 5.86 -1.11	74.76 7.41 -1.78	84.76 8.49 -1.80	89.97 8.26 -1.50	87.56 7.33 -1.38	75.70 5.65 -1.14	63.28 4.38 -0.48	56.10 4.68 0.00	52.48 4.90 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	51.92 2.47 0.00	41.42 2.12 0.00	36.96 1.86 0.00	33.22 1.91 0.00	32.90 1.77 0.00	32.83 1.74 0.00	33.22 1.70 0.00	36.00 2.07 0.00	39.95 2.26 0.00	43.99 2.49 0.00	47.89 3.05 0.00	49.83 3.26 0.00	50.66 3.36 0.00	53.24 3.67 0.00	55.66 3.88 0.00	61.34 4.44 0.00	70.81 5.25 0.00	80.50 6.03 0.00	86.63 6.42 0.00	84.61 5.76 0.00	73.46 4.55 0.00	61.93 3.51 0.00	54.81 3.39 0.00	50.67 3.09 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	52.46 3.02 0.00	41.81 2.51 0.00	37.35 2.25 0.00	33.53 2.22 0.00	33.25 2.12 0.00	33.19 2.08 -0.02	33.56 2.05 0.00	36.42 2.48 -0.02	40.41 2.71 0.00	51.44 2.99 -6.95	57.24 3.59 -8.80	58.90 3.87 -8.46	60.68 3.97 -9.40	62.47 4.36 -8.54	65.12 4.61 -8.74	93.50 5.18 -31.42	98.06 6.10 -26.39	99.80 7.00 -18.33	101.87 7.46 -14.20	85.88 6.70 -0.32	74.30 5.38 -0.02	62.64 4.21 -0.02	60.38 4.06 -4.89	54.74 3.71 -3.45
W50THST__13_KV_LOAD 356117	52.71 3.26 0.00	42.01 2.71 0.00	37.53 2.42 0.00	33.69 2.38 0.00	33.40 2.27 0.00	33.34 2.24 -0.02	33.72 2.21 0.00	36.62 2.68 -0.02	40.63 2.94 0.00	51.73 3.28 -6.95	57.55 3.90 -8.80	59.23 4.19 -8.46	61.01 4.30 -9.40	62.82 4.71 -8.54	65.48 4.97 -8.74	93.96 5.63 -31.42	98.58 6.62 -26.39	100.39 7.60 -18.33	102.43 8.02 -14.20	86.51 7.33 -0.32	74.79 5.86 -0.02	63.05 4.62 -0.02	60.68 4.37 -4.89	55.02 4.00 -3.45
WADING RIVER_IC_1 23522	53.30 3.86 0.00	42.83 3.54 0.00	38.02 2.91 0.00	34.00 2.69 0.00	33.65 2.52 0.00	33.51 2.43 0.00	34.04 2.52 0.00	36.88 2.95 0.00	41.39 3.70 0.00	45.28 3.78 0.00	49.01 4.17 0.00	52.05 4.52 -0.96	52.28 4.40 -0.57	54.96 5.06 -0.33	60.45 5.08 -3.60	70.31 5.06 -8.34	84.83 6.49 -12.77	92.92 7.30 -11.14	95.16 7.14 -7.81	92.23 6.62 -6.76	81.28 5.17 -7.19	63.17 4.09 -0.66	55.18 3.75 -0.01	52.29 4.71 0.00
WADING RIVER_IC_2 23547	53.30 3.86 0.00	42.83 3.54 0.00	38.02 2.91 0.00	34.00 2.69 0.00	33.65 2.52 0.00	33.51 2.43 0.00	34.04 2.52 0.00	36.88 2.95 0.00	41.39 3.70 0.00	45.28 3.78 0.00	49.01 4.17 0.00	52.05 4.52 -0.96	52.28 4.40 -0.57	54.96 5.06 -0.33	60.45 5.08 -3.60	70.31 5.06 -8.34	84.83 6.49 -12.77	92.92 7.30 -11.14	95.16 7.14 -7.81	92.23 6.62 -6.76	81.28 5.17 -7.19	63.17 4.09 -0.66	55.18 3.75 -0.01	52.29 4.71 0.00
WADING RIVER_IC_3 23601	53.30 3.86 0.00	42.83 3.54 0.00	38.02 2.91 0.00	34.00 2.69 0.00	33.65 2.52 0.00	33.51 2.43 0.00	34.04 2.52 0.00	36.88 2.95 0.00	41.39 3.70 0.00	45.28 3.78 0.00	49.01 4.17 0.00	52.05 4.52 -0.96	52.28 4.40 -0.57	54.96 5.06 -0.33	60.45 5.08 -3.60	70.31 5.06 -8.34	84.83 6.49 -12.77	92.92 7.30 -11.14	95.16 7.14 -7.81	92.23 6.62 -6.76	81.28 5.17 -7.19	63.17 4.09 -0.66	55.18 3.75 -0.01	52.29 4.71 0.00
WALDENNY_12_KV_BK2 80841	39.19 -4.94 5.31	26.93 -4.40 7.96	22.65 -3.97 8.49	21.43 -3.29 6.59	20.22 -3.33 7.58	19.02 -3.45 8.62	19.27 -3.50 8.75	20.70 -3.60 9.64	23.40 -3.81 10.49	25.02 -4.61 11.88	26.23 -5.02 13.59	29.09 -5.03 12.45	29.31 -5.25 12.74	29.39 -5.45 14.73	30.43 -5.54 15.80	31.87 -6.32 18.71	37.10 -7.21 21.25	42.81 -7.97 23.69	47.50 -7.14 25.57	45.62 -7.41 25.82	44.44 -6.34 18.14	39.47 -5.37 13.57	35.30 -5.71 10.41	38.98 -4.95 3.65
WALDEN___HYDRO 24148	51.82 2.37 0.00	41.30 2.00 0.00	36.86 1.76 0.00	33.10 1.78 0.00	32.78 1.65 0.00	32.71 1.62 0.00	33.09 1.58 0.00	35.83 1.90 0.00	39.77 2.07 0.00	43.74 2.24 0.00	47.58 2.74 0.00	49.51 2.93 0.00	50.33 3.03 0.00	52.84 3.27 0.00	55.29 3.52 0.00	61.00 4.10 0.00	70.42 4.85 0.00	80.21 5.73 0.00	86.31 6.10 0.00	84.37 5.52 0.00	73.32 4.41 0.00	61.81 3.39 0.00	54.66 3.24 0.00	50.48 2.90 0.00
WARRENSBURG____ 23737	52.76 3.31 0.00	41.93 2.63 0.00	37.53 2.42 0.00	33.53 2.22 0.00	33.31 2.18 0.00	33.17 2.08 0.00	33.66 2.14 0.00	36.23 2.31 0.00	39.92 2.22 0.00	43.95 2.45 0.00	47.18 2.33 0.00	49.14 2.56 0.00	49.86 2.55 0.00	52.35 2.78 0.00	54.88 3.11 0.00	60.54 3.64 0.00	70.22 4.66 0.00	79.91 5.44 0.00	86.55 6.34 0.00	84.93 6.07 0.00	74.29 5.38 0.00	63.09 4.67 0.00	55.28 3.86 0.00	50.91 3.33 0.00

WATERSIDE___6 8 9 23538	52.41 2.97 0.00	41.81 2.51 0.00	37.39 2.28 0.00	33.56 2.25 0.00	33.28 2.15 0.00	33.22 2.11 -0.01	33.63 2.11 0.00	36.42 2.48 -0.01	40.37 2.68 0.00	51.51 2.91 -7.10	57.39 3.54 -9.00	58.96 3.73 -8.65	60.75 3.83 -9.62	62.47 4.16 -8.73	65.11 4.40 -8.94	93.88 4.84 -32.14	98.14 5.57 -27.00	99.61 6.40 -18.73	101.64 6.90 -14.53	85.41 6.23 -0.33	73.89 4.96 -0.02	62.53 4.09 -0.02	60.38 3.96 -5.01	54.81 3.71 -3.53
WATKINRD_115KV_LN8_ILLION 55919	50.04 0.59 0.00	39.77 0.47 0.00	35.53 0.42 0.00	31.75 0.44 0.00	31.53 0.40 0.00	31.46 0.37 0.00	31.86 0.35 0.00	34.34 0.41 0.00	38.14 0.45 0.00	41.92 0.42 0.00	45.29 0.45 0.00	46.99 0.42 0.00	47.73 0.43 0.00	49.92 0.35 0.00	52.14 0.36 0.00	57.30 0.40 0.00	65.90 0.33 0.00	74.84 0.37 0.00	80.69 0.48 0.00	79.41 0.55 0.00	69.40 0.48 0.00	58.83 0.41 0.00	51.83 0.41 0.00	47.96 0.38 0.00
WDELAWARE___HYD 323627	51.72 2.28 0.00	41.14 1.85 0.00	36.69 1.58 0.00	32.94 1.63 0.00	32.59 1.46 0.00	32.52 1.43 0.00	32.90 1.39 0.00	35.49 1.56 0.00	39.54 1.85 0.00	43.49 1.99 0.00	47.35 2.51 0.00	49.18 2.61 0.00	50.04 2.74 0.00	52.45 2.87 0.00	54.88 3.11 0.00	60.65 3.75 0.00	70.09 4.52 0.00	79.84 5.36 0.00	86.06 5.85 0.00	84.29 5.44 0.00	73.19 4.27 0.00	61.81 3.39 0.00	54.35 2.93 0.00	50.33 2.76 0.00
WEST BABYLON___IC 23714	53.35 3.91 0.00	42.64 3.34 0.00	38.02 2.91 0.00	34.00 2.69 0.00	33.71 2.58 0.00	33.54 2.46 0.00	34.07 2.55 0.00	37.02 3.09 0.00	41.42 3.73 0.00	45.20 3.69 0.00	49.64 4.80 0.00	52.70 5.17 -0.96	53.13 5.25 -0.57	55.65 5.75 -0.32	60.60 5.75 -3.08	63.87 5.86 -1.11	74.76 7.41 -1.78	84.76 8.49 -1.80	89.97 8.26 -1.50	87.56 7.33 -1.38	75.70 5.65 -1.14	63.28 4.38 -0.48	56.10 4.68 0.00	52.48 4.90 0.00
WEST CANADA___HYD 24049	49.54 0.10 0.00	39.41 0.12 0.00	35.25 0.14 0.00	31.47 0.16 0.00	31.29 0.16 0.00	31.21 0.12 0.00	31.64 0.13 0.00	34.10 0.17 0.00	37.84 0.15 0.00	41.59 0.08 0.00	44.93 0.09 0.00	46.67 0.09 0.00	47.44 0.14 0.00	49.67 0.10 0.00	51.88 0.10 0.00	57.07 0.17 0.00	65.70 0.13 0.00	74.62 0.15 0.00	80.37 0.16 0.00	79.01 0.16 0.00	69.05 0.14 0.00	58.54 0.12 0.00	51.52 0.10 0.00	47.72 0.14 0.00
WESTERN_NY_WIND 24143	42.05 -4.20 3.20	30.61 -3.89 4.79	26.48 -3.51 5.11	24.53 -2.82 3.97	23.76 -2.80 4.56	22.95 -2.95 5.19	23.26 -2.99 5.26	25.14 -2.99 5.80	28.25 -3.13 6.31	30.41 -3.94 7.15	32.23 -4.44 8.17	34.41 -4.47 7.69	34.65 -4.78 7.87	34.72 -4.91 9.95	36.28 -4.97 10.52	38.43 -5.63 12.84	44.58 -6.16 14.82	51.06 -6.85 16.56	56.22 -6.02 17.97	54.32 -6.15 18.39	50.63 -5.24 13.05	44.44 -4.38 9.59	39.89 -4.88 6.64	40.95 -4.28 2.34
WESTOVER___LESR 323668	49.76 -0.44 -0.76	40.00 -0.43 -1.13	35.96 -0.35 -1.21	32.06 -0.19 -0.94	31.99 -0.22 -1.08	32.07 -0.25 -1.23	32.48 -0.28 -1.25	35.16 -0.14 -1.37	38.96 -0.23 -1.49	42.70 -0.50 -1.69	46.24 -0.54 -1.94	47.96 -0.47 -1.86	48.73 -0.47 -1.90	50.52 -0.50 -1.44	52.77 -0.41 -1.41	58.16 -0.40 -1.66	66.91 -0.33 -1.67	76.50 -0.15 -2.17	82.35 0.24 -1.90	80.56 0.08 -1.63	70.01 0.07 -1.03	59.32 -0.06 -0.95	52.37 -0.41 -1.36	47.61 -0.43 -0.46
WETHRSFD_WT_PWR 323626	27.71 -4.05 17.68	9.11 -3.65 26.53	3.52 -3.30 28.29	6.57 -2.79 21.95	2.91 -2.96 25.26	-0.53 -2.89 28.73	-0.53 -2.90 29.15	-0.92 -2.75 32.11	-0.53 -3.28 34.94	-2.15 -4.07 39.58	-5.46 -5.02 45.28	-0.53 -4.84 42.26	-0.86 -4.92 43.24	-0.86 -5.10 45.33	-0.97 -5.23 47.52	-5.19 -5.57 56.51	-3.45 -6.17 62.85	-1.11 -5.73 69.85	-0.04 -6.10 74.15	-0.53 -5.83 73.55	12.96 -5.03 50.93	14.91 -4.09 39.42	13.56 -3.70 34.15	31.61 -4.14 11.83
WHAVSTOR_138KV_BK127 55557	51.67 2.22 0.00	41.22 1.93 0.00	36.82 1.72 0.00	33.10 1.78 0.00	32.78 1.65 0.00	32.71 1.62 0.00	33.09 1.58 0.00	35.90 1.97 0.00	39.80 2.11 0.00	43.83 2.32 0.00	47.67 2.83 0.00	49.65 3.07 0.00	50.42 3.12 0.00	53.04 3.47 0.00	55.40 3.62 0.00	61.05 4.15 0.00	70.48 4.92 0.00	80.13 5.66 0.00	86.23 6.02 0.00	84.14 5.28 0.00	73.12 4.20 0.00	61.63 3.21 0.00	54.61 3.19 0.00	50.48 2.90 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	51.67 2.22 0.00	41.22 1.93 0.00	36.82 1.72 0.00	33.10 1.78 0.00	32.78 1.65 0.00	32.71 1.62 0.00	33.09 1.58 0.00	35.90 1.97 0.00	39.80 2.11 0.00	43.83 2.32 0.00	47.67 2.83 0.00	49.65 3.07 0.00	50.42 3.12 0.00	53.04 3.47 0.00	55.40 3.62 0.00	61.05 4.15 0.00	70.48 4.92 0.00	80.13 5.66 0.00	86.23 6.02 0.00	84.14 5.28 0.00	73.12 4.20 0.00	61.63 3.21 0.00	54.61 3.19 0.00	50.48 2.90 0.00
WHITEHAL_115KV_TB1 80871	53.80 4.35 0.00	42.72 3.42 0.00	38.23 3.12 0.00	34.16 2.85 0.00	33.90 2.77 0.00	33.76 2.67 0.00	34.26 2.74 0.00	36.81 2.88 0.00	40.44 2.75 0.00	44.57 3.07 0.00	47.85 3.00 0.00	49.88 3.31 0.00	50.61 3.31 0.00	53.14 3.57 0.00	55.76 3.99 0.00	61.57 4.67 0.00	71.40 5.84 0.00	81.40 6.93 0.00	88.39 8.18 0.00	86.90 8.04 0.00	76.01 7.10 0.00	64.50 6.08 0.00	56.41 4.99 0.00	51.86 4.28 0.00
WHITEPLN_13_KV_LOAD 356215	52.51 3.07 0.00	41.81 2.51 0.00	37.35 2.25 0.00	33.53 2.22 0.00	33.21 2.09 0.00	33.17 2.08 0.00	33.53 2.02 0.00	36.37 2.44 0.00	40.37 2.68 0.00	44.45 2.95 0.00	48.43 3.59 0.00	50.44 3.87 0.00	51.32 4.02 0.00	54.18 4.61 0.00	56.69 4.92 0.00	62.59 5.69 0.00	72.39 6.82 0.00	82.36 7.89 0.00	88.71 8.50 0.00	86.66 7.81 0.00	75.05 6.13 0.00	63.15 4.73 0.00	55.79 4.37 0.00	51.53 3.95 0.00
WM_FLOYD_69_KV_BK2 356380	53.25 3.81 0.00	42.64 3.34 0.00	38.05 2.95 0.00	34.03 2.72 0.00	33.71 2.58 0.00	33.54 2.46 0.00	34.07 2.55 0.00	37.02 3.09 0.00	41.46 3.77 0.00	44.91 3.40 0.00	49.10 4.26 0.00	52.14 4.61 -0.96	52.46 4.59 -0.57	55.11 5.21 -0.33	60.54 5.13 -3.64	70.58 5.18 -8.50	85.26 6.69 -13.00	93.44 7.67 -11.30	95.63 7.54 -7.88	92.35 6.70 -6.80	81.44 5.24 -7.29	63.05 3.97 -0.66	55.95 4.52 -0.01	52.19 4.61 0.00
WOODARD___115KV_TB2 355635	48.31 -1.14 0.00	38.43 -0.86 0.00	34.44 -0.67 0.00	30.78 -0.53 0.00	30.60 -0.53 0.00	30.53 -0.56 0.00	30.88 -0.63 0.00	33.39 -0.54 0.00	37.01 -0.68 0.00	40.55 -0.95 0.00	43.77 -1.08 0.00	45.55 -1.02 0.00	46.26 -1.04 0.00	47.97 -1.09 0.52	50.05 -1.14 0.59	54.93 -1.19 0.77	63.23 -1.31 1.03	72.50 -1.41 0.55	77.79 -1.20 1.21	76.08 -1.26 1.51	66.67 -1.10 1.14	56.64 -1.05 0.73	50.11 -1.18 0.13	46.38 -1.14 0.06
YORK___WARBASSE 23770	52.77 3.31 -0.01	42.09 2.79 -0.01	37.60 2.49 -0.01	33.76 2.44 -0.01	33.47 2.33 -0.01	33.41 2.30 -0.02	33.82 2.30 -0.01	36.67 2.71 -0.02	40.59 2.90 0.00	51.81 3.20 -7.11	57.67 3.81 -9.01	59.19 3.96 -8.65	60.89 3.97 -9.62	62.62 4.31 -8.73	65.27 4.56 -8.94	94.16 5.12 -32.14	98.53 5.97 -27.00	100.06 6.85 -18.74	102.12 7.38 -14.53	85.81 6.62 -0.33	74.17 5.24 -0.02	62.76 4.32 -0.02	60.64 4.22 -5.01	55.11 4.00 -3.53