

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/26/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	33.11	31.23	29.38	28.73	27.85	29.26	30.83	32.53	34.68	38.13	40.48	41.55	46.65	51.28	54.36	72.17	88.29	101.34	94.48	84.78	63.97	52.10	42.06	37.86
24138	2.42	2.10	2.10	2.20	1.97	2.14	2.36	2.69	3.04	3.40	3.38	3.32	3.73	4.62	5.08	6.91	8.33	9.21	7.73	5.96	4.15	3.12	2.71	2.93
	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	-3.59	0.00	-6.25	-5.23	-5.17	-2.42	0.00	0.00
74TH STREET_GT_1	33.36	31.22	29.44	28.73	27.87	29.26	30.80	32.44	34.68	38.12	40.55	41.55	46.65	51.09	54.07	72.24	88.29	101.24	94.56	84.86	64.13	52.14	42.10	37.89
24260	2.67	2.10	2.16	2.20	1.99	2.14	2.33	2.60	3.04	3.40	3.45	3.33	3.73	4.43	4.78	6.98	8.32	9.12	7.81	6.03	4.32	3.17	2.75	2.97
	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	-3.59	0.00	-6.25	-5.23	-5.17	-2.42	0.00	0.00
74TH STREET_GT_2	33.36	31.22	29.44	28.73	27.87	29.26	30.80	32.44	34.68	38.12	40.55	41.55	46.65	51.09	54.07	72.24	88.29	101.24	94.56	84.86	64.13	52.14	42.10	37.89
24261	2.67	2.10	2.16	2.20	1.99	2.14	2.33	2.60	3.04	3.40	3.45	3.33	3.73	4.43	4.78	6.98	8.32	9.12	7.81	6.03	4.32	3.17	2.75	2.97
	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	-3.59	0.00	-6.25	-5.23	-5.17	-2.42	0.00	0.00
ADK HUDSON___FALLS	32.65	30.96	29.14	28.26	27.61	28.96	30.43	31.84	33.83	37.15	39.44	40.67	45.66	50.20	53.38	70.73	94.54	100.32	108.04	97.50	76.69	58.84	42.54	37.58
24011	1.96	1.84	1.86	1.72	1.73	1.84	1.96	2.00	2.18	2.43	2.34	2.45	2.75	3.55	4.09	5.48	6.72	8.20	7.65	7.21	5.52	4.56	3.19	2.65
	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	-11.44	0.00	-19.89	-16.69	-16.52	-7.72	0.00	0.00
ADK RESOURCE___RCVRY	32.78	31.14	29.27	28.39	27.74	29.12	30.63	32.08	34.05	37.39	39.62	40.90	45.92	50.67	53.92	71.39	95.42	101.42	109.16	98.51	77.45	59.43	42.89	37.82
23798	2.09	2.01	1.99	1.86	1.86	2.01	2.16	2.24	2.40	2.67	2.52	2.67	3.00	4.01	4.63	6.13	7.56	9.30	8.70	8.17	6.23	5.12	3.54	2.90
	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	-11.48	0.00	-19.96	-16.75	-16.58	-7.74	0.00	0.00
ADK S GLENS___FALLS	32.65	30.96	29.14	28.26	27.61	28.96	30.43	31.84	33.83	37.15	39.44	40.67	45.66	50.20	53.38	70.73	94.54	100.32	108.04	97.50	76.69	58.84	42.54	37.58
24028	1.96	1.84	1.86	1.72	1.73	1.84	1.96	2.00	2.18	2.43	2.34	2.45	2.75	3.55	4.09	5.48	6.72	8.20	7.65	7.21	5.52	4.56	3.19	2.65
	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	-11.44	0.00	-19.89	-16.69	-16.52	-7.72	0.00	0.00
ADK_NYS___DAM	32.47	30.85	29.03	28.34	27.59	28.91	30.32	31.57	33.51	36.77	39.40	40.56	45.49	49.87	52.93	69.82	90.91	98.30	101.95	91.71	71.46	55.60	41.75	37.26
23527	1.78	1.72	1.75	1.81	1.71	1.79	1.85	1.73	1.87	2.05	2.30	2.33	2.57	3.22	3.65	4.57	5.34	6.17	5.48	4.71	3.55	2.84	2.40	2.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.19	0.00	-15.97	-13.40	-13.26	-6.19	0.00	0.00
AIR_PRODUCTS___DRP	31.46	29.83	28.13	27.35	26.66	27.90	29.24	30.50	32.47	35.62	38.10	38.99	43.73	47.92	50.81	67.21	86.37	94.61	96.00	86.67	67.13	52.97	40.29	35.87
24190	0.77	0.70	0.85	0.82	0.78	0.79	0.77	0.66	0.82	0.90	1.00	0.76	0.82	1.26	1.53	1.96	2.29	2.49	2.09	1.84	1.37	1.21	0.94	0.94
	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	-7.71	0.00	-13.40	-11.24	-11.12	-5.20	0.00	0.00
AKWESSNE_115KV_BK	30.01	28.52	26.68	25.95	25.31	26.47	27.70	29.10	30.95	33.85	36.17	37.19	41.67	45.02	47.12	46.96	58.35	65.86	63.00	70.50	49.34	44.98	38.17	33.98
355683	-0.68	-0.61	-0.60	-0.58	-0.57	-0.65	-0.77	-0.75	-0.70	-0.87	-0.93	-1.03	-1.24	-1.63	-2.17	-2.94	-3.82	-4.51	-3.78	-3.09	-2.46	-1.58	-1.18	-0.94
	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	15.35	14.20	21.75	13.72	0.00	2.85	0.00	0.00	0.00
ALBANY___1	31.46	29.83	28.13	27.35	26.66	27.90	29.24	30.50	32.47	35.62	38.10	38.99	43.73	47.92	50.81	67.21	86.37	94.61	96.00	86.67	67.13	52.97	40.29	35.87
23571	0.77	0.70	0.85	0.82	0.78	0.79	0.77	0.66	0.82	0.90	1.00	0.76	0.82	1.26	1.53	1.96	2.29	2.49	2.09	1.84	1.37	1.21	0.94	0.94
	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	-7.71	0.00	-13.40	-11.24	-11.12	-5.20	0.00	0.00
ALBANY___2	31.46	29.83	28.13	27.35	26.66	27.90	29.24	30.50	32.47	35.62	38.10	38.99	43.73	47.92	50.81	67.21	86.37	94.61	96.00	86.67	67.13	52.97	40.29	35.87
23572	0.77	0.70	0.85	0.82	0.78	0.79	0.77	0.66	0.82	0.90	1.00	0.76	0.82	1.26	1.53	1.96	2.29	2.49	2.09	1.84	1.37	1.21	0.94	0.94
	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	-7.71	0.00	-13.40	-11.24	-11.12	-5.20	0.00	0.00
ALBANY___3	31.46	29.83	28.13	27.35	26.66	27.90	29.24	30.50	32.47	35.62	38.10	38.99	43.73	47.92	50.81	67.21	86.37	94.61	96.00	86.67	67.13	52.97	40.29	35.87
23573	0.77	0.70	0.85	0.82	0.78	0.79	0.77	0.66	0.82	0.90	1.00	0.76	0.82	1.26	1.53	1.96	2.29	2.49	2.09	1.84	1.37	1.21	0.94	0.94
	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	-7.71	0.00	-13.40	-11.24	-11.12	-5.20	0.00	0.00

ALBANY___4 23574	31.46 0.77 0.00	29.83 0.70 0.00	28.13 0.85 0.00	27.35 0.82 0.00	26.66 0.78 0.00	27.90 0.79 0.00	29.24 0.77 0.00	30.50 0.66 0.00	32.47 0.82 0.00	35.62 0.90 0.00	38.10 1.00 0.00	38.99 0.76 0.00	43.73 0.82 0.00	47.92 1.26 0.00	50.81 1.53 0.00	67.21 1.96 0.00	86.37 2.29 -7.71	94.61 2.49 0.00	96.00 2.09 -13.40	86.67 1.84 -11.24	67.13 1.37 -11.12	52.97 1.21 -5.20	40.29 0.94 0.00	35.87 0.94 0.00
ALBANY___LFGE 323615	31.73 1.04 0.00	30.17 1.05 0.00	28.40 1.12 0.00	27.65 1.11 0.00	26.92 1.04 0.00	28.20 1.09 0.00	29.58 1.11 0.00	30.89 1.04 0.00	32.82 1.17 0.00	36.04 1.32 0.00	38.51 1.41 0.00	39.48 1.26 0.00	44.33 1.41 0.00	48.66 2.00 0.00	51.65 2.37 0.00	68.19 2.94 0.00	88.71 3.52 -8.82	96.08 3.96 0.00	99.30 3.46 -15.34	89.48 3.02 -12.87	69.62 2.24 -12.74	54.42 1.91 -5.95	40.81 1.46 0.00	36.28 1.36 0.00
ALCOA_PA_115KV_PL-6C 55860	30.07 -0.61 0.00	28.60 -0.52 0.00	26.76 -0.52 0.00	26.03 -0.50 0.00	25.36 -0.52 0.00	26.55 -0.57 0.00	27.76 -0.71 0.00	29.13 -0.72 0.00	31.01 -0.63 0.00	33.92 -0.80 0.00	36.25 -0.85 0.00	37.31 -0.92 0.00	41.80 -1.12 0.00	45.16 -1.49 0.00	47.26 -2.02 0.00	47.14 -3.26 14.85	54.09 -4.58 17.70	56.99 -5.25 29.88	57.28 -4.43 18.80	69.99 -3.61 0.00	48.07 -2.68 3.90	45.12 -1.44 0.00	38.29 -1.06 0.00	34.08 -0.84 0.00
ALCOA_RYNLDS___DRP 24188	30.07 -0.61 0.00	28.60 -0.52 0.00	26.76 -0.52 0.00	26.03 -0.50 0.00	25.36 -0.52 0.00	26.55 -0.57 0.00	27.76 -0.71 0.00	29.13 -0.72 0.00	31.01 -0.63 0.00	33.92 -0.80 0.00	36.25 -0.85 0.00	37.31 -0.92 0.00	41.80 -1.12 0.00	45.16 -1.49 0.00	47.26 -2.02 0.00	47.14 -3.26 14.85	54.09 -4.58 17.70	56.99 -5.25 29.88	57.28 -4.43 18.80	69.99 -3.61 0.00	48.07 -2.68 3.90	45.12 -1.44 0.00	38.29 -1.06 0.00	34.08 -0.84 0.00
ALCOA___DSASP 323711	30.07 -0.61 0.00	28.60 -0.52 0.00	26.76 -0.52 0.00	26.06 -0.48 0.00	25.39 -0.49 0.00	26.55 -0.57 0.00	27.79 -0.68 0.00	29.16 -0.69 0.00	31.01 -0.63 0.00	33.92 -0.80 0.00	36.36 -0.74 0.00	37.31 -0.92 0.00	41.80 -1.12 0.00	44.98 -1.68 0.00	46.77 -2.51 0.00	47.14 -3.26 14.85	54.10 -4.58 17.70	56.99 -5.25 29.88	57.20 -4.51 18.80	69.99 -3.60 0.00	48.07 -2.68 3.90	45.17 -1.40 0.00	38.29 -1.06 0.00	34.08 -0.84 0.00
ALLEGHENY___COGEN 23514	33.05 2.36 0.00	31.11 1.98 0.00	28.84 1.55 0.00	27.73 1.20 0.00	27.22 1.34 0.00	28.58 1.46 0.00	30.12 1.65 0.00	31.36 1.52 0.00	32.50 0.85 0.00	35.55 0.83 0.00	37.91 0.82 0.00	38.69 0.46 0.00	43.39 0.47 0.00	47.22 0.56 0.00	47.71 -1.58 0.00	63.03 -2.22 0.00	76.01 -2.68 -2.31	94.59 -1.20 -3.67	84.32 0.32 -3.49	75.93 1.47 -0.86	57.96 2.46 -0.85	48.31 1.35 -0.40	42.34 2.99 0.00	37.61 2.69 0.00
ALTAMONT_115KV_TB 2 55880	31.85 1.17 0.00	30.21 1.08 0.00	28.43 1.15 0.00	27.67 1.14 0.00	26.97 1.09 0.00	28.26 1.14 0.00	29.61 1.14 0.00	30.89 1.04 0.00	32.85 1.20 0.00	36.04 1.32 0.00	38.55 1.45 0.00	39.49 1.26 0.00	44.33 1.42 0.00	48.52 1.87 0.00	51.40 2.12 0.00	68.06 2.81 0.00	86.58 3.28 -6.92	95.81 3.68 0.00	95.76 3.22 -12.03	86.56 2.87 -10.09	66.82 2.19 -9.99	53.00 1.77 -4.67	40.77 1.42 0.00	36.28 1.36 0.00
ALTONA_WT_PWR 323606	30.51 -0.18 0.00	28.95 -0.17 0.00	26.96 -0.33 0.00	26.19 -0.35 0.00	25.44 -0.44 0.00	26.63 -0.49 0.00	27.90 -0.57 0.00	29.45 -0.39 0.00	31.55 -0.09 0.00	33.71 -1.01 0.00	35.99 -1.11 0.00	36.20 -2.03 0.00	39.83 -3.09 0.00	43.11 -3.55 0.00	45.05 -4.24 0.00	44.74 -5.35 15.16	53.27 -7.02 16.08	59.50 -7.83 24.79	62.07 -5.23 13.20	69.48 -4.12 0.00	48.46 -3.44 2.74	43.91 -2.65 0.00	37.50 -1.85 0.00	34.05 -0.87 0.00
AMERICAN_REF_FUEL 24010	31.09 0.40 0.00	29.33 0.21 0.00	27.04 -0.25 0.00	25.92 -0.61 0.00	25.49 -0.39 0.00	26.71 -0.41 0.00	28.27 -0.20 0.00	29.75 -0.09 0.00	31.11 -0.54 0.00	34.41 -0.31 0.00	36.66 -0.44 0.00	38.53 0.30 0.00	43.35 0.43 0.00	46.84 0.19 0.00	50.07 0.79 0.00	65.45 0.20 0.00	79.46 0.84 -2.24	96.26 0.92 -3.21	84.73 0.97 -3.25	75.68 1.33 -0.76	57.09 1.70 -0.75	47.33 0.42 -0.35	39.66 0.31 0.00	34.68 -0.24 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.59 1.90 0.00	30.58 1.46 0.00	28.26 0.98 0.00	27.09 0.56 0.00	26.60 0.72 0.00	27.88 0.76 0.00	29.58 1.11 0.00	31.30 1.46 0.00	32.91 1.27 0.00	36.63 1.91 0.00	39.18 2.08 0.00	41.21 2.98 0.00	46.52 3.61 0.00	50.43 3.78 0.00	54.02 4.73 0.00	70.54 5.28 0.00	85.37 6.72 -2.28	103.82 8.11 -3.59	90.72 6.76 -3.45	80.50 6.04 -0.87	60.20 4.70 -0.86	49.80 2.84 -0.40	41.43 2.08 0.00	35.97 1.05 0.00
ARTHUR_KILL_GT_1 23520	33.21 2.52 -0.01	31.20 2.07 0.00	29.46 2.18 0.00	28.79 2.25 -0.01	27.90 2.02 0.00	29.15 2.03 0.00	30.66 2.19 0.00	32.28 2.45 0.01	34.49 2.85 0.01	35.64 3.26 2.34	38.71 3.23 1.61	40.13 3.14 1.23	40.74 3.18 5.35	40.80 3.96 9.82	42.01 4.29 11.56	53.51 6.40 18.15	71.14 7.71 12.94	76.44 8.20 23.88	62.61 7.25 25.14	47.82 5.15 30.92	42.12 3.66 16.19	41.21 2.56 7.91	40.98 2.48 0.85	37.81 2.90 0.01
ARTHUR_KILL_2 23512	33.09 2.40 -0.01	31.11 1.98 0.00	29.38 2.10 0.00	28.72 2.18 -0.01	27.79 1.92 0.00	29.07 1.95 0.00	30.58 2.11 0.00	32.19 2.36 0.01	34.39 2.75 0.01	35.54 3.16 2.34	38.56 3.08 1.61	39.98 2.98 1.23	40.61 3.05 5.35	40.61 3.78 9.82	41.81 4.09 11.56	53.18 6.07 18.15	70.76 7.33 12.94	75.98 7.74 23.88	62.20 6.84 25.14	47.45 4.78 30.92	41.84 3.39 16.19	41.02 2.37 7.91	40.82 2.32 0.85	37.67 2.76 0.01
ARTHUR_KILL_3 23513	32.71 2.02 0.00	30.84 1.72 0.01	29.03 1.75 0.00	28.39 1.86 0.00	27.51 1.63 0.00	28.88 1.76 0.00	30.46 1.99 0.00	32.08 2.24 0.00	34.21 2.56 0.00	35.24 2.85 2.33	38.24 2.75 1.60	39.64 2.64 1.22	40.53 2.96 5.35	40.53 3.68 9.81	41.82 4.09 11.55	52.92 5.81 18.14	70.39 6.95 12.94	75.71 7.46 23.87	61.73 6.36 25.13	47.39 4.71 30.92	41.69 3.22 16.18	41.03 2.37 7.90	40.59 2.08 0.84	37.40 2.48 0.00
ARTHUR_KILL_COGEN 323718	33.21 2.52 -0.01	31.20 2.07 0.00	29.46 2.18 0.00	28.79 2.25 -0.01	27.90 2.02 0.00	29.15 2.03 0.00	30.66 2.19 0.00	32.28 2.45 0.01	34.49 2.85 0.01	35.64 3.26 2.34	38.71 3.23 1.61	40.13 3.14 1.23	40.74 3.18 5.35	40.80 3.96 9.82	42.01 4.29 11.56	53.51 6.40 18.15	71.14 7.71 12.94	76.44 8.20 23.88	62.61 7.25 25.14	47.82 5.15 30.92	42.12 3.66 16.19	41.21 2.56 7.91	40.98 2.48 0.85	37.81 2.90 0.01
ASHOKAN____ 23654	32.04 1.35 0.00	30.38 1.25 0.00	28.54 1.26 0.00	27.78 1.25 0.00	26.92 1.04 0.00	28.09 0.97 0.00	29.49 1.02 0.00	30.65 0.81 0.00	32.44 0.79 0.00	35.55 0.83 0.00	38.21 1.11 0.00	39.03 0.80 0.00	43.86 0.94 0.00	48.15 1.49 0.00	51.31 2.02 0.00	68.06 2.80 0.00	84.60 2.83 -5.40	96.64 4.51 0.00	93.11 3.22 -9.38	84.32 2.87 -7.86	64.50 2.08 -7.78	51.68 1.49 -3.63	41.08 1.73 0.00	36.50 1.57 0.00

ASTORIA_EAST_ENERGY_CC1 323581	33.18 2.48 -0.01	31.25 2.13 0.00	29.44 2.15 -0.01	28.79 2.25 0.00	27.85 1.97 0.00	29.12 2.01 0.00	30.75 2.28 0.00	32.23 2.39 0.00	34.33 2.69 0.01	37.73 3.02 0.01	40.02 2.93 0.01	41.05 2.83 0.01	45.87 2.96 0.01	50.33 3.68 0.01	53.22 3.94 0.01	70.92 5.67 0.01	86.92 6.95 -3.59	99.31 7.19 0.01	93.43 6.68 -6.25	83.53 4.71 -5.22	62.70 2.89 -5.17	51.20 2.23 -2.41	41.43 2.08 0.01	37.83 2.90 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	33.18 2.48 -0.01	31.25 2.13 0.00	29.44 2.15 -0.01	28.79 2.25 0.00	27.85 1.97 0.00	29.12 2.01 0.00	30.75 2.28 0.00	32.23 2.39 0.00	34.33 2.69 0.01	37.73 3.02 0.01	40.02 2.93 0.01	41.05 2.83 0.01	45.87 2.96 0.01	50.33 3.68 0.01	53.22 3.94 0.01	70.92 5.67 0.01	86.92 6.95 -3.59	99.31 7.19 0.01	93.43 6.68 -6.25	83.53 4.71 -5.22	62.70 2.89 -5.17	51.20 2.23 -2.41	41.43 2.08 0.01	37.83 2.90 -0.01
ASTORIA_GT2_1 24094	33.34 2.64 -0.01	31.20 2.07 0.00	29.47 2.18 -0.01	28.76 2.23 0.00	27.85 1.97 0.00	29.12 2.01 0.00	30.61 2.14 0.00	32.17 2.33 0.00	34.34 2.69 0.00	37.77 3.06 0.01	40.18 3.08 0.00	41.09 2.87 0.00	45.92 3.00 0.00	50.20 3.55 0.00	53.03 3.75 0.00	71.00 5.74 0.00	86.92 6.95 -3.59	99.39 7.28 0.01	93.03 6.28 -6.25	83.60 4.78 -5.22	63.63 3.83 -5.17	51.20 2.23 -2.41	41.48 2.12 0.00	37.86 2.93 -0.01
ASTORIA_GT2_2 24095	33.34 2.64 -0.01	31.20 2.07 0.00	29.47 2.18 -0.01	28.76 2.23 0.00	27.85 1.97 0.00	29.12 2.01 0.00	30.61 2.14 0.00	32.17 2.33 0.00	34.34 2.69 0.00	37.77 3.06 0.01	40.18 3.08 0.00	41.09 2.87 0.00	45.92 3.00 0.00	50.20 3.55 0.00	53.03 3.75 0.00	71.00 5.74 0.00	86.92 6.95 -3.59	99.39 7.28 0.01	93.03 6.28 -6.25	83.60 4.78 -5.22	63.63 3.83 -5.17	51.20 2.23 -2.41	41.48 2.12 0.00	37.86 2.93 -0.01
ASTORIA_GT2_3 24096	33.34 2.64 -0.01	31.20 2.07 0.00	29.47 2.18 -0.01	28.76 2.23 0.00	27.85 1.97 0.00	29.12 2.01 0.00	30.61 2.14 0.00	32.17 2.33 0.00	34.34 2.69 0.00	37.77 3.06 0.01	40.18 3.08 0.00	41.09 2.87 0.00	45.92 3.00 0.00	50.20 3.55 0.00	53.03 3.75 0.00	71.00 5.74 0.00	86.92 6.95 -3.59	99.39 7.28 0.01	93.03 6.28 -6.25	83.60 4.78 -5.22	63.63 3.83 -5.17	51.20 2.23 -2.41	41.48 2.12 0.00	37.86 2.93 -0.01
ASTORIA_GT2_4 24097	33.34 2.64 -0.01	31.20 2.07 0.00	29.47 2.18 -0.01	28.76 2.23 0.00	27.85 1.97 0.00	29.12 2.01 0.00	30.61 2.14 0.00	32.17 2.33 0.00	34.34 2.69 0.00	37.77 3.06 0.01	40.18 3.08 0.00	41.09 2.87 0.00	45.92 3.00 0.00	50.20 3.55 0.00	53.03 3.75 0.00	71.00 5.74 0.00	86.92 6.95 -3.59	99.39 7.28 0.01	93.03 6.28 -6.25	83.60 4.78 -5.22	63.63 3.83 -5.17	51.20 2.23 -2.41	41.48 2.12 0.00	37.86 2.93 -0.01
ASTORIA_GT3_1 24098	33.34 2.64 -0.01	31.20 2.07 0.00	29.47 2.18 -0.01	28.76 2.23 0.00	27.85 1.97 0.00	29.12 2.01 0.00	30.61 2.14 0.00	32.17 2.33 0.00	34.34 2.69 0.00	37.77 3.06 0.01	40.18 3.08 0.00	41.09 2.87 0.00	45.92 3.00 0.00	50.20 3.55 0.00	53.03 3.75 0.00	71.00 5.74 0.00	86.92 6.95 -3.59	99.39 7.28 0.01	93.03 6.28 -6.25	83.60 4.78 -5.22	63.63 3.83 -5.17	51.20 2.23 -2.41	41.48 2.12 0.00	37.86 2.93 -0.01
ASTORIA_GT3_2 24099	33.34 2.64 -0.01	31.20 2.07 0.00	29.47 2.18 -0.01	28.76 2.23 0.00	27.85 1.97 0.00	29.12 2.01 0.00	30.61 2.14 0.00	32.1																

ASTORIA_GT_10 24110	33.27 2.58 -0.01	31.08 1.95 0.00	29.36 2.07 0.00	28.65 2.12 0.00	27.77 1.89 0.00	29.10 1.98 0.00	30.63 2.16 0.00	32.23 2.39 0.00	34.46 2.82 0.00	37.92 3.19 -0.01	40.33 3.23 0.00	41.24 3.02 0.00	46.14 3.22 0.00	50.44 3.78 0.00	53.28 3.99 0.00	71.32 6.07 0.00	87.30 7.33 -3.59	99.85 7.74 0.01	93.35 6.60 -6.25	83.67 4.86 -5.22	63.42 3.61 -5.17	51.44 2.47 -2.41	41.71 2.36 0.00	37.75 2.83 0.00
ASTORIA_GT_11 24225	33.27 2.58 -0.01	31.08 1.95 0.00	29.36 2.07 0.00	28.65 2.12 0.00	27.77 1.89 0.00	29.10 1.98 0.00	30.63 2.16 0.00	32.23 2.39 0.00	34.46 2.82 0.00	37.92 3.19 -0.01	40.33 3.23 0.00	41.24 3.02 0.00	46.14 3.22 0.00	50.44 3.78 0.00	53.28 3.99 0.00	71.32 6.07 0.00	87.30 7.33 -3.59	99.85 7.74 0.01	93.35 6.60 -6.25	83.67 4.86 -5.22	63.42 3.61 -5.17	51.44 2.47 -2.41	41.71 2.36 0.00	37.75 2.83 0.00
ASTORIA_GT_12 24226	33.27 2.58 -0.01	31.08 1.95 0.00	29.36 2.07 0.00	28.65 2.12 0.00	27.77 1.89 0.00	29.10 1.98 0.00	30.63 2.16 0.00	32.23 2.39 0.00	34.46 2.82 0.00	37.92 3.19 -0.01	40.33 3.23 0.00	41.24 3.02 0.00	46.14 3.22 0.00	50.44 3.78 0.00	53.28 3.99 0.00	71.32 6.07 0.00	87.30 7.33 -3.59	99.85 7.74 0.01	93.35 6.60 -6.25	83.67 4.86 -5.22	63.42 3.61 -5.17	51.44 2.47 -2.41	41.71 2.36 0.00	37.75 2.83 0.00
ASTORIA_GT_13 24227	33.27 2.58 -0.01	31.08 1.95 0.00	29.36 2.07 0.00	28.65 2.12 0.00	27.77 1.89 0.00	29.10 1.98 0.00	30.63 2.16 0.00	32.23 2.39 0.00	34.46 2.82 0.00	37.92 3.19 -0.01	40.33 3.23 0.00	41.24 3.02 0.00	46.14 3.22 0.00	50.44 3.78 0.00	53.28 3.99 0.00	71.32 6.07 0.00	87.30 7.33 -3.59	99.85 7.74 0.01	93.35 6.60 -6.25	83.67 4.86 -5.22	63.42 3.61 -5.17	51.44 2.47 -2.41	41.71 2.36 0.00	37.75 2.83 0.00
ASTORIA_GT_5 24106	33.27 2.58 -0.01	31.34 2.21 0.00	29.53 2.24 -0.01	28.87 2.34 0.00	27.90 2.02 0.00	29.18 2.06 0.00	30.83 2.36 0.00	32.32 2.48 0.00	34.42 2.79 0.01	37.87 3.16 0.01	40.17 3.08 0.01	41.16 2.94 0.01	46.00 3.09 0.01	50.47 3.83 0.01	53.37 4.09 0.01	71.18 5.94 0.01	87.23 7.26 -3.59	99.67 7.56 0.01	93.75 7.00 -6.25	83.82 5.01 -5.22	62.87 3.06 -5.17	51.34 2.37 -2.41	41.54 2.20 0.01	37.93 3.00 -0.01
ASTORIA_GT_7 24107	33.27 2.58 -0.01	31.34 2.21 0.00	29.53 2.24 -0.01	28.87 2.34 0.00	27.90 2.02 0.00	29.18 2.06 0.00	30.83 2.36 0.00	32.32 2.48 0.00	34.42 2.79 0.01	37.87 3.16 0.01	40.17 3.08 0.01	41.16 2.94 0.01	46.00 3.09 0.01	50.47 3.83 0.01	53.37 4.09 0.01	71.18 5.94 0.01	87.23 7.26 -3.59	99.67 7.56 0.01	93.75 7.00 -6.25	83.82 5.01 -5.22	62.87 3.06 -5.17	51.34 2.37 -2.41	41.54 2.20 0.01	37.93 3.00 -0.01
ASTORIA_GT_8 24108	33.43 2.73 -0.01	31.25 2.13 0.00	29.53 2.24 -0.01	28.84 2.31 0.00	27.90 2.02 0.00	29.18 2.06 0.00	30.66 2.19 0.00	32.23 2.39 0.00	34.43 2.78 0.00	37.87 3.16 0.01	40.25 3.15 0.00	41.21 2.98 0.00	46.05 3.13 0.00	50.34 3.69 0.00	53.23 3.94 0.00	71.19 5.94 0.00	87.22 7.26 -3.59	99.67 7.55 0.01	93.27 6.52 -6.25	83.82 5.00 -5.22	63.80 3.99 -5.17	51.34 2.37 -2.41	41.55 2.20 0.00	37.93 3.00 -0.01
ASTORIA___2 24149	33.18 2.48 -0.01	31.28 2.16 0.00	29.47 2.18 -0.01	28.81 2.28 0.00	27.85 1.97 0.00	29.12 2.01 0.00	30.75 2.28 0.00	32.26 2.42 0.00	34.33 2.69 0.01	37.77 3.06 0.01	40.06 2.97 0.01	41.05 2.83 0.01	45.87 2.96 0.01	50.33 3.68 0.01	53.22 3.94 0.01	70.99 5.74 0.01	86.99 7.02 -3.59	99.39 7.28 0.01	93.51 6.76 -6.25	83.59 4.78 -5.22	62.70 2.89 -5.17	51.25 2.28 -2.41	41.47 2.12 0.01	37.86 2.93 -0.01
ASTORIA___3 23516	33.09 2.40 -0.01	31.17 2.04 0.00	29.35 2.07 0.00	28.68 2.15 0.00	27.79 1.92 0.00	29.12 2.01 0.00	30.72 2.25 0.00	32.32 2.48 0.00	34.46 2.82 0.00	37.92 3.19 -0.01	40.22 3.12 0.00	41.24 3.02 0.00	46.09 3.18 0.00	50.53 3.87 0.00	53.47 4.19 0.00	71.32 6.07 0.00	87.30 7.33 -3.59	99.86 7.74 0.01	93.51 6.76 -6.25	83.67 4.86 -5.22	63.09 3.28 -5.17	51.44 2.47 -2.41	41.67 2.32 0.00	37.75 2.83 0.00
ASTORIA___4 23517	33.27 2.58 -0.01	31.08 1.95 0.00	29.36 2.07 0.00	28.65 2.12 0.00	27.77 1.89 0.00	29.10 1.98 0.00	30.63 2.16 0.00	32.23 2.39 0.00	34.46 2.82 0.00	37.92 3.19 -0.01	40.33 3.23 0.00	41.24 3.02 0.00	46.14 3.22 0.00	50.44 3.78 0.00	53.28 3.99 0.00	71.32 6.07 0.00	87.22 7.26 -3.59	99.85 7.74 0.01	93.35 6.60 -6.25	83.67 4.86 -5.22	63.42 3.61 -5.17	51.44 2.47 -2.41	41.71 2.36 0.00	37.75 2.83 0.00
ASTORIA___5 23518	33.09 2.40 -0.01	31.17 2.04 0.00	29.35 2.07 0.00	28.68 2.15 0.00	27.79 1.92 0.00	29.12 2.01 0.00	30.72 2.25 0.00	32.32 2.48 0.00	34.46 2.82 0.00	37.92 3.19 -0.01	40.22 3.12 0.00	41.24 3.02 0.00	46.09 3.18 0.00	50.53 3.87 0.00	53.47 4.19 0.00	71.32 6.07 0.00	87.30 7.33 -3.59	99.86 7.74 0.01	93.51 6.76 -6.25	83.67 4.86 -5.22	63.09 3.28 -5.17	51.44 2.47 -2.41	41.67 2.32 0.00	37.75 2.83 0.00
AST_ENERGY_2_CC3 323677	32.87 2.18 0.00	31.02 1.89 0.00	29.19 1.91 0.00	28.52 1.99 0.00	27.64 1.76 0.00	29.02 1.90 0.00	30.58 2.11 0.00	32.23 2.39 0.00	34.33 2.69 0.00	37.71 2.99 0.00	40.03 2.93 0.00	41.05 2.83 0.00	46.09 3.18 0.00	50.62 3.96 0.00	53.67 4.38 0.00	71.39 6.13 0.00	87.37 7.41 -3.59	100.13 8.01 0.00	93.51 6.76 -6.25	83.90 5.07 -5.23	63.37 3.55 -5.17	51.58 2.61 -2.42	41.63 2.28 0.00	37.54 2.62 0.00
AST_ENERGY_2_CC4 323678	32.87 2.18 0.00	31.02 1.89 0.00	29.19 1.91 0.00	28.52 1.99 0.00	27.64 1.76 0.00	29.02 1.90 0.00	30.58 2.11 0.00	32.23 2.39 0.00	34.33 2.69 0.00	37.71 2.99 0.00	40.03 2.93 0.00	41.05 2.83 0.00	46.09 3.18 0.00	50.62 3.96 0.00	53.67 4.38 0.00	71.39 6.13 0.00	87.37 7.41 -3.59	100.13 8.01 0.00	93.51 6.76 -6.25	83.90 5.07 -5.23	63.37 3.55 -5.17	51.58 2.61 -2.42	41.63 2.28 0.00	37.54 2.62 0.00
ATHENS_STG_1 23668	31.92 1.23 0.00	30.35 1.22 0.00	28.56 1.28 0.00	27.83 1.30 0.00	27.10 1.22 0.00	28.39 1.27 0.00	29.75 1.28 0.00	31.09 1.25 0.00	33.04 1.39 0.00	36.25 1.53 0.00	38.66 1.56 0.00	39.71 1.49 0.00	44.64 1.72 0.00	48.94 2.29 0.00	51.90 2.61 0.00	68.51 3.26 0.00	84.00 3.82 -3.81	96.27 4.15 0.00	90.76 3.63 -6.63	82.23 3.09 -5.55	62.38 2.24 -5.49	50.85 1.72 -2.56	40.76 1.41 0.00	36.39 1.47 0.00
ATHENS_STG_2 23670	31.92 1.23 0.00	30.35 1.22 0.00	28.56 1.28 0.00	27.83 1.30 0.00	27.10 1.22 0.00	28.39 1.27 0.00	29.75 1.28 0.00	31.09 1.25 0.00	33.04 1.39 0.00	36.25 1.53 0.00	38.66 1.56 0.00	39.71 1.49 0.00	44.64 1.72 0.00	48.94 2.29 0.00	51.90 2.61 0.00	68.51 3.26 0.00	84.00 3.82 -3.81	96.27 4.15 0.00	90.76 3.63 -6.63	82.23 3.09 -5.55	62.38 2.24 -5.49	50.85 1.72 -2.56	40.76 1.41 0.00	36.39 1.47 0.00

ATHENS_STG_3 23677	31.92 1.23 0.00	30.35 1.22 0.00	28.56 1.28 0.00	27.83 1.30 0.00	27.10 1.22 0.00	28.39 1.27 0.00	29.75 1.28 0.00	31.09 1.25 0.00	33.04 1.39 0.00	36.25 1.53 0.00	38.66 1.56 0.00	39.71 1.49 0.00	44.64 1.72 0.00	48.94 2.29 0.00	51.90 2.61 0.00	68.51 3.26 0.00	84.00 3.82 -3.81	96.27 4.15 0.00	90.76 3.63 -6.63	82.23 3.09 -5.55	62.38 2.24 -5.49	50.85 1.72 -2.56	40.76 1.41 0.00	36.39 1.47 0.00
AUBURN____LFGE 323710	31.30 0.61 0.00	29.80 0.67 0.00	27.66 0.38 0.00	26.88 0.34 0.00	26.29 0.41 0.00	27.58 0.46 0.00	29.04 0.57 0.00	30.71 0.87 0.00	32.31 0.66 0.00	35.55 0.83 0.00	37.84 0.74 0.00	39.29 1.07 0.00	44.20 1.29 0.00	48.15 1.49 0.00	51.55 2.27 0.00	68.26 3.00 0.00	82.82 3.67 -2.78	103.97 4.88 -6.96	89.29 4.19 -4.60	78.04 3.83 -0.62	58.94 3.11 -1.18	49.13 2.28 -0.28	41.00 1.65 0.00	36.04 1.12 0.00
BABYLON_RES_REC 323704	34.59 3.16 -0.74	32.01 2.88 0.00	30.72 2.81 -0.62	29.29 2.76 0.00	28.39 2.51 0.00	29.95 2.82 -0.02	31.70 3.08 -0.15	33.10 3.25 0.00	35.19 3.54 0.00	38.68 3.96 0.00	40.33 3.23 0.00	41.48 3.25 0.00	47.20 3.05 -1.24	51.14 4.48 0.00	53.95 4.63 -0.03	70.67 5.41 0.00	86.46 6.49 -3.60	99.77 7.64 0.00	93.98 6.36 -7.12	84.27 4.56 -6.11	62.87 3.06 -5.17	51.97 2.98 -2.43	43.23 2.87 -1.01	40.36 3.77 -1.67
BABYLON__69_KV_BK2 356345	35.17 3.74 -0.74	32.07 2.94 0.00	31.10 3.19 -0.63	29.53 3.00 0.00	28.73 2.85 0.00	30.31 3.17 -0.02	32.04 3.42 -0.16	33.42 3.58 0.00	35.63 3.99 0.00	39.17 4.44 0.00	41.59 4.49 0.00	42.59 4.36 -0.01	50.64 4.29 -3.43	52.21 5.55 0.00	55.25 5.72 -0.25	74.40 6.98 -2.16	92.86 8.32 -8.16	106.57 9.86 -4.59	101.89 8.29 -13.09	91.47 6.33 -11.55	64.24 4.43 -5.17	53.09 4.05 -2.48	45.83 3.70 -2.78	40.92 4.33 -1.67
BARON_WINDS____WT_PWR 323822	31.85 1.17 0.00	30.03 0.90 0.00	27.83 0.55 0.00	26.82 0.29 0.00	26.32 0.44 0.00	27.58 0.46 0.00	29.18 0.71 0.00	30.80 0.95 0.00	32.37 0.73 0.00	35.73 1.01 0.00	38.14 1.04 0.00	39.87 1.64 0.00	44.89 1.98 0.00	48.85 2.19 0.00	52.09 2.81 0.00	68.45 3.20 0.00	81.34 4.12 -0.85	97.37 5.25 0.00	86.56 4.59 -1.47	78.84 4.12 -1.13	59.36 3.61 -1.12	49.27 2.19 -0.52	40.93 1.58 0.00	35.87 0.94 0.00
BARRETT_IC_1 23704	34.10 2.67 -0.74	31.52 2.39 -0.01	30.31 2.40 -0.63	28.92 2.39 0.00	28.03 2.15 0.00	29.52 2.39 -0.02	31.21 2.59 -0.15	32.68 2.84 0.00	34.68 3.04 0.00	37.98 3.26 0.00	39.66 2.56 0.00	40.83 2.60 0.00	45.70 2.79 0.00	50.71 4.06 0.00	53.72 4.44 0.00	70.34 5.09 0.01	86.07 6.11 -3.59	99.03 6.91 0.01	92.46 5.72 -6.24	82.85 4.05 -5.21	62.53 2.73 -5.16	51.54 2.56 -2.42	42.03 2.60 -0.08	39.74 3.14 -1.67
BARRETT_IC_10 23701	34.10 2.67 -0.74	31.52 2.39 -0.01	30.31 2.40 -0.63	28.92 2.39 0.00	28.03 2.15 0.00	29.52 2.39 -0.02	31.21 2.59 -0.15	32.68 2.84 0.00	34.68 3.04 0.00	37.98 3.26 0.00	39.66 2.56 0.00	40.83 2.60 0.00	45.70 2.79 0.00	50.71 4.06 0.00	53.72 4.44 0.00	70.34 5.09 0.01	86.07 6.11 -3.59	99.03 6.91 0.01	92.46 5.72 -6.24	82.85 4.05 -5.21	62.53 2.73 -5.16	51.54 2.56 -2.42	42.03 2.60 -0.08	39.74 3.14 -1.67
BARRETT_IC_11 23702	34.10 2.67 -0.74	31.52 2.39 -0.01	30.31 2.40 -0.63	28.92 2.39 0.00	28.03 2.15 0.00	29.52 2.39 -0.02	31.21 2.59 -0.15	32.68 2.84 0.00	34.68 3.04 0.00	37.98 3.26 0.00	39.66 2.56 0.00	40.83 2.60 0.00	45.70 2.79 0.00	50.71 4.06 0.00	53.72 4.44 0.00	70.34 5.09 0.01	86.07 6.11 -3.59	99.03 6.91 0.01	92.46 5.72 -6.24	82.85 4.05 -5.21	62.53 2.73 -5.16	51.54 2.56 -2.42	42.03 2.60 -0.08	39.74 3.14 -1.67
BARRETT_IC_12 23703	34.10 2.67 -0.74	31.52 2.39 -0.01	30.31 2.40 -0.63	28.92 2.39 0.00	28.03 2.15 0.00	29.52 2.39 -0.02	31.21 2.59 -0.15	32.68 2.84 0.00	34.68 3.04 0.00	37.98 3.26 0.00	39.66 2.56 0.00	40.83 2.60 0.00	45.70 2.79 0.00	50.71 4.06 0.00	53.72 4.44 0.00	70.34 5.09 0.01	86.07 6.11 -3.59	99.03 6.91 0.01	92.46 5.72 -6.24	82.85 4.05 -5.21	62.53 2.73 -5.16	51.54 2.56 -2.42	42.03 2.60 -0.08	39.74 3.14 -1.67
BARRETT_IC_2 23705	34.10 2.67 -0.74	31.52 2.39 -0.01	30.31 2.40 -0.63	28.92 2.39 0.00	28.03 2.15 0.00	29.52 2.39 -0.02	31.21 2.59 -0.15	32.68 2.84 0.00	34.68 3.04 0.00	37.98 3.26 0.00	39.66 2.56 0.00	40.83 2.60 0.00	45.70 2.79 0.00	50.71 4.06 0.00	53.72 4.44 0.00	70.34 5.09 0.01	86.07 6.11 -3.59	99.03 6.91 0.01	92.46 5.72 -6.24	82.85 4.05 -5.21	62.53 2.73 -5.16	51.54 2.56 -2.42	42.03 2.60 -0.08	39.74 3.14 -1.67
BARRETT_IC_3 23706	34.10 2.67 -0.74	31.52 2.39 -0.01	30.31 2.40 -0.63	28.92 2.39 0.00	28.03 2.15 0.00	29.52 2.39 -0.02	31.21 2.59 -0.15	32.68 2.84 0.00	34.68 3.04 0.00	37.98 3.26 0.00	39.66 2.56 0.00	40.83 2.60 0.00	45.70 2.79 0.00	50.71 4.06 0.00	53.72 4.44 0.00	70.34 5.09 0.01	86.07 6.11 -3.59	99.03 6.91 0.01	92.46 5.72 -6.24	82.85 4.05 -5.21	62.53 2.73 -5.16	51.54 2.56 -2.42	42.03 2.60 -0.08	39.74 3.14 -1.67
BARRETT_IC_4 23707	34.10 2.67 -0.74	31.52 2.39 -0.01	30.31 2.40 -0.63	28.92 2.39 0.00	28.03 2.15 0.00	29.52 2.39 -0.02	31.21 2.59 -0.15	32.68 2.84 0.00	34.68 3.04 0.00	37.98 3.26 0.00	39.66 2.56 0.00	40.83 2.60 0.00	45.70 2.79 0.00	50.71 4.06 0.00	53.72 4.44 0.00	70.34 5.09 0.01	86.07 6.11 -3.59	99.03 6.91 0.01	92.46 5.72 -6.24	82.85 4.05 -5.21	62.53 2.73 -5.16	51.54 2.56 -2.42	42.03 2.60 -0.08	39.74 3.14 -1.67
BARRETT_IC_5 23708	34.10 2.67 -0.74	31.52 2.39 -0.01	30.31 2.40 -0.63	28.92 2.39 0.00	28.03 2.15 0.00	29.52 2.39 -0.02	31.21 2.59 -0.15	32.68 2.84 0.00	34.68 3.04 0.00	37.98 3.26 0.00	39.66 2.56 0.00	40.83 2.60 0.00	45.70 2.79 0.00	50.71 4.06 0.00	53.72 4.44 0.00	70.34 5.09 0.01	86.07 6.11 -3.59	99.03 6.91 0.01	92.46 5.72 -6.24	82.85 4.05 -5.21	62.53 2.73 -5.16	51.54 2.56 -2.42	42.03 2.60 -0.08	39.74 3.14 -1.67
BARRETT_IC_6 23709	34.10 2.67 -0.74	31.52 2.39 -0.01	30.31 2.40 -0.63	28.92 2.39 0.00	28.03 2.15 0.00	29.52 2.39 -0.02	31.21 2.59 -0.15	32.68 2.84 0.00	34.68 3.04 0.00	37.98 3.26 0.00	39.66 2.56 0.00	40.83 2.60 0.00	45.70 2.79 0.00	50.71 4.06 0.00	53.72 4.44 0.00	70.34 5.09 0.01	86.07 6.11 -3.59	99.03 6.91 0.01	92.46 5.72 -6.24	82.85 4.05 -5.21	62.53 2.73 -5.16	51.54 2.56 -2.42	42.03 2.60 -0.08	39.74 3.14 -1.67
BARRETT_IC_7 23710	34.25 2.82 -0.74	31.34 2.21 0.00	30.31 2.40 -0.62	28.81 2.28 0.00	28.00 2.12 0.00	29.49 2.36 -0.02	31.15 2.53 -0.15	32.59 2.75 0.00	34.68 3.04 0.00	37.98 3.26 0.00	40.14 3.04 0.00	41.13 2.91 0.00	45.88 2.96 0.00	50.62 3.97 0.00	53.57 4.29 0.00	70.41 5.16 0.00	86.08 6.11 -3.60	99.03 6.91 0.00	92.47 5.72 -6.25	82.86 4.05 -5.22	62.60 2.79 -5.17	51.54 2.56 -2.42	42.03 2.60 -0.08	39.73 3.14 -1.67

BARRETT_IC_8 23711	34.10 2.67 -0.74	31.52 2.39 -0.01	30.31 2.40 -0.63	28.92 2.39 0.00	28.03 2.15 0.00	29.52 2.39 -0.02	31.21 2.59 -0.15	32.68 2.84 0.00	34.68 3.04 0.00	37.98 3.26 0.00	39.66 2.56 0.00	40.83 2.60 0.00	45.70 2.79 0.00	50.71 4.06 0.00	53.72 4.44 0.00	70.34 5.09 0.01	86.07 6.11 -3.59	99.03 6.91 0.01	92.46 5.72 -6.24	82.85 4.05 -5.21	62.53 2.73 -5.16	51.54 2.56 -2.42	42.03 2.60 -0.08	39.74 3.14 -1.67
BARRETT_IC_9 23700	34.10 2.67 -0.74	31.52 2.39 -0.01	30.31 2.40 -0.63	28.92 2.39 0.00	28.03 2.15 0.00	29.52 2.39 -0.02	31.21 2.59 -0.15	32.68 2.84 0.00	34.68 3.04 0.00	37.98 3.26 0.00	39.66 2.56 0.00	40.83 2.60 0.00	45.70 2.79 0.00	50.71 4.06 0.00	53.72 4.44 0.00	70.34 5.09 0.01	86.07 6.11 -3.59	99.03 6.91 0.01	92.46 5.72 -6.24	82.85 4.05 -5.21	62.53 2.73 -5.16	51.54 2.56 -2.42	42.03 2.60 -0.08	39.74 3.14 -1.67
BARRETT___1 23545	34.10 2.67 -0.74	31.52 2.39 -0.01	30.31 2.40 -0.63	28.92 2.39 0.00	28.03 2.15 0.00	29.52 2.39 -0.02	31.21 2.59 -0.15	32.68 2.84 0.00	34.68 3.04 0.00	37.98 3.26 0.00	39.66 2.56 0.00	40.83 2.60 0.00	45.70 2.79 0.00	50.71 4.06 0.00	53.72 4.44 0.00	70.34 5.09 0.01	86.07 6.11 -3.59	99.03 6.91 0.01	92.46 5.72 -6.24	82.85 4.05 -5.21	62.53 2.73 -5.16	51.54 2.56 -2.42	42.03 2.60 -0.08	39.74 3.14 -1.67
BARRETT___2 23546	34.10 2.67 -0.74	31.52 2.39 -0.01	30.31 2.40 -0.63	28.92 2.39 0.00	28.03 2.15 0.00	29.52 2.39 -0.02	31.21 2.59 -0.15	32.68 2.84 0.00	34.68 3.04 0.00	37.98 3.26 0.00	39.66 2.56 0.00	40.83 2.60 0.00	45.70 2.79 0.00	50.71 4.06 0.00	53.72 4.44 0.00	70.34 5.09 0.01	86.07 6.11 -3.59	99.03 6.91 0.01	92.46 5.72 -6.24	82.85 4.05 -5.21	62.53 2.73 -5.16	51.54 2.56 -2.42	42.03 2.60 -0.08	39.74 3.14 -1.67
BATAVIA___115KV_TB1 55881	31.85 1.17 0.00	30.55 1.43 0.00	28.05 0.76 0.00	27.12 0.58 0.00	26.53 0.65 0.00	27.88 0.76 0.00	29.58 1.11 0.00	31.33 1.49 0.00	32.44 0.79 0.00	35.76 1.04 0.00	38.10 1.00 0.00	40.06 1.83 0.00	45.11 2.19 0.00	48.94 2.29 0.00	52.39 3.10 0.00	68.45 3.20 0.00	83.49 4.89 -2.23	101.80 6.45 -3.23	89.35 5.64 -3.21	79.95 5.67 -0.69	60.03 4.70 -0.69	49.81 2.93 -0.32	41.59 2.24 0.00	36.28 1.36 0.00
BAYONEEC___CTG1 323682	32.87 2.18 0.00	31.02 1.89 0.00	29.19 1.91 0.00	28.52 1.99 0.00	27.66 1.78 0.00	29.02 1.90 0.00	30.61 2.14 0.00	32.26 2.42 0.00	34.37 2.72 0.00	37.74 3.02 0.00	40.03 2.93 0.00	41.09 2.87 0.00	46.09 3.18 0.00	50.62 3.96 0.00	53.67 4.38 0.00	71.46 6.20 0.00	87.37 7.41 -3.59	100.13 8.01 0.00	93.59 6.84 -6.25	83.90 5.07 -5.23	63.42 3.61 -5.17	51.61 2.65 -2.40	41.66 2.32 0.01	37.58 2.65 0.00
BAYONEEC___CTG10 323750	32.87 2.18 0.00	31.02 1.89 0.00	29.19 1.91 0.00	28.52 1.99 0.00	27.66 1.78 0.00	29.02 1.90 0.00	30.61 2.14 0.00	32.26 2.42 0.00	34.37 2.72 0.00	37.74 3.02 0.00	40.03 2.93 0.00	41.09 2.87 0.00	46.09 3.18 0.00	50.62 3.96 0.00	53.67 4.38 0.00	71.46 6.20 0.00	87.37 7.41 -3.59	100.13 8.01 0.00	93.59 6.84 -6.25	83.90 5.07 -5.23	63.42 3.61 -5.17	51.61 2.65 -2.40	41.66 2.32 0.01	37.58 2.65 0.00
BAYONEEC___CTG2 323683	32.87 2.18 0.00	31.02 1.89 0.00	29.19 1.91 0.00	28.52 1.99 0.00	27.66 1.78 0.00	29.02 1.90 0.00	30.61 2.14 0.00	32.26 2.42 0.00	34.37 2.72 0.00	37.74 3.02 0.00	40.03 2.93 0.00	41.09 2.87 0.00	46.09 3.18 0.00	50.62 3.96 0.00	53.67 4.38 0.00	71.46 6.20 0.00	87.37 7.41 -3.59	100.13 8.01 0.00	93.59 6.84 -6.25	83.90 5.07 -5.23	63.42 3.61 -5.17	51.61 2.65 -2.40	41.66 2.32 0.01	37.58 2.65 0.00
BAYONEEC___CTG3 323684	32.87 2.18 0.00	31.02 1.89 0.00	29.19 1.91 0.00	28.52 1.99 0.00	27.66 1.78 0.00	29.02 1.90 0.00	30.61 2.14 0.00	32.26 2.42 0.00	34.37 2.72 0.00	37.74 3.02 0.00	40.03 2.93 0.00	41.09 2.87 0.00	46.09 3.18 0.00	50.62 3.96 0.00	53.67 4.38 0.00	71.46 6.20 0.00	87.37 7.41 -3.59	100.13 8.01 0.00	93.59 6.84 -6.25	83.90 5.07 -5.23	63.42 3.61 -5.17	51.61 2.65 -2.40	41.66 2.32 0.01	37.58 2.65 0.00
BAYONEEC___CTG4 323685	32.87 2.18 0.00	31.02 1.89 0.00	29.19 1.91 0.00	28.52 1.99 0.00	27.66 1.78 0.00	29.02 1.90 0.00	30.61 2.14 0.00	32.26 2.42 0.00	34.37 2.72 0.00	37.74 3.02 0.00	40.03 2.93 0.00	41.09 2.87 0.00	46.09 3.18 0.00	50.62 3.96 0.00	53.67 4.38 0.00	71.46 6.20 0.00	87.37 7.41 -3.59	100.13 8.01 0.00	93.59 6.84 -6.25	83.90 5.07 -5.23	63.42 3.61 -5.17	51.61 2.65 -2.40	41.66 2.32 0.01	37.58 2.65 0.00
BAYONEEC___CTG5 323686	32.87 2.18 0.00	31.02 1.89 0.00	29.19 1.91 0.00	28.52 1.99 0.00	27.66 1.78 0.00	29.02 1.90 0.00	30.61 2.14 0.00	32.26 2.42 0.00	34.37 2.72 0.00	37.74 3.02 0.00	40.03 2.93 0.00	41.09 2.87 0.00	46.09 3.18 0.00	50.62 3.96 0.00	53.67 4.38 0.00	71.46 6.20 0.00	87.37 7.41 -3.59	100.13 8.01 0.00	93.59 6.84 -6.25	83.90 5.07 -5.23	63.42 3.61 -5.17	51.61 2.65 -2.40	41.66 2.32 0.01	37.58 2.65 0.00
BAYONEEC___CTG6 323687	32.87 2.18 0.00	31.02 1.89 0.00	29.19 1.91 0.00	28.52 1.99 0.00	27.66 1.78 0.00	29.02 1.90 0.00	30.61 2.14 0.00	32.26 2.42 0.00	34.37 2.72 0.00	37.74 3.02 0.00	40.03 2.93 0.00	41.09 2.87 0.00	46.09 3.18 0.00	50.62 3.96 0.00	53.67 4.38 0.00	71.46 6.20 0.00	87.37 7.41 -3.59	100.13 8.01 0.00	93.59 6.84 -6.25	83.90 5.07 -5.23	63.42 3.61 -5.17	51.61 2.65 -2.40	41.66 2.32 0.01	37.58 2.65 0.00
BAYONEEC___CTG7 323688	32.87 2.18 0.00	31.02 1.89 0.00	29.19 1.91 0.00	28.52 1.99 0.00	27.66 1.78 0.00	29.02 1.90 0.00	30.61 2.14 0.00	32.26 2.42 0.00	34.37 2.72 0.00	37.74 3.02 0.00	40.03 2.93 0.00	41.09 2.87 0.00	46.09 3.18 0.00	50.62 3.96 0.00	53.67 4.38 0.00	71.46 6.20 0.00	87.37 7.41 -3.59	100.13 8.01 0.00	93.59 6.84 -6.25	83.90 5.07 -5.23	63.42 3.61 -5.17	51.61 2.65 -2.40	41.66 2.32 0.01	37.58 2.65 0.00
BAYONEEC___CTG8 323689	32.87 2.18 0.00	31.02 1.89 0.00	29.19 1.91 0.00	28.52 1.99 0.00	27.66 1.78 0.00	29.02 1.90 0.00	30.61 2.14 0.00	32.26 2.42 0.00	34.37 2.72 0.00	37.74 3.02 0.00	40.03 2.93 0.00	41.09 2.87 0.00	46.09 3.18 0.00	50.62 3.96 0.00	53.67 4.38 0.00	71.46 6.20 0.00	87.37 7.41 -3.59	100.13 8.01 0.00	93.59 6.84 -6.25	83.90 5.07 -5.23	63.42 3.61 -5.17	51.61 2.65 -2.40	41.66 2.32 0.01	37.58 2.65 0.00
BAYONEEC___CTG9 323749	32.87 2.18 0.00	31.02 1.89 0.00	29.19 1.91 0.00	28.52 1.99 0.00	27.66 1.78 0.00	29.02 1.90 0.00	30.61 2.14 0.00	32.26 2.42 0.00	34.37 2.72 0.00	37.74 3.02 0.00	40.03 2.93 0.00	41.09 2.87 0.00	46.09 3.18 0.00	50.62 3.96 0.00	53.67 4.38 0.00	71.46 6.20 0.00	87.37 7.41 -3.59	100.13 8.01 0.00	93.59 6.84 -6.25	83.90 5.07 -5.23	63.42 3.61 -5.17	51.61 2.65 -2.40	41.66 2.32 0.01	37.58 2.65 0.00

BEACON___LESR 323632	31.98 1.29 0.00	30.38 1.25 0.00	28.56 1.28 0.00	27.78 1.25 0.00	27.07 1.19 0.00	28.39 1.27 0.00	29.81 1.34 0.00	31.15 1.31 0.00	33.10 1.46 0.00	36.32 1.60 0.00	38.81 1.71 0.00	39.79 1.57 0.00	44.55 1.63 0.00	48.90 2.24 0.00	51.90 2.61 0.00	68.51 3.26 0.00	88.05 3.89 -7.78	96.73 4.60 0.00	98.05 4.02 -13.52	88.54 3.61 -11.34	68.55 2.68 -11.23	54.04 2.23 -5.24	41.12 1.77 0.00	36.53 1.61 0.00
BEAVER RIVER___HYD 24048	31.06 0.37 0.00	29.45 0.32 0.00	27.42 0.14 0.00	26.61 0.08 0.00	26.14 0.26 0.00	27.44 0.33 0.00	28.75 0.28 0.00	29.93 0.09 0.00	31.71 0.06 0.00	34.65 -0.07 0.00	37.21 0.11 0.00	38.49 0.27 0.00	43.30 0.39 0.00	46.14 -0.51 0.00	48.99 -0.29 0.00	60.65 -0.39 4.22	111.21 -0.69 -35.52	172.80 -0.18 -80.86	131.81 0.49 -50.82	74.41 0.81 0.00	66.15 1.09 -10.42	48.33 1.77 0.00	40.41 1.06 0.00	35.34 0.42 0.00
BEEBEE_GT_13 23619	31.24 0.55 0.00	29.86 0.73 0.00	27.61 0.33 0.00	26.74 0.21 0.00	26.14 0.26 0.00	27.39 0.27 0.00	29.04 0.57 0.00	30.77 0.93 0.00	32.09 0.44 0.00	35.45 0.73 0.00	37.80 0.70 0.00	39.49 1.26 0.00	44.46 1.55 0.00	48.38 1.73 0.00	51.65 2.37 0.00	67.80 2.54 0.00	82.39 3.82 -2.20	100.49 5.16 -3.20	87.96 4.35 -3.10	78.51 4.34 -0.57	58.82 3.61 -0.57	49.01 2.19 -0.27	40.96 1.61 0.00	35.87 0.94 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.64 2.95 -0.01	31.37 2.24 0.00	29.66 2.37 0.00	28.95 2.41 -0.01	28.03 2.15 0.00	29.34 2.22 0.00	30.86 2.39 0.00	32.53 2.69 0.00	34.84 3.20 0.00	38.38 3.65 -0.01	40.85 3.75 0.00	41.82 3.59 0.00	46.74 3.82 0.00	51.09 4.43 0.00	53.97 4.68 0.00	85.95 7.11 -13.59	175.55 8.55 -90.62	101.41 9.21 -0.07	117.13 7.97 -28.65	84.78 5.96 -5.22	176.44 4.54 -117.26	52.09 3.12 -2.41	42.22 2.87 0.00	38.14 3.21 0.00
BETHLEHEM___GRP 23843	31.46 0.77 0.00	29.83 0.70 0.00	28.13 0.85 0.00	27.35 0.82 0.00	26.66 0.78 0.00	27.90 0.79 0.00	29.24 0.77 0.00	30.50 0.66 0.00	32.47 0.82 0.00	35.62 0.90 0.00	38.10 1.00 0.00	38.99 0.76 0.00	43.73 0.82 0.00	47.92 1.26 0.00	50.81 1.53 0.00	67.21 1.96 0.00	86.37 2.29 -7.71	94.61 2.49 0.00	96.00 2.09 -13.40	86.67 1.84 -11.24	67.13 1.37 -11.12	52.97 1.21 -5.20	40.29 0.94 0.00	35.87 0.94 0.00
BETHLEHEM___GS1 323560	31.39 0.71 0.00	29.86 0.73 0.00	28.13 0.85 0.00	27.38 0.85 0.00	26.65 0.78 0.00	27.93 0.81 0.00	29.27 0.80 0.00	30.56 0.72 0.00	32.47 0.82 0.00	35.62 0.90 0.00	38.03 0.93 0.00	38.99 0.76 0.00	43.69 0.77 0.00	47.96 1.30 0.00	50.86 1.58 0.00	67.15 1.89 0.00	86.37 2.29 -7.71	94.61 2.49 0.00	95.99 2.09 -13.40	86.67 1.84 -11.24	67.14 1.37 -11.12	52.96 1.21 -5.20	40.29 0.94 0.00	35.87 0.94 0.00
BETHLEHEM___GS2 323561	31.39 0.71 0.00	29.86 0.73 0.00	28.13 0.85 0.00	27.38 0.85 0.00	26.65 0.78 0.00	27.93 0.81 0.00	29.27 0.80 0.00	30.56 0.72 0.00	32.47 0.82 0.00	35.62 0.90 0.00	38.03 0.93 0.00	38.99 0.76 0.00	43.69 0.77 0.00	47.96 1.30 0.00	50.86 1.58 0.00	67.15 1.89 0.00	86.37 2.29 -7.71	94.61 2.49 0.00	95.99 2.09 -13.40	86.67 1.84 -11.24	67.14 1.37 -11.12	52.96 1.21 -5.20	40.29 0.94 0.00	35.87 0.94 0.00
BETHLEHEM___GS3 323562	31.39 0.71 0.00	29.86 0.73 0.00	28.13 0.85 0.00	27.38 0.85 0.00	26.65 0.78 0.00	27.93 0.81 0.00	29.27 0.80 0.00	30.56 0.72 0.00	32.47 0.82 0.00	35.62 0.90 0.00	38.03 0.93 0.00	38.99 0.76 0.00	43.69 0.77 0.00	47.96 1.30 0.00	50.86 1.58 0.00	67.15 1.89 0.00	86.37 2.29 -7.71	94.61 2.49 0.00	95.99 2.09 -13.40	86.67 1.84 -11.24	67.14 1.37 -11.12	52.96 1.21 -5.20	40.29 0.94 0.00	35.87 0.94 0.00
BETHLEHEM___STEEL 23779	31.58 0.89 0.00	30.29 1.17 0.00	27.83 0.55 0.00	26.96 0.42 0.00	26.37 0.49 0.00	27.61 0.49 0.00	29.32 0.85 0.00	31.07 1.22 0.00	32.25 0.60 0.00	35.73 1.01 0.00	37.99 0.89 0.00	39.94 1.72 0.00	45.02 2.10 0.00	48.76 2.10 0.00	52.39 3.10 0.00	68.32 3.07 0.00	82.99 4.35 -2.27	101.08 5.34 -3.62	88.59 4.67 -3.42	78.84 4.42 -0.83	59.29 3.83 -0.82	49.13 2.19 -0.38	41.04 1.69 0.00	35.80 0.87 0.00
BETHLHEM_115KV_TB1 79974	31.55 0.86 0.00	29.91 0.79 0.00	28.18 0.90 0.00	27.43 0.90 0.00	26.71 0.83 0.00	27.99 0.87 0.00	29.32 0.85 0.00	30.59 0.75 0.00	32.53 0.89 0.00	35.69 0.97 0.00	38.18 1.08 0.00	39.07 0.84 0.00	43.86 0.94 0.00	48.01 1.35 0.00	50.91 1.63 0.00	67.34 2.09 0.00	86.33 2.44 -7.52	94.80 2.67 0.00	95.90 2.33 -13.07	86.61 2.06 -10.96	67.02 1.53 -10.85	52.93 1.30 -5.07	40.37 1.02 0.00	35.97 1.05 0.00
BETHPAGE_CC_5 323564	34.41 2.98 -0.74	31.87 2.74 0.00	30.58 2.68 -0.62	29.19 2.65 0.00	28.26 2.38 0.00	29.79 2.66 -0.02	31.52 2.91 -0.15	32.95 3.10 0.00	35.07 3.42 0.00	38.54 3.82 0.00	40.22 3.12 0.00	41.44 3.21 0.00	46.96 3.39 -0.66	51.42 4.76 0.00	54.43 5.13 -0.02	71.39 6.13 0.00	87.23 7.26 -3.60	100.51 8.38 0.00	94.23 7.00 -6.73	84.46 5.15 -5.71	63.36 3.55 -5.17	52.15 3.17 -2.42	42.84 2.95 -0.54	40.15 3.56 -1.66
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.64 0.95 0.00	30.35 1.22 0.00	27.88 0.60 0.00	26.98 0.45 0.00	26.40 0.52 0.00	27.66 0.54 0.00	29.38 0.91 0.00	31.12 1.28 0.00	32.34 0.70 0.00	35.83 1.11 0.00	38.10 1.00 0.00	40.10 1.87 0.00	45.23 2.32 0.00	48.99 2.33 0.00	52.64 3.35 0.00	68.65 3.39 0.00	83.45 4.81 -2.27	101.54 5.80 -3.61	89.01 5.07 -3.43	79.14 4.71 -0.84	59.46 3.99 -0.83	49.32 2.37 -0.39	41.12 1.77 0.00	35.90 0.98 0.00
BINGHAMTON___COGEN 23790	31.33 0.64 0.00	29.83 0.70 0.00	27.75 0.46 0.00	26.93 0.40 0.00	26.32 0.44 0.00	27.61 0.49 0.00	29.10 0.63 0.00	30.62 0.78 0.00	32.28 0.63 0.00	35.52 0.80 0.00	37.95 0.85 0.00	39.37 1.15 0.00	44.29 1.37 0.00	48.29 1.63 0.00	51.40 2.12 0.00	67.86 2.61 0.00	80.83 3.21 -1.25	96.86 4.05 -0.68	86.32 3.46 -2.36	78.43 3.09 -1.74	58.99 2.62 -1.73	49.14 1.77 -0.81	40.65 1.30 0.00	35.83 0.91 0.00
BIXINCNT_115KV_LOAD 355685	31.67 0.98 0.00	30.29 1.17 0.00	27.83 0.55 0.00	26.90 0.37 0.00	26.32 0.44 0.00	27.58 0.46 0.00	29.32 0.85 0.00	31.12 1.28 0.00	32.44 0.79 0.00	36.08 1.35 0.00	38.32 1.22 0.00	40.33 2.10 0.00	45.58 2.66 0.00	49.41 2.75 0.00	52.93 3.65 0.00	69.17 3.92 0.00	84.01 5.35 -2.29	102.05 6.36 -3.57	89.45 5.47 -3.47	79.50 5.00 -0.90	59.74 4.21 -0.89	49.58 2.61 -0.41	41.08 1.73 0.00	35.69 0.77 0.00
BLACK RIVER___HYD 24047	31.52 0.83 0.00	29.86 0.73 0.00	27.74 0.46 0.00	26.90 0.37 0.00	26.47 0.60 0.00	27.82 0.70 0.00	29.18 0.71 0.00	30.26 0.42 0.00	32.00 0.35 0.00	35.00 0.28 0.00	37.58 0.48 0.00	39.06 0.84 0.00	43.99 1.07 0.00	46.75 0.09 0.00	49.98 0.69 0.00	63.25 0.91 2.92	102.24 0.92 -24.95	152.00 2.02 -57.85	119.04 2.58 -35.96	76.39 2.80 0.00	64.66 2.73 -7.28	49.59 3.02 0.00	41.32 1.97 0.00	36.11 1.19 0.00

BLACKRVR_115KV_TB2 79977	31.46 0.77 0.00	29.89 0.76 0.00	27.75 0.46 0.00	26.93 0.40 0.00	26.47 0.60 0.00	27.82 0.71 0.00	29.18 0.71 0.00	30.29 0.45 0.00	31.99 0.35 0.00	35.00 0.28 0.00	37.54 0.45 0.00	39.03 0.80 0.00	43.95 1.03 0.00	47.82 1.17 0.00	50.07 0.79 0.00	63.18 0.85 2.92	102.23 0.92 -24.95	152.00 2.03 -57.85	119.04 2.58 -35.96	76.39 2.80 0.00	64.66 2.73 -7.28	48.56 2.00 0.00	41.32 1.97 0.00	36.11 1.19 0.00
BLISS_WT_PWR 323608	32.07 1.38 0.00	30.09 0.96 0.00	27.83 0.55 0.00	26.67 0.13 0.00	26.21 0.34 0.00	27.44 0.33 0.00	29.13 0.66 0.00	30.80 0.95 0.00	32.40 0.76 0.00	36.11 1.39 0.00	38.43 1.33 0.00	40.48 2.25 0.00	45.70 2.79 0.00	49.55 2.89 0.00	53.03 3.74 0.00	69.37 4.11 0.00	84.09 5.42 -2.29	102.14 6.45 -3.57	89.53 5.55 -3.47	79.50 5.01 -0.90	59.80 4.26 -0.89	49.63 2.65 -0.41	41.04 1.69 0.00	35.62 0.70 0.00
BLUE_CIRC_CHEM_DRP 24182	31.98 1.29 0.00	30.35 1.22 0.00	28.56 1.28 0.00	27.78 1.25 0.00	27.07 1.19 0.00	28.37 1.25 0.00	29.72 1.25 0.00	30.98 1.13 0.00	32.91 1.27 0.00	36.11 1.39 0.00	38.58 1.48 0.00	39.41 1.18 0.00	44.20 1.29 0.00	48.48 1.82 0.00	51.40 2.12 0.00	67.93 2.68 0.00	86.13 3.13 -6.62	95.62 3.50 0.00	95.08 3.06 -11.51	86.19 2.94 -9.65	66.44 2.24 -9.56	53.07 2.05 -4.46	40.96 1.61 0.00	36.42 1.50 0.00
BOC_GAS_DRP 24189	31.73 1.04 0.00	30.09 0.96 0.00	28.35 1.06 0.00	27.59 1.06 0.00	26.86 0.98 0.00	28.15 1.03 0.00	29.49 1.02 0.00	30.77 0.93 0.00	32.72 1.08 0.00	35.90 1.18 0.00	38.40 1.30 0.00	39.29 1.07 0.00	44.12 1.20 0.00	48.24 1.59 0.00	51.16 1.87 0.00	67.67 2.41 0.00	85.58 2.75 -6.45	95.16 3.04 0.00	94.30 2.58 -11.22	85.35 2.36 -9.40	65.65 1.69 -9.31	52.35 1.44 -4.35	40.53 1.18 0.00	36.14 1.22 0.00
BOONVILLE_115KV_TB1 79983	31.39 0.71 0.00	29.80 0.67 0.00	27.80 0.52 0.00	26.98 0.45 0.00	26.45 0.57 0.00	27.77 0.65 0.00	29.15 0.68 0.00	30.44 0.60 0.00	32.28 0.63 0.00	35.35 0.62 0.00	37.99 0.89 0.00	39.26 1.03 0.00	44.16 1.24 0.00	48.15 1.49 0.00	50.71 1.43 0.00	66.09 1.83 0.99	92.50 2.06 -14.07	126.76 2.95 -31.69	103.21 2.82 -19.89	76.25 2.65 0.00	61.05 2.35 -4.06	48.38 1.82 0.00	40.77 1.42 0.00	35.80 0.87 0.00
BORALEX_4TH_BRANCH 23824	32.47 1.78 0.00	30.85 1.72 0.00	29.03 1.75 0.00	28.34 1.81 0.00	27.59 1.71 0.00	28.91 1.79 0.00	30.32 1.85 0.00	31.57 1.73 0.00	33.51 1.87 0.00	36.77 2.05 0.00	39.40 2.30 0.00	40.56 2.33 0.00	45.49 2.57 0.00	49.87 3.22 0.00	52.93 3.65 0.00	69.82 4.57 0.00	90.91 5.34 -9.19	98.30 6.17 0.00	101.95 5.48 -15.97	91.71 4.71 -13.40	71.46 3.55 -13.26	55.60 2.84 -6.19	41.75 2.40 0.00	37.26 2.34 0.00
BOWLINE___1 23526	32.38 1.69 0.00	30.61 1.48 0.00	28.84 1.55 0.00	28.15 1.62 0.00	27.35 1.47 0.00	28.64 1.52 0.00	30.12 1.65 0.00	31.66 1.82 0.00	33.64 1.99 0.00	36.91 2.19 0.00	39.29 2.19 0.00	40.36 2.14 0.00	45.36 2.44 0.00	49.78 3.13 0.00	52.84 3.55 0.00	70.08 4.83 0.00	85.56 5.73 -3.45	98.30 6.17 0.00	91.74 5.23 -6.00	82.59 3.97 -5.02	62.45 2.84 -4.97	50.98 2.10 -2.32	41.12 1.77 0.00	36.84 1.92 0.00
BOWLINE___2 23595	32.41 1.72 0.00	30.67 1.54 0.00	28.86 1.58 0.00	28.18 1.65 0.00	27.38 1.50 0.00	28.66 1.54 0.00	30.15 1.68 0.00	31.72 1.88 0.00	33.70 2.06 0.00	36.91 2.19 0.00	39.29 2.19 0.00	40.36 2.14 0.00	45.36 2.44 0.00	49.83 3.17 0.00	52.84 3.55 0.00	70.15 4.90 0.00	85.56 5.73 -3.45	98.30 6.17 0.00	91.74 5.23 -6.00	82.59 3.97 -5.02	62.45 2.84 -4.97	50.98 2.10 -2.32	41.12 1.77 0.00	36.88 1.95 0.00
BRADY___115KV_TB2 356060	30.20 -0.49 0.00	28.72 -0.41 0.00	26.82 -0.46 0.00	26.08 -0.45 0.00	25.47 -0.41 0.00	26.66 -0.46 0.00	27.87 -0.60 0.00	29.19 -0.66 0.00	31.08 -0.57 0.00	33.92 -0.80 0.00	36.32 -0.78 0.00	37.42 -0.80 0.00	41.93 -0.99 0.00	45.30 -1.35 0.00	47.46 -1.82 0.00	48.16 -3.13 13.96	44.09 -4.51 27.78	42.70 -5.07 44.36	48.57 -4.11 27.83	70.43 -3.16 0.00	46.63 -2.24 5.77	45.49 -1.07 0.00	38.56 -0.79 0.00	34.26 -0.66 0.00
BRANSCOMB___SOLAR 323811	32.47 1.78 0.00	30.85 1.72 0.00	29.03 1.75 0.00	28.20 1.67 0.00	27.51 1.63 0.00	28.85 1.74 0.00	30.26 1.79 0.00	31.60 1.76 0.00	33.51 1.87 0.00	36.77 2.05 0.00	39.18 2.08 0.00	40.36 2.14 0.00	45.32 2.40 0.00	49.78 3.13 0.00	52.93 3.65 0.00	69.95 4.70 0.00	93.20 5.73 -11.10	98.94 6.82 0.00	106.08 6.28 -19.29	95.74 5.96 -16.19	75.20 4.53 -16.03	57.72 3.68 -7.48	42.06 2.71 0.00	37.30 2.38 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.96 3.53 -0.74	31.89 2.77 0.00	30.96 3.06 -0.63	29.37 2.84 0.00	28.60 2.72 0.00	30.17 3.04 -0.02	31.90 3.27 -0.16	33.21 3.37 0.00	35.38 3.73 0.00	38.89 4.17 0.00	41.22 4.12 0.00	42.12 3.86 -0.03	55.90 3.69 -9.30	51.46 4.81 0.00	54.32 4.93 -0.11	71.00 5.74 0.00	86.84 6.87 -3.60	100.23 8.11 0.00	96.21 6.68 -9.02	86.50 4.86 -8.05	63.15 3.33 -5.17	52.33 3.35 -2.42	49.73 3.27 -7.12	40.57 3.98 -1.67
BRISTLHL_115KV_TB1 79998	30.32 -0.37 0.00	28.84 -0.29 0.00	26.87 -0.41 0.00	26.08 -0.45 0.00	25.49 -0.39 0.00	26.74 -0.38 0.00	28.16 -0.31 0.00	29.57 -0.27 0.00	31.17 -0.47 0.00	34.27 -0.45 0.00	36.73 -0.37 0.00	38.03 -0.19 0.00	42.79 -0.13 0.00	46.61 -0.05 0.00	49.43 0.15 0.00	65.38 0.13 0.00	80.57 0.31 -3.89	104.94 0.64 -12.17	87.72 0.48 -6.73	74.04 0.44 0.00	56.20 0.60 -0.95	46.79 0.23 0.00	39.39 0.04 0.00	34.75 -0.17 0.00
BROOKHAVEN___DRP 24191	34.87 3.44 -0.74	31.75 2.62 0.00	31.11 3.19 -0.63	29.56 3.02 0.00	28.75 2.87 0.00	30.34 3.20 -0.03	32.12 3.44 -0.20	32.98 3.13 0.00	35.00 3.35 0.00	38.40 3.68 0.00	40.74 3.64 0.00	41.67 3.44 0.00	47.17 3.18 -1.08	51.15 4.48 -0.01	55.37 4.83 -1.26	80.75 5.61 -9.89	107.51 6.64 -24.49	121.03 7.92 -20.99	125.45 7.00 -37.94	116.04 5.15 -37.29	63.43 3.61 -5.18	52.52 3.21 -2.74	44.39 2.95 -2.09	40.37 3.77 -1.67
BROOKLYN_NAVY_YARD 23515	32.90 2.21 0.00	31.02 1.89 0.00	29.19 1.91 0.00	28.52 1.99 0.00	27.66 1.78 0.00	29.04 1.93 0.00	30.61 2.14 0.00	32.29 2.45 0.00	34.43 2.79 0.00	37.81 3.09 0.00	40.07 2.97 0.00	41.13 2.90 0.00	46.14 3.22 0.00	50.71 4.06 0.00	53.77 4.48 0.00	71.58 6.33 0.00	87.53 7.56 -3.59	100.42 8.29 0.00	93.75 7.00 -6.25	84.12 5.30 -5.23	63.53 3.72 -5.17	51.68 2.70 -2.42	41.75 2.40 0.00	37.61 2.69 0.00
BROOKLYN___ARMY_DRP 323595	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00

BROOKVLE_69_KV_TB1 55790	34.38 2.95 -0.74	31.49 2.36 0.00	30.39 2.48 -0.62	28.92 2.39 0.00	28.10 2.23 0.00	29.57 2.44 -0.02	31.26 2.65 -0.15	32.74 2.89 0.00	34.94 3.29 0.00	38.40 3.68 0.00	40.77 3.67 0.00	41.86 3.63 0.00	46.82 3.91 0.00	51.60 4.95 0.00	54.61 5.32 0.00	72.17 6.92 0.00	88.06 8.10 -3.60	101.34 9.21 0.00	94.40 7.65 -6.25	84.71 5.89 -5.22	63.97 4.15 -5.17	52.38 3.40 -2.42	42.35 2.99 -0.01	39.87 3.28 -1.67
BROOME_2_LFGE 323671	31.42 0.74 0.00	29.77 0.64 0.00	27.74 0.46 0.00	26.88 0.34 0.00	26.29 0.41 0.00	27.58 0.46 0.00	29.07 0.60 0.00	30.56 0.72 0.00	32.28 0.63 0.00	35.52 0.80 0.00	37.95 0.85 0.00	39.41 1.19 0.00	44.33 1.41 0.00	48.33 1.68 0.00	51.45 2.17 0.00	67.93 2.68 0.00	80.83 3.21 -1.25	96.85 4.05 -0.68	86.40 3.54 -2.36	78.43 3.09 -1.74	58.99 2.62 -1.73	49.18 1.81 -0.81	40.65 1.30 0.00	35.83 0.91 0.00
BROOME___LFGE 323600	31.42 0.74 0.00	29.77 0.64 0.00	27.74 0.46 0.00	26.88 0.34 0.00	26.29 0.41 0.00	27.58 0.46 0.00	29.07 0.60 0.00	30.56 0.72 0.00	32.28 0.63 0.00	35.52 0.80 0.00	37.95 0.85 0.00	39.41 1.19 0.00	44.33 1.41 0.00	48.33 1.68 0.00	51.45 2.17 0.00	67.93 2.68 0.00	80.83 3.21 -1.25	96.85 4.05 -0.68	86.40 3.54 -2.36	78.43 3.09 -1.74	58.99 2.62 -1.73	49.18 1.81 -0.81	40.65 1.30 0.00	35.83 0.91 0.00
BROWNFLS_115KV_TB_3_5 80003	30.35 -0.34 0.00	28.84 -0.29 0.00	26.87 -0.41 0.00	26.11 -0.42 0.00	25.54 -0.34 0.00	26.82 -0.30 0.00	28.07 -0.40 0.00	29.30 -0.54 0.00	31.14 -0.51 0.00	33.99 -0.73 0.00	36.39 -0.70 0.00	37.61 -0.61 0.00	42.23 -0.69 0.00	45.82 -0.84 0.00	47.86 -1.43 0.00	54.83 -2.35 8.08	136.22 -3.36 -63.20	231.65 -3.50 -143.02	168.34 -2.50 -90.33	71.76 -1.84 0.00	72.23 -1.04 -18.62	46.10 -0.47 0.00	39.19 -0.16 0.00	34.47 -0.45 0.00
BROWNSV1_27_KV_LOAD 356125	33.42 2.73 0.00	31.25 2.13 0.00	29.49 2.21 0.00	28.79 2.26 0.00	27.90 2.02 0.00	29.29 2.17 0.00	30.86 2.39 0.00	32.50 2.66 0.00	34.75 3.10 0.00	38.19 3.47 0.00	40.62 3.52 0.00	41.63 3.40 0.00	46.74 3.82 0.00	51.18 4.53 0.00	54.21 4.93 0.00	72.50 7.24 0.00	88.60 8.63 -3.59	101.61 9.49 0.00	94.80 8.05 -6.25	85.08 6.26 -5.23	64.30 4.48 -5.17	52.28 3.31 -2.42	42.18 2.83 0.00	37.96 3.04 0.00
BURROWS___LYONSDAL 23803	31.33 0.64 0.00	29.74 0.61 0.00	27.72 0.44 0.00	26.93 0.40 0.00	26.40 0.52 0.00	27.71 0.60 0.00	29.10 0.63 0.00	30.35 0.51 0.00	32.18 0.54 0.00	35.24 0.52 0.00	37.84 0.74 0.00	39.14 0.92 0.00	44.03 1.12 0.00	47.96 1.31 0.00	50.42 1.13 0.00	65.07 1.44 1.62	96.18 1.53 -18.28	135.86 2.40 -41.34	108.96 2.50 -25.96	75.95 2.36 0.00	62.14 2.19 -5.31	48.24 1.68 0.00	40.73 1.38 0.00	35.69 0.77 0.00
CAITHNESS_CC_1 323624	34.65 3.22 -0.74	32.27 3.15 0.00	31.00 3.08 -0.63	29.58 3.05 0.00	28.65 2.77 0.00	30.23 3.09 -0.03	32.00 3.33 -0.20	33.00 3.16 0.00	34.97 3.32 0.00	38.37 3.64 0.00	40.00 2.90 0.00	41.10 2.87 0.00	46.93 2.96 -1.06	51.15 4.48 -0.01	55.35 4.83 -1.23	80.09 5.41 -9.42	106.38 6.49 -23.52	119.87 7.74 -20.00	124.25 6.68 -37.07	114.98 4.86 -36.53	63.15 3.33 -5.18	52.48 3.02 -2.89	44.30 2.87 -2.08	40.30 3.70 -1.67
CALPINE BETH_PAGE_GT4 24209	34.50 3.07 -0.74	31.57 2.45 0.00	30.55 2.65 -0.62	29.03 2.49 0.00	28.23 2.36 0.00	29.76 2.63 -0.02	31.46 2.85 -0.15	32.83 2.98 0.00	35.00 3.35 0.00	38.47 3.75 0.00	40.66 3.56 0.00	41.67 3.44 0.00	46.91 3.52 -0.47	51.23 4.57 0.00	54.18 4.88 -0.01	71.26 6.00 0.00	87.07 7.10 -3.60	100.32 8.20 0.00	93.87 6.76 -6.61	84.19 5.00 -5.59	63.31 3.50 -5.17	52.05 3.07 -2.42	42.58 2.83 -0.39	40.08 3.49 -1.67
CALPINE_BETH_PAGE_GT_4 323586	34.35 2.92 -0.74	31.84 2.71 0.00	30.55 2.65 -0.62	29.16 2.63 0.00	28.26 2.38 0.00	29.76 2.63 -0.02	31.49 2.87 -0.15	32.89 3.05 0.00	35.00 3.35 0.00	38.47 3.75 0.00	40.10 3.00 0.00	41.32 3.09 0.00	46.74 3.35 -0.47	51.28 4.62 0.00	54.33 5.03 -0.01	71.25 6.00 0.00	87.07 7.10 -3.60	100.32 8.20 0.00	93.95 6.84 -6.61	84.19 5.01 -5.59	63.20 3.39 -5.17	52.06 3.07 -2.42	42.58 2.83 -0.39	40.08 3.49 -1.67
CALPINE_BP_GT1 23823	34.35 2.92 -0.74	31.84 2.71 0.00	30.55 2.65 -0.62	29.16 2.63 0.00	28.26 2.38 0.00	29.76 2.63 -0.02	31.49 2.87 -0.15	32.89 3.05 0.00	35.00 3.35 0.00	38.47 3.75 0.00	40.10 3.00 0.00	41.32 3.09 0.00	46.74 3.35 -0.47	51.28 4.62 0.00	54.33 5.03 -0.01	71.25 6.00 0.00	87.07 7.10 -3.60	100.32 8.20 0.00	93.95 6.84 -6.61	84.19 5.01 -5.59	63.20 3.39 -5.17	52.06 3.07 -2.42	42.58 2.83 -0.39	40.08 3.49 -1.67
CALSPAN___DRP 24200	31.58 0.89 0.00	30.29 1.17 0.00	27.83 0.55 0.00	26.96 0.42 0.00	26.37 0.49 0.00	27.61 0.49 0.00	29.32 0.85 0.00	31.07 1.22 0.00	32.25 0.60 0.00	35.73 1.01 0.00	37.99 0.89 0.00	39.94 1.72 0.00	45.02 2.10 0.00	48.76 2.10 0.00	52.39 3.10 0.00	68.32 3.07 0.00	82.99 4.35 -2.27	101.08 5.34 -3.62	88.59 4.67 -3.42	78.84 4.42 -0.83	59.29 3.83 -0.82	49.13 2.19 -0.38	41.04 1.69 0.00	35.80 0.87 0.00
CALVERTON___SOLAR 323806	34.87 3.44 -0.74	32.56 3.44 0.00	31.27 3.35 -0.63	29.85 3.32 0.00	28.91 3.03 0.00	30.51 3.36 -0.03	32.32 3.65 -0.20	33.12 3.28 0.00	35.07 3.42 0.00	38.51 3.79 0.00	40.18 3.08 0.00	41.29 3.06 0.00	47.22 3.22 -1.09	51.47 4.81 -0.01	55.78 5.22 -1.27	81.14 5.88 -10.01	108.16 7.02 -24.77	121.86 8.47 -21.26	126.34 7.65 -38.18	116.85 5.67 -37.58	63.70 3.88 -5.18	52.97 3.49 -2.91	44.62 3.19 -2.09	40.54 3.95 -1.67
CANDIGU_WT_PWR 323617	31.85 1.17 0.00	30.03 0.90 0.00	27.83 0.55 0.00	26.82 0.29 0.00	26.32 0.44 0.00	27.58 0.46 0.00	29.18 0.71 0.00	30.80 0.95 0.00	32.37 0.73 0.00	35.73 1.01 0.00	38.14 1.04 0.00	39.87 1.64 0.00	44.89 1.98 0.00	48.85 2.19 0.00	52.09 2.81 0.00	68.45 3.20 0.00	81.34 4.12 -0.85	97.37 5.25 0.00	86.56 4.59 -1.47	78.84 4.12 -1.13	59.36 3.61 -1.12	49.27 2.19 -0.52	40.93 1.58 0.00	35.87 0.94 0.00
CARR STREET_E_SYR 24060	30.57 -0.12 0.00	28.95 -0.17 0.00	27.01 -0.27 0.00	26.16 -0.37 0.00	25.60 -0.28 0.00	26.85 -0.27 0.00	28.27 -0.20 0.00	29.69 -0.15 0.00	31.27 -0.38 0.00	34.41 -0.31 0.00	36.88 -0.22 0.00	38.22 0.00 0.00	42.96 0.04 0.00	46.80 0.14 0.00	49.73 0.44 0.00	65.77 0.52 0.00	80.46 0.76 -3.32	100.82 1.11 -7.58	86.47 0.89 -5.08	74.33 0.74 0.00	56.18 0.76 -0.77	46.93 0.37 0.00	39.51 0.16 0.00	34.85 -0.07 0.00
CARTHAGE___PAPER 23857	31.21 0.52 0.00	29.59 0.46 0.00	27.53 0.24 0.00	26.72 0.19 0.00	26.24 0.36 0.00	27.55 0.43 0.00	28.90 0.43 0.00	30.02 0.18 0.00	31.77 0.13 0.00	34.72 0.00 0.00	37.25 0.15 0.00	38.61 0.38 0.00	43.43 0.52 0.00	45.63 -1.03 0.00	48.55 -0.74 0.00	60.85 -0.98 3.42	104.11 -1.30 -29.04	158.14 -0.74 -66.75	122.38 0.16 -41.71	74.26 0.66 0.00	64.17 1.04 -8.50	48.84 2.28 0.00	40.76 1.41 0.00	35.66 0.73 0.00

CASSADAGA_WT_PWR 323784	32.80 2.12 0.00	30.79 1.66 0.00	28.45 1.17 0.00	27.27 0.74 0.00	26.78 0.91 0.00	28.09 0.97 0.00	29.86 1.39 0.00	31.63 1.79 0.00	33.20 1.55 0.00	36.98 2.26 0.00	39.55 2.45 0.00	41.59 3.36 0.00	46.95 4.03 0.00	50.81 4.15 0.00	54.46 5.17 0.00	71.06 5.81 0.00	86.06 7.41 -2.28	104.56 8.84 -3.59	91.36 7.40 -3.45	81.09 6.63 -0.87	60.59 5.08 -0.86	50.17 3.21 -0.40	41.71 2.36 0.00	36.18 1.26 0.00
CE_DUNWOOD___DRP 24194	32.87 2.18 0.00	30.88 1.75 0.00	29.11 1.83 0.00	28.39 1.86 0.00	27.56 1.68 0.00	28.91 1.79 0.00	30.41 1.94 0.00	31.96 2.12 0.00	34.08 2.44 0.00	37.43 2.71 0.00	39.92 2.82 0.00	40.94 2.71 0.00	46.01 3.09 0.00	50.34 3.69 0.00	53.38 4.09 0.00	71.13 5.87 0.00	86.83 6.87 -3.58	99.68 7.55 0.00	93.17 6.44 -6.23	83.81 5.00 -5.21	63.36 3.55 -5.16	51.62 2.65 -2.41	41.63 2.28 0.00	37.33 2.41 0.00
CE_MILLWOOD___DRP 24193	32.78 2.09 0.00	30.79 1.66 0.00	29.05 1.77 0.00	28.31 1.78 0.00	27.51 1.63 0.00	28.85 1.74 0.00	30.32 1.85 0.00	31.87 2.03 0.00	33.99 2.34 0.00	37.29 2.57 0.00	39.77 2.67 0.00	40.79 2.56 0.00	45.84 2.92 0.00	50.20 3.55 0.00	53.23 3.94 0.00	70.87 5.61 0.00	86.58 6.64 -3.57	99.31 7.19 0.00	92.90 6.20 -6.20	83.57 4.78 -5.19	63.22 3.44 -5.13	51.52 2.56 -2.40	41.55 2.20 0.00	37.26 2.34 0.00
CE_NYC2_DRP 24202	33.27 2.58 -0.01	31.08 1.95 0.00	29.36 2.07 0.00	28.65 2.12 0.00	27.77 1.89 0.00	29.12 2.01 0.00	30.63 2.16 0.00	32.26 2.42 0.00	34.49 2.85 0.00	37.92 3.19 -0.01	40.36 3.26 0.00	41.28 3.06 0.00	46.18 3.26 0.00	50.48 3.83 0.00	53.38 4.09 0.00	71.39 6.13 0.00	87.38 7.41 -3.59	99.95 7.83 0.01	93.43 6.68 -6.25	83.75 4.93 -5.22	63.47 3.66 -5.17	51.53 2.56 -2.41	41.75 2.40 0.00	37.75 2.83 0.00
CE_NYC_DRP 24195	33.11 2.42 0.00	30.99 1.86 0.00	29.25 1.96 0.00	28.52 1.99 0.00	27.66 1.79 0.00	29.04 1.93 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.43 2.78 0.00	37.81 3.09 0.00	40.22 3.12 0.00	41.24 3.02 0.00	46.26 3.35 0.00	50.67 4.01 0.00	53.67 4.39 0.00	71.71 6.46 0.00	87.60 7.64 -3.59	100.41 8.29 0.00	93.75 7.00 -6.25	84.19 5.37 -5.23	63.59 3.77 -5.17	51.72 2.75 -2.42	41.75 2.40 0.00	37.61 2.69 0.00
CHAFFEE___LFGE 323603	32.07 1.38 0.00	30.09 0.96 0.00	27.86 0.57 0.00	26.74 0.21 0.00	26.29 0.41 0.00	27.55 0.43 0.00	29.21 0.74 0.00	30.80 0.95 0.00	32.34 0.70 0.00	35.83 1.11 0.00	38.25 1.15 0.00	40.29 2.06 0.00	45.45 2.53 0.00	49.17 2.52 0.00	52.68 3.40 0.00	68.91 3.65 0.00	83.61 4.96 -2.28	101.80 6.08 -3.59	89.26 5.31 -3.45	79.39 4.93 -0.86	59.65 4.15 -0.85	49.43 2.47 -0.40	41.20 1.85 0.00	35.97 1.05 0.00
CHATEAUG_35_KV_LOAD 355732	30.35 -0.34 0.00	28.78 -0.35 0.00	26.82 -0.46 0.00	26.05 -0.48 0.00	25.34 -0.54 0.00	26.52 -0.60 0.00	27.76 -0.71 0.00	29.30 -0.54 0.00	31.36 -0.28 0.00	33.71 -1.01 0.00	35.50 -1.60 0.00	36.35 -1.87 0.00	40.17 -2.75 0.00	43.44 -3.22 0.00	45.59 -3.70 0.00	45.47 -4.89 14.89	51.60 -6.49 18.28	55.73 -7.19 29.21	59.73 -4.59 16.19	69.92 -3.68 0.00	48.23 -3.06 3.36	44.23 -2.33 0.00	37.66 -1.69 0.00	33.87 -1.05 0.00
CHATEAUG_WT_PWR 323614	30.38 -0.31 0.00	28.84 -0.29 0.00	26.84 -0.44 0.00	26.08 -0.45 0.00	25.36 -0.52 0.00	26.55 -0.57 0.00	27.82 -0.65 0.00	29.33 -0.51 0.00	31.39 -0.25 0.00	33.68 -1.04 0.00	35.95 -1.15 0.00	36.28 -1.95 0.00	40.00 -2.92 0.00	43.30 -3.36 0.00	45.20 -4.09 0.00	44.92 -5.16 15.17	53.65 -6.72 16.00	59.94 -7.55 24.63	62.41 -4.99 13.10	69.62 -3.98 0.00	48.65 -3.28 2.72	44.09 -2.47 0.00	37.54 -1.81 0.00	33.91 -1.01 0.00
CHAT_HIGH_FALL_HYD 323578	30.35 -0.34 0.00	28.81 -0.32 0.00	26.82 -0.46 0.00	26.06 -0.48 0.00	25.33 -0.54 0.00	26.52 -0.60 0.00	27.76 -0.71 0.00	29.31 -0.54 0.00	31.36 -0.29 0.00	33.71 -1.01 0.00	35.99 -1.11 0.00	36.35 -1.87 0.00	40.17 -2.75 0.00	43.39 -3.27 0.00	45.34 -3.94 0.00	45.47 -4.90 14.89	51.60 -6.49 18.28	55.73 -7.19 29.21	59.65 -4.67 16.19	69.92 -3.68 0.00	48.23 -3.06 3.36	44.23 -2.33 0.00	37.66 -1.69 0.00	33.88 -1.05 0.00
CHAUTAUQUA___LFGE 323629	32.50 1.81 0.00	30.53 1.40 0.00	28.21 0.93 0.00	27.09 0.56 0.00	26.60 0.72 0.00	27.88 0.76 0.00	29.58 1.11 0.00	31.27 1.43 0.00	32.85 1.20 0.00	36.49 1.77 0.00	38.99 1.89 0.00	41.01 2.79 0.00	46.27 3.35 0.00	50.16 3.50 0.00	53.72 4.44 0.00	70.15 4.90 0.00	84.98 6.34 -2.28	103.36 7.64 -3.60	90.46 6.52 -3.44	80.26 5.81 -0.86	60.19 4.70 -0.85	49.89 2.94 -0.40	41.55 2.20 0.00	36.14 1.22 0.00
CHERRYST_13_KV_LD 356241	33.24 2.55 0.00	31.08 1.95 0.00	29.33 2.05 0.00	28.60 2.07 0.00	27.74 1.86 0.00	29.15 2.03 0.00	30.69 2.22 0.00	32.35 2.51 0.00	34.56 2.91 0.00	37.98 3.26 0.00	40.44 3.34 0.00	41.44 3.21 0.00	46.52 3.61 0.00	50.95 4.29 0.00	53.92 4.63 0.00	72.11 6.85 0.00	88.06 8.10 -3.59	100.97 8.84 0.00	94.16 7.41 -6.25	84.49 5.67 -5.23	63.86 4.04 -5.17	51.91 2.93 -2.42	41.87 2.52 0.00	37.72 2.79 0.00
CHESTROR_138KV_BK263 355645	32.38 1.69 0.00	30.50 1.37 0.00	28.70 1.42 0.00	27.99 1.46 0.00	27.20 1.32 0.00	28.47 1.36 0.00	29.92 1.45 0.00	31.39 1.55 0.00	33.42 1.77 0.00	36.67 1.94 0.00	39.18 2.08 0.00	40.21 1.99 0.00	45.19 2.27 0.00	49.46 2.80 0.00	52.44 3.15 0.00	69.76 4.50 0.00	84.98 5.35 -3.26	97.93 5.80 0.00	91.09 4.91 -5.67	82.24 3.90 -4.74	62.13 2.79 -4.70	50.85 2.10 -2.19	41.12 1.77 0.00	36.77 1.85 0.00
CH_MIDHUDSON___DRP 24192	32.71 2.03 0.00	30.82 1.69 0.00	29.05 1.77 0.00	28.31 1.78 0.00	27.48 1.60 0.00	28.80 1.68 0.00	30.24 1.77 0.00	31.66 1.82 0.00	33.77 2.12 0.00	37.05 2.33 0.00	39.66 2.56 0.00	40.67 2.45 0.00	45.75 2.83 0.00	50.06 3.41 0.00	53.18 3.89 0.00	70.73 5.48 0.00	86.42 6.34 -3.71	99.13 7.00 0.00	92.99 6.04 -6.45	83.85 4.86 -5.40	63.49 3.50 -5.34	51.71 2.65 -2.50	41.59 2.24 0.00	37.19 2.27 0.00
CH_MISC_IPPS 23765	32.80 2.12 0.00	31.05 1.92 0.00	29.16 1.88 0.00	28.47 1.94 0.00	27.59 1.71 0.00	28.88 1.76 0.00	30.35 1.88 0.00	31.81 1.97 0.00	33.83 2.18 0.00	37.15 2.43 0.00	39.73 2.63 0.00	40.79 2.56 0.00	45.88 2.96 0.00	50.39 3.73 0.00	53.57 4.29 0.00	71.13 5.88 0.00	86.95 6.95 -3.63	99.95 7.83 0.00	93.57 6.76 -6.30	84.31 5.45 -5.27	63.80 3.94 -5.22	51.98 2.98 -2.44	41.87 2.52 0.00	37.37 2.44 0.00
CH_RES_BVR_FALLS 23983	30.23 -0.46 0.00	28.72 -0.41 0.00	26.90 -0.38 0.00	26.16 -0.37 0.00	25.49 -0.39 0.00	26.71 -0.41 0.00	28.01 -0.46 0.00	29.36 -0.48 0.00	31.20 -0.44 0.00	34.16 -0.56 0.00	36.54 -0.56 0.00	37.54 -0.69 0.00	42.10 -0.82 0.00	45.54 -1.12 0.00	47.81 -1.48 0.00	40.59 -1.83 22.83	73.64 -1.91 0.83	83.78 -2.12 6.23	74.86 -1.69 3.95	72.12 -1.47 0.00	52.62 -1.20 0.82	45.67 -0.89 0.00	38.56 -0.79 0.00	34.22 -0.70 0.00

CH_RES_NIAGARA 23895	31.24 0.55 0.00	29.04 -0.09 0.00	27.15 -0.14 0.00	26.06 -0.48 0.00	25.62 -0.26 0.00	26.82 -0.30 0.00	28.33 -0.14 0.00	29.63 -0.21 0.00	31.01 -0.63 0.00	34.31 -0.42 0.00	36.54 -0.56 0.00	38.38 0.15 0.00	43.18 0.26 0.00	46.61 -0.05 0.00	49.78 0.49 0.00	64.99 -0.26 0.00	78.84 0.23 -2.24	95.50 0.18 -3.19	84.23 0.49 -3.24	75.16 0.81 -0.75	56.70 1.31 -0.74	47.00 0.09 -0.35	39.39 0.04 0.00	34.57 -0.35 0.00
CH_RES_SYRACUSE 23985	30.78 0.09 0.00	29.19 0.06 0.00	27.20 -0.08 0.00	26.37 -0.16 0.00	25.80 -0.08 0.00	27.04 -0.08 0.00	28.47 0.00 0.00	29.96 0.12 0.00	31.61 -0.03 0.00	34.76 0.03 0.00	37.25 0.15 0.00	38.65 0.42 0.00	43.43 0.52 0.00	47.08 0.42 0.00	49.98 0.69 0.00	66.10 0.85 0.00	80.50 1.07 -3.06	101.77 1.56 -8.08	86.83 1.28 -5.04	75.17 1.11 -0.47	56.94 1.15 -1.15	47.52 0.74 -0.22	39.94 0.59 0.00	35.24 0.31 0.00
CLINTON_WT_PWR 323605	30.38 -0.31 0.00	28.84 -0.29 0.00	26.84 -0.44 0.00	26.08 -0.45 0.00	25.36 -0.52 0.00	26.55 -0.57 0.00	27.82 -0.65 0.00	29.33 -0.51 0.00	31.39 -0.25 0.00	33.68 -1.04 0.00	35.95 -1.15 0.00	36.28 -1.95 0.00	40.00 -2.92 0.00	43.30 -3.36 0.00	45.20 -4.09 0.00	44.92 -5.16 15.17	53.65 -6.72 16.00	59.94 -7.55 24.63	62.41 -4.99 13.10	69.62 -3.98 0.00	48.65 -3.28 2.72	44.09 -2.47 0.00	37.54 -1.81 0.00	33.91 -1.01 0.00
CLINTON___LFGE 323618	30.66 -0.03 0.00	29.13 0.00 0.00	27.09 -0.19 0.00	26.32 -0.21 0.00	25.60 -0.28 0.00	26.79 -0.32 0.00	28.04 -0.43 0.00	29.63 -0.21 0.00	31.74 0.10 0.00	33.82 -0.90 0.00	36.13 -0.96 0.00	36.31 -1.91 0.00	39.91 -3.01 0.00	43.20 -3.45 0.00	45.20 -4.09 0.00	45.00 -5.16 15.10	52.90 -6.87 16.60	58.65 -7.65 25.83	61.53 -5.07 13.91	69.85 -3.75 0.00	48.59 -3.17 2.88	44.05 -2.52 0.00	37.62 -1.73 0.00	34.26 -0.66 0.00
COBBLENY_34_KV_TB1 80064	31.64 0.95 0.00	30.32 1.19 0.00	27.85 0.57 0.00	26.98 0.45 0.00	26.40 0.52 0.00	27.63 0.52 0.00	29.38 0.91 0.00	31.12 1.28 0.00	32.34 0.70 0.00	35.87 1.15 0.00	38.10 1.00 0.00	40.14 1.91 0.00	45.28 2.36 0.00	49.08 2.43 0.00	52.69 3.40 0.00	68.78 3.52 0.00	83.54 4.89 -2.28	101.80 6.08 -3.59	89.18 5.23 -3.45	79.39 4.93 -0.86	59.65 4.15 -0.85	49.43 2.47 -0.40	41.20 1.85 0.00	35.94 1.01 0.00
COFFEEN___115KV_TB3 355620	31.70 1.01 0.00	30.12 0.99 0.00	27.94 0.65 0.00	27.09 0.56 0.00	26.66 0.78 0.00	28.01 0.89 0.00	29.41 0.94 0.00	30.47 0.63 0.00	32.18 0.54 0.00	35.17 0.45 0.00	37.77 0.67 0.00	39.33 1.11 0.00	44.29 1.37 0.00	48.15 1.49 0.00	50.52 1.23 0.00	63.92 1.50 2.83	102.27 1.68 -24.22	151.44 3.04 -56.27	119.07 3.62 -34.94	77.42 3.83 0.00	65.26 3.55 -7.07	49.21 2.65 0.00	41.75 2.40 0.00	36.46 1.54 0.00
COLDSPRG_115KV_BK1 355956	32.47 1.78 0.00	31.08 1.95 0.00	28.54 1.25 0.00	27.59 1.06 0.00	26.99 1.11 0.00	28.34 1.22 0.00	30.18 1.71 0.00	32.14 2.30 0.00	33.45 1.80 0.00	37.19 2.47 0.00	39.51 2.41 0.00	41.47 3.25 0.00	46.87 3.95 0.00	50.76 4.11 0.00	54.46 5.17 0.00	71.13 5.87 0.00	86.23 7.56 -2.30	104.81 9.12 -3.57	91.63 7.65 -3.48	81.27 6.77 -0.91	60.90 5.36 -0.90	50.61 3.63 -0.42	42.07 2.72 0.00	36.67 1.75 0.00
COLONIE_LFGE___ 323577	32.16 1.47 0.00	30.55 1.43 0.00	28.75 1.47 0.00	28.02 1.48 0.00	27.28 1.40 0.00	28.58 1.46 0.00	29.98 1.51 0.00	31.27 1.43 0.00	33.23 1.58 0.00	36.46 1.74 0.00	38.95 1.85 0.00	40.06 1.83 0.00	44.98 2.06 0.00	49.36 2.70 0.00	52.39 3.11 0.00	69.17 3.91 0.00	91.19 4.66 -10.16	97.46 5.34 0.00	102.91 4.75 -17.66	92.68 4.27 -14.82	72.54 3.22 -14.67	55.97 2.56 -6.85	41.40 2.04 0.00	36.84 1.92 0.00
COOPERNY_115KV_TB1 80082	31.95 1.26 0.00	30.18 1.05 0.00	28.37 1.09 0.00	27.65 1.11 0.00	26.91 1.04 0.00	28.18 1.06 0.00	29.61 1.14 0.00	31.04 1.19 0.00	33.01 1.36 0.00	36.21 1.49 0.00	38.66 1.56 0.00	39.75 1.53 0.00	44.68 1.76 0.00	48.80 2.15 0.00	51.75 2.46 0.00	68.71 3.46 0.00	82.89 4.05 -2.47	96.64 4.51 0.00	88.65 3.86 -4.29	80.19 3.02 -3.58	60.43 2.24 -3.54	49.89 1.68 -1.65	40.73 1.38 0.00	36.35 1.43 0.00
COPENHAGEN_WT_PWR 323753	31.39 0.71 0.00	29.77 0.64 0.00	27.66 0.38 0.00	26.80 0.27 0.00	26.37 0.49 0.00	27.69 0.57 0.00	29.07 0.60 0.00	30.17 0.33 0.00	31.93 0.28 0.00	34.93 0.21 0.00	37.47 0.37 0.00	38.95 0.72 0.00	43.86 0.94 0.00	46.70 0.05 0.00	49.88 0.59 0.00	63.36 0.79 2.67	100.15 0.84 -22.94	147.45 1.84 -53.48	115.98 2.34 -33.14	76.17 2.57 0.00	63.85 2.51 -6.69	49.31 2.75 0.00	41.12 1.77 0.00	35.97 1.05 0.00
CORNELL___ 23752	31.55 0.86 0.00	30.03 0.90 0.00	27.88 0.60 0.00	27.09 0.56 0.00	26.50 0.62 0.00	27.80 0.68 0.00	29.30 0.83 0.00	30.86 1.01 0.00	32.47 0.82 0.00	35.62 0.90 0.00	38.14 1.04 0.00	39.52 1.30 0.00	44.50 1.59 0.00	48.57 1.91 0.00	51.65 2.37 0.00	68.39 3.13 0.00	82.89 3.82 -2.70	102.48 5.25 -5.10	89.64 4.75 -4.38	79.13 4.34 -1.19	59.48 3.66 -1.18	49.76 2.65 -0.55	41.24 1.89 0.00	36.25 1.33 0.00
CORONA_AAV_69_KV_TB1 355595	34.44 3.01 -0.74	31.52 2.39 0.00	30.44 2.54 -0.62	28.95 2.41 0.00	28.13 2.25 0.00	29.63 2.49 -0.02	31.29 2.68 -0.15	32.77 2.92 0.00	34.94 3.29 0.00	38.33 3.61 0.00	40.70 3.60 0.00	41.74 3.52 0.00	46.52 3.61 0.00	51.37 4.71 0.00	54.36 5.08 0.00	71.65 6.39 0.00	87.45 7.48 -3.60	100.78 8.66 0.00	94.00 7.25 -6.25	84.26 5.45 -5.22	63.69 3.88 -5.17	52.28 3.31 -2.42	42.47 3.07 -0.05	40.05 3.46 -1.67
CORTLAND_115KV_TB3 80093	31.24 0.55 0.00	29.71 0.58 0.00	27.66 0.38 0.00	26.85 0.32 0.00	26.27 0.39 0.00	27.55 0.43 0.00	29.04 0.57 0.00	30.53 0.69 0.00	32.18 0.54 0.00	35.38 0.66 0.00	37.88 0.78 0.00	39.26 1.03 0.00	44.16 1.24 0.00	48.15 1.49 0.00	51.21 1.92 0.00	67.73 2.48 0.00	82.56 2.98 -3.21	102.82 3.96 -6.73	89.11 3.54 -5.06	77.67 3.16 -0.91	58.88 2.68 -1.56	48.89 1.91 -0.42	40.69 1.34 0.00	35.83 0.91 0.00
COXSACKIE___GT 23611	32.96 2.27 0.00	31.31 2.19 0.00	29.41 2.13 0.00	28.60 2.07 0.00	27.74 1.86 0.00	29.02 1.90 0.00	30.46 1.99 0.00	31.60 1.76 0.00	33.48 1.83 0.00	36.70 1.98 0.00	39.18 2.08 0.00	39.90 1.68 0.00	44.76 1.84 0.00	49.50 2.85 0.00	52.73 3.45 0.00	69.75 4.50 0.00	88.04 5.42 -6.25	99.12 7.00 0.00	97.64 6.28 -10.85	88.80 6.11 -9.10	68.24 4.59 -9.01	54.68 3.91 -4.21	42.50 3.15 0.00	37.54 2.62 0.00
CPV_VALLEY___CC1 323721	32.01 1.32 0.00	30.32 1.19 0.00	28.48 1.20 0.00	27.81 1.27 0.00	27.02 1.14 0.00	28.28 1.17 0.00	29.75 1.28 0.00	31.22 1.37 0.00	33.17 1.52 0.00	36.39 1.67 0.00	38.81 1.71 0.00	39.90 1.68 0.00	44.80 1.89 0.00	49.13 2.47 0.00	52.14 2.86 0.00	69.10 3.85 0.00	83.93 4.58 -2.97	97.10 4.97 0.00	89.85 4.18 -5.16	81.15 3.23 -4.32	61.21 2.29 -4.27	50.28 1.72 -2.00	40.81 1.46 0.00	36.46 1.53 0.00

CPV_VALLEY___CC2 323722	32.01 1.32 0.00	30.32 1.19 0.00	28.48 1.20 0.00	27.81 1.27 0.00	27.02 1.14 0.00	28.28 1.17 0.00	29.75 1.28 0.00	31.22 1.37 0.00	33.17 1.52 0.00	36.39 1.67 0.00	38.81 1.71 0.00	39.90 1.68 0.00	44.80 1.89 0.00	49.13 2.47 0.00	52.14 2.86 0.00	69.10 3.85 0.00	83.93 4.58 -2.97	97.10 4.97 0.00	89.85 4.18 -5.16	81.15 3.23 -4.32	61.21 2.29 -4.27	50.28 1.72 -2.00	40.81 1.46 0.00	36.46 1.53 0.00
CRESCENT___HYD 24018	32.16 1.47 0.00	30.55 1.43 0.00	28.75 1.47 0.00	28.02 1.48 0.00	27.28 1.40 0.00	28.58 1.46 0.00	29.98 1.51 0.00	31.27 1.43 0.00	33.23 1.58 0.00	36.46 1.74 0.00	38.95 1.85 0.00	40.06 1.83 0.00	44.98 2.06 0.00	49.36 2.70 0.00	52.39 3.11 0.00	69.17 3.91 0.00	91.19 4.66 -10.16	97.46 5.34 0.00	102.91 4.75 -17.66	92.68 4.27 -14.82	72.54 3.22 -14.67	55.97 2.56 -6.85	41.40 2.04 0.00	36.84 1.92 0.00
CRICKET___VALLEY_CC1 323756	32.22 1.53 0.00	30.55 1.43 0.00	28.81 1.53 0.00	28.12 1.59 0.00	27.33 1.45 0.00	28.66 1.54 0.00	30.06 1.59 0.00	31.42 1.58 0.00	33.39 1.74 0.00	36.63 1.91 0.00	39.10 2.00 0.00	40.14 1.91 0.00	45.10 2.19 0.00	49.55 2.89 0.00	52.59 3.30 0.00	69.56 4.31 0.00	85.36 5.04 -3.95	97.56 5.43 0.00	92.11 4.75 -6.86	83.02 3.68 -5.74	63.01 2.68 -5.68	51.26 2.05 -2.65	41.12 1.77 0.00	36.81 1.88 0.00
CRICKET___VALLEY_CC2 323757	32.22 1.53 0.00	30.55 1.43 0.00	28.81 1.53 0.00	28.12 1.59 0.00	27.33 1.45 0.00	28.66 1.54 0.00	30.06 1.59 0.00	31.42 1.58 0.00	33.39 1.74 0.00	36.63 1.91 0.00	39.10 2.00 0.00	40.14 1.91 0.00	45.10 2.19 0.00	49.55 2.89 0.00	52.59 3.30 0.00	69.56 4.31 0.00	85.36 5.04 -3.95	97.56 5.43 0.00	92.11 4.75 -6.86	83.02 3.68 -5.74	63.01 2.68 -5.68	51.26 2.05 -2.65	41.12 1.77 0.00	36.81 1.88 0.00
CRICKET___VALLEY_CC3 323758	32.22 1.53 0.00	30.55 1.43 0.00	28.81 1.53 0.00	28.12 1.59 0.00	27.33 1.45 0.00	28.66 1.54 0.00	30.06 1.59 0.00	31.42 1.58 0.00	33.39 1.74 0.00	36.63 1.91 0.00	39.10 2.00 0.00	40.14 1.91 0.00	45.10 2.19 0.00	49.55 2.89 0.00	52.59 3.30 0.00	69.56 4.31 0.00	85.36 5.04 -3.95	97.56 5.43 0.00	92.11 4.75 -6.86	83.02 3.68 -5.74	63.01 2.68 -5.68	51.26 2.05 -2.65	41.12 1.77 0.00	36.81 1.88 0.00
CRUCIBLE_METL_DRP 24180	30.72 0.03 0.00	29.22 0.09 0.00	27.20 -0.08 0.00	26.40 -0.13 0.00	25.80 -0.08 0.00	27.06 -0.05 0.00	28.50 0.03 0.00	30.02 0.18 0.00	31.61 -0.03 0.00	34.76 0.03 0.00	37.25 0.15 0.00	38.61 0.38 0.00	43.43 0.52 0.00	47.08 0.42 0.00	49.98 0.69 0.00	66.04 0.78 0.00	80.50 1.07 -3.06	101.77 1.57 -8.08	86.83 1.29 -5.04	75.17 1.10 -0.47	56.94 1.15 -1.15	47.52 0.74 -0.22	39.94 0.59 0.00	35.20 0.28 0.00
DAHOWA___HYDRO 323763	32.53 1.84 0.00	30.90 1.78 0.00	29.08 1.80 0.00	28.26 1.72 0.00	27.56 1.68 0.00	28.91 1.79 0.00	30.35 1.88 0.00	31.69 1.85 0.00	33.61 1.96 0.00	36.87 2.15 0.00	39.25 2.15 0.00	40.44 2.22 0.00	45.40 2.49 0.00	49.97 3.31 0.00	53.08 3.80 0.00	70.21 4.96 0.00	93.64 6.03 -11.23	99.50 7.37 0.00	106.79 6.76 -19.52	96.38 6.40 -16.38	75.78 4.92 -16.22	58.14 4.00 -7.57	42.22 2.87 0.00	37.40 2.48 0.00
DANC___LFGE 323619	31.00 0.31 0.00	29.36 0.23 0.00	27.34 0.05 0.00	26.51 -0.03 0.00	26.01 0.13 0.00	27.31 0.19 0.00	28.67 0.20 0.00	29.90 0.06 0.00	31.58 -0.06 0.00	34.62 -0.10 0.00	37.10 0.00 0.00	38.53 0.30 0.00	43.35 0.43 0.00	46.56 -0.09 0.00	49.68 0.39 0.00	63.84 0.39 1.81	92.72 0.46 -15.88	131.37 1.11 -38.14	105.19 1.45 -23.23	75.14 1.55 0.00	60.88 1.64 -4.60	48.33 1.77 0.00	40.41 1.06 0.00	35.45 0.52 0.00
DANSKAMMER___1 23586	32.80 2.12 0.00	31.05 1.92 0.00	29.16 1.88 0.00	28.47 1.94 0.00	27.59 1.71 0.00	28.88 1.76 0.00	30.35 1.88 0.00	31.81 1.97 0.00	33.83 2.18 0.00	37.15 2.43 0.00	39.73 2.63 0.00	40.79 2.56 0.00	45.88 2.96 0.00	50.39 3.73 0.00	53.57 4.29 0.00	71.13 5.88 0.00	86.95 6.95 -3.63	99.95 7.83 0.00	93.57 6.76 -6.30	84.31 5.45 -5.27	63.80 3.94 -5.22	51.98 2.98 -2.44	41.87 2.52 0.00	37.37 2.44 0.00
DANSKAMMER___2 23589	32.80 2.12 0.00	31.05 1.92 0.00	29.16 1.88 0.00	28.47 1.94 0.00	27.59 1.71 0.00	28.88 1.76 0.00	30.35 1.88 0.00	31.81 1.97 0.00	33.83 2.18 0.00	37.15 2.43 0.00	39.73 2.63 0.00	40.79 2.56 0.00	45.88 2.96 0.00	50.39 3.73 0.00	53.57 4.29 0.00	71.13 5.88 0.00	86.95 6.95 -3.63	99.95 7.83 0.00	93.57 6.76 -6.30	84.31 5.45 -5.27	63.80 3.94 -5.22	51.98 2.98 -2.44	41.87 2.52 0.00	37.37 2.44 0.00
DANSKAMMER___3 23590	32.80 2.12 0.00	31.05 1.92 0.00	29.16 1.88 0.00	28.47 1.94 0.00	27.59 1.71 0.00	28.88 1.76 0.00	30.35 1.88 0.00	31.81 1.97 0.00	33.83 2.18 0.00	37.15 2.43 0.00	39.73 2.63 0.00	40.79 2.56 0.00	45.88 2.96 0.00	50.39 3.73 0.00	53.57 4.29 0.00	71.13 5.88 0.00	86.95 6.95 -3.63	99.95 7.83 0.00	93.57 6.76 -6.30	84.31 5.45 -5.27	63.80 3.94 -5.22	51.98 2.98 -2.44	41.87 2.52 0.00	37.37 2.44 0.00
DANSKAMMER___4 23591	32.80 2.12 0.00	31.05 1.92 0.00	29.16 1.88 0.00	28.47 1.94 0.00	27.59 1.71 0.00	28.88 1.76 0.00	30.35 1.88 0.00	31.81 1.97 0.00	33.83 2.18 0.00	37.15 2.43 0.00	39.73 2.63 0.00	40.79 2.56 0.00	45.88 2.96 0.00	50.39 3.73 0.00	53.57 4.29 0.00	71.13 5.88 0.00	86.95 6.95 -3.63	99.95 7.83 0.00	93.57 6.76 -6.30	84.31 5.45 -5.27	63.80 3.94 -5.22	51.98 2.98 -2.44	41.87 2.52 0.00	37.37 2.44 0.00
DANSKAMMER___DIESEL 23592	32.93 2.24 0.00	30.99 1.86 0.00	29.16 1.88 0.00	28.42 1.88 0.00	27.56 1.68 0.00	28.88 1.76 0.00	30.32 1.85 0.00	31.75 1.91 0.00	33.83 2.18 0.00	37.15 2.43 0.00	39.81 2.71 0.00	40.82 2.60 0.00	45.92 3.00 0.00	50.30 3.64 0.00	53.43 4.14 0.00	71.19 5.94 0.00	86.95 6.95 -3.63	99.95 7.83 0.00	93.57 6.76 -6.30	84.31 5.45 -5.27	63.80 3.93 -5.22	51.98 2.98 -2.44	41.87 2.52 0.00	37.40 2.48 0.00
DARBY___SOLAR 323810	32.47 1.78 0.00	30.85 1.72 0.00	29.03 1.75 0.00	28.20 1.67 0.00	27.51 1.63 0.00	28.85 1.74 0.00	30.29 1.82 0.00	31.66 1.82 0.00	33.58 1.93 0.00	36.84 2.12 0.00	39.25 2.15 0.00	40.44 2.22 0.00	45.40 2.49 0.00	49.92 3.26 0.00	53.03 3.74 0.00	70.15 4.90 0.00	93.36 5.88 -11.11	99.22 7.09 0.00	106.25 6.44 -19.30	95.83 6.04 -16.20	75.27 4.59 -16.04	57.78 3.73 -7.49	42.10 2.75 0.00	37.30 2.38 0.00
DASHVILLE___HYD 23610	32.41 1.72 0.00	30.50 1.37 0.00	28.70 1.42 0.00	27.99 1.46 0.00	27.15 1.27 0.00	28.42 1.30 0.00	29.84 1.37 0.00	31.18 1.34 0.00	33.20 1.55 0.00	36.42 1.70 0.00	39.07 1.97 0.00	40.10 1.87 0.00	45.06 2.15 0.00	49.27 2.61 0.00	52.24 2.96 0.00	69.56 4.31 0.00	85.55 4.96 -4.22	97.93 5.80 0.00	92.34 4.51 -7.33	83.19 3.46 -6.14	63.12 2.40 -6.08	51.03 1.63 -2.84	41.04 1.69 0.00	36.74 1.82 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	35.94 4.51 -0.74	32.71 3.58 0.00	32.12 4.20 -0.63	30.49 3.95 0.00	29.63 3.75 0.00	31.32 4.18 -0.03	33.14 4.47 -0.20	33.99 4.15 0.00	35.95 4.30 0.00	39.55 4.83 0.00	42.11 5.01 0.00	43.24 5.01 0.00	49.04 5.02 -1.10	53.34 6.67 -0.01	57.72 7.15 -1.29	84.21 8.61 -10.34	111.99 10.16 -25.46	126.42 12.34 -21.96	130.66 11.35 -38.80	120.62 8.98 -38.05	66.11 6.28 -5.18	54.72 5.40 -2.76	46.08 4.64 -2.09	41.77 5.17 -1.68
DELAWARE___LFGE 323621	32.04 1.35 0.00	30.44 1.31 0.00	28.48 1.20 0.00	27.70 1.17 0.00	27.04 1.16 0.00	28.37 1.25 0.00	29.81 1.34 0.00	31.10 1.25 0.00	33.01 1.36 0.00	36.21 1.49 0.00	38.73 1.63 0.00	39.94 1.72 0.00	44.89 1.97 0.00	48.99 2.33 0.00	52.14 2.86 0.00	68.97 3.72 0.00	83.17 4.20 -2.60	97.19 5.07 0.00	89.45 4.43 -4.52	81.32 3.97 -3.75	61.53 3.17 -3.71	50.62 2.33 -1.73	41.12 1.77 0.00	36.49 1.57 0.00
DERFIELD_115KV_TB7 355931	30.90 0.21 0.00	29.30 0.17 0.00	27.47 0.19 0.00	26.72 0.19 0.00	26.06 0.18 0.00	27.33 0.22 0.00	28.70 0.23 0.00	30.02 0.18 0.00	31.87 0.22 0.00	34.96 0.24 0.00	37.40 0.30 0.00	38.53 0.31 0.00	43.26 0.34 0.00	47.12 0.47 0.00	49.78 0.49 0.00	66.79 0.65 -0.88	80.16 0.76 -3.02	99.19 0.83 -6.24	85.26 0.81 -3.95	74.18 0.59 0.00	56.00 0.55 -0.81	46.93 0.37 0.00	39.59 0.24 0.00	35.10 0.17 0.00
DOGLEVILLE___HYD 23807	30.63 -0.06 0.00	29.10 -0.03 0.00	27.23 -0.05 0.00	26.48 -0.05 0.00	25.85 -0.03 0.00	27.15 0.03 0.00	28.47 0.00 0.00	29.75 -0.09 0.00	31.61 -0.03 0.00	34.65 -0.07 0.00	37.29 0.19 0.00	38.42 0.19 0.00	43.22 0.30 0.00	46.70 0.05 0.00	49.53 0.25 0.00	66.33 0.20 -0.88	79.55 0.15 -3.02	98.55 0.18 -6.24	84.78 0.32 -3.95	73.74 0.15 0.00	55.78 0.33 -0.81	46.70 0.14 0.00	39.35 0.00 0.00	34.82 -0.10 0.00
DUNKIRK___115KV_TB_200 55889	32.01 1.32 0.00	30.67 1.54 0.00	28.15 0.87 0.00	27.25 0.72 0.00	26.66 0.78 0.00	27.90 0.79 0.00	29.69 1.22 0.00	31.54 1.70 0.00	32.79 1.14 0.00	36.42 1.70 0.00	38.77 1.67 0.00	40.75 2.52 0.00	45.96 3.05 0.00	49.83 3.17 0.00	53.52 4.24 0.00	69.82 4.57 0.00	84.68 6.03 -2.28	103.09 7.37 -3.60	90.14 6.20 -3.44	80.12 5.67 -0.85	60.08 4.59 -0.85	49.80 2.84 -0.39	41.48 2.12 0.00	36.11 1.19 0.00
DUNKIRK___1 23563	32.01 1.32 0.00	30.67 1.54 0.00	28.15 0.87 0.00	27.25 0.72 0.00	26.66 0.78 0.00	27.90 0.79 0.00	29.69 1.22 0.00	31.54 1.70 0.00	32.79 1.14 0.00	36.42 1.70 0.00	38.77 1.67 0.00	40.75 2.52 0.00	45.96 3.05 0.00	49.83 3.17 0.00	53.52 4.24 0.00	69.82 4.57 0.00	84.68 6.03 -2.28	103.09 7.37 -3.60	90.14 6.20 -3.44	80.12 5.67 -0.85	60.08 4.59 -0.85	49.80 2.84 -0.39	41.48 2.12 0.00	36.11 1.19 0.00
DUNKIRK___2 23564	32.01 1.32 0.00	30.67 1.54 0.00	28.15 0.87 0.00	27.25 0.72 0.00	26.66 0.78 0.00	27.90 0.79 0.00	29.69 1.22 0.00	31.54 1.70 0.00	32.79 1.14 0.00	36.42 1.70 0.00	38.77 1.67 0.00	40.75 2.52 0.00	45.96 3.05 0.00	49.83 3.17 0.00	53.52 4.24 0.00	69.82 4.57 0.00	84.68 6.03 -2.28	103.09 7.37 -3.60	90.14 6.20 -3.44	80.12 5.67 -0.85	60.08 4.59 -0.85	49.80 2.84 -0.39	41.48 2.12 0.00	36.11 1.19 0.00
DUNKIRK___3 23565	31.79 1.10 0.00	30.44 1.31 0.00	27.96 0.68 0.00	27.09 0.56 0.00	26.47 0.60 0.00	27.74 0.62 0.00	29.49 1.02 0.00	31.27 1.43 0.00	32.53 0.89 0.00	36.08 1.35 0.00	38.36 1.26 0.00	40.33 2.10 0.00	45.49 2.58 0.00	49.32 2.66 0.00	52.93 3.65 0.00	69.10 3.85 0.00	83.92 5.27 -2.27	102.08 6.36 -3.60	89.34 5.39 -3.44	79.45 5.00 -0.85	59.64 4.15 -0.84	49.47 2.51 -0.39	41.24 1.89 0.00	35.94 1.01 0.00
DUNKIRK___4 23566	31.79 1.10 0.00	30.44 1.31 0.00	27.96 0.68 0.00	27.09 0.56 0.00	26.47 0.60 0.00	27.74 0.62 0.00	29.49 1.02 0.00	31.27 1.43 0.00	32.53 0.89 0.00	36.08 1.35 0.00	38.36 1.26 0.00	40.33 2.10 0.00	45.49 2.58 0.00	49.32 2.66 0.00	52.93 3.65 0.00	69.10 3.85 0.00	83.92 5.27 -2.27	102.08 6.36 -3.60	89.34 5.39 -3.44	79.45 5.00 -0.85	59.64 4.15 -0.84	49.47 2.51 -0.39	41.24 1.89 0.00	35.94 1.01 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.96 2.27 0.00	30.93 1.81 0.00	29.19 1.91 0.00	28.44 1.91 0.00	27.64 1.76 0.00	28.99 1.87 0.00	30.49 2.02 0.00	32.08 2.24 0.00	34.21 2.56 0.00	37.57 2.85 0.00	40.03 2.93 0.00	41.09 2.87 0.00	46.14 3.22 0.00	50.53 3.87 0.00	53.57 4.29 0.00	71.32 6.07 0.00	87.15 7.18 -3.59	99.95 7.83 0.00	93.43 6.68 -6.25	84.05 5.23 -5.23	63.53 3.72 -5.17	51.77 2.79 -2.42	41.75 2.40 0.00	37.47 2.55 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.59 1.90 0.00	30.70 1.57 0.00	28.89 1.61 0.00	28.15 1.62 0.00	27.35 1.48 0.00	28.64 1.52 0.00	30.09 1.62 0.00	31.51 1.67 0.00	33.58 1.93 0.00	36.84 2.12 0.00	39.40 2.30 0.00	40.44 2.22 0.00	45.45 2.53 0.00	49.74 3.08 0.00	52.78 3.50 0.00	70.28 5.02 0.00	85.82 5.96 -3.49	98.76 6.63 0.00	92.20 5.64 -6.06	83.15 4.49 -5.07	62.89 3.22 -5.02	51.33 2.42 -2.34	41.40 2.05 0.00	37.02 2.10 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.37 2.67 -0.01	31.17 2.04 0.00	29.47 2.18 -0.01	28.73 2.20 0.00	27.82 1.94 0.00	29.12 2.01 0.00	30.61 2.14 0.00	32.17 2.33 0.00	34.37 2.72 0.00	37.77 3.06 0.01	40.18 3.08 0.00	41.13 2.91 0.00	45.96 3.05 0.00	50.25 3.59 0.00	53.13 3.84 0.00	71.06 5.81 0.00	87.07 7.10 -3.59	99.49 7.37 0.01	93.11 6.36 -6.25	83.67 4.86 -5.22	63.63 3.83 -5.17	51.30 2.33 -2.41	41.55 2.20 0.00	37.86 2.93 -0.01
E179THST_13_KV_LOAD 356214	33.58 2.88 -0.01	31.34 2.21 0.00	29.64 2.35 -0.01	28.89 2.36 0.00	27.98 2.10 0.00	29.26 2.14 0.00	30.78 2.31 0.00	32.35 2.51 0.00	34.56 2.91 0.00	37.98 3.26 0.01	40.44 3.34 0.00	41.36 3.13 0.00	46.26 3.35 0.00	50.58 3.92 0.00	53.47 4.19 0.00	71.58 6.33 0.00	87.68 7.71 -3.59	100.31 8.20 0.01	93.83 7.08 -6.25	84.26 5.45 -5.22	64.07 4.26 -5.17	51.62 2.65 -2.41	41.83 2.48 0.00	38.11 3.18 -0.01
EAST HAMPTON___GT 23717	36.40 4.97 -0.74	34.02 4.89 0.00	32.61 4.69 -0.63	31.10 4.57 0.00	30.10 4.22 0.00	31.81 4.67 -0.03	33.71 5.04 -0.20	34.68 4.83 0.00	36.36 4.72 0.00	40.03 5.31 0.00	42.03 4.93 0.00	43.43 5.20 0.00	49.69 5.66 -1.11	54.23 7.56 -0.01	58.80 8.23 -1.29	85.54 9.91 -10.37	113.58 11.69 -25.52	128.42 14.28 -22.02	133.13 13.76 -38.86	122.64 10.97 -38.08	67.41 7.59 -5.18	56.05 6.57 -2.92	47.03 5.59 -2.09	42.53 5.94 -1.67
EAST RIVER___6 23660	32.96 2.27 0.00	31.02 1.89 0.00	29.16 1.88 0.00	28.52 1.99 0.00	27.64 1.76 0.00	28.99 1.87 0.00	30.58 2.11 0.00	32.23 2.39 0.00	34.37 2.72 0.00	37.78 3.06 0.00	40.03 2.93 0.00	41.05 2.83 0.00	46.09 3.18 0.00	50.81 4.15 0.00	53.82 4.53 0.00	71.72 6.46 0.00	87.76 7.79 -3.59	100.59 8.47 0.00	93.91 7.16 -6.25	84.12 5.30 -5.23	63.48 3.66 -5.17	51.63 2.65 -2.42	41.63 2.28 0.00	37.51 2.58 0.00

EAST_RIVER___7 23524	32.96 2.27 0.00	31.02 1.89 0.00	29.16 1.88 0.00	28.52 1.99 0.00	27.64 1.76 0.00	28.99 1.87 0.00	30.58 2.11 0.00	32.23 2.39 0.00	34.37 2.72 0.00	37.78 3.06 0.00	40.03 2.93 0.00	41.05 2.83 0.00	46.09 3.18 0.00	50.81 4.15 0.00	53.82 4.53 0.00	71.72 6.46 0.00	87.76 7.79 -3.59	100.59 8.47 0.00	93.91 7.16 -6.25	84.12 5.30 -5.23	63.48 3.66 -5.17	51.63 2.65 -2.42	41.63 2.28 0.00	37.51 2.58 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.87 2.18 0.00	30.88 1.75 0.00	29.11 1.83 0.00	28.39 1.86 0.00	27.56 1.68 0.00	28.91 1.79 0.00	30.41 1.94 0.00	31.96 2.12 0.00	34.08 2.44 0.00	37.43 2.71 0.00	39.92 2.82 0.00	40.94 2.71 0.00	46.01 3.09 0.00	50.34 3.69 0.00	53.38 4.09 0.00	71.13 5.87 0.00	86.83 6.87 -3.58	99.68 7.55 0.00	93.17 6.44 -6.23	83.81 5.00 -5.21	63.36 3.55 -5.16	51.62 2.65 -2.41	41.63 2.28 0.00	37.33 2.41 0.00
EAST_HAMPTON___DIESEL 23722	36.40 4.97 -0.74	34.02 4.89 0.00	32.64 4.72 -0.63	31.10 4.57 0.00	30.12 4.24 0.00	31.84 4.69 -0.03	33.71 5.04 -0.20	34.68 4.83 0.00	36.39 4.75 0.00	40.07 5.34 0.00	42.07 4.97 0.00	43.47 5.24 0.00	49.73 5.71 -1.11	54.28 7.61 -0.01	58.85 8.28 -1.29	85.54 9.91 -10.37	113.65 11.76 -25.52	128.42 14.28 -22.01	133.12 13.76 -38.86	122.71 11.04 -38.08	67.41 7.59 -5.18	56.09 6.61 -2.92	47.07 5.63 -2.09	42.57 5.97 -1.67
EAST_PULASKI___ESR 323781	30.53 -0.15 0.00	29.04 -0.09 0.00	27.04 -0.25 0.00	26.24 -0.29 0.00	25.67 -0.21 0.00	26.96 -0.16 0.00	28.36 -0.11 0.00	29.63 -0.21 0.00	31.23 -0.41 0.00	34.30 -0.42 0.00	36.73 -0.37 0.00	38.11 -0.11 0.00	42.83 -0.09 0.00	46.66 0.00 0.00	49.38 0.10 0.00	64.31 0.00 0.94	85.16 0.00 -8.78	115.92 0.46 -23.34	94.50 0.56 -13.43	74.18 0.59 0.00	57.90 0.77 -2.49	47.03 0.47 0.00	39.67 0.31 0.00	34.92 0.00 0.00
EAST_RIVER___1 323558	32.93 2.24 0.00	31.08 1.95 0.00	29.25 1.97 0.00	28.58 2.04 0.00	27.69 1.81 0.00	29.07 1.95 0.00	30.63 2.16 0.00	32.29 2.45 0.00	34.43 2.79 0.00	37.81 3.09 0.00	40.14 3.04 0.00	41.17 2.94 0.00	46.22 3.30 0.00	50.81 4.15 0.00	53.87 4.58 0.00	71.65 6.40 0.00	87.60 7.64 -3.59	100.42 8.29 0.00	93.84 7.09 -6.25	84.19 5.37 -5.23	63.53 3.72 -5.17	51.72 2.75 -2.42	41.75 2.40 0.00	37.61 2.69 0.00
EAST_RIVER___2 323559	32.96 2.27 0.00	31.02 1.89 0.00	29.16 1.88 0.00	28.52 1.99 0.00	27.64 1.76 0.00	28.99 1.87 0.00	30.58 2.11 0.00	32.23 2.39 0.00	34.37 2.72 0.00	37.78 3.06 0.00	40.03 2.93 0.00	41.05 2.83 0.00	46.09 3.18 0.00	50.81 4.15 0.00	53.82 4.53 0.00	71.72 6.46 0.00	87.76 7.79 -3.59	100.59 8.47 0.00	93.91 7.16 -6.25	84.12 5.30 -5.23	63.48 3.66 -5.17	51.63 2.65 -2.42	41.63 2.28 0.00	37.51 2.58 0.00
EAST___DELAWARE_HYD 23607	32.22 1.53 0.00	30.47 1.34 0.00	28.59 1.31 0.00	27.88 1.35 0.00	27.04 1.17 0.00	28.34 1.22 0.00	29.78 1.31 0.00	31.19 1.34 0.00	33.13 1.49 0.00	36.32 1.60 0.00	38.69 1.59 0.00	39.83 1.61 0.00	44.80 1.89 0.00	48.15 1.49 0.00	51.21 1.92 0.00	68.12 2.87 0.00	83.20 3.52 -3.31	96.08 3.96 0.00	89.64 3.38 -5.75	80.83 2.43 -4.81	61.15 1.75 -4.76	50.93 2.14 -2.22	41.16 1.81 0.00	36.70 1.78 0.00
EIGHT_POINT___WT_PWR 323820	32.34 1.66 0.00	30.47 1.34 0.00	28.21 0.93 0.00	27.14 0.61 0.00	26.65 0.78 0.00	27.96 0.84 0.00	29.61 1.14 0.00	31.27 1.43 0.00	32.85 1.20 0.00	36.29 1.56 0.00	38.77 1.67 0.00	40.52 2.29 0.00	45.67 2.75 0.00	49.64 2.99 0.00	52.93 3.65 0.00	69.56 4.31 0.00	84.18 5.42 -2.39	102.79 7.09 -3.57	90.43 6.28 -3.64	80.31 5.67 -1.05	60.49 4.81 -1.04	50.17 3.12 -0.48	41.63 2.28 0.00	36.42 1.50 0.00
ELBRIDGE_115KV_TB2 80188	30.63 -0.06 0.00	29.16 0.03 0.00	27.15 -0.14 0.00	26.37 -0.16 0.00	25.78 -0.10 0.00	27.01 -0.11 0.00	28.44 -0.03 0.00	29.96 0.12 0.00	31.58 -0.06 0.00	34.72 0.00 0.00	37.14 0.04 0.00	38.49 0.27 0.00	43.26 0.34 0.00	47.08 0.42 0.00	50.02 0.74 0.00	66.17 0.91 0.00	80.45 1.22 -2.86	101.71 1.84 -7.75	86.75 1.45 -4.80	75.42 1.32 -0.50	57.02 1.26 -1.12	47.54 0.74 -0.23	39.86 0.51 0.00	35.17 0.24 0.00
ELEC_TRO_TEK 24086	34.16 2.73 -0.74	31.25 2.13 0.00	30.22 2.32 -0.62	28.73 2.20 0.00	27.95 2.07 0.00	29.41 2.28 -0.02	31.09 2.48 -0.15	32.53 2.69 0.00	34.68 3.04 0.00	38.05 3.33 0.00	40.40 3.30 0.00	41.36 3.13 0.00	46.14 3.22 0.00	50.90 4.25 0.00	53.82 4.53 0.00	70.93 5.68 0.00	86.69 6.72 -3.60	99.77 7.65 0.00	93.03 6.28 -6.25	83.45 4.64 -5.22	63.09 3.28 -5.17	51.77 2.79 -2.42	42.01 2.64 -0.02	39.66 3.07 -1.67
ELLENBURG_WT_PWR 323604	30.38 -0.31 0.00	28.84 -0.29 0.00	26.84 -0.44 0.00	26.08 -0.45 0.00	25.36 -0.52 0.00	26.55 -0.57 0.00	27.82 -0.65 0.00	29.33 -0.51 0.00	31.39 -0.25 0.00	33.68 -1.04 0.00	35.95 -1.15 0.00	36.28 -1.95 0.00	40.00 -2.92 0.00	43.30 -3.36 0.00	45.20 -4.09 0.00	44.92 -5.16 15.17	53.65 -6.72 16.00	59.94 -7.55 24.63	62.41 -4.99 13.10	69.62 -3.98 0.00	48.65 -3.28 2.72	44.09 -2.47 0.00	37.54 -1.81 0.00	33.91 -1.01 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.42 0.74 0.00	30.15 1.02 0.00	27.72 0.44 0.00	26.82 0.29 0.00	26.24 0.36 0.00	27.47 0.35 0.00	29.18 0.71 0.00	30.89 1.04 0.00	32.06 0.41 0.00	35.49 0.76 0.00	37.73 0.63 0.00	39.64 1.41 0.00	44.68 1.76 0.00	48.38 1.73 0.00	51.95 2.66 0.00	67.73 2.48 0.00	82.30 3.67 -2.26	100.27 4.51 -3.63	87.77 3.86 -3.40	78.15 3.75 -0.80	58.83 3.39 -0.80	48.79 1.86 -0.37	40.77 1.42 0.00	35.59 0.66 0.00
EMPIRE_CC_1 323656	31.67 0.98 0.00	30.12 0.99 0.00	28.45 1.17 0.00	27.75 1.22 0.00	27.02 1.14 0.00	28.26 1.14 0.00	29.58 1.11 0.00	30.80 0.95 0.00	32.72 1.08 0.00	35.90 1.18 0.00	38.40 1.30 0.00	39.41 1.19 0.00	44.20 1.29 0.00	48.47 1.82 0.00	51.40 2.12 0.00	67.87 2.61 0.00	85.00 3.06 -5.57	95.44 3.31 0.00	93.16 2.98 -9.68	84.21 2.50 -8.11	64.53 1.86 -8.03	51.80 1.49 -3.75	40.61 1.26 0.00	36.25 1.33 0.00
EMPIRE_CC_2 323658	31.67 0.98 0.00	30.12 0.99 0.00	28.45 1.17 0.00	27.75 1.22 0.00	27.02 1.14 0.00	28.26 1.14 0.00	29.58 1.11 0.00	30.80 0.95 0.00	32.72 1.08 0.00	35.90 1.18 0.00	38.40 1.30 0.00	39.41 1.19 0.00	44.20 1.29 0.00	48.47 1.82 0.00	51.40 2.12 0.00	67.87 2.61 0.00	85.00 3.06 -5.57	95.44 3.31 0.00	93.16 2.98 -9.68	84.21 2.50 -8.11	64.53 1.86 -8.03	51.80 1.49 -3.75	40.61 1.26 0.00	36.25 1.33 0.00
ENORWICH_115KV_TB1 80156	33.17 2.49 0.00	31.55 2.42 0.00	29.22 1.94 0.00	28.31 1.78 0.00	27.87 1.99 0.00	29.31 2.20 0.00	30.89 2.42 0.00	32.20 2.36 0.00	33.86 2.22 0.00	37.01 2.29 0.00	39.70 2.60 0.00	41.24 3.02 0.00	46.48 3.56 0.00	50.90 4.25 0.00	54.56 5.27 0.00	72.30 7.05 0.00	86.16 8.32 -1.46	104.12 11.24 -0.76	93.72 10.47 -2.75	85.44 9.79 -2.06	64.82 8.14 -2.04	53.47 5.96 -0.95	43.56 4.21 0.00	38.07 3.14 0.00

ERIE_ST__34_KV_TB1-2 80199	31.64 0.95 0.00	30.29 1.17 0.00	27.83 0.55 0.00	26.93 0.40 0.00	26.35 0.47 0.00	27.63 0.52 0.00	29.38 0.91 0.00	31.10 1.25 0.00	32.41 0.76 0.00	35.90 1.18 0.00	38.18 1.08 0.00	40.21 1.99 0.00	45.36 2.45 0.00	49.27 2.61 0.00	52.98 3.70 0.00	69.23 3.98 0.00	84.22 5.58 -2.27	102.55 6.82 -3.61	89.81 5.88 -3.43	79.81 5.37 -0.84	59.90 4.43 -0.83	49.70 2.75 -0.39	41.40 2.05 0.00	36.14 1.22 0.00
ERIE_WT_PWR 323693	32.04 1.35 0.00	30.09 0.96 0.00	27.86 0.57 0.00	26.74 0.21 0.00	26.27 0.39 0.00	27.53 0.41 0.00	29.18 0.71 0.00	30.77 0.93 0.00	32.28 0.63 0.00	35.76 1.04 0.00	38.14 1.04 0.00	40.14 1.91 0.00	45.23 2.32 0.00	48.99 2.33 0.00	52.39 3.11 0.00	68.51 3.26 0.00	83.07 4.43 -2.27	101.17 5.43 -3.62	88.67 4.75 -3.42	78.91 4.49 -0.83	59.34 3.88 -0.82	49.18 2.23 -0.38	41.08 1.73 0.00	35.87 0.94 0.00
ESPRGFLD_115KV_TB1 80157	33.08 2.39 0.00	31.43 2.30 0.00	29.36 2.07 0.00	28.50 1.96 0.00	27.90 2.02 0.00	29.29 2.17 0.00	30.86 2.39 0.00	32.26 2.42 0.00	34.15 2.50 0.00	37.39 2.67 0.00	39.96 2.86 0.00	41.32 3.10 0.00	46.52 3.61 0.00	50.95 4.29 0.00	54.36 5.08 0.00	71.91 6.66 0.00	92.15 7.79 -7.99	102.07 9.95 0.00	103.24 8.86 -13.88	93.47 8.24 -11.63	72.72 6.56 -11.52	56.87 4.94 -5.38	42.93 3.58 0.00	37.86 2.93 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.52 0.83 0.00	29.97 0.84 0.00	27.85 0.57 0.00	27.06 0.53 0.00	26.47 0.60 0.00	27.77 0.65 0.00	29.27 0.80 0.00	30.83 0.98 0.00	32.41 0.76 0.00	35.59 0.87 0.00	38.06 0.96 0.00	39.45 1.22 0.00	44.42 1.50 0.00	48.48 1.82 0.00	51.55 2.27 0.00	68.26 3.00 0.00	82.83 3.74 -2.72	102.39 5.07 -5.20	89.52 4.59 -4.43	78.98 4.19 -1.19	59.83 3.55 -1.64	49.62 2.51 -0.55	41.16 1.81 0.00	36.18 1.26 0.00
ETNA____115KV_TB2 80207	31.52 0.83 0.00	29.97 0.84 0.00	27.85 0.57 0.00	27.06 0.53 0.00	26.47 0.60 0.00	27.77 0.65 0.00	29.27 0.80 0.00	30.83 0.98 0.00	32.41 0.76 0.00	35.59 0.87 0.00	38.06 0.96 0.00	39.45 1.22 0.00	44.42 1.50 0.00	48.48 1.82 0.00	51.55 2.27 0.00	68.26 3.00 0.00	82.83 3.74 -2.72	102.39 5.07 -5.20	89.52 4.59 -4.43	78.98 4.19 -1.19	59.83 3.55 -1.64	49.62 2.51 -0.55	41.16 1.81 0.00	36.18 1.26 0.00
EUCLID____115KV_TB2 356179	30.29 -0.40 0.00	28.81 -0.32 0.00	26.85 -0.44 0.00	26.08 -0.45 0.00	25.47 -0.41 0.00	26.71 -0.41 0.00	28.13 -0.34 0.00	29.60 -0.24 0.00	31.17 -0.47 0.00	34.30 -0.42 0.00	36.73 -0.37 0.00	38.07 -0.15 0.00	42.79 -0.13 0.00	46.61 -0.05 0.00	49.48 0.20 0.00	65.38 0.13 0.00	80.11 0.38 -3.36	100.26 0.64 -7.49	85.97 0.40 -5.06	74.04 0.44 0.00	55.92 0.49 -0.79	46.70 0.14 0.00	39.35 0.00 0.00	34.71 -0.21 0.00
E_CANADA_CAP_HY 24051	33.63 2.95 0.00	31.92 2.80 0.00	29.90 2.62 0.00	29.00 2.47 0.00	28.39 2.51 0.00	29.80 2.69 0.00	31.40 2.93 0.00	32.80 2.95 0.00	34.72 3.07 0.00	37.98 3.26 0.00	40.48 3.38 0.00	41.82 3.59 0.00	47.08 4.16 0.00	51.74 5.09 0.00	55.20 5.91 0.00	72.88 7.63 0.00	95.54 9.24 -9.93	103.92 11.79 0.00	108.30 10.54 -17.25	98.00 9.93 -14.47	76.89 7.92 -14.33	59.40 6.15 -6.69	43.76 4.41 0.00	38.55 3.63 0.00
E_CANADA_MHWK_HY 24050	30.63 -0.06 0.00	29.10 -0.03 0.00	27.23 -0.05 0.00	26.48 -0.05 0.00	25.85 -0.03 0.00	27.15 0.03 0.00	28.47 0.00 0.00	29.75 -0.09 0.00	31.61 -0.03 0.00	34.65 -0.07 0.00	37.29 0.19 0.00	38.42 0.19 0.00	43.22 0.30 0.00	46.70 0.05 0.00	49.53 0.25 0.00	66.33 0.20 -0.88	79.55 0.15 -3.02	98.55 0.18 -6.24	84.78 0.32 -3.95	73.74 0.15 0.00	55.78 0.33 -0.81	46.70 0.14 0.00	39.35 0.00 0.00	34.82 -0.10 0.00
E_FISHKILL____LBMP 23776	32.56 1.87 0.00	30.67 1.54 0.00	28.92 1.64 0.00	28.20 1.67 0.00	27.41 1.53 0.00	28.72 1.60 0.00	30.18 1.71 0.00	31.63 1.79 0.00	33.70 2.06 0.00	37.01 2.29 0.00	39.51 2.41 0.00	40.52 2.29 0.00	45.49 2.58 0.00	49.78 3.13 0.00	52.78 3.50 0.00	70.15 4.89 0.00	85.87 5.80 -3.69	98.39 6.26 0.00	92.31 5.39 -6.41	83.15 4.19 -5.36	63.01 3.06 -5.31	51.37 2.33 -2.48	41.32 1.97 0.00	37.05 2.13 0.00
FALCON____SEABRD_CC1 323796	30.69 0.00 0.00	29.16 0.03 0.00	27.12 -0.16 0.00	26.35 -0.18 0.00	25.62 -0.26 0.00	26.82 -0.30 0.00	28.07 -0.40 0.00	29.66 -0.18 0.00	31.77 0.13 0.00	33.64 -1.08 0.00	35.91 -1.19 0.00	35.97 -2.26 0.00	39.36 -3.56 0.00	42.64 -4.01 0.00	44.55 -4.73 0.00	44.11 -6.00 15.14	52.30 -7.79 16.28	58.18 -8.75 25.19	60.99 -6.04 13.48	68.74 -4.86 0.00	47.91 -3.93 2.79	43.44 -3.12 0.00	37.34 -2.01 0.00	34.26 -0.66 0.00
FALCON____SEABRD_CC2 323797	30.69 0.00 0.00	29.16 0.03 0.00	27.12 -0.16 0.00	26.35 -0.18 0.00	25.62 -0.26 0.00	26.82 -0.30 0.00	28.07 -0.40 0.00	29.66 -0.18 0.00	31.77 0.13 0.00	33.64 -1.08 0.00	35.91 -1.19 0.00	35.97 -2.26 0.00	39.36 -3.56 0.00	42.64 -4.01 0.00	44.55 -4.73 0.00	44.11 -6.00 15.14	52.30 -7.79 16.28	58.18 -8.75 25.19	60.99 -6.04 13.48	68.74 -4.86 0.00	47.91 -3.93 2.79	43.44 -3.12 0.00	37.34 -2.01 0.00	34.26 -0.66 0.00
FAR ROCKAWAY____4 23548	34.78 3.35 -0.74	31.81 2.68 0.00	30.72 2.81 -0.62	29.19 2.65 0.00	28.36 2.48 0.00	29.87 2.74 -0.02	31.58 2.96 -0.15	33.09 3.25 0.00	35.32 3.67 0.00	38.75 4.03 0.00	41.22 4.12 0.00	42.31 4.09 0.00	47.04 4.12 0.00	51.97 5.32 0.00	55.05 5.77 0.00	72.43 7.18 0.00	88.45 8.48 -3.60	102.07 9.95 0.00	94.96 8.21 -6.25	85.15 6.33 -5.22	64.29 4.48 -5.17	52.84 3.86 -2.42	43.02 3.62 -0.05	40.50 3.91 -1.67
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.14 2.46 0.00	31.02 1.89 0.00	29.27 1.99 0.00	28.55 2.02 0.00	27.72 1.84 0.00	29.10 1.98 0.00	30.63 2.16 0.00	32.26 2.42 0.00	34.46 2.82 0.00	37.85 3.12 0.00	40.29 3.19 0.00	41.28 3.06 0.00	46.31 3.39 0.00	50.72 4.06 0.00	53.72 4.44 0.00	71.78 6.53 0.00	87.68 7.71 -3.59	100.51 8.38 0.00	93.83 7.08 -6.25	84.27 5.45 -5.23	63.70 3.88 -5.17	51.82 2.84 -2.42	41.79 2.44 0.00	37.65 2.72 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.14 2.46 0.00	31.02 1.89 0.00	29.27 1.99 0.00	28.58 2.04 0.00	27.72 1.84 0.00	29.10 1.98 0.00	30.63 2.16 0.00	32.26 2.42 0.00	34.46 2.82 0.00	37.85 3.12 0.00	40.25 3.15 0.00	41.28 3.06 0.00	46.31 3.39 0.00	50.72 4.06 0.00	53.72 4.44 0.00	71.78 6.53 0.00	87.68 7.71 -3.59	100.51 8.38 0.00	93.83 7.08 -6.25	84.27 5.45 -5.23	63.70 3.88 -5.17	51.82 2.84 -2.42	41.83 2.48 0.00	37.68 2.76 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.11 2.42 0.00	30.99 1.86 0.00	29.25 1.96 0.00	28.55 2.02 0.00	27.69 1.81 0.00	29.07 1.95 0.00	30.61 2.14 0.00	32.23 2.39 0.00	34.43 2.78 0.00	37.85 3.12 0.00	40.25 3.15 0.00	41.24 3.02 0.00	46.26 3.35 0.00	50.67 4.01 0.00	53.67 4.39 0.00	71.71 6.46 0.00	87.60 7.64 -3.59	100.41 8.29 0.00	93.75 7.00 -6.25	84.19 5.37 -5.23	63.64 3.83 -5.17	51.77 2.79 -2.42	41.79 2.44 0.00	37.61 2.69 0.00

FARRAGUT___LBMP 323566	33.08 2.39 0.00	30.96 1.84 0.00	29.22 1.94 0.00	28.52 1.99 0.00	27.66 1.79 0.00	29.04 1.93 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.40 2.75 0.00	37.78 3.06 0.00	40.18 3.08 0.00	41.21 2.98 0.00	46.22 3.30 0.00	50.62 3.97 0.00	53.62 4.34 0.00	71.58 6.33 0.00	87.53 7.56 -3.59	100.32 8.20 0.00	93.67 6.92 -6.25	84.05 5.23 -5.23	63.53 3.72 -5.17	51.72 2.75 -2.42	41.75 2.40 0.00	37.61 2.69 0.00
FENNER___WINDPWR 24204	31.42 0.74 0.00	29.77 0.64 0.00	27.77 0.49 0.00	26.93 0.40 0.00	26.37 0.49 0.00	27.69 0.57 0.00	29.13 0.66 0.00	30.53 0.69 0.00	32.31 0.67 0.00	35.48 0.76 0.00	38.03 0.93 0.00	39.37 1.15 0.00	44.29 1.37 0.00	48.10 1.45 0.00	51.26 1.97 0.00	67.87 2.61 0.00	84.06 3.06 -4.63	106.37 4.05 -10.20	91.06 3.63 -6.93	77.48 3.31 -0.57	59.15 2.79 -1.73	48.92 2.10 -0.26	40.81 1.46 0.00	35.94 1.01 0.00
FIBERTEK___ENERGY 23856	30.72 0.03 0.00	29.22 0.09 0.00	27.20 -0.08 0.00	26.40 -0.13 0.00	25.80 -0.08 0.00	27.06 -0.05 0.00	28.50 0.03 0.00	30.02 0.18 0.00	31.61 -0.03 0.00	34.76 0.03 0.00	37.25 0.15 0.00	38.61 0.38 0.00	43.43 0.52 0.00	47.08 0.42 0.00	49.98 0.69 0.00	66.04 0.78 0.00	80.50 1.07 -3.06	101.77 1.57 -8.08	86.83 1.29 -5.04	75.17 1.10 -0.47	56.94 1.15 -1.15	47.52 0.74 -0.22	39.94 0.59 0.00	35.20 0.28 0.00
FITZPATRICK____ 23598	29.86 -0.83 0.00	28.31 -0.82 0.00	26.44 -0.85 0.00	25.66 -0.87 0.00	25.08 -0.80 0.00	26.31 -0.81 0.00	27.64 -0.83 0.00	29.04 -0.80 0.00	30.70 -0.95 0.00	33.71 -1.01 0.00	36.10 -1.00 0.00	37.35 -0.88 0.00	41.97 -0.94 0.00	45.63 -1.03 0.00	48.40 -0.89 0.00	64.01 -1.24 0.00	75.00 -1.37 0.00	75.00 -1.48 15.65	75.00 -1.37 4.14	72.42 -1.18 0.00	53.88 -0.77 0.00	45.72 -0.84 0.00	38.56 -0.79 0.00	34.08 -0.84 0.00
FLOWRFLD_69_KV_BK1 356044	35.02 3.59 -0.74	31.89 2.77 0.00	31.09 3.16 -0.64	29.50 2.97 0.00	28.70 2.82 0.00	30.30 3.15 -0.03	32.11 3.42 -0.23	33.24 3.40 0.00	35.35 3.70 0.00	38.85 4.13 0.00	41.07 3.97 0.00	42.01 3.78 0.00	47.45 3.61 -0.93	51.63 4.95 -0.03	56.96 5.13 -2.55	165.44 6.20 -93.99	286.01 7.33 -202.30	300.33 8.66 -199.55	301.29 7.25 -213.54	149.08 5.45 -70.04	63.60 3.77 -5.18	53.29 3.45 -3.28	44.37 3.31 -1.71	40.62 4.02 -1.68
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.99 2.30 0.00	31.05 1.92 0.00	29.22 1.94 0.00	28.47 1.94 0.00	27.61 1.73 0.00	28.93 1.82 0.00	30.38 1.91 0.00	31.81 1.97 0.00	33.89 2.25 0.00	37.22 2.50 0.00	39.88 2.78 0.00	40.90 2.68 0.00	46.05 3.13 0.00	50.44 3.78 0.00	53.57 4.29 0.00	71.39 6.13 0.00	87.27 7.26 -3.64	100.23 8.11 0.00	93.83 7.00 -6.32	84.55 5.67 -5.29	63.98 4.10 -5.24	52.08 3.07 -2.45	41.95 2.60 0.00	37.47 2.55 0.00
FORT ORANGE____ 23900	31.76 1.07 0.00	30.17 1.05 0.00	28.40 1.12 0.00	27.67 1.14 0.00	26.94 1.06 0.00	28.20 1.09 0.00	29.58 1.11 0.00	30.86 1.02 0.00	32.75 1.11 0.00	35.94 1.21 0.00	38.10 1.00 0.00	38.99 0.76 0.00	43.73 0.81 0.00	48.05 1.40 0.00	51.01 1.72 0.00	67.28 2.03 0.00	86.42 2.44 -7.61	94.88 2.76 0.00	96.14 2.41 -13.22	86.89 2.21 -11.09	67.26 1.64 -10.98	53.18 1.49 -5.13	40.53 1.18 0.00	36.04 1.12 0.00
FORT_DRUM_COGEN 23780	31.42 0.74 0.00	29.86 0.73 0.00	27.72 0.44 0.00	26.90 0.37 0.00	26.45 0.57 0.00	27.77 0.65 0.00	29.15 0.68 0.00	30.26 0.42 0.00	31.99 0.35 0.00	35.00 0.28 0.00	37.54 0.45 0.00	38.99 0.76 0.00	43.90 0.99 0.00	47.78 1.12 0.00	49.98 0.69 0.00	63.02 0.78 3.01	102.85 0.76 -25.71	153.48 1.84 -59.52	119.96 2.42 -37.04	76.25 2.65 0.00	64.78 2.62 -7.51	48.52 1.96 0.00	41.28 1.93 0.00	36.04 1.12 0.00
FPL_FAR_ROCK_GT1 24212	34.62 3.19 -0.74	31.99 2.86 0.00	30.72 2.81 -0.63	29.29 2.76 0.00	28.36 2.48 0.00	29.90 2.77 -0.02	31.60 2.99 -0.15	33.18 3.34 0.00	35.28 3.64 0.00	38.75 4.03 0.00	40.74 3.64 0.00	42.01 3.79 0.00	46.91 3.99 0.00	52.07 5.41 0.00	55.20 5.91 0.00	72.43 7.18 0.00	88.44 8.48 -3.60	102.08 9.95 0.00	95.05 8.29 -6.25	85.15 6.33 -5.22	64.24 4.42 -5.17	52.84 3.86 -2.42	43.02 3.62 -0.05	40.50 3.91 -1.67
FPL_FAR_ROCK_GT2 23815	34.62 3.19 -0.74	31.99 2.86 0.00	30.72 2.81 -0.63	29.29 2.76 0.00	28.36 2.48 0.00	29.90 2.77 -0.02	31.60 2.99 -0.15	33.18 3.34 0.00	35.28 3.64 0.00	38.75 4.03 0.00	40.74 3.64 0.00	42.01 3.79 0.00	46.91 3.99 0.00	52.07 5.41 0.00	55.20 5.91 0.00	72.43 7.18 0.00	88.44 8.48 -3.60	102.08 9.95 0.00	95.05 8.29 -6.25	85.15 6.33 -5.22	64.24 4.42 -5.17	52.84 3.86 -2.42	43.02 3.62 -0.05	40.50 3.91 -1.67
FRANKLIN_FALL_HYD 24054	30.35 -0.34 0.00	28.81 -0.32 0.00	26.85 -0.44 0.00	26.08 -0.45 0.00	25.39 -0.49 0.00	26.58 -0.54 0.00	27.82 -0.65 0.00	29.33 -0.51 0.00	31.39 -0.25 0.00	33.89 -0.83 0.00	35.88 -1.22 0.00	36.81 -1.41 0.00	40.81 -2.10 0.00	44.09 -2.57 0.00	46.23 -3.06 0.00	46.80 -4.24 14.21	46.72 -5.88 23.77	45.35 -6.54 40.23	52.62 -4.27 23.61	70.36 -3.24 0.00	47.13 -2.62 4.90	44.65 -1.91 0.00	37.93 -1.42 0.00	33.98 -0.94 0.00
FREEPORT_EQUS_GT1 23764	34.41 2.98 -0.74	31.81 2.68 0.00	30.55 2.65 -0.63	29.13 2.60 0.00	28.23 2.35 0.00	29.76 2.63 -0.02	31.46 2.85 -0.15	32.95 3.10 0.00	35.07 3.42 0.00	38.51 3.79 0.00	40.33 3.23 0.00	41.55 3.32 0.00	46.39 3.47 0.00	51.42 4.76 0.00	54.51 5.22 0.00	71.25 6.00 0.00	87.14 7.18 -3.59	100.50 8.38 0.00	93.68 6.92 -6.25	83.97 5.15 -5.22	63.31 3.50 -5.17	52.24 3.26 -2.42	42.52 3.15 -0.02	40.19 3.60 -1.67
FREEPORT___CT2 23818	34.41 2.98 -0.74	31.81 2.68 0.00	30.55 2.65 -0.63	29.13 2.60 0.00	28.23 2.35 0.00	29.76 2.63 -0.02	31.46 2.85 -0.15	32.95 3.10 0.00	35.07 3.42 0.00	38.51 3.79 0.00	40.33 3.23 0.00	41.55 3.32 0.00	46.39 3.47 0.00	51.42 4.76 0.00	54.51 5.22 0.00	71.25 6.00 0.00	87.14 7.18 -3.59	100.50 8.38 0.00	93.68 6.92 -6.25	83.97 5.15 -5.22	63.31 3.50 -5.17	52.24 3.26 -2.42	42.52 3.15 -0.02	40.19 3.60 -1.67
FRESHKLS_33_KV_LOAD 356253	33.37 2.67 -0.01	31.11 1.98 0.00	29.46 2.18 0.00	28.77 2.23 -0.01	27.87 1.99 0.00	29.12 2.01 0.00	30.58 2.11 0.00	32.19 2.36 0.01	34.49 2.85 0.01	35.64 3.26 2.34	38.83 3.34 1.61	40.13 3.13 1.23	40.78 3.22 5.35	40.66 3.83 9.82	41.81 4.09 11.56	53.44 6.33 18.15	71.14 7.71 12.94	76.44 8.20 23.88	62.45 7.08 25.14	47.82 5.15 30.92	42.39 3.93 16.19	41.21 2.56 7.91	40.98 2.48 0.85	37.78 2.86 0.01
FULTON COGEN____ 23766	30.32 -0.37 0.00	28.84 -0.29 0.00	26.87 -0.41 0.00	26.08 -0.45 0.00	25.49 -0.39 0.00	26.74 -0.38 0.00	28.16 -0.31 0.00	29.57 -0.27 0.00	31.17 -0.47 0.00	34.27 -0.45 0.00	36.73 -0.37 0.00	38.03 -0.19 0.00	42.79 -0.13 0.00	46.61 -0.05 0.00	49.43 0.15 0.00	65.38 0.13 0.00	80.57 0.31 -3.89	104.94 0.64 -12.17	87.72 0.48 -6.73	74.04 0.44 0.00	56.20 0.60 -0.95	46.79 0.23 0.00	39.39 0.04 0.00	34.75 -0.17 0.00

FULTON___LFGE 323630	34.19 3.50 0.00	32.42 3.29 0.00	30.36 3.08 0.00	29.40 2.87 0.00	28.78 2.90 0.00	30.24 3.12 0.00	31.94 3.47 0.00	33.36 3.52 0.00	35.25 3.61 0.00	38.47 3.75 0.00	41.59 4.49 0.00	42.92 4.70 0.00	48.37 5.45 0.00	52.53 5.88 0.00	56.09 6.80 0.00	74.19 8.94 0.00	98.05 10.92 -10.76	106.49 14.37 0.00	112.24 13.04 -18.69	101.64 12.36 -15.68	79.73 9.56 -15.53	61.31 7.50 -7.25	44.58 5.23 0.00	39.15 4.22 0.00
G.F.CEMENT___DRP 24184	32.65 1.96 0.00	30.96 1.84 0.00	29.14 1.86 0.00	28.26 1.72 0.00	27.61 1.73 0.00	28.96 1.84 0.00	30.43 1.96 0.00	31.84 2.00 0.00	33.83 2.18 0.00	37.15 2.43 0.00	39.44 2.34 0.00	40.67 2.45 0.00	45.66 2.75 0.00	50.20 3.55 0.00	53.38 4.09 0.00	70.73 5.48 0.00	94.54 6.72 -11.44	100.32 8.20 0.00	108.04 7.65 -19.89	97.50 7.21 -16.69	76.69 5.52 -16.52	58.84 4.56 -7.72	42.54 3.19 0.00	37.58 2.65 0.00
GARDENVILLE___LBMP 24039	31.52 0.83 0.00	30.21 1.08 0.00	27.77 0.49 0.00	26.88 0.34 0.00	26.29 0.41 0.00	27.55 0.43 0.00	29.27 0.80 0.00	30.98 1.13 0.00	32.15 0.51 0.00	35.62 0.90 0.00	37.84 0.74 0.00	39.79 1.57 0.00	44.85 1.93 0.00	48.62 1.96 0.00	52.19 2.91 0.00	68.06 2.81 0.00	82.68 4.05 -2.26	100.72 4.97 -3.62	88.19 4.27 -3.42	78.54 4.12 -0.82	59.06 3.61 -0.81	48.94 2.00 -0.38	40.88 1.53 0.00	35.69 0.77 0.00
GARDNVLA_35_KV_LD 355827	31.67 0.98 0.00	30.38 1.25 0.00	27.91 0.63 0.00	27.01 0.48 0.00	26.42 0.54 0.00	27.69 0.57 0.00	29.41 0.94 0.00	31.15 1.31 0.00	32.34 0.70 0.00	35.83 1.11 0.00	38.10 1.00 0.00	40.10 1.87 0.00	45.23 2.32 0.00	48.99 2.33 0.00	52.64 3.35 0.00	68.65 3.39 0.00	83.30 4.66 -2.27	101.45 5.71 -3.62	88.84 4.91 -3.42	79.13 4.71 -0.83	59.45 3.99 -0.82	49.27 2.33 -0.38	41.16 1.81 0.00	35.90 0.98 0.00
GELCKHM___115KV_LOAD 80723	30.44 -0.25 0.00	28.95 -0.17 0.00	26.98 -0.30 0.00	26.19 -0.34 0.00	25.59 -0.28 0.00	26.85 -0.27 0.00	28.27 -0.20 0.00	29.75 -0.09 0.00	31.36 -0.28 0.00	34.48 -0.24 0.00	36.91 -0.19 0.00	38.26 0.04 0.00	43.00 0.09 0.00	46.75 0.09 0.00	49.63 0.34 0.00	65.65 0.39 0.00	80.20 0.61 -3.22	100.68 0.92 -7.63	86.24 0.72 -5.01	74.26 0.66 0.00	56.09 0.71 -0.74	46.93 0.37 0.00	39.59 0.24 0.00	34.89 -0.03 0.00
GENERAL___MILLS 23808	31.58 0.89 0.00	30.29 1.17 0.00	27.83 0.55 0.00	26.96 0.42 0.00	26.37 0.49 0.00	27.61 0.49 0.00	29.32 0.85 0.00	31.07 1.22 0.00	32.25 0.60 0.00	35.73 1.01 0.00	37.99 0.89 0.00	39.94 1.72 0.00	45.02 2.10 0.00	48.76 2.10 0.00	52.39 3.10 0.00	68.32 3.07 0.00	82.99 4.35 -2.27	101.08 5.34 -3.62	88.59 4.42 -3.42	78.84 4.42 -0.83	59.29 3.83 -0.82	49.13 2.19 -0.38	41.04 1.69 0.00	35.80 0.87 0.00
GE_PLASTICS___DRP 24183	31.76 1.07 0.00	30.12 0.99 0.00	28.37 1.09 0.00	27.59 1.06 0.00	26.89 1.01 0.00	28.15 1.03 0.00	29.49 1.02 0.00	30.77 0.93 0.00	32.72 1.08 0.00	35.90 1.18 0.00	38.40 1.30 0.00	39.03 0.80 0.00	43.78 0.86 0.00	47.92 1.26 0.00	50.86 1.58 0.00	67.28 2.02 0.00	85.58 2.29 -6.92	94.52 2.40 0.00	94.62 2.09 -12.02	85.66 1.99 -10.08	66.04 1.42 -9.98	52.76 1.54 -4.66	40.61 1.26 0.00	36.18 1.26 0.00
GILBOA___1 23756	31.85 1.17 0.00	30.44 1.31 0.00	28.59 1.31 0.00	27.86 1.33 0.00	27.12 1.24 0.00	28.42 1.30 0.00	29.75 1.28 0.00	30.91 1.07 0.00	32.82 1.17 0.00	36.01 1.29 0.00	38.47 1.37 0.00	39.56 1.34 0.00	44.42 1.50 0.00	48.62 1.96 0.00	51.60 2.32 0.00	67.80 2.54 0.00	82.49 2.83 -3.29	95.26 3.13 0.00	88.88 2.65 -5.72	81.17 2.80 -4.78	61.45 2.08 -4.73	50.40 1.63 -2.21	40.65 1.30 0.00	36.22 1.29 0.00
GILBOA___2 23757	31.85 1.17 0.00	30.44 1.31 0.00	28.59 1.31 0.00	27.86 1.33 0.00	27.12 1.24 0.00	28.42 1.30 0.00	29.75 1.28 0.00	30.91 1.07 0.00	32.82 1.17 0.00	36.01 1.29 0.00	38.47 1.37 0.00	39.56 1.34 0.00	44.42 1.50 0.00	48.62 1.96 0.00	51.60 2.32 0.00	67.80 2.54 0.00	82.49 2.83 -3.29	95.26 3.13 0.00	88.88 2.65 -5.72	81.17 2.80 -4.78	61.45 2.08 -4.73	50.40 1.63 -2.21	40.65 1.30 0.00	36.22 1.29 0.00
GILBOA___3 23758	31.85 1.17 0.00	30.44 1.31 0.00	28.59 1.31 0.00	27.86 1.33 0.00	27.12 1.24 0.00	28.42 1.30 0.00	29.75 1.28 0.00	30.91 1.07 0.00	32.82 1.17 0.00	36.01 1.29 0.00	38.47 1.37 0.00	39.56 1.34 0.00	44.42 1.50 0.00	48.62 1.96 0.00	51.60 2.32 0.00	67.80 2.54 0.00	82.49 2.83 -3.29	95.26 3.13 0.00	88.88 2.65 -5.72	81.17 2.80 -4.78	61.45 2.08 -4.73	50.40 1.63 -2.21	40.65 1.30 0.00	36.22 1.29 0.00
GILBOA___4 23759	31.85 1.17 0.00	30.44 1.31 0.00	28.59 1.31 0.00	27.86 1.33 0.00	27.12 1.24 0.00	28.42 1.30 0.00	29.75 1.28 0.00	30.91 1.07 0.00	32.82 1.17 0.00	36.01 1.29 0.00	38.47 1.37 0.00	39.56 1.34 0.00	44.42 1.50 0.00	48.62 1.96 0.00	51.60 2.32 0.00	67.80 2.54 0.00	82.49 2.83 -3.29	95.26 3.13 0.00	88.88 2.65 -5.72	81.17 2.80 -4.78	61.45 2.08 -4.73	50.40 1.63 -2.21	40.65 1.30 0.00	36.22 1.29 0.00
GILBOA___ 23599	31.92 1.23 0.00	30.41 1.28 0.00	28.59 1.31 0.00	27.83 1.30 0.00	27.12 1.24 0.00	28.42 1.30 0.00	29.72 1.25 0.00	30.89 1.04 0.00	32.82 1.17 0.00	36.01 1.28 0.00	38.51 1.41 0.00	39.56 1.34 0.00	44.46 1.55 0.00	48.57 1.91 0.00	51.50 2.22 0.00	67.80 2.54 0.00	82.49 2.83 -3.29	95.26 3.13 0.00	88.88 2.66 -5.72	81.17 2.80 -4.78	61.51 2.13 -4.73	50.40 1.63 -2.21	40.65 1.30 0.00	36.21 1.29 0.00
GINNA___ 23603	29.83 -0.86 0.00	28.11 -1.02 0.00	26.16 -1.12 0.00	25.21 -1.33 0.00	24.72 -1.16 0.00	25.95 -1.17 0.00	27.45 -1.02 0.00	28.89 -0.96 0.00	30.35 -1.30 0.00	33.50 -1.22 0.00	35.84 -1.26 0.00	37.38 -0.84 0.00	42.10 -0.82 0.00	45.86 -0.79 0.00	48.84 -0.44 0.00	64.40 -0.85 0.00	78.27 -0.30 -2.20	95.73 0.37 -3.24	83.60 0.00 -3.10	74.36 0.22 -0.55	55.57 0.39 -0.54	46.39 -0.42 -0.25	38.68 -0.67 0.00	33.91 -1.01 0.00
GLEN PARK___ 23778	31.70 1.01 0.00	30.03 0.90 0.00	27.88 0.60 0.00	27.01 0.48 0.00	26.60 0.72 0.00	27.96 0.84 0.00	29.32 0.85 0.00	30.38 0.54 0.00	32.12 0.48 0.00	35.14 0.42 0.00	37.73 0.63 0.00	39.26 1.03 0.00	44.20 1.29 0.00	47.03 0.37 0.00	50.32 1.04 0.00	63.77 1.37 2.86	102.23 1.45 -24.41	151.57 2.76 -56.69	119.02 3.30 -35.21	77.13 3.53 0.00	65.10 3.33 -7.12	50.01 3.45 0.00	41.63 2.28 0.00	36.35 1.43 0.00
GLENDALE_27_KV_LOAD 356172	33.43 2.73 -0.01	31.22 2.10 0.00	29.49 2.21 0.00	28.79 2.26 0.00	27.90 2.02 0.00	29.26 2.14 0.00	30.80 2.33 0.00	32.44 2.60 0.00	34.68 3.04 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.52 3.61 0.00	50.86 4.20 0.00	53.72 4.44 0.00	71.91 6.66 0.00	87.99 8.02 -3.59	100.78 8.66 0.01	94.08 7.33 -6.25	84.33 5.52 -5.22	63.91 4.10 -5.17	51.86 2.89 -2.41	41.99 2.64 0.00	37.96 3.04 0.00

GLENWOOD_IC_1_G5 23712	34.19 2.76 -0.74	31.31 2.18 0.00	30.22 2.32 -0.62	28.76 2.23 0.00	27.95 2.07 0.00	29.41 2.28 -0.02	31.09 2.48 -0.15	32.53 2.69 0.00	34.72 3.07 0.00	38.16 3.44 0.00	40.36 3.26 0.00	41.40 3.17 0.00	46.35 3.43 0.00	51.04 4.39 0.00	54.02 4.73 0.00	71.52 6.26 0.00	87.30 7.33 -3.60	100.41 8.29 0.00	93.59 6.84 -6.25	84.04 5.23 -5.22	63.48 3.66 -5.17	51.96 2.98 -2.42	41.96 2.60 -0.01	39.49 2.90 -1.67
GLENWOOD_IC_2_G1 23688	33.79 2.36 -0.74	31.25 2.13 0.00	30.04 2.13 -0.62	28.68 2.15 0.00	27.82 1.94 0.00	29.25 2.12 -0.02	30.92 2.31 -0.15	32.38 2.54 0.00	34.46 2.82 0.00	37.85 3.13 0.00	40.00 2.90 0.00	41.13 2.90 0.00	46.18 3.26 0.00	50.90 4.25 0.00	53.97 4.68 0.00	71.32 6.07 0.00	87.15 7.18 -3.60	100.13 8.01 0.00	93.52 6.76 -6.25	83.97 5.15 -5.23	63.48 3.66 -5.18	51.87 2.89 -2.42	41.91 2.56 0.00	39.42 2.83 -1.67
GLENWOOD_IC_3_G1 23689	33.79 2.36 -0.74	31.25 2.13 0.00	30.04 2.13 -0.62	28.68 2.15 0.00	27.82 1.94 0.00	29.25 2.12 -0.02	30.92 2.31 -0.15	32.38 2.54 0.00	34.46 2.82 0.00	37.85 3.13 0.00	40.00 2.90 0.00	41.13 2.90 0.00	46.18 3.26 0.00	50.90 4.25 0.00	53.97 4.68 0.00	71.32 6.07 0.00	87.15 7.18 -3.60	100.13 8.01 0.00	93.52 6.76 -6.25	83.97 5.15 -5.23	63.48 3.66 -5.18	51.87 2.89 -2.42	41.91 2.56 0.00	39.42 2.83 -1.67
GLENWOOD___4 23550	34.19 2.76 -0.74	31.31 2.18 0.00	30.22 2.32 -0.62	28.76 2.23 0.00	27.95 2.07 0.00	29.41 2.28 -0.02	31.09 2.48 -0.15	32.53 2.69 0.00	34.72 3.07 0.00	38.16 3.44 0.00	40.48 3.38 0.00	41.51 3.29 0.00	46.48 3.56 0.00	51.14 4.48 0.00	54.16 4.88 0.00	71.65 6.39 0.00	87.53 7.56 -3.60	100.69 8.57 0.00	93.84 7.08 -6.25	84.19 5.37 -5.22	63.64 3.83 -5.17	52.05 3.07 -2.42	42.03 2.68 -0.01	39.56 2.97 -1.67
GLENWOOD___5 23614	34.19 2.76 -0.74	31.31 2.18 0.00	30.22 2.32 -0.62	28.76 2.23 0.00	27.95 2.07 0.00	29.41 2.28 -0.02	31.09 2.48 -0.15	32.53 2.69 0.00	34.72 3.07 0.00	38.16 3.44 0.00	40.48 3.38 0.00	41.51 3.29 0.00	46.48 3.56 0.00	51.14 4.48 0.00	54.16 4.88 0.00	71.65 6.39 0.00	87.53 7.56 -3.60	100.69 8.57 0.00	93.84 7.08 -6.25	84.19 5.37 -5.22	63.64 3.83 -5.17	52.05 3.07 -2.42	42.03 2.68 -0.01	39.56 2.97 -1.67
GLOBAL GREEN_PORT_GT1 23814	36.28 4.85 -0.74	33.90 4.78 0.00	32.50 4.58 -0.63	30.99 4.46 0.00	29.99 4.12 0.00	31.70 4.55 -0.03	33.60 4.93 -0.20	34.56 4.71 0.00	35.92 4.27 0.00	39.55 4.82 0.00	41.44 4.34 0.00	42.81 4.58 0.00	49.00 4.98 -1.11	53.53 6.86 -0.01	58.06 7.49 -1.29	84.60 8.94 -10.41	112.59 10.61 -25.60	127.12 12.90 -22.10	132.88 13.44 -38.94	122.39 10.67 -38.13	67.20 7.37 -5.18	55.91 6.43 -2.92	46.87 5.43 -2.09	42.40 5.80 -1.67
GLOBE___DSASP 323697	30.41 -0.28 0.00	29.22 0.09 0.00	27.09 -0.19 0.00	26.24 -0.29 0.00	25.67 -0.21 0.00	26.63 -0.49 0.00	28.44 -0.03 0.00	29.87 0.03 0.00	30.92 -0.73 0.00	34.20 -0.52 0.00	36.21 -0.89 0.00	38.03 -0.19 0.00	42.79 -0.13 0.00	46.24 -0.42 0.00	49.68 0.39 0.00	64.60 -0.65 0.00	78.61 0.00 -2.24	95.22 -0.09 -3.19	83.90 0.16 -3.24	74.93 0.59 -0.75	56.53 1.15 -0.74	46.86 -0.05 -0.35	39.31 -0.04 0.00	34.50 -0.42 0.00
GOETHSLN___LBMP 323567	32.90 2.21 0.00	30.75 1.63 0.01	29.03 1.75 0.00	28.34 1.80 0.00	27.48 1.60 0.00	28.85 1.74 0.00	30.41 1.94 0.00	31.99 2.15 0.00	34.21 2.56 0.00	35.24 2.85 2.33	38.31 2.82 1.60	39.68 2.68 1.22	40.58 3.00 5.35	40.48 3.64 9.81	41.67 3.94 11.55	71.13 5.87 0.00	70.39 6.95 12.94	99.59 7.46 0.00	93.03 6.28 -6.25	47.39 4.71 30.92	41.80 3.33 16.18	41.03 2.37 7.90	41.44 2.09 0.00	37.37 2.44 0.00
GOLAH___69_KV_TB 1_2 80279	31.33 0.64 0.00	30.06 0.93 0.00	27.72 0.44 0.00	26.82 0.29 0.00	26.24 0.36 0.00	27.55 0.43 0.00	29.21 0.74 0.00	30.92 1.07 0.00	32.09 0.44 0.00	35.49 0.76 0.00	37.95 0.85 0.00	39.72 1.49 0.00	44.72 1.80 0.00	48.62 1.96 0.00	51.65 2.37 0.00	67.73 2.48 0.00	82.17 3.59 -2.21	100.17 4.79 -3.25	87.82 4.19 -3.13	165.19 4.27 -87.33	58.83 3.61 -0.58	49.16 2.33 -0.27	41.12 1.77 0.00	36.11 1.19 0.00
GOODYEAR_LAKE_HYD 323669	32.44 1.75 0.00	30.82 1.69 0.00	28.78 1.50 0.00	27.96 1.43 0.00	27.35 1.48 0.00	28.72 1.60 0.00	30.21 1.74 0.00	31.54 1.70 0.00	33.45 1.80 0.00	36.67 1.94 0.00	39.25 2.15 0.00	40.52 2.29 0.00	45.58 2.66 0.00	49.83 3.17 0.00	53.13 3.84 0.00	70.28 5.02 0.00	86.32 5.73 -4.22	99.22 7.09 0.00	94.04 6.20 -7.33	85.38 5.67 -6.12	65.24 4.54 -6.06	52.74 3.35 -2.83	41.83 2.48 0.00	37.02 2.10 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.33 0.64 0.00	29.83 0.70 0.00	27.75 0.46 0.00	26.93 0.40 0.00	26.32 0.44 0.00	27.61 0.49 0.00	29.10 0.63 0.00	30.65 0.81 0.00	32.28 0.63 0.00	35.52 0.80 0.00	37.99 0.89 0.00	39.37 1.15 0.00	44.29 1.37 0.00	48.29 1.63 0.00	51.40 2.12 0.00	67.86 2.61 0.00	80.82 3.21 -1.24	96.85 4.05 -0.67	86.30 3.46 -2.34	78.49 3.16 -1.73	58.98 2.62 -1.71	49.18 1.82 -0.80	40.65 1.30 0.00	35.80 0.87 0.00
GOUDEY___7 23579	31.36 0.68 0.00	29.86 0.73 0.00	27.77 0.49 0.00	26.96 0.42 0.00	26.35 0.47 0.00	27.63 0.52 0.00	29.12 0.65 0.00	30.68 0.84 0.00	32.31 0.66 0.00	35.55 0.83 0.00	38.03 0.93 0.00	39.45 1.22 0.00	44.38 1.46 0.00	48.38 1.73 0.00	51.45 2.17 0.00	67.99 2.74 0.00	80.98 3.36 -1.24	97.03 4.24 -0.67	86.47 3.62 -2.34	78.56 3.24 -1.73	59.09 2.73 -1.71	49.22 1.86 -0.80	40.69 1.34 0.00	35.87 0.94 0.00
GOUDEY___8 23580	31.33 0.64 0.00	29.83 0.70 0.00	27.75 0.46 0.00	26.93 0.40 0.00	26.32 0.44 0.00	27.61 0.49 0.00	29.10 0.63 0.00	30.65 0.81 0.00	32.28 0.63 0.00	35.52 0.80 0.00	37.99 0.89 0.00	39.37 1.15 0.00	44.29 1.37 0.00	48.29 1.63 0.00	51.40 2.12 0.00	67.86 2.61 0.00	80.82 3.21 -1.24	96.85 4.05 -0.67	86.30 3.46 -2.34	78.49 3.16 -1.73	58.98 2.62 -1.71	49.18 1.82 -0.80	40.65 1.30 0.00	35.80 0.87 0.00
GOWANUS_GT1_1 24077	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT1_2 24078	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00

GOWANUS_GT1_3 24079	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT1_4 24080	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT1_5 24084	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT1_6 24111	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT1_7 24112	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT1_8 24113	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT2_1 24114	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT2_2 24115	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT2_3 24116	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT2_4 24117	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT2_5 24118	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT2_6 24119	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT2_7 24120	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT2_8 24121	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT3_1 24122	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00

GOWANUS_GT3_2 24123	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT3_3 24124	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT3_4 24125	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT3_5 24126	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT3_6 24127	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT3_7 24128	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT3_8 24129	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT4_1 24130	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT4_2 24131	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT4_3 24132	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT4_4 24133	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT4_5 24134	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT4_6 24135	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT4_7 24136	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GOWANUS_GT4_8 24137	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00

GREENBSH_115KV_TB3 55895	31.64 0.95 0.00	29.97 0.84 0.00	28.26 0.98 0.00	27.49 0.96 0.00	26.79 0.91 0.00	28.07 0.95 0.00	29.41 0.94 0.00	30.65 0.81 0.00	32.63 0.98 0.00	35.80 1.08 0.00	38.25 1.15 0.00	39.10 0.88 0.00	43.86 0.94 0.00	48.06 1.40 0.00	50.96 1.68 0.00	67.41 2.15 0.00	86.67 2.52 -7.78	94.89 2.76 0.00	96.36 2.33 -13.52	87.07 2.13 -11.34	67.40 1.53 -11.23	53.20 1.40 -5.24	40.49 1.14 0.00	36.04 1.12 0.00
GREENDGE_115KV_TB5 80291	31.42 0.74 0.00	29.97 0.84 0.00	27.72 0.44 0.00	26.88 0.34 0.00	26.29 0.41 0.00	27.61 0.49 0.00	29.24 0.77 0.00	30.98 1.13 0.00	32.41 0.76 0.00	35.59 0.87 0.00	37.88 0.78 0.00	39.52 1.30 0.00	44.55 1.63 0.00	48.57 1.91 0.00	51.75 2.46 0.00	68.26 3.00 0.00	82.80 3.97 -2.45	101.45 5.53 -3.79	89.06 4.83 -3.72	78.93 4.34 -1.00	59.29 3.66 -0.99	49.40 2.37 -0.46	40.92 1.57 0.00	35.80 0.87 0.00
GREENIDGE___3 23582	31.42 0.74 0.00	29.97 0.84 0.00	27.72 0.44 0.00	26.88 0.34 0.00	26.29 0.41 0.00	27.61 0.49 0.00	29.24 0.77 0.00	30.98 1.13 0.00	32.41 0.76 0.00	35.59 0.87 0.00	37.88 0.78 0.00	39.52 1.30 0.00	44.55 1.63 0.00	48.57 1.91 0.00	51.75 2.46 0.00	68.26 3.00 0.00	82.80 3.97 -2.45	101.45 5.53 -3.79	89.06 4.83 -3.72	78.93 4.34 -1.00	59.29 3.66 -0.99	49.40 2.37 -0.46	40.92 1.57 0.00	35.80 0.87 0.00
GREENIDGE___4 23583	31.64 0.95 0.00	29.88 0.76 0.00	27.72 0.44 0.00	26.77 0.24 0.00	26.27 0.39 0.00	27.58 0.46 0.00	29.15 0.68 0.00	30.83 0.98 0.00	32.40 0.76 0.00	35.59 0.87 0.00	37.91 0.82 0.00	39.56 1.34 0.00	44.59 1.67 0.00	48.52 1.87 0.00	51.75 2.46 0.00	68.32 3.07 0.00	82.87 4.04 -2.45	101.45 5.53 -3.79	89.06 4.83 -3.72	78.93 4.34 -1.00	59.29 3.66 -0.99	49.39 2.37 -0.46	40.96 1.61 0.00	36.01 1.08 0.00
GREENLWN_69_KV_BK 3 55738	34.28 2.85 -0.74	31.28 2.16 0.00	30.30 2.40 -0.62	28.76 2.23 0.00	27.98 2.10 0.00	29.52 2.39 -0.01	31.22 2.62 -0.13	32.62 2.78 0.00	34.81 3.16 0.00	38.26 3.54 0.00	40.29 3.19 0.00	41.17 2.94 0.00	45.18 2.88 0.61	50.65 4.01 0.01	52.80 4.39 0.88	59.32 5.35 11.28	62.46 6.34 20.25	75.45 7.28 23.95	70.38 5.88 16.00	60.73 4.12 16.99	62.65 2.84 -5.16	51.08 2.47 -2.05	41.42 2.32 0.26	39.59 3.00 -1.66
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
GRISSOM___SOLAR 323813	34.19 3.50 0.00	32.42 3.29 0.00	30.36 3.08 0.00	29.40 2.87 0.00	28.78 2.90 0.00	30.24 3.12 0.00	31.94 3.47 0.00	33.36 3.52 0.00	35.25 3.61 0.00	38.47 3.75 0.00	41.59 4.49 0.00	42.92 4.70 0.00	48.37 5.45 0.00	52.53 5.88 0.00	56.09 6.80 0.00	74.19 8.94 0.00	98.05 10.92 -10.76	106.49 14.37 0.00	112.24 13.04 -18.69	101.64 12.36 -15.68	79.73 9.56 -15.53	61.31 7.50 -7.25	44.58 5.23 0.00	39.15 4.22 0.00
GROVEVILLE___HYD 323602	32.99 2.30 0.00	31.05 1.92 0.00	29.22 1.94 0.00	28.47 1.94 0.00	27.61 1.73 0.00	28.93 1.82 0.00	30.38 1.91 0.00	31.81 1.97 0.00	33.89 2.25 0.00	37.22 2.50 0.00	39.88 2.78 0.00	40.90 2.68 0.00	46.05 3.13 0.00	50.44 3.78 0.00	53.57 4.29 0.00	71.39 6.13 0.00	87.27 7.26 -3.64	100.23 8.11 0.00	93.83 7.33 -6.32	84.55 5.67 -5.29	63.98 4.10 -5.24	52.08 3.07 -2.45	41.95 2.60 0.00	37.47 2.55 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.72 0.03 0.00	29.22 0.09 0.00	27.20 -0.08 0.00	26.40 -0.13 0.00	25.80 -0.08 0.00	27.06 -0.05 0.00	28.50 0.03 0.00	30.02 0.18 0.00	31.61 -0.03 0.00	34.76 0.03 0.00	37.25 0.15 0.00	38.61 0.38 0.00	43.43 0.52 0.00	47.08 0.42 0.00	49.98 0.69 0.00	66.04 0.78 0.00	80.50 1.07 -3.06	101.77 1.57 -8.08	86.83 1.29 -5.04	75.17 1.10 -0.47	56.94 1.15 -1.15	47.52 0.74 -0.22	39.94 0.59 0.00	35.20 0.28 0.00
HAMLTNNY_34_KV_TB 80303	30.84 0.15 0.00	29.36 0.23 0.00	27.31 0.03 0.00	26.51 -0.03 0.00	25.93 0.05 0.00	27.17 0.05 0.00	28.64 0.17 0.00	30.20 0.36 0.00	31.80 0.16 0.00	35.00 0.28 0.00	37.43 0.33 0.00	38.80 0.57 0.00	43.65 0.73 0.00	47.50 0.84 0.00	50.57 1.28 0.00	66.88 1.63 0.00	81.27 2.06 -2.84	102.58 2.86 -7.60	87.59 2.33 -4.75	76.23 2.13 -0.50	57.61 1.86 -1.11	48.00 1.21 -0.23	40.22 0.87 0.00	35.41 0.49 0.00
HAMPSHIRE___PAPER_HYD 323593	30.35 -0.34 0.00	28.84 -0.29 0.00	26.87 -0.41 0.00	26.11 -0.43 0.00	25.57 -0.31 0.00	26.82 -0.30 0.00	28.07 -0.40 0.00	29.31 -0.54 0.00	31.14 -0.51 0.00	33.99 -0.73 0.00	36.47 -0.63 0.00	37.61 -0.61 0.00	42.23 -0.69 0.00	45.12 -1.54 0.00	47.46 -1.82 0.00	54.83 -2.35 8.08	136.22 -3.36 -63.20	231.65 -3.50 -143.03	168.34 -2.50 -90.33	71.76 -1.84 0.00	72.23 -1.04 -18.62	46.61 0.05 0.00	39.19 -0.16 0.00	34.47 -0.45 0.00
HARDSCRABBLE_WT_PWR 323673	30.72 0.03 0.00	29.19 0.06 0.00	27.31 0.03 0.00	26.56 0.03 0.00	25.93 0.05 0.00	27.20 0.08 0.00	28.56 0.09 0.00	29.84 0.00 0.00	31.71 0.06 0.00	34.79 0.07 0.00	37.40 0.30 0.00	38.57 0.34 0.00	43.35 0.43 0.00	46.89 0.23 0.00	49.73 0.44 0.00	66.59 0.46 -0.88	79.85 0.46 -3.02	98.92 0.56 -6.24	85.02 0.57 -3.95	74.04 0.44 0.00	55.89 0.44 -0.81	46.84 0.28 0.00	39.43 0.08 0.00	34.89 -0.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.62 1.93 0.00	30.67 1.54 0.00	28.89 1.61 0.00	28.15 1.62 0.00	27.33 1.45 0.00	28.64 1.52 0.00	30.09 1.62 0.00	31.57 1.73 0.00	33.64 1.99 0.00	36.94 2.22 0.00	39.55 2.45 0.00	40.63 2.41 0.00	45.66 2.75 0.00	50.02 3.36 0.00	52.98 3.70 0.00	70.60 5.35 0.00	86.10 6.42 -3.31	99.22 7.09 0.00	92.14 5.88 -5.76	83.05 4.64 -4.82	62.74 3.33 -4.77	51.25 2.47 -2.23	41.44 2.09 0.00	37.02 2.10 0.00
HARSNRAD_115KV_TB1 81005	31.15 0.46 0.00	29.91 0.79 0.00	27.42 0.14 0.00	26.53 0.00 0.00	25.96 0.08 0.00	27.25 0.14 0.00	28.87 0.40 0.00	30.53 0.69 0.00	31.61 -0.03 0.00	34.76 0.03 0.00	36.88 -0.22 0.00	38.80 0.57 0.00	43.69 0.77 0.00	47.26 0.61 0.00	50.71 1.43 0.00	66.04 0.78 0.00	80.29 1.68 -2.24	97.46 2.12 -3.22	85.60 1.85 -3.24	76.47 2.13 -0.74	57.67 2.30 -0.73	47.83 0.93 -0.34	40.18 0.83 0.00	35.10 0.17 0.00
HARZA MOOSE___RIVER 24016	31.33 0.64 0.00	29.74 0.61 0.00	27.72 0.44 0.00	26.93 0.40 0.00	26.40 0.52 0.00	27.71 0.60 0.00	29.10 0.63 0.00	30.35 0.51 0.00	32.18 0.54 0.00	35.24 0.52 0.00	37.84 0.74 0.00	39.14 0.92 0.00	44.03 1.12 0.00	47.96 1.31 0.00	50.42 1.13 0.00	65.07 1.44 1.62	96.18 1.53 -18.28	135.86 2.40 -41.34	108.96 2.50 -25.96	75.95 2.36 0.00	62.14 2.19 -5.31	48.24 1.68 0.00	40.73 1.38 0.00	35.69 0.77 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	30.47 -0.21 0.00	28.98 -0.15 0.00	27.01 -0.27 0.00	26.21 -0.32 0.00	25.62 -0.26 0.00	26.85 -0.27 0.00	28.27 -0.20 0.00	29.75 -0.09 0.00	31.33 -0.32 0.00	34.48 -0.24 0.00	36.95 -0.15 0.00	38.26 0.04 0.00	43.05 0.13 0.00	46.89 0.23 0.00	49.83 0.54 0.00	65.91 0.65 0.00	80.56 0.92 -3.27	100.87 1.29 -7.46	86.56 1.05 -5.01	74.55 0.96 0.00	56.33 0.93 -0.76	47.03 0.47 0.00	39.59 0.24 0.00	34.92 0.00 0.00
HELLGATE_13_KV_LD 55870	33.27 2.58 -0.01	31.11 1.98 0.00	29.39 2.10 0.00	28.68 2.15 0.00	27.79 1.92 0.00	29.12 2.01 0.00	30.63 2.16 0.00	32.26 2.42 0.00	34.49 2.85 0.00	37.92 3.19 -0.01	40.33 3.23 0.00	41.28 3.06 0.00	46.14 3.22 0.00	50.44 3.78 0.00	53.33 4.04 0.00	71.32 6.07 0.00	87.30 7.33 -3.59	99.85 7.74 0.01	93.35 6.60 -6.25	83.67 4.86 -5.22	63.47 3.66 -5.17	51.44 2.47 -2.41	41.71 2.36 0.00	37.79 2.86 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.27 2.58 -0.01	31.11 1.98 0.00	29.39 2.10 0.00	28.68 2.15 0.00	27.79 1.92 0.00	29.12 2.01 0.00	30.63 2.16 0.00	32.26 2.42 0.00	34.49 2.85 0.00	37.92 3.19 -0.01	40.33 3.23 0.00	41.28 3.06 0.00	46.14 3.22 0.00	50.44 3.78 0.00	53.33 4.04 0.00	71.32 6.07 0.00	87.30 7.33 -3.59	99.85 7.74 0.01	93.35 6.60 -6.25	83.67 4.86 -5.22	63.47 3.66 -5.17	51.44 2.47 -2.41	41.71 2.36 0.00	37.79 2.86 0.00
HEMPSTEAD____ 23647	34.07 2.64 -0.74	31.52 2.39 0.00	30.28 2.37 -0.63	28.89 2.36 0.00	28.00 2.12 0.00	29.49 2.36 -0.02	31.18 2.56 -0.15	32.65 2.80 0.00	34.75 3.10 0.00	38.19 3.47 0.00	40.00 2.90 0.00	41.21 2.98 0.00	46.14 3.22 0.00	51.14 4.48 0.00	54.17 4.88 0.00	71.19 5.94 0.00	86.99 7.02 -3.60	100.13 8.01 0.00	93.36 6.60 -6.25	83.67 4.86 -5.22	63.20 3.39 -5.17	51.91 2.94 -2.42	42.07 2.71 -0.01	39.73 3.14 -1.67
HEWLETT__69_KV_BK3 55828	34.56 3.13 -0.74	31.63 2.50 0.00	30.55 2.65 -0.62	29.05 2.52 0.00	28.23 2.36 0.00	29.74 2.60 -0.02	31.41 2.79 -0.15	32.92 3.07 0.00	35.10 3.45 0.00	38.51 3.78 0.00	40.92 3.82 0.00	41.97 3.75 0.00	46.74 3.82 0.00	51.65 4.99 0.00	54.66 5.37 0.00	71.97 6.72 0.00	87.83 7.87 -3.60	101.34 9.21 0.00	94.40 7.65 -6.25	84.56 5.74 -5.22	63.91 4.10 -5.17	52.52 3.54 -2.42	42.71 3.31 -0.05	40.25 3.67 -1.67
HICKLING__1 23621	31.82 1.14 0.00	30.38 1.25 0.00	28.05 0.76 0.00	27.20 0.66 0.00	26.60 0.72 0.00	27.90 0.79 0.00	29.55 1.08 0.00	31.33 1.49 0.00	32.82 1.17 0.00	36.21 1.49 0.00	38.62 1.52 0.00	40.29 2.06 0.00	45.36 2.45 0.00	49.46 2.80 0.00	52.93 3.65 0.00	69.76 4.50 0.00	82.98 5.65 -0.96	99.74 7.19 -0.43	88.48 6.20 -1.78	80.34 5.45 -1.30	60.52 4.59 -1.28	50.33 3.17 -0.60	41.63 2.28 0.00	36.46 1.54 0.00
HICKLING__2 23622	31.82 1.14 0.00	30.38 1.25 0.00	28.05 0.76 0.00	27.20 0.66 0.00	26.60 0.72 0.00	27.90 0.79 0.00	29.55 1.08 0.00	31.33 1.49 0.00	32.82 1.17 0.00	36.21 1.49 0.00	38.62 1.52 0.00	40.29 2.06 0.00	45.36 2.45 0.00	49.46 2.80 0.00	52.93 3.65 0.00	69.76 4.50 0.00	82.98 5.65 -0.96	99.74 7.19 -0.43	88.48 6.20 -1.78	80.34 5.45 -1.30	60.52 4.59 -1.28	50.33 3.17 -0.60	41.63 2.28 0.00	36.46 1.54 0.00
HIGH FALLS__HY 23754	32.68 1.99 0.00	30.76 1.63 0.00	28.92 1.64 0.00	28.18 1.64 0.00	27.35 1.48 0.00	28.61 1.49 0.00	30.06 1.59 0.00	31.45 1.61 0.00	33.48 1.84 0.00	36.74 2.01 0.00	39.40 2.30 0.00	40.56 2.33 0.00	45.62 2.70 0.00	49.50 2.85 0.00	52.49 3.20 0.00	70.08 4.83 0.00	86.09 5.80 -3.92	98.76 6.63 0.00	92.95 5.64 -6.81	83.78 4.49 -5.70	63.51 3.22 -5.64	51.66 2.47 -2.63	41.48 2.12 0.00	37.09 2.17 0.00
HILLBURN__GT 23639	32.38 1.69 0.00	30.64 1.51 0.00	28.81 1.53 0.00	28.15 1.62 0.00	27.33 1.45 0.00	28.64 1.52 0.00	30.15 1.68 0.00	31.72 1.88 0.00	33.73 2.09 0.00	37.01 2.29 0.00	39.51 2.41 0.00	40.60 2.37 0.00	45.62 2.71 0.00	49.97 3.31 0.00	53.03 3.74 0.00	70.41 5.15 0.00	85.86 6.11 -3.37	98.67 6.54 0.00	91.84 5.48 -5.86	82.62 4.12 -4.90	62.45 2.95 -4.85	51.02 2.19 -2.27	41.20 1.85 0.00	36.91 1.99 0.00
HILLSIDE_115KV_TB1 80332	31.15 0.46 0.00	29.71 0.58 0.00	27.50 0.22 0.00	26.66 0.13 0.00	26.09 0.21 0.00	27.36 0.24 0.00	28.95 0.48 0.00	30.62 0.78 0.00	32.12 0.47 0.00	35.42 0.69 0.00	37.84 0.74 0.00	39.45 1.22 0.00	44.38 1.46 0.00	48.34 1.68 0.00	51.65 2.37 0.00	67.99 2.74 0.00	80.88 3.51 -0.99	97.10 4.51 -0.46	86.21 3.86 -1.84	78.25 3.31 -1.35	58.87 2.90 -1.33	49.00 1.82 -0.62	40.61 1.26 0.00	35.59 0.66 0.00
HISHELDN_WT_PWR 323625	31.85 1.17 0.00	29.91 0.79 0.00	27.72 0.44 0.00	26.61 0.08 0.00	26.11 0.23 0.00	27.36 0.24 0.00	28.98 0.51 0.00	30.56 0.72 0.00	32.09 0.44 0.00	35.52 0.80 0.00	37.88 0.78 0.00	39.76 1.53 0.00	44.76 1.84 0.00	48.57 1.91 0.00	51.90 2.61 0.00	67.93 2.68 0.00	82.33 3.67 -2.30	100.31 4.60 -3.59	88.00 4.02 -3.48	78.31 3.82 -0.89	58.86 3.33 -0.88	48.79 1.81 -0.41	40.65 1.30 0.00	35.52 0.59 0.00
HOLTSVILLE_IC_1 23690	34.68 3.25 -0.74	32.19 3.06 0.00	30.92 3.00 -0.63	29.50 2.97 0.00	28.57 2.69 0.00	30.15 3.01 -0.02	31.92 3.24 -0.20	33.07 3.22 0.00	35.07 3.42 0.00	38.51 3.79 0.00	40.07 2.97 0.00	41.13 2.90 0.00	46.88 2.96 -1.00	51.15 4.48 -0.01	55.30 4.83 -1.18	79.40 5.48 -8.67	104.78 6.49 -21.92	118.17 7.64 -18.40	122.69 6.52 -35.66	113.59 4.71 -35.28	63.10 3.28 -5.18	52.42 2.98 -2.87	44.28 2.87 -2.06	40.30 3.70 -1.67
HOLTSVILLE_IC_10 23699	34.93 3.50 -0.74	32.45 3.32 0.00	31.16 3.24 -0.64	29.71 3.18 0.00	28.78 2.90 0.00	30.37 3.23 -0.03	32.18 3.50 -0.21	33.33 3.49 0.00	35.35 3.70 0.00	38.82 4.10 0.00	40.33 3.23 0.00	41.44 3.21 -0.01	47.74 3.35 -1.48	51.62 4.94 -0.02	56.24 5.32 -1.63	88.78 6.27 -17.26	123.96 7.49 -40.09	137.62 8.84 -36.65	140.04 7.49 -52.04	125.83 5.59 -46.64	63.76 3.94 -5.18	53.15 3.54 -3.05	44.85 3.31 -2.19	40.65 4.05 -1.68
HOLTSVILLE_IC_2 23691	34.68 3.25 -0.74	32.19 3.06 0.00	30.92 3.00 -0.63	29.50 2.97 0.00	28.57 2.69 0.00	30.15 3.01 -0.02	31.92 3.24 -0.20	33.07 3.22 0.00	35.07 3.42 0.00	38.51 3.79 0.00	40.07 2.97 0.00	41.13 2.90 0.00	46.88 2.96 -1.00	51.15 4.48 -0.01	55.30 4.83 -1.18	79.40 5.48 -8.67	104.78 6.49 -21.92	118.17 7.64 -18.40	122.69 6.52 -35.66	113.59 4.71 -35.28	63.10 3.28 -5.18	52.42 2.98 -2.87	44.28 2.87 -2.06	40.30 3.70 -1.67
HOLTSVILLE_IC_3 23692	34.68 3.25 -0.74	32.19 3.06 0.00	30.92 3.00 -0.63	29.50 2.97 0.00	28.57 2.69 0.00	30.15 3.01 -0.02	31.92 3.24 -0.20	33.07 3.22 0.00	35.07 3.42 0.00	38.51 3.79 0.00	40.07 2.97 0.00	41.13 2.90 0.00	46.88 2.96 -1.00	51.15 4.48 -0.01	55.30 4.83 -1.18	79.40 5.48 -8.67	104.78 6.49 -21.92	118.17 7.64 -18.40	122.69 6.52 -35.66	113.59 4.71 -35.28	63.10 3.28 -5.18	52.42 2.98 -2.87	44.28 2.87 -2.06	40.30 3.70 -1.67

HOLTSVILLE_IC_4 23693	34.68 3.25 -0.74	32.19 3.06 0.00	30.92 3.00 -0.63	29.50 2.97 0.00	28.57 2.69 0.00	30.15 3.01 -0.02	31.92 3.24 -0.20	33.07 3.22 0.00	35.07 3.42 0.00	38.51 3.79 0.00	40.07 2.97 0.00	41.13 2.90 0.00	46.88 2.96 -1.00	51.15 4.48 -0.01	55.30 4.83 -1.18	79.40 5.48 -8.67	104.78 6.49 -21.92	118.17 7.64 -18.40	122.69 6.52 -35.66	113.59 4.71 -35.28	63.10 3.28 -5.18	52.42 2.98 -2.87	44.28 2.87 -2.06	40.30 3.70 -1.67
HOLTSVILLE_IC_5 23694	34.68 3.25 -0.74	32.19 3.06 0.00	30.92 3.00 -0.63	29.50 2.97 0.00	28.57 2.69 0.00	30.15 3.01 -0.02	31.92 3.24 -0.20	33.07 3.22 0.00	35.07 3.42 0.00	38.51 3.79 0.00	40.07 2.97 0.00	41.13 2.90 0.00	46.88 2.96 -1.00	51.15 4.48 -0.01	55.30 4.83 -1.18	79.40 5.48 -8.67	104.78 6.49 -21.92	118.17 7.64 -18.40	122.69 6.52 -35.66	113.59 4.71 -35.28	63.10 3.28 -5.18	52.42 2.98 -2.87	44.28 2.87 -2.06	40.30 3.70 -1.67
HOLTSVILLE_IC_6 23695	34.93 3.50 -0.74	32.45 3.32 0.00	31.16 3.24 -0.64	29.71 3.18 0.00	28.78 2.90 0.00	30.37 3.23 -0.03	32.18 3.50 -0.21	33.33 3.49 0.00	35.35 3.70 0.00	38.82 4.10 0.00	40.33 3.23 0.00	41.44 3.21 -0.01	47.74 3.35 -1.48	51.62 4.94 -0.02	56.24 5.32 -1.63	88.78 6.27 -17.26	123.96 7.49 -40.09	137.62 8.84 -36.65	140.04 7.49 -52.04	125.83 5.59 -46.64	63.76 3.94 -5.18	53.15 3.54 -3.05	44.85 3.31 -2.19	40.65 4.05 -1.68
HOLTSVILLE_IC_7 23696	34.93 3.50 -0.74	32.45 3.32 0.00	31.16 3.24 -0.64	29.71 3.18 0.00	28.78 2.90 0.00	30.37 3.23 -0.03	32.18 3.50 -0.21	33.33 3.49 0.00	35.35 3.70 0.00	38.82 4.10 0.00	40.33 3.23 0.00	41.44 3.21 -0.01	47.74 3.35 -1.48	51.62 4.94 -0.02	56.24 5.32 -1.63	88.78 6.27 -17.26	123.96 7.49 -40.09	137.62 8.84 -36.65	140.04 7.49 -52.04	125.83 5.59 -46.64	63.76 3.94 -5.18	53.15 3.54 -3.05	44.85 3.31 -2.19	40.65 4.05 -1.68
HOLTSVILLE_IC_8 23697	34.93 3.50 -0.74	32.45 3.32 0.00	31.16 3.24 -0.64	29.71 3.18 0.00	28.78 2.90 0.00	30.37 3.23 -0.03	32.18 3.50 -0.21	33.33 3.49 0.00	35.35 3.70 0.00	38.82 4.10 0.00	40.33 3.23 0.00	41.44 3.21 -0.01	47.74 3.35 -1.48	51.62 4.94 -0.02	56.24 5.32 -1.63	88.78 6.27 -17.26	123.96 7.49 -40.09	137.62 8.84 -36.65	140.04 7.49 -52.04	125.83 5.59 -46.64	63.76 3.94 -5.18	53.15 3.54 -3.05	44.85 3.31 -2.19	40.65 4.05 -1.68
HOLTSVILLE_IC_9 23698	34.93 3.50 -0.74	32.45 3.32 0.00	31.16 3.24 -0.64	29.71 3.18 0.00	28.78 2.90 0.00	30.37 3.23 -0.03	32.18 3.50 -0.21	33.33 3.49 0.00	35.35 3.70 0.00	38.82 4.10 0.00	40.33 3.23 0.00	41.44 3.21 -0.01	47.74 3.35 -1.48	51.62 4.94 -0.02	56.24 5.32 -1.63	88.78 6.27 -17.26	123.96 7.49 -40.09	137.62 8.84 -36.65	140.04 7.49 -52.04	125.83 5.59 -46.64	63.76 3.94 -5.18	53.15 3.54 -3.05	44.85 3.31 -2.19	40.65 4.05 -1.68
HOMER_HL_115KV_TB2 355744	31.36 0.68 0.00	30.03 0.90 0.00	27.58 0.30 0.00	26.72 0.19 0.00	26.14 0.26 0.00	27.42 0.30 0.00	29.21 0.74 0.00	30.98 1.13 0.00	32.31 0.66 0.00	35.76 1.04 0.00	37.66 0.56 0.00	39.56 1.34 0.00	44.63 1.72 0.00	48.38 1.73 0.00	52.00 2.71 0.00	68.06 2.81 0.00	82.58 3.89 -2.31	100.45 4.79 -3.54	87.96 3.94 -3.51	78.00 3.46 -0.95	58.70 3.11 -0.94	48.77 1.77 -0.44	40.53 1.18 0.00	35.76 0.84 0.00
HOWARD_WT_PWR 323690	32.38 1.69 0.00	30.47 1.34 0.00	28.21 0.93 0.00	27.17 0.64 0.00	26.65 0.78 0.00	27.99 0.87 0.00	29.64 1.17 0.00	31.30 1.46 0.00	32.88 1.23 0.00	36.32 1.60 0.00	38.81 1.71 0.00	40.60 2.37 0.00	45.75 2.83 0.00	49.69 3.03 0.00	53.03 3.74 0.00	69.69 4.44 0.00	84.35 5.57 -2.40	102.97 7.28 -3.57	90.61 6.44 -3.66	80.47 5.81 -1.07	60.62 4.92 -1.06	50.22 3.17 -0.49	41.67 2.32 0.00	36.42 1.50 0.00
HQ_GEN_CEDARS 23644	30.01 -0.68 0.00	28.52 -0.61 0.00	26.68 -0.60 0.00	25.95 -0.58 0.00	25.31 -0.57 0.00	26.49 -0.62 0.00	27.70 -0.77 0.00	29.07 -0.78 0.00	30.92 -0.73 0.00	33.82 -0.90 0.00	36.17 -0.93 0.00	37.19 -1.03 0.00	41.67 -1.24 0.00	45.02 -1.63 0.00	47.12 -2.17 0.00	46.98 -3.78 14.48	46.92 -5.35 24.10	50.04 -6.26 35.81	52.77 -5.23 22.50	69.33 -4.27 0.00	46.92 -3.06 4.66	45.02 -1.54 0.00	38.21 -1.14 0.00	33.98 -0.94 0.00
HQ_GEN_CEDARS_PROXY 323590	29.98 -0.70 0.00	28.55 -0.58 0.00	26.68 -0.60 0.00	25.97 -0.56 0.00	25.31 -0.57 0.00	26.50 -0.62 0.00	27.70 -0.77 0.00	29.07 -0.78 0.00	30.92 -0.73 0.00	33.82 -0.90 0.00	36.25 -0.85 0.00	37.19 -1.03 0.00	41.67 -1.25 0.00	44.84 -1.82 0.00	46.43 -2.86 0.00	46.92 -3.85 14.48	46.92 -5.35 24.10	50.04 -6.27 35.81	52.69 -5.32 22.50	69.33 -4.27 0.00	46.92 -3.06 4.66	45.07 -1.49 0.00	38.21 -1.14 0.00	33.98 -0.94 0.00
HQ_GEN_IMPORT 323601	30.17 -0.52 0.00	28.66 -0.47 0.00	26.82 -0.46 0.00	26.11 -0.43 0.00	25.44 -0.44 0.00	26.66 -0.46 0.00	27.96 -0.51 0.00	29.31 -0.54 0.00	31.14 -0.51 0.00	34.10 -0.62 0.00	36.47 -0.63 0.00	37.50 -0.73 0.00	42.01 -0.90 0.00	45.35 -1.31 0.00	47.51 -1.77 0.00	60.20 -2.15 2.90	68.68 -2.60 5.10	79.45 -3.04 9.64	71.75 -2.65 6.10	71.31 -2.28 0.00	51.58 -1.80 1.27	45.35 -1.21 0.00	38.52 -0.83 0.00	34.26 -0.66 0.00
HQ_GEN_WHEEL 23651	30.17 -0.52 0.00	28.66 -0.47 0.00	26.82 -0.46 0.00	26.11 -0.43 0.00	25.44 -0.44 0.00	26.66 -0.46 0.00	27.96 -0.51 0.00	29.31 -0.54 0.00	31.14 -0.51 0.00	34.10 -0.62 0.00	36.47 -0.63 0.00	37.50 -0.73 0.00	42.01 -0.90 0.00	45.35 -1.31 0.00	47.51 -1.77 0.00	60.20 -2.15 2.90	68.68 -2.60 5.10	79.45 -3.04 9.64	71.75 -2.65 6.10	71.31 -2.28 0.00	51.58 -1.80 1.27	45.35 -1.21 0.00	38.52 -0.83 0.00	34.26 -0.66 0.00
HUDSON_AVE_GT_3 23810	33.17 2.49 0.00	31.02 1.89 0.00	29.27 1.99 0.00	28.58 2.04 0.00	27.72 1.84 0.00	29.10 1.98 0.00	30.63 2.16 0.00	32.26 2.42 0.00	34.46 2.82 0.00	37.88 3.16 0.00	40.29 3.19 0.00	41.28 3.06 0.00	46.35 3.43 0.00	50.76 4.11 0.00	53.72 4.44 0.00	71.78 6.53 0.00	87.76 7.79 -3.59	100.60 8.48 0.00	93.91 7.16 -6.25	84.34 5.52 -5.23	63.75 3.93 -5.17	51.82 2.84 -2.42	41.83 2.48 0.00	37.68 2.76 0.00
HUDSON_AVE_GT_4 23540	33.17 2.49 0.00	31.02 1.89 0.00	29.27 1.99 0.00	28.58 2.04 0.00	27.72 1.84 0.00	29.10 1.98 0.00	30.63 2.16 0.00	32.26 2.42 0.00	34.46 2.82 0.00	37.88 3.16 0.00	40.29 3.19 0.00	41.28 3.06 0.00	46.35 3.43 0.00	50.76 4.11 0.00	53.72 4.44 0.00	71.78 6.53 0.00	87.76 7.79 -3.59	100.60 8.48 0.00	93.91 7.16 -6.25	84.34 5.52 -5.23	63.75 3.93 -5.17	51.82 2.84 -2.42	41.83 2.48 0.00	37.68 2.76 0.00
HUDSON_AVE_GT_5 23657	33.17 2.49 0.00	31.02 1.89 0.00	29.27 1.99 0.00	28.58 2.04 0.00	27.72 1.84 0.00	29.10 1.98 0.00	30.63 2.16 0.00	32.26 2.42 0.00	34.46 2.82 0.00	37.88 3.16 0.00	40.29 3.19 0.00	41.28 3.06 0.00	46.35 3.43 0.00	50.76 4.11 0.00	53.72 4.44 0.00	71.78 6.53 0.00	87.76 7.79 -3.59	100.60 8.48 0.00	93.91 7.16 -6.25	84.34 5.52 -5.23	63.75 3.93 -5.17	51.82 2.84 -2.42	41.83 2.48 0.00	37.68 2.76 0.00

HUDSON_AVE_10 24168	33.11 2.42 0.00	30.93 1.81 0.00	29.19 1.91 0.00	28.50 1.96 0.00	27.64 1.76 0.00	29.02 1.90 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.43 2.78 0.00	37.81 3.09 0.00	40.18 3.08 0.00	41.17 2.94 0.00	46.18 3.26 0.00	50.62 3.97 0.00	53.57 4.29 0.00	71.65 6.39 0.00	87.53 7.56 -3.59	100.41 8.29 0.00	93.75 7.00 -6.25	84.12 5.30 -5.23	63.59 3.77 -5.17	51.68 2.70 -2.42	41.75 2.40 0.00	37.58 2.65 0.00
HUDSON___115KV_TB 4 355613	32.25 1.57 0.00	30.58 1.46 0.00	28.81 1.53 0.00	27.99 1.46 0.00	27.25 1.37 0.00	28.53 1.41 0.00	29.92 1.45 0.00	31.15 1.31 0.00	33.07 1.42 0.00	36.28 1.56 0.00	38.66 1.56 0.00	39.45 1.22 0.00	44.29 1.37 0.00	48.71 2.05 0.00	51.75 2.46 0.00	68.39 3.13 0.00	87.00 3.74 -6.89	96.82 4.70 0.00	96.66 4.19 -11.97	87.61 3.97 -10.04	67.53 2.95 -9.94	53.81 2.61 -4.64	41.40 2.05 0.00	36.70 1.78 0.00
HUNTER MOUNT___DRP 323613	32.44 1.75 0.00	30.76 1.63 0.00	28.95 1.66 0.00	28.12 1.59 0.00	27.35 1.48 0.00	28.64 1.52 0.00	30.04 1.57 0.00	31.18 1.34 0.00	33.10 1.46 0.00	36.28 1.56 0.00	38.73 1.63 0.00	39.45 1.22 0.00	44.25 1.33 0.00	48.76 2.10 0.00	51.90 2.61 0.00	68.65 3.39 0.00	86.59 3.97 -6.25	97.19 5.07 0.00	95.86 4.51 -10.85	87.18 4.49 -9.10	66.98 3.33 -9.01	53.75 2.98 -4.21	41.75 2.40 0.00	36.95 2.03 0.00
HUNTINGTON_RES_REC 323705	34.53 3.10 -0.74	31.95 2.82 0.00	30.68 2.78 -0.61	29.27 2.73 0.00	28.39 2.51 0.00	29.99 2.82 -0.05	31.87 3.10 -0.30	33.07 3.22 0.00	35.16 3.51 0.00	38.64 3.92 0.00	40.03 2.93 0.00	41.24 3.02 0.00	45.52 3.22 0.62	51.51 4.76 -0.09	60.94 5.13 -6.53	202.68 6.07 -131.36	364.86 7.18 -281.31	379.49 8.47 -278.89	375.37 7.00 -287.87	249.68 5.07 -171.01	63.29 3.44 -5.21	54.65 3.12 -4.97	42.32 2.95 -0.02	40.22 3.60 -1.70
HUNTLEY___63 23557	31.42 0.74 0.00	30.15 1.02 0.00	27.77 0.49 0.00	26.88 0.34 0.00	26.29 0.41 0.00	27.47 0.35 0.00	29.21 0.74 0.00	30.86 1.01 0.00	31.99 0.35 0.00	35.38 0.66 0.00	37.47 0.37 0.00	39.45 1.22 0.00	44.46 1.55 0.00	47.92 1.26 0.00	51.45 2.17 0.00	67.02 1.76 0.00	81.52 2.90 -2.25	98.85 3.50 -3.22	86.91 3.14 -3.27	77.53 3.16 -0.77	58.35 2.95 -0.76	48.41 1.49 -0.35	40.73 1.38 0.00	35.62 0.70 0.00
HUNTLEY___64 23558	31.42 0.74 0.00	30.15 1.02 0.00	27.77 0.49 0.00	26.88 0.34 0.00	26.29 0.41 0.00	27.47 0.35 0.00	29.21 0.74 0.00	30.86 1.01 0.00	31.99 0.35 0.00	35.38 0.66 0.00	37.47 0.37 0.00	39.45 1.22 0.00	44.46 1.55 0.00	47.92 1.26 0.00	51.45 2.17 0.00	67.02 1.76 0.00	81.52 2.90 -2.25	98.85 3.50 -3.22	86.91 3.14 -3.27	77.53 3.16 -0.77	58.35 2.95 -0.76	48.41 1.49 -0.35	40.73 1.38 0.00	35.62 0.70 0.00
HUNTLEY___65 23559	31.42 0.74 0.00	30.15 1.02 0.00	27.77 0.49 0.00	26.88 0.34 0.00	26.29 0.41 0.00	27.47 0.35 0.00	29.21 0.74 0.00	30.86 1.01 0.00	31.99 0.35 0.00	35.38 0.66 0.00	37.47 0.37 0.00	39.45 1.22 0.00	44.46 1.55 0.00	47.92 1.26 0.00	51.45 2.17 0.00	67.02 1.76 0.00	81.52 2.90 -2.25	98.85 3.50 -3.22	86.91 3.14 -3.27	77.53 3.16 -0.77	58.35 2.95 -0.76	48.41 1.49 -0.35	40.73 1.38 0.00	35.62 0.70 0.00
HUNTLEY___66 23560	31.42 0.74 0.00	30.15 1.02 0.00	27.77 0.49 0.00	26.88 0.34 0.00	26.29 0.41 0.00	27.47 0.35 0.00	29.21 0.74 0.00	30.86 1.01 0.00	31.99 0.35 0.00	35.38 0.66 0.00	37.47 0.37 0.00	39.45 1.22 0.00	44.46 1.55 0.00	47.92 1.26 0.00	51.45 2.17 0.00	67.02 1.76 0.00	81.52 2.90 -2.25	98.85 3.50 -3.22	86.91 3.14 -3.27	77.53 3.16 -0.77	58.35 2.95 -0.76	48.41 1.49 -0.35	40.73 1.38 0.00	35.62 0.70 0.00
HUNTLEY___67 23561	31.18 0.49 0.00	29.91 0.79 0.00	27.53 0.25 0.00	26.66 0.13 0.00	26.06 0.18 0.00	27.28 0.16 0.00	28.98 0.51 0.00	30.65 0.81 0.00	31.77 0.13 0.00	35.17 0.45 0.00	37.36 0.26 0.00	39.26 1.03 0.00	44.20 1.29 0.00	47.82 1.17 0.00	51.36 2.07 0.00	66.95 1.70 0.00	81.30 2.67 -2.25	98.75 3.41 -3.22	86.76 2.98 -3.28	77.40 3.02 -0.79	58.26 2.84 -0.78	48.32 1.40 -0.36	40.41 1.06 0.00	35.31 0.38 0.00
HUNTLEY___68 23562	31.18 0.49 0.00	29.91 0.79 0.00	27.53 0.25 0.00	26.66 0.13 0.00	26.06 0.18 0.00	27.28 0.16 0.00	28.98 0.51 0.00	30.65 0.81 0.00	31.77 0.13 0.00	35.17 0.45 0.00	37.36 0.26 0.00	39.26 1.03 0.00	44.20 1.29 0.00	47.82 1.17 0.00	51.36 2.07 0.00	66.95 1.70 0.00	81.30 2.67 -2.25	98.75 3.41 -3.22	86.76 2.98 -3.28	77.40 3.02 -0.79	58.26 2.84 -0.78	48.32 1.40 -0.36	40.41 1.06 0.00	35.31 0.38 0.00
HYLAND___LFGE 323620	33.23 2.55 0.00	31.28 2.16 0.00	28.97 1.69 0.00	27.86 1.33 0.00	27.35 1.47 0.00	28.72 1.60 0.00	30.26 1.79 0.00	31.39 1.55 0.00	32.40 0.76 0.00	35.38 0.66 0.00	37.66 0.56 0.00	38.46 0.23 0.00	43.13 0.22 0.00	46.89 0.23 0.00	47.46 -1.82 0.00	62.77 -2.48 0.00	75.78 -2.90 -2.31	94.50 -1.29 -3.67	84.56 0.57 -3.49	76.37 1.91 -0.86	58.39 2.89 -0.85	48.68 1.72 -0.40	42.61 3.26 0.00	37.82 2.90 0.00
INDECK___CORINTH 23802	32.22 1.53 0.00	30.58 1.46 0.00	28.78 1.50 0.00	27.94 1.41 0.00	27.28 1.40 0.00	28.64 1.52 0.00	30.06 1.59 0.00	31.48 1.64 0.00	33.42 1.77 0.00	36.70 1.98 0.00	38.84 1.74 0.00	40.06 1.83 0.00	44.93 2.02 0.00	49.46 2.80 0.00	52.64 3.35 0.00	69.69 4.44 0.00	93.35 5.42 -11.55	98.76 6.64 0.00	107.03 6.44 -20.08	96.48 6.04 -16.85	75.97 4.64 -16.68	58.26 3.91 -7.79	41.99 2.64 0.00	37.12 2.20 0.00
INDECK___ILION 23567	30.84 0.15 0.00	29.27 0.15 0.00	27.42 0.14 0.00	26.64 0.11 0.00	26.01 0.13 0.00	27.28 0.16 0.00	28.64 0.17 0.00	29.96 0.12 0.00	31.80 0.16 0.00	34.89 0.17 0.00	37.43 0.33 0.00	38.57 0.34 0.00	43.35 0.43 0.00	47.22 0.56 0.00	49.78 0.49 0.00	66.79 0.65 -0.88	80.08 0.69 -3.02	99.28 0.92 -6.24	85.26 0.81 -3.95	74.26 0.66 0.00	56.05 0.60 -0.81	46.98 0.42 0.00	39.59 0.24 0.00	35.06 0.14 0.00
INDECK___OLEAN 23982	31.70 1.01 0.00	29.86 0.73 0.00	27.58 0.30 0.00	26.56 0.03 0.00	26.09 0.21 0.00	27.33 0.22 0.00	29.10 0.63 0.00	30.71 0.87 0.00	32.28 0.63 0.00	35.76 1.04 0.00	37.66 0.56 0.00	39.68 1.45 0.00	44.72 1.80 0.00	48.66 2.00 0.00	52.04 2.76 0.00	68.12 2.87 0.00	82.65 3.97 -2.31	100.45 4.79 -3.54	88.04 4.02 -3.51	78.01 3.46 -0.95	58.70 3.11 -0.94	48.81 1.81 -0.44	40.53 1.18 0.00	35.76 0.84 0.00
INDECK___OSWEGO 23783	30.23 -0.46 0.00	28.63 -0.50 0.00	26.74 -0.55 0.00	25.92 -0.61 0.00	25.36 -0.52 0.00	26.60 -0.52 0.00	27.96 -0.51 0.00	29.16 -0.69 0.00	30.82 -0.82 0.00	33.85 -0.87 0.00	36.25 -0.85 0.00	37.54 -0.69 0.00	42.19 -0.73 0.00	45.86 -0.79 0.00	48.74 -0.54 0.00	64.04 -0.78 0.44	80.12 -0.84 -4.59	107.31 -0.74 -15.93	87.78 -0.73 -8.00	72.93 -0.66 0.00	55.63 -0.27 -1.26	46.14 -0.42 0.00	38.88 -0.47 0.00	34.33 -0.59 0.00

INDECK___YERKES 23781	31.95 1.26 0.00	29.91 0.79 0.00	27.77 0.49 0.00	26.64 0.11 0.00	26.21 0.34 0.00	27.44 0.33 0.00	29.04 0.57 0.00	30.53 0.69 0.00	32.00 0.35 0.00	35.42 0.69 0.00	37.77 0.67 0.00	39.76 1.53 0.00	44.80 1.89 0.00	48.15 1.49 0.00	51.40 2.12 0.00	67.15 1.89 0.00	81.52 2.90 -2.25	98.85 3.50 -3.22	86.99 3.22 -3.26	77.53 3.16 -0.77	58.35 2.95 -0.76	48.41 1.49 -0.35	40.69 1.34 0.00	35.58 0.66 0.00
INDIAN POINT_GT_1 24139	32.74 2.06 0.00	30.76 1.63 0.00	29.00 1.72 0.00	28.28 1.75 0.00	27.48 1.60 0.00	28.80 1.68 0.00	30.26 1.79 0.00	31.84 2.00 0.00	33.92 2.28 0.00	37.22 2.50 0.00	39.73 2.63 0.00	40.71 2.48 0.00	45.79 2.88 0.00	50.16 3.50 0.00	53.18 3.89 0.00	70.80 5.55 0.00	86.49 6.57 -3.55	99.31 7.19 0.00	92.79 6.12 -6.16	83.46 4.71 -5.16	63.14 3.39 -5.10	51.51 2.56 -2.38	41.51 2.16 0.00	37.19 2.27 0.00
INDIAN POINT_GT_2 23659	32.74 2.06 0.00	30.76 1.63 0.00	29.00 1.72 0.00	28.28 1.75 0.00	27.48 1.60 0.00	28.80 1.68 0.00	30.26 1.79 0.00	31.84 2.00 0.00	33.92 2.28 0.00	37.22 2.50 0.00	39.73 2.63 0.00	40.71 2.48 0.00	45.79 2.88 0.00	50.16 3.50 0.00	53.18 3.89 0.00	70.80 5.55 0.00	86.49 6.57 -3.55	99.31 7.19 0.00	92.79 6.12 -6.16	83.46 4.71 -5.16	63.14 3.39 -5.10	51.51 2.56 -2.38	41.51 2.16 0.00	37.19 2.27 0.00
INDIAN POINT_GT_3 24019	32.74 2.06 0.00	30.76 1.63 0.00	29.00 1.72 0.00	28.28 1.75 0.00	27.48 1.60 0.00	28.80 1.68 0.00	30.26 1.79 0.00	31.84 2.00 0.00	33.92 2.28 0.00	37.22 2.50 0.00	39.73 2.63 0.00	40.71 2.48 0.00	45.79 2.88 0.00	50.16 3.50 0.00	53.18 3.89 0.00	70.80 5.55 0.00	86.49 6.57 -3.55	99.31 7.19 0.00	92.79 6.12 -6.16	83.46 4.71 -5.16	63.14 3.39 -5.10	51.51 2.56 -2.38	41.51 2.16 0.00	37.19 2.27 0.00
INDIAN POINT___2 23530	32.53 1.84 0.00	30.76 1.63 0.00	28.95 1.66 0.00	28.26 1.72 0.00	27.43 1.55 0.00	28.77 1.65 0.00	30.26 1.77 0.00	31.84 2.00 0.00	33.86 2.21 0.00	37.15 2.43 0.00	39.55 2.45 0.00	40.60 2.37 0.00	45.62 2.71 0.00	50.11 3.45 0.00	53.18 3.89 0.00	70.54 5.28 0.00	86.19 6.34 -3.48	98.94 6.82 0.00	92.36 5.80 -6.05	83.08 4.42 -5.06	62.83 3.17 -5.01	51.28 2.37 -2.34	41.36 2.01 0.00	37.09 2.17 0.00
INDIAN POINT___3 23531	32.65 1.96 0.00	30.70 1.57 0.00	28.95 1.66 0.00	28.23 1.70 0.00	27.43 1.55 0.00	28.77 1.65 0.00	30.24 1.77 0.00	31.75 1.91 0.00	33.86 2.22 0.00	37.12 2.40 0.00	39.62 2.52 0.00	40.63 2.41 0.00	45.66 2.75 0.00	49.97 3.31 0.00	52.98 3.70 0.00	70.54 5.29 0.00	86.18 6.26 -3.55	98.85 6.73 0.00	92.39 5.72 -6.17	83.17 4.42 -5.16	62.92 3.17 -5.11	51.32 2.37 -2.39	41.36 2.01 0.00	37.09 2.17 0.00
INGHAM_C_115KV_TB7 356103	30.63 -0.06 0.00	29.07 -0.06 0.00	27.23 -0.05 0.00	26.48 -0.05 0.00	25.85 -0.03 0.00	27.12 0.00 0.00	28.47 0.00 0.00	29.75 -0.09 0.00	31.61 -0.03 0.00	34.65 -0.07 0.00	37.29 0.19 0.00	38.45 0.23 0.00	43.22 0.30 0.00	47.03 0.37 0.00	49.53 0.25 0.00	66.33 0.20 -0.88	79.55 0.15 -3.02	98.55 0.18 -6.24	84.70 0.24 -3.95	73.74 0.15 0.00	55.78 0.33 -0.81	46.70 0.14 0.00	39.35 0.00 0.00	34.82 -0.10 0.00
IP CORINTH___1 23988	32.44 1.75 0.00	30.73 1.60 0.00	28.95 1.66 0.00	28.07 1.54 0.00	27.41 1.53 0.00	28.77 1.65 0.00	30.24 1.77 0.00	31.63 1.79 0.00	33.61 1.96 0.00	36.91 2.19 0.00	39.10 2.00 0.00	40.29 2.06 0.00	45.23 2.32 0.00	49.69 3.03 0.00	52.83 3.55 0.00	70.08 4.83 0.00	93.81 5.88 -11.55	99.31 7.19 0.00	107.51 6.92 -20.08	96.92 6.48 -16.85	76.30 4.97 -16.68	58.54 4.19 -7.79	42.22 2.87 0.00	37.33 2.41 0.00
IP___TICONDEROGA 23804	34.06 3.38 0.00	32.24 3.12 0.00	30.34 3.06 0.00	29.34 2.81 0.00	28.70 2.82 0.00	30.18 3.06 0.00	31.80 3.33 0.00	33.36 3.52 0.00	35.44 3.80 0.00	38.92 4.20 0.00	41.44 4.34 0.00	42.93 4.70 0.00	48.24 5.32 0.00	53.42 6.77 0.00	56.97 7.69 0.00	75.56 10.31 0.00	100.46 12.60 -11.48	107.78 15.66 0.00	114.63 14.17 -19.96	103.89 13.54 -16.75	81.50 10.27 -16.58	62.69 8.38 -7.74	45.06 5.71 0.00	39.46 4.54 0.00
ISLIP_RES_REC 323679	35.14 3.71 -0.74	32.65 3.52 0.00	31.33 3.41 -0.63	29.88 3.34 0.00	28.93 3.05 0.00	30.53 3.39 -0.03	32.37 3.70 -0.20	33.54 3.70 0.00	35.60 3.96 0.00	39.13 4.41 0.00	40.70 3.60 0.00	41.87 3.63 -0.01	48.78 3.86 -2.00	52.22 5.55 -0.02	56.71 5.96 -1.47	87.77 7.05 -15.47	121.07 8.40 -36.30	134.91 9.95 -32.84	136.47 8.45 -47.51	122.65 6.48 -42.57	64.35 4.53 -5.18	53.60 4.05 -2.99	45.54 3.70 -2.49	40.96 4.36 -1.67
JAMAICA__27_KV_LOAD 355505	33.39 2.70 0.00	31.14 2.01 0.00	29.38 2.10 0.00	28.65 2.12 0.00	27.79 1.92 0.00	29.23 2.12 0.00	30.80 2.33 0.00	32.50 2.66 0.00	34.78 3.13 0.00	38.26 3.54 0.00	40.44 3.34 0.00	41.44 3.21 0.00	46.48 3.56 0.00	51.00 4.34 0.00	53.92 4.63 0.00	72.30 7.05 0.00	88.44 8.48 -3.59	101.52 9.40 0.00	94.72 7.97 -6.25	84.93 6.11 -5.23	64.13 4.32 -5.17	52.10 3.12 -2.42	42.18 2.83 0.00	37.89 2.97 0.00
JANIS___SOLAR 323808	32.47 1.78 0.00	30.73 1.60 0.00	28.54 1.26 0.00	27.62 1.09 0.00	27.15 1.27 0.00	28.53 1.41 0.00	30.03 1.56 0.00	31.45 1.61 0.00	33.04 1.39 0.00	36.07 1.35 0.00	38.59 1.49 0.00	40.02 1.80 0.00	45.10 2.19 0.00	49.17 2.52 0.00	52.64 3.35 0.00	69.75 4.50 0.00	84.73 5.57 -2.79	104.50 7.92 -4.45	92.65 7.57 -4.58	82.40 7.14 -1.67	62.30 6.01 -1.65	51.76 4.43 -0.77	42.46 3.11 0.00	37.19 2.27 0.00
JARVIS____ 23743	30.87 0.19 0.00	29.30 0.18 0.00	27.47 0.19 0.00	26.72 0.19 0.00	26.06 0.18 0.00	27.33 0.22 0.00	28.70 0.23 0.00	30.02 0.18 0.00	31.87 0.22 0.00	34.97 0.24 0.00	37.40 0.30 0.00	38.53 0.30 0.00	43.26 0.34 0.00	47.08 0.42 0.00	49.78 0.49 0.00	66.79 0.65 -0.88	80.08 0.69 -3.02	99.19 0.83 -6.24	85.26 0.80 -3.95	74.18 0.59 0.00	56.00 0.55 -0.81	46.93 0.37 0.00	39.59 0.24 0.00	35.10 0.18 0.00
JENNISON___1 23625	32.65 1.96 0.00	31.05 1.92 0.00	28.84 1.56 0.00	27.96 1.43 0.00	27.46 1.58 0.00	28.85 1.74 0.00	30.38 1.91 0.00	31.72 1.88 0.00	33.48 1.84 0.00	36.67 1.94 0.00	39.29 2.19 0.00	40.79 2.56 0.00	45.92 3.00 0.00	50.20 3.55 0.00	53.67 4.39 0.00	71.06 5.81 0.00	84.89 6.80 -1.73	101.58 8.84 -0.61	91.71 8.05 -3.16	83.48 7.43 -2.45	63.24 6.17 -2.42	52.16 4.47 -1.13	42.58 3.23 0.00	37.40 2.48 0.00
JENNISON___2 23626	32.65 1.96 0.00	31.05 1.92 0.00	28.84 1.56 0.00	27.96 1.43 0.00	27.46 1.58 0.00	28.85 1.74 0.00	30.38 1.91 0.00	31.72 1.88 0.00	33.48 1.84 0.00	36.67 1.94 0.00	39.29 2.19 0.00	40.79 2.56 0.00	45.92 3.00 0.00	50.20 3.55 0.00	53.67 4.39 0.00	71.06 5.81 0.00	84.89 6.80 -1.73	101.58 8.84 -0.61	91.71 8.05 -3.16	83.48 7.43 -2.45	63.24 6.17 -2.42	52.16 4.47 -1.13	42.58 3.23 0.00	37.40 2.48 0.00

JERICO_RISE_WT_PWR 323719	30.26 -0.43 0.00	28.72 -0.41 0.00	26.76 -0.52 0.00	26.00 -0.53 0.00	25.29 -0.59 0.00	26.44 -0.68 0.00	27.70 -0.77 0.00	29.25 -0.60 0.00	31.30 -0.35 0.00	33.68 -1.04 0.00	35.95 -1.15 0.00	36.31 -1.91 0.00	40.08 -2.83 0.00	43.34 -3.31 0.00	45.25 -4.04 0.00	45.28 -5.09 14.89	51.40 -6.65 18.33	55.36 -7.46 29.30	59.35 -4.91 16.25	69.69 -3.90 0.00	48.00 -3.28 3.37	44.09 -2.47 0.00	37.54 -1.81 0.00	33.77 -1.15 0.00
KATONAH__115KV_46KV_TB4 355592	32.99 2.30 0.00	31.05 1.92 0.00	29.27 1.99 0.00	28.52 1.99 0.00	27.72 1.84 0.00	29.04 1.93 0.00	30.41 1.94 0.00	32.14 2.30 0.00	34.27 2.63 0.00	37.64 2.92 0.00	40.18 3.08 0.00	41.05 2.83 0.00	46.35 3.43 0.00	50.81 4.15 0.00	54.07 4.78 0.00	71.91 6.66 0.00	87.97 7.94 -3.66	100.88 8.75 0.00	94.51 7.65 -6.36	84.95 6.03 -5.32	64.34 4.43 -5.27	52.37 3.35 -2.46	42.10 2.75 0.00	37.65 2.72 0.00
KCE_NY_1 323755	32.62 1.93 0.00	30.99 1.87 0.00	29.14 1.86 0.00	28.31 1.78 0.00	27.61 1.73 0.00	28.96 1.84 0.00	30.41 1.94 0.00	31.78 1.94 0.00	33.73 2.09 0.00	37.01 2.29 0.00	39.44 2.34 0.00	40.67 2.45 0.00	45.67 2.75 0.00	50.20 3.54 0.00	53.33 4.04 0.00	70.54 5.28 0.00	94.09 6.34 -11.39	99.77 7.64 0.00	107.13 6.84 -19.79	96.53 6.33 -16.61	75.89 4.81 -16.44	58.15 3.91 -7.68	42.22 2.87 0.00	37.44 2.52 0.00
KCE_NY_6_ESR 323823	32.04 1.35 0.00	30.09 0.96 0.00	27.86 0.57 0.00	26.74 0.21 0.00	26.27 0.39 0.00	27.53 0.41 0.00	29.18 0.71 0.00	30.77 0.93 0.00	32.28 0.63 0.00	35.76 1.04 0.00	38.14 1.04 0.00	40.14 1.91 0.00	45.23 2.32 0.00	48.99 2.33 0.00	52.39 3.11 0.00	68.51 3.26 0.00	83.07 4.43 -2.27	101.17 5.43 -3.62	88.67 4.75 -3.42	78.91 4.49 -0.83	59.34 3.88 -0.82	49.18 2.23 -0.38	41.08 1.73 0.00	35.87 0.94 0.00
KEDC_PORT_JEFF_GT2 24210	34.78 3.35 -0.74	32.30 3.18 0.00	31.00 3.08 -0.64	29.58 3.05 0.00	28.65 2.77 0.00	30.24 3.09 -0.03	32.04 3.36 -0.22	33.15 3.31 0.00	35.19 3.54 0.00	38.64 3.92 0.00	40.22 3.12 0.00	41.32 3.09 0.00	47.16 3.18 -1.07	51.34 4.67 -0.02	55.99 4.73 -1.97	83.70 5.35 -13.09	114.07 6.42 -31.28	127.48 7.56 -27.80	130.15 6.28 -43.36	133.59 4.56 -55.43	62.94 3.11 -5.18	52.73 2.98 -3.19	44.34 3.07 -1.91	40.48 3.88 -1.68
KEDC_PORT_JEFF_GT3 24211	34.78 3.35 -0.74	32.30 3.18 0.00	31.00 3.08 -0.64	29.58 3.05 0.00	28.65 2.77 0.00	30.24 3.09 -0.03	32.04 3.36 -0.22	33.15 3.31 0.00	35.19 3.54 0.00	38.64 3.92 0.00	40.22 3.12 0.00	41.32 3.09 0.00	47.16 3.18 -1.07	51.34 4.67 -0.02	55.99 4.73 -1.97	83.70 5.35 -13.09	114.07 6.42 -31.28	127.48 7.56 -27.80	130.15 6.28 -43.36	133.59 4.56 -55.43	62.94 3.11 -5.18	52.73 2.98 -3.19	44.34 3.07 -1.91	40.48 3.88 -1.68
KEDC_GLWD_GT4 24219	34.04 2.61 -0.74	31.46 2.33 0.00	30.22 2.32 -0.63	28.84 2.31 0.00	27.97 2.10 0.00	29.44 2.30 -0.02	31.12 2.51 -0.15	32.62 2.78 0.00	34.72 3.07 0.00	38.16 3.44 0.00	40.03 2.93 0.00	41.21 2.98 0.00	46.27 3.35 0.00	51.09 4.43 0.00	54.17 4.88 0.00	71.46 6.20 0.00	87.30 7.33 -3.60	100.42 8.29 0.00	93.68 6.92 -6.25	84.05 5.23 -5.22	63.42 3.61 -5.17	51.96 2.98 -2.42	41.96 2.60 -0.01	39.49 2.90 -1.67
KEDC_GLWD_GT5 24220	34.04 2.61 -0.74	31.46 2.33 0.00	30.22 2.32 -0.63	28.84 2.31 0.00	27.97 2.10 0.00	29.44 2.30 -0.02	31.12 2.51 -0.15	32.62 2.78 0.00	34.72 3.07 0.00	38.16 3.44 0.00	40.03 2.93 0.00	41.21 2.98 0.00	46.27 3.35 0.00	51.09 4.43 0.00	54.17 4.88 0.00	71.46 6.20 0.00	87.30 7.33 -3.60	100.42 8.29 0.00	93.68 6.92 -6.25	84.05 5.23 -5.22	63.42 3.61 -5.17	51.96 2.98 -2.42	41.96 2.60 -0.01	39.49 2.90 -1.67
KENSICO____ 23655	32.87 2.18 0.00	30.88 1.75 0.00	29.11 1.83 0.00	28.39 1.86 0.00	27.56 1.68 0.00	28.91 1.79 0.00	30.41 1.94 0.00	31.96 2.12 0.00	34.08 2.44 0.00	37.43 2.71 0.00	39.92 2.82 0.00	40.94 2.71 0.00	46.01 3.09 0.00	50.34 3.69 0.00	53.38 4.09 0.00	71.13 5.87 0.00	86.83 6.87 -3.58	99.68 7.55 0.00	93.17 6.44 -6.23	83.81 5.00 -5.21	63.36 3.55 -5.16	51.62 2.65 -2.41	41.63 2.28 0.00	37.33 2.41 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.74 2.06 0.00	30.82 1.69 0.00	28.95 1.66 0.00	28.20 1.67 0.00	27.38 1.50 0.00	28.66 1.55 0.00	30.09 1.62 0.00	31.48 1.64 0.00	33.51 1.87 0.00	36.77 2.05 0.00	39.44 2.34 0.00	40.56 2.33 0.00	45.62 2.70 0.00	49.46 2.80 0.00	52.54 3.25 0.00	70.08 4.83 0.00	85.72 5.80 -3.55	98.76 6.63 0.00	92.38 5.72 -6.16	83.31 4.56 -5.16	63.03 3.28 -5.10	51.60 2.65 -2.38	41.59 2.24 0.00	37.16 2.24 0.00
KIAC_JFK_GT1 23816	33.30 2.61 0.00	31.05 1.92 0.00	29.30 2.02 0.00	28.58 2.04 0.00	27.72 1.84 0.00	29.15 2.03 0.00	30.75 2.28 0.00	32.41 2.57 0.00	34.68 3.04 0.00	38.12 3.40 0.00	40.29 3.19 0.00	41.28 3.06 0.00	46.31 3.39 0.00	50.76 4.11 0.00	53.77 4.48 0.00	72.04 6.79 0.00	88.14 8.17 -3.59	101.06 8.94 0.00	94.40 7.65 -6.25	84.64 5.81 -5.23	63.92 4.10 -5.17	51.91 2.93 -2.42	42.07 2.72 0.00	37.79 2.86 0.00
KIAC_JFK_GT2 23817	33.30 2.61 0.00	31.05 1.92 0.00	29.30 2.02 0.00	28.58 2.04 0.00	27.72 1.84 0.00	29.15 2.03 0.00	30.75 2.28 0.00	32.41 2.57 0.00	34.68 3.04 0.00	38.12 3.40 0.00	40.29 3.19 0.00	41.28 3.06 0.00	46.31 3.39 0.00	50.76 4.11 0.00	53.77 4.48 0.00	72.04 6.79 0.00	88.14 8.17 -3.59	101.06 8.94 0.00	94.40 7.65 -6.25	84.64 5.81 -5.23	63.92 4.10 -5.17	51.91 2.93 -2.42	42.07 2.72 0.00	37.79 2.86 0.00
KIAC_JFK____ 323774	33.08 2.40 0.00	31.14 2.01 0.00	29.30 2.02 0.00	28.63 2.10 0.00	27.74 1.86 0.00	29.15 2.03 0.00	30.78 2.31 0.00	32.50 2.65 0.00	34.68 3.04 0.00	38.13 3.40 0.00	40.22 3.12 0.00	41.24 3.02 0.00	46.27 3.35 0.00	50.90 4.25 0.00	53.92 4.63 0.00	71.98 6.72 0.00	88.14 8.18 -3.59	101.06 8.93 0.00	94.40 7.65 -6.25	84.63 5.81 -5.23	63.97 4.15 -5.17	51.91 2.94 -2.42	42.06 2.71 0.00	37.79 2.86 0.00
KINTIGH____ 23543	30.84 0.15 0.00	29.56 0.44 0.00	27.28 0.00 0.00	26.43 -0.11 0.00	25.83 -0.05 0.00	27.04 -0.08 0.00	28.70 0.23 0.00	30.32 0.48 0.00	31.49 -0.16 0.00	34.83 0.10 0.00	36.99 -0.11 0.00	38.76 0.54 0.00	43.60 0.69 0.00	47.22 0.56 0.00	50.57 1.28 0.00	66.10 0.85 0.00	80.25 1.68 -2.20	97.51 2.30 -3.08	85.64 2.01 -3.12	76.39 2.13 -0.66	57.54 2.24 -0.65	47.80 0.93 -0.30	40.02 0.67 0.00	35.03 0.10 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.69 0.00 0.00	29.13 0.00 0.00	27.09 -0.19 0.00	26.32 -0.21 0.00	25.59 -0.28 0.00	26.79 -0.33 0.00	28.04 -0.43 0.00	29.63 -0.21 0.00	31.74 0.09 0.00	33.82 -0.90 0.00	35.47 -1.63 0.00	36.31 -1.91 0.00	39.91 -3.00 0.00	43.20 -3.45 0.00	45.39 -3.89 0.00	45.00 -5.16 15.10	52.90 -6.87 16.60	58.65 -7.65 25.83	61.69 -4.91 13.91	69.84 -3.75 0.00	48.59 -3.17 2.88	44.05 -2.51 0.00	37.62 -1.73 0.00	34.26 -0.66 0.00

LACHUTE____HYDRO 323717	34.03 3.35 0.00	32.27 3.15 0.00	30.34 3.05 0.00	29.34 2.81 0.00	28.70 2.82 0.00	30.18 3.06 0.00	31.83 3.36 0.00	33.36 3.52 0.00	35.41 3.76 0.00	38.92 4.20 0.00	41.40 4.30 0.00	42.92 4.70 0.00	48.24 5.32 0.00	53.47 6.81 0.00	57.02 7.74 0.00	75.56 10.31 0.00	100.46 12.60 -11.48	107.78 15.66 0.00	114.64 14.17 -19.96	103.89 13.54 -16.75	81.50 10.27 -16.58	62.68 8.38 -7.74	45.05 5.70 0.00	39.43 4.51 0.00
LAWRNCAV_115KV_TB1 80681	29.64 -1.04 0.00	28.20 -0.93 0.00	26.33 -0.95 0.00	25.60 -0.93 0.00	25.00 -0.88 0.00	26.17 -0.95 0.00	27.36 -1.11 0.00	28.68 -1.16 0.00	30.57 -1.08 0.00	33.33 -1.39 0.00	35.65 -1.45 0.00	36.73 -1.49 0.00	41.11 -1.80 0.00	44.42 -2.24 0.00	46.53 -2.76 0.00	48.00 -4.50 12.75	34.02 -6.19 36.17	21.14 -7.09 63.89	34.62 -5.88 40.01	68.81 -4.78 0.00	42.96 -3.39 8.29	44.56 -2.00 0.00	37.82 -1.53 0.00	33.60 -1.33 0.00
LEDERLE____ 23769	32.71 2.03 0.00	30.76 1.63 0.00	28.97 1.69 0.00	28.26 1.72 0.00	27.46 1.58 0.00	28.77 1.65 0.00	30.24 1.77 0.00	31.78 1.94 0.00	33.86 2.22 0.00	37.12 2.40 0.00	39.66 2.56 0.00	40.75 2.52 0.00	45.75 2.83 0.00	50.11 3.45 0.00	53.13 3.84 0.00	70.80 5.55 0.00	86.28 6.49 -3.42	99.22 7.09 0.00	92.40 5.96 -5.94	83.20 4.64 -4.97	62.89 3.33 -4.92	51.33 2.47 -2.30	41.44 2.09 0.00	37.12 2.20 0.00
LIGHTHSE_115KV_TB6 355974	30.66 -0.03 0.00	29.13 0.00 0.00	27.12 -0.16 0.00	26.32 -0.21 0.00	25.78 -0.10 0.00	27.06 -0.05 0.00	28.47 0.00 0.00	29.75 -0.09 0.00	31.39 -0.25 0.00	34.44 -0.28 0.00	36.91 -0.19 0.00	38.26 0.04 0.00	43.05 0.13 0.00	46.84 0.19 0.00	49.58 0.30 0.00	64.32 0.20 1.13	86.97 0.23 -10.37	119.01 0.74 -26.15	96.88 0.89 -15.49	74.55 0.96 0.00	58.64 1.04 -2.96	47.31 0.74 0.00	39.94 0.59 0.00	35.10 0.17 0.00
LINDEN COGEN____ 23786	32.68 1.99 0.00	30.81 1.69 0.01	29.03 1.75 0.00	28.36 1.83 0.00	27.48 1.61 0.00	28.85 1.74 0.00	30.43 1.96 0.00	32.08 2.24 0.00	34.18 2.53 0.00	35.20 2.81 2.33	38.20 2.71 1.60	39.64 2.64 1.22	40.49 2.92 5.35	40.53 3.68 9.81	41.82 4.09 11.55	52.86 5.74 18.14	70.39 6.95 12.94	75.71 7.46 23.87	61.73 6.36 25.13	47.32 4.64 30.92	41.69 3.22 16.18	40.98 2.33 7.90	40.55 2.04 0.84	37.37 2.44 0.00
LINDHRST_69_KV_BK1 356055	34.93 3.50 -0.74	31.89 2.77 0.00	30.91 3.00 -0.63	29.34 2.81 0.00	28.54 2.67 0.00	30.09 2.96 -0.02	31.81 3.19 -0.15	33.24 3.40 0.00	35.41 3.77 0.00	38.92 4.20 0.00	41.29 4.19 0.00	42.28 4.05 -0.01	48.41 3.99 -1.50	51.88 5.23 0.00	54.80 5.47 -0.04	71.97 6.72 0.00	87.91 7.94 -3.60	101.52 9.40 0.00	95.63 7.89 -7.23	85.78 5.96 -6.23	63.97 4.15 -5.17	52.75 3.77 -2.42	44.03 3.46 -1.21	40.60 4.02 -1.67
LIPA_MISC_IPP 23656	34.87 3.44 -0.74	31.75 2.62 0.00	31.11 3.19 -0.63	29.56 3.02 0.00	28.75 2.87 0.00	30.34 3.20 -0.03	32.12 3.44 -0.20	32.98 3.13 0.00	35.00 3.35 0.00	38.40 3.68 0.00	40.74 3.64 0.00	41.67 3.44 0.00	47.17 3.18 -1.08	51.15 4.48 -0.01	55.37 4.83 -1.26	80.75 5.61 -9.89	107.51 6.64 -24.49	121.03 7.92 -20.99	125.45 7.00 -37.94	116.04 5.15 -37.29	63.43 3.61 -5.18	52.52 3.21 -2.74	44.39 2.95 -2.09	40.37 3.77 -1.67
LISF____SOLAR 323691	34.78 3.35 -0.74	32.45 3.32 0.00	31.16 3.24 -0.63	29.74 3.21 0.00	28.80 2.92 0.00	30.40 3.25 -0.03	32.20 3.53 -0.20	33.07 3.22 0.00	35.03 3.39 0.00	38.44 3.72 0.00	40.10 3.00 0.00	41.21 2.98 0.00	47.21 3.13 -1.17	51.33 4.67 -0.01	55.70 5.08 -1.34	82.42 5.67 -11.50	111.07 6.79 -27.90	124.73 8.20 -24.41	128.78 7.25 -41.02	118.34 5.37 -39.37	63.54 3.72 -5.18	52.81 3.31 -2.94	44.53 3.07 -2.11	40.44 3.84 -1.67
LITTLE FALLS____HYD 24013	30.63 -0.06 0.00	29.07 -0.06 0.00	27.23 -0.05 0.00	26.48 -0.05 0.00	25.85 -0.03 0.00	27.12 0.00 0.00	28.47 0.00 0.00	29.75 -0.09 0.00	31.61 -0.03 0.00	34.65 -0.07 0.00	37.29 0.19 0.00	38.45 0.23 0.00	43.22 0.30 0.00	47.03 0.37 0.00	49.53 0.25 0.00	66.33 0.20 -0.88	79.55 0.15 -3.02	98.55 0.18 -6.24	84.70 0.24 -3.95	73.74 0.15 0.00	55.78 0.33 -0.81	46.70 0.14 0.00	39.35 0.00 0.00	34.82 -0.10 0.00
LITTLRIV_115KV_TB1 356100	29.92 -0.77 0.00	28.46 -0.67 0.00	26.54 -0.74 0.00	25.82 -0.72 0.00	25.23 -0.65 0.00	26.44 -0.68 0.00	27.64 -0.83 0.00	28.92 -0.93 0.00	30.82 -0.82 0.00	33.61 -1.11 0.00	36.06 -1.04 0.00	37.15 -1.07 0.00	41.63 -1.29 0.00	44.98 -1.68 0.00	47.07 -2.22 0.00	49.00 -3.78 12.47	32.80 -5.42 38.15	17.55 -6.08 68.49	32.79 -4.83 42.88	69.77 -3.83 0.00	43.13 -2.62 8.89	45.16 -1.40 0.00	38.25 -1.10 0.00	33.94 -0.98 0.00
LI_NEWBRDGE____DRP 323616	34.13 2.70 -0.74	31.20 2.07 0.00	30.20 2.29 -0.62	28.71 2.18 0.00	27.90 2.02 0.00	29.41 2.28 -0.02	31.06 2.45 -0.15	32.47 2.63 0.00	34.62 2.97 0.00	38.02 3.30 0.00	40.25 3.15 0.00	41.21 2.98 0.00	45.88 2.96 0.00	50.62 3.97 0.00	53.52 4.24 0.00	70.47 5.22 0.00	86.08 6.11 -3.60	99.13 7.00 0.00	92.55 5.80 -6.25	82.94 4.12 -5.22	62.65 2.84 -5.17	51.49 2.51 -2.42	41.82 2.48 0.01	39.59 3.00 -1.67
LOCKPORT_115KV_TB60_63_64 80432	31.21 0.52 0.00	29.94 0.82 0.00	27.42 0.14 0.00	26.56 0.03 0.00	25.98 0.10 0.00	27.31 0.19 0.00	28.90 0.43 0.00	30.56 0.72 0.00	31.65 0.00 0.00	34.86 0.14 0.00	36.99 -0.11 0.00	38.91 0.69 0.00	43.82 0.90 0.00	47.40 0.75 0.00	50.91 1.63 0.00	66.23 0.98 0.00	80.59 1.99 -2.24	97.93 2.58 -3.22	85.99 2.25 -3.23	76.83 2.50 -0.73	57.88 2.51 -0.72	48.02 1.12 -0.34	40.29 0.94 0.00	35.17 0.24 0.00
LOCKPORT____CC1 323769	31.42 0.74 0.00	29.57 0.44 0.00	27.31 0.03 0.00	26.21 -0.32 0.00	25.78 -0.10 0.00	26.98 -0.13 0.00	28.58 0.11 0.00	30.11 0.27 0.00	31.49 -0.16 0.00	34.76 0.03 0.00	37.06 -0.04 0.00	38.95 0.72 0.00	43.86 0.94 0.00	47.40 0.74 0.00	50.66 1.38 0.00	66.17 0.91 0.00	80.29 1.68 -2.24	97.47 2.12 -3.22	85.67 1.93 -3.24	76.47 2.14 -0.74	57.67 2.29 -0.73	47.83 0.93 -0.34	40.29 0.94 0.00	35.20 0.28 0.00
LOCKPORT____CC2 323770	31.42 0.74 0.00	29.57 0.44 0.00	27.31 0.03 0.00	26.21 -0.32 0.00	25.78 -0.10 0.00	26.98 -0.13 0.00	28.58 0.11 0.00	30.11 0.27 0.00	31.49 -0.16 0.00	34.76 0.03 0.00	37.06 -0.04 0.00	38.95 0.72 0.00	43.86 0.94 0.00	47.40 0.74 0.00	50.66 1.38 0.00	66.17 0.91 0.00	80.29 1.68 -2.24	97.47 2.12 -3.22	85.67 1.93 -3.24	76.47 2.14 -0.74	57.67 2.29 -0.73	47.83 0.93 -0.34	40.29 0.94 0.00	35.20 0.28 0.00
LOCKPORT____CC3 323771	31.42 0.74 0.00	29.57 0.44 0.00	27.31 0.03 0.00	26.21 -0.32 0.00	25.78 -0.10 0.00	26.98 -0.13 0.00	28.58 0.11 0.00	30.11 0.27 0.00	31.49 -0.16 0.00	34.76 0.03 0.00	37.06 -0.04 0.00	38.95 0.72 0.00	43.86 0.94 0.00	47.40 0.74 0.00	50.66 1.38 0.00	66.17 0.91 0.00	80.29 1.68 -2.24	97.47 2.12 -3.22	85.67 1.93 -3.24	76.47 2.14 -0.74	57.67 2.29 -0.73	47.83 0.93 -0.34	40.29 0.94 0.00	35.20 0.28 0.00

LONG_LAKE_PHOENIX 24014	30.32 -0.37 0.00	28.84 -0.29 0.00	26.87 -0.41 0.00	26.08 -0.45 0.00	25.49 -0.39 0.00	26.74 -0.38 0.00	28.16 -0.31 0.00	29.57 -0.27 0.00	31.17 -0.47 0.00	34.27 -0.45 0.00	36.73 -0.37 0.00	38.03 -0.19 0.00	42.79 -0.13 0.00	46.61 -0.05 0.00	49.43 0.15 0.00	65.38 0.13 0.00	80.57 0.31 -3.89	104.94 0.64 -12.17	87.72 0.48 -6.73	74.04 0.44 0.00	56.20 0.60 -0.95	46.79 0.23 0.00	39.39 0.04 0.00	34.75 -0.17 0.00
LOVETT___3 23632	32.56 1.87 0.00	30.61 1.49 0.00	28.86 1.58 0.00	28.15 1.62 0.00	27.35 1.48 0.00	28.66 1.55 0.00	30.12 1.65 0.00	31.63 1.79 0.00	33.70 2.06 0.00	36.94 2.22 0.00	39.44 2.34 0.00	40.44 2.22 0.00	45.45 2.53 0.00	49.74 3.08 0.00	52.74 3.45 0.00	70.28 5.02 0.00	85.69 5.88 -3.44	98.48 6.36 0.00	91.79 5.31 -5.97	82.64 4.05 -5.00	62.49 2.90 -4.95	51.01 2.14 -2.31	41.16 1.81 0.00	36.91 1.99 0.00
LOVETT___4 23642	32.56 1.87 0.00	30.61 1.49 0.00	28.86 1.58 0.00	28.15 1.62 0.00	27.35 1.48 0.00	28.66 1.55 0.00	30.12 1.65 0.00	31.63 1.79 0.00	33.70 2.06 0.00	36.94 2.22 0.00	39.44 2.34 0.00	40.44 2.22 0.00	45.45 2.53 0.00	49.74 3.08 0.00	52.74 3.45 0.00	70.28 5.02 0.00	85.69 5.88 -3.44	98.48 6.36 0.00	91.79 5.31 -5.97	82.64 4.05 -5.00	62.49 2.90 -4.95	51.01 2.14 -2.31	41.16 1.81 0.00	36.91 1.99 0.00
LOVETT___5 23593	32.56 1.87 0.00	30.61 1.49 0.00	28.86 1.58 0.00	28.15 1.62 0.00	27.35 1.48 0.00	28.66 1.55 0.00	30.12 1.65 0.00	31.63 1.79 0.00	33.70 2.06 0.00	36.94 2.22 0.00	39.44 2.34 0.00	40.44 2.22 0.00	45.45 2.53 0.00	49.74 3.08 0.00	52.74 3.45 0.00	70.28 5.02 0.00	85.69 5.88 -3.44	98.48 6.36 0.00	91.79 5.31 -5.97	82.64 4.05 -5.00	62.49 2.90 -4.95	51.01 2.14 -2.31	41.16 1.81 0.00	36.91 1.99 0.00
LOWER RAQUET___HYD 24057	29.49 -1.20 0.00	28.08 -1.05 0.00	26.19 -1.09 0.00	25.50 -1.04 0.00	24.87 -1.01 0.00	26.06 -1.06 0.00	27.28 -1.19 0.00	28.56 -1.28 0.00	30.44 -1.20 0.00	33.19 -1.53 0.00	35.61 -1.49 0.00	36.54 -1.68 0.00	40.90 -2.02 0.00	43.86 -2.80 0.00	45.64 -3.65 0.00	48.29 -4.76 12.20	29.80 -6.57 40.00	11.85 -7.46 72.82	28.73 -6.20 45.58	68.59 -5.01 0.00	41.64 -3.55 9.45	44.61 -1.95 0.00	37.70 -1.65 0.00	33.42 -1.50 0.00
LOWER___HUDSON 24059	32.16 1.47 0.00	30.55 1.43 0.00	28.75 1.47 0.00	28.02 1.48 0.00	27.28 1.40 0.00	28.58 1.46 0.00	29.98 1.51 0.00	31.27 1.43 0.00	33.23 1.58 0.00	36.46 1.74 0.00	38.95 1.85 0.00	40.06 1.83 0.00	44.98 2.06 0.00	49.36 2.70 0.00	52.39 3.11 0.00	69.17 3.91 0.00	91.19 4.66 -10.16	97.46 5.34 0.00	102.91 4.75 -17.66	92.68 4.27 -14.82	72.54 3.22 -14.67	55.97 2.56 -6.85	41.40 2.04 0.00	36.84 1.92 0.00
LOWVILLE_115KV_TB2 356335	31.24 0.55 0.00	29.65 0.52 0.00	27.64 0.35 0.00	26.82 0.29 0.00	26.32 0.44 0.00	27.63 0.52 0.00	28.98 0.51 0.00	30.17 0.33 0.00	31.99 0.35 0.00	35.00 0.28 0.00	37.54 0.45 0.00	38.87 0.65 0.00	43.73 0.82 0.00	47.64 0.98 0.00	49.88 0.59 0.00	62.89 0.59 2.95	103.98 0.53 -27.07	154.91 1.29 -61.50	120.84 1.69 -38.64	75.36 1.77 0.00	64.36 1.80 -7.91	47.96 1.40 0.00	40.69 1.34 0.00	35.48 0.56 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.65 1.96 0.00	30.93 1.81 0.00	29.11 1.83 0.00	28.28 1.75 0.00	27.59 1.71 0.00	28.93 1.82 0.00	30.35 1.88 0.00	31.72 1.88 0.00	33.70 2.06 0.00	36.98 2.26 0.00	39.47 2.37 0.00	40.63 2.41 0.00	45.62 2.70 0.00	50.11 3.45 0.00	53.23 3.94 0.00	70.47 5.22 0.00	94.02 6.26 -11.39	99.59 7.46 0.00	107.05 6.76 -19.79	96.46 6.26 -16.61	75.78 4.70 -16.44	58.06 3.82 -7.68	42.18 2.83 0.00	37.40 2.48 0.00
LUTHERNY_35_KV_BK2 355980	32.65 1.96 0.00	30.96 1.84 0.00	29.14 1.86 0.00	28.28 1.75 0.00	27.61 1.73 0.00	28.93 1.82 0.00	30.38 1.91 0.00	31.75 1.91 0.00	33.74 2.09 0.00	37.01 2.29 0.00	39.51 2.41 0.00	40.67 2.45 0.00	45.66 2.75 0.00	50.16 3.50 0.00	53.23 3.94 0.00	70.54 5.29 0.00	94.10 6.34 -11.39	99.77 7.65 0.00	107.14 6.84 -19.79	96.53 6.33 -16.61	75.89 4.81 -16.44	58.10 3.86 -7.68	42.22 2.87 0.00	37.44 2.51 0.00
LWR___OSWEGATCHIE_HYD 23850	30.35 -0.34 0.00	28.84 -0.29 0.00	26.87 -0.41 0.00	26.11 -0.42 0.00	25.54 -0.34 0.00	26.82 -0.30 0.00	28.07 -0.40 0.00	29.30 -0.54 0.00	31.14 -0.51 0.00	33.99 -0.73 0.00	36.39 -0.70 0.00	37.61 -0.61 0.00	42.23 -0.69 0.00	45.82 -0.84 0.00	47.86 -1.43 0.00	54.83 -2.35 8.08	136.22 -3.36 -63.20	231.65 -3.50 -143.02	168.34 -2.50 -90.33	71.76 -1.84 0.00	72.23 -1.04 -18.62	46.10 -0.47 0.00	39.19 -0.16 0.00	34.47 -0.45 0.00
LYONS_FALL_HYD 23570	31.36 0.67 0.00	29.74 0.61 0.00	27.72 0.44 0.00	26.93 0.40 0.00	26.40 0.52 0.00	27.71 0.60 0.00	29.10 0.63 0.00	30.35 0.51 0.00	32.18 0.54 0.00	35.24 0.52 0.00	37.84 0.74 0.00	39.14 0.92 0.00	44.03 1.11 0.00	47.36 0.70 0.00	50.37 1.08 0.00	65.06 1.43 1.62	96.18 1.53 -18.28	135.85 2.39 -41.34	108.97 2.50 -25.96	75.95 2.35 0.00	62.14 2.19 -5.31	48.66 2.10 0.00	40.73 1.38 0.00	35.69 0.77 0.00
MADISON___COUNTY_LFGE 323628	31.58 0.89 0.00	29.97 0.84 0.00	27.94 0.65 0.00	27.12 0.58 0.00	26.55 0.67 0.00	27.88 0.76 0.00	29.32 0.85 0.00	30.68 0.84 0.00	32.50 0.85 0.00	35.66 0.94 0.00	38.25 1.15 0.00	39.60 1.38 0.00	44.59 1.67 0.00	48.62 1.96 0.00	51.60 2.32 0.00	68.32 3.07 0.00	86.03 3.59 -6.07	110.58 4.70 -13.76	93.28 4.27 -8.51	77.50 3.90 0.00	59.60 3.28 -1.68	48.98 2.42 0.00	41.12 1.77 0.00	36.14 1.22 0.00
MALONE___115KV_TB1 356076	30.35 -0.34 0.00	28.81 -0.32 0.00	26.85 -0.44 0.00	26.08 -0.45 0.00	25.39 -0.49 0.00	26.58 -0.54 0.00	27.82 -0.65 0.00	29.33 -0.51 0.00	31.39 -0.25 0.00	33.89 -0.83 0.00	35.88 -1.22 0.00	36.81 -1.41 0.00	40.81 -2.10 0.00	44.09 -2.57 0.00	46.23 -3.06 0.00	46.80 -4.24 14.21	46.72 -5.88 23.77	45.35 -6.54 40.23	52.62 -4.27 23.61	70.36 -3.24 0.00	47.13 -2.62 4.90	44.65 -1.91 0.00	37.93 -1.42 0.00	33.98 -0.94 0.00
MAPLEWOD_115KV_TB3 80458	32.16 1.47 0.00	30.47 1.34 0.00	28.73 1.45 0.00	27.91 1.38 0.00	27.20 1.32 0.00	28.50 1.38 0.00	29.89 1.42 0.00	31.21 1.37 0.00	33.20 1.55 0.00	36.42 1.70 0.00	38.99 1.89 0.00	40.02 1.80 0.00	44.93 2.02 0.00	49.32 2.66 0.00	52.29 3.01 0.00	69.23 3.98 0.00	90.32 4.81 -9.14	97.74 5.62 0.00	101.30 4.91 -15.88	91.34 4.42 -13.33	71.12 3.28 -13.19	55.42 2.70 -6.16	41.40 2.05 0.00	36.77 1.85 0.00
MAPLE RIDGE_WT_1 323574	30.32 -0.37 0.00	28.72 -0.41 0.00	26.87 -0.41 0.00	26.13 -0.40 0.00	25.52 -0.36 0.00	26.79 -0.32 0.00	28.16 -0.31 0.00	29.57 -0.27 0.00	31.49 -0.16 0.00	34.62 -0.10 0.00	36.95 -0.15 0.00	37.96 -0.27 0.00	42.49 -0.43 0.00	46.10 -0.56 0.00	48.70 -0.59 0.00	66.47 -0.78 -2.00	74.26 -1.68 0.43	85.68 -1.75 4.69	76.16 -1.37 2.97	72.42 -1.18 0.00	53.04 -0.98 0.62	45.72 -0.84 0.00	38.56 -0.79 0.00	34.15 -0.77 0.00

MAPLE_RIDGE_WT_2 323611	30.32 -0.37 0.00	28.72 -0.41 0.00	26.87 -0.41 0.00	26.13 -0.40 0.00	25.52 -0.36 0.00	26.79 -0.32 0.00	28.16 -0.31 0.00	29.57 -0.27 0.00	31.49 -0.16 0.00	34.62 -0.10 0.00	36.95 -0.15 0.00	37.96 -0.27 0.00	42.49 -0.43 0.00	46.10 -0.56 0.00	48.70 -0.59 0.00	66.47 -0.78 -2.00	74.26 -1.68 0.43	85.68 -1.75 4.69	76.16 -1.37 2.97	72.42 -1.18 0.00	53.04 -0.98 0.62	45.72 -0.84 0.00	38.56 -0.79 0.00	34.15 -0.77 0.00
MARBLE_RIVER_WT_PWR 323696	30.35 -0.34 0.00	28.81 -0.32 0.00	26.82 -0.46 0.00	26.06 -0.48 0.00	25.33 -0.54 0.00	26.52 -0.60 0.00	27.79 -0.68 0.00	29.33 -0.51 0.00	31.39 -0.25 0.00	33.68 -1.04 0.00	35.95 -1.15 0.00	36.28 -1.95 0.00	40.00 -2.92 0.00	43.25 -3.40 0.00	45.20 -4.09 0.00	44.92 -5.16 15.17	53.66 -6.72 16.00	59.95 -7.55 24.62	62.42 -4.99 13.09	69.55 -4.05 0.00	48.59 -3.34 2.71	44.00 -2.56 0.00	37.50 -1.85 0.00	33.88 -1.05 0.00
MARSHVLE_115KV_TB1 80742	33.70 3.01 0.00	31.98 2.85 0.00	29.96 2.67 0.00	29.05 2.52 0.00	28.44 2.56 0.00	29.86 2.74 0.00	31.49 3.02 0.00	32.89 3.04 0.00	34.78 3.13 0.00	38.05 3.33 0.00	40.59 3.49 0.00	41.89 3.67 0.00	47.17 4.25 0.00	51.79 5.13 0.00	55.25 5.96 0.00	73.08 7.83 0.00	95.91 9.47 -10.06	104.19 12.07 0.00	108.78 10.79 -17.49	98.49 10.23 -14.67	77.25 8.09 -14.52	59.63 6.29 -6.78	43.88 4.53 0.00	38.62 3.70 0.00
MARSH_HILL_WT_PWR 323713	32.34 1.66 0.00	30.47 1.34 0.00	28.21 0.93 0.00	27.14 0.61 0.00	26.65 0.78 0.00	27.96 0.84 0.00	29.61 1.14 0.00	31.27 1.43 0.00	32.85 1.20 0.00	36.29 1.56 0.00	38.77 1.67 0.00	40.52 2.29 0.00	45.67 2.75 0.00	49.64 2.99 0.00	52.93 3.65 0.00	69.56 4.31 0.00	84.18 5.42 -2.39	102.79 7.09 -3.57	90.43 6.28 -3.64	80.31 5.67 -1.05	60.49 4.81 -1.04	50.17 3.12 -0.48	41.63 2.28 0.00	36.42 1.50 0.00
MCINTYRE_115KV_TB2 80467	30.23 -0.46 0.00	28.75 -0.38 0.00	26.82 -0.46 0.00	26.08 -0.45 0.00	25.49 -0.39 0.00	26.71 -0.41 0.00	27.93 -0.54 0.00	29.19 -0.66 0.00	31.11 -0.54 0.00	33.92 -0.80 0.00	36.32 -0.78 0.00	37.42 -0.80 0.00	41.97 -0.94 0.00	45.30 -1.35 0.00	47.51 -1.77 0.00	49.23 -3.13 12.90	36.56 -4.66 35.16	25.43 -5.16 61.54	37.86 -4.11 38.54	70.50 -3.09 0.00	44.58 -2.08 7.99	45.68 -0.88 0.00	38.68 -0.67 0.00	34.33 -0.59 0.00
MECO____69_KV_BK1 80468	34.19 3.50 0.00	32.42 3.29 0.00	30.36 3.08 0.00	29.40 2.87 0.00	28.78 2.90 0.00	30.24 3.12 0.00	31.94 3.47 0.00	33.36 3.52 0.00	35.25 3.61 0.00	38.47 3.75 0.00	41.63 4.53 0.00	42.93 4.70 0.00	48.37 5.45 0.00	53.42 6.77 0.00	56.04 6.75 0.00	74.19 8.94 0.00	98.05 10.92 -10.76	106.50 14.37 0.00	112.24 13.04 -18.69	101.64 12.36 -15.68	79.73 9.56 -15.53	61.31 7.50 -7.25	44.58 5.23 0.00	39.15 4.23 0.00
MENANDS__115KV_TB5 355628	31.89 1.20 0.00	30.21 1.08 0.00	28.48 1.20 0.00	27.70 1.17 0.00	26.99 1.11 0.00	28.28 1.17 0.00	29.64 1.17 0.00	30.92 1.07 0.00	32.88 1.23 0.00	36.11 1.39 0.00	38.62 1.52 0.00	39.56 1.34 0.00	44.42 1.50 0.00	48.66 2.01 0.00	51.65 2.37 0.00	68.32 3.07 0.00	88.61 3.59 -8.65	96.18 4.05 0.00	99.08 3.54 -15.03	89.30 3.09 -12.61	69.42 2.30 -12.48	54.30 1.91 -5.83	40.88 1.53 0.00	36.39 1.47 0.00
MG INDUSTRY__DRP 24185	31.98 1.29 0.00	30.35 1.22 0.00	28.56 1.28 0.00	27.78 1.25 0.00	27.07 1.19 0.00	28.37 1.25 0.00	29.72 1.25 0.00	30.98 1.13 0.00	32.91 1.27 0.00	36.11 1.39 0.00	38.58 1.48 0.00	39.41 1.18 0.00	44.20 1.29 0.00	48.48 1.82 0.00	51.40 2.12 0.00	67.93 2.68 0.00	86.13 3.13 -6.62	95.62 3.50 0.00	95.08 3.06 -11.51	86.19 2.94 -9.65	66.44 2.24 -9.56	53.07 2.05 -4.46	40.96 1.61 0.00	36.42 1.50 0.00
MID__OSWEGATCHIE_HYD 23849	30.35 -0.34 0.00	28.84 -0.29 0.00	26.87 -0.41 0.00	26.11 -0.42 0.00	25.54 -0.34 0.00	26.82 -0.30 0.00	28.07 -0.40 0.00	29.30 -0.54 0.00	31.14 -0.51 0.00	33.99 -0.73 0.00	36.39 -0.70 0.00	37.61 -0.61 0.00	42.23 -0.69 0.00	45.82 -0.84 0.00	47.86 -1.43 0.00	54.83 -2.35 8.08	136.22 -3.36 -63.20	231.65 -3.50 -143.02	168.34 -2.50 -90.33	71.76 -1.84 0.00	72.23 -1.04 -18.62	46.10 -0.47 0.00	39.19 -0.16 0.00	34.47 -0.45 0.00
MID__RAQUETTE_HYD 23851	29.52 -1.17 0.00	28.08 -1.05 0.00	26.19 -1.09 0.00	25.50 -1.03 0.00	24.87 -1.01 0.00	26.06 -1.06 0.00	27.25 -1.22 0.00	28.56 -1.28 0.00	30.44 -1.20 0.00	33.19 -1.53 0.00	35.50 -1.60 0.00	36.54 -1.68 0.00	40.90 -2.02 0.00	44.23 -2.43 0.00	46.28 -3.01 0.00	48.29 -4.76 12.20	29.80 -6.57 40.00	11.84 -7.46 72.82	28.80 -6.12 45.58	68.59 -5.00 0.00	41.64 -3.55 9.45	44.42 -2.14 0.00	37.70 -1.65 0.00	33.46 -1.47 0.00
MILLIKEN__1 23584	31.49 0.80 0.00	29.97 0.84 0.00	27.85 0.57 0.00	27.04 0.50 0.00	26.45 0.57 0.00	27.77 0.65 0.00	29.24 0.77 0.00	30.83 0.98 0.00	32.44 0.79 0.00	35.59 0.87 0.00	38.10 1.00 0.00	39.52 1.30 0.00	44.46 1.55 0.00	48.52 1.87 0.00	51.60 2.32 0.00	68.26 3.00 0.00	82.86 3.74 -2.74	102.93 5.16 -5.65	89.58 4.59 -4.48	78.85 4.19 -1.06	59.73 3.55 -1.54	49.61 2.56 -0.49	41.16 1.81 0.00	36.21 1.29 0.00
MILLIKEN__2 23585	31.49 0.80 0.00	29.97 0.84 0.00	27.85 0.57 0.00	27.04 0.50 0.00	26.45 0.57 0.00	27.77 0.65 0.00	29.24 0.77 0.00	30.83 0.98 0.00	32.44 0.79 0.00	35.59 0.87 0.00	38.10 1.00 0.00	39.52 1.30 0.00	44.46 1.55 0.00	48.52 1.87 0.00	51.60 2.32 0.00	68.26 3.00 0.00	82.86 3.74 -2.74	102.93 5.16 -5.65	89.58 4.59 -4.48	78.85 4.19 -1.06	59.73 3.55 -1.54	49.61 2.56 -0.49	41.16 1.81 0.00	36.21 1.29 0.00
MILLIKEN__DIESEL 23629	31.49 0.80 0.00	29.97 0.84 0.00	27.85 0.57 0.00	27.04 0.50 0.00	26.45 0.57 0.00	27.77 0.65 0.00	29.24 0.77 0.00	30.83 0.98 0.00	32.44 0.79 0.00	35.59 0.87 0.00	38.10 1.00 0.00	39.52 1.30 0.00	44.46 1.55 0.00	48.52 1.87 0.00	51.60 2.32 0.00	68.26 3.00 0.00	82.86 3.74 -2.74	102.93 5.16 -5.65	89.58 4.59 -4.48	78.85 4.19 -1.06	59.73 3.55 -1.54	49.61 2.56 -0.49	41.16 1.81 0.00	36.21 1.29 0.00
MILLSEAT__LFGE 323607	31.95 1.26 0.00	30.06 0.93 0.00	27.80 0.52 0.00	26.64 0.11 0.00	26.21 0.34 0.00	27.47 0.35 0.00	29.13 0.66 0.00	30.71 0.87 0.00	32.09 0.44 0.00	35.45 0.73 0.00	37.88 0.78 0.00	39.87 1.64 0.00	44.89 1.98 0.00	48.57 1.91 0.00	51.90 2.61 0.00	67.93 2.68 0.00	82.65 4.04 -2.23	100.60 5.25 -3.23	88.31 4.59 -3.21	79.01 4.71 -0.70	59.38 4.04 -0.70	49.26 2.37 -0.32	41.24 1.89 0.00	36.01 1.08 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.78 2.09 0.00	30.79 1.66 0.00	29.05 1.77 0.00	28.31 1.78 0.00	27.51 1.63 0.00	28.85 1.74 0.00	30.32 1.85 0.00	31.87 2.03 0.00	33.99 2.34 0.00	37.29 2.57 0.00	39.77 2.67 0.00	40.79 2.56 0.00	45.84 2.92 0.00	50.20 3.55 0.00	53.23 3.94 0.00	70.87 5.61 0.00	86.58 6.64 -3.57	99.31 7.19 0.00	92.90 6.20 -6.20	83.57 4.78 -5.19	63.22 3.44 -5.13	51.52 2.56 -2.40	41.55 2.20 0.00	37.26 2.34 0.00

MILLWOOD_13_KV_LOAD 356217	32.90 2.21 0.00	30.90 1.78 0.00	29.14 1.86 0.00	28.42 1.88 0.00	27.59 1.71 0.00	28.93 1.82 0.00	30.38 1.91 0.00	31.99 2.15 0.00	34.15 2.50 0.00	37.46 2.74 0.00	39.96 2.86 0.00	40.90 2.68 0.00	46.09 3.18 0.00	50.48 3.83 0.00	53.57 4.29 0.00	71.32 6.07 0.00	87.12 7.18 -3.57	100.05 7.92 0.00	93.46 6.76 -6.20	84.08 5.30 -5.19	63.66 3.88 -5.13	51.85 2.89 -2.40	41.75 2.40 0.00	37.44 2.51 0.00
MODEL_CITY_ENERGY 24167	31.18 0.49 0.00	29.39 0.26 0.00	27.09 -0.19 0.00	26.00 -0.53 0.00	25.57 -0.31 0.00	26.79 -0.32 0.00	28.36 -0.11 0.00	29.84 0.00 0.00	31.23 -0.41 0.00	34.51 -0.21 0.00	36.80 -0.30 0.00	38.69 0.46 0.00	43.52 0.60 0.00	47.03 0.37 0.00	50.27 0.99 0.00	65.71 0.46 0.00	79.76 1.15 -2.24	96.72 1.38 -3.22	85.03 1.28 -3.24	75.96 1.62 -0.74	57.29 1.91 -0.74	47.51 0.60 -0.34	39.86 0.51 0.00	34.85 -0.07 0.00
MODERN_LFGE_ 323580	31.18 0.49 0.00	29.39 0.26 0.00	27.09 -0.19 0.00	26.00 -0.53 0.00	25.57 -0.31 0.00	26.79 -0.32 0.00	28.36 -0.11 0.00	29.84 0.00 0.00	31.23 -0.41 0.00	34.51 -0.21 0.00	36.80 -0.30 0.00	38.69 0.46 0.00	43.52 0.60 0.00	47.03 0.37 0.00	50.27 0.99 0.00	65.71 0.46 0.00	79.76 1.15 -2.24	96.72 1.38 -3.22	85.03 1.28 -3.24	75.96 1.62 -0.74	57.29 1.91 -0.74	47.51 0.60 -0.34	39.86 0.51 0.00	34.85 -0.07 0.00
MOHAWK_PAPER___DRP 24187	32.16 1.47 0.00	30.47 1.34 0.00	28.73 1.45 0.00	27.91 1.38 0.00	27.20 1.32 0.00	28.50 1.38 0.00	29.89 1.42 0.00	31.21 1.37 0.00	33.20 1.55 0.00	36.42 1.70 0.00	38.99 1.89 0.00	40.02 1.80 0.00	44.93 2.02 0.00	49.32 2.66 0.00	52.29 3.01 0.00	69.23 3.98 0.00	90.32 4.81 -9.14	97.74 5.62 0.00	101.30 4.91 -15.88	91.34 4.42 -13.33	71.12 3.28 -13.19	55.42 2.70 -6.16	41.40 2.05 0.00	36.77 1.85 0.00
MOHICAN___35_KV_115KV_LD 80490	32.65 1.96 0.00	30.96 1.84 0.00	29.14 1.86 0.00	28.26 1.72 0.00	27.61 1.73 0.00	28.96 1.84 0.00	30.43 1.96 0.00	31.84 2.00 0.00	33.83 2.18 0.00	37.15 2.43 0.00	39.44 2.34 0.00	40.67 2.45 0.00	45.66 2.75 0.00	50.20 3.55 0.00	53.38 4.09 0.00	70.73 5.48 0.00	94.54 6.72 -11.44	100.32 8.20 0.00	108.04 7.65 -19.89	97.50 7.21 -16.69	76.69 5.52 -16.52	58.84 4.56 -7.72	42.54 3.19 0.00	37.58 2.65 0.00
MONGAUP___HYD 23641	32.34 1.66 0.00	30.64 1.51 0.00	28.73 1.44 0.00	28.04 1.51 0.00	27.20 1.32 0.00	28.47 1.36 0.00	29.95 1.48 0.00	31.33 1.49 0.00	33.26 1.61 0.00	36.49 1.77 0.00	38.95 1.85 0.00	40.06 1.83 0.00	45.02 2.10 0.00	49.31 2.66 0.00	52.04 2.76 0.00	68.51 3.26 0.00	83.68 4.12 -3.19	97.00 4.88 0.00	90.23 4.18 -5.54	81.69 3.46 -4.64	61.75 2.51 -4.59	51.22 2.51 -2.14	41.43 2.08 0.00	36.88 1.95 0.00
MONTAUK___DIESEL 23721	36.52 5.09 -0.74	33.26 4.14 0.00	32.61 4.69 -0.63	30.96 4.43 0.00	30.10 4.22 0.00	31.81 4.66 -0.03	33.68 5.01 -0.20	34.62 4.77 0.00	36.36 4.72 0.00	40.03 5.31 0.00	42.70 5.60 0.00	43.89 5.66 0.00	49.82 5.79 -1.11	54.27 7.60 -0.01	58.66 8.08 -1.29	85.54 9.92 -10.37	113.58 11.68 -25.52	128.42 14.28 -22.02	133.05 13.69 -38.86	122.64 10.97 -38.08	67.53 7.70 -5.18	55.88 6.57 -2.76	47.03 5.59 -2.09	42.53 5.94 -1.68
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.41 1.72 0.00	31.02 1.89 0.00	28.45 1.17 0.00	27.49 0.96 0.00	26.89 1.01 0.00	28.18 1.06 0.00	30.01 1.54 0.00	31.96 2.12 0.00	33.20 1.55 0.00	36.98 2.26 0.00	39.47 2.37 0.00	41.44 3.21 0.00	46.78 3.86 0.00	50.72 4.06 0.00	54.41 5.13 0.00	70.93 5.68 0.00	86.06 7.41 -2.28	104.55 8.84 -3.59	91.36 7.41 -3.45	81.09 6.62 -0.87	60.59 5.08 -0.86	50.18 3.21 -0.40	41.71 2.36 0.00	36.14 1.22 0.00
MORTIMER_115KV_TB3 55949	31.18 0.49 0.00	29.83 0.70 0.00	27.58 0.30 0.00	26.69 0.16 0.00	26.11 0.23 0.00	27.36 0.24 0.00	29.01 0.54 0.00	30.74 0.90 0.00	32.03 0.38 0.00	35.42 0.69 0.00	37.73 0.63 0.00	39.41 1.18 0.00	44.38 1.46 0.00	48.29 1.63 0.00	51.55 2.27 0.00	67.67 2.41 0.00	82.24 3.67 -2.21	100.35 4.97 -3.25	87.82 4.19 -3.13	78.30 4.12 -0.58	58.71 3.50 -0.57	48.92 2.10 -0.27	40.88 1.53 0.00	35.80 0.87 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.11 2.42 0.00	31.02 1.89 0.00	29.25 1.96 0.00	28.55 2.02 0.00	27.69 1.81 0.00	29.07 1.95 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.37 2.72 0.00	37.78 3.06 0.00	40.18 3.08 0.00	41.21 2.98 0.00	46.22 3.30 0.00	50.62 3.97 0.00	53.57 4.29 0.00	71.52 6.26 0.00	87.45 7.48 -3.59	100.23 8.11 0.00	93.67 6.92 -6.25	84.12 5.30 -5.23	63.59 3.77 -5.17	51.77 2.79 -2.42	41.79 2.44 0.00	37.61 2.69 0.00
MUNSVILLE_WIND_PWR 323609	33.48 2.79 0.00	31.69 2.56 0.00	29.35 2.07 0.00	28.39 1.86 0.00	28.00 2.12 0.00	29.45 2.33 0.00	31.00 2.53 0.00	32.29 2.45 0.00	34.05 2.40 0.00	37.19 2.47 0.00	39.92 2.82 0.00	41.51 3.29 0.00	46.78 3.86 0.00	51.04 4.38 0.00	55.00 5.71 0.00	72.95 7.70 0.00	86.85 9.01 -1.46	104.95 12.07 -0.76	94.44 11.19 -2.75	86.10 10.45 -2.06	65.37 8.69 -2.04	53.89 6.38 -0.95	43.80 4.45 0.00	38.24 3.32 0.00
N SALMON___HYD 24042	30.32 -0.37 0.00	28.81 -0.32 0.00	26.84 -0.44 0.00	26.08 -0.45 0.00	25.39 -0.49 0.00	26.58 -0.54 0.00	27.82 -0.65 0.00	29.33 -0.51 0.00	31.39 -0.25 0.00	33.89 -0.83 0.00	36.25 -0.85 0.00	36.81 -1.41 0.00	40.77 -2.14 0.00	43.95 -2.71 0.00	45.93 -3.35 0.00	46.80 -4.24 14.21	46.72 -5.88 23.77	45.35 -6.54 40.23	52.54 -4.35 23.61	70.36 -3.24 0.00	47.13 -2.62 4.90	44.70 -1.86 0.00	37.94 -1.41 0.00	33.98 -0.94 0.00
N.AKRON___115KV_KNAPP 355671	31.67 0.98 0.00	30.38 1.25 0.00	27.85 0.57 0.00	26.93 0.40 0.00	26.35 0.47 0.00	27.71 0.60 0.00	29.35 0.88 0.00	31.10 1.25 0.00	32.18 0.54 0.00	35.49 0.76 0.00	37.77 0.67 0.00	39.72 1.49 0.00	44.72 1.80 0.00	48.48 1.82 0.00	51.95 2.66 0.00	67.73 2.48 0.00	82.58 3.97 -2.23	100.51 5.16 -3.23	88.23 4.51 -3.22	78.94 4.64 -0.71	59.33 3.99 -0.70	49.22 2.33 -0.33	41.16 1.81 0.00	35.90 0.98 0.00
N.BELMOR_69_KV_BK1 55787	34.47 3.04 -0.74	31.52 2.39 0.00	30.47 2.56 -0.62	28.97 2.44 0.00	28.16 2.28 0.00	29.68 2.55 -0.02	31.35 2.73 -0.15	32.80 2.95 0.00	35.00 3.35 0.00	38.44 3.72 0.00	40.74 3.64 0.00	41.78 3.55 0.00	46.61 3.69 0.00	51.32 4.67 0.00	54.31 5.03 0.00	71.39 6.13 0.00	87.22 7.26 -3.60	100.51 8.38 0.00	93.68 6.92 -6.25	83.97 5.15 -5.22	63.42 3.61 -5.17	52.19 3.21 -2.42	42.39 3.03 -0.01	40.08 3.49 -1.67
N.E._GEN_SANDY PD 24062	32.19 1.50 0.00	30.55 1.43 0.00	28.78 1.50 0.00	28.10 1.57 0.00	27.33 1.45 0.00	28.64 1.52 0.00	30.03 1.56 0.00	31.33 1.49 0.00	33.29 1.64 0.00	36.53 1.80 0.00	39.03 1.93 0.00	40.10 1.87 0.00	45.06 2.14 0.00	49.41 2.75 0.00	52.44 3.16 0.00	69.23 3.98 0.00	86.26 4.66 -5.23	97.28 5.16 0.00	94.10 4.51 -9.09	84.89 3.68 -7.62	64.91 2.73 -7.54	52.22 2.14 -3.52	41.20 1.85 0.00	37.00 1.92 -0.16

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.62 1.93 0.00	30.64 1.51 0.00	28.89 1.61 0.00	28.18 1.64 0.00	27.38 1.50 0.00	28.69 1.57 0.00	30.15 1.68 0.00	31.66 1.82 0.00	33.74 2.09 0.00	37.01 2.29 0.00	39.51 2.41 0.00	40.56 2.33 0.00	45.58 2.66 0.00	49.88 3.22 0.00	52.88 3.60 0.00	70.47 5.22 0.00	85.91 6.11 -3.43	98.76 6.63 0.00	92.02 5.55 -5.96	82.85 4.27 -4.98	62.64 3.06 -4.93	51.15 2.28 -2.30	41.28 1.93 0.00	36.98 2.06 0.00
N.QUEENS_27_KV_LOAD 356247	33.43 2.73 -0.01	31.25 2.13 0.00	29.53 2.24 -0.01	28.84 2.31 0.00	27.90 2.02 0.00	29.18 2.06 0.00	30.66 2.19 0.00	32.23 2.39 0.00	34.43 2.78 0.00	37.87 3.16 0.01	40.25 3.15 0.00	41.21 2.98 0.00	46.05 3.13 0.00	50.34 3.69 0.00	53.23 3.94 0.00	71.19 5.94 0.00	87.22 7.26 -3.59	99.67 7.55 0.01	93.27 6.52 -6.25	83.82 5.00 -5.22	63.80 3.99 -5.17	51.34 2.37 -2.41	41.55 2.20 0.00	37.93 3.00 -0.01
N.TROY___115KV_TB1 355778	32.22 1.53 0.00	30.53 1.40 0.00	28.75 1.47 0.00	27.99 1.46 0.00	27.28 1.40 0.00	28.58 1.46 0.00	29.95 1.48 0.00	31.24 1.40 0.00	33.23 1.58 0.00	36.46 1.74 0.00	39.03 1.93 0.00	40.10 1.87 0.00	45.02 2.10 0.00	49.32 2.66 0.00	52.29 3.01 0.00	69.17 3.92 0.00	91.19 4.66 -10.16	97.47 5.34 0.00	102.91 4.75 -17.66	92.68 4.27 -14.82	72.54 3.22 -14.67	55.97 2.56 -6.85	41.40 2.05 0.00	36.84 1.92 0.00
NARROWS_GT1_1 24228	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NARROWS_GT1_2 24229	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NARROWS_GT1_3 24230	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NARROWS_GT1_4 24231	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NARROWS_GT1_5 24232	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NARROWS_GT1_6 24233	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NARROWS_GT1_7 24234	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NARROWS_GT1_8 24235	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NARROWS_GT2_1 24236	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NARROWS_GT2_2 24237	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NARROWS_GT2_3 24238	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NARROWS_GT2_4 24239	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00

NARROWS_GT2_5 24240	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NARROWS_GT2_6 24241	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NARROWS_GT2_7 24242	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NARROWS_GT2_8 24243	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.44 1.75 0.00	30.76 1.63 0.00	28.95 1.66 0.00	28.12 1.59 0.00	27.35 1.48 0.00	28.64 1.52 0.00	30.04 1.57 0.00	31.18 1.34 0.00	33.10 1.46 0.00	36.28 1.56 0.00	38.73 1.63 0.00	39.45 1.22 0.00	44.25 1.33 0.00	48.76 2.10 0.00	51.90 2.61 0.00	68.65 3.39 -6.25	86.59 3.97 -2.00	97.19 5.07 0.00	95.86 4.51 -10.85	87.18 4.49 -9.10	66.98 3.33 -9.01	53.75 2.98 -4.21	41.75 2.40 0.00	36.95 2.03 0.00
NCHELSEA_115KV_TR2 355582	32.93 2.24 0.00	31.02 1.89 0.00	29.19 1.91 0.00	28.44 1.91 0.00	27.59 1.71 0.00	28.88 1.76 0.00	30.32 1.85 0.00	31.78 1.94 0.00	33.86 2.22 0.00	37.19 2.47 0.00	39.81 2.71 0.00	40.86 2.64 0.00	45.96 3.05 0.00	50.34 3.69 0.00	53.47 4.19 0.00	71.19 5.94 0.00	87.03 7.03 -3.63	100.05 6.76 0.00	93.58 6.76 -6.31	84.40 5.52 -5.28	63.86 3.99 -5.23	52.03 3.03 -2.44	41.87 2.52 0.00	37.44 2.51 0.00
NEG CAPITAL___MECHNVIL 23645	32.59 1.90 0.00	30.96 1.84 0.00	29.11 1.83 0.00	28.28 1.75 0.00	27.59 1.71 0.00	28.94 1.82 0.00	30.38 1.91 0.00	31.75 1.91 0.00	33.70 2.06 0.00	36.98 2.26 0.00	39.48 2.38 0.00	40.71 2.48 0.00	45.70 2.79 0.00	50.25 3.59 0.00	53.37 4.09 0.00	70.61 5.35 -11.07	93.93 6.49 0.00	99.86 7.74 0.00	106.67 6.92 -19.24	96.07 6.33 -16.14	75.38 4.75 -15.98	57.84 3.82 -7.46	42.19 2.83 0.00	37.40 2.48 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.81 0.12 0.00	29.04 -0.09 0.00	27.01 -0.27 0.00	26.03 -0.50 0.00	25.54 -0.34 0.00	26.79 -0.32 0.00	28.33 -0.14 0.00	29.90 0.06 0.00	31.43 -0.22 0.00	34.72 0.00 0.00	37.14 0.04 0.00	38.76 0.53 0.00	43.60 0.68 0.00	47.50 0.84 0.00	50.62 1.33 0.00	66.69 1.43 0.00	80.97 2.22 -2.38	99.70 3.31 -4.27	86.68 2.65 -3.53	76.73 2.57 -0.56	57.90 2.24 -1.01	47.98 1.16 -0.26	40.02 0.67 0.00	35.06 0.14 0.00
NEG CENTRAL___DRP 24199	31.12 0.43 0.00	29.65 0.52 0.00	27.50 0.22 0.00	26.69 0.16 0.00	26.11 0.23 0.00	27.39 0.27 0.00	28.93 0.46 0.00	30.59 0.75 0.00	32.09 0.44 0.00	35.31 0.59 0.00	37.77 0.67 0.00	39.26 1.03 0.00	44.20 1.29 0.00	48.15 1.49 0.00	51.21 1.92 0.00	67.67 2.41 0.00	82.19 3.21 -2.61	102.42 4.42 -5.87	88.46 3.78 -4.18	77.68 3.46 -0.62	58.68 2.90 -1.14	48.76 1.91 -0.29	40.69 1.34 0.00	35.69 0.77 0.00
NEG CENTRAL___INDECK 23768	32.74 2.06 0.00	30.82 1.69 0.00	28.56 1.28 0.00	27.46 0.93 0.00	26.97 1.09 0.00	28.31 1.19 0.00	29.86 1.39 0.00	31.30 1.46 0.00	32.63 0.98 0.00	35.87 1.14 0.00	38.36 1.26 0.00	39.10 0.88 0.00	43.90 0.99 0.00	47.82 1.17 0.00	49.68 0.39 0.00	65.52 0.26 0.00	79.22 0.54 -2.31	97.22 2.02 -3.67	86.57 2.58 -3.49	77.62 3.16 -0.86	58.83 3.33 -0.85	48.96 2.00 -0.40	41.75 2.40 0.00	37.19 2.27 0.00
NEG CENTRAL___SENECA 23627	31.33 0.64 0.00	29.89 0.76 0.00	27.66 0.38 0.00	26.82 0.29 0.00	26.27 0.39 0.00	27.58 0.46 0.00	29.18 0.71 0.00	30.89 1.04 0.00	32.34 0.70 0.00	35.55 0.83 0.00	37.99 0.89 0.00	39.60 1.38 0.00	44.59 1.67 0.00	48.66 2.01 0.00	51.75 2.46 0.00	68.26 3.00 -2.44	82.86 4.05 -4.18	101.84 5.53 -3.64	88.89 4.75 -3.64	78.64 4.34 -0.70	59.00 3.66 -0.70	49.26 2.37 -0.33	40.96 1.61 0.00	35.87 0.94 0.00
NEG CENTRAL___STATE_STREET 24147	31.30 0.61 0.00	29.80 0.67 0.00	27.66 0.38 0.00	26.88 0.34 0.00	26.29 0.41 0.00	27.58 0.46 0.00	29.04 0.57 0.00	30.71 0.87 0.00	32.31 0.66 0.00	35.55 0.83 0.00	37.84 0.74 0.00	39.29 1.07 0.00	44.20 1.29 0.00	48.15 1.49 0.00	51.55 2.27 0.00	68.26 3.00 0.00	82.82 3.67 -2.78	103.97 4.88 -6.96	89.29 4.19 -4.60	78.04 3.83 -0.62	58.94 3.11 -1.18	49.13 2.28 -0.28	41.00 1.65 0.00	36.04 1.12 0.00
NEG MILLWOOD___DRP 24198	33.11 2.42 0.00	31.17 2.04 0.00	29.36 2.07 0.00	28.60 2.07 0.00	27.77 1.89 0.00	29.07 1.95 0.00	30.43 1.96 0.00	32.14 2.30 0.00	34.27 2.63 0.00	37.60 2.88 0.00	40.25 3.15 0.00	41.09 2.87 0.00	46.44 3.52 0.00	50.95 4.29 0.00	54.26 4.98 0.00	72.17 6.92 0.00	88.36 8.32 -3.66	101.34 9.21 0.00	94.92 8.05 -6.37	85.47 6.55 -5.33	64.73 4.81 -5.27	52.66 3.63 -2.46	42.30 2.95 0.00	37.75 2.83 0.00
NEG NORTH_FLCN_SEA 23793	30.72 0.03 0.00	29.16 0.03 0.00	27.12 -0.16 0.00	26.35 -0.19 0.00	25.62 -0.26 0.00	26.82 -0.30 0.00	28.07 -0.40 0.00	29.66 -0.18 0.00	31.77 0.13 0.00	33.64 -1.08 0.00	35.13 -1.97 0.00	35.97 -2.26 0.00	39.40 -3.52 0.00	42.60 -4.06 0.00	44.80 -4.48 0.00	44.18 -5.94 15.14	52.30 -7.79 16.28	58.18 -8.75 25.19	61.07 -5.96 13.48	68.74 -4.86 0.00	47.91 -3.93 2.79	43.44 -3.12 0.00	37.34 -2.01 0.00	34.29 -0.63 0.00
NEG NORTH_KES_CHATEGAY 23792	30.35 -0.34 0.00	28.78 -0.35 0.00	26.82 -0.46 0.00	26.05 -0.48 0.00	25.34 -0.54 0.00	26.52 -0.60 0.00	27.76 -0.71 0.00	29.30 -0.54 0.00	31.36 -0.28 0.00	33.71 -1.01 0.00	35.50 -1.60 0.00	36.35 -1.87 0.00	40.17 -2.75 0.00	43.44 -3.22 0.00	45.59 -3.70 0.00	45.47 -4.89 14.89	51.60 -6.49 18.28	55.73 -7.19 29.21	59.73 -4.59 16.19	69.92 -3.68 0.00	48.23 -3.06 3.36	44.23 -2.33 0.00	37.66 -1.69 0.00	33.87 -1.05 0.00

NEG NORTH___ALICE_FALLS 23915	30.69 0.00 0.00	29.13 0.00 0.00	27.09 -0.19 0.00	26.32 -0.21 0.00	25.59 -0.28 0.00	26.79 -0.33 0.00	28.04 -0.43 0.00	29.63 -0.21 0.00	31.74 0.09 0.00	33.82 -0.90 0.00	35.47 -1.63 0.00	36.31 -1.91 0.00	39.91 -3.00 0.00	43.20 -3.45 0.00	45.39 -3.89 0.00	45.00 -5.16 15.10	52.90 -6.87 16.60	58.65 -7.65 25.83	61.69 -4.91 13.91	69.84 -3.75 0.00	48.59 -3.17 2.88	44.05 -2.51 0.00	37.62 -1.73 0.00	34.26 -0.66 0.00
NEG NORTH___LWR_SARANAC 23913	30.69 0.00 0.00	29.13 0.00 0.00	27.09 -0.19 0.00	26.32 -0.21 0.00	25.59 -0.28 0.00	26.79 -0.33 0.00	28.04 -0.43 0.00	29.63 -0.21 0.00	31.74 0.09 0.00	33.82 -0.90 0.00	35.47 -1.63 0.00	36.31 -1.91 0.00	39.91 -3.00 0.00	43.20 -3.45 0.00	45.39 -3.89 0.00	45.00 -5.16 15.10	52.90 -6.87 16.60	58.65 -7.65 25.83	61.69 -4.91 13.91	69.84 -3.75 0.00	48.59 -3.17 2.88	44.05 -2.51 0.00	37.62 -1.73 0.00	34.26 -0.66 0.00
NEG NORTH___PLATTSBURG 23628	30.66 -0.03 0.00	29.13 0.00 0.00	27.09 -0.19 0.00	26.32 -0.21 0.00	25.60 -0.28 0.00	26.79 -0.32 0.00	28.04 -0.43 0.00	29.63 -0.21 0.00	31.74 0.10 0.00	33.82 -0.90 0.00	36.13 -0.96 0.00	36.31 -1.91 0.00	39.91 -3.01 0.00	43.20 -3.45 0.00	45.20 -4.09 0.00	45.00 -5.16 15.10	52.90 -6.87 16.60	58.65 -7.65 25.83	61.53 -5.07 13.91	69.85 -3.75 0.00	48.59 -3.17 2.88	44.05 -2.52 0.00	37.62 -1.73 0.00	34.26 -0.66 0.00
NEG WEST_LEA_LOCKPORT 23791	31.15 0.46 0.00	29.91 0.79 0.00	27.42 0.14 0.00	26.53 0.00 0.00	25.96 0.08 0.00	27.25 0.14 0.00	28.87 0.40 0.00	30.53 0.69 0.00	31.61 -0.03 0.00	34.76 0.03 0.00	36.88 -0.22 0.00	38.80 0.57 0.00	43.69 0.77 0.00	47.26 0.61 0.00	50.71 1.43 0.00	66.04 0.78 0.00	80.29 1.68 -2.24	97.46 2.12 -3.22	85.60 1.85 -3.24	76.47 2.13 -0.74	57.67 2.30 -0.73	47.83 0.93 -0.34	40.18 0.83 0.00	35.10 0.17 0.00
NEG WEST___LANCASTR 23811	31.33 0.64 0.00	30.03 0.90 0.00	27.58 0.30 0.00	26.72 0.19 0.00	26.14 0.26 0.00	27.39 0.27 0.00	29.12 0.65 0.00	30.80 0.95 0.00	32.09 0.44 0.00	35.55 0.83 0.00	37.77 0.67 0.00	39.68 1.45 0.00	44.76 1.85 0.00	48.57 1.91 0.00	52.14 2.86 0.00	68.19 2.94 0.00	82.86 4.20 -2.28	100.86 5.16 -3.58	88.31 4.35 -3.46	78.45 3.97 -0.88	58.96 3.44 -0.87	48.97 2.00 -0.41	40.77 1.42 0.00	35.69 0.77 0.00
NEG_PENN_ALLEGHNY 23528	31.48 0.80 0.00	29.83 0.70 0.00	27.80 0.52 0.00	26.93 0.40 0.00	26.35 0.47 0.00	27.63 0.51 0.00	29.13 0.66 0.00	30.65 0.81 0.00	32.37 0.73 0.00	35.59 0.87 0.00	38.06 0.96 0.00	39.53 1.30 0.00	44.46 1.54 0.00	48.52 1.87 0.00	51.70 2.41 0.00	68.19 2.94 0.00	81.21 3.59 -1.25	97.32 4.51 -0.68	86.72 3.86 -2.35	78.73 3.39 -1.74	59.21 2.84 -1.72	49.37 2.00 -0.81	40.76 1.41 0.00	35.94 1.01 0.00
NEG___GEN_MONROE 24207	31.33 0.64 0.00	30.06 0.93 0.00	27.72 0.44 0.00	26.82 0.29 0.00	26.24 0.36 0.00	27.55 0.43 0.00	29.21 0.74 0.00	30.92 1.07 0.00	32.09 0.44 0.00	35.49 0.76 0.00	37.95 0.85 0.00	39.72 1.49 0.00	44.72 1.80 0.00	48.62 1.96 0.00	51.65 2.37 0.00	67.73 2.48 0.00	82.17 3.59 -2.21	100.17 4.79 -3.25	87.82 4.19 -3.13	165.19 4.27 -87.33	58.83 3.61 -0.58	49.16 2.33 -0.27	41.12 1.77 0.00	36.11 1.19 0.00
NEPA___ENERGY 23901	31.64 0.95 0.00	30.29 1.17 0.00	27.85 0.57 0.00	26.96 0.42 0.00	26.37 0.49 0.00	27.63 0.52 0.00	29.38 0.91 0.00	31.15 1.31 0.00	32.47 0.82 0.00	35.97 1.25 0.00	38.25 1.15 0.00	40.17 1.95 0.00	45.32 2.40 0.00	49.13 2.47 0.00	52.78 3.50 0.00	69.04 3.78 0.00	83.70 5.04 -2.29	101.87 6.17 -3.57	89.12 5.15 -3.46	79.12 4.64 -0.89	59.46 3.93 -0.88	49.39 2.42 -0.41	41.12 1.77 0.00	35.87 0.94 0.00
NEVERSINK___HYD 23608	32.28 1.59 0.00	30.53 1.40 0.00	28.62 1.34 0.00	27.94 1.41 0.00	27.10 1.22 0.00	28.37 1.25 0.00	29.84 1.37 0.00	31.24 1.40 0.00	33.20 1.55 0.00	36.39 1.67 0.00	38.88 1.78 0.00	40.02 1.80 0.00	45.02 2.10 0.00	48.15 1.49 0.00	51.16 1.87 0.00	68.12 2.87 0.00	83.17 3.52 -3.28	95.99 3.87 0.00	89.51 3.30 -5.70	80.79 2.43 -4.77	61.11 1.75 -4.72	51.05 2.28 -2.21	41.24 1.89 0.00	36.77 1.85 0.00
NEWKRMKL_115KV_TB1 55635	31.70 1.01 0.00	30.03 0.90 0.00	28.32 1.04 0.00	27.54 1.01 0.00	26.84 0.96 0.00	28.12 1.00 0.00	29.47 1.00 0.00	30.74 0.90 0.00	32.72 1.08 0.00	35.90 1.18 0.00	38.44 1.34 0.00	39.37 1.15 0.00	44.16 1.24 0.00	48.43 1.77 0.00	51.36 2.07 0.00	67.93 2.68 0.00	87.94 3.13 -8.43	95.62 3.50 0.00	98.22 3.06 -14.65	88.61 2.72 -12.29	68.83 2.02 -12.17	53.92 1.68 -5.68	40.65 1.30 0.00	36.18 1.26 0.00
NEWTON___FALLS_HYD 23847	30.35 -0.34 0.00	28.84 -0.29 0.00	26.87 -0.41 0.00	26.11 -0.42 0.00	25.54 -0.34 0.00	26.82 -0.30 0.00	28.07 -0.40 0.00	29.30 -0.54 0.00	31.14 -0.51 0.00	33.99 -0.73 0.00	36.39 -0.70 0.00	37.61 -0.61 0.00	42.23 -0.69 0.00	45.82 -0.84 0.00	47.86 -1.43 0.00	54.83 -2.35 8.08	136.22 -3.36 -63.20	231.65 -3.50 -143.02	168.34 -2.50 -90.33	71.76 -1.84 0.00	72.23 -1.04 -18.62	46.10 -0.47 0.00	39.19 -0.16 0.00	34.47 -0.45 0.00
NGRID_A1_DSASP 323792	31.24 0.55 0.00	29.04 -0.09 0.00	27.15 -0.14 0.00	26.06 -0.48 0.00	25.62 -0.26 0.00	26.82 -0.30 0.00	28.33 -0.14 0.00	29.63 -0.21 0.00	31.01 -0.63 0.00	34.31 -0.42 0.00	36.54 -0.56 0.00	38.38 0.15 0.00	43.18 0.26 0.00	46.61 -0.05 0.00	49.78 0.49 0.00	64.99 -0.26 0.00	78.84 0.23 -2.24	95.50 0.18 -3.19	84.23 0.49 -3.24	75.16 0.81 -0.75	56.70 1.31 -0.74	47.00 0.09 -0.35	39.39 0.04 0.00	34.57 -0.35 0.00
NGRID_A2_DSASP 323793	31.24 0.55 0.00	29.04 -0.09 0.00	27.15 -0.14 0.00	26.06 -0.48 0.00	25.62 -0.26 0.00	26.82 -0.30 0.00	28.33 -0.14 0.00	29.63 -0.21 0.00	31.01 -0.63 0.00	34.31 -0.42 0.00	36.54 -0.56 0.00	38.38 0.15 0.00	43.18 0.26 0.00	46.61 -0.05 0.00	49.78 0.49 0.00	64.99 -0.26 0.00	78.84 0.23 -2.24	95.50 0.18 -3.19	84.23 0.49 -3.24	75.16 0.81 -0.75	56.70 1.31 -0.74	47.00 0.09 -0.35	39.39 0.04 0.00	34.57 -0.35 0.00
NGRID_A4_DSASP 323807	30.50 -0.18 0.00	29.30 0.17 0.00	27.15 -0.14 0.00	26.32 -0.21 0.00	25.72 -0.16 0.00	26.71 -0.41 0.00	28.50 0.03 0.00	29.96 0.12 0.00	31.01 -0.63 0.00	34.30 -0.42 0.00	36.32 -0.78 0.00	38.15 -0.08 0.00	42.92 0.00 0.00	46.38 -0.28 0.00	49.83 0.54 0.00	64.80 -0.46 0.00	78.84 0.23 -2.24	95.50 0.18 -3.19	84.15 0.40 -3.24	75.16 0.81 -0.75	56.70 1.31 -0.74	47.00 0.09 -0.35	39.47 0.12 0.00	34.61 -0.31 0.00
NIAGARA_115E_LBMP 323715	31.03 0.34 0.00	29.27 0.15 0.00	26.96 -0.33 0.00	25.87 -0.66 0.00	25.44 -0.44 0.00	26.66 -0.46 0.00	28.21 -0.26 0.00	29.69 -0.15 0.00	31.04 -0.60 0.00	34.34 -0.38 0.00	36.58 -0.52 0.00	38.46 0.23 0.00	43.26 0.34 0.00	46.75 0.09 0.00	49.98 0.69 0.00	65.32 0.07 0.00	79.22 0.61 -2.24	96.07 0.73 -3.21	84.48 0.72 -3.25	75.52 1.17 -0.75	56.97 1.59 -0.75	47.24 0.33 -0.35	39.59 0.24 0.00	34.61 -0.31 0.00

NIAGARA_115W_LBMP 323714	31.18 0.49 0.00	28.95 -0.17 0.00	27.09 -0.19 0.00	26.00 -0.53 0.00	25.57 -0.31 0.00	26.76 -0.35 0.00	28.24 -0.23 0.00	29.57 -0.27 0.00	30.92 -0.73 0.00	34.20 -0.52 0.00	36.43 -0.67 0.00	38.26 0.04 0.00	43.00 0.09 0.00	46.47 -0.19 0.00	49.63 0.35 0.00	64.80 -0.45 0.00	78.61 0.00 -2.24	95.22 -0.09 -3.19	83.98 0.24 -3.24	74.93 0.59 -0.75	56.53 1.15 -0.74	46.86 -0.05 -0.35	39.27 -0.08 0.00	34.50 -0.42 0.00
NIAGARA_230_LBMP 323716	31.30 0.61 0.00	29.30 0.18 0.00	27.23 -0.05 0.00	26.13 -0.40 0.00	25.70 -0.18 0.00	26.90 -0.22 0.00	28.47 0.00 0.00	29.93 0.09 0.00	31.30 -0.35 0.00	34.62 -0.10 0.00	36.88 -0.22 0.00	38.72 0.50 0.00	43.56 0.64 0.00	47.08 0.42 0.00	50.32 1.04 0.00	65.77 0.52 0.00	79.75 1.15 -2.23	96.76 1.47 -3.17	85.09 1.37 -3.22	75.95 1.62 -0.74	57.29 1.91 -0.73	47.55 0.65 -0.34	39.82 0.47 0.00	34.85 -0.07 0.00
NIAGARA__115KV_198_GIBSON 55903	30.41 -0.28 0.00	29.22 0.09 0.00	27.09 -0.19 0.00	26.24 -0.29 0.00	25.67 -0.21 0.00	26.63 -0.49 0.00	28.44 -0.03 0.00	29.87 0.03 0.00	30.92 -0.73 0.00	34.20 -0.52 0.00	36.21 -0.89 0.00	38.03 -0.19 0.00	42.79 -0.13 0.00	46.24 -0.42 0.00	49.68 0.39 0.00	64.60 -0.65 0.00	78.61 0.00 -2.24	95.22 -0.09 -3.19	83.90 0.16 -3.24	74.93 0.59 -0.75	56.53 1.15 -0.74	46.86 -0.05 -0.35	39.31 -0.04 0.00	34.50 -0.42 0.00
NIAGARA____ 23760	31.09 0.40 0.00	29.07 -0.06 0.00	27.01 -0.27 0.00	25.92 -0.61 0.00	25.49 -0.39 0.00	26.68 -0.43 0.00	28.24 -0.23 0.00	29.66 -0.18 0.00	31.08 -0.57 0.00	34.37 -0.35 0.00	36.62 -0.48 0.00	38.49 0.27 0.00	43.30 0.39 0.00	46.80 0.14 0.00	50.03 0.74 0.00	65.38 0.13 0.00	79.37 0.76 -2.23	96.23 0.92 -3.19	84.71 0.97 -3.23	75.59 1.25 -0.74	57.02 1.64 -0.74	47.23 0.33 -0.34	39.55 0.20 0.00	34.57 -0.35 0.00
NINE_MILE_1 23575	29.86 -0.83 0.00	28.31 -0.82 0.00	26.44 -0.85 0.00	25.66 -0.87 0.00	25.08 -0.80 0.00	26.31 -0.81 0.00	27.64 -0.83 0.00	29.04 -0.80 0.00	30.70 -0.95 0.00	33.71 -1.01 0.00	36.10 -1.00 0.00	37.35 -0.88 0.00	41.97 -0.94 0.00	45.63 -1.03 0.00	48.40 -0.89 0.00	64.01 -1.24 0.00	75.00 -1.37 0.00	74.80 -1.48 15.84	74.95 -1.37 4.19	72.42 -1.18 0.00	53.88 -0.77 0.00	45.72 -0.84 0.00	38.56 -0.79 0.00	34.08 -0.84 0.00
NINE_MILE_2 23744	29.86 -0.83 0.00	28.31 -0.82 0.00	26.46 -0.82 0.00	25.66 -0.87 0.00	25.08 -0.80 0.00	26.31 -0.81 0.00	27.64 -0.83 0.00	29.04 -0.80 0.00	30.70 -0.95 0.00	33.71 -1.01 0.00	36.10 -1.00 0.00	37.35 -0.88 0.00	41.97 -0.94 0.00	45.63 -1.03 0.00	48.40 -0.89 0.00	64.01 -1.24 0.00	75.00 -1.37 0.00	74.57 -1.48 16.08	74.89 -1.37 4.25	72.42 -1.18 0.00	53.88 -0.77 0.00	45.72 -0.84 0.00	38.56 -0.79 0.00	34.08 -0.84 0.00
NM_CAPITAL____DRP 24208	31.79 1.10 0.00	30.12 0.99 0.00	28.40 1.12 0.00	27.65 1.11 0.00	26.94 1.06 0.00	28.20 1.08 0.00	29.55 1.08 0.00	30.83 0.98 0.00	32.82 1.17 0.00	36.01 1.28 0.00	38.51 1.41 0.00	39.45 1.22 0.00	44.29 1.37 0.00	48.52 1.87 0.00	51.45 2.17 0.00	68.06 2.81 0.00	88.08 3.36 -8.34	95.81 3.68 0.00	98.22 3.22 -14.50	88.63 2.87 -12.16	68.81 2.13 -12.04	53.95 1.77 -5.62	40.77 1.42 0.00	36.28 1.36 0.00
NM_CENTRAL____DRP 24181	30.47 -0.21 0.00	28.98 -0.15 0.00	27.01 -0.27 0.00	26.24 -0.29 0.00	25.62 -0.26 0.00	26.87 -0.24 0.00	28.30 -0.17 0.00	29.78 -0.06 0.00	31.36 -0.28 0.00	34.55 -0.17 0.00	36.99 -0.11 0.00	38.34 0.11 0.00	43.13 0.21 0.00	46.98 0.33 0.00	49.88 0.59 0.00	65.97 0.72 0.00	80.82 0.99 -3.45	101.50 1.47 -7.90	86.89 1.13 -5.26	74.63 1.03 0.00	56.44 0.98 -0.82	47.12 0.56 0.00	39.67 0.31 0.00	34.96 0.03 0.00
NM_FRONTIER____DRP 24179	30.41 -0.28 0.00	29.22 0.09 0.00	27.09 -0.19 0.00	26.24 -0.29 0.00	25.67 -0.21 0.00	26.63 -0.49 0.00	28.44 -0.03 0.00	29.87 0.03 0.00	30.92 -0.73 0.00	34.20 -0.52 0.00	36.21 -0.89 0.00	38.03 -0.19 0.00	42.79 -0.13 0.00	46.24 -0.42 0.00	49.68 0.39 0.00	64.60 -0.65 0.00	78.61 0.00 -2.24	95.22 -0.09 -3.19	83.90 0.16 -3.24	74.93 0.59 -0.75	56.53 1.15 -0.74	46.86 -0.05 -0.35	39.31 -0.04 0.00	34.50 -0.42 0.00
NM_ST_REGIS____HYD 24053	29.71 -0.98 0.00	28.22 -0.90 0.00	26.33 -0.95 0.00	25.60 -0.93 0.00	24.97 -0.91 0.00	26.17 -0.95 0.00	27.36 -1.11 0.00	28.71 -1.13 0.00	30.67 -0.98 0.00	33.33 -1.39 0.00	35.58 -1.52 0.00	36.54 -1.68 0.00	40.81 -2.10 0.00	44.09 -2.57 0.00	46.18 -3.10 0.00	47.94 -4.70 12.61	33.22 -6.49 36.66	18.74 -7.28 66.11	33.73 -5.72 41.06	68.96 -4.64 0.00	42.74 -3.39 8.51	44.42 -2.14 0.00	37.70 -1.65 0.00	33.56 -1.36 0.00
NORTHPORT____1 23551	34.31 2.88 -0.74	31.75 2.62 0.00	30.50 2.59 -0.62	29.10 2.57 0.00	28.21 2.33 0.00	29.76 2.63 -0.02	31.41 2.79 -0.15	32.80 2.95 0.00	34.84 3.19 0.00	38.26 3.54 0.00	39.70 2.60 0.00	40.59 2.37 0.00	41.99 2.40 3.33	46.37 3.73 4.02	53.40 3.99 -0.13	61.49 4.57 8.33	70.23 5.42 11.57	80.34 6.27 18.05	78.55 5.16 7.11	68.75 3.46 8.31	59.07 2.19 -2.24	49.25 2.19 -0.50	41.02 2.28 0.61	39.84 3.25 -1.67
NORTHPORT____2 23552	34.31 2.88 -0.74	31.75 2.62 0.00	30.50 2.59 -0.62	29.10 2.57 0.00	28.21 2.33 0.00	29.76 2.63 -0.02	31.41 2.79 -0.15	32.80 2.95 0.00	34.84 3.19 0.00	38.26 3.54 0.00	39.70 2.60 0.00	40.59 2.37 0.00	41.99 2.40 3.33	46.37 3.73 4.02	52.94 3.99 0.34	61.49 4.57 8.33	70.23 5.42 11.57	80.34 6.27 18.05	78.55 5.16 7.11	68.75 3.46 8.31	59.07 2.19 -2.24	49.25 2.19 -0.50	41.02 2.28 0.61	39.84 3.25 -1.67
NORTHPORT____3 23553	34.01 2.58 -0.74	31.46 2.33 0.00	30.22 2.32 -0.62	28.81 2.28 0.00	27.92 2.04 0.00	29.44 2.30 -0.01	31.20 2.59 -0.14	32.59 2.74 0.00	34.68 3.04 0.00	38.13 3.40 0.00	39.29 2.19 0.00	40.43 2.22 0.01	42.20 2.36 3.08	46.36 3.73 4.03	52.98 4.04 0.35	61.62 4.70 8.34	70.37 5.57 11.58	80.42 6.35 18.06	78.55 5.16 7.12	68.74 3.46 8.32	59.17 2.29 -2.24	49.15 2.10 -0.50	40.96 2.04 0.44	39.38 2.79 -1.66
NORTHPORT____4 23650	34.01 2.58 -0.74	31.46 2.33 0.00	30.22 2.32 -0.62	28.81 2.28 0.00	27.92 2.04 0.00	29.44 2.30 -0.01	31.20 2.59 -0.14	32.59 2.74 0.00	34.68 3.04 0.00	38.13 3.40 0.00	39.29 2.19 0.00	40.43 2.22 0.01	42.20 2.36 3.08	46.36 3.73 4.03	52.98 4.04 0.35	61.62 4.70 8.34	70.37 5.57 11.58	80.42 6.35 18.06	78.55 5.16 7.12	68.74 3.46 8.32	59.17 2.29 -2.24	49.15 2.10 -0.50	40.96 2.04 0.44	39.38 2.79 -1.66
NORTHPORT____IC 23718	34.31 2.88 -0.74	31.75 2.62 0.00	30.50 2.59 -0.62	29.10 2.57 0.00	28.21 2.33 0.00	29.76 2.63 -0.02	31.41 2.79 -0.15	32.80 2.95 0.00	34.84 3.19 0.00	38.26 3.54 0.00	39.70 2.60 0.00	40.59 2.37 0.00	41.99 2.40 3.33	46.37 3.73 4.02	52.94 3.99 0.34	61.49 4.57 8.33	70.23 5.42 11.57	80.34 6.27 18.05	78.55 5.16 7.11	68.75 3.46 8.31	59.07 2.19 -2.24	49.25 2.19 -0.50	41.02 2.28 0.61	39.84 3.25 -1.67

NORTH__COUNTRY_ESR 323785	30.26 -0.43 0.00	28.72 -0.41 0.00	26.76 -0.52 0.00	26.00 -0.53 0.00	25.29 -0.59 0.00	26.44 -0.68 0.00	27.70 -0.77 0.00	29.25 -0.60 0.00	31.30 -0.35 0.00	33.68 -1.04 0.00	35.95 -1.15 0.00	36.31 -1.91 0.00	40.08 -2.83 0.00	43.34 -3.31 0.00	45.25 -4.04 0.00	45.28 -5.09 14.89	51.40 -6.65 18.33	55.36 -7.46 29.30	59.35 -4.91 16.25	69.69 -3.90 0.00	48.00 -3.28 3.37	44.09 -2.47 0.00	37.54 -1.81 0.00	33.77 -1.15 0.00
NPX_GEN_1385_PROXY 323591	34.07 2.64 -0.74	31.34 2.21 0.00	30.12 2.21 -0.62	29.00 2.47 0.00	28.08 2.20 0.00	29.58 2.44 -0.02	30.92 2.31 -0.15	32.41 2.57 0.00	34.43 2.79 0.00	37.81 3.09 0.00	40.25 3.15 0.00	41.05 2.83 0.00	42.94 3.35 3.33	47.21 4.57 4.02	54.21 4.88 -0.04	62.60 5.67 8.33	71.60 6.79 11.57	82.00 7.92 18.05	80.00 6.60 7.11	70.00 4.71 8.31	60.00 3.11 -2.24	50.00 2.94 -0.50	41.72 2.99 0.61	40.53 3.95 -1.67
NPX_GEN_CSC 323557	34.72 3.29 -0.74	32.56 3.44 0.00	31.27 3.35 -0.63	29.85 3.32 0.00	28.93 3.05 0.00	30.53 3.39 -0.03	32.32 3.65 -0.20	32.92 3.07 0.00	34.88 3.23 0.00	38.26 3.54 0.00	39.96 2.86 0.00	41.10 2.87 0.00	46.46 2.96 -0.59	51.18 4.52 0.00	55.49 4.93 -1.27	79.12 5.35 -8.51	104.37 6.42 -21.58	117.93 7.74 -18.06	125.58 7.09 -37.99	100.01 5.15 -21.26	63.32 3.50 -5.18	52.39 3.17 -2.66	44.35 2.91 -2.08	40.30 3.70 -1.67
NSINS_S_GLNS_FALLS 23858	32.65 1.96 0.00	30.93 1.81 0.00	29.14 1.86 0.00	28.26 1.72 0.00	27.59 1.71 0.00	28.96 1.84 0.00	30.43 1.96 0.00	31.84 2.00 0.00	33.83 2.18 0.00	37.12 2.40 0.00	39.40 2.30 0.00	40.63 2.41 0.00	45.62 2.70 0.00	50.16 3.50 0.00	53.33 4.04 0.00	70.67 5.42 0.00	94.50 6.64 -11.49	100.23 8.11 0.00	108.11 7.65 -19.96	97.56 7.21 -16.75	76.75 5.52 -16.59	58.87 4.56 -7.75	42.54 3.19 0.00	37.58 2.65 0.00
NUCOR_STEEL__DRP 24197	31.12 0.43 0.00	29.62 0.50 0.00	27.53 0.25 0.00	26.74 0.21 0.00	26.16 0.28 0.00	27.42 0.30 0.00	28.90 0.43 0.00	30.50 0.66 0.00	32.09 0.44 0.00	35.28 0.56 0.00	37.77 0.67 0.00	39.18 0.96 0.00	44.08 1.16 0.00	48.01 1.35 0.00	51.06 1.77 0.00	67.60 2.35 0.00	82.09 2.90 -2.82	103.37 3.96 -7.28	88.58 3.38 -4.70	77.27 3.09 -0.59	58.38 2.57 -1.17	48.65 1.82 -0.27	40.69 1.34 0.00	35.80 0.87 0.00
NUMBER_THREE_WT_PWR 323818	31.24 0.55 0.00	29.62 0.49 0.00	27.61 0.33 0.00	26.80 0.27 0.00	26.29 0.41 0.00	27.61 0.49 0.00	28.95 0.48 0.00	30.14 0.30 0.00	31.96 0.32 0.00	34.93 0.21 0.00	37.55 0.45 0.00	38.83 0.61 0.00	43.69 0.77 0.00	46.70 0.05 0.00	49.63 0.35 0.00	62.63 0.46 3.08	104.74 0.38 -27.99	156.82 1.11 -63.59	121.99 1.53 -39.96	75.29 1.69 0.00	64.52 1.70 -8.18	48.56 2.00 0.00	40.65 1.30 0.00	35.45 0.52 0.00
NYISO_LBMP_REFERENCE 24008	30.69 0.00 0.00	29.13 0.00 0.00	27.28 0.00 0.00	26.53 0.00 0.00	25.88 0.00 0.00	27.12 0.00 0.00	28.47 0.00 0.00	29.84 0.00 0.00	31.65 0.00 0.00	34.72 0.00 0.00	37.10 0.00 0.00	38.22 0.00 0.00	42.92 0.00 0.00	46.66 0.00 0.00	49.29 0.00 0.00	65.25 0.00 0.00	76.37 0.00 0.00	92.12 0.00 0.00	80.50 0.00 0.00	73.60 0.00 0.00	54.64 0.00 0.00	46.56 0.00 0.00	39.35 0.00 0.00	34.92 0.00 0.00
NYPA_BRENTWD__GT 24164	34.84 3.41 -0.74	32.25 3.12 0.00	30.96 3.05 -0.63	29.53 3.00 0.00	28.62 2.74 0.00	30.20 3.06 -0.02	31.93 3.30 -0.16	33.30 3.46 0.00	35.38 3.73 0.00	38.89 4.16 0.00	40.51 3.41 0.00	41.66 3.40 -0.03	55.77 3.56 -9.30	51.55 4.90 0.00	54.47 5.08 -0.11	71.00 5.74 0.00	86.84 6.88 -3.60	100.23 8.11 0.00	96.29 6.76 -9.02	86.50 4.86 -8.05	63.09 3.28 -5.17	52.37 3.35 -2.46	49.73 3.26 -7.12	40.57 3.98 -1.67
NYPA_GOWANUS__GT5 24156	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NYPA_GOWANUS__GT6 24157	33.27 2.58 -0.01	31.31 2.19 0.00	29.52 2.24 0.00	28.85 2.31 -0.01	27.92 2.04 0.00	29.23 2.12 0.00	30.78 2.31 0.00	32.44 2.59 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.51 3.41 0.00	41.55 3.32 0.00	46.39 3.47 0.00	50.86 4.20 0.00	53.82 4.53 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.47 -0.07	116.65 7.49 -28.66	84.19 5.37 -5.22	175.73 3.82 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00
NYPA_HARLEM_RVR_GT1 24160	33.18 2.48 -0.01	31.28 2.16 0.00	29.47 2.18 -0.01	28.81 2.28 0.00	27.85 1.97 0.00	29.12 2.01 0.00	30.75 2.28 0.00	32.26 2.42 0.00	34.36 2.72 0.01	37.77 3.06 0.01	40.06 2.97 0.01	41.05 2.83 0.01	45.87 2.96 0.01	50.33 3.68 0.01	53.22 3.94 0.01	70.99 5.74 0.01	86.92 6.95 -3.59	99.39 7.28 0.01	93.43 6.68 -6.25	83.59 4.78 -5.22	62.70 2.89 -5.17	51.20 2.23 -2.41	41.47 2.12 0.01	37.86 2.93 -0.01
NYPA_HARLEM_RVR_GT2 24161	33.18 2.48 -0.01	31.28 2.16 0.00	29.47 2.18 -0.01	28.81 2.28 0.00	27.85 1.97 0.00	29.12 2.01 0.00	30.75 2.28 0.00	32.26 2.42 0.00	34.36 2.72 0.01	37.77 3.06 0.01	40.06 2.97 0.01	41.05 2.83 0.01	45.87 2.96 0.01	50.33 3.68 0.01	53.22 3.94 0.01	70.99 5.74 0.01	86.92 6.95 -3.59	99.39 7.28 0.01	93.43 6.68 -6.25	83.59 4.78 -5.22	62.70 2.89 -5.17	51.20 2.23 -2.41	41.47 2.12 0.01	37.86 2.93 -0.01
NYPA_KENT__GT 24152	33.18 2.48 -0.01	31.25 2.13 0.00	29.44 2.15 0.00	28.79 2.25 0.00	27.87 1.99 0.00	29.21 2.09 0.00	30.78 2.31 0.00	32.41 2.57 0.00	34.59 2.94 0.00	38.06 3.33 -0.01	40.40 3.30 0.00	41.44 3.21 0.00	46.27 3.35 0.00	50.76 4.11 0.00	53.67 4.38 0.00	79.43 6.40 -7.78	137.43 7.64 -53.42	100.36 8.20 -0.04	96.70 7.16 -9.03	83.97 5.15 -5.22	63.46 3.61 -5.21	51.62 2.65 -2.41	41.87 2.52 0.00	37.89 2.97 0.00
NYPA_POUCH1__GT 24155	33.24 2.55 -0.01	31.25 2.13 0.00	29.49 2.21 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.18 2.06 0.00	30.72 2.25 0.00	32.38 2.54 0.00	34.56 2.91 0.00	39.14 3.33 -1.09	41.14 3.30 -0.74	42.00 3.21 -0.56	43.77 3.30 2.45	46.22 4.06 4.49	48.33 4.34 5.29	99.84 6.40 -28.19	222.35 7.71 -138.26	111.51 8.29 -11.09	141.15 7.25 -53.40	100.67 5.23 -21.85	236.95 3.66 -178.65	46.85 2.61 2.31	42.30 2.56 -0.39	37.86 2.93 0.00
NYPA_VERNON__GT2 24162	33.12 2.42 -0.01	31.20 2.07 0.00	29.38 2.10 0.00	28.71 2.18 0.00	27.82 1.94 0.00	29.15 2.03 0.00	30.75 2.28 0.00	32.38 2.54 0.00	34.53 2.88 0.00	37.96 3.23 -0.01	40.29 3.19 0.00	41.32 3.09 0.00	46.18 3.26 0.00	50.67 4.01 0.00	53.62 4.34 0.00	73.43 6.20 -1.97	100.08 7.49 -16.22	100.05 7.92 0.00	93.68 6.92 -6.25	83.82 5.01 -5.22	63.27 3.44 -5.18	51.58 2.61 -2.41	41.75 2.40 0.00	37.79 2.86 0.00

NYPY_VERNON____GT3 24163	33.12	31.20	29.38	28.71	27.82	29.15	30.75	32.38	34.53	37.96	40.29	41.32	46.18	50.67	53.62	73.43	100.08	100.05	93.68	83.82	63.27	51.58	41.75	37.79
	2.42	2.07	2.10	2.18	1.94	2.03	2.28	2.54	2.88	3.23	3.19	3.09	3.26	4.01	4.34	6.20	7.49	7.92	6.92	5.01	3.44	2.61	2.40	2.86
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-1.97	-16.22	0.00	-6.25	-5.22	-5.18	-2.41	0.00	0.00
NYPY____ASTORIA_CC1 323568	33.09	31.17	29.35	28.68	27.79	29.12	30.72	32.32	34.46	37.92	40.22	41.24	46.09	50.53	53.47	71.32	87.30	99.86	93.51	83.67	63.09	51.44	41.67	37.75
	2.40	2.04	2.07	2.15	1.92	2.01	2.25	2.48	2.82	3.19	3.12	3.02	3.18	3.87	4.19	6.07	7.33	7.74	6.76	4.86	3.28	2.47	2.32	2.83
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-3.59	0.01	-6.25	-5.22	-5.17	-2.41	0.00	0.00
NYPY____ASTORIA_CC2 323569	33.09	31.17	29.35	28.68	27.79	29.12	30.72	32.32	34.46	37.92	40.22	41.24	46.09	50.53	53.47	71.32	87.30	99.86	93.51	83.67	63.09	51.44	41.67	37.75
	2.40	2.04	2.07	2.15	1.92	2.01	2.25	2.48	2.82	3.19	3.12	3.02	3.18	3.87	4.19	6.07	7.33	7.74	6.76	4.86	3.28	2.47	2.32	2.83
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-3.59	0.01	-6.25	-5.22	-5.17	-2.41	0.00	0.00
NYPY____HOLTSVILL 23794	34.68	32.19	30.92	29.50	28.57	30.15	31.92	33.07	35.03	38.47	40.07	41.13	46.88	51.10	55.24	79.33	104.78	118.17	122.69	113.59	63.04	52.42	44.28	40.30
	3.25	3.06	3.00	2.97	2.69	3.01	3.24	3.22	3.39	3.75	2.97	2.90	2.96	4.43	4.78	5.41	6.49	7.64	6.52	4.71	3.22	2.98	2.87	3.70
	-0.74	0.00	-0.63	0.00	0.00	-0.02	-0.20	0.00	0.00	0.00	0.00	0.00	-1.00	-0.01	-1.18	-8.67	-21.92	-18.40	-35.66	-35.28	-5.18	-2.87	-2.06	-1.67
NYPY____HELLGATE_GT1 24158	33.18	31.28	29.47	28.81	27.85	29.12	30.75	32.26	34.36	37.77	40.06	41.05	45.87	50.33	53.22	70.99	86.92	99.39	93.43	83.59	62.70	51.20	41.47	37.86
	2.48	2.16	2.18	2.28	1.97	2.01	2.28	2.42	2.72	3.06	2.97	2.83	2.96	3.68	3.94	5.74	6.95	7.28	6.68	4.78	2.89	2.23	2.12	2.93
	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-3.59	0.01	-6.25	-5.22	-5.17	-2.41	0.01	-0.01
NYPY____HELLGATE_GT2 24159	33.18	31.28	29.47	28.81	27.85	29.12	30.75	32.26	34.36	37.77	40.06	41.05	45.87	50.33	53.22	70.99	86.92	99.39	93.43	83.59	62.70	51.20	41.47	37.86
	2.48	2.16	2.18	2.28	1.97	2.01	2.28	2.42	2.72	3.06	2.97	2.83	2.96	3.68	3.94	5.74	6.95	7.28	6.68	4.78	2.89	2.23	2.12	2.93
	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-3.59	0.01	-6.25	-5.22	-5.17	-2.41	0.01	-0.01
NYS_BARGE____HYD 23848	31.48	29.62	27.36	26.24	25.80	27.04	28.64	30.17	31.55	34.86	37.17	39.10	44.03	47.59	50.86	66.43	80.59	97.92	85.99	76.83	57.93	48.01	40.37	35.27
	0.80	0.49	0.08	-0.29	-0.08	-0.08	0.17	0.33	-0.09	0.14	0.07	0.88	1.11	0.93	1.58	1.18	1.98	2.58	2.25	2.50	2.57	1.12	1.02	0.35
	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	-2.24	-3.22	-3.23	-0.73	-0.72	-0.34	0.00	0.00
OAK ORCHARD____HYD 24046	31.52	29.65	27.58	26.53	26.04	27.31	28.90	30.53	32.03	35.42	37.80	39.53	44.51	48.38	51.55	67.80	82.24	100.35	87.81	78.29	58.72	48.93	40.88	35.83
	0.83	0.52	0.30	0.00	0.16	0.19	0.43	0.69	0.38	0.69	0.70	1.30	1.59	1.73	2.27	2.54	3.67	4.97	4.18	4.12	3.50	2.10	1.53	0.91
	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	-2.20	-3.25	-3.13	-0.58	-0.57	-0.27	0.00	0.00
OAKDALE__35_KV_LOAD 356122	31.27	29.77	27.69	26.90	26.29	27.55	29.07	30.56	32.22	35.45	37.88	39.29	44.20	48.15	51.31	67.73	80.69	96.55	86.09	78.30	58.85	49.05	40.53	35.73
	0.58	0.64	0.41	0.37	0.41	0.43	0.60	0.72	0.57	0.73	0.78	1.07	1.29	1.49	2.02	2.48	3.05	3.78	3.22	2.94	2.46	1.68	1.18	0.80
	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	-1.26	-0.65	-2.37	-1.76	-1.74	-0.81	0.00	0.00
OCC_CHEM____DRP 24175	30.50	29.30	27.15	26.32	25.72	26.71	28.50	29.96	31.01	34.30	36.32	38.15	42.92	46.38	49.83	64.80	78.84	95.50	84.15	75.16	56.70	47.00	39.47	34.61
	-0.18	0.17	-0.14	-0.21	-0.16	-0.41	0.03	0.12	-0.63	-0.42	-0.78	-0.08	0.00	-0.28	0.54	-0.46	0.23	0.18	0.40	0.81	1.31	0.09	0.12	-0.31
	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	-2.24	-3.19	-3.24	-0.75	-0.74	-0.35	0.00	0.00
OH_GEN_PROXY 24063	31.27	29.30	27.20	26.13	25.70	26.90	28.47	29.96	31.33	34.65	36.95	38.76	43.60	47.17	50.37	65.91	79.90	97.03	85.33	76.10	57.40	47.60	39.86	34.89
	0.58	0.18	-0.08	-0.40	-0.18	-0.22	0.00	0.12	-0.32	-0.07	-0.15	0.53	0.68	0.51	1.08	0.65	1.30	1.75	1.61	1.76	2.02	0.70	0.51	-0.03
	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	-2.23	-3.17	-3.22	-0.74	-0.73	-0.34	0.00	0.00
OLIN_CORP_DRP 24177	30.81	29.59	27.04	26.19	25.62	26.98	28.47	30.08	31.14	34.41	36.51	38.38	43.17	46.70	50.12	65.25	79.38	96.26	84.65	75.68	57.09	47.33	39.63	34.64
	0.12	0.47	-0.25	-0.34	-0.26	-0.14	0.00	0.24	-0.51	-0.31	-0.59	0.15	0.26	0.05	0.84	0.00	0.76	0.92	0.89	1.32	1.69	0.42	0.28	-0.28
	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	-2.24	-3.21	-3.26	-0.76	-0.75	-0.35	0.00	0.00
OLIN_CORP_DSASP 323712	31.24	29.04	27.15	26.06	25.62	26.82	28.33	29.63	31.01	34.31	36.54	38.38	43.18	46.61	49.78	64.99	78.84	95.50	84.23	75.16	56.70	47.00	39.39	34.57
	0.55	-0.09	-0.14	-0.48	-0.26	-0.30	-0.14	-0.21	-0.63	-0.42	-0.56	0.15	0.26	-0.05	0.49	-0.26	0.23	0.18	0.49	0.81	1.31	0.09	0.04	-0.35
	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	-2.24	-3.19	-3.24	-0.75	-0.74	-0.35	0.00	0.00
ONEIDA_HERK_LFGE 323681	31.39	29.77	27.77	26.96	26.42	27.74	29.13	30.41	32.25	35.35	37.95	39.26	44.16	47.59	50.62	66.21	91.74	125.08	102.14	76.17	60.74	48.56	40.73	35.76
	0.71	0.64	0.49	0.42	0.54	0.62	0.66	0.57	0.60	0.63	0.85	1.03	1.25	0.93	1.33	1.82	1.98	2.86	2.74	2.57	2.24	2.00	1.38	0.84
	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	0.87	-13.38	-30.10	-18.89	0.00	-3.85	0.00	0.00	0.00
ONEIDA____115KV_TB4 55905	31.58	29.97	27.94	27.12	26.55	27.88	29.32	30.68	32.50	35.66	38.25	39.60	44.59	48.62	51.60	68.32	86.03	110.58	93.28	77.50	59.60	48.98	41.12	36.14
	0.89	0.84	0.65	0.58	0.67	0.76	0.85	0.84	0.85	0.94	1.15	1.38	1.67	1.96	2.32	3.07	3.59	4.70	4.27	3.90	3.28	2.42	1.77	1.22
	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	-6.07	-13.76	-8.51	0.00	-1.68	0.00	0.00	0.00

ONONDAGA_REF_OCCRA 23987	30.63 -0.06 0.00	29.13 0.00 0.00	27.12 -0.16 0.00	26.35 -0.19 0.00	25.75 -0.13 0.00	27.01 -0.11 0.00	28.44 -0.03 0.00	29.93 0.09 0.00	31.55 -0.09 0.00	34.69 -0.03 0.00	37.17 0.07 0.00	38.53 0.31 0.00	43.35 0.43 0.00	47.17 0.51 0.00	50.12 0.84 0.00	66.30 1.04 0.00	80.93 1.37 -3.18	101.47 1.93 -7.41	87.01 1.53 -4.98	75.50 1.40 -0.51	57.12 1.26 -1.22	47.59 0.79 -0.23	39.86 0.51 0.00	35.13 0.21 0.00
ONONDAGA___COGEN 23986	30.72 0.03 0.00	29.22 0.09 0.00	27.20 -0.08 0.00	26.40 -0.13 0.00	25.80 -0.08 0.00	27.06 -0.05 0.00	28.50 0.03 0.00	30.02 0.18 0.00	31.61 -0.03 0.00	34.76 0.03 0.00	37.25 0.15 0.00	38.61 0.38 0.00	43.43 0.52 0.00	47.08 0.42 0.00	49.98 0.69 0.00	66.04 0.78 0.00	80.50 1.07 -3.06	101.77 1.57 -8.08	86.83 1.29 -5.04	75.17 1.10 -0.47	56.94 1.15 -1.15	47.52 0.74 -0.22	39.94 0.59 0.00	35.20 0.28 0.00
ONTARIO___LFGE 23819	31.55 0.86 0.00	29.80 0.67 0.00	27.66 0.38 0.00	26.74 0.21 0.00	26.21 0.34 0.00	27.55 0.43 0.00	29.10 0.63 0.00	30.77 0.93 0.00	32.34 0.70 0.00	35.55 0.83 0.00	38.03 0.93 0.00	39.64 1.42 0.00	44.68 1.76 0.00	48.57 1.91 0.00	51.80 2.51 0.00	68.32 3.07 0.00	82.85 4.04 -2.44	101.84 5.53 -4.18	88.97 4.83 -3.64	78.64 4.34 -0.70	59.00 3.66 -0.70	49.31 2.42 -0.33	40.96 1.61 0.00	35.97 1.05 0.00
ORANGEVILLE_WT_PWR 323706	31.85 1.17 0.00	29.94 0.81 0.00	27.72 0.44 0.00	26.64 0.11 0.00	26.14 0.26 0.00	27.39 0.27 0.00	29.01 0.54 0.00	30.59 0.75 0.00	32.15 0.50 0.00	35.55 0.83 0.00	37.95 0.85 0.00	39.76 1.53 0.00	44.80 1.89 0.00	48.62 1.96 0.00	51.95 2.66 0.00	68.06 2.80 0.00	82.42 3.74 -2.31	100.39 4.70 -3.57	88.19 4.18 -3.50	78.42 3.90 -0.93	58.95 3.39 -0.92	48.85 1.86 -0.43	40.69 1.34 0.00	35.55 0.63 0.00
ORANGEVILLE___ESR 323794	31.85 1.17 0.00	29.94 0.81 0.00	27.72 0.44 0.00	26.64 0.11 0.00	26.14 0.26 0.00	27.39 0.27 0.00	29.01 0.54 0.00	30.59 0.75 0.00	32.15 0.50 0.00	35.55 0.83 0.00	37.95 0.85 0.00	39.76 1.53 0.00	44.80 1.89 0.00	48.62 1.96 0.00	51.95 2.66 0.00	68.06 2.80 0.00	82.42 3.74 -2.31	100.39 4.70 -3.57	88.19 4.18 -3.50	78.42 3.90 -0.93	58.95 3.39 -0.92	48.85 1.86 -0.43	40.69 1.34 0.00	35.55 0.63 0.00
OSWEGATCHIE___HYD 24044	30.35 -0.34 0.00	28.84 -0.29 0.00	26.87 -0.41 0.00	26.11 -0.43 0.00	25.57 -0.31 0.00	26.82 -0.30 0.00	28.07 -0.40 0.00	29.31 -0.54 0.00	31.14 -0.51 0.00	33.99 -0.73 0.00	36.47 -0.63 0.00	37.61 -0.61 0.00	42.23 -0.69 0.00	45.12 -1.54 0.00	47.46 -1.82 0.00	54.83 -2.35 8.08	136.22 -3.36 -63.20	231.65 -3.50 -143.03	168.34 -2.50 -90.33	71.76 -1.84 0.00	72.23 -1.04 -18.62	46.61 0.05 0.00	39.19 -0.16 0.00	34.47 -0.45 0.00
OSWEGO___5 23606	30.23 -0.46 0.00	28.63 -0.50 0.00	26.74 -0.55 0.00	25.92 -0.61 0.00	25.36 -0.52 0.00	26.58 -0.54 0.00	27.96 -0.51 0.00	29.36 -0.48 0.00	31.01 -0.63 0.00	34.10 -0.62 0.00	36.50 -0.60 0.00	37.81 -0.42 0.00	42.49 -0.43 0.00	46.19 -0.47 0.00	49.04 -0.25 0.00	64.80 -0.45 0.00	77.86 -0.38 -1.87	106.22 -0.28 -14.37	85.53 -0.32 -5.34	73.30 -0.29 0.00	54.59 -0.05 0.00	46.33 -0.23 0.00	39.03 -0.32 0.00	34.47 -0.45 0.00
OSWEGO___6 23613	30.23 -0.46 0.00	28.63 -0.50 0.00	26.74 -0.55 0.00	25.92 -0.61 0.00	25.36 -0.52 0.00	26.58 -0.54 0.00	27.96 -0.51 0.00	29.36 -0.48 0.00	31.01 -0.63 0.00	34.10 -0.62 0.00	36.50 -0.60 0.00	37.81 -0.42 0.00	42.49 -0.43 0.00	46.19 -0.47 0.00	49.04 -0.25 0.00	64.80 -0.45 0.00	77.86 -0.38 -1.87	106.22 -0.28 -14.37	85.53 -0.32 -5.34	73.30 -0.29 0.00	54.59 -0.05 0.00	46.33 -0.23 0.00	39.03 -0.32 0.00	34.47 -0.45 0.00
OUTOKUMPU-AB___DRP 24206	31.42 0.74 0.00	30.15 1.02 0.00	27.77 0.49 0.00	26.88 0.34 0.00	26.29 0.41 0.00	27.47 0.35 0.00	29.21 0.74 0.00	30.86 1.01 0.00	31.99 0.35 0.00	35.38 0.66 0.00	37.47 0.37 0.00	39.45 1.22 0.00	44.46 1.55 0.00	47.92 1.26 0.00	51.45 2.17 0.00	67.02 1.76 0.00	81.52 2.90 -2.25	98.85 3.50 -3.22	86.91 3.14 -3.27	77.53 3.16 -0.77	58.35 2.95 -0.76	48.41 1.49 -0.35	40.73 1.38 0.00	35.62 0.70 0.00
OXBOW___ 24026	31.67 0.98 0.00	29.54 0.41 0.00	27.53 0.24 0.00	26.40 -0.13 0.00	25.96 0.08 0.00	27.20 0.08 0.00	28.73 0.26 0.00	30.14 0.30 0.00	31.58 -0.06 0.00	34.93 0.21 0.00	37.25 0.15 0.00	39.18 0.96 0.00	44.12 1.20 0.00	47.59 0.93 0.00	50.52 1.23 0.00	65.97 0.72 0.00	80.06 1.45 -2.24	97.08 1.75 -3.21	85.45 1.69 -3.25	76.20 1.84 -0.76	57.42 2.02 -0.75	47.61 0.70 -0.35	39.94 0.59 0.00	34.99 0.07 0.00
OXY_CHEM_DSASP 323612	30.50 -0.18 0.00	29.30 0.17 0.00	27.15 -0.14 0.00	26.32 -0.21 0.00	25.72 -0.16 0.00	26.71 -0.41 0.00	28.50 0.03 0.00	29.96 0.12 0.00	31.01 -0.63 0.00	34.30 -0.42 0.00	36.32 -0.78 0.00	38.15 -0.08 0.00	42.92 0.00 0.00	46.38 -0.28 0.00	49.83 0.54 0.00	64.80 -0.46 0.00	78.84 0.23 -2.24	95.50 0.18 -3.19	84.15 0.40 -3.24	75.16 0.81 -0.75	56.70 1.31 -0.74	47.00 0.09 -0.35	39.47 0.12 0.00	34.61 -0.31 0.00
OZONE_PARK_ESR 323760	33.45 2.76 0.00	31.28 2.16 0.00	29.49 2.21 0.00	28.79 2.26 0.00	27.92 2.04 0.00	29.31 2.20 0.00	30.86 2.39 0.00	32.50 2.66 0.00	34.75 3.10 0.00	38.19 3.47 0.00	40.62 3.52 0.00	41.63 3.40 0.00	46.74 3.82 0.00	51.18 4.53 0.00	54.21 4.93 0.00	72.50 7.24 0.00	88.60 8.63 -3.59	101.70 9.58 0.00	94.88 8.13 -6.25	85.15 6.33 -5.23	64.35 4.54 -5.17	52.33 3.35 -2.42	42.22 2.87 0.00	38.00 3.07 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.50 -0.18 0.00	29.30 0.17 0.00	27.15 -0.14 0.00	26.32 -0.21 0.00	25.72 -0.16 0.00	26.71 -0.41 0.00	28.50 0.03 0.00	29.96 0.12 0.00	31.01 -0.63 0.00	34.30 -0.42 0.00	36.32 -0.78 0.00	38.15 -0.08 0.00	42.92 0.00 0.00	46.38 -0.28 0.00	49.83 0.54 0.00	64.80 -0.46 0.00	78.84 0.23 -2.24	95.50 0.18 -3.19	84.15 0.40 -3.24	75.16 0.81 -0.75	56.70 1.31 -0.74	47.00 0.09 -0.35	39.47 0.12 0.00	34.61 -0.31 0.00
PACKARD__115KV_DUPONT_184 80571	30.50 -0.18 0.00	29.30 0.17 0.00	27.15 -0.14 0.00	26.32 -0.21 0.00	25.72 -0.16 0.00	26.71 -0.41 0.00	28.50 0.03 0.00	29.96 0.12 0.00	31.01 -0.63 0.00	34.30 -0.42 0.00	36.32 -0.78 0.00	38.15 -0.08 0.00	42.92 0.00 0.00	46.38 -0.28 0.00	49.83 0.54 0.00	64.80 -0.46 0.00	78.84 0.23 -2.24	95.50 0.18 -3.19	84.15 0.40 -3.24	75.16 0.81 -0.75	56.70 1.31 -0.74	47.00 0.09 -0.35	39.47 0.12 0.00	34.61 -0.31 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.37 2.67 -0.01	31.20 2.07 0.00	29.47 2.18 -0.01	28.76 2.23 0.00	27.85 1.97 0.00	29.12 2.01 0.00	30.61 2.14 0.00	32.17 2.33 0.00	34.37 2.72 0.00	37.77 3.06 0.01	40.18 3.08 0.00	41.09 2.87 0.00	45.96 3.05 0.00	50.25 3.59 0.00	53.13 3.84 0.00	71.06 5.81 0.00	87.07 7.10 -3.59	99.49 7.37 0.01	93.11 6.36 -6.25	83.67 4.86 -5.22	63.63 3.83 -5.17	51.30 2.33 -2.41	41.55 2.20 0.00	37.86 2.93 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.73 3.04 -0.01	31.52 2.39 0.00	29.80 2.51 -0.01	29.08 2.55 0.00	28.16 2.28 0.00	29.45 2.33 0.00	30.92 2.45 0.00	32.50 2.66 0.00	34.68 3.04 0.00	38.12 3.40 0.01	40.81 3.71 0.00	41.74 3.52 0.00	46.69 3.78 0.00	51.04 4.39 0.00	53.62 4.34 0.00	71.84 6.59 0.00	87.99 8.02 -3.59	100.68 8.57 0.01	94.16 7.41 -6.25	84.63 5.81 -5.22	64.34 4.54 -5.17	51.86 2.89 -2.41	42.03 2.68 0.00	38.28 3.35 -0.01
PATROON__115KV_TB1 80586	31.79 1.10 0.00	30.15 1.02 0.00	28.40 1.12 0.00	27.62 1.09 0.00	26.91 1.04 0.00	28.20 1.08 0.00	29.55 1.08 0.00	30.86 1.01 0.00	32.82 1.17 0.00	36.04 1.32 0.00	38.55 1.45 0.00	39.52 1.30 0.00	44.33 1.42 0.00	48.62 1.96 0.00	51.55 2.27 0.00	68.26 3.00 0.00	88.71 3.51 -8.82	96.09 3.96 0.00	99.30 3.46 -15.34	89.48 3.02 -12.87	69.62 2.24 -12.74	54.42 1.91 -5.95	40.81 1.46 0.00	36.28 1.36 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.55 0.86 0.00	30.21 1.08 0.00	27.75 0.46 0.00	26.88 0.34 0.00	26.29 0.41 0.00	27.55 0.43 0.00	29.27 0.80 0.00	31.01 1.16 0.00	32.28 0.63 0.00	35.73 1.01 0.00	38.03 0.93 0.00	40.02 1.80 0.00	45.15 2.23 0.00	48.94 2.29 0.00	52.59 3.30 0.00	68.71 3.46 0.00	83.53 4.89 -2.27	101.71 5.99 -3.60	89.01 5.07 -3.44	79.15 4.71 -0.85	59.47 3.99 -0.84	49.33 2.37 -0.39	41.08 1.73 0.00	35.90 0.98 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.11 2.42 0.00	31.17 2.04 0.00	29.36 2.07 0.00	28.60 2.07 0.00	27.77 1.89 0.00	29.07 1.95 0.00	30.43 1.96 0.00	32.14 2.30 0.00	34.27 2.63 0.00	37.60 2.88 0.00	40.25 3.15 0.00	41.09 2.87 0.00	46.44 3.52 0.00	50.95 4.29 0.00	54.26 4.98 0.00	72.17 6.92 0.00	88.36 8.32 -3.66	101.34 9.21 0.00	94.92 8.05 -6.37	85.47 6.55 -5.33	64.73 4.81 -5.27	52.66 3.63 -2.46	42.30 2.95 0.00	37.75 2.83 0.00
PEEKSKILL____ 23653	32.59 1.90 0.00	30.82 1.69 0.00	29.00 1.72 0.00	28.34 1.81 0.00	27.48 1.61 0.00	28.83 1.71 0.00	30.29 1.82 0.00	31.90 2.06 0.00	33.93 2.28 0.00	37.22 2.50 0.00	39.62 2.52 0.00	40.67 2.45 0.00	45.75 2.83 0.00	50.25 3.59 0.00	53.33 4.04 0.00	70.74 5.48 0.00	86.49 6.57 -3.55	99.31 7.19 0.00	92.78 6.12 -6.16	83.47 4.71 -5.16	63.14 3.39 -5.10	51.50 2.56 -2.38	41.51 2.16 0.00	37.19 2.27 0.00
PGE MADISON__WINDPWR 24146	33.48 2.79 0.00	31.69 2.56 0.00	29.35 2.07 0.00	28.39 1.86 0.00	28.00 2.12 0.00	29.45 2.33 0.00	31.00 2.53 0.00	32.29 2.45 0.00	34.05 2.40 0.00	37.19 2.47 0.00	39.92 2.82 0.00	41.51 3.29 0.00	46.78 3.86 0.00	51.04 4.38 0.00	55.00 5.71 0.00	72.95 7.70 0.00	86.85 9.01 -1.46	104.95 12.07 -0.76	94.44 11.19 -2.75	86.10 10.45 -2.06	65.37 8.69 -2.04	53.89 6.38 -0.95	43.80 4.45 0.00	38.24 3.32 0.00
PIERCEFIELD__HYD 23852	29.52 -1.17 0.00	28.08 -1.05 0.00	26.19 -1.09 0.00	25.50 -1.03 0.00	24.87 -1.01 0.00	26.06 -1.06 0.00	27.25 -1.22 0.00	28.56 -1.28 0.00	30.44 -1.20 0.00	33.19 -1.53 0.00	35.50 -1.60 0.00	36.54 -1.68 0.00	40.90 -2.02 0.00	44.23 -2.43 0.00	46.28 -3.01 0.00	48.29 -4.76 12.20	29.80 -6.57 40.00	11.84 -7.46 72.82	28.80 -6.12 45.58	68.59 -5.00 0.00	41.64 -3.55 9.45	44.42 -2.14 0.00	37.70 -1.65 0.00	33.46 -1.47 0.00
PINELAWN_CC_1 323563	34.59 3.16 -0.74	32.01 2.88 0.00	30.72 2.81 -0.62	29.29 2.76 0.00	28.39 2.51 0.00	29.95 2.82 -0.02	31.70 3.08 -0.15	33.10 3.25 0.00	35.19 3.54 0.00	38.68 3.96 0.00	40.33 3.23 0.00	41.48 3.25 0.00	47.20 3.05 -1.24	51.14 4.48 0.00	53.95 4.63 -0.03	70.67 5.41 0.00	86.46 6.49 -3.60	99.77 7.64 0.00	93.98 6.36 -7.12	84.27 4.56 -6.11	62.87 3.06 -5.17	51.97 2.98 -2.43	43.23 2.87 -1.01	40.36 3.77 -1.67
PJM_GEN_HTP_PROXY 323702	32.87 2.18 0.00	31.02 1.89 0.00	29.19 1.91 0.00	28.52 1.99 0.00	27.66 1.78 0.00	29.02 1.90 0.00	30.58 2.11 0.00	32.23 2.39 0.00	34.33 2.69 0.00	37.74 3.02 0.00	40.07 2.97 0.00	41.13 2.90 0.00	46.18 3.26 0.00	50.71 4.06 0.00	53.77 4.48 0.00	71.52 6.27 0.00	87.46 7.49 -3.59	100.23 8.11 0.00	93.59 6.84 -6.25	84.05 5.23 -5.23	63.48 3.66 -5.17	51.72 2.75 -2.42	41.71 2.36 0.00	37.54 2.62 0.00
PJM_GEN_KEystone 24065	31.76 1.07 0.00	30.00 0.87 0.00	26.60 0.74 1.42	25.00 0.66 2.20	25.10 0.65 1.43	26.60 0.68 1.20	29.35 0.88 0.00	30.95 1.10 0.00	32.72 1.08 0.00	35.84 1.29 0.16	38.21 1.22 0.11	39.67 1.53 0.09	44.34 1.80 0.37	48.16 2.19 0.69	51.19 2.71 0.81	67.37 3.39 1.27	81.71 4.27 -1.06	95.24 4.79 1.67	86.18 4.02 -1.65	77.40 3.16 -0.64	58.86 2.57 -1.65	48.93 1.63 -0.74	40.55 1.26 0.06	36.04 1.12 0.00
PJM_GEN_NEPTUNE_PROXY 323594	33.95 2.52 -0.74	31.40 2.27 0.00	30.17 2.26 -0.62	28.81 2.28 0.00	27.90 2.02 0.00	29.38 2.25 -0.02	31.09 2.48 -0.15	32.53 2.69 0.00	34.59 2.94 0.00	37.98 3.26 0.00	39.70 2.60 0.00	40.83 2.60 0.00	45.67 2.75 0.00	50.67 4.01 0.00	53.67 4.38 0.00	70.41 5.15 0.00	86.08 6.11 -3.60	99.12 7.00 0.00	92.47 5.72 -6.25	82.86 4.05 -5.22	62.60 2.79 -5.17	51.44 2.47 -2.42	41.78 2.44 0.01	39.59 3.00 -1.66
PJM_GEN_VFT_PROXY 323633	32.68 1.99 0.00	30.81 1.69 0.01	29.03 1.75 0.00	28.36 1.83 0.00	27.48 1.61 0.00	28.85 1.74 0.00	30.43 1.96 0.00	32.08 2.24 0.00	34.18 2.53 0.00	35.20 2.81 2.33	38.20 2.71 1.60	39.64 2.64 1.22	40.49 2.92 5.35	40.53 3.68 9.81	41.82 4.09 11.55	52.86 5.74 18.14	70.39 6.95 12.94	75.71 7.46 23.87	61.73 6.36 25.13	47.32 4.64 30.92	41.69 3.22 16.18	40.98 2.33 7.90	40.55 2.04 0.84	37.37 2.44 0.00
PLATSBURG_115KV_PMLD1 355749	30.69 0.00 0.00	29.13 0.00 0.00	27.12 -0.16 0.00	26.32 -0.21 0.00	25.59 -0.28 0.00	26.79 -0.33 0.00	28.04 -0.43 0.00	29.63 -0.21 0.00	31.74 0.09 0.00	33.78 -0.94 0.00	35.32 -1.78 0.00	36.16 -2.06 0.00	39.70 -3.22 0.00	42.97 -3.69 0.00	45.15 -4.14 0.00	44.63 -5.48 15.14	52.92 -7.18 16.27	58.84 -8.11 25.18	61.64 -5.39 13.47	69.33 -4.27 0.00	48.30 -3.55 2.79	43.81 -2.75 0.00	37.50 -1.85 0.00	34.26 -0.66 0.00
PLEASANTVLY__LBMP 24000	32.53 1.84 0.00	30.64 1.51 0.00	28.89 1.61 0.00	28.18 1.64 0.00	27.38 1.50 0.00	28.72 1.60 0.00	30.15 1.68 0.00	31.57 1.73 0.00	33.64 1.99 0.00	36.94 2.22 0.00	39.44 2.34 0.00	40.44 2.22 0.00	45.45 2.53 0.00	49.74 3.08 0.00	52.74 3.45 0.00	70.08 4.83 0.00	85.82 5.65 -3.80	98.30 6.17 0.00	92.42 5.31 -6.60	83.24 4.12 -5.53	63.12 3.01 -5.47	51.40 2.28 -2.55	41.28 1.93 0.00	36.98 2.06 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.87 2.18 0.00	30.88 1.75 0.00	29.14 1.86 0.00	28.39 1.86 0.00	27.59 1.71 0.00	28.93 1.82 0.00	30.43 1.96 0.00	31.99 2.15 0.00	34.11 2.47 0.00	37.46 2.74 0.00	39.96 2.86 0.00	40.98 2.75 0.00	46.09 3.18 0.00	50.48 3.83 0.00	53.52 4.24 0.00	71.26 6.00 0.00	87.03 7.03 -3.63	99.77 7.65 0.00	93.41 6.60 -6.30	84.10 5.23 -5.27	63.58 3.72 -5.22	51.75 2.75 -2.44	41.71 2.36 0.00	37.40 2.48 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.87 2.18 0.00	30.88 1.75 0.00	29.14 1.86 0.00	28.39 1.86 0.00	27.59 1.71 0.00	28.93 1.82 0.00	30.43 1.96 0.00	31.99 2.15 0.00	34.11 2.47 0.00	37.46 2.74 0.00	39.96 2.86 0.00	40.98 2.75 0.00	46.09 3.18 0.00	50.48 3.83 0.00	53.52 4.24 0.00	71.26 6.00 0.00	87.03 7.03 -3.63	99.77 7.65 0.00	93.41 6.60 -6.30	84.10 5.23 -5.27	63.58 3.72 -5.22	51.75 2.75 -2.44	41.71 2.36 0.00	37.40 2.48 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.81 2.12 0.00	30.90 1.78 0.00	29.11 1.83 0.00	28.36 1.83 0.00	27.54 1.66 0.00	28.83 1.71 0.00	30.26 1.79 0.00	31.66 1.82 0.00	33.77 2.12 0.00	37.08 2.36 0.00	39.70 2.60 0.00	40.71 2.48 0.00	45.79 2.88 0.00	50.16 3.50 0.00	53.28 3.99 0.00	70.87 5.61 0.00	86.64 6.49 -3.77	99.49 7.37 0.00	93.42 6.36 -6.56	84.24 5.15 -5.49	63.79 3.72 -5.43	51.89 2.79 -2.54	41.71 2.36 0.00	37.30 2.37 0.00
POLETTI____ 23519	33.05 2.36 0.00	30.93 1.81 0.00	29.19 1.91 0.00	28.47 1.94 0.00	27.61 1.73 0.00	28.99 1.87 0.00	30.52 2.05 0.00	32.14 2.30 0.00	34.34 2.69 0.00	37.71 2.99 0.00	40.10 3.01 0.00	41.09 2.87 0.00	46.14 3.22 0.00	50.53 3.87 0.00	53.47 4.19 0.00	71.45 6.20 0.00	87.37 7.41 -3.59	100.14 8.01 0.00	93.51 6.76 -6.25	83.90 5.08 -5.23	63.42 3.61 -5.17	51.63 2.65 -2.42	41.67 2.32 0.00	37.54 2.62 0.00
POMONA____ESR 323819	32.47 1.78 0.00	30.73 1.60 0.00	28.89 1.61 0.00	28.23 1.70 0.00	27.41 1.53 0.00	28.69 1.57 0.00	30.18 1.71 0.00	31.75 1.91 0.00	33.73 2.09 0.00	37.01 2.29 0.00	39.44 2.34 0.00	40.52 2.29 0.00	45.54 2.62 0.00	49.97 3.31 0.00	53.03 3.74 0.00	70.41 5.15 0.00	85.91 6.11 -3.43	98.76 6.64 0.00	92.10 5.63 -5.96	82.85 4.27 -4.98	62.64 3.06 -4.93	51.15 2.28 -2.30	41.28 1.93 0.00	36.98 2.06 0.00
PORT_JEFF_3 23555	34.68 3.25 -0.74	32.21 3.09 0.00	30.92 3.00 -0.63	29.50 2.97 0.00	28.57 2.69 0.00	30.15 3.01 -0.03	31.92 3.24 -0.20	33.10 3.25 0.00	35.10 3.45 0.00	38.54 3.82 0.00	40.10 3.00 0.00	41.21 2.98 0.00	46.92 2.96 -1.05	51.05 4.38 -0.01	55.27 4.63 -1.36	80.20 5.22 -9.73	106.79 6.26 -24.16	120.05 7.28 -20.65	123.95 5.96 -37.48	117.79 4.42 -39.78	62.82 3.00 -5.18	52.35 2.84 -2.94	44.31 2.91 -2.05	40.34 3.74 -1.67
PORT_JEFF_4 23616	34.68 3.25 -0.74	32.21 3.09 0.00	30.92 3.00 -0.63	29.50 2.97 0.00	28.57 2.69 0.00	30.15 3.01 -0.03	31.92 3.24 -0.20	33.10 3.25 0.00	35.10 3.45 0.00	38.54 3.82 0.00	40.10 3.00 0.00	41.21 2.98 0.00	46.92 2.96 -1.05	51.05 4.38 -0.01	55.27 4.63 -1.36	80.20 5.22 -9.73	106.79 6.26 -24.16	120.05 7.28 -20.65	123.95 5.96 -37.48	117.79 4.42 -39.78	62.82 3.00 -5.18	52.35 2.84 -2.94	44.31 2.91 -2.05	40.34 3.74 -1.67
PORT_JEFF_IC 23713	34.78 3.35 -0.74	32.30 3.18 0.00	31.00 3.08 -0.64	29.58 3.05 0.00	28.65 2.77 0.00	30.24 3.09 -0.03	32.04 3.36 -0.22	33.15 3.31 0.00	35.19 3.54 0.00	38.64 3.92 0.00	40.22 3.12 0.00	41.32 3.09 0.00	47.16 3.18 -1.07	51.34 4.67 -0.02	55.99 4.73 -1.97	83.70 5.35 -13.09	114.07 6.42 -31.28	127.48 7.56 -27.80	130.15 6.28 -43.36	133.59 4.56 -55.43	62.94 3.11 -5.18	52.73 2.98 -3.19	44.34 3.07 -1.91	40.48 3.88 -1.68
PPL PILGRIM_ST_GT1 24216	34.84 3.41 -0.74	32.25 3.12 0.00	30.96 3.05 -0.63	29.53 3.00 0.00	28.62 2.74 0.00	30.20 3.06 -0.02	31.93 3.30 -0.16	33.30 3.46 0.00	35.38 3.73 0.00	38.89 4.16 0.00	40.51 3.41 0.00	41.66 3.40 -0.03	55.77 3.56 -9.30	51.55 4.90 0.00	54.47 5.08 -0.11	71.00 5.74 0.00	86.84 6.88 -3.60	100.23 8.11 0.00	96.29 6.76 -9.02	86.50 4.86 -8.05	63.09 3.28 -5.17	52.37 3.35 -2.46	49.73 3.26 -7.12	40.57 3.98 -1.67
PPL PILGRIM_ST_GT2 24217	34.84 3.41 -0.74	32.25 3.12 0.00	30.96 3.05 -0.63	29.53 3.00 0.00	28.62 2.74 0.00	30.20 3.06 -0.02	31.93 3.30 -0.16	33.30 3.46 0.00	35.38 3.73 0.00	38.89 4.16 0.00	40.51 3.41 0.00	41.66 3.40 -0.03	55.77 3.56 -9.30	51.55 4.90 0.00	54.47 5.08 -0.11	71.00 5.74 0.00	86.84 6.88 -3.60	100.23 8.11 0.00	96.29 6.76 -9.02	86.50 4.86 -8.05	63.09 3.28 -5.17	52.37 3.35 -2.46	49.73 3.26 -7.12	40.57 3.98 -1.67
PPL_SHRM_GT3 24213	34.72 3.29 -0.74	32.56 3.44 0.00	31.27 3.35 -0.63	29.85 3.32 0.00	28.93 3.05 0.00	30.53 3.39 -0.03	32.32 3.65 -0.21	32.95 3.10 0.00	34.88 3.23 0.00	38.26 3.54 0.00	39.96 2.86 0.00	41.10 2.87 0.00	47.01 2.96 -1.14	51.20 4.52 -0.02	55.73 4.98 -1.47	82.41 5.48 -11.67	111.13 6.49 -28.27	124.83 7.92 -24.78	128.86 7.16 -41.20	121.56 5.30 -42.66	63.43 3.61 -5.18	52.76 3.21 -2.99	44.37 2.95 -2.07	40.34 3.74 -1.68
PPL_SHRM_GT4 24214	34.72 3.29 -0.74	32.56 3.44 0.00	31.27 3.35 -0.63	29.85 3.32 0.00	28.93 3.05 0.00	30.53 3.39 -0.03	32.32 3.65 -0.21	32.95 3.10 0.00	34.88 3.23 0.00	38.26 3.54 0.00	39.96 2.86 0.00	41.10 2.87 0.00	47.01 2.96 -1.14	51.20 4.52 -0.02	55.73 4.98 -1.47	82.41 5.48 -11.67	111.13 6.49 -28.27	124.83 7.92 -24.78	128.86 7.16 -41.20	121.56 5.30 -42.66	63.43 3.61 -5.18	52.76 3.21 -2.99	44.37 2.95 -2.07	40.34 3.74 -1.68
PROJECT___ORANGE 1 24174	30.50 -0.18 0.00	29.01 -0.12 0.00	27.04 -0.25 0.00	26.24 -0.29 0.00	25.65 -0.23 0.00	26.90 -0.22 0.00	28.33 -0.14 0.00	29.81 -0.03 0.00	31.39 -0.25 0.00	34.58 -0.14 0.00	37.03 -0.07 0.00	38.38 0.15 0.00	43.17 0.26 0.00	47.03 0.37 0.00	49.93 0.64 0.00	66.10 0.85 0.00	80.83 1.07 -3.39	101.43 1.57 -7.74	86.88 1.21 -5.17	74.70 1.10 0.00	56.48 1.04 -0.80	47.17 0.61 0.00	39.70 0.35 0.00	34.99 0.07 0.00
PROJECT___ORANGE 2 24166	30.50 -0.18 0.00	29.01 -0.12 0.00	27.04 -0.25 0.00	26.24 -0.29 0.00	25.65 -0.23 0.00	26.90 -0.22 0.00	28.33 -0.14 0.00	29.81 -0.03 0.00	31.39 -0.25 0.00	34.58 -0.14 0.00	37.03 -0.07 0.00	38.38 0.15 0.00	43.17 0.26 0.00	47.03 0.37 0.00	49.93 0.64 0.00	66.10 0.85 0.00	80.83 1.07 -3.39	101.43 1.57 -7.74	86.88 1.21 -5.17	74.70 1.10 0.00	56.48 1.04 -0.80	47.17 0.61 0.00	39.70 0.35 0.00	34.99 0.07 0.00
PUCKETT___SOLAR 323809	31.88 1.20 0.00	30.21 1.08 0.00	28.13 0.85 0.00	27.25 0.72 0.00	26.68 0.80 0.00	28.01 0.89 0.00	29.49 1.02 0.00	30.91 1.07 0.00	32.56 0.92 0.00	35.69 0.97 0.00	38.14 1.04 0.00	39.56 1.34 0.00	44.51 1.59 0.00	48.57 1.91 0.00	51.85 2.56 0.00	68.45 3.20 0.00	81.74 3.97 -1.40	98.12 5.34 -0.66	88.02 4.91 -2.61	80.20 4.64 -1.96	60.47 3.88 -1.94	50.21 2.75 -0.91	41.36 2.01 0.00	36.39 1.47 0.00
PYRITES___HYD 24023	30.07 -0.61 0.00	28.60 -0.52 0.00	26.68 -0.60 0.00	25.92 -0.61 0.00	25.36 -0.52 0.00	26.58 -0.54 0.00	27.82 -0.65 0.00	29.07 -0.78 0.00	30.98 -0.66 0.00	33.78 -0.94 0.00	36.28 -0.82 0.00	37.42 -0.80 0.00	41.93 -0.99 0.00	45.26 -1.40 0.00	47.36 -1.92 0.00	49.32 -3.39 12.54	33.81 -4.96 37.60	19.38 -5.53 67.22	34.07 -4.35 42.09	70.21 -3.39 0.00	43.68 -2.24 8.72	45.49 -1.07 0.00	38.48 -0.87 0.00	34.15 -0.77 0.00

QUAKERRD_115KV_BK1 80622	30.23 -0.46 0.00	28.87 -0.26 0.00	26.76 -0.52 0.00	25.92 -0.61 0.00	25.34 -0.54 0.00	26.55 -0.57 0.00	28.13 -0.34 0.00	29.63 -0.21 0.00	30.98 -0.66 0.00	34.20 -0.52 0.00	36.51 -0.59 0.00	38.07 -0.15 0.00	42.83 -0.09 0.00	46.66 0.00 0.00	49.68 0.39 0.00	65.38 0.13 0.00	79.41 0.84 -2.20	96.93 1.57 -3.24	84.81 1.21 -3.10	75.47 1.32 -0.55	56.44 1.26 -0.54	47.19 0.37 -0.25	39.39 0.04 0.00	34.54 -0.38 0.00
QUENSBRY_115KV_TB8 356137	32.68 1.99 0.00	30.96 1.84 0.00	29.14 1.86 0.00	28.26 1.72 0.00	27.59 1.71 0.00	28.96 1.84 0.00	30.46 1.99 0.00	31.87 2.03 0.00	33.86 2.22 0.00	37.19 2.47 0.00	39.44 2.34 0.00	40.67 2.45 0.00	45.66 2.75 0.00	50.20 3.55 0.00	53.43 4.14 0.00	70.87 5.61 0.00	94.77 6.87 -11.52	100.51 8.38 0.00	108.42 7.89 -20.02	97.84 7.43 -16.81	76.97 5.68 -16.64	59.08 4.75 -7.77	42.62 3.27 0.00	37.61 2.69 0.00
RAMAPO___LBMP 323565	32.50 1.81 0.00	30.58 1.46 0.00	28.81 1.53 0.00	28.10 1.57 0.00	27.30 1.42 0.00	28.61 1.49 0.00	30.09 1.62 0.00	31.60 1.76 0.00	33.67 2.03 0.00	36.91 2.19 0.00	39.40 2.30 0.00	40.44 2.22 0.00	45.45 2.53 0.00	49.74 3.08 0.00	52.74 3.45 0.00	70.21 4.96 0.00	85.59 5.80 -3.41	98.48 6.36 0.00	91.75 5.31 -5.93	82.60 4.05 -4.96	62.45 2.90 -4.91	51.00 2.14 -2.29	41.20 1.85 0.00	36.91 1.99 0.00
RANKINE____ 23646	31.58 0.89 0.00	30.29 1.17 0.00	27.83 0.55 0.00	26.96 0.42 0.00	26.37 0.49 0.00	27.61 0.49 0.00	29.32 0.85 0.00	31.07 1.22 0.00	32.25 0.60 0.00	35.73 1.01 0.00	37.99 0.89 0.00	39.94 1.72 0.00	45.02 2.10 0.00	48.76 2.10 0.00	52.39 3.10 0.00	68.32 3.07 0.00	82.99 4.35 -2.27	101.08 5.34 -3.62	88.59 4.67 -3.42	78.84 4.42 -0.83	59.29 3.83 -0.82	49.13 2.19 -0.38	41.04 1.69 0.00	35.80 0.87 0.00
RAVENSWOOD_GT2_1 24244	33.11 2.42 0.00	30.99 1.86 0.00	29.25 1.96 0.00	28.55 2.02 0.00	27.69 1.81 0.00	29.04 1.93 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.40 2.75 0.00	37.78 3.06 0.00	40.22 3.12 0.00	41.21 2.98 0.00	46.22 3.30 0.00	50.58 3.92 0.00	53.57 4.29 0.00	71.52 6.26 0.00	87.45 7.48 -3.59	100.23 8.11 0.00	93.59 6.84 -6.25	84.05 5.23 -5.23	63.59 3.77 -5.17	51.72 2.75 -2.42	41.75 2.40 0.00	37.61 2.69 0.00
RAVENSWOOD_GT2_2 24245	33.11 2.42 0.00	30.99 1.86 0.00	29.25 1.96 0.00	28.55 2.02 0.00	27.69 1.81 0.00	29.04 1.93 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.40 2.75 0.00	37.78 3.06 0.00	40.22 3.12 0.00	41.21 2.98 0.00	46.22 3.30 0.00	50.58 3.92 0.00	53.57 4.29 0.00	71.52 6.26 0.00	87.45 7.48 -3.59	100.23 8.11 0.00	93.59 6.84 -6.25	84.05 5.23 -5.23	63.59 3.77 -5.17	51.72 2.75 -2.42	41.75 2.40 0.00	37.61 2.69 0.00
RAVENSWOOD_GT2_3 24246	33.14 2.46 0.00	31.02 1.89 0.00	29.27 1.99 0.00	28.55 2.02 0.00	27.69 1.81 0.00	29.07 1.95 0.00	30.61 2.14 0.00	32.20 2.36 0.00	34.40 2.75 0.00	37.81 3.09 0.00	40.22 3.12 0.00	41.21 2.98 0.00	46.26 3.35 0.00	50.62 3.97 0.00	53.62 4.34 0.00	71.58 6.33 0.00	87.53 7.56 -3.59	100.32 8.20 0.00	93.67 6.92 -6.25	84.12 5.30 -5.23	63.64 3.83 -5.17	51.77 2.79 -2.42	41.79 2.44 0.00	37.65 2.72 0.00
RAVENSWOOD_GT2_4 24247	33.14 2.46 0.00	31.02 1.89 0.00	29.27 1.99 0.00	28.55 2.02 0.00	27.69 1.81 0.00	29.07 1.95 0.00	30.61 2.14 0.00	32.20 2.36 0.00	34.40 2.75 0.00	37.81 3.09 0.00	40.22 3.12 0.00	41.21 2.98 0.00	46.26 3.35 0.00	50.62 3.97 0.00	53.62 4.34 0.00	71.58 6.33 0.00	87.53 7.56 -3.59	100.32 8.20 0.00	93.67 6.92 -6.25	84.12 5.30 -5.23	63.64 3.83 -5.17	51.77 2.79 -2.42	41.79 2.44 0.00	37.65 2.72 0.00
RAVENSWOOD_GT3_1 24248	33.11 2.42 0.00	30.99 1.86 0.00	29.25 1.96 0.00	28.55 2.02 0.00	27.69 1.81 0.00	29.07 1.95 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.40 2.75 0.00	37.78 3.06 0.00	40.22 3.12 0.00	41.21 2.98 0.00	46.22 3.30 0.00	50.62 3.97 0.00	53.57 4.29 0.00	71.52 6.26 0.00	87.45 7.48 -3.59	100.23 8.11 0.00	93.67 6.92 -6.25	84.05 5.23 -5.23	63.59 3.77 -5.17	51.72 2.75 -2.42	41.75 2.40 0.00	37.61 2.69 0.00
RAVENSWOOD_GT3_2 24249	33.11 2.42 0.00	30.99 1.86 0.00	29.25 1.96 0.00	28.55 2.02 0.00	27.69 1.81 0.00	29.07 1.95 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.40 2.75 0.00	37.78 3.06 0.00	40.22 3.12 0.00	41.21 2.98 0.00	46.22 3.30 0.00	50.62 3.97 0.00	53.57 4.29 0.00	71.52 6.26 0.00	87.45 7.48 -3.59	100.23 8.11 0.00	93.67 6.92 -6.25	84.05 5.23 -5.23	63.59 3.77 -5.17	51.72 2.75 -2.42	41.75 2.40 0.00	37.61 2.69 0.00
RAVENSWOOD_GT3_3 24250	33.17 2.49 0.00	31.05 1.92 0.00	29.30 2.02 0.00	28.58 2.04 0.00	27.74 1.86 0.00	29.10 1.98 0.00	30.63 2.16 0.00	32.26 2.42 0.00	34.46 2.82 0.00	37.85 3.12 0.00	40.29 3.19 0.00	41.28 3.06 0.00	46.31 3.39 0.00	50.72 4.06 0.00	53.67 4.39 0.00	71.71 6.46 0.00	87.68 7.71 -3.59	100.51 8.38 0.00	93.83 7.08 -6.25	84.27 5.45 -5.23	63.70 3.88 -5.17	51.82 2.84 -2.42	41.83 2.48 0.00	37.68 2.76 0.00
RAVENSWOOD_GT3_4 24251	33.17 2.49 0.00	31.05 1.92 0.00	29.30 2.02 0.00	28.58 2.04 0.00	27.74 1.86 0.00	29.10 1.98 0.00	30.63 2.16 0.00	32.26 2.42 0.00	34.46 2.82 0.00	37.85 3.12 0.00	40.29 3.19 0.00	41.28 3.06 0.00	46.31 3.39 0.00	50.72 4.06 0.00	53.67 4.39 0.00	71.71 6.46 0.00	87.68 7.71 -3.59	100.51 8.38 0.00	93.83 7.08 -6.25	84.27 5.45 -5.23	63.70 3.88 -5.17	51.82 2.84 -2.42	41.83 2.48 0.00	37.68 2.76 0.00
RAVENSWOOD_GT_1 23729	33.12 2.42 -0.01	31.20 2.07 0.00	29.38 2.10 0.00	28.71 2.18 0.00	27.82 1.94 0.00	29.15 2.03 0.00	30.75 2.28 0.00	32.38 2.54 0.00	34.53 2.88 0.00	37.96 3.23 -0.01	40.29 3.19 0.00	41.32 3.09 0.00	46.18 3.26 0.00	50.67 4.01 0.00	53.62 4.34 0.00	73.43 6.20 -1.97	100.08 7.49 -16.22	100.05 7.92 0.00	93.68 6.92 -6.25	83.82 5.01 -5.22	63.27 3.44 -5.18	51.58 2.61 -2.41	41.75 2.40 0.00	37.79 2.86 0.00
RAVENSWOOD_GT_10 24258	33.11 2.42 0.00	30.99 1.86 0.00	29.25 1.96 0.00	28.52 1.99 0.00	27.69 1.81 0.00	29.07 1.95 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.40 2.75 0.00	37.78 3.06 0.00	40.22 3.12 0.00	41.21 2.98 0.00	46.22 3.30 0.00	50.62 3.97 0.00	53.57 4.29 0.00	71.58 6.33 0.00	87.45 7.48 -3.59	100.32 8.20 0.00	93.67 6.92 -6.25	84.12 5.30 -5.23	63.59 3.77 -5.17	51.72 2.75 -2.42	41.75 2.40 0.00	37.61 2.69 0.00
RAVENSWOOD_GT_11 24259	32.93 2.24 0.00	31.08 1.95 0.00	29.25 1.97 0.00	28.58 2.04 0.00	27.72 1.84 0.00	29.07 1.95 0.00	30.63 2.16 0.00	32.29 2.45 0.00	34.40 2.75 0.00	37.78 3.06 0.00	40.10 3.00 0.00	41.17 2.94 0.00	46.18 3.26 0.00	50.71 4.06 0.00	53.77 4.48 0.00	71.52 6.27 0.00	87.46 7.49 -3.59	100.32 8.20 0.00	93.75 7.00 -6.25	84.12 5.30 -5.23	63.54 3.72 -5.17	51.72 2.75 -2.42	41.75 2.40 0.00	37.61 2.69 0.00

RAVENSWOOD_GT_4 24252	33.08 2.39 0.01	30.99 1.86 0.00	29.25 1.96 0.00	28.52 1.99 0.00	27.69 1.81 0.00	29.04 1.93 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.37 2.72 0.00	37.77 3.06 0.01	40.18 3.08 0.00	41.21 2.98 0.00	46.22 3.30 0.00	50.67 4.01 0.00	53.67 4.39 0.00	73.15 6.39 -1.50	97.14 7.56 -13.21	100.42 8.29 0.00	93.76 7.00 -6.25	84.19 5.37 -5.22	63.65 3.83 -5.18	51.77 2.79 -2.41	41.79 2.44 0.00	37.61 2.69 0.00
RAVENSWOOD_GT_5 24254	33.08 2.39 0.01	30.99 1.86 0.00	29.25 1.96 0.00	28.52 1.99 0.00	27.69 1.81 0.00	29.04 1.93 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.37 2.72 0.00	37.77 3.06 0.01	40.18 3.08 0.00	41.21 2.98 0.00	46.22 3.30 0.00	50.67 4.01 0.00	53.67 4.39 0.00	73.15 6.39 -1.50	97.14 7.56 -13.21	100.42 8.29 0.00	93.76 7.00 -6.25	84.19 5.37 -5.22	63.65 3.83 -5.18	51.77 2.79 -2.41	41.79 2.44 0.00	37.61 2.69 0.00
RAVENSWOOD_GT_6 24253	33.08 2.39 0.01	30.99 1.86 0.00	29.25 1.96 0.00	28.52 1.99 0.00	27.69 1.81 0.00	29.04 1.93 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.37 2.72 0.00	37.77 3.06 0.01	40.18 3.08 0.00	41.21 2.98 0.00	46.22 3.30 0.00	50.67 4.01 0.00	53.67 4.39 0.00	73.15 6.39 -1.50	97.14 7.56 -13.21	100.42 8.29 0.00	93.76 7.00 -6.25	84.19 5.37 -5.22	63.65 3.83 -5.18	51.77 2.79 -2.41	41.79 2.44 0.00	37.61 2.69 0.00
RAVENSWOOD_GT_7 24255	33.08 2.39 0.01	30.99 1.86 0.00	29.25 1.96 0.00	28.52 1.99 0.00	27.69 1.81 0.00	29.04 1.93 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.37 2.72 0.00	37.77 3.06 0.01	40.18 3.08 0.00	41.21 2.98 0.00	46.22 3.30 0.00	50.67 4.01 0.00	53.67 4.39 0.00	73.15 6.39 -1.50	97.14 7.56 -13.21	100.42 8.29 0.00	93.76 7.00 -6.25	84.19 5.37 -5.22	63.65 3.83 -5.18	51.77 2.79 -2.41	41.79 2.44 0.00	37.61 2.69 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.11 2.42 0.00	30.99 1.86 0.00	29.25 1.96 0.00	28.52 1.99 0.00	27.69 1.81 0.00	29.07 1.95 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.40 2.75 0.00	37.78 3.06 0.00	40.22 3.12 0.00	41.21 2.98 0.00	46.22 3.30 0.00	50.62 3.97 0.00	53.57 4.29 0.00	71.58 6.33 0.00	87.45 7.48 -3.59	100.32 8.20 0.00	93.67 6.92 -6.25	84.12 5.30 -5.23	63.59 3.77 -5.17	51.72 2.75 -2.42	41.75 2.40 0.00	37.61 2.69 0.00
RAVENSWOOD_GT_9 24257	33.11 2.42 0.00	30.99 1.86 0.00	29.25 1.96 0.00	28.52 1.99 0.00	27.69 1.81 0.00	29.07 1.95 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.40 2.75 0.00	37.78 3.06 0.00	40.22 3.12 0.00	41.21 2.98 0.00	46.22 3.30 0.00	50.62 3.97 0.00	53.57 4.29 0.00	71.58 6.33 0.00	87.45 7.48 -3.59	100.32 8.20 0.00	93.67 6.92 -6.25	84.12 5.30 -5.23	63.59 3.77 -5.17	51.72 2.75 -2.42	41.75 2.40 0.00	37.61 2.69 0.00
RAVENSWOOD___1 23533	33.09 2.40 -0.01	31.17 2.04 0.00	29.35 2.07 0.00	28.68 2.15 0.00	27.79 1.92 0.00	29.12 2.01 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.50 2.85 0.00	37.92 3.19 -0.01	40.25 3.15 0.00	41.28 3.06 0.00	46.18 3.26 0.00	50.62 3.96 0.00	53.57 4.29 0.00	71.39 6.13 0.00	87.37 7.41 -3.59	99.94 7.83 0.01	93.59 6.84 -6.25	83.75 4.93 -5.22	63.20 3.39 -5.17	51.53 2.56 -2.41	41.75 2.40 0.00	37.75 2.83 0.00
RAVENSWOOD___2 23534	33.00 2.30 -0.01	31.11 1.98 0.00	29.27 1.99 0.00	28.63 2.10 0.00	27.72 1.84 0.00	29.07 1.95 0.00	30.66 2.19 0.00	32.29 2.45 0.00	34.43 2.79 0.00	37.86 3.13 -0.01	40.18 3.08 0.00	41.17 2.94 0.00	45.92 3.00 0.00	50.20 3.54 0.00	53.13 3.85 0.00	70.80 5.54 0.00	86.69 6.72 -3.59	99.03 6.91 0.01	92.79 6.04 -6.25	83.01 4.19 -5.22	62.70 2.89 -5.17	51.16 2.19 -2.41	41.67 2.32 0.00	37.68 2.76 0.00
RAVENSWOOD___3 23535	32.96 2.27 0.00	31.08 1.95 0.00	29.25 1.97 0.00	28.58 2.04 0.00	27.72 1.84 0.00	29.07 1.95 0.00	30.63 2.16 0.00	32.29 2.45 0.00	34.40 2.75 0.00	37.78 3.06 0.00	40.10 3.00 0.00	41.17 2.94 0.00	46.18 3.26 0.00	50.71 4.06 0.00	53.77 4.48 0.00	71.52 6.27 0.00	87.46 7.49 -3.59	100.23 8.11 0.00	93.68 6.92 -6.25	84.05 5.23 -5.23	63.48 3.66 -5.17	51.72 2.75 -2.42	41.75 2.40 0.00	37.61 2.69 0.00
RAVENSWOOD___4 23820	33.06 2.36 -0.01	31.14 2.01 0.00	29.33 2.05 0.00	28.65 2.12 0.00	27.77 1.89 0.00	29.10 1.98 0.00	30.69 2.22 0.00	32.32 2.48 0.00	34.46 2.82 0.00	37.92 3.19 -0.01	40.25 3.15 0.00	41.24 3.02 0.00	46.14 3.22 0.00	50.58 3.92 0.00	53.52 4.24 0.00	69.44 6.13 1.94	74.87 7.33 8.83	99.84 7.74 0.02	93.51 6.76 -6.24	83.67 4.86 -5.22	63.19 3.39 -5.15	51.48 2.51 -2.41	41.71 2.36 0.00	37.72 2.79 0.00
RCPL_TRUST___DRP 24196	33.08 2.39 0.00	30.99 1.86 0.00	29.25 1.96 0.00	28.52 1.99 0.00	27.69 1.81 0.00	29.07 1.95 0.00	30.61 2.14 0.00	32.23 2.39 0.00	34.43 2.78 0.00	37.85 3.12 0.00	40.25 3.15 0.00	41.28 3.06 0.00	46.35 3.43 0.00	50.76 4.11 0.00	53.77 4.48 0.00	71.71 6.46 0.00	87.60 7.64 -3.59	100.51 8.38 0.00	93.75 7.00 -6.25	84.19 5.37 -5.23	63.64 3.83 -5.17	51.82 2.84 -2.42	41.79 2.44 0.00	37.61 2.69 0.00
RED___ROCHESTER 323720	31.73 1.04 0.00	29.86 0.73 0.00	27.77 0.49 0.00	26.72 0.19 0.00	26.21 0.34 0.00	27.50 0.38 0.00	29.10 0.63 0.00	30.77 0.93 0.00	32.28 0.63 0.00	35.69 0.97 0.00	38.10 1.00 0.00	39.87 1.64 0.00	44.89 1.98 0.00	48.90 2.24 0.00	52.04 2.76 0.00	68.45 3.20 0.00	83.15 4.58 -2.20	101.40 6.08 -3.20	88.76 5.16 -3.10	79.18 5.01 -0.57	59.36 4.15 -0.57	49.43 2.61 -0.27	41.28 1.93 0.00	36.11 1.19 0.00
REGAN___SOLAR 323812	34.19 3.50 0.00	32.42 3.29 0.00	30.36 3.08 0.00	29.40 2.87 0.00	28.78 2.90 0.00	30.24 3.12 0.00	31.94 3.47 0.00	33.36 3.52 0.00	35.25 3.61 0.00	38.47 3.75 0.00	41.59 4.49 0.00	42.92 4.70 0.00	48.37 5.45 0.00	52.53 5.88 0.00	56.09 6.80 0.00	74.19 8.94 0.00	98.05 10.92 -10.76	106.49 14.37 0.00	112.24 13.04 -18.69	101.64 12.36 -15.68	79.73 9.56 -15.53	61.31 7.50 -7.25	44.58 5.23 0.00	39.15 4.22 0.00
RENSSELAER___COGEN 23796	31.58 0.89 0.00	30.00 0.87 0.00	28.26 0.98 0.00	27.51 0.98 0.00	26.78 0.91 0.00	28.07 0.95 0.00	29.41 0.94 0.00	30.71 0.87 0.00	32.63 0.98 0.00	35.80 1.08 0.00	38.21 1.11 0.00	39.10 0.88 0.00	43.82 0.90 0.00	48.10 1.45 0.00	51.06 1.77 0.00	67.34 2.09 0.00	86.67 2.52 -7.78	94.88 2.76 0.00	96.36 2.34 -13.52	87.07 2.14 -11.34	67.40 1.53 -11.23	53.20 1.40 -5.24	40.49 1.14 0.00	36.04 1.12 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.31 3.62 0.00	32.48 3.35 0.00	30.56 3.27 0.00	29.53 3.00 0.00	28.91 3.03 0.00	30.43 3.31 0.00	32.09 3.62 0.00	33.63 3.79 0.00	35.73 4.08 0.00	39.23 4.51 0.00	41.89 4.79 0.00	43.46 5.24 0.00	48.88 5.97 0.00	54.21 7.56 0.00	57.61 8.33 0.00	76.41 11.16 0.00	101.53 13.67 -11.48	109.07 16.95 0.00	115.68 15.22 -19.96	104.92 14.57 -16.75	82.26 11.04 -16.58	63.34 9.03 -7.74	45.49 6.14 0.00	39.78 4.85 0.00

REVERE_CPPR_DRP 24186	31.82 1.14 0.00	30.18 1.05 0.00	28.10 0.82 0.00	27.27 0.74 0.00	26.76 0.88 0.00	28.12 1.00 0.00	29.58 1.11 0.00	30.89 1.04 0.00	32.72 1.08 0.00	35.90 1.18 0.00	38.55 1.45 0.00	39.91 1.68 0.00	44.93 2.02 0.00	48.99 2.33 0.00	52.00 2.71 0.00	68.46 3.59 0.39	89.31 4.12 -8.82	117.45 5.62 -19.70	97.94 5.15 -12.28	78.31 4.71 0.00	61.04 3.93 -2.47	49.54 2.98 0.00	41.55 2.20 0.00	36.46 1.54 0.00
REYNOLDS_115KV_TB3 80639	31.89 1.20 0.00	30.21 1.08 0.00	28.51 1.23 0.00	27.73 1.19 0.00	27.02 1.14 0.00	28.28 1.17 0.00	29.64 1.17 0.00	30.89 1.04 0.00	32.88 1.23 0.00	36.08 1.35 0.00	38.58 1.48 0.00	39.52 1.30 0.00	44.38 1.46 0.00	48.62 1.96 0.00	51.55 2.27 0.00	68.19 2.94 0.00	88.04 3.44 -8.23	95.99 3.87 0.00	98.19 3.38 -14.31	88.54 2.94 -12.00	68.71 2.19 -11.88	53.92 1.82 -5.55	40.85 1.50 0.00	36.39 1.47 0.00
RIVERBAY____ 323610	33.73 3.04 -0.01	31.52 2.39 0.00	29.80 2.51 -0.01	29.08 2.55 0.00	28.16 2.28 0.00	29.45 2.33 0.00	30.92 2.45 0.00	32.50 2.66 0.00	34.68 3.04 0.00	38.12 3.40 0.01	40.81 3.71 0.00	41.74 3.52 0.00	46.69 3.78 0.00	51.04 4.39 0.00	53.62 4.34 0.00	71.84 6.59 0.00	87.99 8.02 -3.59	100.68 8.57 0.01	94.16 7.41 -6.25	84.63 5.81 -5.22	64.34 4.54 -5.17	51.86 2.89 -2.41	42.03 2.68 0.00	38.28 3.35 -0.01
RIVERSDE_115KV_TB3 55908	31.79 1.10 0.00	30.12 0.99 0.00	28.40 1.12 0.00	27.65 1.11 0.00	26.94 1.06 0.00	28.20 1.08 0.00	29.55 1.08 0.00	30.83 0.98 0.00	32.82 1.17 0.00	36.01 1.28 0.00	38.51 1.41 0.00	39.45 1.22 0.00	44.29 1.37 0.00	48.52 1.87 0.00	51.45 2.17 0.00	68.06 2.81 0.00	88.08 3.36 -8.34	95.81 3.68 0.00	98.22 3.22 -14.50	88.63 2.87 -12.16	68.81 2.13 -12.04	53.95 1.77 -5.62	40.77 1.42 0.00	36.28 1.36 0.00
ROARING__BROOK_WT_PWR 323790	30.32 -0.37 0.00	28.72 -0.41 0.00	26.87 -0.41 0.00	26.13 -0.40 0.00	25.52 -0.36 0.00	26.79 -0.32 0.00	28.16 -0.31 0.00	29.57 -0.27 0.00	31.49 -0.16 0.00	34.62 -0.10 0.00	36.95 -0.15 0.00	37.96 -0.27 0.00	42.49 -0.43 0.00	46.10 -0.56 0.00	48.70 -0.59 0.00	66.47 -0.78 -2.00	74.26 -1.68 0.43	85.68 -1.75 4.69	76.16 -1.37 2.97	72.42 -1.18 0.00	53.04 -0.98 0.62	45.72 -0.84 0.00	38.56 -0.79 0.00	34.15 -0.77 0.00
ROCHESRG_115KV_T4 355643	31.00 0.31 0.00	29.65 0.52 0.00	27.42 0.14 0.00	26.56 0.03 0.00	25.98 0.10 0.00	27.23 0.11 0.00	28.84 0.37 0.00	30.53 0.69 0.00	31.84 0.19 0.00	35.17 0.45 0.00	37.47 0.37 0.00	39.14 0.92 0.00	44.08 1.16 0.00	47.92 1.26 0.00	51.16 1.87 0.00	67.15 1.89 0.00	81.54 2.98 -2.19	99.33 4.05 -3.15	86.97 3.38 -3.08	77.62 3.46 -0.57	58.16 2.95 -0.56	48.50 1.68 -0.26	40.57 1.22 0.00	35.52 0.59 0.00
ROCHESTER_9_IC 23652	31.24 0.55 0.00	29.86 0.73 0.00	27.61 0.33 0.00	26.74 0.21 0.00	26.14 0.26 0.00	27.39 0.27 0.00	29.04 0.57 0.00	30.77 0.93 0.00	32.09 0.44 0.00	35.45 0.73 0.00	37.80 0.70 0.00	39.49 1.26 0.00	44.46 1.55 0.00	48.38 1.73 0.00	51.65 2.37 0.00	67.80 2.54 0.00	82.39 3.82 -2.20	100.49 5.16 -3.20	87.96 4.35 -3.10	78.51 4.34 -0.57	58.82 3.61 -0.57	49.01 2.19 -0.27	40.96 1.61 0.00	35.87 0.94 0.00
ROCKVIEW_13_KV_LD 356306	33.05 2.36 0.00	31.02 1.89 0.00	29.25 1.96 0.00	28.52 1.99 0.00	27.72 1.84 0.00	29.07 1.95 0.00	30.58 2.11 0.00	32.20 2.36 0.00	34.34 2.69 0.00	37.71 2.99 0.00	40.18 3.08 0.00	41.24 3.02 0.00	46.39 3.48 0.00	50.81 4.15 0.00	53.87 4.58 0.00	71.78 6.53 0.00	87.68 7.71 -3.59	100.51 8.38 0.00	94.00 7.25 -6.25	84.49 5.67 -5.23	63.86 4.04 -5.17	51.96 2.98 -2.42	41.91 2.56 0.00	37.58 2.65 0.00
ROME____115KV_TB2 80656	31.82 1.14 0.00	30.18 1.05 0.00	28.10 0.82 0.00	27.27 0.74 0.00	26.76 0.88 0.00	28.12 1.00 0.00	29.58 1.11 0.00	30.89 1.04 0.00	32.72 1.08 0.00	35.90 1.18 0.00	38.55 1.45 0.00	39.91 1.68 0.00	44.93 2.02 0.00	48.99 2.33 0.00	52.00 2.71 0.00	68.46 3.59 0.39	89.31 4.12 -8.82	117.45 5.62 -19.70	97.94 5.15 -12.28	78.31 4.71 0.00	61.04 3.93 -2.47	49.54 2.98 0.00	41.55 2.20 0.00	36.46 1.54 0.00
ROSETON__1 23587	32.38 1.69 0.00	30.64 1.51 0.00	28.84 1.55 0.00	28.15 1.62 0.00	27.35 1.47 0.00	28.66 1.54 0.00	30.12 1.65 0.00	31.60 1.76 0.00	33.61 1.96 0.00	36.87 2.15 0.00	39.29 2.19 0.00	40.33 2.10 0.00	45.32 2.40 0.00	49.73 3.08 0.00	52.73 3.45 0.00	69.82 4.57 0.00	85.37 5.42 -3.57	98.02 5.90 0.00	91.71 4.99 -6.21	82.69 3.90 -5.19	62.63 2.84 -5.14	51.15 2.19 -2.40	41.20 1.85 0.00	36.88 1.95 0.00
ROSETON__2 23588	32.38 1.69 0.00	30.64 1.51 0.00	28.84 1.55 0.00	28.15 1.62 0.00	27.35 1.47 0.00	28.66 1.54 0.00	30.12 1.65 0.00	31.60 1.76 0.00	33.61 1.96 0.00	36.87 2.15 0.00	39.29 2.19 0.00	40.33 2.10 0.00	45.32 2.40 0.00	49.73 3.08 0.00	52.73 3.45 0.00	69.82 4.57 0.00	85.37 5.42 -3.57	98.02 5.90 0.00	91.71 4.99 -6.21	82.69 3.90 -5.19	62.63 2.84 -5.14	51.15 2.19 -2.40	41.20 1.85 0.00	36.88 1.95 0.00
ROTTTRDAM_115KV_TB3 80664	32.10 1.41 0.00	30.44 1.31 0.00	28.65 1.36 0.00	27.83 1.30 0.00	27.15 1.27 0.00	28.45 1.33 0.00	29.87 1.40 0.00	31.18 1.34 0.00	33.13 1.49 0.00	36.35 1.63 0.00	38.88 1.78 0.00	39.98 1.76 0.00	44.89 1.97 0.00	49.18 2.52 0.00	52.14 2.86 0.00	69.04 3.78 0.00	93.04 4.51 -12.16	97.37 5.25 0.00	106.31 4.67 -21.13	95.53 4.19 -17.74	75.37 3.17 -17.56	57.28 2.51 -8.20	41.24 1.89 0.00	36.67 1.75 0.00
RUSSELL__1 23602	31.42 0.74 0.00	30.03 0.90 0.00	27.77 0.49 0.00	26.88 0.34 0.00	26.27 0.39 0.00	27.52 0.41 0.00	29.21 0.74 0.00	30.95 1.10 0.00	32.28 0.63 0.00	35.69 0.97 0.00	38.03 0.93 0.00	39.75 1.53 0.00	44.81 1.89 0.00	48.76 2.10 0.00	52.09 2.81 0.00	68.39 3.13 0.00	83.08 4.51 -2.20	101.41 6.08 -3.20	88.68 5.07 -3.10	79.18 5.00 -0.57	59.31 4.10 -0.57	49.43 2.61 -0.27	41.28 1.93 0.00	36.11 1.19 0.00
RUSSELL__2 23532	31.42 0.74 0.00	30.03 0.90 0.00	27.77 0.49 0.00	26.88 0.34 0.00	26.27 0.39 0.00	27.52 0.41 0.00	29.21 0.74 0.00	30.95 1.10 0.00	32.28 0.63 0.00	35.69 0.97 0.00	38.03 0.93 0.00	39.75 1.53 0.00	44.81 1.89 0.00	48.76 2.10 0.00	52.09 2.81 0.00	68.39 3.13 0.00	83.08 4.51 -2.20	101.41 6.08 -3.20	88.68 5.07 -3.10	79.18 5.00 -0.57	59.31 4.10 -0.57	49.43 2.61 -0.27	41.28 1.93 0.00	36.11 1.19 0.00
RUSSELL__3 23549	31.42 0.74 0.00	30.03 0.90 0.00	27.77 0.49 0.00	26.88 0.34 0.00	26.27 0.39 0.00	27.52 0.41 0.00	29.21 0.74 0.00	30.95 1.10 0.00	32.28 0.63 0.00	35.69 0.97 0.00	38.03 0.93 0.00	39.75 1.53 0.00	44.81 1.89 0.00	48.76 2.10 0.00	52.09 2.81 0.00	68.39 3.13 0.00	83.08 4.51 -2.20	101.41 6.08 -3.20	88.68 5.07 -3.10	79.18 5.00 -0.57	59.31 4.10 -0.57	49.43 2.61 -0.27	41.28 1.93 0.00	36.11 1.19 0.00

RUSSELL___4 23556	31.42 0.74 0.00	30.03 0.90 0.00	27.77 0.49 0.00	26.88 0.34 0.00	26.27 0.39 0.00	27.52 0.41 0.00	29.21 0.74 0.00	30.95 1.10 0.00	32.28 0.63 0.00	35.69 0.97 0.00	38.03 0.93 0.00	39.75 1.53 0.00	44.81 1.89 0.00	48.76 2.10 0.00	52.09 2.81 0.00	68.39 3.13 0.00	83.08 4.51 -2.20	101.41 6.08 -3.20	88.68 5.07 -3.10	79.18 5.00 -0.57	59.31 4.10 -0.57	49.43 2.61 -0.27	41.28 1.93 0.00	36.11 1.19 0.00
RUSSELL___STATION 23914	31.42 0.74 0.00	30.03 0.90 0.00	27.77 0.49 0.00	26.88 0.34 0.00	26.27 0.39 0.00	27.52 0.41 0.00	29.21 0.74 0.00	30.95 1.10 0.00	32.28 0.63 0.00	35.69 0.97 0.00	38.03 0.93 0.00	39.75 1.53 0.00	44.81 1.89 0.00	48.76 2.10 0.00	52.09 2.81 0.00	68.39 3.13 0.00	83.08 4.51 -2.20	101.41 6.08 -3.20	88.68 5.07 -3.10	79.18 5.00 -0.57	59.31 4.10 -0.57	49.43 2.61 -0.27	41.28 1.93 0.00	36.11 1.19 0.00
S SALMON___HYD 24043	30.72 0.03 0.00	29.10 -0.03 0.00	27.12 -0.16 0.00	26.29 -0.24 0.00	25.78 -0.10 0.00	27.04 -0.08 0.00	28.44 -0.03 0.00	29.72 -0.12 0.00	31.39 -0.25 0.00	34.44 -0.28 0.00	36.92 -0.18 0.00	38.30 0.08 0.00	43.09 0.17 0.00	46.56 -0.09 0.00	49.58 0.30 0.00	64.38 0.26 1.13	86.98 0.23 -10.37	119.01 0.73 -26.15	96.88 0.89 -15.49	74.55 0.95 0.00	58.64 1.04 -2.96	47.58 1.02 0.00	39.94 0.59 0.00	35.13 0.21 0.00
S.PERRY___115KV_TB1 80734	32.41 1.72 0.00	30.99 1.86 0.00	28.56 1.28 0.00	27.62 1.09 0.00	27.04 1.16 0.00	28.37 1.25 0.00	30.01 1.54 0.00	31.54 1.70 0.00	32.63 0.98 0.00	35.87 1.15 0.00	38.29 1.19 0.00	38.99 0.76 0.00	43.82 0.90 0.00	47.64 0.98 0.00	49.73 0.44 0.00	65.45 0.20 0.00	79.22 0.53 -2.31	97.82 2.03 -3.67	86.49 2.50 -3.49	77.62 3.16 -0.86	58.83 3.33 -0.85	48.91 1.96 -0.40	41.75 2.40 0.00	37.16 2.24 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.27 0.58 0.00	30.03 0.90 0.00	27.61 0.33 0.00	26.74 0.21 0.00	26.14 0.26 0.00	27.36 0.24 0.00	29.07 0.60 0.00	30.74 0.90 0.00	31.87 0.22 0.00	35.28 0.56 0.00	37.47 0.37 0.00	39.41 1.18 0.00	44.38 1.46 0.00	48.06 1.40 0.00	51.60 2.32 0.00	67.21 1.96 0.00	81.68 3.05 -2.25	99.21 3.87 -3.22	87.16 3.38 -3.28	77.77 3.39 -0.79	58.54 3.11 -0.78	48.55 1.63 -0.36	40.57 1.22 0.00	35.45 0.52 0.00
SAWYER___23_KV_LOAD 55526	31.27 0.58 0.00	30.03 0.90 0.00	27.61 0.33 0.00	26.74 0.21 0.00	26.14 0.26 0.00	27.36 0.24 0.00	29.07 0.60 0.00	30.74 0.90 0.00	31.87 0.22 0.00	35.28 0.56 0.00	37.47 0.37 0.00	39.41 1.18 0.00	44.38 1.46 0.00	48.06 1.40 0.00	51.60 2.32 0.00	67.21 1.96 0.00	81.68 3.05 -2.25	99.21 3.87 -3.22	87.16 3.38 -3.28	77.77 3.39 -0.79	58.54 3.11 -0.78	48.55 1.63 -0.36	40.57 1.22 0.00	35.45 0.52 0.00
SELKIRK___I 23801	31.92 1.23 0.00	30.38 1.25 0.00	28.56 1.28 0.00	27.81 1.27 0.00	27.10 1.22 0.00	28.37 1.25 0.00	29.75 1.28 0.00	31.00 1.16 0.00	32.91 1.27 0.00	36.11 1.39 0.00	38.55 1.45 0.00	39.41 1.19 0.00	44.20 1.29 0.00	48.52 1.87 0.00	51.45 2.17 0.00	67.93 2.68 0.00	86.13 3.13 -6.62	95.62 3.50 0.00	95.15 3.14 -11.51	86.19 2.95 -9.65	66.44 2.24 -9.56	53.07 2.05 -4.46	40.96 1.61 0.00	36.42 1.50 0.00
SELKIRK___II 23799	31.70 1.01 0.00	30.15 1.02 0.00	28.37 1.09 0.00	27.62 1.09 0.00	26.89 1.01 0.00	28.17 1.06 0.00	29.52 1.05 0.00	30.83 0.98 0.00	32.72 1.08 0.00	35.90 1.18 0.00	38.32 1.22 0.00	38.99 0.76 0.00	43.77 0.86 0.00	48.01 1.35 0.00	50.91 1.62 0.00	67.21 1.96 0.00	85.58 2.29 -6.92	94.52 2.39 0.00	94.61 2.09 -12.02	85.66 1.99 -10.08	66.04 1.42 -9.98	52.75 1.53 -4.66	40.61 1.26 0.00	36.14 1.22 0.00
SENECA OSWGO___HYD 24041	30.41 -0.28 0.00	28.81 -0.32 0.00	26.87 -0.41 0.00	26.06 -0.48 0.00	25.49 -0.39 0.00	26.74 -0.38 0.00	28.13 -0.34 0.00	29.51 -0.33 0.00	31.17 -0.47 0.00	34.27 -0.45 0.00	36.73 -0.37 0.00	38.07 -0.15 0.00	42.83 -0.09 0.00	46.56 -0.09 0.00	49.43 0.15 0.00	65.45 0.20 0.00	80.57 0.31 -3.89	104.94 0.65 -12.17	87.80 0.57 -6.73	74.11 0.52 0.00	56.20 0.60 -0.95	46.79 0.23 0.00	39.39 0.04 0.00	34.75 -0.17 0.00
SENECA___115KV_TB3 355854	31.64 0.95 0.00	30.35 1.22 0.00	27.88 0.60 0.00	27.01 0.48 0.00	26.40 0.52 0.00	27.66 0.54 0.00	29.38 0.91 0.00	31.10 1.25 0.00	32.31 0.66 0.00	35.80 1.08 0.00	38.06 0.96 0.00	40.02 1.80 0.00	45.15 2.23 0.00	48.90 2.24 0.00	52.49 3.20 0.00	68.52 3.26 0.00	83.14 4.51 -2.27	101.27 5.53 -3.62	88.76 4.83 -3.42	78.98 4.56 -0.83	59.40 3.93 -0.82	49.22 2.28 -0.38	41.12 1.77 0.00	35.87 0.94 0.00
SENECA___ENERGY 23797	31.09 0.40 0.00	29.39 0.26 0.00	27.34 0.05 0.00	26.43 -0.11 0.00	25.91 0.03 0.00	27.20 0.08 0.00	28.70 0.23 0.00	30.29 0.45 0.00	31.90 0.25 0.00	35.10 0.38 0.00	37.55 0.45 0.00	39.06 0.84 0.00	43.99 1.07 0.00	47.82 1.17 0.00	50.91 1.62 0.00	67.28 2.03 0.00	81.73 2.67 -2.69	102.26 3.78 -6.36	88.17 3.30 -4.37	77.24 3.02 -0.62	58.37 2.57 -1.16	48.48 1.63 -0.29	40.45 1.10 0.00	35.58 0.66 0.00
SHOEMAKER___GT 23640	32.22 1.53 0.00	30.53 1.40 0.00	28.67 1.39 0.00	27.96 1.43 0.00	27.17 1.29 0.00	28.45 1.33 0.00	29.89 1.42 0.00	31.33 1.49 0.00	33.29 1.64 0.00	36.53 1.80 0.00	38.92 1.82 0.00	40.02 1.80 0.00	44.98 2.06 0.00	49.36 2.70 0.00	52.34 3.06 0.00	69.37 4.11 0.00	84.52 4.96 -3.19	97.56 5.43 0.00	90.80 4.75 -5.54	81.98 3.75 -4.64	61.96 2.73 -4.59	50.80 2.10 -2.14	41.12 1.77 0.00	36.70 1.78 0.00
SHOEMAKR_138KV_BK 111 55601	32.28 1.60 0.00	30.44 1.31 0.00	28.65 1.36 0.00	27.91 1.38 0.00	27.12 1.24 0.00	28.42 1.30 0.00	29.84 1.37 0.00	31.27 1.43 0.00	33.29 1.65 0.00	36.53 1.81 0.00	38.99 1.89 0.00	40.06 1.83 0.00	45.02 2.10 0.00	49.22 2.57 0.00	52.24 2.96 0.00	69.36 4.11 0.00	84.42 4.89 -3.16	97.56 5.44 0.00	90.67 4.67 -5.49	81.87 3.68 -4.59	61.92 2.73 -4.55	50.73 2.05 -2.12	41.04 1.69 0.00	36.67 1.75 0.00
SHOREHAM_IC_1 23715	34.72 3.29 -0.74	32.56 3.44 0.00	31.27 3.35 -0.63	29.85 3.32 0.00	28.93 3.05 0.00	30.53 3.39 -0.03	32.32 3.65 -0.21	32.95 3.10 0.00	34.88 3.23 0.00	38.26 3.54 0.00	39.96 2.86 0.00	41.10 2.87 0.00	47.01 2.96 -1.14	51.20 4.52 -0.02	55.73 4.98 -1.47	82.41 5.48 -11.67	111.13 6.49 -28.27	124.83 7.92 -24.78	128.86 7.16 -41.20	121.56 5.30 -42.66	63.43 3.61 -5.18	52.76 3.21 -2.99	44.37 2.95 -2.07	40.34 3.74 -1.68
SHOREHAM_IC_2 23716	34.72 3.29 -0.74	32.56 3.44 0.00	31.27 3.35 -0.63	29.85 3.32 0.00	28.93 3.05 0.00	30.53 3.39 -0.03	32.32 3.65 -0.21	32.95 3.10 0.00	34.88 3.23 0.00	38.26 3.54 0.00	39.96 2.86 0.00	41.10 2.87 0.00	47.01 2.96 -1.14	51.20 4.52 -0.02	55.73 4.98 -1.47	82.41 5.48 -11.67	111.13 6.49 -28.27	124.83 7.92 -24.78	128.86 7.16 -41.20	121.56 5.30 -42.66	63.43 3.61 -5.18	52.76 3.21 -2.99	44.37 2.95 -2.07	40.34 3.74 -1.68

SISSONVILLE____ 23735	29.52 -1.17 0.00	28.08 -1.05 0.00	26.19 -1.09 0.00	25.50 -1.03 0.00	24.87 -1.01 0.00	26.06 -1.06 0.00	27.25 -1.22 0.00	28.56 -1.28 0.00	30.44 -1.20 0.00	33.19 -1.53 0.00	35.50 -1.60 0.00	36.54 -1.68 0.00	40.90 -2.02 0.00	44.23 -2.43 0.00	46.28 -3.01 0.00	48.29 -4.76 12.20	29.80 -6.57 40.00	11.84 -7.46 72.82	28.80 -6.12 45.58	68.59 -5.00 0.00	41.64 -3.55 9.45	44.42 -2.14 0.00	37.70 -1.65 0.00	33.46 -1.47 0.00
SITHE_IND_GS1 24169	29.86 -0.83 0.00	28.28 -0.85 0.00	26.44 -0.85 0.00	25.63 -0.90 0.00	25.08 -0.80 0.00	26.28 -0.84 0.00	27.62 -0.85 0.00	29.01 -0.84 0.00	30.67 -0.98 0.00	33.71 -1.01 0.00	36.06 -1.04 0.00	37.31 -0.92 0.00	41.97 -0.94 0.00	45.63 -1.03 0.00	48.40 -0.89 0.00	63.95 -1.30 0.00	75.00 -1.37 0.00	75.73 -1.57 14.82	75.22 -1.37 3.92	72.34 -1.25 0.00	53.88 -0.77 0.00	45.72 -0.84 0.00	38.52 -0.83 0.00	34.05 -0.87 0.00
SITHE_IND_GS2 24170	29.86 -0.83 0.00	28.28 -0.85 0.00	26.44 -0.85 0.00	25.63 -0.90 0.00	25.08 -0.80 0.00	26.28 -0.84 0.00	27.62 -0.85 0.00	29.01 -0.84 0.00	30.67 -0.98 0.00	33.71 -1.01 0.00	36.06 -1.04 0.00	37.31 -0.92 0.00	41.97 -0.94 0.00	45.63 -1.03 0.00	48.40 -0.89 0.00	63.95 -1.30 0.00	75.00 -1.37 0.00	75.73 -1.57 14.82	75.22 -1.37 3.92	72.34 -1.25 0.00	53.88 -0.77 0.00	45.72 -0.84 0.00	38.52 -0.83 0.00	34.05 -0.87 0.00
SITHE_IND_GS3 24171	29.86 -0.83 0.00	28.28 -0.85 0.00	26.44 -0.85 0.00	25.63 -0.90 0.00	25.08 -0.80 0.00	26.28 -0.84 0.00	27.62 -0.85 0.00	29.01 -0.84 0.00	30.67 -0.98 0.00	33.71 -1.01 0.00	36.06 -1.04 0.00	37.31 -0.92 0.00	41.97 -0.94 0.00	45.63 -1.03 0.00	48.40 -0.89 0.00	63.95 -1.30 0.00	75.00 -1.37 0.00	75.73 -1.57 14.82	75.22 -1.37 3.92	72.34 -1.25 0.00	53.88 -0.77 0.00	45.72 -0.84 0.00	38.52 -0.83 0.00	34.05 -0.87 0.00
SITHE_IND_GS4 24172	29.86 -0.83 0.00	28.28 -0.85 0.00	26.44 -0.85 0.00	25.63 -0.90 0.00	25.08 -0.80 0.00	26.28 -0.84 0.00	27.62 -0.85 0.00	29.01 -0.84 0.00	30.67 -0.98 0.00	33.71 -1.01 0.00	36.06 -1.04 0.00	37.31 -0.92 0.00	41.97 -0.94 0.00	45.63 -1.03 0.00	48.40 -0.89 0.00	63.95 -1.30 0.00	75.00 -1.37 0.00	75.73 -1.57 14.82	75.22 -1.37 3.92	72.34 -1.25 0.00	53.88 -0.77 0.00	45.72 -0.84 0.00	38.52 -0.83 0.00	34.05 -0.87 0.00
SITHE____BATAVIA 24024	32.19 1.50 0.00	30.29 1.17 0.00	28.02 0.74 0.00	26.88 0.34 0.00	26.42 0.54 0.00	27.71 0.60 0.00	29.38 0.91 0.00	31.00 1.16 0.00	32.40 0.76 0.00	35.80 1.08 0.00	38.29 1.19 0.00	40.29 2.06 0.00	45.36 2.44 0.00	49.08 2.42 0.00	52.44 3.16 0.00	68.71 3.46 0.00	83.72 5.12 -2.23	102.08 6.72 -3.23	89.58 5.87 -3.20	413.65 5.89 -334.16	60.18 4.86 -0.68	49.90 3.02 -0.32	41.71 2.36 0.00	36.39 1.47 0.00
SITHE____INDEPEND 23800	29.77 -0.92 0.00	28.31 -0.82 0.00	26.44 -0.85 0.00	25.68 -0.85 0.00	25.08 -0.80 0.00	26.28 -0.84 0.00	27.64 -0.83 0.00	29.07 -0.78 0.00	30.67 -0.98 0.00	33.71 -1.01 0.00	36.06 -1.04 0.00	37.31 -0.92 0.00	41.93 -0.99 0.00	45.63 -1.03 0.00	48.35 -0.94 0.00	63.95 -1.31 0.00	75.00 -1.37 0.00	75.74 -1.57 14.82	75.22 -1.37 3.92	72.34 -1.25 0.00	53.88 -0.77 0.00	45.72 -0.84 0.00	38.52 -0.83 0.00	34.05 -0.87 0.00
SITHE____MASSENA 23902	30.04 -0.65 0.00	28.60 -0.52 0.00	26.74 -0.55 0.00	26.03 -0.50 0.00	25.36 -0.52 0.00	26.55 -0.57 0.00	27.76 -0.71 0.00	29.16 -0.69 0.00	31.01 -0.63 0.00	33.89 -0.83 0.00	36.32 -0.78 0.00	37.31 -0.92 0.00	41.76 -1.16 0.00	44.98 -1.68 0.00	46.72 -2.56 0.00	47.12 -3.33 14.81	54.05 -4.58 17.74	56.28 -5.35 30.50	56.81 -4.51 19.18	69.99 -3.60 0.00	47.99 -2.68 3.98	45.17 -1.40 0.00	38.29 -1.06 0.00	34.05 -0.87 0.00
SITHE____OGDNSBRG 24021	30.23 -0.46 0.00	28.72 -0.41 0.00	26.82 -0.46 0.00	26.08 -0.45 0.00	25.49 -0.39 0.00	26.68 -0.43 0.00	27.90 -0.57 0.00	29.19 -0.66 0.00	31.11 -0.54 0.00	33.92 -0.80 0.00	36.32 -0.78 0.00	37.42 -0.80 0.00	41.97 -0.94 0.00	45.30 -1.35 0.00	47.46 -1.82 0.00	48.91 -3.13 13.21	38.77 -4.66 32.94	30.58 -5.16 56.38	41.07 -4.11 35.33	70.50 -3.09 0.00	45.19 -2.13 7.32	45.63 -0.93 0.00	38.64 -0.71 0.00	34.29 -0.63 0.00
SITHE____STERLING 23777	31.61 0.92 0.00	29.94 0.81 0.00	27.94 0.65 0.00	27.09 0.56 0.00	26.55 0.67 0.00	27.88 0.76 0.00	29.32 0.85 0.00	30.68 0.83 0.00	32.50 0.85 0.00	35.66 0.94 0.00	38.25 1.15 0.00	39.60 1.37 0.00	44.59 1.67 0.00	48.38 1.73 0.00	51.60 2.32 0.00	68.32 3.07 0.00	86.03 3.59 -6.07	110.58 4.70 -13.76	93.28 4.26 -8.51	77.49 3.90 0.00	59.60 3.28 -1.68	49.07 2.51 0.00	41.12 1.77 0.00	36.18 1.26 0.00
SLEIGHT__34_KV_TB1 80719	31.55 0.86 0.00	30.06 0.93 0.00	27.85 0.57 0.00	27.01 0.48 0.00	26.45 0.57 0.00	27.80 0.68 0.00	29.35 0.88 0.00	31.12 1.28 0.00	32.66 1.01 0.00	36.01 1.28 0.00	38.66 1.56 0.00	40.21 1.99 0.00	45.23 2.32 0.00	49.41 2.75 0.00	52.49 3.20 0.00	69.43 4.18 0.00	84.16 5.19 -2.60	104.98 7.00 -5.85	90.51 5.88 -4.13	79.47 5.30 -0.57	60.00 4.26 -1.09	49.90 3.07 -0.26	41.59 2.24 0.00	36.46 1.54 0.00
SOUTH CAIRO____GT 23612	32.71 2.02 0.00	31.08 1.95 0.00	29.22 1.94 0.00	28.39 1.86 0.00	27.56 1.68 0.00	28.85 1.74 0.00	30.29 1.82 0.00	31.42 1.58 0.00	33.29 1.64 0.00	36.53 1.80 0.00	38.99 1.89 0.00	39.76 1.53 0.00	44.59 1.67 0.00	49.27 2.61 0.00	52.44 3.16 0.00	69.30 4.05 0.00	87.43 4.81 -6.25	98.39 6.27 0.00	96.91 5.55 -10.85	88.14 5.45 -9.10	67.75 4.10 -9.01	54.30 3.54 -4.21	42.19 2.83 0.00	37.30 2.38 0.00
SOUTH HAMPTN____IC 23720	35.48 4.05 -0.74	33.17 4.05 0.00	31.84 3.93 -0.63	30.35 3.82 0.00	29.43 3.55 0.00	31.05 3.91 -0.03	32.89 4.21 -0.20	33.72 3.88 0.00	35.67 4.02 0.00	39.23 4.51 0.00	41.03 3.93 0.00	42.28 4.05 0.00	48.40 4.38 -1.10	52.78 6.11 -0.01	57.22 6.65 -1.29	83.35 7.76 -10.33	110.98 9.16 -25.44	125.21 11.14 -21.94	129.44 10.14 -38.79	119.51 7.88 -38.04	65.23 5.41 -5.18	54.23 4.75 -2.92	45.61 4.17 -2.09	41.35 4.75 -1.67
SOUTHDOW_115KV_TB1 355954	32.41 1.72 0.00	31.02 1.89 0.00	28.48 1.20 0.00	27.54 1.01 0.00	26.97 1.09 0.00	28.28 1.17 0.00	30.15 1.68 0.00	32.08 2.24 0.00	33.39 1.74 0.00	37.12 2.40 0.00	39.44 2.34 0.00	41.40 3.17 0.00	46.78 3.86 0.00	50.67 4.01 0.00	54.41 5.13 0.00	71.00 5.74 0.00	86.08 7.41 -2.30	104.53 8.84 -3.57	91.47 7.49 -3.48	81.13 6.62 -0.91	60.79 5.25 -0.90	50.52 3.54 -0.42	41.99 2.64 0.00	36.63 1.71 0.00
SOUTHOLD_69_KV_BK 2 55809	36.40 4.97 -0.74	33.15 4.02 0.00	32.50 4.58 -0.63	30.83 4.30 0.00	29.99 4.11 0.00	31.70 4.56 -0.03	33.57 4.90 -0.20	34.50 4.66 0.00	35.92 4.27 0.00	39.55 4.83 0.00	42.11 5.01 0.00	43.27 5.05 0.00	49.13 5.11 -1.11	53.53 6.86 -0.01	57.92 7.34 -1.29	84.67 9.00 -10.41	112.59 10.62 -25.60	127.12 12.90 -22.10	132.80 13.36 -38.93	122.39 10.67 -38.13	67.31 7.49 -5.18	55.74 6.43 -2.76	46.87 5.43 -2.09	42.39 5.80 -1.68

SOUTHOLD___IC 23719	36.28 4.85 -0.74	33.90 4.78 0.00	32.50 4.58 -0.63	30.99 4.46 0.00	29.99 4.12 0.00	31.70 4.55 -0.03	33.60 4.93 -0.20	34.56 4.71 0.00	35.92 4.27 0.00	39.55 4.82 0.00	41.44 4.34 0.00	42.81 4.58 0.00	49.00 4.98 -1.11	53.53 6.86 -0.01	58.06 7.49 -1.29	84.60 8.94 -10.41	112.59 10.61 -25.60	127.12 12.90 -22.10	132.88 13.44 -38.94	122.39 10.67 -38.13	67.20 7.37 -5.18	55.91 6.43 -2.92	46.87 5.43 -2.09	42.40 5.80 -1.67
SPIERFLS_115KV_TB 1 80737	32.44 1.75 0.00	30.73 1.60 0.00	28.95 1.66 0.00	28.07 1.54 0.00	27.41 1.53 0.00	28.77 1.65 0.00	30.24 1.77 0.00	31.63 1.79 0.00	33.61 1.96 0.00	36.91 2.19 0.00	39.10 2.00 0.00	40.29 2.06 0.00	45.23 2.32 0.00	49.69 3.03 0.00	52.83 3.55 0.00	70.08 4.83 0.00	93.81 5.88 -11.55	99.31 7.19 0.00	107.51 6.92 -20.08	96.92 6.48 -16.85	76.30 4.97 -16.68	58.54 4.19 -7.79	42.22 2.87 0.00	37.33 2.41 0.00
ST LAWRENCE____ 23600	29.83 -0.86 0.00	28.37 -0.76 0.00	26.55 -0.74 0.00	25.84 -0.69 0.00	25.18 -0.70 0.00	26.36 -0.76 0.00	27.62 -0.85 0.00	28.98 -0.87 0.00	30.79 -0.85 0.00	33.68 -1.04 0.00	36.02 -1.08 0.00	37.00 -1.22 0.00	41.41 -1.50 0.00	44.65 -2.00 0.00	46.62 -2.66 0.00	46.58 -3.33 15.35	57.97 -4.20 14.20	65.40 -4.98 21.75	62.59 -4.19 13.72	70.06 -3.53 0.00	49.01 -2.78 2.85	44.70 -1.86 0.00	37.97 -1.38 0.00	33.80 -1.12 0.00
STATE_CA_115KV_115_LB 55624	31.79 1.10 0.00	30.15 1.02 0.00	28.40 1.12 0.00	27.62 1.09 0.00	26.91 1.04 0.00	28.20 1.08 0.00	29.55 1.08 0.00	30.86 1.01 0.00	32.85 1.20 0.00	36.04 1.32 0.00	38.58 1.48 0.00	39.52 1.30 0.00	44.33 1.42 0.00	48.66 2.01 0.00	51.55 2.27 0.00	68.26 3.00 0.00	88.79 3.51 -8.90	96.09 3.96 0.00	99.43 3.46 -15.47	89.66 3.09 -12.98	69.73 2.24 -12.85	54.47 1.91 -6.00	40.81 1.46 0.00	36.32 1.40 0.00
STATE_ST_34_KV_LOAD 55959	31.30 0.61 0.00	29.80 0.67 0.00	27.66 0.38 0.00	26.88 0.34 0.00	26.29 0.41 0.00	27.58 0.46 0.00	29.04 0.57 0.00	30.71 0.87 0.00	32.31 0.66 0.00	35.55 0.83 0.00	37.84 0.74 0.00	39.29 1.07 0.00	44.20 1.29 0.00	48.15 1.49 0.00	51.55 2.27 0.00	68.26 3.00 0.00	82.82 3.67 -2.78	103.97 4.88 -6.96	89.29 4.19 -4.60	78.04 3.83 -0.62	58.94 3.11 -1.18	49.13 2.28 -0.28	41.00 1.65 0.00	36.04 1.12 0.00
STATION 5_MISC_HYD 23604	31.55 0.86 0.00	29.71 0.58 0.00	27.61 0.33 0.00	26.59 0.05 0.00	26.09 0.21 0.00	27.33 0.22 0.00	28.92 0.45 0.00	30.59 0.75 0.00	32.09 0.44 0.00	35.45 0.73 0.00	37.88 0.78 0.00	39.60 1.37 0.00	44.59 1.67 0.00	48.47 1.82 0.00	51.65 2.37 0.00	67.93 2.68 0.00	82.39 3.82 -2.20	100.48 5.16 -3.20	88.03 4.42 -3.10	78.51 4.34 -0.57	58.82 3.61 -0.57	49.02 2.19 -0.27	40.96 1.61 0.00	35.87 0.94 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.18 0.49 0.00	29.77 0.64 0.00	27.58 0.30 0.00	26.72 0.19 0.00	26.14 0.26 0.00	27.42 0.30 0.00	29.04 0.57 0.00	30.74 0.90 0.00	32.15 0.51 0.00	35.45 0.73 0.00	37.92 0.82 0.00	39.56 1.34 0.00	44.59 1.67 0.00	48.62 1.96 0.00	51.75 2.46 0.00	68.12 2.87 0.00	82.84 4.12 -2.35	102.01 5.71 -4.17	88.66 4.67 -3.48	78.66 4.49 -0.57	58.82 3.61 -0.57	49.11 2.28 -0.27	40.96 1.61 0.00	35.87 0.94 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.00 0.31 0.00	29.62 0.50 0.00	27.39 0.11 0.00	26.53 0.00 0.00	25.93 0.05 0.00	27.20 0.08 0.00	28.84 0.37 0.00	30.83 0.98 0.00	32.18 0.54 0.00	35.66 0.94 0.00	38.14 1.04 0.00	39.87 1.64 0.00	44.98 2.06 0.00	49.04 2.38 0.00	52.29 3.01 0.00	68.78 3.52 0.00	83.69 5.12 -2.20	102.27 6.91 -3.24	89.25 5.64 -3.11	79.53 5.37 -0.57	59.41 4.21 -0.56	49.48 2.65 -0.26	41.24 1.89 0.00	36.04 1.12 0.00
STA_56___34_KV_BUS2 355983	31.00 0.31 0.00	29.62 0.50 0.00	27.39 0.11 0.00	26.53 0.00 0.00	25.93 0.05 0.00	27.20 0.08 0.00	28.84 0.37 0.00	30.83 0.98 0.00	32.18 0.54 0.00	35.66 0.94 0.00	38.14 1.04 0.00	39.87 1.64 0.00	44.98 2.06 0.00	49.04 2.38 0.00	52.29 3.01 0.00	68.78 3.52 0.00	83.69 5.12 -2.20	102.27 6.91 -3.24	89.25 5.64 -3.11	79.53 5.37 -0.57	59.41 4.21 -0.56	49.48 2.65 -0.26	41.24 1.89 0.00	36.04 1.12 0.00
STA_67___115KV_BK2 355882	31.15 0.46 0.00	29.80 0.67 0.00	27.55 0.27 0.00	26.66 0.13 0.00	26.09 0.21 0.00	27.33 0.22 0.00	28.98 0.51 0.00	30.68 0.84 0.00	31.99 0.35 0.00	35.35 0.62 0.00	37.66 0.56 0.00	39.37 1.15 0.00	44.33 1.42 0.00	48.20 1.54 0.00	51.45 2.17 0.00	67.54 2.28 0.00	82.08 3.51 -2.20	100.11 4.79 -3.20	87.63 4.03 -3.10	78.14 3.97 -0.57	58.60 3.39 -0.57	48.83 2.00 -0.27	40.81 1.46 0.00	35.73 0.80 0.00
STA_7___115KV_9TRANS 80674	31.42 0.74 0.00	30.03 0.90 0.00	27.77 0.49 0.00	26.88 0.34 0.00	26.27 0.39 0.00	27.52 0.41 0.00	29.21 0.74 0.00	30.95 1.10 0.00	32.28 0.63 0.00	35.69 0.97 0.00	38.03 0.93 0.00	39.75 1.53 0.00	44.81 1.89 0.00	48.76 2.10 0.00	52.09 2.81 0.00	68.39 3.13 0.00	83.08 4.51 -2.20	101.41 6.08 -3.20	88.68 5.07 -3.10	79.18 5.00 -0.57	59.31 4.10 -0.57	49.43 2.61 -0.27	41.28 1.93 0.00	36.11 1.19 0.00
STA_82___115KV_TB1 80780	31.18 0.49 0.00	29.80 0.67 0.00	27.55 0.27 0.00	26.69 0.16 0.00	26.09 0.21 0.00	27.36 0.24 0.00	29.01 0.54 0.00	30.74 0.90 0.00	32.03 0.38 0.00	35.38 0.66 0.00	37.69 0.59 0.00	39.41 1.18 0.00	44.38 1.46 0.00	48.24 1.59 0.00	51.55 2.27 0.00	67.67 2.41 0.00	82.17 3.59 -2.20	100.24 4.88 -3.24	87.73 4.11 -3.12	78.30 4.12 -0.58	58.66 3.44 -0.57	48.88 2.05 -0.27	40.85 1.50 0.00	35.76 0.84 0.00
STEEL___WIND 323596	32.04 1.35 0.00	30.09 0.96 0.00	27.86 0.57 0.00	26.74 0.21 0.00	26.27 0.39 0.00	27.53 0.41 0.00	29.18 0.71 0.00	30.77 0.93 0.00	32.28 0.63 0.00	35.76 1.04 0.00	38.14 1.04 0.00	40.14 1.91 0.00	45.23 2.32 0.00	48.99 2.33 0.00	52.39 3.11 0.00	68.51 3.26 0.00	83.07 4.43 -2.27	101.17 5.43 -3.62	88.67 4.75 -3.42	78.91 4.49 -0.83	59.34 3.88 -0.82	49.18 2.23 -0.38	41.08 1.73 0.00	35.87 0.94 0.00
STEPHTWN_115KV_BK_2 55603	32.04 1.35 0.00	30.35 1.22 0.00	28.56 1.28 0.00	27.75 1.22 0.00	27.04 1.16 0.00	28.37 1.25 0.00	29.78 1.31 0.00	31.10 1.25 0.00	33.10 1.46 0.00	36.32 1.60 0.00	38.88 1.78 0.00	39.79 1.57 0.00	44.59 1.67 0.00	48.85 2.19 0.00	51.80 2.51 0.00	68.52 3.26 0.00	88.05 3.89 -7.78	96.73 4.61 0.00	97.97 3.94 -13.52	88.54 3.61 -11.34	68.55 2.68 -11.23	54.04 2.23 -5.24	41.12 1.77 0.00	36.53 1.61 0.00
STEUBEN_REC_LFGE 323667	32.16 1.47 0.00	30.73 1.60 0.00	28.29 1.01 0.00	27.38 0.85 0.00	26.81 0.93 0.00	28.12 1.00 0.00	29.84 1.37 0.00	31.63 1.79 0.00	33.01 1.36 0.00	36.42 1.70 0.00	38.92 1.82 0.00	40.71 2.48 0.00	45.92 3.00 0.00	49.97 3.31 0.00	53.28 3.99 0.00	69.95 4.70 0.00	84.84 6.03 -2.44	103.62 7.92 -3.58	91.23 7.00 -3.72	81.04 6.33 -1.12	61.05 5.30 -1.11	50.57 3.49 -0.52	41.87 2.52 0.00	36.56 1.64 0.00

STONY___BROOK 24151	34.87 3.44 -0.74	32.36 3.23 0.00	31.06 3.14 -0.64	29.61 3.08 0.00	28.70 2.82 0.00	30.29 3.14 -0.03	32.11 3.41 -0.22	33.27 3.43 0.00	35.28 3.64 0.00	38.78 4.06 0.00	40.33 3.23 0.00	41.48 3.25 0.00	47.28 3.39 -0.98	51.63 4.94 -0.03	56.77 5.13 -2.35	84.14 5.94 -12.95	114.45 7.10 -30.98	128.00 8.38 -27.50	130.00 7.00 -42.50	143.94 5.23 -65.11	63.38 3.55 -5.18	53.20 3.31 -3.34	44.39 3.26 -1.78	40.58 3.98 -1.68
STURGEON_POOL_HYD 23609	32.53 1.84 0.00	30.61 1.49 0.00	28.81 1.53 0.00	28.10 1.57 0.00	27.25 1.37 0.00	28.56 1.44 0.00	29.98 1.51 0.00	31.36 1.52 0.00	33.39 1.74 0.00	36.67 1.94 0.00	39.29 2.19 0.00	40.37 2.14 0.00	45.41 2.49 0.00	49.60 2.94 0.00	52.54 3.25 0.00	69.95 4.70 0.00	86.02 5.50 -4.15	98.39 6.26 0.00	92.79 5.07 -7.21	83.53 3.90 -6.04	63.35 2.73 -5.98	51.26 1.91 -2.79	41.16 1.81 0.00	36.91 1.99 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.38 1.69 0.00	30.50 1.37 0.00	28.70 1.42 0.00	27.99 1.46 0.00	27.20 1.32 0.00	28.50 1.38 0.00	29.95 1.48 0.00	31.42 1.58 0.00	33.45 1.80 0.00	36.70 1.98 0.00	39.25 2.15 0.00	40.33 2.10 0.00	45.28 2.36 0.00	49.55 2.89 0.00	52.54 3.25 0.00	69.89 4.63 0.00	85.16 5.50 -3.29	98.11 5.99 0.00	91.29 5.07 -5.71	82.27 3.90 -4.78	62.21 2.84 -4.73	50.86 2.10 -2.21	41.12 1.77 0.00	36.77 1.85 0.00
SWANROAD_115KV_TB1 355699	30.84 0.15 0.00	29.62 0.50 0.00	27.06 -0.22 0.00	26.21 -0.32 0.00	25.65 -0.23 0.00	27.01 -0.11 0.00	28.50 0.03 0.00	30.11 0.27 0.00	31.17 -0.47 0.00	34.41 -0.31 0.00	36.51 -0.59 0.00	38.38 0.15 0.00	43.22 0.30 0.00	46.70 0.05 0.00	50.17 0.89 0.00	65.32 0.07 0.00	79.45 0.84 -2.24	96.35 1.01 -3.21	84.72 0.97 -3.25	75.74 1.40 -0.75	57.13 1.75 -0.74	47.33 0.42 -0.35	39.67 0.31 0.00	34.68 -0.24 0.00
SYNERGY___BIOGAS 323694	32.19 1.50 0.00	30.29 1.17 0.00	28.02 0.74 0.00	26.88 0.34 0.00	26.42 0.54 0.00	27.71 0.60 0.00	29.38 0.91 0.00	31.00 1.16 0.00	32.40 0.76 0.00	35.80 1.08 0.00	38.29 1.19 0.00	40.29 2.06 0.00	45.36 2.44 0.00	49.08 2.42 0.00	52.44 3.16 0.00	68.71 3.46 0.00	83.72 5.12 -2.23	102.08 6.72 -3.23	89.58 5.87 -3.20	413.65 5.89 -334.16	60.18 4.86 -0.68	49.90 3.02 -0.32	41.71 2.36 0.00	36.39 1.47 0.00
SYRACUSE___ENERGY_ST1 323597	30.72 0.03 0.00	29.22 0.09 0.00	27.20 -0.08 0.00	26.40 -0.13 0.00	25.80 -0.08 0.00	27.06 -0.05 0.00	28.50 0.03 0.00	30.02 0.18 0.00	31.61 -0.03 0.00	34.76 0.03 0.00	37.25 0.15 0.00	38.61 0.38 0.00	43.43 0.52 0.00	47.08 0.42 0.00	49.98 0.69 0.00	66.04 0.78 0.00	80.50 1.07 -3.06	101.77 1.57 -8.08	86.83 1.29 -5.04	75.17 1.10 -0.47	56.94 1.15 -1.15	47.52 0.74 -0.22	39.94 0.59 0.00	35.20 0.28 0.00
SYRACUSE___ENERGY_ST2 323598	30.72 0.03 0.00	29.22 0.09 0.00	27.20 -0.08 0.00	26.40 -0.13 0.00	25.80 -0.08 0.00	27.06 -0.05 0.00	28.50 0.03 0.00	30.02 0.18 0.00	31.61 -0.03 0.00	34.76 0.03 0.00	37.25 0.15 0.00	38.61 0.38 0.00	43.43 0.52 0.00	47.08 0.42 0.00	49.98 0.69 0.00	66.04 0.78 0.00	80.50 1.07 -3.06	101.77 1.57 -8.08	86.83 1.29 -5.04	75.17 1.10 -0.47	56.94 1.15 -1.15	47.52 0.74 -0.22	39.94 0.59 0.00	35.20 0.28 0.00
SYRACUSE___POWER 24017	30.60 -0.09 0.00	29.10 -0.03 0.00	27.12 -0.16 0.00	26.32 -0.21 0.00	25.72 -0.16 0.00	26.98 -0.14 0.00	28.41 -0.06 0.00	29.90 0.06 0.00	31.52 -0.13 0.00	34.65 -0.07 0.00	37.14 0.04 0.00	38.49 0.27 0.00	43.30 0.39 0.00	47.12 0.47 0.00	50.07 0.79 0.00	66.23 0.98 0.00	80.85 1.30 -3.18	101.41 1.84 -7.44	86.93 1.45 -4.97	75.41 1.32 -0.49	57.05 1.20 -1.20	47.53 0.74 -0.23	39.82 0.47 0.00	35.10 0.17 0.00
TALLMAN__138KV_BK151 55660	32.59 1.90 0.00	30.64 1.51 0.00	28.89 1.61 0.00	28.15 1.62 0.00	27.38 1.50 0.00	28.66 1.55 0.00	30.15 1.68 0.00	31.66 1.82 0.00	33.77 2.12 0.00	37.01 2.29 0.00	39.51 2.41 0.00	40.56 2.33 0.00	45.58 2.66 0.00	49.88 3.22 0.00	52.93 3.65 0.00	70.47 5.22 0.00	85.89 6.11 -3.40	98.76 6.63 0.00	92.05 5.64 -5.91	82.81 4.27 -4.95	62.60 3.06 -4.90	51.13 2.28 -2.29	41.28 1.93 0.00	36.98 2.06 0.00
TEALLAVE_115KV_TB7 355573	30.47 -0.21 0.00	28.98 -0.15 0.00	27.01 -0.27 0.00	26.24 -0.29 0.00	25.62 -0.26 0.00	26.87 -0.24 0.00	28.30 -0.17 0.00	29.78 -0.06 0.00	31.36 -0.28 0.00	34.55 -0.17 0.00	36.99 -0.11 0.00	38.34 0.11 0.00	43.13 0.21 0.00	46.98 0.33 0.00	49.88 0.59 0.00	65.97 0.72 0.00	80.82 0.99 -3.45	101.50 1.47 -7.90	86.89 1.13 -5.26	74.63 1.03 0.00	56.44 0.98 -0.82	47.12 0.56 0.00	39.67 0.31 0.00	34.96 0.03 0.00
TELGRAPH_34_KV_EAST 80808	31.46 0.77 0.00	30.18 1.05 0.00	27.66 0.38 0.00	26.77 0.24 0.00	26.19 0.31 0.00	27.52 0.41 0.00	29.15 0.68 0.00	30.86 1.01 0.00	31.96 0.32 0.00	35.24 0.52 0.00	37.47 0.37 0.00	39.41 1.18 0.00	44.38 1.46 0.00	48.10 1.45 0.00	51.55 2.27 0.00	67.21 1.96 0.00	81.81 3.21 -2.23	99.50 4.15 -3.23	87.35 3.62 -3.22	78.13 3.83 -0.71	58.73 3.39 -0.70	48.75 1.86 -0.33	40.81 1.46 0.00	35.62 0.70 0.00
TEMPLE___115KV_TB 2 55572	30.50 -0.18 0.00	29.01 -0.12 0.00	27.04 -0.25 0.00	26.24 -0.29 0.00	25.65 -0.23 0.00	26.90 -0.22 0.00	28.33 -0.14 0.00	29.81 -0.03 0.00	31.39 -0.25 0.00	34.58 -0.14 0.00	37.03 -0.07 0.00	38.38 0.15 0.00	43.17 0.26 0.00	47.03 0.37 0.00	49.93 0.64 0.00	66.10 0.85 0.00	80.83 1.07 -3.39	101.43 1.57 -7.74	86.88 1.21 -5.17	74.70 1.10 0.00	56.48 1.04 -0.80	47.17 0.61 0.00	39.70 0.35 0.00	34.99 0.07 0.00
TIANA____69_KV_BK 1 55817	35.39 3.96 -0.74	32.22 3.09 0.00	31.65 3.74 -0.63	30.06 3.53 0.00	29.22 3.34 0.00	30.86 3.72 -0.03	32.69 4.01 -0.20	33.45 3.61 0.00	35.48 3.83 0.00	38.99 4.27 0.00	41.44 4.34 0.00	42.47 4.24 0.00	48.19 4.16 -1.11	52.36 5.69 -0.01	56.64 6.06 -1.29	82.89 7.24 -10.40	110.50 8.55 -25.57	124.51 10.32 -22.07	128.75 9.34 -38.91	118.92 7.21 -38.11	64.85 5.03 -5.18	53.65 4.33 -2.76	45.26 3.82 -2.09	41.07 4.47 -1.68
TILDEN___115KV_TB1 80814	30.60 -0.09 0.00	29.10 -0.03 0.00	27.12 -0.16 0.00	26.32 -0.21 0.00	25.72 -0.16 0.00	26.98 -0.14 0.00	28.41 -0.06 0.00	29.90 0.06 0.00	31.52 -0.13 0.00	34.65 -0.07 0.00	37.14 0.04 0.00	38.49 0.27 0.00	43.30 0.39 0.00	47.12 0.47 0.00	50.07 0.79 0.00	66.23 0.98 0.00	80.85 1.30 -3.18	101.41 1.84 -7.44	86.93 1.45 -4.97	75.41 1.32 -0.49	57.05 1.20 -1.20	47.53 0.74 -0.23	39.82 0.47 0.00	35.10 0.17 0.00
TRIGEN___CC 323695	34.16 2.73 -0.74	31.25 2.13 0.00	30.22 2.32 -0.62	28.73 2.20 0.00	27.95 2.07 0.00	29.41 2.28 -0.02	31.09 2.48 -0.15	32.53 2.69 0.00	34.68 3.04 0.00	38.05 3.33 0.00	40.40 3.30 0.00	41.36 3.13 0.00	46.14 3.22 0.00	50.90 4.25 0.00	53.82 4.53 0.00	70.93 5.68 0.00	86.69 6.72 -3.60	99.77 7.65 0.00	93.03 6.28 -6.25	83.45 4.64 -5.22	63.09 3.28 -5.17	51.77 2.79 -2.42	42.01 2.64 -0.02	39.66 3.07 -1.67

TRINITY__115KV__4 BK 55933	31.70 1.01 0.00	30.03 0.90 0.00	28.32 1.04 0.00	27.54 1.01 0.00	26.84 0.96 0.00	28.12 1.00 0.00	29.47 1.00 0.00	30.74 0.90 0.00	32.69 1.04 0.00	35.90 1.18 0.00	38.36 1.26 0.00	39.29 1.07 0.00	44.12 1.20 0.00	48.34 1.68 0.00	51.26 1.97 0.00	67.80 2.54 0.00	87.31 2.98 -7.96	95.44 3.32 0.00	97.24 2.90 -13.84	87.78 2.58 -11.61	68.05 1.91 -11.49	53.51 1.58 -5.37	40.61 1.26 0.00	36.14 1.22 0.00
UNION__PROCESSING_DRP 323587	31.18 0.49 0.00	29.83 0.70 0.00	27.58 0.30 0.00	26.69 0.16 0.00	26.11 0.23 0.00	27.36 0.24 0.00	29.01 0.54 0.00	30.74 0.90 0.00	32.03 0.38 0.00	35.42 0.69 0.00	37.73 0.63 0.00	39.41 1.18 0.00	44.38 1.46 0.00	48.29 1.63 0.00	51.55 2.27 0.00	67.67 2.41 0.00	82.24 3.67 -2.21	100.35 4.97 -3.25	87.82 4.19 -3.13	78.30 4.12 -0.58	58.71 3.50 -0.57	48.92 2.10 -0.27	40.88 1.53 0.00	35.80 0.87 0.00
UPPER HUDSON__HYD 24058	32.38 1.69 0.00	30.76 1.63 0.00	28.95 1.66 0.00	28.10 1.57 0.00	27.41 1.53 0.00	28.77 1.65 0.00	30.24 1.77 0.00	31.66 1.82 0.00	33.61 1.96 0.00	36.91 2.19 0.00	39.06 1.96 0.00	40.29 2.06 0.00	45.19 2.27 0.00	49.73 3.08 0.00	52.93 3.65 0.00	70.08 4.83 0.00	93.81 5.88 -11.55	99.31 7.19 0.00	107.51 6.92 -20.08	96.93 6.48 -16.85	76.30 4.97 -16.68	58.54 4.19 -7.79	42.22 2.87 0.00	37.30 2.38 0.00
UPPER RAQUET__HYD 24056	29.49 -1.20 0.00	28.08 -1.05 0.00	26.19 -1.09 0.00	25.50 -1.04 0.00	24.87 -1.01 0.00	26.06 -1.06 0.00	27.28 -1.19 0.00	28.56 -1.28 0.00	30.44 -1.20 0.00	33.19 -1.53 0.00	35.61 -1.49 0.00	36.54 -1.68 0.00	40.90 -2.02 0.00	43.86 -2.80 0.00	45.64 -3.65 0.00	48.29 -4.76 12.20	29.80 -6.57 40.00	11.85 -7.46 72.82	28.73 -6.20 45.58	68.59 -5.01 0.00	41.64 -3.55 9.45	44.61 -1.95 0.00	37.70 -1.65 0.00	33.42 -1.50 0.00
VALLEY44_115KV_TB2 355964	31.36 0.68 0.00	30.00 0.87 0.00	27.58 0.30 0.00	26.72 0.19 0.00	26.14 0.26 0.00	27.42 0.30 0.00	29.18 0.71 0.00	30.92 1.07 0.00	32.25 0.60 0.00	35.69 0.97 0.00	37.77 0.67 0.00	39.68 1.45 0.00	44.72 1.80 0.00	48.52 1.87 0.00	52.09 2.81 0.00	68.19 2.94 0.00	82.80 4.12 -2.31	100.64 4.97 -3.54	88.19 4.19 -3.50	78.29 3.75 -0.94	58.85 3.28 -0.93	48.90 1.91 -0.43	40.65 1.30 0.00	35.73 0.80 0.00
VALLEY__115KV_TB 1-4 80826	30.81 0.12 0.00	29.24 0.12 0.00	27.39 0.11 0.00	26.61 0.08 0.00	25.98 0.10 0.00	27.28 0.16 0.00	28.64 0.17 0.00	29.93 0.09 0.00	31.80 0.16 0.00	34.89 0.17 0.00	37.54 0.45 0.00	38.68 0.46 0.00	43.52 0.60 0.00	47.36 0.70 0.00	49.88 0.59 0.00	66.85 0.72 -0.88	80.08 0.69 -3.02	99.19 0.83 -6.24	85.26 0.81 -3.95	74.26 0.66 0.00	56.11 0.66 -0.81	46.98 0.42 0.00	39.59 0.24 0.00	35.03 0.10 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.68 1.99 0.00	31.05 1.92 0.00	29.00 1.72 0.00	28.20 1.67 0.00	27.61 1.73 0.00	28.99 1.87 0.00	30.46 1.99 0.00	31.72 1.88 0.00	33.70 2.06 0.00	36.94 2.22 0.00	39.40 2.30 0.00	40.67 2.45 0.00	45.71 2.79 0.00	49.92 3.27 0.00	53.52 4.24 0.00	70.87 5.61 0.00	85.24 6.26 -2.60	99.68 7.55 0.00	91.63 6.60 -4.52	83.38 6.03 -3.75	63.22 4.86 -3.71	51.88 3.59 -1.73	42.10 2.75 0.00	37.30 2.37 0.00
VISCHER__FERRY HYD 24020	32.16 1.47 0.00	30.55 1.43 0.00	28.75 1.47 0.00	28.02 1.48 0.00	27.28 1.40 0.00	28.58 1.46 0.00	29.98 1.51 0.00	31.27 1.43 0.00	33.23 1.58 0.00	36.46 1.74 0.00	38.95 1.85 0.00	40.06 1.83 0.00	44.98 2.06 0.00	49.36 2.70 0.00	52.39 3.11 0.00	69.17 3.91 0.00	91.19 4.66 -10.16	97.46 5.34 0.00	102.91 4.75 -17.66	92.68 4.27 -14.82	72.54 3.22 -14.67	55.97 2.56 -6.85	41.40 2.04 0.00	36.84 1.92 0.00
V_A_10_SYNC_DSASP 323832	30.84 0.15 0.00	29.56 0.44 0.00	27.28 0.00 0.00	26.43 -0.11 0.00	25.83 -0.05 0.00	27.04 -0.08 0.00	28.70 0.23 0.00	30.32 0.48 0.00	31.49 -0.16 0.00	34.83 0.10 0.00	36.99 -0.11 0.00	38.76 0.54 0.00	43.60 0.69 0.00	47.22 0.56 0.00	50.57 1.28 0.00	66.10 0.85 0.00	80.25 1.68 -2.20	97.51 2.30 -3.08	85.64 2.01 -3.12	76.39 2.13 -0.66	57.54 2.24 -0.65	47.80 0.93 -0.30	40.02 0.67 0.00	35.03 0.10 0.00
V_CMM_10_SYNC_DSASP 323787	29.95 -0.74 0.00	28.49 -0.64 0.00	26.66 -0.63 0.00	25.95 -0.58 0.00	25.29 -0.59 0.00	26.47 -0.65 0.00	27.70 -0.77 0.00	29.07 -0.78 0.00	30.92 -0.73 0.00	33.82 -0.90 0.00	36.21 -0.89 0.00	37.15 -1.07 0.00	41.63 -1.29 0.00	44.84 -1.82 0.00	46.82 -2.46 0.00	46.84 -3.07 15.35	58.28 -3.89 14.20	65.77 -4.60 21.75	62.84 -3.94 13.72	70.43 -3.16 0.00	49.29 -2.51 2.85	44.93 -1.63 0.00	38.13 -1.22 0.00	33.94 -0.98 0.00
V_CMP_10_SYNC_DSASP 323788	30.69 0.00 0.00	29.13 0.00 0.00	27.12 -0.16 0.00	26.35 -0.18 0.00	25.60 -0.28 0.00	26.79 -0.32 0.00	28.04 -0.43 0.00	29.63 -0.21 0.00	31.74 0.10 0.00	33.79 -0.94 0.00	36.02 -1.08 0.00	36.16 -2.06 0.00	39.70 -3.22 0.00	43.02 -3.64 0.00	44.95 -4.34 0.00	44.63 -5.48 15.14	52.92 -7.18 16.27	58.83 -8.11 25.18	61.56 -5.48 13.47	69.33 -4.27 0.00	48.30 -3.55 2.79	43.77 -2.79 0.00	37.50 -1.85 0.00	34.26 -0.66 0.00
V_E_10_SYNC_DSASP 323830	33.48 2.79 0.00	31.69 2.56 0.00	29.35 2.07 0.00	28.39 1.86 0.00	28.00 2.12 0.00	29.45 2.33 0.00	31.00 2.53 0.00	32.29 2.45 0.00	34.05 2.40 0.00	37.19 2.47 0.00	39.92 2.82 0.00	41.51 3.29 0.00	46.78 3.86 0.00	51.04 4.38 0.00	55.00 5.71 0.00	72.95 7.70 0.00	86.85 9.01 -1.46	104.95 12.07 -0.76	94.44 11.19 -2.75	86.10 10.45 -2.06	65.37 8.69 -2.04	53.89 6.38 -0.95	43.80 4.45 0.00	38.24 3.32 0.00
V_F_30_NSYNC__DSASP 323816	32.59 1.90 0.00	30.96 1.84 0.00	29.11 1.83 0.00	28.31 1.78 0.00	27.59 1.71 0.00	28.94 1.82 0.00	30.38 1.91 0.00	31.75 1.91 0.00	33.70 2.06 0.00	36.98 2.26 0.00	39.44 2.34 0.00	40.63 2.41 0.00	45.62 2.71 0.00	50.16 3.50 0.00	53.28 3.99 0.00	70.48 5.22 0.00	94.02 6.26 -11.39	99.58 7.46 0.00	107.06 6.76 -19.79	96.45 6.25 -16.61	75.78 4.70 -16.44	58.06 3.82 -7.68	42.19 2.83 0.00	37.40 2.48 0.00
V_F_30_SYNC_DSASP 323786	31.79 1.10 0.00	30.15 1.02 0.00	28.40 1.12 0.00	27.62 1.09 0.00	26.91 1.04 0.00	28.20 1.08 0.00	29.55 1.08 0.00	30.86 1.01 0.00	32.82 1.17 0.00	36.04 1.32 0.00	38.55 1.45 0.00	39.52 1.30 0.00	44.33 1.42 0.00	48.62 1.96 0.00	51.55 2.27 0.00	68.26 3.00 0.00	88.71 3.51 -8.82	96.09 3.96 0.00	99.30 3.46 -15.34	89.48 3.02 -12.87	69.62 2.24 -12.74	54.42 1.91 -5.95	40.81 1.46 0.00	36.28 1.36 0.00
V_XM_10_SYNC_DSASP 323789	30.69 0.00 0.00	29.13 0.00 0.00	27.12 -0.16 0.00	26.35 -0.18 0.00	25.60 -0.28 0.00	26.79 -0.32 0.00	28.04 -0.43 0.00	29.63 -0.21 0.00	31.74 0.10 0.00	33.79 -0.94 0.00	36.02 -1.08 0.00	36.16 -2.06 0.00	39.70 -3.22 0.00	43.02 -3.64 0.00	44.95 -4.34 0.00	44.63 -5.48 15.14	52.92 -7.18 16.27	58.83 -8.11 25.18	61.56 -5.48 13.47	69.33 -4.27 0.00	48.30 -3.55 2.79	43.77 -2.79 0.00	37.50 -1.85 0.00	34.26 -0.66 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.71 2.03 0.00	30.73 1.60 0.00	28.97 1.69 0.00	28.26 1.72 0.00	27.46 1.58 0.00	28.74 1.63 0.00	30.24 1.77 0.00	31.75 1.91 0.00	33.83 2.18 0.00	37.08 2.36 0.00	39.59 2.49 0.00	40.63 2.41 0.00	45.66 2.75 0.00	50.02 3.36 0.00	53.03 3.75 0.00	70.67 5.42 0.00	86.14 6.34 -3.43	99.03 6.91 0.00	92.26 5.80 -5.96	83.07 4.49 -4.99	62.80 3.22 -4.94	51.24 2.37 -2.30	41.36 2.01 0.00	37.05 2.13 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.08 2.39 0.00	30.99 1.86 0.00	29.25 1.96 0.00	28.52 1.99 0.00	27.69 1.81 0.00	29.07 1.95 0.00	30.61 2.14 0.00	32.23 2.39 0.00	34.43 2.78 0.00	37.85 3.12 0.00	40.25 3.15 0.00	41.28 3.06 0.00	46.35 3.43 0.00	50.76 4.11 0.00	53.77 4.48 0.00	71.71 6.46 0.00	87.60 7.64 -3.59	100.51 8.38 0.00	93.75 7.00 -6.25	84.19 5.37 -5.23	63.64 3.83 -5.17	51.82 2.84 -2.42	41.83 2.48 0.00	37.61 2.69 0.00
W50THST__13_KV_LOAD 356117	33.27 2.58 0.00	31.17 2.04 0.00	29.38 2.10 0.00	28.68 2.15 0.00	27.82 1.94 0.00	29.23 2.12 0.00	30.80 2.33 0.00	32.44 2.60 0.00	34.68 3.04 0.00	38.12 3.40 0.00	40.55 3.45 0.00	41.63 3.40 0.00	46.74 3.82 0.00	51.18 4.53 0.00	54.16 4.88 0.00	72.37 7.11 0.00	88.29 8.32 -3.59	101.34 9.21 0.00	94.40 7.65 -6.25	84.78 5.96 -5.23	64.02 4.21 -5.17	52.10 3.12 -2.42	42.07 2.72 0.00	37.82 2.90 0.00
WADING RIVER_IC_1 23522	34.72 3.29 -0.74	32.59 3.46 0.00	31.27 3.35 -0.63	29.88 3.34 0.00	28.93 3.05 0.00	30.53 3.39 -0.03	32.35 3.67 -0.20	32.92 3.07 0.00	34.88 3.23 0.00	38.26 3.54 0.00	39.96 2.86 0.00	41.10 2.87 0.00	47.00 3.00 -1.08	51.19 4.52 -0.01	55.48 4.93 -1.27	80.49 5.35 -9.89	107.29 6.42 -24.50	120.86 7.74 -20.99	125.52 7.09 -37.93	116.34 5.15 -37.60	63.32 3.50 -5.18	52.64 3.17 -2.91	44.35 2.91 -2.08	40.30 3.70 -1.67
WADING RIVER_IC_2 23547	34.72 3.29 -0.74	32.59 3.46 0.00	31.27 3.35 -0.63	29.88 3.34 0.00	28.93 3.05 0.00	30.53 3.39 -0.03	32.35 3.67 -0.20	32.92 3.07 0.00	34.88 3.23 0.00	38.26 3.54 0.00	39.96 2.86 0.00	41.10 2.87 0.00	47.00 3.00 -1.08	51.19 4.52 -0.01	55.48 4.93 -1.27	80.49 5.35 -9.89	107.29 6.42 -24.50	120.86 7.74 -20.99	125.52 7.09 -37.93	116.34 5.15 -37.60	63.32 3.50 -5.18	52.64 3.17 -2.91	44.35 2.91 -2.08	40.30 3.70 -1.67
WADING RIVER_IC_3 23601	34.72 3.29 -0.74	32.59 3.46 0.00	31.27 3.35 -0.63	29.88 3.34 0.00	28.93 3.05 0.00	30.53 3.39 -0.03	32.35 3.67 -0.20	32.92 3.07 0.00	34.88 3.23 0.00	38.26 3.54 0.00	39.96 2.86 0.00	41.10 2.87 0.00	47.00 3.00 -1.08	51.19 4.52 -0.01	55.48 4.93 -1.27	80.49 5.35 -9.89	107.29 6.42 -24.50	120.86 7.74 -20.99	125.52 7.09 -37.93	116.34 5.15 -37.60	63.32 3.50 -5.18	52.64 3.17 -2.91	44.35 2.91 -2.08	40.30 3.70 -1.67
WALDENNY_I2_KV_BK2 80841	31.64 0.95 0.00	30.32 1.19 0.00	27.85 0.57 0.00	26.96 0.42 0.00	26.37 0.49 0.00	27.66 0.54 0.00	29.35 0.88 0.00	31.07 1.22 0.00	32.28 0.63 0.00	35.76 1.04 0.00	38.03 0.93 0.00	40.02 1.80 0.00	45.15 2.23 0.00	48.90 2.24 0.00	52.49 3.20 0.00	68.45 3.20 0.00	83.14 4.51 -2.26	101.27 5.53 -3.62	88.67 4.75 -3.41	78.98 4.56 -0.82	59.33 3.88 -0.81	49.22 2.28 -0.38	41.08 1.73 0.00	35.83 0.91 0.00
WALDEN__HYDRO 24148	32.65 1.97 0.00	30.88 1.75 0.00	29.00 1.72 0.00	28.31 1.78 0.00	27.43 1.55 0.00	28.72 1.60 0.00	30.18 1.71 0.00	31.63 1.79 0.00	33.61 1.96 0.00	36.91 2.19 0.00	39.40 2.30 0.00	40.48 2.25 0.00	45.49 2.57 0.00	49.97 3.31 0.00	53.08 3.80 0.00	70.48 5.22 0.00	86.19 6.34 -3.49	99.31 7.19 0.00	92.76 6.20 -6.06	83.74 5.07 -5.07	63.32 3.66 -5.02	51.65 2.75 -2.34	41.63 2.28 0.00	37.19 2.27 0.00
WARRENSBURG____ 23737	32.38 1.69 0.00	30.76 1.63 0.00	28.95 1.66 0.00	28.10 1.57 0.00	27.41 1.53 0.00	28.77 1.65 0.00	30.24 1.77 0.00	31.66 1.82 0.00	33.61 1.96 0.00	36.91 2.19 0.00	39.06 1.96 0.00	40.29 2.06 0.00	45.19 2.27 0.00	49.73 3.08 0.00	52.93 3.65 0.00	70.08 4.83 0.00	93.81 5.88 -11.55	99.31 7.19 0.00	107.51 6.92 -20.08	96.93 6.48 -16.85	76.30 4.97 -16.68	58.54 4.19 -7.79	42.22 2.87 0.00	37.30 2.38 0.00
WATERSIDE____6 8 9 23538	33.24 2.55 -0.01	31.05 1.92 0.00	29.33 2.05 0.00	28.63 2.10 0.00	27.74 1.86 0.00	29.10 1.98 0.00	30.61 2.14 0.00	32.23 2.39 0.00	34.46 2.82 0.00	37.89 3.16 -0.01	40.33 3.23 0.00	41.28 3.06 0.00	46.18 3.26 0.00	50.48 3.83 0.00	53.33 4.04 0.00	69.38 6.07 1.94	74.87 7.33 8.83	99.84 7.74 0.02	93.34 6.60 -6.24	83.67 4.86 -5.22	63.46 3.66 -5.15	51.48 2.51 -2.41	41.71 2.36 0.00	37.72 2.79 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.84 0.15 0.00	29.27 0.15 0.00	27.42 0.14 0.00	26.64 0.11 0.00	26.01 0.13 0.00	27.28 0.16 0.00	28.64 0.17 0.00	29.96 0.12 0.00	31.80 0.16 0.00	34.89 0.17 0.00	37.43 0.33 0.00	38.57 0.34 0.00	43.35 0.43 0.00	47.22 0.56 0.00	49.78 0.49 0.00	66.79 0.65 -0.88	80.08 0.69 -3.02	99.28 0.92 -6.24	85.26 0.81 -3.95	74.26 0.66 0.00	56.05 0.60 -0.81	46.98 0.42 0.00	39.59 0.24 0.00	35.06 0.14 0.00
WATSON__69_KV_BK 1 55734	35.33 3.90 -0.74	32.19 3.06 0.00	31.27 3.36 -0.63	29.66 3.13 0.00	28.88 3.00 0.00	30.47 3.34 -0.02	32.23 3.59 -0.17	33.54 3.70 0.00	35.73 4.08 0.00	39.27 4.55 0.00	41.66 4.56 0.00	42.67 4.43 -0.02	51.82 4.38 -4.52	52.36 5.69 -0.01	55.93 5.96 -0.68	78.85 7.18 -6.42	102.09 8.55 -17.16	115.97 10.23 -13.62	114.02 8.61 -24.90	102.72 6.62 -22.50	64.52 4.70 -5.17	53.40 4.24 -2.60	47.08 3.82 -3.91	41.06 4.47 -1.67
WDELAWARE__HYD 323627	32.22 1.53 0.00	30.50 1.37 0.00	28.59 1.31 0.00	27.91 1.38 0.00	27.07 1.19 0.00	28.34 1.22 0.00	29.78 1.31 0.00	31.19 1.34 0.00	33.13 1.49 0.00	36.35 1.63 0.00	38.73 1.63 0.00	39.87 1.64 0.00	44.85 1.93 0.00	48.15 1.49 0.00	51.21 1.92 0.00	68.12 2.87 0.00	83.19 3.52 -3.30	96.08 3.96 0.00	89.63 3.38 -5.74	80.82 2.43 -4.80	61.15 1.75 -4.76	50.97 2.19 -2.22	41.16 1.81 0.00	36.74 1.81 0.00
WEST BABYLON__IC 23714	35.08 3.65 -0.74	32.01 2.88 0.00	31.02 3.11 -0.63	29.45 2.92 0.00	28.65 2.77 0.00	30.23 3.09 -0.02	31.95 3.33 -0.15	33.36 3.52 0.00	35.54 3.89 0.00	39.10 4.37 0.00	41.48 4.38 0.00	42.47 4.24 -0.01	49.17 4.16 -2.09	52.07 5.41 0.00	54.96 5.62 -0.06	72.11 6.85 0.00	88.06 8.10 -3.60	101.80 9.67 0.00	96.28 8.13 -7.64	86.35 6.11 -6.65	64.13 4.32 -5.17	52.89 3.91 -2.42	44.62 3.58 -1.69	40.81 4.23 -1.67
WEST CANADA__HYD 24049	30.87 0.19 0.00	29.30 0.18 0.00	27.47 0.19 0.00	26.72 0.19 0.00	26.06 0.18 0.00	27.33 0.22 0.00	28.70 0.23 0.00	30.02 0.18 0.00	31.87 0.22 0.00	34.97 0.24 0.00	37.40 0.30 0.00	38.53 0.30 0.00	43.26 0.34 0.00	47.08 0.42 0.00	49.78 0.49 0.00	66.79 0.65 -0.88	80.08 0.69 -3.02	99.19 0.83 -6.24	85.26 0.80 -3.95	74.18 0.59 0.00	56.00 0.55 -0.81	46.93 0.37 0.00	39.59 0.24 0.00	35.10 0.18 0.00

WESTERN_NY_WIND 24143	32.16 1.47 0.00	30.26 1.13 0.00	27.99 0.71 0.00	26.85 0.32 0.00	26.40 0.52 0.00	27.69 0.57 0.00	29.35 0.88 0.00	30.98 1.13 0.00	32.34 0.70 0.00	35.76 1.04 0.00	38.25 1.15 0.00	40.25 2.02 0.00	45.28 2.36 0.00	49.03 2.38 0.00	52.39 3.11 0.00	68.58 3.33 0.00	83.56 4.96 -2.23	101.80 6.45 -3.23	89.34 5.63 -3.21	79.96 5.67 -0.69	60.08 4.75 -0.69	49.82 2.94 -0.32	41.63 2.28 0.00	36.35 1.43 0.00
WESTOVER___LESR 323668	31.36 0.68 0.00	29.86 0.73 0.00	27.77 0.49 0.00	26.96 0.42 0.00	26.35 0.47 0.00	27.63 0.52 0.00	29.12 0.65 0.00	30.68 0.84 0.00	32.31 0.66 0.00	35.55 0.83 0.00	38.03 0.93 0.00	39.45 1.22 0.00	44.38 1.46 0.00	48.38 1.73 0.00	51.45 2.17 0.00	67.99 2.74 0.00	80.98 3.36 -1.24	97.03 4.24 -0.67	86.47 3.62 -2.34	78.56 3.24 -1.73	59.09 2.73 -1.71	49.22 1.86 -0.80	40.69 1.34 0.00	35.87 0.94 0.00
WETHRSFD_WT_PWR 323626	31.85 1.17 0.00	29.94 0.81 0.00	27.74 0.46 0.00	26.67 0.13 0.00	26.16 0.29 0.00	27.42 0.30 0.00	29.01 0.54 0.00	30.62 0.77 0.00	32.15 0.50 0.00	35.59 0.87 0.00	37.95 0.85 0.00	39.79 1.57 0.00	44.80 1.89 0.00	48.66 2.00 0.00	51.95 2.66 0.00	68.06 2.80 0.00	82.50 3.82 -2.31	100.48 4.79 -3.56	88.20 4.18 -3.51	78.43 3.90 -0.93	59.01 3.44 -0.93	48.86 1.86 -0.43	40.69 1.34 0.00	35.55 0.63 0.00
WHAVSTOR_138KV_BK127 55557	32.56 1.87 0.00	30.58 1.46 0.00	28.86 1.58 0.00	28.15 1.62 0.00	27.35 1.48 0.00	28.66 1.55 0.00	30.12 1.65 0.00	31.63 1.79 0.00	33.70 2.06 0.00	36.94 2.22 0.00	39.44 2.34 0.00	40.44 2.22 0.00	45.45 2.53 0.00	49.78 3.13 0.00	52.74 3.45 0.00	70.28 5.02 0.00	85.69 5.88 -3.43	98.48 6.36 0.00	91.79 5.31 -5.97	82.64 4.05 -4.99	62.48 2.90 -4.94	51.01 2.14 -2.31	41.16 1.81 0.00	36.91 1.99 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.56 1.87 0.00	30.58 1.46 0.00	28.86 1.58 0.00	28.15 1.62 0.00	27.35 1.48 0.00	28.66 1.55 0.00	30.12 1.65 0.00	31.63 1.79 0.00	33.70 2.06 0.00	36.94 2.22 0.00	39.44 2.34 0.00	40.44 2.22 0.00	45.45 2.53 0.00	49.78 3.13 0.00	52.74 3.45 0.00	70.28 5.02 0.00	85.69 5.88 -3.43	98.48 6.36 0.00	91.79 5.31 -5.97	82.64 4.05 -4.99	62.48 2.90 -4.94	51.01 2.14 -2.31	41.16 1.81 0.00	36.91 1.99 0.00
WHITEHAL_115KV_TB1 80871	33.20 2.52 0.00	31.46 2.33 0.00	29.60 2.32 0.00	28.68 2.15 0.00	28.03 2.15 0.00	29.45 2.33 0.00	31.00 2.53 0.00	32.47 2.63 0.00	34.49 2.85 0.00	37.88 3.16 0.00	40.10 3.01 0.00	41.44 3.21 0.00	46.52 3.61 0.00	51.32 4.67 0.00	54.81 5.52 0.00	72.76 7.50 0.00	97.17 9.32 -11.48	103.64 11.52 0.00	111.01 10.55 -19.96	100.36 10.01 -16.75	78.82 7.60 -16.58	60.54 6.24 -7.74	43.60 4.25 0.00	38.38 3.46 0.00
WHITEPLN_13_KV_LOAD 356215	33.05 2.36 0.00	31.02 1.89 0.00	29.27 1.99 0.00	28.52 1.99 0.00	27.72 1.84 0.00	29.07 1.95 0.00	30.61 2.14 0.00	32.20 2.36 0.00	34.37 2.72 0.00	37.74 3.02 0.00	40.51 3.41 0.00	41.63 3.40 0.00	46.95 4.03 0.00	51.37 4.71 0.00	54.07 4.78 0.00	71.97 6.72 0.00	87.90 7.94 -3.58	100.78 8.66 0.00	94.22 7.49 -6.23	84.77 5.96 -5.21	64.01 4.21 -5.16	52.04 3.07 -2.41	41.91 2.56 0.00	37.58 2.65 0.00
WM_FLOYD_69_KV_BK2 356380	34.99 3.56 -0.74	31.87 2.74 0.00	31.22 3.30 -0.63	29.64 3.10 0.00	28.83 2.95 0.00	30.43 3.28 -0.03	32.23 3.56 -0.20	33.09 3.25 0.00	35.13 3.48 0.00	38.54 3.82 0.00	40.92 3.82 0.00	41.86 3.63 0.00	47.57 3.43 -1.22	51.48 4.81 -0.01	55.75 5.08 -1.39	83.78 6.00 -12.52	113.55 7.10 -30.07	127.28 8.57 -26.59	131.06 7.57 -42.99	119.93 5.67 -40.67	63.81 3.99 -5.18	52.86 3.49 -2.80	44.66 3.19 -2.12	40.54 3.95 -1.68
WOODARD___115KV_TB2 355635	30.41 -0.28 0.00	28.92 -0.20 0.00	26.95 -0.33 0.00	26.19 -0.34 0.00	25.59 -0.28 0.00	26.82 -0.30 0.00	28.24 -0.23 0.00	29.72 -0.12 0.00	31.33 -0.32 0.00	34.48 -0.24 0.00	36.91 -0.19 0.00	38.26 0.04 0.00	43.00 0.09 0.00	46.84 0.19 0.00	49.73 0.44 0.00	65.78 0.52 0.00	80.47 0.76 -3.33	101.17 1.11 -7.94	86.56 0.89 -5.17	74.41 0.81 0.00	56.24 0.82 -0.78	46.98 0.42 0.00	39.55 0.20 0.00	34.89 -0.03 0.00
YORK___WARBASSE 23770	33.46 2.76 -0.01	31.22 2.10 0.00	29.52 2.24 0.00	28.82 2.28 -0.01	27.90 2.02 0.00	29.21 2.09 0.00	30.72 2.25 0.00	32.35 2.51 0.00	34.65 3.01 0.00	38.17 3.44 -0.01	40.62 3.52 0.00	41.55 3.33 0.00	46.44 3.52 0.00	50.76 4.11 0.00	53.62 4.34 0.00	85.43 6.59 -13.59	174.94 7.94 -90.62	100.67 8.48 -0.07	116.48 7.33 -28.65	84.19 5.37 -5.22	176.00 4.10 -117.26	51.76 2.79 -2.41	41.99 2.64 0.00	37.96 3.04 0.00