

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/29/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	59.19	45.82	38.01	38.53	38.79	40.32	44.25	49.99	53.08	72.68	69.48	56.04	70.88	62.39	58.70	59.18	108.10	109.00	95.87	99.46	93.36	108.91	93.66	60.50
24138	4.06	2.78	2.81	2.76	2.73	2.71	2.81	3.18	3.77	5.59	3.87	4.86	4.98	5.16	5.14	5.13	9.91	10.23	9.66	8.79	7.10	6.83	5.71	3.72
	0.00	-4.83	-0.74	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-24.06	-0.59	-13.73	-3.71	-1.75	-0.23	-0.62	-5.17	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	59.40	45.96	38.16	38.66	38.92	40.46	44.40	50.16	53.24	72.89	69.56	56.24	71.08	62.64	58.92	59.42	108.53	109.44	96.27	99.90	93.77	109.38	94.07	60.75
24260	4.27	2.93	2.96	2.89	2.87	2.85	2.96	3.35	3.93	5.79	4.02	5.05	5.19	5.41	5.36	5.37	10.34	10.67	10.06	9.22	7.50	7.30	6.12	3.97
	0.00	-4.82	-0.74	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-24.00	-0.59	-13.73	-3.71	-1.75	-0.23	-0.62	-5.17	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	59.40	45.96	38.16	38.66	38.92	40.46	44.40	50.16	53.24	72.89	69.56	56.24	71.08	62.64	58.92	59.42	108.53	109.44	96.27	99.90	93.77	109.38	94.07	60.75
24261	4.27	2.93	2.96	2.89	2.87	2.85	2.96	3.35	3.93	5.79	4.02	5.05	5.19	5.41	5.36	5.37	10.34	10.67	10.06	9.22	7.50	7.30	6.12	3.97
	0.00	-4.82	-0.74	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-24.00	-0.59	-13.73	-3.71	-1.75	-0.23	-0.62	-5.17	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	58.04	40.10	36.36	37.58	37.87	39.44	43.29	48.57	51.18	68.25	41.08	51.03	28.02	48.29	49.99	55.05	99.84	88.38	90.94	96.19	91.23	107.11	91.94	58.89
24011	2.91	1.90	1.90	1.80	1.82	1.83	1.85	1.76	1.87	2.36	1.12	1.53	1.39	1.65	1.42	1.66	3.44	4.38	4.73	5.51	4.97	5.03	3.98	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	1.10	25.54	6.89	3.25	0.43	1.16	9.61	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	58.36	40.48	36.60	37.75	37.95	39.56	43.47	48.68	51.19	68.02	40.97	50.94	29.25	48.89	50.27	55.41	100.65	90.25	91.51	97.16	92.29	108.07	92.70	59.06
23798	3.23	2.27	2.14	1.97	1.90	1.95	2.04	1.87	1.88	2.12	0.90	1.37	0.96	1.80	1.50	1.99	4.17	5.63	5.30	6.49	6.03	6.00	4.74	2.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.47	1.02	23.87	6.44	3.04	0.40	1.08	8.98	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	58.04	40.10	36.36	37.58	37.87	39.44	43.29	48.57	51.18	68.25	41.08	51.03	28.02	48.29	49.99	55.05	99.84	88.38	90.94	96.19	91.23	107.11	91.94	58.89
24028	2.91	1.90	1.90	1.80	1.82	1.83	1.85	1.76	1.87	2.36	1.12	1.53	1.39	1.65	1.42	1.66	3.44	4.38	4.73	5.51	4.97	5.03	3.98	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	1.10	25.54	6.89	3.25	0.43	1.16	9.61	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	57.49	39.85	36.40	37.64	38.22	39.87	43.59	48.86	51.81	68.91	37.81	48.73	-29.02	32.85	42.75	54.06	96.67	66.27	89.62	95.05	89.67	105.62	91.24	58.40
23527	2.36	1.64	1.95	1.86	2.16	2.26	2.15	2.05	2.50	3.01	1.38	1.69	1.60	1.66	1.47	1.63	2.87	3.81	3.41	4.37	3.40	3.54	3.29	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.11	3.55	82.79	22.34	10.54	1.38	3.76	31.14	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	55.57	38.51	34.95	36.18	36.48	38.01	41.60	46.87	49.48	66.16	41.07	50.45	40.24	50.65	50.73	54.10	98.26	90.50	88.00	92.20	87.23	102.39	88.10	56.78
24190	0.45	0.30	0.49	0.40	0.42	0.39	0.16	0.06	0.17	0.26	0.29	0.38	0.40	0.45	0.49	0.49	1.26	1.53	1.79	1.53	0.97	0.31	0.14	0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.53	12.33	3.33	1.57	0.21	0.56	4.64	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	54.96	38.11	34.19	35.61	35.86	37.42	41.30	46.89	49.49	66.03	41.73	50.78	52.41	53.68	51.79	53.63	96.96	92.20	85.07	90.01	86.23	102.60	87.92	56.93
355683	-0.16	-0.09	-0.27	-0.17	-0.20	-0.20	-0.13	0.08	0.18	0.14	0.19	0.19	0.25	0.15	-0.02	-0.19	-0.60	-1.40	-1.14	-0.66	-0.03	0.52	-0.04	0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	56.84	39.36	35.70	36.99	37.28	38.84	42.53	47.57	50.07	66.81	41.70	51.02	45.36	52.29	51.63	54.49	99.09	92.99	89.04	93.94	89.20	104.78	90.20	58.11
323833	1.71	1.15	1.24	1.21	1.22	1.24	1.10	0.76	0.76	0.91	0.64	0.76	0.78	0.81	0.78	0.80	1.88	2.23	2.84	3.26	2.94	2.70	2.24	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.33	7.58	2.05	0.97	0.13	0.34	2.85	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	56.82	39.35	35.69	36.98	37.27	38.83	42.52	47.56	50.05	66.78	41.69	51.01	45.36	52.27	51.62	54.47	99.09	92.97	89.01	93.92	89.15	104.73	90.17	58.11
323834	1.69	1.15	1.23	1.20	1.22	1.22	1.08	0.75	0.74	0.88	0.63	0.75	0.78	0.79	0.77	0.78	1.88	2.21	2.81	3.24	2.89	2.65	2.22	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.33	7.58	2.05	0.97	0.13	0.34	2.85	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	55.57	38.51	34.95	36.18	36.48	38.01	41.60	46.87	49.48	66.16	41.07	50.45	40.24	50.65	50.73	54.10	98.26	90.50	88.00	92.20	87.23	102.39	88.10	56.78
23571	0.45	0.30	0.49	0.40	0.42	0.39	0.16	0.06	0.17	0.26	0.29	0.38	0.40	0.45	0.49	0.49	1.26	1.53	1.79	1.53	0.97	0.31	0.14	0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.53	12.33	3.33	1.57	0.21	0.56	4.64	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	55.57 0.45 0.00	38.51 0.30 0.00	34.95 0.49 0.00	36.18 0.40 0.00	36.48 0.42 0.00	38.01 0.39 0.00	41.60 0.16 0.00	46.87 0.06 0.00	49.48 0.17 0.00	66.16 0.26 0.00	41.07 0.29 0.76	50.45 0.38 0.53	40.24 0.40 12.33	50.65 0.45 3.33	50.73 0.49 1.57	54.10 0.49 0.21	98.26 1.26 0.56	90.50 1.53 4.64	88.00 1.79 0.00	92.20 1.53 0.00	87.23 0.97 0.00	102.39 0.31 0.00	88.10 0.14 0.00	56.78 0.01 0.00
ALBANY___3 23573	55.57 0.45 0.00	38.51 0.30 0.00	34.95 0.49 0.00	36.18 0.40 0.00	36.48 0.42 0.00	38.01 0.39 0.00	41.60 0.16 0.00	46.87 0.06 0.00	49.48 0.17 0.00	66.16 0.26 0.00	41.07 0.29 0.76	50.45 0.38 0.53	40.24 0.40 12.33	50.65 0.45 3.33	50.73 0.49 1.57	54.10 0.49 0.21	98.26 1.26 0.56	90.50 1.53 4.64	88.00 1.79 0.00	92.20 1.53 0.00	87.23 0.97 0.00	102.39 0.31 0.00	88.10 0.14 0.00	56.78 0.01 0.00
ALBANY___4 23574	55.57 0.45 0.00	38.51 0.30 0.00	34.95 0.49 0.00	36.18 0.40 0.00	36.48 0.42 0.00	38.01 0.39 0.00	41.60 0.16 0.00	46.87 0.06 0.00	49.48 0.17 0.00	66.16 0.26 0.00	41.07 0.29 0.76	50.45 0.38 0.53	40.24 0.40 12.33	50.65 0.45 3.33	50.73 0.49 1.57	54.10 0.49 0.21	98.26 1.26 0.56	90.50 1.53 4.64	88.00 1.79 0.00	92.20 1.53 0.00	87.23 0.97 0.00	102.39 0.31 0.00	88.10 0.14 0.00	56.78 0.01 0.00
ALBANY___LFGE 323615	56.23 1.10 0.00	38.94 0.74 0.00	35.33 0.87 0.00	36.55 0.78 0.00	36.84 0.79 0.00	38.37 0.77 0.00	42.02 0.58 0.00	47.35 0.55 0.00	49.98 0.67 0.00	66.87 0.97 0.00	41.36 0.72 0.90	50.91 0.94 0.63	38.54 0.97 14.60	50.62 1.03 3.94	51.00 1.05 1.86	54.68 1.10 0.24	99.35 2.45 0.66	90.86 2.74 5.49	89.12 2.91 0.00	93.39 2.71 0.00	88.34 2.08 0.00	103.64 1.57 0.00	89.18 1.23 0.00	57.42 0.65 0.00
ALCOA_PA_115KV_PL-6C 55860	55.32 0.19 0.00	38.37 0.16 0.00	34.42 -0.04 0.00	35.82 0.04 0.00	36.08 0.02 0.00	37.64 0.03 0.00	41.55 0.11 0.00	47.17 0.37 0.00	49.77 0.46 0.00	66.33 0.43 0.00	41.93 0.39 0.00	51.04 0.44 0.00	52.67 0.50 0.00	53.92 0.39 0.00	52.01 0.20 0.00	53.84 0.02 0.00	97.23 -0.33 0.00	92.96 -0.65 0.00	85.36 -0.85 0.00	90.38 -0.29 0.00	86.72 0.46 0.00	103.19 1.11 0.00	88.98 1.03 0.00	57.64 0.86 0.00
ALCOA_RYNLDS___DRP 24188	55.32 0.19 0.00	38.37 0.16 0.00	34.42 -0.04 0.00	35.82 0.04 0.00	36.08 0.02 0.00	37.64 0.03 0.00	41.55 0.11 0.00	47.17 0.37 0.00	49.77 0.46 0.00	66.33 0.43 0.00	41.93 0.39 0.00	51.04 0.44 0.00	52.67 0.50 0.00	53.92 0.39 0.00	52.01 0.20 0.00	53.84 0.02 0.00	97.23 -0.33 0.00	92.96 -0.65 0.00	85.36 -0.85 0.00	90.38 -0.29 0.00	86.72 0.46 0.00	103.19 1.11 0.00	88.98 1.03 0.00	57.64 0.86 0.00
ALCOA___DSASP 323711	55.32 0.19 0.00	38.37 0.16 0.00	34.42 -0.04 0.00	35.82 0.04 0.00	36.08 0.02 0.00	37.64 0.03 0.00	41.55 0.11 0.00	47.17 0.36 0.00	49.77 0.46 0.00	66.33 0.43 0.00	41.93 0.39 0.00	51.04 0.44 0.00	52.66 0.50 0.00	53.92 0.39 0.00	52.01 0.20 0.00	53.84 0.02 0.00	97.23 -0.33 0.00	92.96 -0.65 0.00	85.36 -0.85 0.00	90.38 -0.29 0.00	86.72 0.46 0.00	103.19 1.11 0.00	88.98 1.03 0.00	57.64 0.87 0.00
ALLEGHENY___COGEN 23514	57.27 2.15 0.00	39.57 1.36 0.00	35.77 1.31 0.00	36.91 1.13 0.00	36.99 0.94 0.00	38.60 0.99 0.00	42.52 1.08 0.00	47.47 0.66 0.00	48.98 -0.33 0.00	65.66 -0.23 0.00	41.44 -0.11 0.00	50.40 -0.19 0.00	52.04 -0.13 0.00	53.42 -0.11 0.00	51.51 -0.30 0.00	53.39 -0.42 0.00	95.84 -1.72 0.00	92.79 -0.82 0.00	86.05 -0.15 0.00	92.39 1.71 0.00	89.38 3.12 0.00	105.79 3.72 0.00	91.42 3.47 0.00	59.85 3.07 0.00
ALTAMONT_115KV_TB 2 55880	56.26 1.14 0.00	38.96 0.75 0.00	35.35 0.89 0.00	36.62 0.84 0.00	36.90 0.84 0.00	38.43 0.82 0.00	42.18 0.74 0.00	47.48 0.67 0.00	50.06 0.75 0.00	67.00 1.10 0.00	41.81 0.75 0.48	51.25 0.99 0.33	45.43 1.00 7.73	52.50 1.06 2.09	51.90 1.07 0.99	54.78 1.09 0.13	99.52 2.31 0.35	93.19 2.49 2.91	88.88 2.67 0.00	93.22 2.54 0.00	88.27 2.01 0.00	103.70 1.63 0.00	89.30 1.35 0.00	57.57 0.80 0.00
ALTONA_WT_PWR 323606	55.09 -0.03 0.00	38.22 0.01 0.00	34.28 -0.17 0.00	35.58 -0.19 0.00	35.89 -0.17 0.00	37.43 -0.19 0.00	41.27 -0.17 0.00	46.80 0.00 0.00	49.64 0.33 0.00	66.02 0.12 0.00	41.67 0.12 0.00	50.78 0.18 0.00	52.47 0.31 0.00	53.74 0.21 0.00	51.73 -0.08 0.00	53.68 -0.14 0.00	97.39 -0.17 0.00	93.35 -0.26 0.00	85.58 -0.63 0.00	90.81 0.13 0.00	87.03 0.76 0.00	103.29 1.22 0.00	88.89 0.93 0.00	57.57 0.79 0.00
AMERICAN_REF_FUEL 24010	52.52 -2.60 0.00	36.43 -1.77 0.00	33.06 -1.39 0.00	34.16 -1.62 0.00	34.24 -1.82 0.00	35.82 -1.79 0.00	39.47 -1.96 0.00	44.63 -2.18 0.00	46.69 -2.62 0.00	62.75 -3.15 0.00	39.70 -1.84 0.00	48.32 -2.27 0.00	49.79 -2.37 0.00	51.21 -2.32 0.00	49.46 -2.35 0.00	52.00 -1.82 0.00	94.09 -3.47 0.00	90.95 -2.66 0.00	83.61 -2.59 0.00	87.53 -3.15 0.00	83.73 -2.53 0.00	98.77 -3.31 0.00	86.33 -1.63 0.00	55.45 -1.33 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	54.76 -0.36 0.00	37.85 -0.36 0.00	34.28 -0.18 0.00	35.35 -0.42 0.00	35.52 -0.54 0.00	37.08 -0.53 0.00	40.94 -0.50 0.00	46.23 -0.58 0.00	48.36 -0.95 0.00	65.03 -0.87 0.00	41.01 -0.53 0.00	50.20 -0.39 0.00	51.95 -0.22 0.00	53.39 -0.14 0.00	51.89 0.08 0.00	54.62 0.80 0.00	99.44 1.88 0.00	95.80 2.20 0.00	88.37 2.16 0.00	92.39 1.71 0.00	88.13 1.87 0.00	104.07 1.99 0.00	90.34 2.39 0.00	57.95 1.17 0.00
ARTHUR KILL_GT_1 23520	59.03 3.90 0.00	45.65 2.63 -4.82	37.98 2.78 -0.74	38.45 2.67 0.00	38.70 2.64 0.00	40.21 2.59 0.00	44.11 2.67 0.00	49.70 2.89 0.00	52.50 3.19 0.00	72.00 4.91 -1.20	69.23 3.69 -24.00	55.83 4.64 -0.59	70.63 4.74 -13.73	62.30 5.06 -3.71	58.56 5.00 -1.75	59.01 4.96 -0.23	107.52 9.34 -0.62	108.68 9.91 -5.17	95.64 9.43 0.00	99.26 8.58 0.00	93.31 7.05 0.00	108.69 6.61 0.00	93.50 5.55 0.00	60.47 3.69 0.00
ARTHUR_KILL_2 23512	58.80 3.68 0.00	45.50 2.48 -4.82	37.84 2.64 -0.74	38.32 2.54 0.00	38.56 2.50 0.00	40.08 2.47 0.00	43.96 2.52 0.00	49.52 2.71 0.00	52.31 3.00 0.00	71.73 4.64 -1.20	69.06 3.52 -24.00	55.61 4.43 -0.59	70.41 4.52 -13.73	62.05 4.82 -3.71	58.34 4.78 -1.75	58.75 4.70 -0.23	107.07 8.88 -0.62	108.20 9.43 -5.17	95.21 9.00 0.00	98.78 8.10 0.00	92.87 6.60 0.00	108.14 6.06 0.00	93.04 5.08 0.00	60.20 3.43 0.00
ARTHUR_KILL_3 23513	58.63 3.50 0.00	42.76 2.38 -2.18	37.66 2.46 -0.74	38.18 2.40 0.00	38.43 2.38 0.00	39.94 2.33 0.00	43.81 2.37 0.00	49.48 2.67 0.00	52.50 3.19 0.00	71.90 4.81 -1.20	61.65 3.40 -16.71	55.47 4.29 -0.59	70.30 4.41 -13.73	61.83 4.59 -3.71	58.13 4.57 -1.75	58.53 4.48 -0.23	107.04 8.86 -0.62	108.04 9.27 -5.17	94.94 8.73 0.00	98.38 7.70 0.00	92.29 6.03 0.00	107.60 5.53 0.01	92.55 4.60 0.01	59.80 3.03 0.00

ARTHUR_KILL_COGEN 323718	59.03 3.90 0.00	45.66 2.63 -4.82	37.98 2.78 -0.74	38.45 2.68 0.00	38.70 2.64 0.00	40.20 2.59 0.00	44.11 2.67 0.00	49.69 2.88 0.00	52.50 3.19 0.00	71.99 4.91 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.63 4.73 -13.73	62.30 5.06 -3.71	58.56 5.00 -1.75	59.01 4.96 -0.23	107.53 9.34 -0.62	108.66 9.89 -5.17	95.64 9.43 0.00	99.26 8.58 0.00	93.31 7.05 0.00	108.68 6.60 0.00	93.48 5.53 0.00	60.45 3.68 0.00
ASHOKAN____ 23654	58.35 3.23 0.00	40.30 2.10 0.00	36.53 2.07 0.00	37.75 1.97 0.00	37.96 1.91 0.00	39.48 1.87 0.00	43.36 1.93 0.00	48.91 2.10 0.00	51.66 2.35 0.00	69.18 3.28 0.00	44.07 2.53 0.00	53.74 3.15 0.00	55.41 3.25 0.00	57.13 3.60 0.00	55.56 3.75 0.00	57.41 3.59 0.00	105.17 7.60 0.00	101.46 7.86 0.00	94.12 7.91 0.00	98.41 7.73 0.00	92.71 6.45 0.00	108.24 6.16 0.00	92.86 4.90 0.00	59.61 2.83 0.00
ASTORIA_EAST_ENERGY_CC1 323581	59.02 3.90 0.00	45.75 2.72 -4.82	38.00 2.80 -0.74	38.49 2.71 0.00	38.73 2.67 0.00	40.23 2.62 0.00	44.12 2.68 0.00	49.88 3.07 0.00	52.90 3.59 0.00	72.53 5.44 -1.20	69.47 3.80 -24.13	55.85 4.67 -0.59	70.61 4.72 -13.73	62.21 4.97 -3.71	58.54 4.98 -1.75	58.93 4.88 -0.23	107.68 9.49 -0.62	108.72 9.85 -5.26	95.50 9.30 0.00	99.21 8.54 0.00	93.12 6.85 0.00	108.87 6.51 -0.28	93.43 5.48 0.00	60.44 3.67 0.00
ASTORIA_EAST_ENERGY_CC2 323582	59.02 3.90 0.00	45.75 2.72 -4.82	38.00 2.80 -0.74	38.49 2.71 0.00	38.73 2.67 0.00	40.23 2.62 0.00	44.12 2.68 0.00	49.88 3.07 0.00	52.90 3.59 0.00	72.53 5.44 -1.20	69.47 3.80 -24.13	55.85 4.67 -0.59	70.61 4.72 -13.73	62.21 4.97 -3.71	58.54 4.98 -1.75	58.93 4.88 -0.23	107.68 9.49 -0.62	108.72 9.85 -5.26	95.50 9.30 0.00	99.21 8.54 0.00	93.12 6.85 0.00	108.87 6.51 -0.28	93.43 5.48 0.00	60.44 3.67 0.00
ASTORIA_GT2_1 24094	59.05 3.92 0.00	45.78 2.75 -4.82	38.02 2.82 -0.74	38.50 2.72 0.00	38.74 2.69 0.00	40.26 2.65 0.00	44.15 2.71 0.00	49.89 3.09 0.00	52.94 3.62 0.00	72.58 5.48 -1.20	69.49 3.82 -24.13	55.88 4.69 -0.59	70.64 4.74 -13.73	62.25 5.01 -3.71	58.59 5.03 -1.75	58.96 4.91 -0.23	107.72 9.53 -0.62	108.79 9.93 -5.26	95.55 9.34 0.00	99.27 8.59 0.00	93.18 6.91 0.00	108.93 6.57 -0.28	93.47 5.51 0.00	60.49 3.72 0.00
ASTORIA_GT2_2 24095	59.05 3.92 0.00	45.78 2.75 -4.82	38.02 2.82 -0.74	38.50 2.72 0.00	38.74 2.69 0.00	40.26 2.65 0.00	44.15 2.71 0.00	49.89 3.09 0.00	52.94 3.62 0.00	72.58 5.48 -1.20	69.49 3.82 -24.13	55.88 4.69 -0.59	70.64 4.74 -13.73	62.25 5.01 -3.71	58.59 5.03 -1.75	58.96 4.91 -0.23	107.72 9.53 -0.62	108.79 9.93 -5.26	95.55 9.34 0.00	99.27 8.59 0.00	93.18 6.91 0.00	108.93 6.57 -0.28	93.47 5.51 0.00	60.49 3.72 0.00
ASTORIA_GT2_3 24096	59.05 3.92 0.00	45.78 2.75 -4.82	38.02 2.82 -0.74	38.50 2.72 0.00	38.74 2.69 0.00	40.26 2.65 0.00	44.15 2.71 0.00	49.89 3.09 0.00	52.94 3.62 0.00	72.58 5.48 -1.20	69.49 3.82 -24.13	55.88 4.69 -0.59	70.64 4.74 -13.73	62.25 5.01 -3.71	58.59 5.03 -1.75	58.96 4.91 -0.23	107.72 9.53 -0.62	108.79 9.93 -5.26	95.55 9.34 0.00	99.27 8.59 0.00	93.18 6.91 0.00	108.93 6.57 -0.28	93.47 5.51 0.00	60.49 3.72 0.00
ASTORIA_GT2_4 24097	59.05 3.92 0.00	45.78 2.75 -4.82	38.02 2.82 -0.74	38.50 2.72 0.00	38.74 2.69 0.00	40.26 2.65 0.00	44.15 2.71 0.00	49.89 3.09 0.00	52.94 3.62 0.00	72.58 5.48 -1.20	69.49 3.82 -24.13	55.88 4.69 -0.59	70.64 4.74 -13.73	62.25 5.01 -3.71	58.59 5.03 -1.75	58.96 4.91 -0.23	107.72 9.53 -0.62	108.79 9.93 -5.26	95.55 9.34 0.00	99.27 8.59 0.00	93.18 6.91 0.00	108.93 6.57 -0.28	93.47 5.51 0.00	60.49 3.72 0.00
ASTORIA_GT3_1 24098	59.05 3.92 0.00	45.78 2.75 -4.82	38.02 2.82 -0.74	38.50 2.72 0.00	38.74 2.69 0.00	40.26 2.65 0.00	44.15 2.71 0.00	49.89 3.09 0.00	52.94 3.62 0.00	72.58 5.48 -1.20	69.49 3.82 -24.13	55.88 4.69 -0.59	70.64 4.74 -13.73	62.25 5.01 -3.71	58.59 5.03 -1.75	58.96 4.91 -0.23	107.72 9.53 -0.62	108.79 9.93 -5.26	95.55 9.34 0.00	99.27 8.59 0.00	93.18 6.91 0.00	108.93 6.57 -0.28	93.47 5.51 0.00	60.49 3.72 0.00
ASTORIA_GT3_2 24099	59.05 3.92 0.00	45.78 2.75 -4.82	38.02 2.82 -0.74	38.50 2.72 0.00	38.74 2.69 0.00	40.26 2.65 0.00	44.15 2.71 0.00	49.89 3.09 0.00	52.94 3.62 0.00	72.58 5.48 -1.20	69.49 3.82 -24.13	55.88 4.69 -0.59	70.64 4.74 -13.73	62.25 5.01 -3.71	58.59 5.03 -1.75	58.96 4.91 -0.23	107.72 9.53 -0.62	108.79 9.93 -5.26	95.55 9.34 0.00	99.27 8.59 0.00	93.18 6.91 0.00	108.93 6.57 -0.28	93.47 5.51 0.00	60.49 3.72 0.00
ASTORIA_GT3_3 24100	59.05 3.92 0.00	45.78 2.75 -4.82	38.02 2.82 -0.74	38.50 2.72 0.00	38.74 2.69 0.00	40.26 2.65 0.00	44.15 2.71 0.00	49.89 3.09 0.00	52.94 3.62 0.00	72.58 5.48 -1.20	69.49 3.82 -24.13	55.88 4.69 -0.59	70.64 4.74 -13.73	62.25 5.01 -3.71	58.59 5.03 -1.75	58.96 4.91 -0.23	107.72 9.53 -0.62	108.79 9.93 -5.26	95.55 9.34 0.00	99.27 8.59 0.00	93.18 6.91 0.00	108.93 6.57 -0.28	93.47 5.51 0.00	60.49 3.72 0.00
ASTORIA_GT3_4 24101	59.05 3.92 0.00	45.78 2.75 -4.82	38.02 2.82 -0.74	38.50 2.72 0.00	38.74 2.69 0.00	40.26 2.65 0.00	44.15 2.71 0.00	49.89 3.09 0.00	52.94 3.62 0.00	72.58 5.48 -1.20	69.49 3.82 -24.13	55.88 4.69 -0.59	70.64 4.74 -13.73	62.25 5.01 -3.71	58.59 5.03 -1.75	58.96 4.91 -0.23	107.72 9.53 -0.62	108.79 9.93 -5.26	95.55 9.34 0.00	99.27 8.59 0.00	93.18 6.91 0.00	108.93 6.57 -0.28	93.47 5.51 0.00	60.49 3.72 0.00
ASTORIA_GT4_1 24102	59.05 3.92 0.00	45.78 2.75 -4.82	38.02 2.82 -0.74	38.50 2.72 0.00	38.74 2.69 0.00	40.26 2.65 0.00	44.15 2.71 0.00	49.89 3.09 0.00	52.94 3.62 0.00	72.58 5.48 -1.20	69.49 3.82 -24.13	55.88 4.69 -0.59	70.64 4.74 -13.73	62.25 5.01 -3.71	58.59 5.03 -1.75	58.96 4.91 -0.23	107.72 9.53 -0.62	108.79 9.93 -5.26	95.55 9.34 0.00	99.27 8.59 0.00	93.18 6.91 0.00	108.93 6.57 -0.28	93.47 5.51 0.00	60.49 3.72 0.00
ASTORIA_GT4_2 24103	59.05 3.92 0.00	45.78 2.75 -4.82	38.02 2.82 -0.74	38.50 2.72 0.00	38.74 2.69 0.00	40.26 2.65 0.00	44.15 2.71 0.00	49.89 3.09 0.00	52.94 3.62 0.00	72.58 5.48 -1.20	69.49 3.82 -24.13	55.88 4.69 -0.59	70.64 4.74 -13.73	62.25 5.01 -3.71	58.59 5.03 -1.75	58.96 4.91 -0.23	107.72 9.53 -0.62	108.79 9.93 -5.26	95.55 9.34 0.00	99.27 8.59 0.00	93.18 6.91 0.00	108.93 6.57 -0.28	93.47 5.51 0.00	60.49 3.72 0.00
ASTORIA_GT4_3 24104	59.05 3.92 0.00	45.78 2.75 -4.82	38.02 2.82 -0.74	38.50 2.72 0.00	38.74 2.69 0.00	40.26 2.65 0.00	44.15 2.71 0.00	49.89 3.09 0.00	52.94 3.62 0.00	72.58 5.48 -1.20	69.49 3.82 -24.13	55.88 4.69 -0.59	70.64 4.74 -13.73	62.25 5.01 -3.71	58.59 5.03 -1.75	58.96 4.91 -0.23	107.72 9.53 -0.62	108.79 9.93 -5.26	95.55 9.34 0.00	99.27 8.59 0.00	93.18 6.91 0.00	108.93 6.57 -0.28	93.47 5.51 0.00	60.49 3.72 0.00

ASTORIA_GT4_4 24105	59.05 3.92 0.00	45.78 2.75 -4.82	38.02 2.82 -0.74	38.50 2.72 0.00	38.74 2.69 0.00	40.26 2.65 0.00	44.15 2.71 0.00	49.89 3.09 0.00	52.94 3.62 0.00	72.58 5.48 -1.20	69.49 3.82 -24.13	55.88 4.69 -0.59	70.64 4.74 -13.73	62.25 5.01 -3.71	58.59 5.03 -1.75	58.96 4.91 -0.23	107.72 9.53 -0.62	108.79 9.93 -5.26	95.55 9.34 0.00	99.27 8.59 0.00	93.18 6.91 0.00	108.93 6.57 -0.28	93.47 5.51 0.00	60.49 3.72 0.00
ASTORIA_GT_1 23523	59.19 4.06 0.00	45.86 2.83 -4.82	38.09 2.89 -0.74	38.57 2.79 0.00	38.82 2.76 0.00	40.34 2.72 0.00	44.23 2.79 0.00	50.00 3.19 0.00	53.04 3.73 0.00	72.73 5.64 -1.20	69.61 3.94 -24.13	56.01 4.82 -0.59	70.78 4.88 -13.73	62.37 5.13 -3.71	58.71 5.15 -1.75	59.11 5.06 -0.23	107.97 9.79 -0.62	109.06 10.20 -5.26	95.80 9.59 0.00	99.52 8.85 0.00	93.42 7.15 0.00	109.22 6.86 -0.28	93.71 5.76 0.00	60.63 3.86 0.00
ASTORIA_GT_10 24110	58.86 3.74 0.00	45.63 2.60 -4.82	37.90 2.70 -0.74	38.38 2.61 0.00	38.64 2.59 0.00	40.14 2.53 0.00	44.03 2.60 0.00	49.74 2.93 0.00	52.74 3.43 0.00	72.24 5.14 -1.20	69.20 3.66 -24.00	55.76 4.57 -0.59	70.57 4.68 -13.73	62.13 4.89 -3.71	58.42 4.86 -1.75	58.83 4.78 -0.23	107.41 9.23 -0.62	108.42 9.65 -5.17	95.32 9.11 0.00	98.94 8.26 0.00	92.89 6.62 0.00	108.28 6.20 0.00	93.15 5.19 0.00	60.24 3.46 0.00
ASTORIA_GT_11 24225	58.86 3.74 0.00	45.63 2.60 -4.82	37.90 2.70 -0.74	38.38 2.61 0.00	38.64 2.59 0.00	40.14 2.53 0.00	44.03 2.60 0.00	49.74 2.93 0.00	52.74 3.43 0.00	72.24 5.14 -1.20	69.20 3.66 -24.00	55.76 4.57 -0.59	70.57 4.68 -13.73	62.13 4.89 -3.71	58.42 4.86 -1.75	58.83 4.78 -0.23	107.41 9.23 -0.62	108.42 9.65 -5.17	95.32 9.11 0.00	98.94 8.26 0.00	92.89 6.62 0.00	108.28 6.20 0.00	93.15 5.19 0.00	60.24 3.46 0.00
ASTORIA_GT_12 24226	58.86 3.74 0.00	45.63 2.60 -4.82	37.90 2.70 -0.74	38.38 2.61 0.00	38.64 2.59 0.00	40.14 2.53 0.00	44.03 2.60 0.00	49.74 2.93 0.00	52.74 3.43 0.00	72.24 5.14 -1.20	69.20 3.66 -24.00	55.76 4.57 -0.59	70.57 4.68 -13.73	62.13 4.89 -3.71	58.42 4.86 -1.75	58.83 4.78 -0.23	107.41 9.23 -0.62	108.42 9.65 -5.17	95.32 9.11 0.00	98.94 8.26 0.00	92.89 6.62 0.00	108.28 6.20 0.00	93.15 5.19 0.00	60.24 3.46 0.00
ASTORIA_GT_13 24227	58.86 3.74 0.00	45.63 2.60 -4.82	37.90 2.70 -0.74	38.38 2.61 0.00	38.64 2.59 0.00	40.14 2.53 0.00	44.03 2.60 0.00	49.74 2.93 0.00	52.74 3.43 0.00	72.24 5.14 -1.20	69.20 3.66 -24.00	55.76 4.57 -0.59	70.57 4.68 -13.73	62.13 4.89 -3.71	58.42 4.86 -1.75	58.83 4.78 -0.23	107.41 9.23 -0.62	108.42 9.65 -5.17	95.32 9.11 0.00	98.94 8.26 0.00	92.89 6.62 0.00	108.28 6.20 0.00	93.15 5.19 0.00	60.24 3.46 0.00
ASTORIA_GT_5 24106	59.19 4.06 0.00	45.86 2.83 -4.82	38.09 2.89 -0.74	38.57 2.79 0.00	38.82 2.76 0.00	40.34 2.72 0.00	44.23 2.79 0.00	50.00 3.19 0.00	53.04 3.73 0.00	72.73 5.64 -1.20	69.61 3.94 -24.13	56.01 4.82 -0.59	70.78 4.88 -13.73	62.37 5.13 -3.71	58.71 5.15 -1.75	59.11 5.06 -0.23	107.97 9.79 -0.62	109.06 10.20 -5.26	95.80 9.59 0.00	99.52 8.85 0.00	93.42 7.15 0.00	109.22 6.86 -0.28	93.71 5.76 0.00	60.63 3.86 0.00
ASTORIA_GT_7 24107	59.19 4.06 0.00	45.86 2.83 -4.82	38.09 2.89 -0.74	38.57 2.79 0.00	38.82 2.76 0.00	40.34 2.72 0.00	44.23 2.79 0.00	50.00 3.19 0.00	53.04 3.73 0.00	72.73 5.64 -1.20	69.61 3.94 -24.13	56.01 4.82 -0.59	70.78 4.88 -13.73	62.37 5.13 -3.71	58.71 5.15 -1.75	59.11 5.06 -0.23	107.97 9.79 -0.62	109.06 10.20 -5.26	95.80 9.59 0.00	99.52 8.85 0.00	93.42 7.15 0.00	109.22 6.86 -0.28	93.71 5.76 0.00	60.63 3.86 0.00
ASTORIA_GT_8 24108	59.19 4.06 0.00	45.86 2.83 -4.82	38.09 2.89 -0.74	38.57 2.79 0.00	38.82 2.76 0.00	40.34 2.72 0.00	44.23 2.79 0.00	50.00 3.19 0.00	53.04 3.73 0.00	72.73 5.64 -1.20	69.61 3.94 -24.13	56.01 4.82 -0.59	70.78 4.88 -13.73	62.37 5.13 -3.71	58.71 5.15 -1.75	59.11 5.06 -0.23	107.97 9.79 -0.62	109.06 10.20 -5.26	95.80 9.59 0.00	99.52 8.85 0.00	93.42 7.15 0.00	109.22 6.86 -0.28	93.71 5.76 0.00	60.63 3.86 0.00
ASTORIA___2 24149	59.05 3.92 0.00	45.78 2.75 -4.82	38.02 2.82 -0.74	38.50 2.72 0.00	38.74 2.69 0.00	40.26 2.65 0.00	44.15 2.71 0.00	49.90 3.09 0.00	52.93 3.62 0.00	72.57 5.48 -1.20	69.49 3.82 -24.13	55.88 4.69 -0.59	70.64 4.74 -13.73	62.24 5.00 -3.71	58.59 5.03 -1.75	58.96 4.91 -0.23	107.73 9.54 -0.62	108.78 9.91 -5.26	95.55 9.34 0.00	99.27 8.59 0.00	93.17 6.90 0.00	108.92 6.56 -0.28	93.48 5.52 0.00	60.48 3.70 0.00
ASTORIA___3 23516	58.86 3.74 0.00	45.63 2.60 -4.82	37.90 2.70 -0.74	38.39 2.61 0.00	38.64 2.58 0.00	40.14 2.53 0.00	44.03 2.60 0.00	49.74 2.93 0.00	52.74 3.43 0.00	72.24 5.14 -1.20	69.20 3.66 -24.00	55.75 4.57 -0.59	70.57 4.68 -13.73	62.13 4.89 -3.71	58.42 4.86 -1.75	58.84 4.79 -0.23	107.42 9.24 -0.62	108.42 9.65 -5.17	95.32 9.11 0.00	98.94 8.26 0.00	92.88 6.62 0.00	108.27 6.19 0.00	93.15 5.20 0.00	60.22 3.45 0.00
ASTORIA___4 23517	58.86 3.74 0.00	45.63 2.60 -4.82	37.90 2.70 -0.74	38.38 2.61 0.00	38.64 2.59 0.00	40.14 2.53 0.00	44.03 2.60 0.00	49.74 2.93 0.00	52.74 3.43 0.00	72.24 5.14 -1.20	69.20 3.66 -24.00	55.76 4.57 -0.59	70.57 4.68 -13.73	62.13 4.89 -3.71	58.42 4.86 -1.75	58.83 4.78 -0.23	107.41 9.23 -0.62	108.42 9.65 -5.17	95.32 9.11 0.00	98.94 8.26 0.00	92.89 6.62 0.00	108.28 6.20 0.00	93.15 5.19 0.00	60.24 3.46 0.00
ASTORIA___5 23518	58.86 3.74 0.00	45.63 2.60 -4.82	37.90 2.70 -0.74	38.39 2.61 0.00	38.64 2.58 0.00	40.14 2.53 0.00	44.03 2.60 0.00	49.74 2.93 0.00	52.74 3.43 0.00	72.22 5.13 -1.20	69.19 3.65 -24.00	55.75 4.57 -0.59	70.56 4.67 -13.73	62.12 4.88 -3.71	58.42 4.86 -1.75	58.84 4.79 -0.23	107.42 9.24 -0.62	108.42 9.65 -5.17	95.31 9.10 0.00	98.94 8.26 0.00	92.88 6.62 0.00	108.26 6.18 0.00	93.15 5.20 0.00	60.22 3.45 0.00
AST_ENERGY_2_CC3 323677	58.82 3.69 0.00	45.56 2.53 -4.83	37.78 2.59 -0.74	38.30 2.52 0.00	38.55 2.49 0.00	40.06 2.45 0.00	43.96 2.52 0.00	49.65 2.84 0.00	52.69 3.38 0.00	72.16 5.07 -1.20	69.12 3.55 -24.03	55.63 4.45 -0.59	70.46 4.56 -13.73	61.98 4.74 -3.71	58.29 4.73 -1.75	58.74 4.69 -0.23	107.32 9.14 -0.62	108.26 9.49 -5.17	95.18 8.97 0.00	98.76 8.08 0.00	92.68 6.42 0.00	108.10 6.02 0.00	93.01 5.05 0.00	60.08 3.31 0.00
AST_ENERGY_2_CC4 323678	58.82 3.69 0.00	45.56 2.53 -4.83	37.78 2.59 -0.74	38.30 2.52 0.00	38.55 2.49 0.00	40.06 2.45 0.00	43.96 2.52 0.00	49.65 2.84 0.00	52.69 3.38 0.00	72.16 5.07 -1.20	69.12 3.55 -24.03	55.63 4.45 -0.59	70.46 4.56 -13.73	61.98 4.74 -3.71	58.29 4.73 -1.75	58.74 4.69 -0.23	107.32 9.14 -0.62	108.26 9.49 -5.17	95.18 8.97 0.00	98.76 8.08 0.00	92.68 6.42 0.00	108.10 6.02 0.00	93.01 5.05 0.00	60.08 3.31 0.00

ATHENS_STG_1 23668	56.72 1.59 0.00	39.27 1.07 0.00	35.68 1.23 0.00	36.97 1.20 0.00	37.26 1.20 0.00	38.79 1.18 0.00	42.56 1.12 0.00	47.93 1.13 0.00	50.63 1.32 0.00	67.86 1.97 0.00	43.31 1.34 -0.43	52.64 1.75 -0.30	60.82 1.80 -6.86	57.26 1.88 -1.85	54.57 1.88 -0.87	55.80 1.87 -0.11	101.66 3.79 -0.31	100.07 3.89 -2.58	90.09 3.88 0.00	94.19 3.51 0.00	88.97 2.70 0.00	104.28 2.20 0.00	89.86 1.91 0.00	57.95 1.17 0.00
ATHENS_STG_2 23670	56.72 1.59 0.00	39.27 1.07 0.00	35.68 1.23 0.00	36.97 1.20 0.00	37.26 1.20 0.00	38.79 1.18 0.00	42.56 1.12 0.00	47.93 1.13 0.00	50.63 1.32 0.00	67.86 1.97 0.00	43.31 1.34 -0.43	52.64 1.75 -0.30	60.82 1.80 -6.86	57.26 1.88 -1.85	54.57 1.88 -0.87	55.80 1.87 -0.11	101.66 3.79 -0.31	100.07 3.89 -2.58	90.09 3.88 0.00	94.19 3.51 0.00	88.97 2.70 0.00	104.28 2.20 0.00	89.86 1.91 0.00	57.95 1.17 0.00
ATHENS_STG_3 23677	56.72 1.59 0.00	39.27 1.07 0.00	35.68 1.23 0.00	36.97 1.20 0.00	37.26 1.20 0.00	38.79 1.18 0.00	42.56 1.12 0.00	47.93 1.13 0.00	50.63 1.32 0.00	67.86 1.97 0.00	43.31 1.34 -0.43	52.64 1.75 -0.30	60.82 1.80 -6.86	57.26 1.88 -1.85	54.57 1.88 -0.87	55.80 1.87 -0.11	101.66 3.79 -0.31	100.07 3.89 -2.58	90.09 3.88 0.00	94.19 3.51 0.00	88.97 2.70 0.00	104.28 2.20 0.00	89.86 1.91 0.00	57.95 1.17 0.00
AUBURN___LFGE 323710	55.34 0.21 0.00	38.37 0.16 0.00	34.80 0.34 0.00	35.94 0.16 0.00	36.28 0.22 0.00	37.82 0.21 0.00	41.70 0.26 0.00	46.80 -0.01 0.00	49.18 -0.13 0.00	65.76 -0.14 0.00	41.39 -0.15 0.00	50.29 -0.30 0.00	51.80 -0.37 0.00	53.04 -0.49 0.00	51.62 -0.20 0.00	53.84 0.02 0.00	97.95 0.39 0.00	94.45 0.85 0.00	87.33 1.10 -0.02	92.51 1.44 -0.39	88.36 1.47 -0.62	105.79 1.32 -2.39	90.69 1.05 -1.69	57.34 0.55 -0.02
BABYLON_RES_REC 323704	59.30 4.17 0.00	46.22 3.21 -4.80	38.39 3.20 -0.74	38.84 3.06 0.00	39.03 2.97 0.00	40.53 2.92 0.00	44.58 3.15 0.00	50.57 3.76 0.00	53.78 4.47 0.00	86.16 6.33 -13.94	76.04 4.23 -30.27	59.38 4.92 -3.87	85.51 4.75 -28.60	84.69 4.90 -26.26	84.22 4.92 -27.49	59.10 4.49 -0.79	106.96 8.78 -0.62	107.12 8.55 -4.96	94.60 8.39 0.00	97.78 7.11 0.00	91.53 5.27 0.00	105.73 4.40 0.75	90.63 3.82 1.14	59.82 3.05 0.00
BALL_HILL_WT_PWR 323825	54.01 -1.12 0.00	37.37 -0.84 0.00	33.88 -0.57 0.00	34.97 -0.81 0.00	35.10 -0.96 0.00	36.66 -0.95 0.00	40.44 -0.99 0.00	45.70 -1.11 0.00	47.82 -1.49 0.00	64.27 -1.63 0.00	40.55 -0.99 0.00	49.55 -1.05 0.00	51.21 -0.96 0.00	52.65 -0.88 0.00	51.08 -0.74 0.00	53.75 -0.07 0.00	97.72 0.16 0.00	94.13 0.53 0.00	86.77 0.56 0.00	90.72 0.05 0.00	86.53 0.27 0.00	102.20 0.12 0.00	88.85 0.89 0.00	57.07 0.30 0.00
BARON_WINDS___WT_PWR 323822	54.42 -0.71 0.00	37.75 -0.46 0.00	34.22 -0.24 0.00	35.29 -0.48 0.00	35.42 -0.64 0.00	36.90 -0.71 0.00	40.78 -0.65 0.00	45.90 -0.91 0.00	47.87 -1.44 0.00	64.17 -1.73 0.00	40.39 -1.15 0.00	49.18 -1.41 0.00	50.78 -1.39 0.00	52.12 -1.42 0.00	50.59 -1.23 0.00	53.04 -0.78 0.00	96.55 -1.01 0.00	93.02 -0.58 0.00	86.39 0.18 0.00	91.04 0.36 0.00	86.94 0.68 0.00	102.61 0.54 0.00	88.75 0.80 0.00	57.19 0.42 0.00
BARRETT_IC_1 23704	58.74 3.62 0.00	45.77 2.76 -4.80	37.96 2.76 -0.74	38.44 2.66 0.00	38.65 2.60 0.00	40.16 2.55 0.00	44.14 2.70 0.00	49.99 3.18 0.00	53.15 3.84 0.00	85.38 5.54 -13.94	82.34 3.64 -37.15	58.97 4.50 -3.87	85.32 4.56 -28.60	84.37 4.58 -26.26	97.09 4.56 -40.73	154.60 4.42 -96.36	192.46 8.89 -86.02	132.57 8.47 -30.49	94.40 8.19 0.00	97.70 7.02 0.00	91.67 5.41 0.00	108.33 4.70 -1.55	155.61 4.34 -63.32	130.07 2.96 -70.34
BARRETT_IC_10 23701	58.74 3.62 0.00	45.77 2.76 -4.80	37.96 2.76 -0.74	38.44 2.66 0.00	38.65 2.60 0.00	40.16 2.55 0.00	44.14 2.70 0.00	49.99 3.18 0.00	53.15 3.84 0.00	85.38 5.54 -13.94	73.23 3.64 -28.04	58.97 4.50 -3.87	85.32 4.56 -28.60	84.37 4.58 -26.26	86.90 4.56 -30.54	82.00 4.42 -23.76	127.59 8.89 -21.15	107.25 8.47 -5.17	94.40 8.19 0.00	97.69 7.02 0.00	91.67 5.41 0.00	88.63 4.70 18.15	155.61 4.34 -63.32	130.07 2.96 -70.34
BARRETT_IC_11 23702	58.74 3.62 0.00	45.77 2.76 -4.80	37.96 2.76 -0.74	38.44 2.66 0.00	38.65 2.60 0.00	40.16 2.55 0.00	44.14 2.70 0.00	49.99 3.18 0.00	53.15 3.84 0.00	85.38 5.54 -13.94	73.23 3.64 -28.04	58.97 4.50 -3.87	85.32 4.56 -28.60	84.37 4.58 -26.26	86.90 4.56 -30.54	82.00 4.42 -23.76	127.59 8.89 -21.15	107.25 8.47 -5.17	94.40 8.19 0.00	97.69 7.02 0.00	91.67 5.41 0.00	88.63 4.70 18.15	155.61 4.34 -63.32	130.07 2.96 -70.34
BARRETT_IC_12 23703	58.74 3.62 0.00	45.77 2.76 -4.80	37.96 2.76 -0.74	38.44 2.66 0.00	38.65 2.60 0.00	40.16 2.55 0.00	44.14 2.70 0.00	49.99 3.18 0.00	53.15 3.84 0.00	85.38 5.54 -13.94	73.23 3.64 -28.04	58.97 4.50 -3.87	85.32 4.56 -28.60	84.37 4.58 -26.26	86.90 4.56 -30.54	82.00 4.42 -23.76	127.59 8.89 -21.15	107.25 8.47 -5.17	94.40 8.19 0.00	97.69 7.02 0.00	91.67 5.41 0.00	88.63 4.70 18.15	155.61 4.34 -63.32	130.07 2.96 -70.34
BARRETT_IC_2 23705	58.74 3.62 0.00	45.77 2.76 -4.80	37.96 2.76 -0.74	38.44 2.66 0.00	38.65 2.60 0.00	40.16 2.55 0.00	44.14 2.70 0.00	49.99 3.18 0.00	53.15 3.84 0.00	85.38 5.54 -13.94	82.34 3.64 -37.15	58.97 4.50 -3.87	85.32 4.56 -28.60	84.37 4.58 -26.26	97.09 4.56 -40.73	154.60 4.42 -96.36	192.46 8.89 -86.02	132.57 8.47 -30.49	94.40 8.19 0.00	97.70 7.02 0.00	91.67 5.41 0.00	108.33 4.70 -1.55	155.61 4.34 -63.32	130.07 2.96 -70.34
BARRETT_IC_3 23706	58.74 3.62 0.00	45.77 2.76 -4.80	37.96 2.76 -0.74	38.44 2.66 0.00	38.65 2.60 0.00	40.16 2.55 0.00	44.14 2.70 0.00	49.99 3.18 0.00	53.15 3.84 0.00	85.38 5.54 -13.94	82.34 3.64 -37.15	58.97 4.50 -3.87	85.32 4.56 -28.60	84.37 4.58 -26.26	97.09 4.56 -40.73	154.60 4.42 -96.36	192.46 8.89 -86.02	132.57 8.47 -30.49	94.40 8.19 0.00	97.70 7.02 0.00	91.67 5.41 0.00	108.33 4.70 -1.55	155.61 4.34 -63.32	130.07 2.96 -70.34
BARRETT_IC_4 23707	58.74 3.62 0.00	45.77 2.76 -4.80	37.96 2.76 -0.74	38.44 2.66 0.00	38.65 2.60 0.00	40.16 2.55 0.00	44.14 2.70 0.00	49.99 3.18 0.00	53.15 3.84 0.00	85.38 5.54 -13.94	82.34 3.64 -37.15	58.97 4.50 -3.87	85.32 4.56 -28.60	84.37 4.58 -26.26	97.09 4.56 -40.73	154.60 4.42 -96.36	192.46 8.89 -86.02	132.57 8.47 -30.49	94.40 8.19 0.00	97.70 7.02 0.00	91.67 5.41 0.00	108.33 4.70 -1.55	155.61 4.34 -63.32	130.07 2.96 -70.34
BARRETT_IC_5 23708	58.74 3.62 0.00	45.77 2.76 -4.80	37.96 2.76 -0.74	38.44 2.66 0.00	38.65 2.60 0.00	40.16 2.55 0.00	44.14 2.70 0.00	49.99 3.18 0.00	53.15 3.84 0.00	85.38 5.54 -13.94	82.34 3.64 -37.15	58.97 4.50 -3.87	85.32 4.56 -28.60	84.37 4.58 -26.26	97.09 4.56 -40.73	154.60 4.42 -96.36	192.46 8.89 -86.02	132.57 8.47 -30.49	94.40 8.19 0.00	97.70 7.02 0.00	91.67 5.41 0.00	108.33 4.70 -1.55	155.61 4.34 -63.32	130.07 2.96 -70.34

BARRETT_IC_6 23709	58.74 3.62 0.00	45.77 2.76 -4.80	37.96 2.76 -0.74	38.44 2.66 0.00	38.65 2.60 0.00	40.16 2.55 0.00	44.14 2.70 0.00	49.99 3.18 0.00	53.15 3.84 0.00	85.38 5.54 -13.94	82.34 3.64 -37.15	58.97 4.50 -3.87	85.32 4.56 -28.60	84.37 4.58 -26.26	97.09 4.56 -40.73	154.60 4.42 -96.36	192.46 8.89 -86.02	132.57 8.47 -30.49	94.40 8.19 0.00	97.70 7.02 0.00	91.67 5.41 0.00	108.33 4.70 -1.55	155.61 4.34 -63.32	130.07 2.96 -70.34
BARRETT_IC_7 23710	58.74 3.61 0.00	45.76 2.76 -4.80	37.95 2.76 -0.74	38.44 2.66 0.00	38.66 2.60 0.00	40.16 2.55 0.00	44.14 2.70 0.00	49.99 3.18 0.00	53.15 3.84 0.00	85.38 5.54 -13.94	82.35 3.65 -37.15	58.96 4.50 -3.87	85.32 4.56 -28.60	84.39 4.60 -26.26	97.14 4.60 -40.73	154.65 4.46 -96.36	192.58 9.00 -86.02	132.63 8.53 -30.49	94.40 8.19 0.00	97.70 7.02 0.00	91.69 5.43 0.00	108.41 4.79 -1.55	156.03 4.76 -63.32	130.35 3.23 -70.34
BARRETT_IC_8 23711	58.74 3.62 0.00	45.77 2.76 -4.80	37.96 2.76 -0.74	38.44 2.66 0.00	38.65 2.60 0.00	40.16 2.55 0.00	44.14 2.70 0.00	49.99 3.18 0.00	53.15 3.84 0.00	85.38 5.54 -13.94	82.34 3.64 -37.15	58.97 4.50 -3.87	85.32 4.56 -28.60	84.37 4.58 -26.26	97.09 4.56 -40.73	154.60 4.42 -96.36	192.46 8.89 -86.02	132.57 8.47 -30.49	94.40 8.19 0.00	97.70 7.02 0.00	91.67 5.41 0.00	108.33 4.70 -1.55	155.61 4.34 -63.32	130.07 2.96 -70.34
BARRETT_IC_9 23700	58.74 3.62 0.00	45.77 2.76 -4.80	37.96 2.76 -0.74	38.44 2.66 0.00	38.65 2.60 0.00	40.16 2.55 0.00	44.14 2.70 0.00	49.99 3.18 0.00	53.15 3.84 0.00	85.38 5.54 -13.94	73.23 3.64 -28.04	58.97 4.50 -3.87	85.32 4.56 -28.60	84.37 4.58 -26.26	86.90 4.56 -30.54	82.00 4.42 -23.76	127.59 8.89 -21.15	107.25 8.47 -5.17	94.40 8.19 0.00	97.69 7.02 0.00	91.67 5.41 0.00	88.63 4.70 18.15	155.61 4.34 -63.32	130.07 2.96 -70.34
BARRETT___1 23545	58.74 3.62 0.00	45.77 2.76 -4.80	37.96 2.76 -0.74	38.44 2.66 0.00	38.65 2.60 0.00	40.16 2.55 0.00	44.14 2.70 0.00	49.99 3.18 0.00	53.15 3.84 0.00	85.38 5.54 -13.94	82.34 3.64 -37.15	58.97 4.50 -3.87	85.32 4.56 -28.60	84.37 4.58 -26.26	97.09 4.56 -40.73	154.60 4.42 -96.36	192.46 8.89 -86.02	132.57 8.47 -30.49	94.40 8.19 0.00	97.70 7.02 0.00	91.67 5.41 0.00	108.33 4.70 -1.55	155.61 4.34 -63.32	130.07 2.96 -70.34
BARRETT___2 23546	58.74 3.62 0.00	45.77 2.76 -4.80	37.96 2.76 -0.74	38.44 2.66 0.00	38.65 2.60 0.00	40.16 2.55 0.00	44.14 2.70 0.00	49.99 3.18 0.00	53.15 3.84 0.00	85.38 5.54 -13.94	73.23 3.64 -28.04	58.97 4.50 -3.87	85.32 4.56 -28.60	84.37 4.58 -26.26	86.90 4.56 -30.54	82.00 4.42 -23.76	127.59 8.89 -21.15	107.25 8.47 -5.17	94.40 8.19 0.00	97.69 7.02 0.00	91.67 5.41 0.00	88.63 4.70 18.15	155.61 4.34 -63.32	130.07 2.96 -70.34
BATAVIA___115KV_TB1 55881	55.17 0.04 0.00	38.16 -0.04 0.00	34.55 0.09 0.00	35.68 -0.10 0.00	35.78 -0.27 0.00	37.37 -0.24 0.00	41.15 -0.29 0.00	46.38 -0.43 0.00	48.41 -0.90 0.00	64.87 -1.03 0.00	40.93 -0.61 0.00	49.86 -0.74 0.00	51.47 -0.70 0.00	53.03 -0.50 0.00	51.33 -0.48 0.00	54.01 0.19 0.00	98.20 0.64 0.00	95.22 1.61 0.00	88.08 1.88 0.00	92.89 2.21 0.00	88.95 2.69 0.00	104.84 2.77 0.00	91.04 3.09 0.00	58.27 1.50 0.00
BAYONEEC___CTG1 323682	58.89 3.76 0.00	45.61 2.58 -4.83	37.84 2.64 -0.74	38.35 2.57 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.01 2.58 0.00	49.71 2.90 0.00	52.75 3.44 0.00	72.23 5.13 -1.20	69.17 3.60 -24.03	55.72 4.53 -0.59	70.51 4.62 -13.73	62.05 4.82 -3.71	58.34 4.78 -1.75	58.79 4.74 -0.23	107.44 9.25 -0.62	108.38 9.61 -5.17	95.29 9.08 0.00	98.84 8.16 0.00	92.74 6.47 0.00	108.19 6.11 0.00	93.06 5.11 0.00	60.14 3.37 0.00
BAYONEEC___CTG10 323750	58.89 3.76 0.00	45.61 2.58 -4.83	37.84 2.64 -0.74	38.35 2.57 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.01 2.58 0.00	49.71 2.90 0.00	52.75 3.44 0.00	72.23 5.13 -1.20	69.17 3.60 -24.03	55.72 4.53 -0.59	70.51 4.62 -13.73	62.05 4.82 -3.71	58.34 4.78 -1.75	58.79 4.74 -0.23	107.44 9.25 -0.62	108.38 9.61 -5.17	95.29 9.08 0.00	98.84 8.16 0.00	92.74 6.47 0.00	108.19 6.11 0.00	93.06 5.11 0.00	60.14 3.37 0.00
BAYONEEC___CTG2 323683	58.89 3.76 0.00	45.61 2.58 -4.83	37.84 2.64 -0.74	38.35 2.57 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.01 2.58 0.00	49.71 2.90 0.00	52.75 3.44 0.00	72.23 5.13 -1.20	69.17 3.60 -24.03	55.72 4.53 -0.59	70.51 4.62 -13.73	62.05 4.82 -3.71	58.34 4.78 -1.75	58.79 4.74 -0.23	107.44 9.25 -0.62	108.38 9.61 -5.17	95.29 9.08 0.00	98.84 8.16 0.00	92.74 6.47 0.00	108.19 6.11 0.00	93.06 5.11 0.00	60.14 3.37 0.00
BAYONEEC___CTG3 323684	58.89 3.76 0.00	45.61 2.58 -4.83	37.84 2.64 -0.74	38.35 2.57 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.01 2.58 0.00	49.71 2.90 0.00	52.75 3.44 0.00	72.23 5.13 -1.20	69.17 3.60 -24.03	55.72 4.53 -0.59	70.51 4.62 -13.73	62.05 4.82 -3.71	58.34 4.78 -1.75	58.79 4.74 -0.23	107.44 9.25 -0.62	108.38 9.61 -5.17	95.29 9.08 0.00	98.84 8.16 0.00	92.74 6.47 0.00	108.19 6.11 0.00	93.06 5.11 0.00	60.14 3.37 0.00
BAYONEEC___CTG4 323685	58.89 3.76 0.00	45.61 2.58 -4.83	37.84 2.64 -0.74	38.35 2.57 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.01 2.58 0.00	49.71 2.90 0.00	52.75 3.44 0.00	72.23 5.13 -1.20	69.17 3.60 -24.03	55.72 4.53 -0.59	70.51 4.62 -13.73	62.05 4.82 -3.71	58.34 4.78 -1.75	58.79 4.74 -0.23	107.44 9.25 -0.62	108.38 9.61 -5.17	95.29 9.08 0.00	98.84 8.16 0.00	92.74 6.47 0.00	108.19 6.11 0.00	93.06 5.11 0.00	60.14 3.37 0.00
BAYONEEC___CTG5 323686	58.89 3.76 0.00	45.61 2.58 -4.83	37.84 2.64 -0.74	38.35 2.57 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.01 2.58 0.00	49.71 2.90 0.00	52.75 3.44 0.00	72.23 5.13 -1.20	69.17 3.60 -24.03	55.72 4.53 -0.59	70.51 4.62 -13.73	62.05 4.82 -3.71	58.34 4.78 -1.75	58.79 4.74 -0.23	107.44 9.25 -0.62	108.38 9.61 -5.17	95.29 9.08 0.00	98.84 8.16 0.00	92.74 6.47 0.00	108.19 6.11 0.00	93.06 5.11 0.00	60.14 3.37 0.00
BAYONEEC___CTG6 323687	58.89 3.76 0.00	45.61 2.58 -4.83	37.84 2.64 -0.74	38.35 2.57 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.01 2.58 0.00	49.71 2.90 0.00	52.75 3.44 0.00	72.23 5.13 -1.20	69.17 3.60 -24.03	55.72 4.53 -0.59	70.51 4.62 -13.73	62.05 4.82 -3.71	58.34 4.78 -1.75	58.79 4.74 -0.23	107.44 9.25 -0.62	108.38 9.61 -5.17	95.29 9.08 0.00	98.84 8.16 0.00	92.74 6.47 0.00	108.19 6.11 0.00	93.06 5.11 0.00	60.14 3.37 0.00
BAYONEEC___CTG7 323688	58.89 3.76 0.00	45.61 2.58 -4.83	37.84 2.64 -0.74	38.35 2.57 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.01 2.58 0.00	49.71 2.90 0.00	52.75 3.44 0.00	72.23 5.13 -1.20	69.17 3.60 -24.03	55.72 4.53 -0.59	70.51 4.62 -13.73	62.05 4.82 -3.71	58.34 4.78 -1.75	58.79 4.74 -0.23	107.44 9.25 -0.62	108.38 9.61 -5.17	95.29 9.08 0.00	98.84 8.16 0.00	92.74 6.47 0.00	108.19 6.11 0.00	93.06 5.11 0.00	60.14 3.37 0.00

BAYONEEC___CTG8 323689	58.89 3.76 0.00	45.61 2.58 -4.83	37.84 2.64 -0.74	38.35 2.57 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.01 2.58 0.00	49.71 2.90 0.00	52.75 3.44 0.00	72.23 5.13 -1.20	69.17 3.60 -24.03	55.72 4.53 -0.59	70.51 4.62 -13.73	62.05 4.82 -3.71	58.34 4.78 -1.75	58.79 4.74 -0.23	107.44 9.25 -0.62	108.38 9.61 -5.17	95.29 9.08 0.00	98.84 8.16 0.00	92.74 6.47 0.00	108.19 6.11 0.00	93.06 5.11 0.00	60.14 3.37 0.00
BAYONEEC___CTG9 323749	58.89 3.76 0.00	45.61 2.58 -4.83	37.84 2.64 -0.74	38.35 2.57 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.01 2.58 0.00	49.71 2.90 0.00	52.75 3.44 0.00	72.23 5.13 -1.20	69.17 3.60 -24.03	55.72 4.53 -0.59	70.51 4.62 -13.73	62.05 4.82 -3.71	58.34 4.78 -1.75	58.79 4.74 -0.23	107.44 9.25 -0.62	108.38 9.61 -5.17	95.29 9.08 0.00	98.84 8.16 0.00	92.74 6.47 0.00	108.19 6.11 0.00	93.06 5.11 0.00	60.14 3.37 0.00
BEACON___LESR 323632	56.58 1.46 0.00	39.11 0.91 0.00	35.49 1.03 0.00	36.72 0.94 0.00	37.00 0.94 0.00	38.55 0.93 0.00	42.26 0.82 0.00	47.62 0.81 0.00	50.30 0.98 0.00	67.22 1.32 0.00	41.68 0.95 0.81	51.28 1.25 0.56	40.32 1.26 13.10	51.28 1.28 3.54	51.50 1.35 1.67	55.20 1.60 0.22	100.15 3.18 0.59	92.29 3.62 4.93	89.94 3.74 0.00	93.97 3.29 0.00	88.93 2.67 0.00	104.44 2.37 0.00	89.71 1.76 0.00	57.82 1.05 0.00
BEAVER RIVER___HYD 24048	56.53 1.41 0.00	39.08 0.87 0.00	35.24 0.78 0.00	36.57 0.79 0.00	36.92 0.87 0.00	38.60 0.99 0.00	42.38 0.94 0.00	47.83 1.02 0.00	50.49 1.18 0.00	67.39 1.50 0.00	42.23 0.69 0.00	50.92 0.32 0.00	52.56 0.40 0.00	53.79 0.26 0.00	51.78 -0.03 0.00	53.81 -0.01 0.00	97.51 -0.05 0.00	94.22 0.61 0.00	87.91 1.69 -0.01	94.24 3.28 -0.28	90.93 4.22 -0.45	108.95 5.15 -1.73	93.08 3.90 -1.22	59.02 2.23 -0.02
BEEBEE_GT_13 23619	54.77 -0.35 0.00	37.92 -0.28 0.00	34.32 -0.14 0.00	35.48 -0.29 0.00	35.64 -0.42 0.00	37.21 -0.40 0.00	40.96 -0.48 0.00	46.24 -0.57 0.00	48.53 -0.78 0.00	65.11 -0.78 0.00	41.08 -0.46 0.00	50.06 -0.54 0.00	51.69 -0.48 0.00	53.22 -0.31 0.00	51.53 -0.29 0.00	54.01 0.18 0.00	98.13 0.57 0.00	94.74 1.13 0.00	87.41 1.20 0.00	91.72 1.04 0.00	87.37 1.11 0.00	102.94 0.87 0.00	89.09 1.14 0.00	57.25 0.47 0.00
BENSHRST_27_KV_BENSHRST_1 355998	59.41 4.28 0.00	45.91 2.89 -4.82	38.14 2.94 -0.74	38.63 2.85 0.00	38.86 2.81 0.00	40.38 2.77 0.00	44.30 2.87 0.00	50.03 3.22 0.00	53.02 3.71 0.00	72.70 5.61 -1.20	69.55 4.01 -24.00	56.25 5.06 -0.59	71.11 5.22 -13.73	62.75 5.52 -3.71	59.05 5.49 -1.75	59.52 5.47 -0.23	108.55 10.37 -0.62	109.59 10.82 -5.17	96.42 10.21 0.00	100.05 9.37 0.00	94.00 7.74 0.00	109.54 7.46 0.00	94.25 6.30 0.00	60.99 4.22 0.00
BETHLEHEM___GRP 23843	55.57 0.45 0.00	38.51 0.30 0.00	34.95 0.49 0.00	36.18 0.40 0.00	36.48 0.42 0.00	38.01 0.39 0.00	41.60 0.16 0.00	46.87 0.06 0.00	49.48 0.17 0.00	66.16 0.26 0.00	41.07 0.29 0.76	50.45 0.38 0.53	40.24 0.40 12.33	50.65 0.45 3.33	50.73 0.49 1.57	54.10 0.49 0.21	98.26 1.26 0.56	90.50 1.53 4.64	88.00 1.79 0.00	92.20 1.53 0.00	87.23 0.97 0.00	102.39 0.31 0.00	88.10 0.14 0.00	56.78 0.01 0.00
BETHLEHEM___GS1 323560	55.57 0.45 0.00	38.50 0.30 0.00	34.95 0.50 0.00	36.18 0.40 0.00	36.48 0.43 0.00	38.01 0.40 0.00	41.60 0.16 0.00	46.88 0.07 0.00	49.48 0.17 0.00	66.16 0.26 0.00	41.07 0.29 0.76	50.45 0.39 0.53	40.24 0.40 12.33	50.65 0.45 3.33	50.73 0.49 1.57	54.10 0.49 0.21	98.27 1.27 0.56	90.49 1.52 4.64	88.00 1.79 0.00	92.20 1.52 0.00	87.23 0.97 0.00	102.38 0.30 0.00	88.10 0.15 0.00	56.78 0.01 0.00
BETHLEHEM___GS2 323561	55.57 0.45 0.00	38.50 0.30 0.00	34.95 0.50 0.00	36.18 0.40 0.00	36.48 0.43 0.00	38.01 0.40 0.00	41.60 0.16 0.00	46.88 0.07 0.00	49.48 0.17 0.00	66.16 0.26 0.00	41.07 0.29 0.76	50.45 0.39 0.53	40.24 0.40 12.33	50.65 0.45 3.33	50.73 0.49 1.57	54.10 0.49 0.21	98.27 1.27 0.56	90.49 1.52 4.64	88.00 1.79 0.00	92.20 1.52 0.00	87.23 0.97 0.00	102.38 0.30 0.00	88.10 0.15 0.00	56.78 0.01 0.00
BETHLEHEM___GS3 323562	55.57 0.45 0.00	38.50 0.30 0.00	34.95 0.50 0.00	36.18 0.40 0.00	36.48 0.43 0.00	38.01 0.40 0.00	41.60 0.16 0.00	46.88 0.07 0.00	49.48 0.17 0.00	66.16 0.26 0.00	41.07 0.29 0.76	50.45 0.39 0.53	40.24 0.40 12.33	50.65 0.45 3.33	50.73 0.49 1.57	54.10 0.49 0.21	98.27 1.27 0.56	90.49 1.52 4.64	88.00 1.79 0.00	92.20 1.52 0.00	87.23 0.97 0.00	102.38 0.30 0.00	88.10 0.15 0.00	56.78 0.01 0.00
BETHLEHEM___STEEL 23779	53.84 -1.28 0.00	37.30 -0.91 0.00	33.81 -0.65 0.00	34.91 -0.87 0.00	35.01 -1.05 0.00	36.57 -1.04 0.00	40.31 -1.12 0.00	45.58 -1.23 0.00	47.73 -1.59 0.00	64.13 -1.76 0.00	40.52 -1.02 0.00	49.44 -1.15 0.00	51.04 -1.12 0.00	52.51 -1.02 0.00	50.84 -0.97 0.00	53.50 -0.32 0.00	97.18 -0.38 0.00	93.71 0.11 0.00	86.35 0.14 0.00	90.39 -0.29 0.00	86.26 0.00 0.00	101.75 -0.32 0.00	88.61 0.65 0.00	56.90 0.13 0.00
BETHLHEM_115KV_TB1 79974	55.70 0.58 0.00	38.59 0.38 0.00	35.04 0.58 0.00	36.28 0.50 0.00	36.57 0.51 0.00	38.09 0.48 0.00	41.72 0.28 0.00	47.01 0.20 0.00	49.61 0.30 0.00	66.34 0.45 0.00	41.24 0.41 0.71	50.64 0.54 0.49	41.22 0.56 11.50	51.03 0.61 3.10	50.99 0.64 1.47	54.27 0.65 0.19	98.59 1.55 0.52	91.06 1.79 4.33	88.23 2.02 0.00	92.42 1.74 0.00	87.45 1.19 0.00	102.63 0.55 0.00	88.30 0.35 0.00	56.94 0.17 0.00
BETHPAGE_CC_5 323564	59.15 4.02 0.00	46.06 3.05 -4.80	38.23 3.04 -0.74	38.69 2.92 0.00	38.90 2.85 0.00	40.41 2.80 0.00	44.43 2.99 0.00	50.38 3.57 0.00	53.59 4.28 0.00	85.95 6.11 -13.94	76.06 4.04 -30.48	59.41 4.95 -3.87	85.75 4.98 -28.60	84.93 5.13 -26.26	84.50 5.09 -27.60	61.33 4.70 -2.81	109.27 9.28 -2.43	108.18 9.05 -5.52	94.99 8.78 0.00	98.18 7.50 0.00	91.97 5.71 0.00	106.44 4.98 0.62	93.25 4.24 -1.06	61.76 2.93 -2.05
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	53.93 -1.20 0.00	37.34 -0.87 0.00	33.85 -0.61 0.00	34.94 -0.83 0.00	35.05 -1.01 0.00	36.62 -1.00 0.00	40.35 -1.08 0.00	45.65 -1.16 0.00	47.79 -1.52 0.00	64.25 -1.65 0.00	40.59 -0.95 0.00	49.54 -1.06 0.00	51.15 -1.01 0.00	52.62 -0.91 0.00	50.97 -0.84 0.00	53.65 -0.17 0.00	97.47 -0.09 0.00	93.99 0.39 0.00	86.61 0.40 0.00	90.65 -0.03 0.00	86.50 0.23 0.00	102.02 -0.06 0.00	88.78 0.83 0.00	57.01 0.24 0.00
BINGHAMTON___COGEN 23790	55.27 0.15 0.00	38.28 0.07 0.00	34.70 0.24 0.00	35.90 0.13 0.00	36.15 0.09 0.00	37.66 0.05 0.00	41.50 0.06 0.00	46.77 -0.04 0.00	49.12 -0.19 0.00	65.81 -0.09 0.00	41.40 -0.15 0.00	50.51 -0.08 0.00	52.16 0.00 0.00	53.58 0.05 0.00	52.05 0.24 0.00	54.32 0.50 0.00	98.94 1.38 0.00	95.06 1.45 0.00	88.03 1.82 0.00	92.25 1.57 0.00	87.52 1.25 0.00	103.08 1.01 0.00	88.85 0.90 0.00	57.22 0.45 0.00

BIXINCNT_115KV_LOAD 355685	54.24 -0.88 0.00	37.44 -0.76 0.00	33.92 -0.54 0.00	35.06 -0.72 0.00	35.23 -0.83 0.00	36.81 -0.80 0.00	40.61 -0.83 0.00	46.02 -0.79 0.00	48.20 -1.11 0.00	64.79 -1.11 0.00	40.79 -0.75 0.00	49.73 -0.87 0.00	51.48 -0.68 0.00	52.92 -0.61 0.00	51.29 -0.52 0.00	53.94 0.12 0.00	98.27 0.71 0.00	94.58 0.98 0.00	87.36 1.15 0.00	91.31 0.63 0.00	87.19 0.93 0.00	103.12 1.04 0.00	89.65 1.70 0.00	57.57 0.80 0.00
BLACK RIVER___HYD 24047	56.91 1.79 0.00	39.32 1.12 0.00	35.46 1.00 0.00	36.80 1.03 0.00	37.14 1.08 0.00	38.86 1.25 0.00	42.69 1.25 0.00	48.10 1.29 0.00	50.76 1.45 0.00	67.88 1.98 0.00	42.35 0.81 0.00	50.84 0.25 0.00	52.45 0.29 0.00	53.69 0.16 0.00	51.47 -0.34 0.00	53.58 -0.24 0.00	97.16 -0.40 0.00	94.36 0.75 0.00	88.55 2.31 -0.02	95.54 4.35 -0.51	92.55 5.49 -0.80	111.78 6.60 -3.10	95.06 4.90 -2.20	59.58 2.78 -0.03
BLACKRVR_115KV_TB2 79977	56.91 1.79 0.00	39.32 1.12 0.00	35.46 1.00 0.00	36.80 1.03 0.00	37.14 1.08 0.00	38.86 1.25 0.00	42.69 1.25 0.00	48.10 1.29 0.00	50.76 1.45 0.00	67.88 1.98 0.00	42.36 0.81 0.00	50.84 0.25 0.00	52.45 0.29 0.00	53.68 0.15 0.00	51.47 -0.34 0.00	53.57 -0.25 0.00	97.16 -0.40 0.00	94.36 0.75 0.00	88.55 2.32 -0.02	95.54 4.35 -0.51	92.55 5.48 -0.80	111.78 6.60 -3.10	95.06 4.90 -2.20	59.58 2.77 -0.03
BLDWN_LI_69_KV_BK4 356085	59.36 4.24 0.00	46.14 3.14 -4.80	38.28 3.09 -0.74	38.75 2.97 0.00	38.97 2.91 0.00	40.48 2.87 0.00	44.49 3.06 0.00	50.44 3.63 0.00	53.65 4.34 0.00	86.10 6.26 -13.94	77.91 4.15 -32.22	59.55 5.09 -3.87	85.97 5.21 -28.60	85.04 5.24 -26.26	87.94 5.26 -30.87	85.09 5.19 -26.08	130.99 10.21 -23.22	115.06 9.72 -11.73	95.51 9.30 0.00	98.79 8.11 0.00	92.68 6.41 0.00	108.19 6.12 0.00	111.54 5.65 -17.94	80.55 3.84 -19.93
BLISS_WT_PWR 323608	54.24 -0.89 0.00	37.43 -0.78 0.00	33.88 -0.57 0.00	35.03 -0.74 0.00	35.21 -0.85 0.00	36.79 -0.82 0.00	40.60 -0.84 0.00	46.03 -0.78 0.00	48.23 -1.08 0.00	64.82 -1.07 0.00	40.82 -0.72 0.00	49.76 -0.84 0.00	51.52 -0.65 0.00	52.95 -0.59 0.00	51.31 -0.50 0.00	53.94 0.12 0.00	98.30 0.74 0.00	94.65 1.04 0.00	87.42 1.21 0.00	91.37 0.69 0.00	87.26 0.99 0.00	103.19 1.11 0.00	89.70 1.75 0.00	57.61 0.84 0.00
BLUESTONE___WT_PWR 323821	57.29 2.17 0.00	39.50 1.30 0.00	35.84 1.38 0.00	37.31 1.53 0.00	37.51 1.46 0.00	38.87 1.26 0.00	42.97 1.54 0.00	48.58 1.77 0.00	51.07 1.76 0.00	68.15 2.25 0.00	43.07 1.52 0.00	52.43 1.84 0.00	54.11 1.95 0.00	55.54 2.01 0.00	53.53 1.72 0.00	55.73 1.91 0.00	101.63 4.07 0.00	98.50 4.90 0.00	92.16 5.95 0.00	97.47 6.80 0.00	92.66 6.39 0.00	108.92 6.85 0.00	93.58 5.63 0.00	59.99 3.22 0.00
BLUE_CIRC_CHEM_DRP 24182	56.33 1.20 0.00	39.03 0.82 0.00	35.41 0.95 0.00	36.70 0.92 0.00	36.99 0.93 0.00	38.53 0.92 0.00	42.23 0.80 0.00	47.39 0.59 0.00	49.93 0.62 0.00	66.71 0.81 0.00	41.64 0.57 0.48	50.98 0.72 0.33	45.34 0.74 7.57	52.26 0.77 2.04	51.61 0.76 0.96	54.46 0.77 0.13	98.97 1.75 0.34	92.71 1.95 2.85	88.55 2.34 0.00	93.12 2.44 0.00	88.33 2.06 0.00	103.78 1.70 0.00	89.39 1.44 0.00	57.64 0.87 0.00
BOC_GAS_DRP 24189	56.02 0.89 0.00	38.82 0.61 0.00	35.22 0.76 0.00	36.51 0.73 0.00	36.77 0.72 0.00	38.30 0.69 0.00	42.04 0.60 0.00	47.35 0.54 0.00	49.95 0.64 0.00	66.87 0.97 0.00	41.82 0.71 0.43	51.24 0.94 0.30	46.20 0.96 6.92	52.69 1.03 1.87	51.98 1.05 0.88	54.75 1.04 0.11	99.46 2.21 0.31	93.32 2.32 2.60	88.65 2.44 0.00	92.82 2.14 0.00	87.88 1.61 0.00	103.20 1.13 0.00	88.90 0.94 0.00	57.35 0.57 0.00
BOONVILLE_115KV_TB1 79983	56.60 1.47 0.00	39.15 0.94 0.00	35.35 0.89 0.00	36.66 0.88 0.00	36.97 0.91 0.00	38.59 0.98 0.00	42.42 0.98 0.00	47.86 1.05 0.00	50.49 1.18 0.00	67.42 1.53 0.00	42.39 0.85 0.00	51.48 0.88 0.00	53.06 0.90 0.00	54.37 0.83 0.00	52.54 0.72 0.00	54.55 0.74 0.00	98.98 1.42 0.00	95.48 1.87 0.00	88.68 2.47 0.00	94.06 3.38 0.00	89.87 3.61 0.00	106.23 4.15 0.00	91.14 3.18 0.00	58.58 1.80 0.00
BORALEX_4TH_BRANCH 23824	57.49 2.37 0.00	39.85 1.64 0.00	36.41 1.95 0.00	37.64 1.86 0.00	38.22 2.16 0.00	39.87 2.25 0.00	43.59 2.15 0.00	48.86 2.05 0.00	51.81 2.50 0.00	68.91 3.01 0.00	37.80 1.37 5.11	48.73 1.69 3.55	-29.02 1.61 82.79	32.85 1.66 22.34	42.75 1.48 10.54	54.06 1.63 1.38	96.66 2.86 3.76	66.27 3.81 31.14	89.62 3.41 0.00	95.05 4.37 0.00	89.67 3.40 0.00	105.63 3.55 0.00	91.25 3.29 0.00	58.41 1.63 0.00
BOWLINE___1 23526	58.30 3.18 0.00	32.24 2.10 8.06	35.38 2.16 1.24	37.83 2.05 0.00	38.09 2.04 0.00	39.61 2.00 0.00	43.46 2.03 0.00	49.07 2.26 0.00	52.01 2.70 0.00	67.96 4.06 2.00	6.48 2.84 37.90	54.81 3.66 -0.56	69.10 3.76 -13.17	61.03 3.94 -3.56	57.41 3.92 -1.68	57.93 3.89 -0.22	105.75 7.59 -0.60	106.51 7.95 -4.96	93.81 7.60 0.00	97.53 6.85 0.00	91.61 5.35 0.00	106.90 4.82 0.00	91.90 3.95 0.00	59.28 2.51 0.00
BOWLINE___2 23595	58.30 3.18 0.00	32.24 2.10 8.07	35.38 2.16 1.24	37.83 2.05 0.00	38.09 2.04 0.00	39.61 2.00 0.00	43.46 2.03 0.00	49.07 2.26 0.00	52.01 2.70 0.00	67.96 4.06 2.00	6.45 2.84 37.93	54.81 3.66 -0.56	69.10 3.76 -13.18	61.02 3.93 -3.56	57.38 3.89 -1.68	57.87 3.82 -0.22	105.58 7.42 -0.60	106.36 7.80 -4.96	93.68 7.47 0.00	97.38 6.70 0.00	91.45 5.19 0.00	106.70 4.62 0.00	91.75 3.79 0.00	59.20 2.43 0.00
BRADY___115KV_TB2 356060	55.94 0.81 0.00	38.76 0.55 0.00	34.76 0.30 0.00	36.18 0.40 0.00	36.44 0.38 0.00	38.02 0.41 0.00	41.94 0.51 0.00	47.57 0.76 0.00	50.13 0.82 0.00	66.73 0.83 0.00	42.07 0.52 0.00	51.26 0.67 0.00	52.89 0.73 0.00	54.05 0.52 0.00	52.08 0.27 0.00	53.87 0.04 0.00	97.23 -0.33 0.00	92.98 -0.62 0.00	85.44 -0.77 0.00	90.90 0.23 0.00	87.79 1.52 0.00	104.62 2.54 0.00	90.18 2.23 0.00	58.36 1.58 0.00
BRANSCOMB___SOLAR 323811	57.67 2.54 0.00	39.87 1.66 0.00	36.19 1.74 0.00	37.44 1.66 0.00	37.78 1.73 0.00	39.36 1.74 0.00	43.15 1.71 0.00	48.38 1.58 0.00	51.00 1.68 0.00	67.97 2.08 0.00	40.76 1.04 1.82	50.71 1.38 1.27	24.01 1.36 29.51	47.11 1.55 7.96	49.42 1.37 3.76	54.87 1.54 0.49	99.31 3.09 1.34	86.39 3.89 11.10	90.34 4.13 0.00	95.54 4.86 0.00	90.50 4.23 0.00	106.37 4.30 0.00	91.49 3.53 0.00	58.68 1.91 0.00
BRDGHMPT_69_KV_BK1 55812	59.27 4.14 0.00	46.11 3.10 -4.80	38.29 3.10 -0.74	38.67 2.89 0.00	38.84 2.78 0.00	40.38 2.77 0.00	44.79 3.35 0.00	51.33 4.52 0.00	55.00 5.69 0.00	88.34 8.50 -13.94	77.06 5.61 -29.90	61.45 6.99 -3.87	87.98 7.22 -28.60	87.23 7.43 -26.26	88.71 7.10 -29.79	57.84 6.48 2.47	106.47 12.59 3.69	109.43 12.15 -3.67	97.67 11.46 0.00	100.50 9.82 0.00	94.95 8.69 0.00	109.14 8.06 1.00	89.14 6.85 5.66	57.55 4.50 3.72

BRENTWOD_69_KV_W. BRTWOOD 56703	59.58 4.45 0.00	46.48 3.47 -4.80	38.64 3.44 -0.74	39.10 3.32 0.00	39.27 3.22 0.00	40.80 3.19 0.00	44.89 3.45 0.00	50.94 4.13 0.00	54.17 4.86 0.00	86.66 6.82 -13.94	76.07 4.56 -29.96	60.01 5.54 -3.87	85.98 5.21 -28.60	85.18 5.39 -26.26	84.48 5.37 -27.29	55.53 5.05 3.34	104.30 9.81 3.07	106.40 8.93 -3.86	94.97 8.76 0.00	98.06 7.38 0.00	91.70 5.43 0.00	105.60 4.56 1.04	86.66 4.46 5.75	56.88 3.25 3.14
BRISTLHL_115KV_TB1 79998	54.22 -0.90 0.00	37.62 -0.58 0.00	34.00 -0.46 0.00	35.23 -0.54 0.00	35.47 -0.58 0.00	36.99 -0.62 0.00	40.72 -0.72 0.00	45.91 -0.89 0.00	48.30 -1.01 0.00	64.54 -1.35 0.00	40.52 -1.02 0.00	49.23 -1.37 0.00	50.78 -1.39 0.00	52.22 -1.31 0.00	50.56 -1.25 0.00	52.60 -1.22 0.00	95.56 -2.00 0.00	91.95 -1.66 0.00	85.15 -1.11 -0.06	90.75 -1.19 -1.27	87.07 -1.19 -2.00	108.04 -1.76 -7.72	91.96 -1.47 -5.48	55.78 -1.07 -0.07
BROOKHAVEN___DRP 24191	58.88 3.76 0.00	45.95 2.94 -4.80	38.15 2.95 -0.74	38.57 2.79 0.00	38.74 2.68 0.00	40.24 2.63 0.00	44.33 2.89 0.00	50.42 3.61 0.00	53.72 4.40 0.00	86.10 6.26 -13.94	75.58 4.14 -29.90	59.57 5.11 -3.87	85.91 5.15 -28.60	85.21 5.42 -26.26	86.94 5.39 -29.74	56.06 4.79 2.54	103.11 9.26 3.70	106.22 8.94 -3.67	95.00 8.79 0.00	97.97 7.30 0.00	91.75 5.49 0.00	105.68 4.60 0.99	86.29 3.97 5.63	55.66 2.62 3.74
BROOKLYN_NAVY_YARD 23515	58.90 3.78 0.00	45.63 2.60 -4.83	37.85 2.65 -0.74	38.36 2.58 0.00	38.61 2.55 0.00	40.13 2.52 0.00	44.02 2.58 0.00	49.72 2.92 0.00	52.77 3.46 0.00	72.28 5.19 -1.20	69.37 3.61 -24.22	55.72 4.53 -0.59	70.55 4.65 -13.73	62.08 4.84 -3.71	58.39 4.83 -1.75	58.85 4.80 -0.23	107.55 9.36 -0.62	108.63 9.72 -5.31	95.41 9.20 0.00	98.97 8.29 0.00	92.90 6.63 0.00	108.77 6.27 -0.42	93.23 5.28 0.00	60.21 3.43 0.00
BROOKLYN___ARMY_DRP 323595	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
BROOME_2_LFGE 323671	55.27 0.15 0.00	38.28 0.07 0.00	34.70 0.24 0.00	35.90 0.13 0.00	36.15 0.09 0.00	37.66 0.05 0.00	41.50 0.06 0.00	46.77 -0.04 0.00	49.12 -0.19 0.00	65.81 -0.09 0.00	41.39 -0.15 0.00	50.51 -0.09 0.00	52.16 0.00 0.00	53.58 0.05 0.00	52.05 0.24 0.00	54.32 0.50 0.00	98.94 1.38 0.00	95.05 1.44 0.00	88.03 1.82 0.00	92.25 1.57 0.00	87.51 1.25 0.00	103.08 1.00 0.00	88.84 0.89 0.00	57.22 0.45 0.00
BROOME___LFGE 323600	55.27 0.15 0.00	38.28 0.07 0.00	34.70 0.24 0.00	35.90 0.13 0.00	36.15 0.09 0.00	37.66 0.05 0.00	41.50 0.06 0.00	46.77 -0.04 0.00	49.12 -0.19 0.00	65.81 -0.09 0.00	41.39 -0.15 0.00	50.51 -0.09 0.00	52.16 0.00 0.00	53.58 0.05 0.00	52.05 0.24 0.00	54.32 0.50 0.00	98.94 1.38 0.00	95.05 1.44 0.00	88.03 1.82 0.00	92.25 1.57 0.00	87.51 1.25 0.00	103.08 1.00 0.00	88.84 0.89 0.00	57.22 0.45 0.00
BROWNFLS_115KV_TB_3_5 80003	56.09 0.96 0.00	38.81 0.61 0.00	34.92 0.46 0.00	36.28 0.50 0.00	36.58 0.53 0.00	38.22 0.61 0.00	42.03 0.60 0.00	47.50 0.69 0.00	50.13 0.82 0.00	66.84 0.95 0.00	42.00 0.46 0.00	50.87 0.27 0.00	52.50 0.33 0.00	53.70 0.17 0.00	51.72 -0.09 0.00	53.64 -0.18 0.00	97.05 -0.51 0.00	93.39 -0.21 0.00	86.61 0.39 -0.01	92.57 1.70 -0.19	89.31 2.74 -0.30	106.87 3.62 -1.17	91.71 2.92 -0.83	58.58 1.79 -0.01
BROWNSV1_27_KV_LOAD 356125	59.86 4.73 0.00	46.27 3.24 -4.83	38.42 3.22 -0.74	38.94 3.16 0.00	39.18 3.12 0.00	40.72 3.11 0.00	44.67 3.24 0.00	50.49 3.68 0.00	53.61 4.30 0.00	73.42 6.33 -1.20	69.96 4.39 -24.03	56.69 5.51 -0.59	71.59 5.69 -13.73	63.16 5.93 -3.71	59.45 5.89 -1.75	59.99 5.94 -0.23	109.58 11.40 -0.62	110.48 11.71 -5.17	97.21 11.00 0.00	100.88 10.20 0.00	94.71 8.44 0.00	110.49 8.41 0.00	95.08 7.13 0.00	61.38 4.60 0.00
BURROWS___LYONSDAL 23803	56.53 1.40 0.00	39.08 0.88 0.00	35.29 0.83 0.00	36.61 0.83 0.00	36.93 0.87 0.00	38.57 0.96 0.00	42.38 0.94 0.00	47.83 1.02 0.00	50.47 1.16 0.00	67.39 1.49 0.00	42.34 0.79 0.00	51.32 0.73 0.00	52.91 0.75 0.00	54.18 0.65 0.00	52.32 0.51 0.00	54.35 0.53 0.00	98.59 1.03 0.00	95.14 1.54 0.00	88.48 2.26 -0.01	94.16 3.35 -0.13	90.23 3.76 -0.21	107.25 4.37 -0.81	91.84 3.31 -0.57	58.66 1.88 -0.01
CAITHNESS_CC_1 323624	58.89 3.76 0.00	45.97 2.96 -4.80	38.17 2.97 -0.74	38.59 2.81 0.00	38.77 2.71 0.00	40.27 2.65 0.00	44.34 2.90 0.00	50.41 3.60 0.00	53.68 4.37 0.00	86.03 6.19 -13.94	75.51 4.07 -29.90	59.49 5.03 -3.87	85.82 5.06 -28.60	85.07 5.27 -26.26	86.71 5.22 -29.68	55.82 4.63 2.62	102.71 8.86 3.72	105.92 8.65 -3.66	94.74 8.53 0.00	97.72 7.04 0.00	91.49 5.22 0.00	105.34 4.25 0.99	85.68 3.33 5.60	55.23 2.21 3.75
CALPINE BETH_PAGE_GT4 24209	59.25 4.12 0.00	46.10 3.09 -4.80	38.27 3.07 -0.74	38.74 2.96 0.00	38.95 2.89 0.00	40.45 2.84 0.00	44.48 3.04 0.00	50.43 3.62 0.00	53.64 4.33 0.00	86.02 6.19 -13.94	76.30 4.02 -30.74	59.41 4.95 -3.87	85.78 5.02 -28.60	84.97 5.18 -26.26	85.00 5.18 -28.01	64.39 4.82 -5.75	112.22 9.60 -5.05	109.16 9.24 -6.31	95.16 8.95 0.00	98.36 7.68 0.00	92.16 5.89 0.00	106.93 5.29 0.43	96.89 4.82 -4.12	64.63 3.29 -4.57
CALPINE_BETH_PAGE_GT_4 323586	59.25 4.12 0.00	46.10 3.09 -4.80	38.27 3.07 -0.74	38.74 2.96 0.00	38.95 2.89 0.00	40.45 2.84 0.00	44.48 3.05 0.00	50.43 3.62 0.00	53.64 4.33 0.00	86.02 6.19 -13.94	76.29 4.01 -30.74	59.41 4.95 -3.87	85.78 5.02 -28.60	84.96 5.16 -26.26	84.96 5.14 -28.01	64.35 4.78 -5.75	112.09 9.48 -5.05	109.14 9.22 -6.31	95.16 8.95 0.00	98.36 7.68 0.00	92.15 5.89 0.00	106.87 5.22 0.43	96.49 4.42 -4.12	64.36 3.01 -4.57
CALPINE_BP_GT1 23823	59.25 4.12 0.00	46.10 3.09 -4.80	38.27 3.07 -0.74	38.74 2.96 0.00	38.95 2.89 0.00	40.45 2.84 0.00	44.48 3.05 0.00	50.43 3.62 0.00	53.64 4.33 0.00	86.02 6.19 -13.94	76.29 4.01 -30.74	59.41 4.95 -3.87	85.78 5.02 -28.60	84.96 5.16 -26.26	84.96 5.14 -28.01	64.35 4.78 -5.75	112.09 9.48 -5.05	109.14 9.22 -6.31	95.16 8.95 0.00	98.36 7.68 0.00	92.15 5.89 0.00	106.87 5.22 0.43	96.49 4.42 -4.12	64.36 3.01 -4.57
CALSPAN___DRP 24200	53.84 -1.28 0.00	37.30 -0.91 0.00	33.81 -0.65 0.00	34.91 -0.87 0.00	35.01 -1.05 0.00	36.57 -1.04 0.00	40.31 -1.12 0.00	45.58 -1.23 0.00	47.73 -1.59 0.00	64.13 -1.76 0.00	40.52 -1.02 0.00	49.44 -1.15 0.00	51.04 -1.12 0.00	52.51 -1.02 0.00	50.84 -0.97 0.00	53.50 -0.32 0.00	97.18 -0.38 0.00	93.71 0.11 0.00	86.35 0.14 0.00	90.39 -0.29 0.00	86.26 0.00 0.00	101.75 -0.32 0.00	88.61 0.65 0.00	56.90 0.13 0.00

CALVERTON___SOLAR 323806	58.91 3.78 0.00	45.96 2.96 -4.80	38.16 2.96 -0.74	38.57 2.79 0.00	38.74 2.68 0.00	40.24 2.63 0.00	44.36 2.92 0.00	50.50 3.69 0.00	53.82 4.51 0.00	86.28 6.44 -13.94	75.71 4.27 -29.90	59.75 5.29 -3.87	86.12 5.35 -28.60	85.40 5.60 -26.26	87.12 5.55 -29.76	56.27 4.96 2.52	103.39 9.53 3.70	106.62 9.34 -3.67	95.40 9.19 0.00	98.35 7.67 0.00	92.17 5.91 0.00	106.07 4.98 0.99	86.20 3.88 5.64	55.55 2.51 3.73
CANDIGU_WT_PWR 323617	54.42 -0.71 0.00	37.75 -0.46 0.00	34.22 -0.24 0.00	35.29 -0.48 0.00	35.42 -0.64 0.00	36.90 -0.71 0.00	40.78 -0.65 0.00	45.90 -0.91 0.00	47.87 -1.44 0.00	64.17 -1.73 0.00	40.39 -1.15 0.00	49.18 -1.41 0.00	50.78 -1.39 0.00	52.12 -1.42 0.00	50.59 -1.23 0.00	53.04 -0.78 0.00	96.55 -1.01 0.00	93.02 -0.58 0.00	86.39 0.18 0.00	91.04 0.36 0.00	86.94 0.68 0.00	102.61 0.54 0.00	88.75 0.80 0.00	57.19 0.42 0.00
CARR STREET_E_SYR 24060	54.71 -0.42 0.00	37.95 -0.26 0.00	34.31 -0.15 0.00	35.55 -0.23 0.00	35.78 -0.28 0.00	37.30 -0.32 0.00	41.06 -0.37 0.00	46.30 -0.51 0.00	48.69 -0.62 0.00	65.11 -0.79 0.00	40.88 -0.66 0.00	49.74 -0.85 0.00	51.30 -0.86 0.00	52.74 -0.79 0.00	51.16 -0.66 0.00	53.29 -0.53 0.00	96.87 -0.69 0.00	93.23 -0.37 0.00	86.28 0.07 0.00	90.64 -0.04 0.00	86.14 -0.13 0.00	101.52 -0.56 0.00	87.45 -0.50 0.00	56.30 -0.48 0.00
CARTHAGE___PAPER 23857	57.02 1.90 0.00	39.40 1.20 0.00	35.51 1.05 0.00	36.85 1.07 0.00	37.21 1.15 0.00	38.92 1.31 0.00	42.74 1.30 0.00	48.20 1.40 0.00	50.88 1.56 0.00	67.96 2.06 0.00	42.49 0.95 0.00	51.12 0.52 0.00	52.81 0.65 0.00	54.02 0.49 0.00	51.83 0.02 0.00	53.89 0.07 0.00	97.73 0.17 0.00	94.61 1.00 0.00	88.58 2.36 -0.02	95.37 4.27 -0.42	92.26 5.34 -0.66	111.15 6.50 -2.57	94.68 4.90 -1.82	59.62 2.82 -0.02
CASSADAGA_WT_PWR 323784	55.20 0.07 0.00	38.10 -0.11 0.00	34.49 0.03 0.00	35.59 -0.19 0.00	35.74 -0.31 0.00	37.31 -0.30 0.00	41.20 -0.24 0.00	46.52 -0.29 0.00	48.68 -0.63 0.00	65.43 -0.47 0.00	41.28 -0.26 0.00	50.53 -0.07 0.00	52.31 0.15 0.00	53.78 0.25 0.00	52.29 0.48 0.00	55.04 1.22 0.00	100.25 2.69 0.00	96.64 3.03 0.00	89.19 2.98 0.00	93.23 2.55 0.00	88.89 2.63 0.00	105.00 2.92 0.00	91.08 3.12 0.00	58.41 1.64 0.00
CE_DUNWOOD___DRP 24194	58.58 3.45 0.00	45.58 2.34 -5.03	37.64 2.41 -0.77	38.11 2.33 0.00	38.37 2.32 0.00	39.88 2.27 0.00	43.76 2.33 0.00	49.42 2.61 0.00	52.40 3.09 0.00	71.75 4.61 -1.25	69.73 3.19 -25.01	55.24 4.06 -0.59	70.05 4.17 -13.72	61.58 4.35 -3.70	57.88 4.32 -1.75	58.34 4.29 -0.23	106.53 8.35 -0.62	107.46 8.70 -5.16	94.50 8.29 0.00	98.22 7.54 0.00	92.23 5.97 0.00	107.65 5.57 0.00	92.58 4.62 0.00	59.75 2.97 0.00
CE_MILLWOOD___DRP 24193	58.42 3.29 0.00	45.53 2.23 -5.09	37.54 2.30 -0.78	37.99 2.21 0.00	38.26 2.21 0.00	39.78 2.17 0.00	43.64 2.21 0.00	49.27 2.47 0.00	52.25 2.94 0.00	71.53 4.37 -1.26	69.85 3.02 -25.29	55.05 3.87 -0.59	69.80 3.97 -13.66	61.37 4.15 -3.69	57.67 4.12 -1.74	58.16 4.11 -0.23	106.19 8.01 -0.62	107.11 8.36 -5.14	94.19 7.98 0.00	97.92 7.25 0.00	91.98 5.71 0.00	107.38 5.30 0.00	92.33 4.37 0.00	59.58 2.80 0.00
CE_NYC2_DRP 24202	58.92 3.79 0.00	45.66 2.63 -4.82	37.92 2.72 -0.74	38.40 2.63 0.00	38.66 2.60 0.00	40.16 2.55 0.00	44.06 2.62 0.00	49.76 2.95 0.00	52.77 3.46 0.00	72.27 5.18 -1.20	69.23 3.69 -24.00	55.79 4.60 -0.59	70.60 4.71 -13.73	62.17 4.93 -3.71	58.46 4.90 -1.75	58.88 4.84 -0.23	107.50 9.32 -0.62	108.52 9.75 -5.17	95.40 9.19 0.00	99.02 8.34 0.00	92.96 6.70 0.00	108.38 6.30 0.00	93.22 5.27 0.00	60.29 3.51 0.00
CE_NYC_DRP 24195	58.99 3.86 0.00	45.69 2.65 -4.83	37.91 2.71 -0.74	38.42 2.64 0.00	38.67 2.62 0.00	40.19 2.58 0.00	44.10 2.66 0.00	49.81 3.01 0.00	52.88 3.57 0.00	72.41 5.32 -1.20	69.28 3.70 -24.03	55.82 4.64 -0.59	70.66 4.76 -13.73	62.18 4.94 -3.71	58.49 4.93 -1.75	58.95 4.90 -0.23	107.70 9.51 -0.62	108.63 9.86 -5.17	95.52 9.31 0.00	99.10 8.42 0.00	93.00 6.74 0.00	108.50 6.42 0.00	93.31 5.35 0.00	60.29 3.52 0.00
CHAFFEE___LFGE 323603	54.01 -1.11 0.00	37.40 -0.80 0.00	33.90 -0.56 0.00	34.99 -0.79 0.00	35.09 -0.97 0.00	36.66 -0.95 0.00	40.40 -1.04 0.00	45.70 -1.11 0.00	47.88 -1.44 0.00	64.34 -1.55 0.00	40.64 -0.90 0.00	49.59 -1.01 0.00	51.16 -1.01 0.00	52.63 -0.90 0.00	51.01 -0.80 0.00	53.68 -0.14 0.00	97.54 -0.02 0.00	94.13 0.52 0.00	86.74 0.53 0.00	90.80 0.12 0.00	86.64 0.37 0.00	102.21 0.13 0.00	88.92 0.96 0.00	57.06 0.29 0.00
CHATEAUG_35_KV_LOAD 355732	54.87 -0.26 0.00	38.07 -0.13 0.00	34.10 -0.36 0.00	35.43 -0.35 0.00	35.74 -0.32 0.00	37.26 -0.35 0.00	41.14 -0.30 0.00	46.66 -0.14 0.00	49.42 0.11 0.00	65.77 -0.13 0.00	41.49 -0.05 0.00	50.59 0.00 0.00	52.24 0.07 0.00	53.47 -0.06 0.00	51.43 -0.39 0.00	53.29 -0.52 0.00	96.67 -0.89 0.00	92.57 -1.04 0.00	84.97 -1.24 0.00	90.16 -0.52 0.00	86.69 0.43 0.00	103.01 0.94 0.00	88.62 0.66 0.00	57.37 0.59 0.00
CHATEAUG_WT_PWR 323614	54.85 -0.28 0.00	38.06 -0.15 0.00	34.09 -0.37 0.00	35.42 -0.36 0.00	35.73 -0.33 0.00	37.26 -0.36 0.00	41.11 -0.33 0.00	46.63 -0.17 0.00	49.42 0.11 0.00	65.82 -0.08 0.00	41.53 -0.01 0.00	50.62 0.03 0.00	52.29 0.12 0.00	53.51 -0.02 0.00	51.50 -0.31 0.00	53.38 -0.43 0.00	96.83 -0.74 0.00	92.78 -0.83 0.00	85.13 -1.08 0.00	90.33 -0.34 0.00	86.61 0.35 0.00	102.85 0.77 0.00	88.46 0.50 0.00	57.27 0.50 0.00
CHAT_HIGH_FALL_HYD 323578	54.87 -0.26 0.00	38.07 -0.13 0.00	34.10 -0.36 0.00	35.43 -0.35 0.00	35.74 -0.32 0.00	37.26 -0.35 0.00	41.14 -0.30 0.00	46.66 -0.14 0.00	49.42 0.11 0.00	65.77 -0.13 0.00	41.49 -0.05 0.00	50.59 0.00 0.00	52.24 0.07 0.00	53.47 -0.06 0.00	51.43 -0.39 0.00	53.29 -0.52 0.00	96.67 -0.89 0.00	92.57 -1.04 0.00	84.97 -1.24 0.00	90.16 -0.52 0.00	86.69 0.43 0.00	103.01 0.94 0.00	88.62 0.66 0.00	57.37 0.59 0.00
CHAUTAUQUA___LFGE 323629	54.50 -0.63 0.00	37.68 -0.53 0.00	34.15 -0.30 0.00	35.23 -0.55 0.00	35.38 -0.68 0.00	36.94 -0.67 0.00	40.79 -0.64 0.00	46.05 -0.76 0.00	48.17 -1.14 0.00	64.74 -1.15 0.00	40.81 -0.73 0.00	49.96 -0.64 0.00	51.68 -0.48 0.00	53.12 -0.41 0.00	51.62 -0.19 0.00	54.34 0.52 0.00	98.92 1.36 0.00	95.20 1.60 0.00	87.82 1.61 0.00	91.78 1.10 0.00	87.57 1.31 0.00	103.44 1.36 0.00	89.81 1.85 0.00	57.66 0.88 0.00
CHERRYST_13_KV_LD 356241	59.17 4.04 0.00	45.81 2.78 -4.83	38.01 2.81 -0.74	38.53 2.75 0.00	38.79 2.73 0.00	40.31 2.70 0.00	44.23 2.79 0.00	49.98 3.17 0.00	53.05 3.74 0.00	72.65 5.56 -1.20	69.44 3.87 -24.03	56.04 4.85 -0.59	70.87 4.97 -13.73	62.40 5.16 -3.71	58.70 5.14 -1.75	59.18 5.13 -0.23	108.10 9.92 -0.62	109.02 10.24 -5.17	95.89 9.68 0.00	99.47 8.79 0.00	93.36 7.09 0.00	108.91 6.83 0.00	93.66 5.70 0.00	60.51 3.74 0.00

CHESTROR_138KV_BK263 355645	57.97 2.84 0.00	34.71 1.88 5.37	35.58 1.95 0.82	37.63 1.86 0.00	37.90 1.85 0.00	39.40 1.79 0.00	43.24 1.81 0.00	48.78 1.97 0.00	51.65 2.34 0.00	68.08 3.51 1.33	18.90 2.42 25.06	54.24 3.13 -0.52	67.78 3.23 -12.38	60.27 3.40 -3.34	56.79 3.41 -1.58	57.44 3.41 -0.21	104.92 6.79 -0.56	105.47 7.20 -4.66	93.20 6.99 0.00	97.07 6.39 0.00	91.29 5.02 0.00	106.61 4.53 0.00	91.66 3.70 0.00	59.09 2.32 0.00
CH_MIDHUDSON___DRP 24192	58.18 3.06 0.00	40.27 2.06 0.00	36.59 2.13 0.00	37.83 2.06 0.00	38.10 2.04 0.00	39.63 2.02 0.00	43.49 2.06 0.00	49.06 2.25 0.00	51.97 2.66 0.00	69.81 3.91 0.00	44.64 2.67 -0.42	54.32 3.43 -0.29	68.87 3.56 -13.14	60.82 3.73 -3.56	57.21 3.72 -1.68	57.81 3.77 -0.22	105.61 7.44 -0.60	106.41 7.84 -4.96	93.74 7.52 0.00	97.71 7.03 0.00	91.85 5.58 0.00	107.30 5.22 0.00	92.24 4.29 0.00	59.39 2.61 0.00
CH_MISC_IPPS 23765	58.64 3.52 0.00	40.56 2.36 0.00	36.83 2.37 0.00	38.08 2.30 0.00	38.33 2.28 0.00	39.85 2.24 0.00	43.76 2.32 0.00	49.39 2.58 0.00	52.32 3.01 0.00	70.33 4.43 0.00	45.14 3.04 -0.57	54.88 3.90 -0.39	69.05 4.04 -12.85	61.24 4.23 -3.47	57.65 4.20 -1.64	58.34 4.31 -0.22	106.65 8.50 -0.58	107.34 8.89 -4.84	94.73 8.53 0.00	98.67 7.99 0.00	92.71 6.45 0.00	108.22 6.15 0.00	93.00 5.04 0.00	59.85 3.07 0.00
CH_RES_BVR_FALLS 23983	54.82 -0.30 0.00	38.02 -0.19 0.00	34.26 -0.20 0.00	35.61 -0.17 0.00	35.90 -0.16 0.00	37.46 -0.15 0.00	41.28 -0.16 0.00	46.72 -0.09 0.00	49.29 -0.02 0.00	65.84 -0.06 0.00	41.53 -0.02 0.00	50.55 -0.05 0.00	52.12 -0.04 0.00	53.43 -0.10 0.00	51.65 -0.17 0.00	53.61 -0.21 0.00	97.17 -0.39 0.00	93.14 -0.47 0.00	85.72 -0.49 0.00	90.34 -0.33 0.00	86.17 -0.10 0.00	102.12 0.04 0.00	87.94 -0.02 0.00	56.79 0.02 0.00
CH_RES_NIAGARA 23895	52.78 -2.34 0.00	36.63 -1.58 0.00	33.24 -1.21 0.00	34.36 -1.42 0.00	34.44 -1.62 0.00	36.00 -1.62 0.00	39.66 -1.78 0.00	44.89 -1.92 0.00	47.02 -2.29 0.00	63.18 -2.72 0.00	39.94 -1.60 0.00	48.66 -1.94 0.00	49.96 -2.20 0.00	51.30 -2.23 0.00	49.52 -2.29 0.00	52.06 -1.76 0.00	94.21 -3.35 0.00	90.88 -2.73 0.00	83.49 -2.72 0.00	87.34 -3.34 0.00	83.50 -2.76 0.00	98.56 -3.51 0.00	86.42 -1.54 0.00	55.69 -1.08 0.00
CH_RES_SYRACUSE 23985	55.00 -0.12 0.00	38.15 -0.06 0.00	34.50 0.04 0.00	35.72 -0.06 0.00	35.97 -0.09 0.00	37.51 -0.10 0.00	41.30 -0.13 0.00	46.54 -0.27 0.00	48.95 -0.36 0.00	65.43 -0.47 0.00	41.11 -0.44 0.00	49.99 -0.60 0.00	51.54 -0.63 0.00	52.97 -0.57 0.00	51.39 -0.42 0.00	53.54 -0.29 0.00	97.36 -0.20 0.00	93.73 0.13 0.00	86.75 0.51 -0.02	91.66 0.48 -0.51	87.45 0.39 -0.80	105.20 0.04 -3.08	90.12 -0.02 -2.19	56.66 -0.14 -0.03
CLINTON_WT_PWR 323605	54.85 -0.28 0.00	38.06 -0.15 0.00	34.09 -0.37 0.00	35.42 -0.36 0.00	35.73 -0.33 0.00	37.26 -0.36 0.00	41.11 -0.33 0.00	46.63 -0.17 0.00	49.42 0.11 0.00	65.82 -0.08 0.00	41.53 -0.01 0.00	50.62 0.03 0.00	52.29 0.12 0.00	53.51 -0.02 0.00	51.50 -0.31 0.00	53.38 -0.43 0.00	96.83 -0.74 0.00	92.78 -0.83 0.00	85.13 -1.08 0.00	90.33 -0.34 0.00	86.61 0.35 0.00	102.85 0.77 0.00	88.46 0.50 0.00	57.27 0.50 0.00
CLINTON___LFGE 323618	55.57 0.44 0.00	38.54 0.34 0.00	34.55 0.09 0.00	35.85 0.07 0.00	36.12 0.07 0.00	37.66 0.05 0.00	41.53 0.09 0.00	47.10 0.29 0.00	49.97 0.66 0.00	66.47 0.57 0.00	41.92 0.38 0.00	51.10 0.51 0.00	52.75 0.58 0.00	54.01 0.48 0.00	52.02 0.20 0.00	54.12 0.30 0.00	98.22 0.66 0.00	94.19 0.58 0.00	86.34 0.13 0.00	91.52 0.85 0.00	87.81 1.54 0.00	104.15 2.07 0.00	89.62 1.66 0.00	58.11 1.34 0.00
COBBLENY_34_KV_TB1 80064	54.01 -1.12 0.00	37.41 -0.80 0.00	33.90 -0.56 0.00	34.99 -0.79 0.00	35.08 -0.97 0.00	36.65 -0.96 0.00	40.40 -1.04 0.00	45.70 -1.11 0.00	47.88 -1.44 0.00	64.35 -1.55 0.00	40.63 -0.91 0.00	49.59 -1.00 0.00	51.16 -1.01 0.00	52.63 -0.90 0.00	51.01 -0.80 0.00	53.68 -0.13 0.00	97.57 0.00 0.00	94.09 0.49 0.00	86.74 0.53 0.00	90.79 0.11 0.00	86.63 0.36 0.00	102.17 0.09 0.00	88.91 0.95 0.00	57.06 0.28 0.00
COFFEEN___115KV_TB3 355620	57.27 2.14 0.00	39.55 1.35 0.00	35.65 1.20 0.00	36.98 1.21 0.00	37.32 1.26 0.00	39.05 1.44 0.00	42.90 1.46 0.00	48.32 1.52 0.00	50.97 1.66 0.00	68.17 2.28 0.00	42.47 0.93 0.00	50.90 0.31 0.00	52.51 0.35 0.00	53.74 0.21 0.00	51.45 -0.37 0.00	53.55 -0.26 0.00	97.15 -0.41 0.00	94.47 0.87 0.00	88.80 2.56 -0.03	96.02 4.82 -0.53	93.19 6.10 -0.83	112.63 7.35 -3.20	95.76 5.53 -2.27	59.93 3.13 -0.03
COLDSPRG_115KV_BK1 355956	55.38 0.25 0.00	38.17 -0.03 0.00	34.59 0.13 0.00	35.69 -0.09 0.00	35.86 -0.20 0.00	37.43 -0.18 0.00	41.31 -0.13 0.00	46.66 -0.15 0.00	48.82 -0.49 0.00	65.58 -0.32 0.00	41.33 -0.21 0.00	50.51 -0.08 0.00	52.36 0.19 0.00	53.83 0.30 0.00	52.35 0.54 0.00	55.13 1.31 0.00	100.48 2.92 0.00	96.68 3.07 0.00	89.30 3.09 0.00	93.34 2.66 0.00	88.98 2.72 0.00	105.20 3.12 0.00	91.27 3.31 0.00	58.56 1.79 0.00
COLONIE_LFGE___ 323577	56.99 1.86 0.00	39.41 1.21 0.00	35.85 1.39 0.00	37.10 1.32 0.00	37.49 1.43 0.00	39.07 1.45 0.00	42.79 1.35 0.00	48.06 1.26 0.00	50.82 1.51 0.00	67.81 1.92 0.00	40.39 1.04 2.19	50.39 1.32 1.52	18.01 1.30 35.45	45.38 1.42 9.56	48.62 1.32 4.51	54.64 1.41 0.59	98.64 2.69 1.61	83.58 3.31 13.33	89.48 3.27 0.00	94.35 3.67 0.00	89.17 2.91 0.00	104.87 2.79 0.00	90.37 2.42 0.00	58.04 1.27 0.00
COOPERNY_115KV_TB1 80082	57.47 2.35 0.00	36.75 1.55 3.01	35.63 1.63 0.46	37.33 1.56 0.00	37.59 1.53 0.00	39.08 1.47 0.00	42.91 1.47 0.00	48.40 1.59 0.00	51.19 1.88 0.00	67.99 2.84 0.75	29.66 1.97 13.86	53.56 2.57 -0.40	64.65 2.67 -9.81	59.00 2.82 -2.65	55.89 2.83 -1.25	56.83 2.85 -0.16	103.71 5.70 -0.45	103.31 6.01 -3.69	92.10 5.89 0.00	96.06 5.38 0.00	90.43 4.17 0.00	105.77 3.70 0.00	90.99 3.03 0.00	58.66 1.89 0.00
COPENHAGEN_WT_PWR 323753	56.40 1.28 0.00	38.99 0.78 0.00	35.17 0.71 0.00	36.53 0.76 0.00	36.89 0.84 0.00	38.61 1.00 0.00	42.42 0.98 0.00	47.81 1.00 0.00	50.49 1.18 0.00	67.51 1.61 0.00	42.14 0.60 0.00	50.60 0.01 0.00	52.20 0.04 0.00	53.39 -0.14 0.00	51.23 -0.58 0.00	53.38 -0.44 0.00	96.87 -0.69 0.00	94.06 0.45 0.00	88.19 1.96 -0.03	95.02 3.79 -0.55	91.95 4.81 -0.87	111.18 5.74 -3.37	94.45 4.11 -2.39	59.11 2.30 -0.03
CORNELL_____ 23752	56.06 0.94 0.00	38.81 0.61 0.00	35.15 0.69 0.00	36.36 0.58 0.00	36.59 0.54 0.00	38.14 0.53 0.00	42.01 0.58 0.00	47.28 0.48 0.00	49.55 0.24 0.00	66.12 0.22 0.00	41.55 0.01 0.00	50.52 -0.07 0.00	52.01 -0.15 0.00	53.38 -0.15 0.00	51.84 0.03 0.00	54.09 0.27 0.00	98.55 0.99 0.00	95.11 1.51 0.00	88.47 2.27 0.00	93.53 2.85 0.00	89.06 2.79 0.00	104.86 2.79 0.00	90.21 2.25 0.00	58.00 1.22 0.00

CORONA V_69_KV_TB1 355595	59.31 4.18 0.00	46.09 3.08 -4.80	38.23 3.04 -0.74	38.71 2.94 0.00	38.94 2.88 0.00	40.45 2.84 0.00	44.45 3.02 0.00	50.36 3.55 0.00	53.54 4.23 0.00	85.95 6.11 -13.94	80.16 4.16 -34.45	59.61 5.15 -3.87	86.03 5.27 -28.60	85.24 5.45 -26.26	92.61 5.44 -35.36	117.20 5.25 -58.12	160.00 10.59 -51.85	124.14 10.20 -20.33	95.95 9.73 0.00	99.33 8.65 0.00	93.18 6.91 0.00	109.42 6.49 -0.85	131.54 5.83 -37.76	102.63 3.91 -41.95
CORTLAND_115KV_TB3 80093	55.66 0.54 0.00	38.56 0.36 0.00	34.90 0.44 0.00	36.13 0.36 0.00	36.37 0.32 0.00	37.91 0.30 0.00	41.75 0.32 0.00	47.04 0.23 0.00	49.40 0.09 0.00	66.03 0.13 0.00	41.50 -0.04 0.00	50.50 -0.09 0.00	52.03 -0.13 0.00	53.46 -0.07 0.00	51.87 0.06 0.00	54.06 0.23 0.00	98.42 0.86 0.00	94.77 1.16 0.00	87.91 1.70 0.00	92.60 1.92 0.00	88.04 1.78 0.00	103.73 1.66 0.00	89.28 1.33 0.00	57.44 0.67 0.00
COXSACKIE__GT 23611	58.38 3.26 0.00	40.33 2.12 0.00	36.53 2.07 0.00	37.75 1.98 0.00	38.05 1.99 0.00	39.64 2.03 0.00	43.41 1.98 0.00	48.78 1.97 0.00	51.28 1.97 0.00	68.10 2.20 0.00	42.53 1.36 0.37	52.00 1.66 0.26	48.51 1.73 5.38	53.93 1.84 1.45	53.01 1.88 0.68	55.72 1.99 0.09	101.72 4.40 0.24	96.64 5.05 2.02	91.83 5.62 0.00	97.14 6.46 0.00	92.34 6.07 0.00	108.32 6.24 0.00	93.02 5.06 0.00	59.62 2.84 0.00
CPV_VALLEY__CC1 323721	57.53 2.40 0.00	36.01 1.59 3.78	35.58 1.70 0.58	37.39 1.61 0.00	37.64 1.59 0.00	39.13 1.52 0.00	42.95 1.51 0.00	48.45 1.64 0.00	51.30 1.99 0.00	67.99 3.03 0.94	26.19 2.12 17.47	53.83 2.76 -0.48	66.46 2.83 -11.46	59.61 2.98 -3.10	56.27 2.99 -1.46	56.99 2.98 -0.19	104.04 5.96 -0.52	104.22 6.30 -4.31	92.33 6.13 0.00	96.19 5.51 0.00	90.48 4.22 0.00	105.72 3.64 0.00	90.93 2.98 0.00	58.62 1.85 0.00
CPV_VALLEY__CC2 323722	57.53 2.40 0.00	36.01 1.59 3.78	35.58 1.70 0.58	37.39 1.61 0.00	37.64 1.59 0.00	39.13 1.52 0.00	42.95 1.51 0.00	48.45 1.64 0.00	51.30 1.99 0.00	67.99 3.03 0.94	26.19 2.12 17.47	53.83 2.76 -0.48	66.46 2.83 -11.46	59.61 2.98 -3.10	56.27 2.99 -1.46	56.99 2.98 -0.19	104.04 5.96 -0.52	104.22 6.30 -4.31	92.33 6.13 0.00	96.19 5.51 0.00	90.48 4.22 0.00	105.72 3.64 0.00	90.93 2.98 0.00	58.62 1.85 0.00
CRESCENT__HYD 24018	56.99 1.86 0.00	39.41 1.21 0.00	35.85 1.39 0.00	37.10 1.32 0.00	37.49 1.43 0.00	39.07 1.45 0.00	42.79 1.35 0.00	48.06 1.26 0.00	50.82 1.51 0.00	67.81 1.92 0.00	40.39 1.04 2.19	50.39 1.32 1.52	18.01 1.30 35.45	45.38 1.42 9.56	48.62 1.32 4.51	54.64 1.41 0.59	98.64 3.31 1.61	83.58 3.27 13.33	89.48 3.67 0.00	94.35 2.91 0.00	89.17 2.91 0.00	104.87 2.79 0.00	90.37 2.42 0.00	58.04 1.27 0.00
CRICKET__VALLEY_CC1 323756	57.31 2.18 0.00	41.07 1.49 -1.37	36.34 1.67 -0.21	37.37 1.59 0.00	37.67 1.61 0.00	39.22 1.61 0.00	43.00 1.56 0.00	48.42 1.62 0.00	51.34 2.03 0.00	69.16 2.92 -0.34	31.34 1.94 12.14	40.10 2.52 13.01	-243.66 2.57 298.39	-24.27 2.70 80.51	16.50 2.67 37.98	51.49 2.66 4.99	89.31 5.29 13.54	-12.83 5.79 112.23	91.82 5.61 0.00	95.95 5.27 0.00	90.26 4.00 0.00	105.43 3.35 0.00	90.80 2.85 0.00	58.39 1.62 0.00
CRICKET__VALLEY_CC2 323757	57.31 2.18 0.00	41.07 1.49 -1.37	36.34 1.67 -0.21	37.37 1.59 0.00	37.67 1.61 0.00	39.22 1.61 0.00	43.00 1.56 0.00	48.42 1.62 0.00	51.34 2.03 0.00	69.16 2.92 -0.34	31.34 1.94 12.14	40.10 2.52 13.01	-243.66 2.57 298.39	-24.27 2.70 80.51	16.50 2.67 37.98	51.49 2.66 4.99	89.31 5.29 13.54	-12.83 5.79 112.23	91.82 5.61 0.00	95.95 5.27 0.00	90.26 4.00 0.00	105.43 3.35 0.00	90.80 2.85 0.00	58.39 1.62 0.00
CRICKET__VALLEY_CC3 323758	57.31 2.18 0.00	41.07 1.49 -1.37	36.34 1.67 -0.21	37.37 1.59 0.00	37.67 1.61 0.00	39.22 1.61 0.00	43.00 1.56 0.00	48.42 1.62 0.00	51.34 2.03 0.00	69.16 2.92 -0.34	31.34 1.94 12.14	40.10 2.52 13.01	-243.66 2.57 298.39	-24.27 2.70 80.51	16.50 2.67 37.98	51.49 2.66 4.99	89.31 5.29 13.54	-12.83 5.79 112.23	91.82 5.61 0.00	95.95 5.27 0.00	90.26 4.00 0.00	105.43 3.35 0.00	90.80 2.85 0.00	58.39 1.62 0.00
CRUCIBLE_METL_DRP 24180	55.00 -0.12 0.00	38.15 -0.06 0.00	34.50 0.04 0.00	35.72 -0.06 0.00	35.97 -0.09 0.00	37.51 -0.10 0.00	41.30 -0.13 0.00	46.53 -0.27 0.00	48.94 -0.37 0.00	65.43 -0.47 0.00	41.11 -0.43 0.00	49.99 -0.61 0.00	51.54 -0.63 0.00	52.96 -0.57 0.00	51.39 -0.42 0.00	53.53 -0.29 0.00	97.36 -0.20 0.00	93.73 0.13 0.00	86.74 0.51 -0.02	91.66 0.47 -0.51	87.45 0.39 -0.80	105.19 0.03 -3.08	90.13 -0.02 -2.19	56.65 -0.16 -0.03
DAHOWA__HYDRO 323763	57.88 2.75 0.00	39.99 1.79 0.00	36.29 1.83 0.00	37.54 1.77 0.00	37.86 1.81 0.00	39.45 1.84 0.00	43.26 1.82 0.00	48.52 1.71 0.00	51.13 1.82 0.00	68.15 2.25 0.00	40.91 1.10 1.73	50.88 1.49 1.20	25.61 1.44 28.00	47.61 1.64 7.55	49.68 1.43 3.56	54.98 1.63 0.47	99.61 3.32 1.27	87.27 4.19 10.53	90.67 4.46 0.00	95.91 5.23 0.00	90.91 4.64 0.00	106.81 4.73 0.00	91.80 3.85 0.00	58.84 2.07 0.00
DANC__LFGE 323619	55.64 0.52 0.00	38.52 0.31 0.00	34.77 0.31 0.00	36.08 0.31 0.00	36.39 0.33 0.00	38.04 0.42 0.00	41.81 0.38 0.00	47.15 0.34 0.00	49.67 0.36 0.00	66.42 0.52 0.00	41.54 0.00 0.00	50.10 -0.49 0.00	51.65 -0.52 0.00	52.95 -0.58 0.00	50.97 -0.84 0.00	53.01 -0.81 0.00	96.21 -1.35 0.00	93.14 -0.47 0.00	86.95 0.71 -0.03	93.20 1.82 -0.70	89.87 2.50 -1.11	109.25 2.88 -4.29	93.06 2.06 -3.04	57.92 1.11 -0.04
DANSKAMMER__1 23586	58.64 3.52 0.00	40.56 2.36 0.00	36.83 2.37 0.00	38.08 2.30 0.00	38.33 2.28 0.00	39.85 2.24 0.00	43.76 2.32 0.00	49.39 2.58 0.00	52.32 3.01 0.00	70.33 4.43 0.00	45.14 3.04 -0.57	54.88 3.90 -0.39	69.05 4.04 -12.85	61.24 4.23 -3.47	57.65 4.20 -1.64	58.34 4.31 -0.22	106.65 8.50 -0.58	107.34 8.89 -4.84	94.73 8.53 0.00	98.67 7.99 0.00	92.71 6.45 0.00	108.22 6.15 0.00	93.00 5.04 0.00	59.85 3.07 0.00
DANSKAMMER__2 23589	58.64 3.52 0.00	40.56 2.36 0.00	36.83 2.37 0.00	38.08 2.30 0.00	38.33 2.28 0.00	39.85 2.24 0.00	43.76 2.32 0.00	49.39 2.58 0.00	52.32 3.01 0.00	70.33 4.43 0.00	45.14 3.04 -0.57	54.88 3.90 -0.39	69.05 4.04 -12.85	61.24 4.23 -3.47	57.65 4.20 -1.64	58.34 4.31 -0.22	106.65 8.50 -0.58	107.34 8.89 -4.84	94.73 8.53 0.00	98.67 7.99 0.00	92.71 6.45 0.00	108.22 6.15 0.00	93.00 5.04 0.00	59.85 3.07 0.00
DANSKAMMER__3 23590	58.64 3.52 0.00	40.56 2.36 0.00	36.83 2.37 0.00	38.08 2.30 0.00	38.33 2.28 0.00	39.85 2.24 0.00	43.76 2.32 0.00	49.39 2.58 0.00	52.32 3.01 0.00	70.33 4.43 0.00	45.14 3.04 -0.57	54.88 3.90 -0.39	69.05 4.04 -12.85	61.24 4.23 -3.47	57.65 4.20 -1.64	58.34 4.31 -0.22	106.65 8.50 -0.58	107.34 8.89 -4.84	94.73 8.53 0.00	98.67 7.99 0.00	92.71 6.45 0.00	108.22 6.15 0.00	93.00 5.04 0.00	59.85 3.07 0.00

DANSKAMMER___4 23591	58.64 3.52 0.00	40.56 2.36 0.00	36.83 2.37 0.00	38.08 2.30 0.00	38.33 2.28 0.00	39.85 2.24 0.00	43.76 2.32 0.00	49.39 2.58 0.00	52.32 3.01 0.00	70.33 4.43 0.00	45.14 3.04 -0.57	54.88 3.90 -0.39	69.05 4.04 -12.85	61.24 4.23 -3.47	57.65 4.20 -1.64	58.34 4.31 -0.22	106.65 8.50 -0.58	107.34 8.89 -4.84	94.73 8.53 0.00	98.67 7.99 0.00	92.71 6.45 0.00	108.22 6.15 0.00	93.00 5.04 0.00	59.85 3.07 0.00
DANSKAMMER___DIESEL 23592	58.64 3.52 0.00	40.56 2.36 0.00	36.83 2.37 0.00	38.07 2.30 0.00	38.33 2.28 0.00	39.85 2.24 0.00	43.76 2.32 0.00	49.39 2.58 0.00	52.32 3.01 0.00	70.33 4.43 0.00	45.14 3.04 -0.57	54.89 3.90 -0.39	69.05 4.04 -12.85	61.24 4.23 -3.47	57.65 4.20 -1.64	58.34 4.31 -0.22	106.64 8.49 -0.58	107.34 8.89 -4.84	94.73 8.52 0.00	98.67 7.99 0.00	92.71 6.45 0.00	108.23 6.16 0.00	92.99 5.04 0.00	59.86 3.08 0.00
DARBY___SOLAR 323810	57.67 2.54 0.00	39.86 1.65 0.00	36.18 1.73 0.00	37.43 1.65 0.00	37.76 1.70 0.00	39.34 1.73 0.00	43.13 1.70 0.00	48.38 1.58 0.00	51.01 1.70 0.00	67.97 2.08 0.00	40.75 1.02 1.82	50.70 1.37 1.26	24.05 1.33 29.44	47.12 1.53 7.94	49.41 1.34 3.75	54.86 1.53 0.49	99.29 3.07 1.34	86.43 3.90 11.07	90.38 4.17 0.00	95.54 4.86 0.00	90.50 4.23 0.00	106.35 4.27 0.00	91.45 3.50 0.00	58.66 1.89 0.00
DASHVILLE___HYD 23610	58.00 2.87 0.00	39.43 1.91 0.69	36.32 1.97 0.11	37.69 1.91 0.00	37.93 1.87 0.00	39.43 1.82 0.00	43.31 1.87 0.00	48.88 2.07 0.00	51.75 2.44 0.00	69.38 3.65 0.17	41.20 2.62 2.96	54.19 3.35 -0.24	63.37 3.46 -7.75	59.31 3.68 -2.10	56.51 3.71 -0.99	57.61 3.66 -0.13	105.27 7.35 -0.35	104.12 7.59 -2.92	93.53 7.32 0.00	97.36 6.69 0.00	91.57 5.30 0.00	106.92 4.84 0.00	91.93 3.97 0.00	59.21 2.44 0.00
DELAWARE___LFGE 323621	56.79 1.66 0.00	39.31 1.11 0.00	35.65 1.19 0.00	36.99 1.21 0.00	37.21 1.16 0.00	38.74 1.13 0.00	42.63 1.19 0.00	48.07 1.26 0.00	50.65 1.34 0.00	67.89 1.99 0.00	42.86 1.32 0.00	52.30 1.70 0.00	53.93 1.77 0.00	55.34 1.81 0.00	53.67 1.86 0.00	55.76 1.94 0.00	101.47 3.90 0.00	97.51 3.91 0.00	90.22 4.01 0.00	94.54 3.86 0.00	89.56 3.30 0.00	105.24 3.16 0.00	90.68 2.72 0.00	58.44 1.67 0.00
DERFIELD_115KV_TB7 355931	55.35 0.22 0.00	38.36 0.16 0.00	34.67 0.20 0.00	35.96 0.18 0.00	36.24 0.19 0.00	37.80 0.19 0.00	41.60 0.16 0.00	46.92 0.12 0.00	49.46 0.15 0.00	66.09 0.19 0.00	41.65 0.11 0.00	50.75 0.15 0.00	52.32 0.15 0.00	53.69 0.16 0.00	51.97 0.16 0.00	53.99 0.18 0.00	97.99 0.43 0.00	94.12 0.51 0.00	86.85 0.64 0.00	91.30 0.63 0.00	86.74 0.48 0.00	102.38 0.31 0.00	88.22 0.26 0.00	56.89 0.12 0.00
DOGLEVILLE___HYD 23807	55.83 0.70 0.00	38.52 0.31 0.00	35.07 0.62 0.00	36.26 0.49 0.00	36.54 0.48 0.00	38.07 0.46 0.00	41.70 0.27 0.00	46.62 -0.19 0.00	48.98 -0.33 0.00	65.28 -0.62 0.00	40.74 -0.80 0.00	49.91 -0.68 0.00	51.18 -0.99 0.00	52.66 -0.88 0.00	50.81 -1.00 0.00	52.94 -0.88 0.00	96.48 -1.08 0.00	93.50 -0.10 0.00	87.70 1.49 0.00	93.19 2.51 0.00	88.50 2.24 0.00	104.04 1.97 0.00	89.06 1.10 0.00	57.04 0.26 0.00
DUNKIRK__115KV_TB_200 55889	54.39 -0.73 0.00	37.61 -0.60 0.00	34.09 -0.37 0.00	35.16 -0.62 0.00	35.31 -0.74 0.00	36.87 -0.74 0.00	40.71 -0.72 0.00	45.97 -0.83 0.00	48.09 -1.22 0.00	64.63 -1.26 0.00	40.75 -0.80 0.00	49.88 -0.72 0.00	51.59 -0.57 0.00	53.03 -0.50 0.00	51.52 -0.29 0.00	54.25 0.42 0.00	98.75 1.19 0.00	94.99 1.38 0.00	87.62 1.41 0.00	91.59 0.91 0.00	87.36 1.10 0.00	103.19 1.11 0.00	89.61 1.66 0.00	57.54 0.76 0.00
DUNKIRK___1 23563	54.39 -0.73 0.00	37.61 -0.60 0.00	34.09 -0.37 0.00	35.16 -0.62 0.00	35.31 -0.74 0.00	36.87 -0.74 0.00	40.71 -0.72 0.00	45.97 -0.83 0.00	48.09 -1.22 0.00	64.63 -1.26 0.00	40.75 -0.80 0.00	49.88 -0.72 0.00	51.59 -0.57 0.00	53.03 -0.50 0.00	51.52 -0.29 0.00	54.25 0.42 0.00	98.75 1.19 0.00	94.99 1.38 0.00	87.62 1.41 0.00	91.59 0.91 0.00	87.36 1.10 0.00	103.19 1.11 0.00	89.61 1.66 0.00	57.54 0.76 0.00
DUNKIRK___2 23564	54.39 -0.73 0.00	37.61 -0.60 0.00	34.09 -0.37 0.00	35.16 -0.62 0.00	35.31 -0.74 0.00	36.87 -0.74 0.00	40.71 -0.72 0.00	45.97 -0.83 0.00	48.09 -1.22 0.00	64.63 -1.26 0.00	40.75 -0.80 0.00	49.88 -0.72 0.00	51.59 -0.57 0.00	53.03 -0.50 0.00	51.52 -0.29 0.00	54.25 0.42 0.00	98.75 1.19 0.00	94.99 1.38 0.00	87.62 1.41 0.00	91.59 0.91 0.00	87.36 1.10 0.00	103.19 1.11 0.00	89.61 1.66 0.00	57.54 0.76 0.00
DUNKIRK___3 23565	54.10 -1.03 0.00	37.42 -0.79 0.00	33.93 -0.53 0.00	35.01 -0.77 0.00	35.15 -0.91 0.00	36.71 -0.90 0.00	40.52 -0.92 0.00	45.76 -1.05 0.00	47.89 -1.42 0.00	64.36 -1.54 0.00	40.58 -0.97 0.00	49.61 -0.98 0.00	51.29 -0.87 0.00	52.74 -0.79 0.00	51.21 -0.61 0.00	53.90 0.08 0.00	98.06 0.50 0.00	94.35 0.74 0.00	86.99 0.78 0.00	90.94 0.27 0.00	86.73 0.47 0.00	102.44 0.36 0.00	89.01 1.06 0.00	57.18 0.40 0.00
DUNKIRK___4 23566	54.10 -1.03 0.00	37.42 -0.79 0.00	33.93 -0.53 0.00	35.01 -0.77 0.00	35.15 -0.91 0.00	36.71 -0.90 0.00	40.52 -0.92 0.00	45.76 -1.05 0.00	47.89 -1.42 0.00	64.36 -1.54 0.00	40.58 -0.97 0.00	49.61 -0.98 0.00	51.29 -0.87 0.00	52.74 -0.79 0.00	51.21 -0.61 0.00	53.90 0.08 0.00	98.06 0.50 0.00	94.35 0.74 0.00	86.99 0.78 0.00	90.94 0.27 0.00	86.73 0.47 0.00	102.44 0.36 0.00	89.01 1.06 0.00	57.18 0.40 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	58.74 3.61 0.00	45.51 2.48 -4.82	37.73 2.53 -0.74	38.23 2.45 0.00	38.49 2.44 0.00	40.01 2.40 0.00	43.90 2.46 0.00	49.57 2.76 0.00	52.60 3.28 0.00	71.96 4.87 -1.20	68.92 3.37 -24.01	55.46 4.28 -0.59	70.28 4.38 -13.73	61.79 4.55 -3.71	58.10 4.54 -1.75	58.55 4.50 -0.23	106.92 8.74 -0.62	107.84 9.07 -5.17	94.83 8.62 0.00	98.52 7.84 0.00	92.51 6.25 0.00	107.99 5.91 0.00	92.86 4.91 0.00	59.93 3.15 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	58.30 3.17 0.00	38.12 2.10 2.19	36.27 2.15 0.34	37.84 2.06 0.00	38.09 2.04 0.00	39.61 2.00 0.00	43.47 2.04 0.00	49.06 2.25 0.00	51.96 2.64 0.00	69.28 3.93 0.54	34.37 2.72 9.90	54.54 3.51 -0.43	68.07 3.62 -12.28	60.65 3.80 -3.32	57.18 3.80 -1.57	57.89 3.86 -0.21	105.75 7.63 -0.56	106.28 8.04 -4.63	93.97 7.76 0.00	97.86 7.18 0.00	91.97 5.71 0.00	107.38 5.31 0.00	92.27 4.32 0.00	59.45 2.68 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	59.02 3.89 0.00	45.72 2.70 -4.82	37.96 2.76 -0.74	38.44 2.66 0.00	38.69 2.64 0.00	40.20 2.59 0.00	44.10 2.66 0.00	49.84 3.03 0.00	52.86 3.55 0.00	72.47 5.37 -1.20	69.31 3.77 -24.00	55.82 4.64 -0.59	70.61 4.72 -13.73	62.21 4.97 -3.71	58.53 4.97 -1.75	58.94 4.89 -0.23	107.67 9.48 -0.62	108.62 9.84 -5.17	95.50 9.30 0.00	99.21 8.53 0.00	93.11 6.85 0.00	108.59 6.51 0.00	93.40 5.44 0.00	60.40 3.63 0.00

E179THST_13_KV_LOAD 356214	59.35 4.22 0.00	45.95 2.92 -4.82	38.16 2.96 -0.74	38.64 2.87 0.00	38.89 2.84 0.00	40.41 2.80 0.00	44.32 2.89 0.00	50.10 3.29 0.00	53.14 3.82 0.00	72.86 5.77 -1.20	69.56 4.02 -24.00	56.16 4.97 -0.59	70.97 5.08 -13.73	62.58 5.34 -3.71	58.90 5.34 -1.75	59.31 5.26 -0.23	108.34 10.15 -0.62	109.27 10.50 -5.17	96.10 9.89 0.00	99.84 9.16 0.00	93.71 7.45 0.00	109.29 7.21 0.00	93.99 6.04 0.00	60.78 4.01 0.00
EAST HAMPTON___GT 23717	58.85 3.72 0.00	45.74 2.73 -4.80	37.96 2.76 -0.74	38.31 2.53 0.00	38.48 2.42 0.00	40.05 2.44 0.00	44.73 3.29 0.00	51.64 4.83 0.00	55.54 6.23 0.00	89.42 9.58 -13.94	77.67 6.22 -29.90	62.19 7.72 -3.87	88.79 8.03 -28.60	87.88 8.08 -26.26	88.92 7.32 -29.80	58.02 6.67 2.46	106.76 12.89 3.69	109.60 12.32 -3.67	97.63 11.42 0.00	100.34 9.66 0.00	95.91 9.65 0.00	110.20 9.12 1.00	89.88 7.59 5.66	58.24 5.19 3.72
EAST RIVER___6 23660	59.04 3.92 0.00	45.74 2.70 -4.83	37.95 2.75 -0.74	38.46 2.68 0.00	38.71 2.66 0.00	40.22 2.61 0.00	44.14 2.71 0.00	49.88 3.07 0.00	52.94 3.63 0.00	72.49 5.40 -1.20	69.35 3.78 -24.03	55.91 4.73 -0.59	70.73 4.84 -13.73	62.27 5.03 -3.71	58.57 5.01 -1.75	59.04 5.00 -0.23	107.82 9.64 -0.62	108.77 10.00 -5.17	95.65 9.44 0.00	99.21 8.53 0.00	93.13 6.87 0.00	108.55 6.47 0.00	93.35 5.40 0.00	60.32 3.55 0.00
EAST RIVER___7 23524	59.04 3.92 0.00	45.74 2.70 -4.83	37.95 2.75 -0.74	38.46 2.68 0.00	38.71 2.66 0.00	40.22 2.61 0.00	44.14 2.71 0.00	49.88 3.07 0.00	52.94 3.63 0.00	72.49 5.40 -1.20	69.35 3.78 -24.03	55.91 4.73 -0.59	70.73 4.84 -13.73	62.27 5.03 -3.71	58.57 5.01 -1.75	59.04 5.00 -0.23	107.82 9.64 -0.62	108.77 10.00 -5.17	95.65 9.44 0.00	99.21 8.53 0.00	93.13 6.87 0.00	108.55 6.47 0.00	93.35 5.40 0.00	60.32 3.55 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	58.58 3.45 0.00	45.58 2.34 -5.03	37.64 2.41 -0.77	38.11 2.33 0.00	38.37 2.32 0.00	39.88 2.27 0.00	43.76 2.33 0.00	49.42 2.61 0.00	52.40 3.09 0.00	71.75 4.61 -1.25	69.73 3.19 -25.01	55.24 4.06 -0.59	70.05 4.17 -13.72	61.58 4.35 -3.70	57.88 4.32 -1.75	58.34 4.29 -0.23	106.53 8.35 -0.62	107.46 8.70 -5.16	94.50 8.29 0.00	98.22 7.54 0.00	92.23 5.97 0.00	107.65 5.57 0.00	92.58 4.62 0.00	59.75 2.97 0.00
EAST_HAMPTON___DIESEL 23722	58.69 3.57 0.00	45.63 2.62 -4.80	37.86 2.66 -0.74	38.21 2.43 0.00	38.37 2.32 0.00	39.96 2.35 0.00	44.66 3.22 0.00	51.60 4.79 0.00	55.52 6.20 0.00	89.41 9.57 -13.94	77.70 6.26 -29.90	62.23 7.76 -3.87	88.84 8.08 -28.60	87.89 8.09 -26.26	88.93 7.33 -29.80	58.02 6.67 2.46	106.76 12.89 3.69	109.56 12.28 -3.67	97.59 11.38 0.00	100.25 9.57 0.00	95.90 9.64 0.00	110.20 9.13 1.00	89.88 7.58 5.66	58.24 5.19 3.72
EAST_POINT___SOLAR 323840	58.69 3.56 0.00	40.54 2.33 0.00	36.56 2.10 0.00	37.94 2.16 0.00	38.04 1.99 0.00	39.68 2.07 0.00	43.15 1.71 0.00	48.38 1.57 0.00	50.43 1.12 0.00	67.77 1.88 0.00	41.13 0.47 0.88	50.41 0.42 0.61	37.97 0.09 14.29	49.32 -0.36 3.86	49.74 -0.26 1.82	53.25 -0.33 0.24	96.49 -0.42 0.65	88.38 0.15 5.37	87.86 1.65 0.00	95.51 4.83 0.00	92.85 6.58 0.00	109.99 7.91 0.00	94.75 6.80 0.00	60.83 4.06 0.00
EAST_PULASKI___ESR 323781	54.93 -0.19 0.00	38.08 -0.13 0.00	34.39 -0.07 0.00	35.66 -0.12 0.00	35.92 -0.13 0.00	37.49 -0.12 0.00	41.25 -0.18 0.00	46.52 -0.29 0.00	48.94 -0.37 0.00	65.43 -0.46 0.00	41.00 -0.54 0.00	49.66 -0.94 0.00	51.18 -0.98 0.00	52.57 -0.96 0.00	50.78 -1.04 0.00	52.71 -1.11 0.00	95.63 -1.93 0.00	92.28 -1.33 0.00	85.75 -0.51 -0.05	91.62 -0.11 -1.06	88.12 0.19 -1.67	108.54 0.02 -6.44	92.58 0.06 -4.57	56.78 -0.05 -0.06
EAST_RIVER___1 323558	58.99 3.86 0.00	45.69 2.65 -4.83	37.91 2.71 -0.74	38.42 2.64 0.00	38.67 2.62 0.00	40.19 2.58 0.00	44.10 2.66 0.00	49.81 3.00 0.00	52.88 3.57 0.00	72.41 5.32 -1.20	69.27 3.69 -24.03	55.82 4.64 -0.59	70.66 4.76 -13.73	62.18 4.94 -3.71	58.49 4.93 -1.75	58.95 4.90 -0.23	107.71 9.52 -0.62	108.63 9.85 -5.17	95.52 9.31 0.00	99.10 8.42 0.00	93.00 6.73 0.00	108.48 6.40 0.00	93.33 5.37 0.00	60.27 3.50 0.00
EAST_RIVER___2 323559	59.04 3.92 0.00	45.74 2.70 -4.83	37.95 2.75 -0.74	38.46 2.68 0.00	38.71 2.66 0.00	40.22 2.61 0.00	44.14 2.71 0.00	49.88 3.07 0.00	52.94 3.63 0.00	72.49 5.40 -1.20	69.35 3.78 -24.03	55.91 4.73 -0.59	70.73 4.84 -13.73	62.27 5.03 -3.71	58.57 5.01 -1.75	59.04 5.00 -0.23	107.82 9.64 -0.62	108.77 10.00 -5.17	95.65 9.44 0.00	99.21 8.53 0.00	93.13 6.87 0.00	108.55 6.47 0.00	93.35 5.40 0.00	60.32 3.55 0.00
EAST___DELAWARE_HYD 23607	57.15 2.02 0.00	37.60 1.27 1.88	35.51 1.34 0.29	36.98 1.21 0.00	37.20 1.15 0.00	38.67 1.06 0.00	42.45 1.01 0.00	47.91 1.10 0.00	50.69 1.38 0.00	67.61 2.18 0.47	34.63 1.59 8.51	53.05 2.09 -0.36	64.58 2.19 -10.22	58.67 2.37 -2.76	55.57 2.46 -1.30	56.52 2.53 -0.17	103.43 5.40 -0.46	103.52 6.06 -3.85	92.38 6.17 0.00	96.34 5.67 0.00	90.47 4.20 0.00	105.54 3.47 0.00	90.59 2.63 0.00	58.26 1.48 0.00
EIGHT_POINT___WT_PWR 323820	55.15 0.02 0.00	38.30 0.10 0.00	34.74 0.28 0.00	35.79 0.01 0.00	35.82 -0.23 0.00	37.39 -0.22 0.00	41.41 -0.03 0.00	46.55 -0.26 0.00	48.42 -0.89 0.00	64.86 -1.04 0.00	40.81 -0.73 0.00	49.61 -0.99 0.00	51.19 -0.98 0.00	52.57 -0.96 0.00	50.95 -0.86 0.00	53.44 -0.38 0.00	97.29 -0.27 0.00	94.10 0.50 0.00	87.61 1.40 0.00	92.60 1.92 0.00	88.60 2.33 0.00	104.55 2.47 0.00	90.38 2.42 0.00	58.24 1.47 0.00
ELBRIDGE_115KV_TB2 80188	54.66 -0.47 0.00	37.92 -0.29 0.00	34.33 -0.13 0.00	35.52 -0.26 0.00	35.81 -0.25 0.00	37.33 -0.28 0.00	41.12 -0.32 0.00	46.29 -0.52 0.00	48.68 -0.63 0.00	65.07 -0.82 0.00	40.88 -0.66 0.00	49.73 -0.87 0.00	51.26 -0.90 0.00	52.61 -0.92 0.00	51.09 -0.72 0.00	53.24 -0.58 0.00	96.78 -0.78 0.00	93.17 -0.44 0.00	86.16 -0.07 -0.02	91.14 -0.05 -0.52	86.98 -0.09 -0.81	104.69 -0.51 -3.13	89.70 -0.48 -2.22	56.38 -0.42 -0.03
ELEC_TRO_TEK 24086	58.92 3.80 0.00	45.82 2.82 -4.80	38.00 2.81 -0.74	38.49 2.71 0.00	38.71 2.65 0.00	40.22 2.61 0.00	44.20 2.76 0.00	50.06 3.25 0.00	53.21 3.90 0.00	85.45 5.61 -13.94	77.26 3.81 -31.91	59.18 4.72 -3.87	85.58 4.82 -28.60	84.76 4.97 -26.26	87.08 4.94 -30.32	80.72 4.69 -22.21	126.80 9.48 -19.76	113.51 9.17 -10.73	94.99 8.79 0.00	98.34 7.67 0.00	92.26 6.00 0.00	107.52 5.45 0.00	107.53 4.97 -14.60	76.32 3.33 -16.22
ELLENBURG_WT_PWR 323604	54.85 -0.28 0.00	38.06 -0.15 0.00	34.09 -0.37 0.00	35.42 -0.36 0.00	35.73 -0.33 0.00	37.26 -0.36 0.00	41.11 -0.33 0.00	46.63 -0.17 0.00	49.42 0.11 0.00	65.82 -0.08 0.00	41.53 -0.01 0.00	50.62 0.03 0.00	52.29 0.12 0.00	53.51 -0.02 0.00	51.50 -0.31 0.00	53.38 -0.43 0.00	96.83 -0.74 0.00	92.78 -0.83 0.00	85.13 -1.08 0.00	90.33 -0.34 0.00	86.61 0.35 0.00	102.85 0.77 0.00	88.46 0.50 0.00	57.27 0.50 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	53.66 -1.47 0.00	37.17 -1.03 0.00	33.71 -0.74 0.00	34.82 -0.96 0.00	34.91 -1.14 0.00	36.49 -1.13 0.00	40.21 -1.23 0.00	45.48 -1.33 0.00	47.63 -1.69 0.00	64.01 -1.89 0.00	40.43 -1.11 0.00	49.32 -1.27 0.00	50.89 -1.27 0.00	52.35 -1.19 0.00	50.65 -1.16 0.00	53.29 -0.53 0.00	96.73 -0.83 0.00	93.27 -0.33 0.00	85.88 -0.33 0.00	89.86 -0.81 0.00	85.78 -0.48 0.00	101.23 -0.85 0.00	88.21 0.26 0.00	56.67 -0.11 0.00
EMPIRE_CC_1 323656	56.02 0.90 0.00	38.81 0.61 0.00	35.25 0.79 0.00	36.49 0.72 0.00	36.79 0.74 0.00	38.31 0.70 0.00	42.00 0.57 0.00	47.28 0.47 0.00	49.91 0.60 0.00	66.78 0.88 0.00	42.14 0.60 0.00	51.38 0.78 0.00	52.95 0.78 0.00	54.38 0.85 0.00	52.66 0.85 0.00	54.69 0.87 0.00	99.35 1.79 0.00	95.68 2.07 0.00	88.40 2.19 0.00	92.73 2.05 0.00	87.72 1.46 0.00	103.01 0.94 0.00	88.74 0.78 0.00	57.22 0.45 0.00
EMPIRE_CC_2 323658	56.02 0.90 0.00	38.81 0.61 0.00	35.25 0.79 0.00	36.49 0.72 0.00	36.79 0.74 0.00	38.31 0.70 0.00	42.00 0.57 0.00	47.28 0.47 0.00	49.91 0.60 0.00	66.78 0.88 0.00	42.14 0.60 0.00	51.38 0.78 0.00	52.95 0.78 0.00	54.38 0.85 0.00	52.66 0.85 0.00	54.69 0.87 0.00	99.35 1.79 0.00	95.68 2.07 0.00	88.40 2.19 0.00	92.73 2.05 0.00	87.72 1.46 0.00	103.01 0.94 0.00	88.74 0.78 0.00	57.22 0.45 0.00
ENORWICH_115KV_TB1 80156	58.20 3.07 0.00	40.25 2.05 0.00	36.51 2.06 0.00	37.81 2.04 0.00	38.06 2.00 0.00	39.69 2.08 0.00	43.78 2.34 0.00	49.38 2.57 0.00	51.81 2.50 0.00	69.11 3.21 0.00	43.46 1.92 0.00	52.88 2.29 0.00	54.39 2.22 0.00	55.83 2.30 0.00	54.02 2.21 0.00	56.40 2.58 0.00	103.02 5.46 0.00	99.79 6.19 0.00	93.37 7.15 0.00	99.17 8.49 0.00	94.45 8.18 0.00	111.04 8.96 0.00	95.26 7.30 0.00	60.96 4.18 0.00
ERIE_ST__34_KV_TB1-2 80199	53.84 -1.29 0.00	37.26 -0.95 0.00	33.75 -0.71 0.00	34.83 -0.94 0.00	34.95 -1.11 0.00	36.51 -1.10 0.00	40.23 -1.21 0.00	45.50 -1.31 0.00	47.63 -1.68 0.00	64.01 -1.88 0.00	40.44 -1.10 0.00	49.35 -1.24 0.00	51.04 -1.13 0.00	52.55 -0.98 0.00	50.95 -0.86 0.00	53.63 -0.18 0.00	97.64 0.08 0.00	94.18 0.58 0.00	86.87 0.66 0.00	90.88 0.21 0.00	86.61 0.35 0.00	102.15 0.07 0.00	88.83 0.88 0.00	56.97 0.20 0.00
ERIE_WT_PWR 323693	53.87 -1.25 0.00	37.31 -0.90 0.00	33.82 -0.63 0.00	34.93 -0.85 0.00	35.02 -1.03 0.00	36.59 -1.03 0.00	40.32 -1.12 0.00	45.60 -1.20 0.00	47.74 -1.58 0.00	64.16 -1.73 0.00	40.53 -1.01 0.00	49.45 -1.15 0.00	51.04 -1.13 0.00	52.52 -1.01 0.00	50.86 -0.95 0.00	53.52 -0.30 0.00	97.17 -0.39 0.00	93.78 0.17 0.00	86.39 0.18 0.00	90.44 -0.24 0.00	86.34 0.07 0.00	101.83 -0.25 0.00	88.64 0.69 0.00	56.94 0.17 0.00
ESPRGFLD_115KV_TB1 80157	57.60 2.47 0.00	39.86 1.65 0.00	35.95 1.49 0.00	37.36 1.59 0.00	37.47 1.42 0.00	39.07 1.46 0.00	43.14 1.70 0.00	48.78 1.97 0.00	51.31 2.00 0.00	68.67 2.77 0.00	42.76 1.78 0.56	52.34 2.13 0.39	45.34 2.17 8.99	53.20 2.09 2.43	52.81 2.14 1.15	55.88 2.21 0.15	101.34 4.19 0.41	94.42 4.19 3.38	90.59 4.38 0.00	95.71 5.03 0.00	91.49 5.22 0.00	108.14 6.07 0.00	93.23 5.27 0.00	60.12 3.34 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	55.97 0.84 0.00	38.76 0.55 0.00	35.10 0.64 0.00	36.30 0.52 0.00	36.56 0.50 0.00	38.10 0.49 0.00	41.97 0.53 0.00	47.23 0.42 0.00	49.52 0.21 0.00	66.11 0.21 0.00	41.54 0.00 0.00	50.51 -0.08 0.00	52.00 -0.17 0.00	53.36 -0.17 0.00	51.83 0.02 0.00	54.07 0.25 0.00	98.50 0.94 0.00	95.05 1.44 0.00	88.35 2.14 0.00	93.32 2.64 0.00	88.84 2.57 0.00	104.63 2.56 0.00	90.03 2.08 0.00	57.89 1.12 0.00
ETNA____115KV_TB2 80207	55.97 0.84 0.00	38.76 0.55 0.00	35.10 0.64 0.00	36.30 0.52 0.00	36.56 0.50 0.00	38.10 0.49 0.00	41.97 0.53 0.00	47.23 0.42 0.00	49.52 0.21 0.00	66.11 0.21 0.00	41.54 0.00 0.00	50.51 -0.08 0.00	52.00 -0.17 0.00	53.36 -0.17 0.00	51.83 0.02 0.00	54.07 0.25 0.00	98.50 0.94 0.00	95.05 1.44 0.00	88.35 2.14 0.00	93.32 2.64 0.00	88.84 2.57 0.00	104.63 2.56 0.00	90.03 2.08 0.00	57.89 1.12 0.00
EUCLID__115KV_TB2 356179	54.47 -0.66 0.00	37.79 -0.42 0.00	34.17 -0.29 0.00	35.40 -0.38 0.00	35.64 -0.41 0.00	37.16 -0.45 0.00	40.91 -0.53 0.00	46.14 -0.66 0.00	48.54 -0.77 0.00	64.89 -1.01 0.00	40.76 -0.78 0.00	49.58 -1.02 0.00	51.13 -1.04 0.00	52.55 -0.99 0.00	50.94 -0.87 0.00	53.06 -0.77 0.00	96.39 -1.17 0.00	92.76 -0.85 0.00	85.79 -0.43 -0.01	90.37 -0.55 -0.24	86.05 -0.60 -0.38	102.47 -1.09 -1.48	88.07 -0.93 -1.05	56.05 -0.73 -0.01
E_CANADA_CAP_HY 24051	57.99 2.87 0.00	40.11 1.91 0.00	36.16 1.71 0.00	37.56 1.78 0.00	37.65 1.59 0.00	39.30 1.69 0.00	43.29 1.86 0.00	48.82 2.01 0.00	51.23 1.92 0.00	68.44 2.54 0.80	42.17 1.43 0.56	51.73 1.69 12.97	40.78 1.59 3.50	51.48 1.45 1.65	51.59 1.42 0.22	54.99 1.39 0.59	99.42 2.45 4.88	91.38 2.66 3.07	89.28 3.07 0.00	95.19 4.51 0.00	91.60 5.34 0.00	108.73 6.65 0.00	93.86 5.91 0.00	60.44 3.67 0.00
E_CANADA_MHWK_HY 24050	55.83 0.70 0.00	38.52 0.32 0.00	35.08 0.61 0.00	36.26 0.49 0.00	36.54 0.48 0.00	38.07 0.46 0.00	41.71 0.27 0.00	46.62 -0.19 0.00	48.98 -0.33 0.00	65.28 -0.62 0.00	40.74 -0.80 0.00	49.91 -0.69 0.00	51.18 -0.99 0.00	52.65 -0.88 0.00	50.82 -1.00 0.00	52.94 -0.88 0.00	96.48 -1.08 0.00	93.51 -0.10 0.00	87.70 1.49 0.00	93.19 2.51 0.00	88.50 2.24 0.00	104.04 1.97 0.00	89.06 1.10 0.00	57.04 0.26 0.00
E_FISHKILL__LBMP 23776	57.85 2.72 0.00	40.90 1.84 -0.85	36.53 1.95 -0.13	37.66 1.88 0.00	37.92 1.87 0.00	39.46 1.85 0.00	43.29 1.85 0.00	48.82 2.02 0.00	51.73 2.42 0.00	69.67 3.56 -0.21	48.93 2.45 -4.94	54.35 3.15 -0.60	69.42 3.23 -14.03	60.68 3.36 -3.78	56.93 3.33 -1.78	57.36 3.31 -0.23	104.74 6.54 -0.64	105.77 6.89 -5.28	92.82 6.61 0.00	96.74 6.07 0.00	91.00 4.74 0.00	106.31 4.23 0.00	91.50 3.55 0.00	58.98 2.21 0.00
FALCON__SEABRD_CC1 323796	55.42 0.29 0.00	38.46 0.26 0.00	34.50 0.04 0.00	35.78 0.00 0.00	36.06 0.01 0.00	37.61 0.00 0.00	41.45 0.02 0.00	47.00 0.20 0.00	49.90 0.59 0.00	66.36 0.47 0.00	41.87 0.33 0.00	51.04 0.44 0.00	52.74 0.57 0.00	53.97 0.44 0.00	51.99 0.17 0.00	54.02 0.20 0.00	98.04 0.48 0.00	94.00 0.39 0.00	86.06 -0.15 0.00	91.31 0.64 0.00	87.48 1.22 0.00	103.79 1.71 0.00	89.31 1.36 0.00	57.89 1.11 0.00
FALCON__SEABRD_CC2 323797	55.42 0.29 0.00	38.46 0.26 0.00	34.50 0.04 0.00	35.78 0.00 0.00	36.06 0.01 0.00	37.61 0.00 0.00	41.45 0.02 0.00	47.00 0.20 0.00	49.90 0.59 0.00	66.36 0.47 0.00	41.87 0.33 0.00	51.04 0.44 0.00	52.74 0.57 0.00	53.97 0.44 0.00	51.99 0.17 0.00	54.02 0.20 0.00	98.04 0.48 0.00	94.00 0.39 0.00	86.06 -0.15 0.00	91.31 0.64 0.00	87.48 1.22 0.00	103.79 1.71 0.00	89.31 1.36 0.00	57.89 1.11 0.00

FAR ROCKAWAY___4 23548	59.84 4.71 0.00	46.45 3.44 -4.80	38.55 3.36 -0.74	39.04 3.26 0.00	39.26 3.20 0.00	40.79 3.18 0.00	44.84 3.40 0.00	50.82 4.01 0.00	54.10 4.79 0.00	86.72 6.89 -13.94	80.96 4.69 -34.73	60.24 5.77 -3.87	86.57 5.81 -28.60	85.83 6.03 -26.26	93.77 6.02 -35.93	121.92 5.90 -62.19	164.81 11.76 -55.48	126.24 11.23 -21.41	96.97 10.76 0.00	100.32 9.65 0.00	94.03 7.77 0.00	110.44 7.44 -0.92	135.03 6.67 -40.40	106.24 4.57 -44.89
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	59.01 3.88 0.00	45.70 2.67 -4.83	37.91 2.71 -0.74	38.43 2.65 0.00	38.68 2.62 0.00	40.20 2.59 0.00	44.10 2.67 0.00	49.82 3.01 0.00	52.88 3.57 0.00	72.42 5.32 -1.20	69.28 3.71 -24.03	55.84 4.66 -0.59	70.67 4.78 -13.73	62.21 4.97 -3.71	58.50 4.94 -1.75	58.97 4.92 -0.23	107.74 9.55 -0.62	108.67 9.90 -5.17	95.58 9.37 0.00	99.14 8.46 0.00	93.05 6.79 0.00	108.52 6.44 0.00	93.33 5.37 0.00	60.33 3.56 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	59.10 3.97 0.00	45.75 2.72 -4.83	37.96 2.76 -0.74	38.47 2.69 0.00	38.73 2.68 0.00	40.24 2.63 0.00	44.16 2.72 0.00	49.88 3.07 0.00	52.94 3.63 0.00	72.49 5.40 -1.20	69.35 3.78 -24.03	55.92 4.73 -0.59	70.76 4.86 -13.73	62.29 5.06 -3.71	58.60 5.04 -1.75	59.07 5.01 -0.23	107.90 9.72 -0.62	108.85 10.08 -5.17	95.71 9.50 0.00	99.31 8.63 0.00	93.21 6.94 0.00	108.72 6.64 0.00	93.55 5.59 0.00	60.42 3.65 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	58.97 3.84 0.00	45.66 2.63 -4.83	37.88 2.69 -0.74	38.40 2.62 0.00	38.65 2.60 0.00	40.17 2.56 0.00	44.07 2.64 0.00	49.79 2.98 0.00	52.84 3.53 0.00	72.36 5.26 -1.20	69.24 3.67 -24.03	55.79 4.61 -0.59	70.62 4.72 -13.73	62.14 4.91 -3.71	58.45 4.89 -1.75	58.91 4.86 -0.23	107.61 9.42 -0.62	108.56 9.79 -5.17	95.44 9.23 0.00	99.03 8.36 0.00	92.95 6.69 0.00	108.42 6.34 0.00	93.27 5.32 0.00	60.25 3.48 0.00
FARRAGUT___LBMP 323566	58.93 3.80 0.00	45.63 2.60 -4.83	37.85 2.65 -0.74	38.36 2.59 0.00	38.63 2.57 0.00	40.14 2.52 0.00	44.05 2.61 0.00	49.75 2.94 0.00	52.79 3.48 0.00	72.29 5.20 -1.20	69.20 3.63 -24.03	55.73 4.55 -0.59	70.57 4.67 -13.73	62.09 4.85 -3.71	58.39 4.83 -1.75	58.84 4.79 -0.23	107.51 9.33 -0.62	108.45 9.68 -5.17	95.35 9.14 0.00	98.94 8.27 0.00	92.87 6.60 0.00	108.32 6.24 0.00	93.18 5.23 0.00	60.21 3.44 0.00
FENNER___WINDPWR 24204	56.14 1.01 0.00	38.88 0.67 0.00	35.14 0.68 0.00	36.41 0.64 0.00	36.67 0.62 0.00	38.26 0.65 0.00	42.11 0.68 0.00	47.49 0.68 0.00	49.98 0.66 0.00	66.73 0.83 0.00	41.94 0.39 0.00	51.07 0.47 0.00	52.62 0.46 0.00	54.02 0.49 0.00	52.32 0.50 0.00	54.40 0.58 0.00	98.94 1.38 0.00	95.32 1.72 0.00	88.40 2.19 0.00	93.35 2.67 0.00	88.86 2.60 0.00	104.83 2.76 0.00	90.10 2.14 0.00	57.94 1.17 0.00
FIBERTEK___ENERGY 23856	55.00 -0.12 0.00	38.15 -0.06 0.00	34.50 0.04 0.00	35.72 -0.06 0.00	35.97 -0.09 0.00	37.51 -0.10 0.00	41.30 -0.13 0.00	46.53 -0.27 0.00	48.94 -0.37 0.00	65.43 -0.47 0.00	41.11 -0.43 0.00	49.99 -0.61 0.00	51.54 -0.63 0.00	52.96 -0.57 0.00	51.39 -0.42 0.00	53.53 -0.29 0.00	97.36 -0.20 0.00	93.73 0.13 0.00	86.74 0.51 -0.02	91.66 0.47 -0.51	87.45 0.39 -0.80	105.19 0.03 -3.08	90.13 -0.02 -2.19	56.65 -0.16 -0.03
FITZPATRICK___ 23598	53.64 -1.48 0.00	37.25 -0.96 0.00	33.67 -0.79 0.00	34.90 -0.88 0.00	35.16 -0.90 0.00	36.66 -0.95 0.00	40.36 -1.08 0.00	45.53 -1.28 0.00	47.89 -1.42 0.00	64.01 -1.89 0.00	40.16 -1.38 0.00	48.83 -1.76 0.00	50.35 -1.81 0.00	51.73 -1.80 0.00	50.13 -1.68 0.00	52.17 -1.65 0.00	94.67 -2.89 0.00	91.01 -2.60 0.00	83.85 -2.13 0.22	83.64 -2.30 4.73	76.60 -2.22 7.44	70.36 -2.91 28.80	65.03 -2.48 20.44	54.84 -1.67 0.27
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	58.76 3.64 0.00	40.64 2.44 0.00	36.91 2.45 0.00	38.15 2.37 0.00	38.41 2.36 0.00	39.95 2.33 0.00	43.85 2.42 0.00	49.49 2.68 0.00	52.44 3.13 0.00	70.48 4.58 0.00	45.26 3.14 -0.58	55.02 4.02 -0.40	69.40 4.18 -13.06	61.44 4.38 -3.53	57.83 4.35 -1.67	58.52 4.48 -0.22	106.98 8.83 -0.59	107.74 9.21 -4.93	95.01 8.80 0.00	98.98 8.30 0.00	92.97 6.71 0.00	108.54 6.46 0.00	93.22 5.26 0.00	59.99 3.22 0.00
FORT ORANGE___ 23900	56.25 1.12 0.00	38.95 0.74 0.00	35.34 0.88 0.00	36.58 0.80 0.00	36.86 0.81 0.00	38.40 0.79 0.00	42.05 0.62 0.00	47.32 0.52 0.00	49.89 0.58 0.00	66.66 0.76 0.00	41.37 0.59 0.76	50.84 0.77 0.53	40.70 0.77 12.24	51.06 0.83 3.30	51.13 0.88 1.56	54.50 0.89 0.20	99.05 2.04 0.55	91.40 2.40 4.61	88.93 2.72 0.00	93.34 2.67 0.00	88.39 2.13 0.00	103.75 1.67 0.00	89.25 1.29 0.00	57.47 0.70 0.00
FORT_DRUM_COGEN 23780	56.91 1.78 0.00	39.32 1.11 0.00	35.46 1.00 0.00	36.80 1.03 0.00	37.14 1.08 0.00	38.86 1.25 0.00	42.68 1.24 0.00	48.10 1.29 0.00	50.76 1.44 0.00	67.87 1.97 0.00	42.36 0.81 0.00	50.86 0.26 0.00	52.49 0.32 0.00	53.71 0.18 0.00	51.52 -0.29 0.00	53.62 -0.20 0.00	97.23 -0.33 0.00	94.38 0.77 0.00	88.55 2.32 -0.02	95.50 4.33 -0.49	92.49 5.45 -0.78	111.64 6.55 -3.00	94.98 4.89 -2.13	59.57 2.77 -0.03
FOX_HILLS___ESR 323835	58.91 3.78 0.00	45.58 2.55 -4.82	37.87 2.67 -0.74	38.36 2.58 0.00	38.60 2.55 0.00	40.12 2.50 0.00	44.00 2.56 0.00	49.63 2.82 0.00	52.50 3.19 0.00	72.00 4.91 -1.20	69.16 3.62 -24.00	55.73 4.54 -0.59	70.54 4.64 -13.73	62.16 4.93 -3.71	58.46 4.90 -1.75	58.89 4.84 -0.23	107.35 9.16 -0.62	108.46 9.69 -5.17	95.40 9.19 0.00	98.99 8.31 0.00	93.03 6.77 0.00	108.37 6.29 0.00	93.25 5.29 0.00	60.35 3.58 0.00
FPL_FAR_ROCK_GT1 24212	59.84 4.71 0.00	46.45 3.45 -4.80	38.55 3.36 -0.74	39.04 3.26 0.00	39.25 3.20 0.00	40.79 3.18 0.00	44.84 3.40 0.00	50.82 4.01 0.00	54.10 4.79 0.00	86.72 6.88 -13.94	80.96 4.68 -34.73	60.24 5.78 -3.87	86.57 5.81 -28.60	85.81 6.01 -26.26	93.73 5.98 -35.93	121.88 5.87 -62.19	164.66 11.62 -55.48	126.20 11.18 -21.41	96.96 10.75 0.00	100.33 9.65 0.00	94.02 7.76 0.00	110.37 7.37 -0.92	134.62 6.26 -40.40	105.97 4.30 -44.89
FPL_FAR_ROCK_GT2 23815	59.84 4.71 0.00	46.45 3.45 -4.80	38.55 3.36 -0.74	39.04 3.26 0.00	39.25 3.20 0.00	40.79 3.18 0.00	44.84 3.40 0.00	50.82 4.01 0.00	54.10 4.79 0.00	86.72 6.88 -13.94	80.96 4.68 -34.73	60.24 5.78 -3.87	86.57 5.81 -28.60	85.81 6.01 -26.26	93.73 5.98 -35.93	121.88 5.87 -62.19	164.66 11.62 -55.48	126.20 11.18 -21.41	96.96 10.75 0.00	100.33 9.65 0.00	94.02 7.76 0.00	110.37 7.37 -0.92	134.62 6.26 -40.40	105.97 4.30 -44.89
FRANKLIN_FALL_HYD 24054	55.49 0.36 0.00	38.45 0.24 0.00	34.44 -0.02 0.00	35.80 0.02 0.00	36.07 0.02 0.00	37.62 0.01 0.00	41.53 0.09 0.00	47.13 0.33 0.00	49.93 0.62 0.00	66.52 0.63 0.00	41.90 0.36 0.00	51.19 0.59 0.00	52.79 0.62 0.00	53.99 0.46 0.00	51.98 0.17 0.00	53.88 0.06 0.00	97.59 0.03 0.00	93.52 -0.09 0.00	85.89 -0.32 0.00	91.24 0.57 0.00	87.82 1.55 0.00	104.24 2.16 0.00	89.72 1.77 0.00	58.11 1.33 0.00

FREEPORT_EQUS_GT1 23764	59.39 4.27 0.00	46.17 3.17 -4.80	38.31 3.11 -0.74	38.77 2.99 0.00	38.98 2.93 0.00	40.50 2.89 0.00	44.51 3.08 0.00	50.48 3.67 0.00	53.70 4.39 0.00	86.16 6.33 -13.94	77.41 4.17 -31.70	59.58 5.12 -3.87	85.98 5.22 -28.60	85.01 5.22 -26.26	86.68 5.23 -29.65	76.36 5.14 -17.41	123.01 9.98 -15.47	112.69 9.60 -9.48	95.44 9.23 0.00	98.72 8.04 0.00	92.55 6.29 0.00	108.03 5.95 0.00	105.44 5.15 -12.33	74.03 3.56 -13.70
FREEPORT___CT2 23818	59.39 4.27 0.00	46.17 3.17 -4.80	38.31 3.11 -0.74	38.77 2.99 0.00	38.98 2.93 0.00	40.50 2.89 0.00	44.51 3.08 0.00	50.48 3.67 0.00	53.70 4.39 0.00	86.16 6.33 -13.94	77.41 4.17 -31.70	59.58 5.12 -3.87	85.98 5.22 -28.60	85.01 5.22 -26.26	86.68 5.23 -29.65	76.36 5.14 -17.41	123.01 9.98 -15.47	112.69 9.60 -9.48	95.44 9.23 0.00	98.72 8.04 0.00	92.55 6.29 0.00	108.03 5.95 0.00	105.44 5.15 -12.33	74.03 3.56 -13.70
FRESHKLS_33_KV_LOAD 356253	59.03 3.90 0.00	45.65 2.63 -4.82	37.98 2.78 -0.74	38.45 2.67 0.00	38.70 2.64 0.00	40.21 2.59 0.00	44.11 2.67 0.00	49.70 2.89 0.00	52.50 3.19 0.00	72.00 4.91 -1.20	69.23 3.69 -24.00	55.83 4.64 -0.59	70.63 4.74 -13.73	62.30 5.06 -3.71	58.56 5.00 -1.75	59.01 4.96 -0.23	107.52 9.34 -0.62	108.68 9.91 -5.17	95.64 9.43 0.00	99.26 8.58 0.00	93.31 7.05 0.00	108.69 6.61 0.00	93.50 5.55 0.00	60.47 3.69 0.00
FULTON COGEN____ 23766	54.22 -0.90 0.00	37.62 -0.58 0.00	34.00 -0.46 0.00	35.23 -0.54 0.00	35.47 -0.58 0.00	36.99 -0.62 0.00	40.72 -0.72 0.00	45.91 -0.89 0.00	48.30 -1.01 0.00	64.54 -1.35 0.00	40.52 -1.02 0.00	49.23 -1.37 0.00	50.78 -1.39 0.00	52.22 -1.31 0.00	50.56 -1.25 0.00	52.60 -1.22 0.00	95.56 -2.00 0.00	91.95 -1.66 0.00	85.15 -1.11 -0.06	90.75 -1.19 -1.27	87.07 -1.19 -2.00	108.04 -1.76 -7.72	91.96 -1.47 -5.48	55.78 -1.07 -0.07
FULTON___LFGE 323630	58.26 3.13 0.00	40.27 2.07 0.00	36.36 1.90 0.00	37.71 1.93 0.00	37.85 1.80 0.00	39.48 1.87 0.00	43.27 1.83 0.00	48.44 1.63 0.00	50.96 1.65 0.00	67.99 2.09 0.00	41.56 0.93 0.90	51.08 1.11 0.63	38.44 0.90 14.62	50.43 0.84 3.94	50.77 0.81 1.86	54.18 0.60 0.24	97.81 0.91 0.66	89.64 1.53 5.50	88.95 2.74 0.00	95.54 4.86 0.00	92.02 5.76 0.00	108.81 6.73 0.00	93.76 5.80 0.00	60.25 3.48 0.00
G.F.CEMENT___DRP 24184	58.04 2.91 0.00	40.10 1.90 0.00	36.36 1.90 0.00	37.58 1.80 0.00	37.87 1.82 0.00	39.44 1.83 0.00	43.29 1.85 0.00	48.57 1.76 0.00	51.18 1.87 0.00	68.25 2.36 0.00	41.08 1.12 1.58	51.03 1.53 1.10	28.02 1.39 25.54	48.29 1.65 6.89	49.99 1.42 3.25	55.05 1.66 0.43	99.84 3.44 1.16	88.38 4.38 9.61	90.94 4.73 0.00	96.19 5.51 0.00	91.23 4.97 0.00	107.11 5.03 0.00	91.94 3.98 0.00	58.89 2.11 0.00
GARDENVILLE___LBMP 24039	53.79 -1.33 0.00	37.26 -0.95 0.00	33.76 -0.69 0.00	34.87 -0.90 0.00	34.98 -1.08 0.00	36.53 -1.08 0.00	40.27 -1.17 0.00	45.50 -1.31 0.00	47.60 -1.72 0.00	63.94 -1.96 0.00	40.39 -1.15 0.00	49.25 -1.35 0.00	50.81 -1.35 0.00	52.26 -1.27 0.00	50.60 -1.21 0.00	53.22 -0.60 0.00	96.65 -0.92 0.00	93.22 -0.38 0.00	85.96 -0.25 0.00	90.10 -0.58 0.00	86.07 -0.20 0.00	101.55 -0.53 0.00	88.45 0.50 0.00	56.82 0.05 0.00
GARDNVLA_35_KV_LD 355827	53.94 -1.18 0.00	37.34 -0.86 0.00	33.85 -0.61 0.00	34.95 -0.83 0.00	35.05 -1.01 0.00	36.61 -1.00 0.00	40.35 -1.08 0.00	45.63 -1.17 0.00	47.79 -1.53 0.00	64.25 -1.64 0.00	40.60 -0.94 0.00	49.55 -1.04 0.00	51.15 -1.01 0.00	52.64 -0.89 0.00	50.98 -0.83 0.00	53.65 -0.17 0.00	97.47 -0.09 0.00	93.99 0.39 0.00	86.61 0.40 0.00	90.67 0.00 0.00	86.51 0.25 0.00	102.02 -0.06 0.00	88.81 0.86 0.00	57.02 0.24 0.00
GELCKHM___115KV_LOAD 80723	54.67 -0.46 0.00	37.92 -0.28 0.00	34.30 -0.16 0.00	35.52 -0.26 0.00	35.76 -0.30 0.00	37.29 -0.32 0.00	41.05 -0.39 0.00	46.29 -0.52 0.00	48.69 -0.63 0.00	65.08 -0.82 0.00	40.88 -0.66 0.00	49.72 -0.87 0.00	51.26 -0.90 0.00	52.70 -0.83 0.00	51.10 -0.71 0.00	53.21 -0.60 0.00	96.73 -0.83 0.00	93.09 -0.52 0.00	86.12 -0.10 -0.02	90.85 -0.19 -0.36	86.59 -0.24 -0.56	103.58 -0.68 -2.18	88.91 -0.60 -1.54	56.28 -0.52 -0.02
GENERAL___MILLS 23808	53.84 -1.28 0.00	37.30 -0.91 0.00	33.81 -0.65 0.00	34.91 -0.87 0.00	35.01 -1.05 0.00	36.57 -1.04 0.00	40.31 -1.12 0.00	45.58 -1.23 0.00	47.73 -1.59 0.00	64.13 -1.76 0.00	40.52 -1.02 0.00	49.44 -1.15 0.00	51.04 -1.12 0.00	52.51 -1.02 0.00	50.84 -0.97 0.00	53.50 -0.32 0.00	97.18 -0.38 0.00	93.71 0.11 0.00	86.35 0.14 0.00	90.39 -0.29 0.00	86.26 0.00 0.00	101.75 -0.32 0.00	88.61 0.65 0.00	56.90 0.13 0.00
GE_PLASTICS___DRP 24183	56.06 0.93 0.00	38.83 0.63 0.00	35.24 0.78 0.00	36.51 0.73 0.00	36.78 0.72 0.00	38.31 0.70 0.00	42.01 0.58 0.00	47.32 0.51 0.00	49.90 0.59 0.00	66.77 0.87 0.00	41.64 0.66 0.56	51.06 0.85 0.39	44.01 0.89 9.04	52.04 0.95 2.44	51.62 0.96 1.15	54.65 0.98 0.15	99.28 2.14 0.41	92.50 2.30 3.40	88.67 2.46 0.00	92.93 2.25 0.00	87.97 1.70 0.00	103.27 1.19 0.00	88.92 0.97 0.00	57.35 0.57 0.00
GILBOA___1 23756	56.43 1.30 0.00	39.09 0.88 0.00	35.58 1.12 0.00	36.96 1.18 0.00	37.24 1.18 0.00	38.78 1.17 0.00	42.57 1.14 0.00	47.82 1.01 0.00	50.34 1.03 0.00	67.43 1.53 0.00	42.82 1.04 -0.24	52.12 1.36 -0.16	57.41 1.39 -3.85	56.04 1.47 -1.04	53.77 1.47 -0.49	55.39 1.51 -0.06	100.75 3.01 -0.17	97.65 2.59 -1.45	88.89 2.68 0.00	93.03 2.35 0.00	88.16 1.89 0.00	103.53 1.45 0.00	89.44 1.49 0.00	57.77 0.99 0.00
GILBOA___2 23757	56.43 1.30 0.00	39.09 0.88 0.00	35.58 1.12 0.00	36.96 1.18 0.00	37.24 1.18 0.00	38.78 1.17 0.00	42.57 1.14 0.00	47.82 1.01 0.00	50.34 1.03 0.00	67.43 1.53 0.00	42.82 1.04 -0.24	52.12 1.36 -0.16	57.41 1.39 -3.85	56.04 1.47 -1.04	53.77 1.47 -0.49	55.39 1.51 -0.06	100.75 3.01 -0.17	97.65 2.59 -1.45	88.89 2.68 0.00	93.03 2.35 0.00	88.16 1.89 0.00	103.53 1.45 0.00	89.44 1.49 0.00	57.77 0.99 0.00
GILBOA___3 23758	56.43 1.30 0.00	39.09 0.88 0.00	35.58 1.12 0.00	36.96 1.18 0.00	37.24 1.18 0.00	38.78 1.17 0.00	42.57 1.14 0.00	47.82 1.01 0.00	50.34 1.03 0.00	67.43 1.53 0.00	42.82 1.04 -0.24	52.12 1.36 -0.16	57.41 1.39 -3.85	56.04 1.47 -1.04	53.77 1.47 -0.49	55.39 1.51 -0.06	100.75 3.01 -0.17	97.65 2.59 -1.45	88.89 2.68 0.00	93.03 2.35 0.00	88.16 1.89 0.00	103.53 1.45 0.00	89.44 1.49 0.00	57.77 0.99 0.00
GILBOA___4 23759	56.43 1.30 0.00	39.09 0.88 0.00	35.58 1.12 0.00	36.96 1.18 0.00	37.24 1.18 0.00	38.78 1.17 0.00	42.57 1.14 0.00	47.82 1.01 0.00	50.34 1.03 0.00	67.43 1.53 0.00	42.82 1.04 -0.24	52.12 1.36 -0.16	57.41 1.39 -3.85	56.04 1.47 -1.04	53.77 1.47 -0.49	55.39 1.51 -0.06	100.75 3.01 -0.17	97.65 2.59 -1.45	88.89 2.68 0.00	93.03 2.35 0.00	88.16 1.89 0.00	103.53 1.45 0.00	89.44 1.49 0.00	57.77 0.99 0.00

GILBOA____ 23599	56.43 1.30 0.00	39.09 0.88 0.00	35.58 1.12 0.00	36.96 1.18 0.00	37.24 1.18 0.00	38.78 1.17 0.00	42.57 1.14 0.00	47.82 1.01 0.00	50.34 1.03 0.00	67.43 1.53 0.00	42.82 1.04 -0.24	52.11 1.35 -0.16	57.41 1.39 -3.85	56.04 1.47 -1.04	53.77 1.47 -0.49	55.39 1.51 -0.06	100.75 3.01 -0.17	97.65 2.59 -1.45	88.89 2.68 0.00	93.03 2.35 0.00	88.16 1.89 0.00	103.51 1.44 0.00	89.45 1.49 0.00	57.77 0.99 0.00
GINNA____ 23603	52.39 -2.74 0.00	36.28 -1.93 0.00	32.80 -1.66 0.00	33.93 -1.85 0.00	34.09 -1.97 0.00	35.58 -2.03 0.00	39.16 -2.27 0.00	44.20 -2.61 0.00	46.44 -2.87 0.00	62.27 -3.62 0.00	39.29 -2.26 0.00	47.84 -2.76 0.00	49.39 -2.78 0.00	50.86 -2.67 0.00	49.25 -2.56 0.00	51.55 -2.27 0.00	93.76 -3.80 0.00	90.61 -3.00 0.00	83.69 -2.52 0.00	87.87 -2.81 0.00	83.61 -2.65 0.00	98.44 -3.64 0.00	85.07 -2.88 0.00	54.64 -2.13 0.00
GLEN PARK____ 23778	57.15 2.02 0.00	39.47 1.27 0.00	35.58 1.13 0.00	36.91 1.14 0.00	37.26 1.20 0.00	38.97 1.36 0.00	42.82 1.38 0.00	48.24 1.44 0.00	50.90 1.58 0.00	68.09 2.19 0.00	42.44 0.90 0.00	50.88 0.28 0.00	52.49 0.32 0.00	53.72 0.18 0.00	51.44 -0.37 0.00	53.55 -0.27 0.00	97.12 -0.44 0.00	94.40 0.80 0.00	88.72 2.48 -0.02	95.86 4.66 -0.52	92.98 5.90 -0.82	112.37 7.11 -3.17	95.54 5.34 -2.25	59.82 3.01 -0.03
GLENDALE_27_KV_LOAD 356172	59.22 4.09 0.00	45.85 2.82 -4.82	38.09 2.89 -0.74	38.57 2.79 0.00	38.83 2.77 0.00	40.34 2.73 0.00	44.25 2.81 0.00	50.00 3.19 0.00	53.03 3.72 0.00	72.63 5.54 -1.20	69.45 3.92 -24.00	56.08 4.90 -0.59	70.91 5.01 -13.73	62.50 5.26 -3.71	58.79 5.23 -1.75	59.24 5.19 -0.23	108.17 9.99 -0.62	109.16 10.39 -5.17	96.00 9.78 0.00	99.65 8.97 0.00	93.54 7.28 0.00	109.08 7.00 0.00	93.83 5.88 0.00	60.66 3.89 0.00
GLENWOOD_IC_1_G5 23712	59.17 4.04 0.00	45.88 2.88 -4.80	38.08 2.88 -0.74	38.56 2.78 0.00	38.80 2.75 0.00	40.32 2.70 0.00	44.28 2.84 0.00	50.10 3.30 0.00	53.24 3.93 0.00	85.57 5.73 -13.94	76.64 3.96 -31.14	59.44 4.98 -3.87	85.88 5.12 -28.60	85.11 5.31 -26.26	85.43 5.12 -28.50	67.83 4.78 -9.24	115.21 9.48 -8.17	110.45 9.49 -7.36	95.25 9.04 0.00	98.71 8.03 0.00	92.57 6.31 0.00	107.96 5.88 0.00	99.84 5.54 -6.35	67.45 3.62 -7.06
GLENWOOD_IC_2_G1 23688	58.89 3.76 0.00	45.66 2.65 -4.80	37.88 2.68 -0.74	38.37 2.59 0.00	38.61 2.55 0.00	40.13 2.52 0.00	44.06 2.63 0.00	49.82 3.01 0.00	52.89 3.58 0.00	85.09 5.25 -13.94	75.73 3.64 -30.55	59.03 4.57 -3.87	85.45 4.69 -28.60	84.64 4.85 -26.26	83.94 4.81 -27.32	59.28 4.67 -0.79	107.38 9.19 -0.62	108.07 9.30 -5.17	95.09 8.88 0.00	98.65 7.97 0.00	92.58 6.32 0.00	107.93 5.85 0.00	92.85 4.90 0.00	59.96 3.19 0.00
GLENWOOD_IC_3_G1 23689	58.89 3.76 0.00	45.66 2.65 -4.80	37.88 2.68 -0.74	38.37 2.59 0.00	38.61 2.55 0.00	40.13 2.52 0.00	44.06 2.63 0.00	49.82 3.01 0.00	52.89 3.58 0.00	85.09 5.25 -13.94	75.73 3.64 -30.55	59.03 4.57 -3.87	85.45 4.69 -28.60	84.64 4.85 -26.26	83.94 4.81 -27.32	59.28 4.67 -0.79	107.38 9.19 -0.62	108.07 9.30 -5.17	95.09 8.88 0.00	98.65 7.97 0.00	92.58 6.32 0.00	107.93 5.85 0.00	92.85 4.90 0.00	59.96 3.19 0.00
GLENWOOD____4 23550	59.17 4.04 0.00	45.88 2.88 -4.80	38.08 2.88 -0.74	38.56 2.78 0.00	38.80 2.75 0.00	40.32 2.70 0.00	44.28 2.84 0.00	50.10 3.30 0.00	53.24 3.93 0.00	85.57 5.73 -13.94	76.64 3.96 -31.14	59.44 4.98 -3.87	85.88 5.12 -28.60	85.11 5.32 -26.26	85.50 5.19 -28.50	67.96 4.91 -9.24	115.45 9.72 -8.17	110.68 9.72 -7.36	95.47 9.26 0.00	98.93 8.25 0.00	92.79 6.53 0.00	108.21 6.13 0.00	99.84 5.54 -6.35	67.45 3.62 -7.06
GLENWOOD____5 23614	59.17 4.04 0.00	45.88 2.88 -4.80	38.08 2.88 -0.74	38.56 2.78 0.00	38.80 2.75 0.00	40.32 2.70 0.00	44.28 2.84 0.00	50.10 3.30 0.00	53.24 3.93 0.00	85.57 5.73 -13.94	76.64 3.96 -31.14	59.44 4.98 -3.87	85.88 5.12 -28.60	85.11 5.32 -26.26	85.50 5.19 -28.50	67.96 4.91 -9.24	115.45 9.72 -8.17	110.68 9.72 -7.36	95.47 9.26 0.00	98.93 8.25 0.00	92.79 6.53 0.00	108.21 6.13 0.00	99.84 5.54 -6.35	67.45 3.62 -7.06
GLOBAL GREEN_PORT_GT1 23814	59.35 4.22 0.00	46.11 3.11 -4.80	38.29 3.09 -0.74	38.65 2.88 0.00	38.82 2.76 0.00	40.39 2.78 0.00	44.95 3.51 0.00	51.71 4.90 0.00	55.52 6.21 0.00	89.24 9.40 -13.94	77.09 5.64 -29.90	61.42 6.96 -3.87	88.00 7.24 -28.60	87.22 7.42 -26.26	88.53 6.91 -29.80	57.68 6.31 2.46	106.11 12.24 3.69	109.06 11.78 -3.67	97.27 11.06 0.00	100.08 9.40 0.00	96.19 9.93 0.00	110.52 9.44 1.00	90.00 7.70 5.66	58.10 5.05 3.72
GLOBE____DSASP 323697	52.71 -2.42 0.00	36.58 -1.63 0.00	33.20 -1.26 0.00	34.31 -1.47 0.00	34.39 -1.66 0.00	35.95 -1.66 0.00	39.60 -1.84 0.00	44.83 -1.98 0.00	46.95 -2.36 0.00	63.09 -2.81 0.00	39.88 -1.67 0.00	48.58 -2.02 0.00	49.87 -2.29 0.00	51.19 -2.34 0.00	49.41 -2.40 0.00	51.94 -1.88 0.00	93.98 -3.58 0.00	90.68 -2.93 0.00	83.31 -2.90 0.00	87.14 -3.53 0.00	83.32 -2.94 0.00	98.35 -3.73 0.00	86.27 -1.69 0.00	55.59 -1.18 0.00
GOETHSLN____LBMP 323567	58.62 3.50 0.00	42.75 2.37 -2.18	37.65 2.46 -0.74	38.17 2.39 0.00	38.43 2.37 0.00	39.93 2.32 0.00	43.80 2.36 0.00	49.46 2.66 0.00	52.49 3.18 0.00	71.89 4.80 -1.20	61.65 3.40 -16.71	55.47 4.28 -0.59	70.30 4.40 -13.73	61.83 4.60 -3.71	58.13 4.58 -1.75	58.55 4.50 -0.23	107.04 8.86 -0.62	108.05 9.27 -5.17	94.94 8.73 0.00	98.39 7.71 0.00	92.31 6.04 0.00	107.66 5.59 0.01	92.58 4.63 0.01	59.84 3.07 0.00
GOLAH____69_KV_TB 1_2 80279	55.01 -0.11 0.00	38.07 -0.14 0.00	34.45 0.00 0.00	35.61 -0.17 0.00	35.75 -0.31 0.00	37.34 -0.27 0.00	41.08 -0.35 0.00	46.36 -0.45 0.00	48.56 -0.75 0.00	65.10 -0.80 0.00	41.07 -0.47 0.00	50.00 -0.60 0.00	51.62 -0.54 0.00	53.16 -0.37 0.00	51.48 -0.33 0.00	54.03 0.21 0.00	98.17 0.61 0.00	94.94 1.34 0.00	87.74 1.53 0.00	92.24 1.57 0.00	88.01 1.75 0.00	103.71 1.63 0.00	89.80 1.85 0.00	57.64 0.86 0.00
GOODYEAR_LAKE_HYD 323669	57.24 2.12 0.00	39.62 1.41 0.00	35.85 1.39 0.00	37.22 1.44 0.00	37.41 1.35 0.00	38.95 1.34 0.00	42.92 1.48 0.00	48.46 1.65 0.00	51.04 1.73 0.00	68.38 2.49 0.00	43.19 1.65 0.00	52.65 2.05 0.00	54.30 2.13 0.00	55.65 2.12 0.00	54.01 2.20 0.00	56.12 2.30 0.00	102.14 4.58 0.00	98.17 4.57 0.00	90.96 4.75 0.00	95.55 4.87 0.00	90.70 4.43 0.00	106.72 4.65 0.00	91.93 3.98 0.00	59.24 2.46 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	55.29 0.17 0.00	38.29 0.08 0.00	34.72 0.26 0.00	35.92 0.14 0.00	36.16 0.10 0.00	37.68 0.07 0.00	41.53 0.10 0.00	46.79 -0.01 0.00	49.14 -0.17 0.00	65.84 -0.05 0.00	41.40 -0.15 0.00	50.52 -0.08 0.00	52.18 0.02 0.00	53.59 0.06 0.00	52.07 0.26 0.00	54.35 0.53 0.00	99.00 1.44 0.00	95.07 1.46 0.00	88.05 1.84 0.00	92.27 1.59 0.00	87.53 1.27 0.00	103.13 1.06 0.00	88.93 0.97 0.00	57.26 0.49 0.00

GOUDEY___7 23579	55.29 0.17 0.00	38.29 0.08 0.00	34.72 0.26 0.00	35.92 0.14 0.00	36.16 0.10 0.00	37.68 0.07 0.00	41.53 0.10 0.00	46.79 -0.01 0.00	49.14 -0.17 0.00	65.84 -0.05 0.00	41.40 -0.15 0.00	50.52 -0.08 0.00	52.18 0.02 0.00	53.59 0.06 0.00	52.07 0.26 0.00	54.35 0.53 0.00	99.00 1.44 0.00	95.07 1.46 0.00	88.05 1.84 0.00	92.27 1.59 0.00	87.53 1.27 0.00	103.13 1.06 0.00	88.93 0.97 0.00	57.26 0.49 0.00
GOUDEY___8 23580	55.29 0.17 0.00	38.29 0.08 0.00	34.72 0.26 0.00	35.92 0.14 0.00	36.16 0.10 0.00	37.68 0.07 0.00	41.53 0.10 0.00	46.79 -0.01 0.00	49.14 -0.17 0.00	65.84 -0.05 0.00	41.40 -0.15 0.00	50.52 -0.08 0.00	52.18 0.02 0.00	53.59 0.06 0.00	52.07 0.26 0.00	54.35 0.53 0.00	99.00 1.44 0.00	95.07 1.46 0.00	88.05 1.84 0.00	92.27 1.59 0.00	87.53 1.27 0.00	103.13 1.06 0.00	88.93 0.97 0.00	57.26 0.49 0.00
GOWANUS_GT1_1 24077	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GOWANUS_GT1_2 24078	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GOWANUS_GT1_3 24079	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GOWANUS_GT1_4 24080	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GOWANUS_GT1_5 24084	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GOWANUS_GT1_6 24111	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GOWANUS_GT1_7 24112	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GOWANUS_GT1_8 24113	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GOWANUS_GT2_1 24114	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
GOWANUS_GT2_2 24115	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
GOWANUS_GT2_3 24116	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
GOWANUS_GT2_4 24117	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
GOWANUS_GT2_5 24118	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00

GOWANUS_GT2_6 24119	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
GOWANUS_GT2_7 24120	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
GOWANUS_GT2_8 24121	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
GOWANUS_GT3_1 24122	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
GOWANUS_GT3_2 24123	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
GOWANUS_GT3_3 24124	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
GOWANUS_GT3_4 24125	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
GOWANUS_GT3_5 24126	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
GOWANUS_GT3_6 24127	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
GOWANUS_GT3_7 24128	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
GOWANUS_GT3_8 24129	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
GOWANUS_GT4_1 24130	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GOWANUS_GT4_2 24131	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GOWANUS_GT4_3 24132	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GOWANUS_GT4_4 24133	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00

GOWANUS_GT4_5 24134	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GOWANUS_GT4_6 24135	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GOWANUS_GT4_7 24136	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GOWANUS_GT4_8 24137	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GREATVRV_69_KV_BK1 356245	60.09 4.97 0.00	46.77 3.77 -4.80	38.90 3.71 -0.74	39.34 3.56 0.00	39.52 3.46 0.00	41.05 3.44 0.00	45.16 3.73 0.00	51.30 4.49 0.00	54.66 5.35 0.00	87.37 7.53 -13.94	76.60 5.06 -30.00	60.71 6.25 -3.87	87.02 6.25 -28.60	86.33 6.54 -26.26	87.22 6.57 -28.84	58.26 6.15 1.72	106.73 11.78 2.61	108.83 11.23 -4.00	97.06 10.85 0.00	100.17 9.49 0.00	93.67 7.40 0.00	107.90 6.80 0.98	88.99 5.97 4.94	58.05 3.99 2.72
GREENBSH_115KV_TB3 55895	55.85 0.72 0.00	38.69 0.48 0.00	35.11 0.65 0.00	36.35 0.57 0.00	36.65 0.59 0.00	38.18 0.57 0.00	41.81 0.37 0.00	47.09 0.28 0.00	49.70 0.39 0.00	66.47 0.57 0.00	41.20 0.47 0.81	50.66 0.63 0.56	39.70 0.64 13.10	50.68 0.68 3.54	50.87 0.73 1.67	54.33 0.73 0.22	98.70 1.73 0.59	90.67 1.99 4.93	88.43 2.22 0.00	92.67 1.99 0.00	87.67 1.41 0.00	102.91 0.83 0.00	88.55 0.60 0.00	57.06 0.29 0.00
GREENDGE_115KV_TB5 80291	54.94 -0.18 0.00	38.29 0.08 0.00	34.67 0.21 0.00	35.81 0.03 0.00	35.98 -0.08 0.00	37.51 -0.10 0.00	41.40 -0.04 0.00	46.58 -0.23 0.00	48.44 -0.87 0.00	64.72 -1.18 0.00	40.95 -0.59 0.00	49.82 -0.77 0.00	51.25 -0.92 0.00	52.66 -0.87 0.00	51.00 -0.81 0.00	53.32 -0.50 0.00	96.26 -1.30 0.00	93.27 -0.34 0.00	86.74 0.53 0.00	91.27 0.59 0.00	87.02 0.75 0.00	101.99 -0.08 0.00	88.08 0.13 0.00	57.09 0.32 0.00
GREENIDGE___3 23582	54.94 -0.18 0.00	38.29 0.08 0.00	34.67 0.21 0.00	35.81 0.03 0.00	35.98 -0.08 0.00	37.51 -0.10 0.00	41.40 -0.04 0.00	46.58 -0.23 0.00	48.44 -0.87 0.00	64.72 -1.18 0.00	40.95 -0.59 0.00	49.82 -0.77 0.00	51.25 -0.92 0.00	52.66 -0.87 0.00	51.00 -0.81 0.00	53.32 -0.50 0.00	96.26 -1.30 0.00	93.27 -0.34 0.00	86.74 0.53 0.00	91.27 0.59 0.00	87.02 0.75 0.00	101.99 -0.08 0.00	88.08 0.13 0.00	57.09 0.32 0.00
GREENIDGE___4 23583	54.95 -0.18 0.00	38.29 0.08 0.00	34.67 0.21 0.00	35.81 0.03 0.00	35.98 -0.08 0.00	37.51 -0.10 0.00	41.40 -0.04 0.00	46.58 -0.23 0.00	48.44 -0.88 0.00	64.72 -1.18 0.00	40.95 -0.59 0.00	49.82 -0.78 0.00	51.25 -0.92 0.00	52.67 -0.86 0.00	51.00 -0.81 0.00	53.32 -0.50 0.00	96.25 -1.31 0.00	93.28 -0.32 0.00	86.73 0.52 0.00	91.27 0.59 0.00	87.02 0.75 0.00	102.00 -0.07 0.00	88.07 0.11 0.00	57.10 0.32 0.00
GREENLWN_69_KV_BK 3 55738	58.43 3.31 0.00	45.74 2.74 -4.80	38.00 2.81 -0.74	38.48 2.70 0.00	38.67 2.62 0.00	40.17 2.56 0.00	44.16 2.73 0.00	50.17 3.36 0.00	53.31 4.00 0.00	85.42 5.58 -13.94	75.30 3.80 -29.96	59.06 4.59 -3.87	85.43 4.67 -28.60	84.61 4.82 -26.26	81.81 4.73 -25.28	52.87 4.12 5.07	102.77 8.30 3.08	105.37 7.91 -3.85	93.96 7.75 0.00	97.01 6.34 0.00	90.82 4.56 0.00	104.23 3.61 1.45	82.08 3.24 9.12	55.95 2.34 3.16
GREENWD_138_KV_38B11_REV_LBMP_J 345004	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00
GRISSOM___SOLAR 323813	58.17 3.04 0.00	40.22 2.01 0.00	36.34 1.88 0.00	37.66 1.89 0.00	37.84 1.78 0.00	39.45 1.84 0.00	43.19 1.76 0.00	48.21 1.40 0.00	50.81 1.50 0.00	67.72 1.82 0.00	41.32 0.70 0.92	50.79 0.83 0.64	37.87 0.62 14.92	50.10 0.60 4.03	50.48 0.56 1.90	53.82 0.25 0.25	97.08 0.19 0.68	88.90 0.91 5.61	88.53 2.32 0.00	95.26 4.59 0.00	91.77 5.51 0.00	108.44 6.36 0.00	93.41 5.45 0.00	60.01 3.24 0.00
GROVEVILLE___HYD 323602	58.76 3.64 0.00	40.64 2.44 0.00	36.91 2.45 0.00	38.15 2.37 0.00	38.41 2.36 0.00	39.95 2.33 0.00	43.85 2.42 0.00	49.49 2.68 0.00	52.44 3.13 0.00	70.48 4.58 0.00	45.26 3.14 -0.58	55.02 4.02 -0.40	69.40 4.18 -13.06	61.44 4.38 -3.53	57.83 4.35 -1.67	58.52 4.48 -0.22	106.98 8.83 -0.59	107.74 9.21 -4.93	95.01 8.80 0.00	98.98 8.30 0.00	92.97 6.71 0.00	108.54 6.46 0.00	93.22 5.26 0.00	59.99 3.22 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	55.00 -0.12 0.00	38.15 -0.06 0.00	34.50 0.04 0.00	35.72 -0.06 0.00	35.97 -0.09 0.00	37.51 -0.10 0.00	41.30 -0.13 0.00	46.53 -0.27 0.00	48.94 -0.37 0.00	65.43 -0.47 0.00	41.11 -0.43 0.00	49.99 -0.61 0.00	51.54 -0.63 0.00	52.96 -0.57 0.00	51.39 -0.42 0.00	53.53 -0.29 0.00	97.36 -0.20 0.00	93.73 0.13 0.00	86.74 0.51 -0.02	91.66 0.47 -0.51	87.45 0.39 -0.80	105.19 0.03 -3.08	90.13 -0.02 -2.19	56.65 -0.16 -0.03
HAMLTNNY_34_KV_TB 80303	55.09 -0.04 0.00	38.18 -0.03 0.00	34.54 0.08 0.00	35.75 -0.02 0.00	36.00 -0.06 0.00	37.54 -0.07 0.00	41.33 -0.11 0.00	46.55 -0.26 0.00	48.92 -0.39 0.00	65.43 -0.47 0.00	41.14 -0.40 0.00	50.03 -0.56 0.00	51.60 -0.56 0.00	52.99 -0.54 0.00	51.43 -0.38 0.00	53.63 -0.19 0.00	97.58 0.01 0.00	94.04 0.43 0.00	86.94 0.71 -0.02	92.00 0.85 -0.47	87.88 0.87 -0.75	105.52 0.56 -2.88	90.48 0.48 -2.05	56.97 0.17 -0.03

HAMPSHIRE___PAPER_HYD 323593	56.09 0.96 0.00	38.81 0.60 0.00	34.92 0.46 0.00	36.28 0.50 0.00	36.58 0.53 0.00	38.22 0.61 0.00	42.03 0.60 0.00	47.50 0.69 0.00	50.13 0.82 0.00	66.84 0.94 0.00	42.00 0.46 0.00	50.87 0.27 0.00	52.50 0.33 0.00	53.70 0.17 0.00	51.72 -0.09 0.00	53.65 -0.18 0.00	97.06 -0.50 0.00	93.39 -0.21 0.00	86.61 0.39 -0.01	92.57 1.70 -0.19	89.31 2.74 -0.30	106.87 3.62 -1.17	91.70 2.92 -0.83	58.58 1.79 -0.01
HARDSCRABBLE_WT_PWR 323673	55.59 0.47 0.00	38.37 0.16 0.00	34.91 0.45 0.00	36.13 0.35 0.00	36.36 0.30 0.00	37.92 0.31 0.00	41.69 0.25 0.00	46.75 -0.06 0.00	49.17 -0.14 0.00	65.56 -0.33 0.00	41.02 -0.52 0.00	50.19 -0.40 0.00	51.51 -0.65 0.00	53.00 -0.54 0.00	51.12 -0.69 0.00	53.23 -0.60 0.00	96.94 -0.62 0.00	93.82 0.21 0.00	87.70 1.49 0.00	93.00 2.32 0.00	88.30 2.03 0.00	103.92 1.84 0.00	89.08 1.12 0.00	57.15 0.37 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	58.69 3.56 0.00	34.53 2.34 6.01	35.87 2.34 0.92	38.01 2.23 0.00	38.28 2.22 0.00	39.78 2.17 0.00	43.65 2.21 0.00	49.29 2.48 0.00	52.24 2.93 0.00	68.79 4.38 1.49	16.47 3.03 28.10	55.07 3.95 -0.53	68.84 4.10 -12.58	61.27 4.34 -3.40	57.78 4.36 -1.60	58.48 4.45 -0.21	106.87 8.74 -0.57	107.50 9.16 -4.73	94.93 8.72 0.00	98.73 8.05 0.00	92.67 6.40 0.00	108.09 6.01 0.00	92.82 4.87 0.00	59.79 3.02 0.00
HARSNRAD_115KV_TB1 81005	53.22 -1.91 0.00	36.90 -1.30 0.00	33.47 -0.99 0.00	34.57 -1.20 0.00	34.65 -1.40 0.00	36.23 -1.39 0.00	39.90 -1.54 0.00	45.09 -1.71 0.00	47.17 -2.14 0.00	63.37 -2.53 0.00	40.07 -1.47 0.00	48.81 -1.78 0.00	50.32 -1.85 0.00	51.76 -1.77 0.00	50.03 -1.79 0.00	52.63 -1.19 0.00	95.37 -2.19 0.00	92.12 -1.48 0.00	84.81 -1.40 0.00	88.88 -1.80 0.00	85.03 -1.24 0.00	100.33 -1.75 0.00	87.62 -0.34 0.00	56.26 -0.51 0.00
HARZA MOOSE___RIVER 24016	56.53 1.40 0.00	39.08 0.88 0.00	35.29 0.83 0.00	36.61 0.83 0.00	36.93 0.87 0.00	38.57 0.96 0.00	42.38 0.94 0.00	47.83 1.02 0.00	50.47 1.16 0.00	67.39 1.49 0.00	42.34 0.79 0.00	51.32 0.73 0.00	52.91 0.75 0.00	54.18 0.65 0.00	52.32 0.51 0.00	54.35 0.53 0.00	98.59 1.03 0.00	95.14 1.54 0.00	88.48 2.26 -0.01	94.16 3.35 -0.13	90.23 3.76 -0.21	107.25 4.37 -0.81	91.84 3.31 -0.57	58.66 1.88 -0.01
HDSNBRDG_115KV_BRDG_TB1 355580	54.68 -0.45 0.00	37.92 -0.28 0.00	34.30 -0.16 0.00	35.52 -0.26 0.00	35.75 -0.30 0.00	37.28 -0.33 0.00	41.04 -0.40 0.00	46.28 -0.52 0.00	48.66 -0.65 0.00	65.06 -0.84 0.00	40.87 -0.68 0.00	49.71 -0.88 0.00	51.26 -0.90 0.00	52.70 -0.83 0.00	51.12 -0.69 0.00	53.26 -0.56 0.00	96.83 -0.73 0.00	93.17 -0.44 0.00	86.22 0.01 0.00	90.58 -0.10 0.00	86.07 -0.19 0.00	101.42 -0.66 0.00	87.37 -0.59 0.00	56.25 -0.52 0.00
HELLGATE_13_KV_LD 55870	59.38 4.25 0.00	45.97 2.95 -4.82	38.20 3.00 -0.74	38.69 2.92 0.00	38.94 2.88 0.00	40.46 2.84 0.00	44.37 2.93 0.00	50.13 3.32 0.00	53.18 3.87 0.00	72.86 5.77 -1.20	69.61 4.06 -24.00	56.25 5.07 -0.59	71.10 5.20 -13.73	62.68 5.45 -3.71	58.95 5.39 -1.75	59.38 5.33 -0.23	108.45 10.26 -0.62	109.44 10.67 -5.17	96.23 10.02 0.00	99.87 9.19 0.00	93.75 7.49 0.00	109.32 7.24 0.00	94.03 6.07 0.00	60.81 4.03 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	59.38 4.25 0.00	45.97 2.95 -4.82	38.20 3.00 -0.74	38.69 2.92 0.00	38.94 2.88 0.00	40.46 2.84 0.00	44.37 2.93 0.00	50.13 3.32 0.00	53.18 3.87 0.00	72.86 5.77 -1.20	69.61 4.06 -24.00	56.25 5.07 -0.59	71.10 5.20 -13.73	62.68 5.45 -3.71	58.95 5.39 -1.75	59.38 5.33 -0.23	108.45 10.26 -0.62	109.44 10.67 -5.17	96.23 10.02 0.00	99.87 9.19 0.00	93.75 7.49 0.00	109.32 7.24 0.00	94.03 6.07 0.00	60.81 4.03 0.00
HEMPSTEAD____ 23647	58.95 3.82 0.00	45.83 2.83 -4.80	38.02 2.82 -0.74	38.49 2.71 0.00	38.71 2.66 0.00	40.22 2.61 0.00	44.19 2.75 0.00	50.07 3.26 0.00	53.23 3.92 0.00	85.51 5.67 -13.94	76.72 3.85 -31.33	59.24 4.77 -3.87	85.64 4.88 -28.60	84.80 5.01 -26.26	85.54 4.94 -28.79	69.76 4.69 -11.26	116.83 9.29 -9.98	110.63 9.14 -7.88	95.00 8.79 0.00	98.33 7.65 0.00	92.18 5.92 0.00	107.39 5.32 0.00	100.90 4.58 -8.36	69.12 3.05 -9.29
HICKLING___1 23621	54.89 -0.24 0.00	38.04 -0.17 0.00	34.51 0.05 0.00	35.61 -0.17 0.00	35.79 -0.27 0.00	37.30 -0.31 0.00	41.21 -0.23 0.00	46.39 -0.42 0.00	48.47 -0.84 0.00	65.02 -0.88 0.00	40.88 -0.66 0.00	49.91 -0.68 0.00	51.59 -0.57 0.00	52.99 -0.54 0.00	51.59 -0.22 0.00	54.07 0.25 0.00	98.56 1.00 0.00	94.71 1.10 0.00	87.95 1.74 0.00	92.27 1.59 0.00	87.69 1.43 0.00	103.39 1.31 0.00	89.18 1.23 0.00	57.42 0.64 0.00
HICKLING___2 23622	54.89 -0.24 0.00	38.04 -0.17 0.00	34.51 0.05 0.00	35.61 -0.17 0.00	35.79 -0.27 0.00	37.30 -0.31 0.00	41.21 -0.23 0.00	46.39 -0.42 0.00	48.47 -0.84 0.00	65.02 -0.88 0.00	40.88 -0.66 0.00	49.91 -0.68 0.00	51.59 -0.57 0.00	52.99 -0.54 0.00	51.59 -0.22 0.00	54.07 0.25 0.00	98.56 1.00 0.00	94.71 1.10 0.00	87.95 1.74 0.00	92.27 1.59 0.00	87.69 1.43 0.00	103.39 1.31 0.00	89.18 1.23 0.00	57.42 0.64 0.00
HIGH FALLS___HY 23754	58.83 3.70 0.00	39.64 2.44 1.00	36.72 2.41 0.15	38.08 2.31 0.00	38.30 2.24 0.00	39.80 2.19 0.00	43.72 2.28 0.00	49.39 2.57 0.00	52.27 2.96 0.00	70.00 4.35 0.25	40.18 3.03 4.39	54.69 3.80 -0.29	64.89 3.97 -8.76	60.09 4.19 -2.37	57.17 4.24 -1.12	58.38 4.41 -0.15	106.91 8.95 -0.40	106.44 9.53 -3.30	95.59 9.38 0.00	99.50 8.82 0.00	93.35 7.09 0.00	108.82 6.74 0.00	93.35 5.39 0.00	60.04 3.27 0.00
HIGH_RIVER___SOLAR 323847	57.27 2.14 0.00	39.62 1.42 0.00	35.87 1.41 0.00	37.17 1.39 0.00	37.39 1.34 0.00	38.97 1.35 0.00	42.75 1.31 0.00	47.87 1.05 0.00	50.24 0.92 0.00	66.92 1.02 0.00	40.95 0.39 0.99	50.50 0.59 0.69	36.62 0.46 16.01	49.69 0.48 4.32	50.22 0.45 2.04	53.99 0.43 0.27	97.73 0.90 0.73	89.34 1.75 6.02	88.89 2.69 0.00	94.40 3.72 0.00	90.10 3.83 0.00	106.18 4.11 0.00	91.45 3.50 0.00	58.86 2.09 0.00
HILLBURN___GT 23639	58.53 3.40 0.00	33.58 2.23 6.86	35.66 2.26 1.05	37.93 2.16 0.00	38.19 2.14 0.00	39.70 2.09 0.00	43.56 2.13 0.00	49.20 2.39 0.00	52.17 2.86 0.00	68.50 4.30 1.70	12.40 3.00 32.14	55.05 3.91 -0.54	69.04 4.04 -12.83	61.25 4.25 -3.46	57.70 4.26 -1.63	58.31 4.28 -0.21	106.45 8.31 -0.58	107.11 8.67 -4.83	94.46 8.25 0.00	98.15 7.47 0.00	92.14 5.88 0.00	107.45 5.38 0.00	92.35 4.39 0.00	59.54 2.77 0.00
HILLSIDE_115KV_TB1 80332	54.10 -1.02 0.00	37.50 -0.70 0.00	34.05 -0.41 0.00	35.14 -0.64 0.00	35.36 -0.70 0.00	36.85 -0.76 0.00	40.72 -0.72 0.00	45.85 -0.96 0.00	47.98 -1.33 0.00	64.37 -1.53 0.00	40.43 -1.11 0.00	49.43 -1.16 0.00	51.14 -1.02 0.00	52.49 -1.04 0.00	51.14 -0.67 0.00	53.58 -0.24 0.00	97.63 0.07 0.00	93.54 -0.06 0.00	86.71 0.50 0.00	90.78 0.10 0.00	86.15 -0.11 0.00	101.65 -0.43 0.00	87.69 -0.26 0.00	56.50 -0.27 0.00

HISHELDN_WT_PWR 323625	53.84 -1.28 0.00	37.30 -0.90 0.00	33.81 -0.65 0.00	34.91 -0.87 0.00	35.02 -1.04 0.00	36.56 -1.05 0.00	40.30 -1.13 0.00	45.44 -1.37 0.00	47.45 -1.85 0.00	63.70 -2.20 0.00	40.20 -1.35 0.00	48.94 -1.66 0.00	50.48 -1.68 0.00	51.88 -1.65 0.00	50.23 -1.59 0.00	52.77 -1.05 0.00	95.86 -1.70 0.00	92.55 -1.06 0.00	85.53 -0.67 0.00	89.95 -0.72 0.00	86.05 -0.21 0.00	101.59 -0.49 0.00	88.33 0.38 0.00	56.82 0.04 0.00
HOLTSVILLE_IC_1 23690	59.07 3.95 0.00	46.12 3.11 -4.80	38.31 3.12 -0.74	38.74 2.97 0.00	38.92 2.86 0.00	40.44 2.83 0.00	44.50 3.07 0.00	50.55 3.74 0.00	53.78 4.47 0.00	86.13 6.29 -13.94	75.59 4.15 -29.90	59.56 5.10 -3.87	85.88 5.12 -28.60	85.09 5.30 -26.26	86.63 5.23 -29.59	55.70 4.64 2.75	102.71 8.89 3.74	105.86 8.60 -3.66	94.69 8.49 0.00	97.71 7.03 0.00	91.42 5.15 0.00	105.33 4.24 0.98	85.79 3.39 5.55	55.28 2.28 3.78
HOLTSVILLE_IC_10 23699	59.40 4.28 0.00	46.33 3.32 -4.80	38.49 3.30 -0.74	38.92 3.15 0.00	39.09 3.04 0.00	40.60 2.99 0.00	44.70 3.26 0.00	50.80 3.99 0.00	54.09 4.78 0.00	86.57 6.74 -13.94	75.94 4.47 -29.92	59.99 5.52 -3.87	86.36 5.60 -28.60	85.61 5.81 -26.27	88.06 5.79 -30.45	57.55 5.24 1.52	103.98 9.90 3.48	106.93 9.59 -3.74	95.62 9.41 0.00	98.62 7.95 0.00	92.28 6.01 0.00	106.23 5.20 1.05	86.09 4.12 5.98	55.91 2.67 3.53
HOLTSVILLE_IC_2 23691	59.07 3.95 0.00	46.12 3.11 -4.80	38.31 3.12 -0.74	38.74 2.97 0.00	38.92 2.86 0.00	40.44 2.83 0.00	44.50 3.07 0.00	50.55 3.74 0.00	53.78 4.47 0.00	86.13 6.29 -13.94	75.59 4.15 -29.90	59.56 5.10 -3.87	85.88 5.12 -28.60	85.09 5.30 -26.26	86.63 5.23 -29.59	55.70 4.64 2.75	102.71 8.89 3.74	105.86 8.60 -3.66	94.69 8.49 0.00	97.71 7.03 0.00	91.42 5.15 0.00	105.33 4.24 0.98	85.79 3.39 5.55	55.28 2.28 3.78
HOLTSVILLE_IC_3 23692	59.07 3.95 0.00	46.12 3.11 -4.80	38.31 3.12 -0.74	38.74 2.97 0.00	38.92 2.86 0.00	40.44 2.83 0.00	44.50 3.07 0.00	50.55 3.74 0.00	53.78 4.47 0.00	86.13 6.29 -13.94	75.59 4.15 -29.90	59.56 5.10 -3.87	85.88 5.12 -28.60	85.09 5.30 -26.26	86.63 5.23 -29.59	55.70 4.64 2.75	102.71 8.89 3.74	105.86 8.60 -3.66	94.69 8.49 0.00	97.71 7.03 0.00	91.42 5.15 0.00	105.33 4.24 0.98	85.79 3.39 5.55	55.28 2.28 3.78
HOLTSVILLE_IC_4 23693	59.07 3.95 0.00	46.12 3.11 -4.80	38.31 3.12 -0.74	38.74 2.97 0.00	38.92 2.86 0.00	40.44 2.83 0.00	44.50 3.07 0.00	50.55 3.74 0.00	53.78 4.47 0.00	86.13 6.29 -13.94	75.59 4.15 -29.90	59.56 5.10 -3.87	85.88 5.12 -28.60	85.09 5.30 -26.26	86.63 5.23 -29.59	55.70 4.64 2.75	102.71 8.89 3.74	105.86 8.60 -3.66	94.69 8.49 0.00	97.71 7.03 0.00	91.42 5.15 0.00	105.33 4.24 0.98	85.79 3.39 5.55	55.28 2.28 3.78
HOLTSVILLE_IC_5 23694	59.07 3.95 0.00	46.12 3.11 -4.80	38.31 3.12 -0.74	38.74 2.97 0.00	38.92 2.86 0.00	40.44 2.83 0.00	44.50 3.07 0.00	50.55 3.74 0.00	53.78 4.47 0.00	86.13 6.29 -13.94	75.59 4.15 -29.90	59.56 5.10 -3.87	85.88 5.12 -28.60	85.09 5.30 -26.26	86.63 5.23 -29.59	55.70 4.64 2.75	102.71 8.89 3.74	105.86 8.60 -3.66	94.69 8.49 0.00	97.71 7.03 0.00	91.42 5.15 0.00	105.33 4.24 0.98	85.79 3.39 5.55	55.28 2.28 3.78
HOLTSVILLE_IC_6 23695	59.40 4.28 0.00	46.33 3.32 -4.80	38.49 3.30 -0.74	38.92 3.15 0.00	39.09 3.04 0.00	40.60 2.99 0.00	44.70 3.26 0.00	50.80 3.99 0.00	54.09 4.78 0.00	86.57 6.74 -13.94	75.94 4.47 -29.92	59.99 5.52 -3.87	86.36 5.60 -28.60	85.61 5.81 -26.27	88.06 5.79 -30.45	57.55 5.24 1.52	103.98 9.90 3.48	106.93 9.59 -3.74	95.62 9.41 0.00	98.62 7.95 0.00	92.28 6.01 0.00	106.23 5.20 1.05	86.09 4.12 5.98	55.91 2.67 3.53
HOLTSVILLE_IC_7 23696	59.40 4.28 0.00	46.33 3.32 -4.80	38.49 3.30 -0.74	38.92 3.15 0.00	39.09 3.04 0.00	40.60 2.99 0.00	44.70 3.26 0.00	50.80 3.99 0.00	54.09 4.78 0.00	86.57 6.74 -13.94	75.94 4.47 -29.92	59.99 5.52 -3.87	86.36 5.60 -28.60	85.61 5.81 -26.27	88.06 5.79 -30.45	57.55 5.24 1.52	103.98 9.90 3.48	106.93 9.59 -3.74	95.62 9.41 0.00	98.62 7.95 0.00	92.28 6.01 0.00	106.23 5.20 1.05	86.09 4.12 5.98	55.91 2.67 3.53
HOLTSVILLE_IC_8 23697	59.40 4.28 0.00	46.33 3.32 -4.80	38.49 3.30 -0.74	38.92 3.15 0.00	39.09 3.04 0.00	40.60 2.99 0.00	44.70 3.26 0.00	50.80 3.99 0.00	54.09 4.78 0.00	86.57 6.74 -13.94	75.94 4.47 -29.92	59.99 5.52 -3.87	86.36 5.60 -28.60	85.61 5.81 -26.27	88.06 5.79 -30.45	57.55 5.24 1.52	103.98 9.90 3.48	106.93 9.59 -3.74	95.62 9.41 0.00	98.62 7.95 0.00	92.28 6.01 0.00	106.23 5.20 1.05	86.09 4.12 5.98	55.91 2.67 3.53
HOLTSVILLE_IC_9 23698	59.40 4.28 0.00	46.33 3.32 -4.80	38.49 3.30 -0.74	38.92 3.15 0.00	39.09 3.04 0.00	40.60 2.99 0.00	44.70 3.26 0.00	50.80 3.99 0.00	54.09 4.78 0.00	86.57 6.74 -13.94	75.94 4.47 -29.92	59.99 5.52 -3.87	86.36 5.60 -28.60	85.61 5.81 -26.27	88.06 5.79 -30.45	57.55 5.24 1.52	103.98 9.90 3.48	106.93 9.59 -3.74	95.62 9.41 0.00	98.62 7.95 0.00	92.28 6.01 0.00	106.23 5.20 1.05	86.09 4.12 5.98	55.91 2.67 3.53
HOMER_HL_115KV_TB2 355744	53.99 -1.14 0.00	37.21 -0.99 0.00	33.78 -0.68 0.00	34.91 -0.87 0.00	35.10 -0.96 0.00	36.66 -0.95 0.00	40.45 -0.99 0.00	45.64 -1.17 0.00	47.73 -1.59 0.00	63.98 -1.92 0.00	40.15 -1.40 0.00	48.95 -1.64 0.00	50.76 -1.40 0.00	52.15 -1.38 0.00	50.70 -1.12 0.00	53.30 -0.52 0.00	97.11 -0.45 0.00	93.20 -0.40 0.00	86.11 -0.10 0.00	89.92 -0.76 0.00	85.75 -0.51 0.00	101.69 -0.39 0.00	88.39 0.43 0.00	56.88 0.10 0.00
HOWARD_WT_PWR 323690	55.28 0.16 0.00	38.40 0.20 0.00	34.83 0.37 0.00	35.88 0.11 0.00	35.91 -0.14 0.00	37.47 -0.14 0.00	41.50 0.07 0.00	46.68 -0.12 0.00	48.55 -0.76 0.00	65.03 -0.87 0.00	40.93 -0.61 0.00	49.75 -0.85 0.00	51.32 -0.84 0.00	52.72 -0.81 0.00	51.10 -0.71 0.00	53.59 -0.23 0.00	97.58 0.02 0.00	94.40 0.79 0.00	87.90 1.69 0.00	92.84 2.16 0.00	88.84 2.58 0.00	104.80 2.72 0.00	90.59 2.64 0.00	58.39 1.62 0.00
HQ_GEN_CEDARS 23644	55.41 0.28 0.00	38.42 0.21 0.00	34.46 0.00 0.00	35.87 0.10 0.00	36.13 0.08 0.00	37.70 0.09 0.00	41.61 0.17 0.00	47.24 0.43 0.00	49.84 0.53 0.00	66.34 0.45 0.00	41.98 0.43 0.00	51.10 0.50 0.00	52.72 0.56 0.00	53.96 0.43 0.00	52.04 0.23 0.00	53.88 0.05 0.00	97.17 -0.39 0.00	92.91 -0.70 0.00	85.34 -0.87 0.00	90.44 -0.24 0.00	86.82 0.55 0.00	103.32 1.24 0.00	89.19 1.24 0.00	57.75 0.97 0.00
HQ_GEN_CEDARS_PROXY 323590	55.41 0.28 0.00	38.42 0.22 0.00	34.46 0.00 0.00	35.88 0.10 0.00	36.13 0.08 0.00	37.70 0.09 0.00	41.61 0.17 0.00	46.88 0.43 0.36	49.84 0.53 0.00	66.35 0.45 0.00	41.97 0.43 0.00	51.10 0.50 0.00	52.72 0.56 0.00	53.96 0.43 0.00	52.04 0.23 0.00	53.88 0.05 0.00	97.17 -0.39 0.00	93.75 -0.69 -0.84	84.92 -0.87 0.42	90.44 -0.24 0.00	86.82 0.55 0.00	103.32 1.24 0.00	89.19 1.23 0.00	57.75 0.98 0.00

HQ_GEN_IMPORT 323601	55.02 -0.10 0.00	38.13 -0.08 0.00	34.22 -0.27 -0.04	35.59 -0.19 0.00	35.88 -0.17 0.00	37.47 -0.14 0.00	41.39 -0.05 0.00	46.90 0.09 0.00	49.43 0.12 0.00	63.61 0.08 2.37	41.67 0.13 0.00	51.80 0.15 -1.05	52.33 0.16 0.00	53.64 0.11 0.00	51.83 0.02 0.00	53.78 -0.04 0.00	97.17 -0.39 0.00	92.94 -0.67 0.00	83.58 -1.02 1.61	89.87 -0.81 0.00	85.84 -0.43 0.00	102.25 0.17 0.00	88.06 0.11 0.00	56.96 0.18 0.00
HQ_GEN_WHEEL 23651	55.02 -0.10 0.00	38.13 -0.08 0.00	34.22 -0.27 -0.04	35.59 -0.19 0.00	35.88 -0.17 0.00	37.47 -0.14 0.00	41.39 -0.05 0.00	46.90 0.09 0.00	49.43 0.12 0.00	63.61 0.08 2.37	41.67 0.13 0.00	51.80 0.15 -1.05	52.33 0.16 0.00	53.64 0.11 0.00	51.83 0.02 0.00	53.78 -0.04 0.00	97.17 -0.39 0.00	92.94 -0.67 0.00	83.58 -1.02 1.61	89.87 -0.81 0.00	85.84 -0.43 0.00	102.25 0.17 0.00	88.06 0.11 0.00	56.96 0.18 0.00
HUDSON AVE_GT_3 23810	59.04 3.91 0.00	45.71 2.68 -4.83	37.92 2.72 -0.74	38.44 2.66 0.00	38.70 2.64 0.00	40.21 2.59 0.00	44.12 2.68 0.00	49.84 3.03 0.00	52.90 3.59 0.00	72.43 5.33 -1.20	69.30 3.73 -24.03	55.87 4.68 -0.59	70.70 4.80 -13.73	62.23 4.99 -3.71	58.54 4.98 -1.75	59.00 4.95 -0.23	107.79 9.61 -0.62	108.72 9.95 -5.17	95.61 9.40 0.00	99.19 8.51 0.00	93.09 6.83 0.00	108.60 6.52 0.00	93.40 5.45 0.00	60.35 3.58 0.00
HUDSON AVE_GT_4 23540	59.04 3.91 0.00	45.71 2.68 -4.83	37.92 2.72 -0.74	38.44 2.66 0.00	38.70 2.64 0.00	40.21 2.59 0.00	44.12 2.68 0.00	49.84 3.03 0.00	52.90 3.59 0.00	72.43 5.33 -1.20	69.30 3.73 -24.03	55.87 4.68 -0.59	70.70 4.80 -13.73	62.23 4.99 -3.71	58.54 4.98 -1.75	59.00 4.95 -0.23	107.79 9.61 -0.62	108.72 9.95 -5.17	95.61 9.40 0.00	99.19 8.51 0.00	93.09 6.83 0.00	108.60 6.52 0.00	93.40 5.45 0.00	60.35 3.58 0.00
HUDSON AVE_GT_5 23657	59.04 3.91 0.00	45.71 2.68 -4.83	37.92 2.72 -0.74	38.44 2.66 0.00	38.70 2.64 0.00	40.21 2.59 0.00	44.12 2.68 0.00	49.84 3.03 0.00	52.90 3.59 0.00	72.43 5.33 -1.20	69.30 3.73 -24.03	55.87 4.68 -0.59	70.70 4.80 -13.73	62.23 4.99 -3.71	58.54 4.98 -1.75	59.00 4.95 -0.23	107.79 9.61 -0.62	108.72 9.95 -5.17	95.61 9.40 0.00	99.19 8.51 0.00	93.09 6.83 0.00	108.60 6.52 0.00	93.40 5.45 0.00	60.35 3.58 0.00
HUDSON_AVE_10 24168	58.90 3.78 0.00	45.63 2.60 -4.83	37.85 2.65 -0.74	38.35 2.58 0.00	38.61 2.55 0.00	40.13 2.51 0.00	44.02 2.58 0.00	49.72 2.92 0.00	52.77 3.46 0.00	72.28 5.19 -1.20	69.38 3.61 -24.22	55.71 4.53 -0.59	70.55 4.65 -13.73	62.08 4.84 -3.71	58.39 4.83 -1.75	58.85 4.80 -0.23	107.55 9.36 -0.62	108.63 9.72 -5.31	95.41 9.20 0.00	98.97 8.30 0.00	92.90 6.63 0.00	108.79 6.29 -0.42	93.23 5.27 0.00	60.22 3.45 0.00
HUDSON___115KV_TB 4 355613	57.22 2.10 0.00	39.58 1.38 0.00	35.88 1.42 0.00	37.13 1.35 0.00	37.42 1.37 0.00	38.97 1.36 0.00	42.67 1.24 0.00	47.92 1.12 0.00	50.40 1.09 0.00	67.19 1.30 0.00	41.90 0.91 0.56	51.34 1.13 0.39	44.65 1.17 8.68	52.44 1.25 2.34	51.97 1.27 1.10	54.98 1.31 0.14	100.09 2.92 0.39	93.78 3.44 3.27	90.16 3.95 0.00	95.06 4.38 0.00	90.18 3.92 0.00	105.80 3.72 0.00	90.95 3.00 0.00	58.46 1.68 0.00
HUNTER MOUNT___DRP 323613	57.47 2.35 0.00	39.74 1.54 0.00	36.02 1.56 0.00	37.26 1.49 0.00	37.56 1.51 0.00	39.12 1.51 0.00	42.86 1.42 0.00	48.14 1.33 0.00	50.65 1.34 0.00	67.45 1.55 0.00	42.22 1.05 0.37	51.62 1.28 0.26	48.10 1.31 5.38	53.51 1.43 1.45	52.59 1.46 0.68	55.22 1.49 0.09	100.61 3.29 0.24	95.41 3.82 2.02	90.49 4.28 0.00	95.49 4.81 0.00	90.63 4.36 0.00	106.39 4.31 0.00	91.44 3.49 0.00	58.71 1.94 0.00
HUNTINGTON_RES_REC 323705	58.91 3.78 0.00	46.04 3.03 -4.80	38.26 3.06 -0.74	38.70 2.93 0.00	38.88 2.82 0.00	40.38 2.77 0.00	44.42 2.99 0.00	50.49 3.68 0.00	53.71 4.40 0.00	86.03 6.20 -13.94	75.64 4.18 -29.92	59.60 5.13 -3.87	85.99 5.23 -28.60	85.26 5.45 -26.27	96.04 5.34 -38.88	66.44 4.82 -7.80	103.38 9.30 3.48	106.23 8.89 -3.74	94.95 8.75 0.00	97.96 7.28 0.00	91.64 5.37 0.00	104.88 4.48 1.67	80.14 3.50 11.32	55.60 2.35 3.53
HUNTLEY___63 23557	53.68 -1.45 0.00	37.21 -0.99 0.00	33.73 -0.72 0.00	34.84 -0.94 0.00	34.92 -1.13 0.00	36.49 -1.12 0.00	40.19 -1.25 0.00	45.48 -1.33 0.00	47.61 -1.70 0.00	64.00 -1.90 0.00	40.48 -1.06 0.00	49.36 -1.24 0.00	50.84 -1.32 0.00	52.30 -1.24 0.00	50.57 -1.24 0.00	53.21 -0.61 0.00	96.49 -1.07 0.00	93.05 -0.55 0.00	85.64 -0.57 0.00	89.66 -1.02 0.00	85.67 -0.60 0.00	101.10 -0.98 0.00	88.33 0.37 0.00	56.75 -0.03 0.00
HUNTLEY___64 23558	53.68 -1.45 0.00	37.21 -0.99 0.00	33.73 -0.72 0.00	34.84 -0.94 0.00	34.92 -1.13 0.00	36.49 -1.12 0.00	40.19 -1.25 0.00	45.48 -1.33 0.00	47.61 -1.70 0.00	64.00 -1.90 0.00	40.48 -1.06 0.00	49.36 -1.24 0.00	50.84 -1.32 0.00	52.30 -1.24 0.00	50.57 -1.24 0.00	53.21 -0.61 0.00	96.49 -1.07 0.00	93.05 -0.55 0.00	85.64 -0.57 0.00	89.66 -1.02 0.00	85.67 -0.60 0.00	101.10 -0.98 0.00	88.33 0.37 0.00	56.75 -0.03 0.00
HUNTLEY___65 23559	53.68 -1.45 0.00	37.21 -0.99 0.00	33.73 -0.72 0.00	34.84 -0.94 0.00	34.92 -1.13 0.00	36.49 -1.12 0.00	40.19 -1.25 0.00	45.48 -1.33 0.00	47.61 -1.70 0.00	64.00 -1.90 0.00	40.48 -1.06 0.00	49.36 -1.24 0.00	50.84 -1.32 0.00	52.30 -1.24 0.00	50.57 -1.24 0.00	53.21 -0.61 0.00	96.49 -1.07 0.00	93.05 -0.55 0.00	85.64 -0.57 0.00	89.66 -1.02 0.00	85.67 -0.60 0.00	101.10 -0.98 0.00	88.33 0.37 0.00	56.75 -0.03 0.00
HUNTLEY___66 23560	53.68 -1.45 0.00	37.21 -0.99 0.00	33.73 -0.72 0.00	34.84 -0.94 0.00	34.92 -1.13 0.00	36.49 -1.12 0.00	40.19 -1.25 0.00	45.48 -1.33 0.00	47.61 -1.70 0.00	64.00 -1.90 0.00	40.48 -1.06 0.00	49.36 -1.24 0.00	50.84 -1.32 0.00	52.30 -1.24 0.00	50.57 -1.24 0.00	53.21 -0.61 0.00	96.49 -1.07 0.00	93.05 -0.55 0.00	85.64 -0.57 0.00	89.66 -1.02 0.00	85.67 -0.60 0.00	101.10 -0.98 0.00	88.33 0.37 0.00	56.75 -0.03 0.00
HUNTLEY___67 23561	53.34 -1.79 0.00	36.97 -1.23 0.00	33.54 -0.92 0.00	34.64 -1.14 0.00	34.74 -1.32 0.00	36.30 -1.31 0.00	40.00 -1.43 0.00	45.25 -1.56 0.00	47.39 -1.92 0.00	63.69 -2.21 0.00	40.23 -1.31 0.00	49.06 -1.54 0.00	50.59 -1.58 0.00	52.04 -1.50 0.00	50.31 -1.50 0.00	52.92 -0.90 0.00	96.00 -1.56 0.00	92.57 -1.04 0.00	85.19 -1.02 0.00	89.14 -1.54 0.00	85.13 -1.14 0.00	100.46 -1.62 0.00	87.63 -0.33 0.00	56.32 -0.46 0.00
HUNTLEY___68 23562	53.34 -1.79 0.00	36.97 -1.23 0.00	33.54 -0.92 0.00	34.64 -1.14 0.00	34.74 -1.32 0.00	36.30 -1.31 0.00	40.00 -1.43 0.00	45.25 -1.56 0.00	47.39 -1.92 0.00	63.69 -2.21 0.00	40.23 -1.31 0.00	49.06 -1.54 0.00	50.59 -1.58 0.00	52.04 -1.50 0.00	50.31 -1.50 0.00	52.92 -0.90 0.00	96.00 -1.56 0.00	92.57 -1.04 0.00	85.19 -1.02 0.00	89.14 -1.54 0.00	85.13 -1.14 0.00	100.46 -1.62 0.00	87.63 -0.33 0.00	56.32 -0.46 0.00

HYLAND___LFGE 323620	57.58 2.46 0.00	39.76 1.56 0.00	35.94 1.48 0.00	37.08 1.31 0.00	37.16 1.11 0.00	38.79 1.18 0.00	42.71 1.27 0.00	47.61 0.81 0.00	48.99 -0.32 0.00	65.66 -0.23 0.00	41.44 -0.11 0.00	50.40 -0.19 0.00	52.04 -0.13 0.00	53.42 -0.11 0.00	51.51 -0.30 0.00	53.39 -0.42 0.00	95.84 -1.72 0.00	92.79 -0.82 0.00	86.05 -0.15 0.00	92.72 2.05 0.00	89.97 3.70 0.00	106.55 4.47 0.00	92.04 4.08 0.00	60.22 3.44 0.00
INDECK___CORINTH 23802	57.47 2.34 0.00	39.72 1.52 0.00	35.98 1.53 0.00	37.19 1.41 0.00	37.44 1.39 0.00	38.99 1.38 0.00	42.80 1.37 0.00	48.04 1.23 0.00	50.62 1.31 0.00	67.52 1.62 0.00	40.69 0.62 1.47	50.52 0.95 1.02	29.02 0.73 23.87	48.13 1.04 6.44	49.55 0.78 3.04	54.43 1.01 0.40	98.76 2.28 1.08	87.93 3.30 8.98	90.02 3.82 0.00	95.20 4.52 0.00	90.38 4.12 0.00	106.04 3.96 0.00	90.94 2.98 0.00	58.22 1.44 0.00
INDECK___ILION 23567	55.58 0.46 0.00	38.44 0.24 0.00	34.86 0.40 0.00	36.12 0.34 0.00	36.38 0.32 0.00	37.92 0.31 0.00	41.68 0.24 0.00	46.88 0.07 0.00	49.35 0.04 0.00	65.90 0.01 0.00	41.38 -0.16 0.00	50.52 -0.08 0.00	51.97 -0.20 0.00	53.40 -0.13 0.00	51.62 -0.19 0.00	53.69 -0.13 0.00	97.59 0.03 0.00	94.11 0.51 0.00	87.43 1.22 0.00	92.31 1.63 0.00	87.65 1.39 0.00	103.30 1.22 0.00	88.75 0.79 0.00	57.07 0.30 0.00
INDECK___OLEAN 23982	53.99 -1.14 0.00	37.21 -0.99 0.00	33.78 -0.68 0.00	34.91 -0.87 0.00	35.10 -0.95 0.00	36.66 -0.95 0.00	40.45 -0.99 0.00	45.64 -1.16 0.00	47.72 -1.59 0.00	63.98 -1.92 0.00	40.15 -1.39 0.00	48.96 -1.64 0.00	50.77 -1.40 0.00	52.16 -1.38 0.00	50.71 -1.11 0.00	53.30 -0.52 0.00	97.08 -0.48 0.00	93.24 -0.37 0.00	86.12 -0.09 0.00	89.92 -0.76 0.00	85.76 -0.51 0.00	101.71 -0.37 0.00	88.38 0.42 0.00	56.87 0.09 0.00
INDECK___OSWEGO 23783	54.05 -1.08 0.00	37.52 -0.69 0.00	33.91 -0.54 0.00	35.15 -0.63 0.00	35.40 -0.65 0.00	36.92 -0.69 0.00	40.65 -0.79 0.00	45.84 -0.96 0.00	48.23 -1.08 0.00	64.46 -1.44 0.00	40.43 -1.12 0.00	49.11 -1.49 0.00	50.63 -1.53 0.00	52.04 -1.50 0.00	50.33 -1.48 0.00	52.13 -1.69 0.00	94.46 -3.10 0.00	90.83 -2.77 0.00	84.12 -2.17 -0.08	90.07 -2.29 -1.68	86.76 -2.15 -2.64	109.50 -2.80 -10.22	93.27 -1.94 -7.25	55.66 -1.20 -0.09
INDECK___YERKES 23781	53.72 -1.40 0.00	37.24 -0.97 0.00	33.76 -0.70 0.00	34.86 -0.92 0.00	34.95 -1.10 0.00	36.51 -1.10 0.00	40.23 -1.20 0.00	45.51 -1.30 0.00	47.65 -1.66 0.00	64.05 -1.85 0.00	40.52 -1.01 0.00	49.40 -1.20 0.00	50.88 -1.28 0.00	52.34 -1.19 0.00	50.62 -1.19 0.00	53.25 -0.57 0.00	96.56 -1.00 0.00	93.17 -0.44 0.00	85.74 -0.47 0.00	89.74 -0.94 0.00	85.73 -0.53 0.00	101.20 -0.88 0.00	88.38 0.43 0.00	56.79 0.02 0.00
INDIAN POINT_GT_1 24139	58.42 3.29 0.00	45.75 2.21 -5.33	37.55 2.27 -0.82	37.96 2.18 0.00	38.23 2.17 0.00	39.74 2.13 0.00	43.60 2.17 0.00	49.23 2.42 0.00	52.20 2.89 0.00	71.52 4.30 -1.32	70.98 2.99 -26.45	55.01 3.83 -0.58	69.68 3.95 -13.57	61.32 4.13 -3.66	57.65 4.11 -1.73	58.13 4.09 -0.23	106.15 7.98 -0.62	107.05 8.34 -5.11	94.18 7.98 0.00	97.92 7.25 0.00	91.96 5.70 0.00	107.32 5.24 0.00	92.27 4.31 0.00	59.52 2.75 0.00
INDIAN POINT_GT_2 23659	58.42 3.29 0.00	45.75 2.21 -5.33	37.55 2.27 -0.82	37.96 2.18 0.00	38.23 2.17 0.00	39.74 2.13 0.00	43.60 2.17 0.00	49.23 2.42 0.00	52.20 2.89 0.00	71.52 4.30 -1.32	70.98 2.99 -26.45	55.01 3.83 -0.58	69.68 3.95 -13.57	61.32 4.13 -3.66	57.65 4.11 -1.73	58.13 4.09 -0.23	106.15 7.98 -0.62	107.05 8.34 -5.11	94.18 7.98 0.00	97.92 7.25 0.00	91.96 5.70 0.00	107.32 5.24 0.00	92.27 4.31 0.00	59.52 2.75 0.00
INDIAN POINT_GT_3 24019	58.42 3.29 0.00	45.75 2.21 -5.33	37.55 2.27 -0.82	37.96 2.18 0.00	38.23 2.17 0.00	39.74 2.13 0.00	43.60 2.17 0.00	49.23 2.42 0.00	52.20 2.89 0.00	71.52 4.30 -1.32	70.98 2.99 -26.45	55.01 3.83 -0.58	69.68 3.95 -13.57	61.32 4.13 -3.66	57.65 4.11 -1.73	58.13 4.09 -0.23	106.15 7.98 -0.62	107.05 8.34 -5.11	94.18 7.98 0.00	97.92 7.25 0.00	91.96 5.70 0.00	107.32 5.24 0.00	92.27 4.31 0.00	59.52 2.75 0.00
INDIAN POINT___2 23530	58.38 3.25 0.00	47.85 2.17 -7.47	37.84 2.23 -1.15	37.92 2.14 0.00	38.19 2.13 0.00	39.69 2.08 0.00	43.55 2.12 0.00	49.17 2.37 0.00	52.14 2.83 0.00	71.98 4.23 -1.85	81.16 2.94 -36.68	54.95 3.79 -0.57	69.34 3.89 -13.28	61.19 4.07 -3.59	57.57 4.06 -1.69	58.08 4.03 -0.22	106.04 7.88 -0.60	106.83 8.23 -5.00	94.07 7.86 0.00	97.79 7.11 0.00	91.84 5.57 0.00	107.16 5.08 0.00	92.16 4.20 0.00	59.45 2.67 0.00
INDIAN POINT___3 23531	58.35 3.22 0.00	45.87 2.16 -5.50	37.53 2.23 -0.84	37.92 2.14 0.00	38.17 2.12 0.00	39.69 2.08 0.00	43.55 2.11 0.00	49.17 2.36 0.00	52.14 2.82 0.00	71.46 4.20 -1.36	71.72 2.92 -27.25	54.93 3.75 -0.58	69.60 3.85 -13.59	61.23 4.03 -3.66	57.55 4.01 -1.73	58.01 3.96 -0.23	105.91 7.73 -0.62	106.83 8.11 -5.11	93.94 7.73 0.00	97.69 7.01 0.00	91.76 5.49 0.00	107.10 5.03 0.00	92.09 4.14 0.00	59.41 2.64 0.00
INGHAM_C_115KV_TB7 356103	55.83 0.70 0.00	38.52 0.31 0.00	35.07 0.62 0.00	36.26 0.49 0.00	36.54 0.48 0.00	38.07 0.46 0.00	41.70 0.27 0.00	46.62 -0.19 0.00	48.98 -0.33 0.00	65.28 -0.62 0.00	40.74 -0.80 0.00	49.91 -0.68 0.00	51.18 -0.99 0.00	52.66 -0.88 0.00	50.81 -1.00 0.00	52.94 -0.88 0.00	96.48 -1.08 0.00	93.50 -0.10 0.00	87.70 1.49 0.00	93.19 2.51 0.00	88.50 2.24 0.00	104.04 1.97 0.00	89.06 1.10 0.00	57.04 0.26 0.00
IP CORINTH___1 23988	57.75 2.63 0.00	39.92 1.71 0.00	36.17 1.71 0.00	37.37 1.60 0.00	37.62 1.57 0.00	39.18 1.57 0.00	43.02 1.58 0.00	48.28 1.47 0.00	50.88 1.57 0.00	67.86 1.96 0.00	40.90 0.84 1.47	50.79 1.21 1.02	29.29 1.00 23.87	48.39 1.30 6.44	49.84 1.07 3.04	54.75 1.33 0.40	99.31 2.83 1.08	88.47 3.84 8.98	90.51 4.30 0.00	95.73 5.05 0.00	90.89 4.62 0.00	106.61 4.53 0.00	91.43 3.48 0.00	58.56 1.78 0.00
IP___TICONDEROGA 23804	59.61 4.49 0.00	41.64 3.44 0.00	37.50 3.03 0.00	38.57 2.79 0.00	38.65 2.59 0.00	40.37 2.76 0.00	44.49 3.06 0.00	49.71 2.90 0.00	52.18 2.87 0.00	68.70 2.80 0.00	41.24 1.18 1.47	51.22 1.64 1.02	29.25 0.96 23.87	49.78 2.69 6.44	51.27 2.50 3.04	56.96 3.54 0.40	103.55 7.07 1.08	94.47 9.84 8.98	93.58 7.37 0.00	99.77 9.09 0.00	94.92 8.66 0.00	110.82 8.74 0.00	94.94 6.98 0.00	59.96 3.18 0.00
ISLIP_RES_REC 323679	59.70 4.57 0.00	46.51 3.51 -4.80	38.66 3.47 -0.74	39.09 3.31 0.00	39.26 3.21 0.00	40.79 3.17 0.00	44.88 3.45 0.00	51.04 4.23 0.00	54.37 5.05 0.00	86.97 7.13 -13.94	76.22 4.74 -29.94	60.36 5.89 -3.87	86.77 6.01 -28.60	86.05 6.26 -26.26	88.19 6.26 -30.12	58.02 5.75 1.55	105.07 10.81 3.30	107.89 10.49 -3.79	96.47 10.27 0.00	99.51 8.83 0.00	93.06 6.79 0.00	107.08 6.04 1.04	86.97 4.78 5.77	56.48 3.07 3.36

JAMAICA__27_KV_LOAD 355505	59.36 4.24 0.00	45.96 2.93 -4.83	38.15 2.95 -0.74	38.65 2.87 0.00	38.91 2.85 0.00	40.45 2.84 0.00	44.34 2.90 0.00	50.08 3.27 0.00	53.14 3.83 0.00	72.77 5.67 -1.20	69.70 3.89 -24.27	56.07 4.88 -0.59	70.92 5.02 -13.73	62.48 5.25 -3.71	58.80 5.24 -1.75	59.32 5.27 -0.23	108.48 10.29 -0.62	109.59 10.64 -5.34	96.30 10.09 0.00	99.92 9.24 0.00	93.76 7.49 0.00	109.97 7.37 -0.53	94.23 6.28 0.00	60.83 4.06 0.00
JANIS__SOLAR 323808	57.16 2.03 0.00	39.54 1.34 0.00	35.81 1.36 0.00	37.07 1.29 0.00	37.30 1.24 0.00	38.89 1.28 0.00	42.83 1.39 0.00	48.18 1.37 0.00	50.30 0.99 0.00	67.06 1.16 0.00	42.10 0.56 0.00	51.14 0.54 0.00	52.51 0.34 0.00	53.88 0.35 0.00	52.25 0.44 0.00	54.58 0.75 0.00	99.69 2.13 0.00	96.57 2.97 0.00	90.22 4.01 0.00	96.08 5.40 0.00	91.74 5.48 0.00	108.03 5.95 0.00	92.79 4.83 0.00	59.48 2.71 0.00
JARVIS____ 23743	55.35 0.22 0.00	38.36 0.16 0.00	34.67 0.21 0.00	35.96 0.18 0.00	36.24 0.19 0.00	37.80 0.19 0.00	41.60 0.16 0.00	46.92 0.12 0.00	49.46 0.15 0.00	66.09 0.19 0.00	41.65 0.11 0.00	50.75 0.15 0.00	52.32 0.15 0.00	53.69 0.16 0.00	51.97 0.16 0.00	53.99 0.18 0.00	98.00 0.44 0.00	94.12 0.51 0.00	86.85 0.64 0.00	91.31 0.63 0.00	86.74 0.48 0.00	102.39 0.31 0.00	88.22 0.26 0.00	56.89 0.12 0.00
JENNISON____1 23625	57.28 2.16 0.00	39.56 1.35 0.00	35.87 1.41 0.00	37.24 1.47 0.00	37.46 1.41 0.00	38.93 1.32 0.00	42.97 1.53 0.00	48.51 1.70 0.00	50.98 1.67 0.00	68.09 2.19 0.00	42.93 1.39 0.00	52.29 1.70 0.00	53.93 1.76 0.00	55.35 1.81 0.00	53.51 1.69 0.00	55.75 1.94 0.00	101.70 4.14 0.00	98.39 4.78 0.00	91.80 5.59 0.00	96.97 6.29 0.00	92.13 5.87 0.00	108.33 6.25 0.00	93.08 5.13 0.00	59.72 2.94 0.00
JENNISON____2 23626	57.28 2.16 0.00	39.56 1.35 0.00	35.87 1.41 0.00	37.24 1.47 0.00	37.46 1.41 0.00	38.93 1.32 0.00	42.97 1.53 0.00	48.51 1.70 0.00	50.98 1.67 0.00	68.09 2.19 0.00	42.93 1.39 0.00	52.29 1.70 0.00	53.93 1.76 0.00	55.35 1.81 0.00	53.51 1.69 0.00	55.75 1.94 0.00	101.70 4.14 0.00	98.39 4.78 0.00	91.80 5.59 0.00	96.97 6.29 0.00	92.13 5.87 0.00	108.33 6.25 0.00	93.08 5.13 0.00	59.72 2.94 0.00
JERICOHO_RISE_WT_PWR 323719	54.73 -0.39 0.00	37.97 -0.23 0.00	34.00 -0.46 0.00	35.34 -0.43 0.00	35.65 -0.40 0.00	37.18 -0.44 0.00	41.04 -0.39 0.00	46.58 -0.23 0.00	49.36 0.05 0.00	65.75 -0.15 0.00	41.48 -0.06 0.00	50.58 -0.02 0.00	52.24 0.07 0.00	53.46 -0.07 0.00	51.42 -0.39 0.00	53.28 -0.54 0.00	96.63 -0.93 0.00	92.55 -1.06 0.00	84.93 -1.28 0.00	90.13 -0.54 0.00	86.46 0.19 0.00	102.73 0.65 0.00	88.36 0.41 0.00	57.21 0.43 0.00
KATONAH__115KV_46KV_TB4 355592	58.51 3.39 0.00	42.95 2.29 -2.45	37.17 2.34 -0.38	38.03 2.25 0.00	38.29 2.24 0.00	39.82 2.21 0.00	43.70 2.26 0.00	49.33 2.52 0.00	52.34 3.03 0.00	70.99 4.48 -0.61	57.27 3.10 -12.62	55.18 4.00 -0.58	70.28 4.14 -13.98	61.63 4.32 -3.77	57.90 4.31 -1.78	58.41 4.36 -0.23	106.70 8.50 -0.63	107.69 8.83 -5.26	94.60 8.39 0.00	98.39 7.71 0.00	92.41 6.15 0.00	107.87 5.79 0.00	92.70 4.75 0.00	59.73 2.95 0.00
KCE_NY_1 323755	57.86 2.73 0.00	39.91 1.70 0.00	36.24 1.78 0.00	37.49 1.72 0.00	37.81 1.75 0.00	39.37 1.76 0.00	43.25 1.81 0.00	48.56 1.76 0.00	51.17 1.87 0.00	68.26 2.37 0.00	41.24 1.31 1.61	51.24 1.76 1.12	27.87 1.72 26.01	48.36 1.85 7.02	50.29 1.79 3.31	55.38 1.99 0.43	100.28 3.90 1.18	88.48 4.66 9.78	90.96 4.75 0.00	96.11 5.43 0.00	90.75 4.48 0.00	106.65 4.57 0.00	91.76 3.80 0.00	58.85 2.08 0.00
KCE_NY_6_ESR 323823	53.87 -1.25 0.00	37.31 -0.90 0.00	33.82 -0.63 0.00	34.93 -0.85 0.00	35.02 -1.03 0.00	36.59 -1.03 0.00	40.32 -1.12 0.00	45.60 -1.20 0.00	47.74 -1.58 0.00	64.16 -1.73 0.00	40.53 -1.01 0.00	49.45 -1.15 0.00	51.04 -1.13 0.00	52.52 -1.01 0.00	50.86 -0.95 0.00	53.52 -0.30 0.00	97.17 -0.39 0.00	93.78 0.17 0.00	86.39 0.18 0.00	90.44 -0.24 0.00	86.34 0.07 0.00	101.83 -0.25 0.00	88.64 0.69 0.00	56.94 0.17 0.00
KEDC_PORT_JEFF_GT2 24210	59.32 4.20 0.00	46.27 3.27 -4.80	38.45 3.25 -0.74	38.88 3.10 0.00	39.05 3.00 0.00	40.57 2.96 0.00	44.66 3.22 0.00	50.75 3.94 0.00	54.02 4.71 0.00	86.50 6.67 -13.94	75.86 4.41 -29.91	59.90 5.44 -3.87	86.25 5.48 -28.60	85.50 5.71 -26.27	88.46 5.64 -31.01	57.82 5.01 1.01	103.11 9.13 3.59	105.87 8.56 -3.71	94.65 8.44 0.00	97.63 6.95 0.00	91.37 5.11 0.00	105.60 4.61 1.09	85.19 3.62 6.38	55.55 2.40 3.63
KEDC_PORT_JEFF_GT3 24211	59.32 4.20 0.00	46.27 3.27 -4.80	38.45 3.25 -0.74	38.88 3.10 0.00	39.05 3.00 0.00	40.57 2.96 0.00	44.66 3.22 0.00	50.75 3.94 0.00	54.02 4.71 0.00	86.50 6.67 -13.94	75.86 4.41 -29.91	59.90 5.44 -3.87	86.25 5.48 -28.60	85.50 5.71 -26.27	88.46 5.64 -31.01	57.82 5.01 1.01	103.11 9.13 3.59	105.87 8.56 -3.71	94.65 8.44 0.00	97.63 6.95 0.00	91.37 5.11 0.00	105.60 4.61 1.09	85.19 3.62 6.38	55.55 2.40 3.63
KEDC_GLWD_GT4 24219	59.17 4.04 0.00	45.88 2.88 -4.80	38.07 2.88 -0.74	38.56 2.79 0.00	38.80 2.75 0.00	40.32 2.70 0.00	44.28 2.84 0.00	50.10 3.29 0.00	53.24 3.93 0.00	85.57 5.73 -13.94	76.64 3.96 -31.14	59.44 4.98 -3.87	85.88 5.12 -28.60	85.10 5.31 -26.26	85.41 5.10 -28.50	67.81 4.76 -9.24	115.14 9.41 -8.17	110.43 9.46 -7.36	95.25 9.04 0.00	98.71 8.03 0.00	92.56 6.30 0.00	107.94 5.86 0.00	99.65 5.34 -6.35	67.30 3.47 -7.06
KEDC_GLWD_GT5 24220	59.17 4.04 0.00	45.88 2.88 -4.80	38.07 2.88 -0.74	38.56 2.79 0.00	38.80 2.75 0.00	40.32 2.70 0.00	44.28 2.84 0.00	50.10 3.29 0.00	53.24 3.93 0.00	85.57 5.73 -13.94	76.64 3.96 -31.14	59.44 4.98 -3.87	85.88 5.12 -28.60	85.10 5.31 -26.26	85.41 5.10 -28.50	67.81 4.76 -9.24	115.14 9.41 -8.17	110.43 9.46 -7.36	95.25 9.04 0.00	98.71 8.03 0.00	92.56 6.30 0.00	107.94 5.86 0.00	99.65 5.34 -6.35	67.30 3.47 -7.06
KENSICO____ 23655	58.58 3.45 0.00	45.58 2.34 -5.03	37.64 2.41 -0.77	38.11 2.33 0.00	38.37 2.32 0.00	39.88 2.27 0.00	43.76 2.33 0.00	49.42 2.61 0.00	52.40 3.09 0.00	71.75 4.61 -1.25	69.73 3.19 -25.01	55.24 4.06 -0.59	70.05 4.17 -13.72	61.58 4.35 -3.70	57.88 4.32 -1.75	58.34 4.29 -0.23	106.53 8.35 -0.62	107.46 8.70 -5.16	94.50 8.29 0.00	98.22 7.54 0.00	92.23 5.97 0.00	107.65 5.57 0.00	92.58 4.62 0.00	59.75 2.97 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	58.69 3.56 0.00	39.08 2.34 1.47	36.55 2.31 0.22	37.98 2.21 0.00	38.22 2.16 0.00	39.72 2.11 0.00	43.61 2.17 0.00	49.23 2.42 0.00	52.09 2.78 0.00	69.61 4.07 0.36	37.80 2.81 6.55	54.47 3.54 -0.33	65.65 3.69 -9.79	60.08 3.90 -2.65	57.01 3.95 -1.25	58.08 4.10 -0.16	106.37 8.37 -0.44	106.28 8.98 -3.69	95.09 8.88 0.00	99.09 8.42 0.00	93.07 6.81 0.00	108.56 6.48 0.00	93.15 5.19 0.00	59.89 3.12 0.00

KLAC_JFK_GT1 23816	58.78 3.65 0.00	45.68 2.65 -4.83	37.91 2.71 -0.74	38.41 2.63 0.00	38.67 2.62 0.00	40.20 2.58 0.00	44.06 2.62 0.00	49.76 2.95 0.00	52.81 3.50 0.00	72.33 5.23 -1.20	69.38 3.56 -24.27	55.53 4.35 -0.59	70.37 4.47 -13.73	61.92 4.68 -3.71	58.23 4.67 -1.75	58.73 4.68 -0.23	107.44 9.26 -0.62	108.50 9.56 -5.34	95.31 9.10 0.00	98.86 8.18 0.00	92.75 6.49 0.00	108.77 6.16 -0.53	93.22 5.27 0.00	60.18 3.41 0.00
KIAC_JFK_GT2 23817	58.78 3.65 0.00	45.68 2.65 -4.83	37.91 2.71 -0.74	38.41 2.63 0.00	38.67 2.62 0.00	40.20 2.58 0.00	44.06 2.62 0.00	49.76 2.95 0.00	52.81 3.50 0.00	72.33 5.23 -1.20	69.38 3.56 -24.27	55.53 4.35 -0.59	70.37 4.47 -13.73	61.92 4.68 -3.71	58.23 4.67 -1.75	58.73 4.68 -0.23	107.44 9.26 -0.62	108.50 9.56 -5.34	95.31 9.10 0.00	98.86 8.18 0.00	92.75 6.49 0.00	108.77 6.16 -0.53	93.22 5.27 0.00	60.18 3.41 0.00
KIAC_JFK____ 323774	58.78 3.66 0.00	45.69 2.65 -4.83	37.91 2.71 -0.74	38.41 2.63 0.00	38.67 2.62 0.00	40.19 2.58 0.00	44.06 2.62 0.00	49.76 2.95 0.00	52.81 3.50 0.00	72.33 5.23 -1.20	69.37 3.56 -24.27	55.54 4.35 -0.59	70.37 4.47 -13.73	61.92 4.68 -3.71	58.23 4.67 -1.75	58.73 4.68 -0.23	107.45 9.26 -0.62	108.51 9.56 -5.34	95.31 9.10 0.00	98.86 8.18 0.00	92.76 6.49 0.00	108.75 6.15 -0.53	93.22 5.27 0.00	60.16 3.39 0.00
KINTIGH__24_KV_GSU 356498	53.69 -1.43 0.00	37.21 -0.99 0.00	33.74 -0.71 0.00	34.89 -0.88 0.00	35.01 -1.04 0.00	36.58 -1.03 0.00	40.29 -1.14 0.00	45.55 -1.26 0.00	47.75 -1.56 0.00	64.10 -1.80 0.00	40.46 -1.08 0.00	49.29 -1.31 0.00	50.83 -1.33 0.00	52.29 -1.24 0.00	50.56 -1.25 0.00	53.09 -0.73 0.00	96.27 -1.29 0.00	92.87 -0.74 0.00	85.46 -0.75 0.00	89.46 -1.21 0.00	85.39 -0.87 0.00	100.79 -1.29 0.00	87.71 -0.25 0.00	56.41 -0.36 0.00
KINTIGH____ 23543	53.65 -1.47 0.00	37.18 -1.03 0.00	33.72 -0.74 0.00	34.87 -0.91 0.00	34.98 -1.07 0.00	36.55 -1.06 0.00	40.27 -1.17 0.00	45.51 -1.30 0.00	47.70 -1.61 0.00	64.03 -1.86 0.00	40.42 -1.12 0.00	49.24 -1.36 0.00	50.79 -1.37 0.00	52.24 -1.29 0.00	50.51 -1.30 0.00	53.04 -0.78 0.00	96.22 -1.35 0.00	92.77 -0.83 0.00	85.38 -0.83 0.00	89.39 -1.29 0.00	85.31 -0.95 0.00	100.68 -1.40 0.00	87.65 -0.31 0.00	56.36 -0.42 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	55.57 0.44 0.00	38.54 0.34 0.00	34.55 0.09 0.00	35.85 0.07 0.00	36.12 0.07 0.00	37.66 0.05 0.00	41.53 0.09 0.00	47.10 0.29 0.00	49.97 0.66 0.00	66.47 0.57 0.00	41.93 0.38 0.00	51.10 0.51 0.00	52.74 0.58 0.00	54.01 0.48 0.00	52.02 0.20 0.00	54.12 0.30 0.00	98.21 0.65 0.00	94.19 0.58 0.00	86.34 0.13 0.00	91.52 0.85 0.00	87.80 1.54 0.00	104.15 2.07 0.00	89.62 1.66 0.00	58.11 1.34 0.00
LACHUTE__HYDRO 323717	59.61 4.49 0.00	41.64 3.44 0.00	37.49 3.03 0.00	38.57 2.79 0.00	38.65 2.60 0.00	40.37 2.76 0.00	44.49 3.06 0.00	49.70 2.89 0.00	52.18 2.87 0.00	68.69 2.80 0.00	41.25 1.18 1.47	51.22 1.64 1.02	29.25 0.96 23.87	49.78 2.69 6.44	51.27 2.50 3.04	56.96 3.54 0.40	103.56 7.08 1.08	94.45 9.83 8.98	93.58 7.37 0.00	99.77 9.10 0.00	94.92 8.65 0.00	110.82 8.74 0.00	94.93 6.98 0.00	59.96 3.18 0.00
LAWRNCV__115KV_TB1 80681	55.65 0.53 0.00	38.57 0.37 0.00	34.58 0.13 0.00	36.00 0.22 0.00	36.26 0.21 0.00	37.85 0.23 0.00	41.72 0.28 0.00	47.33 0.52 0.00	49.96 0.65 0.00	66.49 0.59 0.00	41.98 0.44 0.00	51.10 0.50 0.00	52.71 0.55 0.00	53.90 0.37 0.00	51.94 0.13 0.00	53.75 -0.07 0.00	97.03 -0.53 0.00	92.88 -0.73 0.00	85.46 -0.75 0.00	90.84 0.16 0.00	87.50 1.23 0.00	104.15 2.07 0.00	89.81 1.86 0.00	58.12 1.35 0.00
LEDERLE____ 23769	58.77 3.64 0.00	32.87 2.41 7.75	35.68 2.42 1.19	38.11 2.33 0.00	38.37 2.32 0.00	39.88 2.27 0.00	43.77 2.33 0.00	49.43 2.62 0.00	52.41 3.10 0.00	68.61 4.63 1.92	8.37 3.23 36.41	55.32 4.17 -0.55	69.57 4.31 -13.09	61.61 4.55 -3.53	58.01 4.54 -1.67	58.59 4.55 -0.22	106.97 8.82 -0.59	107.71 9.18 -4.92	94.92 8.71 0.00	98.65 7.97 0.00	92.59 6.32 0.00	108.01 5.93 0.00	92.79 4.84 0.00	59.82 3.05 0.00
LIGHTHSE__115KV_TB6 355974	55.13 0.01 0.00	38.20 0.00 0.00	34.50 0.04 0.00	35.77 0.00 0.00	36.05 -0.01 0.00	37.63 0.02 0.00	41.41 -0.03 0.00	46.68 -0.13 0.00	49.11 -0.20 0.00	65.65 -0.24 0.00	41.12 -0.42 0.00	49.76 -0.83 0.00	51.30 -0.86 0.00	52.67 -0.86 0.00	50.84 -0.98 0.00	52.81 -1.00 0.00	95.89 -1.67 0.00	92.56 -1.05 0.00	86.10 -0.15 -0.04	91.91 0.41 -0.82	88.34 0.79 -1.29	107.83 0.75 -5.01	92.10 0.59 -3.55	57.06 0.24 -0.05
LINDEN COGEN____ 23786	58.60 3.47 0.00	42.73 2.35 -2.18	37.64 2.44 -0.74	38.15 2.37 0.00	38.41 2.36 0.00	39.92 2.30 0.00	43.77 2.34 0.00	49.44 2.64 0.00	52.46 3.15 0.00	71.88 4.78 -1.20	61.63 3.38 -16.71	55.45 4.26 -0.59	70.27 4.38 -13.73	61.80 4.56 -3.71	58.11 4.55 -1.75	58.51 4.47 -0.23	107.02 8.83 -0.62	107.99 9.22 -5.17	94.89 8.68 0.00	98.35 7.67 0.00	92.28 6.01 0.00	107.58 5.51 0.01	92.53 4.58 0.01	59.79 3.02 0.00
LINDHRST_69_KV_BK1 356055	59.70 4.57 0.00	46.48 3.48 -4.80	38.62 3.43 -0.74	39.06 3.28 0.00	39.26 3.21 0.00	40.78 3.17 0.00	44.85 3.41 0.00	50.88 4.07 0.00	54.16 4.85 0.00	86.72 6.88 -13.94	76.44 4.61 -30.29	60.13 5.67 -3.87	86.42 5.66 -28.60	85.70 5.90 -26.26	85.34 5.95 -27.58	60.18 5.57 -0.79	109.06 10.87 -0.62	108.97 10.38 -4.98	96.25 10.04 0.00	99.43 8.75 0.00	93.09 6.83 0.00	107.65 6.28 0.70	92.48 5.63 1.10	60.60 3.82 0.00
LIPA_MISC_IPP 23656	58.88 3.76 0.00	45.95 2.94 -4.80	38.15 2.95 -0.74	38.57 2.79 0.00	38.74 2.68 0.00	40.24 2.63 0.00	44.33 2.89 0.00	50.42 3.61 0.00	53.72 4.40 0.00	86.10 6.26 -13.94	75.58 4.14 -29.90	59.57 5.11 -3.87	85.91 5.15 -28.60	85.21 5.42 -26.26	86.94 5.39 -29.74	56.06 4.79 2.54	103.11 9.26 3.70	106.22 8.94 -3.67	95.00 8.79 0.00	97.97 7.30 0.00	91.75 5.49 0.00	105.68 4.60 0.99	86.29 3.97 5.63	55.66 2.62 3.74
LISF____SOLAR 323691	59.02 3.89 0.00	46.05 3.04 -4.80	38.24 3.04 -0.74	38.66 2.88 0.00	38.82 2.77 0.00	40.32 2.71 0.00	44.41 2.98 0.00	50.53 3.72 0.00	53.82 4.51 0.00	86.23 6.39 -13.94	75.65 4.21 -29.90	59.67 5.21 -3.87	86.02 5.26 -28.60	85.31 5.51 -26.26	87.16 5.45 -29.90	56.42 4.92 2.32	103.28 9.38 3.66	106.53 9.24 -3.68	95.34 9.13 0.00	98.34 7.66 0.00	92.09 5.83 0.00	105.96 4.89 1.01	86.06 3.81 5.71	55.54 2.46 3.69
LITTLE FALLS____HYD 24013	55.83 0.70 0.00	38.52 0.31 0.00	35.07 0.62 0.00	36.26 0.49 0.00	36.54 0.48 0.00	38.07 0.46 0.00	41.70 0.27 0.00	46.62 -0.19 0.00	48.98 -0.33 0.00	65.28 -0.62 0.00	40.74 -0.80 0.00	49.91 -0.68 0.00	51.18 -0.99 0.00	52.66 -0.88 0.00	50.81 -1.00 0.00	52.94 -0.88 0.00	96.48 -1.08 0.00	93.50 -0.10 0.00	87.70 1.49 0.00	93.19 2.51 0.00	88.50 2.24 0.00	104.04 1.97 0.00	89.06 1.10 0.00	57.04 0.26 0.00

LITTLRIV_115KV_TB1 356100	56.36 1.24 0.00	39.05 0.85 0.00	35.00 0.54 0.00	36.42 0.64 0.00	36.69 0.63 0.00	38.29 0.68 0.00	42.20 0.76 0.00	47.85 1.04 0.00	50.41 1.10 0.00	67.03 1.13 0.00	42.15 0.60 0.00	51.41 0.81 0.00	53.01 0.84 0.00	54.09 0.56 0.00	52.09 0.28 0.00	53.81 -0.01 0.00	97.16 -0.41 0.00	93.00 -0.61 0.00	85.53 -0.68 0.00	91.41 0.73 0.00	88.69 2.43 0.00	105.78 3.70 0.00	91.12 3.16 0.00	58.92 2.15 0.00
LI_NEWBRDGE___DRP 323616	58.69 3.56 0.00	45.72 2.71 -4.80	37.92 2.72 -0.74	38.39 2.61 0.00	38.61 2.55 0.00	40.12 2.50 0.00	44.10 2.66 0.00	49.97 3.16 0.00	53.12 3.80 0.00	85.28 5.44 -13.94	74.85 3.68 -29.62	59.00 4.54 -3.87	85.36 4.59 -28.60	84.53 4.74 -26.26	82.75 4.70 -26.23	51.23 4.34 6.93	100.10 8.81 6.28	104.92 8.45 -2.86	94.39 8.18 0.00	97.62 6.94 0.00	91.52 5.25 0.00	105.69 4.51 0.90	86.65 4.23 5.53	53.54 2.91 6.14
LOCKPORT_115KV_TB60_63_64 80432	53.23 -1.89 0.00	36.90 -1.30 0.00	33.47 -0.99 0.00	34.58 -1.20 0.00	34.66 -1.40 0.00	36.23 -1.39 0.00	39.90 -1.54 0.00	45.09 -1.71 0.00	47.17 -2.14 0.00	63.37 -2.53 0.00	40.07 -1.48 0.00	48.80 -1.80 0.00	50.32 -1.85 0.00	51.76 -1.76 0.00	50.03 -1.78 0.00	52.63 -1.19 0.00	95.39 -2.18 0.00	92.16 -1.45 0.00	84.86 -1.35 0.00	88.97 -1.71 0.00	85.12 -1.15 0.00	100.40 -1.68 0.00	87.69 -0.26 0.00	56.28 -0.49 0.00
LOCKPORT___CC1 323769	53.22 -1.91 0.00	36.90 -1.30 0.00	33.47 -0.99 0.00	34.57 -1.20 0.00	34.65 -1.40 0.00	36.23 -1.38 0.00	39.90 -1.54 0.00	45.10 -1.71 0.00	47.17 -2.14 0.00	63.37 -2.52 0.00	40.08 -1.46 0.00	48.82 -1.78 0.00	50.32 -1.85 0.00	51.76 -1.77 0.00	50.04 -1.77 0.00	52.63 -1.19 0.00	95.34 -2.22 0.00	92.17 -1.44 0.00	84.82 -1.39 0.00	88.89 -1.79 0.00	85.03 -1.23 0.00	100.33 -1.75 0.00	87.61 -0.34 0.00	56.26 -0.51 0.00
LOCKPORT___CC2 323770	53.22 -1.91 0.00	36.90 -1.30 0.00	33.47 -0.99 0.00	34.57 -1.20 0.00	34.65 -1.40 0.00	36.23 -1.38 0.00	39.90 -1.54 0.00	45.10 -1.71 0.00	47.17 -2.14 0.00	63.37 -2.52 0.00	40.08 -1.46 0.00	48.82 -1.78 0.00	50.32 -1.85 0.00	51.76 -1.77 0.00	50.04 -1.77 0.00	52.63 -1.19 0.00	95.34 -2.22 0.00	92.17 -1.44 0.00	84.82 -1.39 0.00	88.89 -1.79 0.00	85.03 -1.23 0.00	100.33 -1.75 0.00	87.61 -0.34 0.00	56.26 -0.51 0.00
LOCKPORT___CC3 323771	53.22 -1.91 0.00	36.90 -1.30 0.00	33.47 -0.99 0.00	34.57 -1.20 0.00	34.65 -1.40 0.00	36.23 -1.38 0.00	39.90 -1.54 0.00	45.10 -1.71 0.00	47.17 -2.14 0.00	63.37 -2.52 0.00	40.08 -1.46 0.00	48.82 -1.78 0.00	50.32 -1.85 0.00	51.76 -1.77 0.00	50.04 -1.77 0.00	52.63 -1.19 0.00	95.34 -2.22 0.00	92.17 -1.44 0.00	84.82 -1.39 0.00	88.89 -1.79 0.00	85.03 -1.23 0.00	100.33 -1.75 0.00	87.61 -0.34 0.00	56.26 -0.51 0.00
LOCUSVLY_69_KV_BK2 55797	59.30 4.17 0.00	46.09 3.08 -4.80	38.28 3.08 -0.74	38.74 2.97 0.00	38.96 2.91 0.00	40.48 2.87 0.00	44.48 3.05 0.00	50.41 3.60 0.00	53.61 4.30 0.00	86.03 6.19 -13.94	76.58 4.23 -30.81	59.77 5.31 -3.87	86.21 5.45 -28.60	85.46 5.67 -26.26	85.47 5.59 -28.08	65.25 5.25 -6.19	113.40 10.39 -5.45	110.36 10.28 -6.48	96.00 9.78 0.00	99.32 8.64 0.00	93.12 6.86 0.00	108.11 6.30 0.27	97.66 5.56 -4.15	65.06 3.67 -4.61
LONG_LAKE_PHOENIX 24014	54.22 -0.90 0.00	37.62 -0.58 0.00	34.00 -0.46 0.00	35.23 -0.54 0.00	35.47 -0.58 0.00	36.99 -0.62 0.00	40.72 -0.72 0.00	45.91 -0.89 0.00	48.30 -1.01 0.00	64.54 -1.35 0.00	40.52 -1.02 0.00	49.23 -1.37 0.00	50.78 -1.39 0.00	52.22 -1.31 0.00	50.56 -1.25 0.00	52.60 -1.22 0.00	95.56 -2.00 0.00	91.95 -1.66 0.00	85.15 -1.11 -0.06	90.75 -1.19 -1.27	87.07 -1.19 -2.00	108.04 -1.76 -7.72	91.96 -1.47 -5.48	55.78 -1.07 -0.07
LOVETT___3 23632	58.32 3.20 0.00	32.12 2.14 8.22	35.39 2.19 1.26	37.88 2.10 0.00	38.13 2.08 0.00	39.65 2.04 0.00	43.50 2.07 0.00	49.12 2.31 0.00	52.09 2.78 0.00	68.01 4.15 2.04	5.76 2.90 38.67	54.88 3.73 -0.56	69.21 3.83 -13.22	61.11 4.01 -3.57	57.46 3.97 -1.68	57.97 3.92 -0.22	105.79 7.63 -0.60	106.60 8.01 -4.97	93.86 7.65 0.00	97.57 6.89 0.00	91.63 5.37 0.00	106.92 4.85 0.00	91.93 3.98 0.00	59.33 2.55 0.00
LOVETT___4 23642	58.32 3.20 0.00	32.12 2.14 8.22	35.39 2.19 1.26	37.88 2.10 0.00	38.13 2.08 0.00	39.65 2.04 0.00	43.50 2.07 0.00	49.12 2.31 0.00	52.09 2.78 0.00	68.01 4.15 2.04	5.76 2.90 38.67	54.88 3.73 -0.56	69.21 3.83 -13.22	61.11 4.01 -3.57	57.46 3.97 -1.68	57.97 3.92 -0.22	105.79 7.63 -0.60	106.60 8.01 -4.97	93.86 7.65 0.00	97.57 6.89 0.00	91.63 5.37 0.00	106.92 4.85 0.00	91.93 3.98 0.00	59.33 2.55 0.00
LOVETT___5 23593	58.32 3.20 0.00	32.12 2.14 8.22	35.39 2.19 1.26	37.88 2.10 0.00	38.13 2.08 0.00	39.65 2.04 0.00	43.50 2.07 0.00	49.12 2.31 0.00	52.09 2.78 0.00	68.01 4.15 2.04	5.76 2.90 38.67	54.88 3.73 -0.56	69.21 3.83 -13.22	61.11 4.01 -3.57	57.46 3.97 -1.68	57.97 3.92 -0.22	105.79 7.63 -0.60	106.60 8.01 -4.97	93.86 7.65 0.00	97.57 6.89 0.00	91.63 5.37 0.00	106.92 4.85 0.00	91.93 3.98 0.00	59.33 2.55 0.00
LOWER RAQUET___HYD 24057	55.72 0.60 0.00	38.62 0.41 0.00	34.63 0.17 0.00	36.03 0.26 0.00	36.30 0.24 0.00	37.89 0.27 0.00	41.75 0.31 0.00	47.37 0.57 0.00	50.00 0.69 0.00	66.54 0.64 0.00	41.97 0.43 0.00	51.09 0.50 0.00	52.70 0.54 0.00	53.88 0.35 0.00	51.90 0.09 0.00	53.71 -0.11 0.00	97.02 -0.54 0.00	92.87 -0.74 0.00	85.47 -0.74 0.00	90.96 0.28 0.00	87.72 1.46 0.00	104.43 2.35 0.00	90.00 2.05 0.00	58.23 1.46 0.00
LOWER___HUDSON 24059	56.99 1.86 0.00	39.41 1.21 0.00	35.85 1.39 0.00	37.10 1.32 0.00	37.49 1.43 0.00	39.07 1.45 0.00	42.79 1.35 0.00	48.06 1.26 0.00	50.82 1.51 0.00	67.81 1.92 0.00	40.39 1.04 2.19	50.39 1.32 1.52	18.01 1.30 35.45	45.38 1.42 9.56	48.62 1.32 4.51	54.64 1.41 0.59	98.64 2.69 1.61	83.58 3.31 13.33	89.48 3.27 0.00	94.35 3.67 0.00	89.17 2.91 0.00	104.87 2.79 0.00	90.37 2.42 0.00	58.04 1.27 0.00
LOWVILLE_115KV_TB2 356335	56.57 1.44 0.00	39.10 0.89 0.00	35.29 0.83 0.00	36.61 0.84 0.00	36.96 0.91 0.00	38.67 1.06 0.00	42.45 1.01 0.00	47.91 1.10 0.00	50.59 1.28 0.00	67.53 1.64 0.00	42.35 0.81 0.00	51.16 0.57 0.00	52.78 0.62 0.00	53.94 0.40 0.00	52.03 0.22 0.00	54.09 0.27 0.00	98.03 0.47 0.00	94.70 1.10 0.00	88.29 2.08 -0.01	94.46 3.57 -0.21	90.94 4.34 -0.33	108.56 5.20 -1.28	92.80 3.94 -0.90	59.01 2.23 -0.01
LUTHERFT_115KV_GLOB_FND_222 355753	57.81 2.68 0.00	39.94 1.73 0.00	36.24 1.79 0.00	37.50 1.72 0.00	37.81 1.76 0.00	39.38 1.77 0.00	43.22 1.78 0.00	48.53 1.72 0.00	51.17 1.86 0.00	68.28 2.38 0.00	41.23 1.30 1.61	51.20 1.72 1.12	27.83 1.68 26.01	48.37 1.86 7.02	50.24 1.73 3.31	55.30 1.91 0.43	100.15 3.77 1.18	88.32 4.49 9.78	90.85 4.64 0.00	95.90 5.22 0.00	90.75 4.49 0.00	106.64 4.56 0.00	91.74 3.78 0.00	58.87 2.09 0.00

LUTHERNY_35_KV_BK2 355980	57.86 2.74 0.00	39.90 1.70 0.00	36.24 1.78 0.00	37.49 1.72 0.00	37.81 1.75 0.00	39.37 1.76 0.00	43.25 1.81 0.00	48.56 1.76 0.00	51.18 1.87 0.00	68.26 2.37 0.00	41.25 1.31 1.61	51.24 1.76 1.12	27.87 1.72 26.01	48.37 1.85 7.02	50.29 1.79 3.31	55.38 1.99 0.43	100.27 3.89 1.18	88.48 4.66 9.78	90.96 4.75 0.00	96.11 5.43 0.00	90.75 4.49 0.00	106.66 4.58 0.00	91.75 3.79 0.00	58.85 2.08 0.00
LWR___OSWEGATCHIE_HYD 23850	56.09 0.96 0.00	38.81 0.61 0.00	34.92 0.46 0.00	36.28 0.50 0.00	36.58 0.53 0.00	38.22 0.61 0.00	42.03 0.60 0.00	47.50 0.69 0.00	50.13 0.82 0.00	66.84 0.95 0.00	42.00 0.46 0.00	50.87 0.27 0.00	52.50 0.33 0.00	53.70 0.17 0.00	51.72 -0.09 0.00	53.64 -0.18 0.00	97.05 -0.51 0.00	93.39 -0.21 0.00	86.61 0.39 -0.01	92.57 1.70 -0.19	89.31 2.74 -0.30	106.87 3.62 -1.17	91.71 2.92 -0.83	58.58 1.79 -0.01
LYONS_FALL_HYD 23570	56.53 1.40 0.00	39.08 0.88 0.00	35.29 0.83 0.00	36.61 0.83 0.00	36.93 0.87 0.00	38.57 0.96 0.00	42.38 0.94 0.00	47.83 1.02 0.00	50.47 1.15 0.00	67.39 1.49 0.00	42.34 0.79 0.00	51.32 0.73 0.00	52.91 0.75 0.00	54.18 0.65 0.00	52.32 0.51 0.00	54.35 0.53 0.00	98.59 1.03 0.00	95.14 1.54 0.00	88.48 2.26 -0.01	94.16 3.35 -0.13	90.23 3.76 -0.21	107.25 4.36 -0.81	91.84 3.31 -0.57	58.66 1.88 -0.01
MADISON___COUNTY_LFGE 323628	56.64 1.51 0.00	39.20 0.99 0.00	35.41 0.95 0.00	36.69 0.91 0.00	36.95 0.90 0.00	38.53 0.92 0.00	42.40 0.96 0.00	47.81 1.00 0.00	50.32 1.01 0.00	67.16 1.27 0.00	42.23 0.69 0.00	51.44 0.84 0.00	53.00 0.84 0.00	54.41 0.87 0.00	52.66 0.84 0.00	54.71 0.89 0.00	99.46 1.90 0.00	95.87 2.26 0.00	88.93 2.73 0.00	94.04 3.36 0.00	89.53 3.26 0.00	105.63 3.56 0.00	90.74 2.79 0.00	58.33 1.55 0.00
MALONE___115KV_TB1 356076	55.49 0.36 0.00	38.45 0.24 0.00	34.44 -0.02 0.00	35.80 0.02 0.00	36.07 0.02 0.00	37.62 0.01 0.00	41.53 0.09 0.00	47.13 0.33 0.00	49.93 0.62 0.00	66.52 0.63 0.00	41.90 0.36 0.00	51.19 0.59 0.00	52.79 0.62 0.00	53.99 0.46 0.00	51.98 0.17 0.00	53.88 0.06 0.00	97.59 0.03 0.00	93.52 -0.09 0.00	85.89 -0.32 0.00	91.24 0.57 0.00	87.82 1.55 0.00	104.24 2.16 0.00	89.72 1.77 0.00	58.11 1.33 0.00
MAPLEWOD_115KV_TB3 80458	56.64 1.51 0.00	39.21 1.00 0.00	35.56 1.10 0.00	36.80 1.02 0.00	37.07 1.01 0.00	38.61 1.00 0.00	42.31 0.87 0.00	47.67 0.86 0.00	50.30 0.99 0.00	67.28 1.39 0.00	41.51 0.93 0.97	51.15 1.23 0.67	37.73 1.24 15.67	50.63 1.33 4.23	51.14 1.33 1.99	54.96 1.40 0.26	99.80 2.95 0.71	90.99 3.28 5.90	89.67 3.46 0.00	94.05 3.37 0.00	88.98 2.72 0.00	104.45 2.37 0.00	89.86 1.91 0.00	57.84 1.06 0.00
MAPLE_RIDGE_WT_1 323574	54.79 -0.33 0.00	37.99 -0.22 0.00	34.29 -0.17 0.00	35.63 -0.14 0.00	35.94 -0.12 0.00	37.53 -0.08 0.00	41.33 -0.11 0.00	46.75 -0.06 0.00	49.31 0.00 0.00	65.90 0.00 0.00	41.55 0.01 0.00	50.56 -0.04 0.00	52.14 -0.03 0.00	53.42 -0.10 0.00	51.67 -0.14 0.00	53.67 -0.15 0.00	97.34 -0.21 0.00	93.37 -0.23 0.00	85.97 -0.24 0.00	90.59 -0.09 0.00	86.28 0.02 0.00	102.17 0.09 0.00	87.99 0.04 0.00	56.79 0.01 0.00
MAPLE_RIDGE_WT_2 323611	54.79 -0.33 0.00	37.99 -0.22 0.00	34.29 -0.17 0.00	35.63 -0.14 0.00	35.94 -0.12 0.00	37.53 -0.08 0.00	41.33 -0.11 0.00	46.75 -0.06 0.00	49.31 0.00 0.00	65.90 0.00 0.00	41.55 0.01 0.00	50.56 -0.04 0.00	52.14 -0.03 0.00	53.42 -0.10 0.00	51.67 -0.14 0.00	53.67 -0.15 0.00	97.34 -0.21 0.00	93.37 -0.23 0.00	85.97 -0.24 0.00	90.59 -0.09 0.00	86.28 0.02 0.00	102.17 0.09 0.00	87.99 0.04 0.00	56.79 0.01 0.00
MARBLE_RIVER_WT_PWR 323696	54.84 -0.29 0.00	38.06 -0.14 0.00	34.10 -0.36 0.00	35.42 -0.36 0.00	35.73 -0.32 0.00	37.26 -0.35 0.00	41.11 -0.33 0.00	46.63 -0.18 0.00	49.42 0.11 0.00	65.81 -0.09 0.00	41.53 -0.01 0.00	50.62 0.03 0.00	52.30 0.13 0.00	53.53 0.00 0.00	51.52 -0.30 0.00	53.38 -0.44 0.00	96.84 -0.72 0.00	92.80 -0.80 0.00	85.15 -1.06 0.00	90.35 -0.33 0.00	86.63 0.36 0.00	102.87 0.79 0.00	88.51 0.55 0.00	57.29 0.52 0.00
MARSHVLE_115KV_TB1 80742	58.12 2.99 0.00	40.19 1.99 0.00	36.24 1.78 0.00	37.63 1.85 0.00	37.73 1.68 0.00	39.38 1.76 0.00	43.29 1.86 0.00	48.75 1.95 0.00	51.16 1.85 0.00	68.38 2.48 0.00	42.04 1.32 0.83	51.57 1.55 0.57	40.21 1.41 13.37	51.19 1.27 3.61	51.35 1.24 1.70	54.79 1.19 0.22	99.09 2.14 0.61	91.02 2.44 5.03	89.23 3.03 0.00	95.36 4.68 0.00	91.87 5.60 0.00	108.94 6.86 0.00	94.00 6.05 0.00	60.51 3.73 0.00
MARSH_HILL_WT_PWR 323713	55.15 0.02 0.00	38.30 0.09 0.00	34.74 0.28 0.00	35.79 0.01 0.00	35.82 -0.23 0.00	37.39 -0.22 0.00	41.41 -0.03 0.00	46.55 -0.26 0.00	48.42 -0.89 0.00	64.86 -1.04 0.00	40.81 -0.73 0.00	49.61 -0.99 0.00	51.19 -0.98 0.00	52.57 -0.96 0.00	50.95 -0.86 0.00	53.44 -0.38 0.00	97.29 -0.27 0.00	94.10 0.50 0.00	87.61 1.40 0.00	92.60 1.92 0.00	88.60 2.33 0.00	104.55 2.47 0.00	90.38 2.42 0.00	58.24 1.47 0.00
MCINTYRE_115KV_TB2 80467	56.53 1.40 0.00	39.17 0.97 0.00	35.09 0.63 0.00	36.52 0.74 0.00	36.78 0.73 0.00	38.38 0.77 0.00	42.32 0.88 0.00	47.99 1.19 0.00	50.48 1.18 0.00	67.13 1.23 0.00	42.21 0.66 0.00	51.48 0.89 0.00	53.14 0.98 0.00	54.19 0.66 0.00	52.15 0.34 0.00	53.87 0.05 0.00	97.22 -0.34 0.00	92.94 -0.66 0.00	85.43 -0.78 0.00	91.35 0.67 0.00	88.81 2.55 0.00	106.06 3.98 0.00	91.37 3.41 0.00	59.07 2.30 0.00
MECO_____69_KV_BK1 80468	58.78 3.66 0.00	40.62 2.41 0.00	36.67 2.21 0.00	38.00 2.23 0.00	38.16 2.11 0.00	39.78 2.17 0.00	43.64 2.20 0.00	48.78 1.97 0.00	51.33 2.02 0.00	68.36 2.47 0.00	41.84 1.20 0.91	51.45 1.48 0.63	38.69 1.20 14.67	50.84 1.27 3.96	51.08 1.13 1.87	54.58 1.01 0.24	98.56 1.67 0.67	90.50 2.42 5.52	89.94 3.73 0.00	96.65 5.97 0.00	92.97 6.71 0.00	109.88 7.80 0.00	94.61 6.65 0.00	60.76 3.98 0.00
MENANDS___115KV_TB5 355628	56.22 1.10 0.00	38.94 0.73 0.00	35.33 0.87 0.00	36.57 0.79 0.00	36.85 0.80 0.00	38.39 0.78 0.00	42.06 0.63 0.00	47.39 0.58 0.00	50.02 0.71 0.00	66.90 1.01 0.00	41.32 0.73 0.95	50.91 0.97 0.66	37.77 0.98 15.37	50.44 1.05 4.15	50.92 1.06 1.96	54.66 1.10 0.26	99.28 2.41 0.70	90.52 2.69 5.78	89.05 2.84 0.00	93.34 2.66 0.00	88.28 2.01 0.00	103.58 1.50 0.00	89.15 1.20 0.00	57.42 0.65 0.00
MG INDUSTRY___DRP 24185	56.33 1.20 0.00	39.03 0.82 0.00	35.41 0.95 0.00	36.70 0.92 0.00	36.99 0.93 0.00	38.53 0.92 0.00	42.23 0.80 0.00	47.39 0.59 0.00	49.93 0.62 0.00	66.71 0.81 0.00	41.64 0.57 0.48	50.98 0.72 0.33	45.34 0.74 7.57	52.26 0.77 2.04	51.61 0.76 0.96	54.46 0.77 0.13	98.97 1.75 0.34	92.71 1.95 2.85	88.55 2.34 0.00	93.12 2.44 0.00	88.33 2.06 0.00	103.78 1.70 0.00	89.39 1.44 0.00	57.64 0.87 0.00

MID___OSWEGATCHIE_HYD 23849	56.09 0.96 0.00	38.81 0.61 0.00	34.92 0.46 0.00	36.28 0.50 0.00	36.58 0.53 0.00	38.22 0.61 0.00	42.03 0.60 0.00	47.50 0.69 0.00	50.13 0.82 0.00	66.84 0.95 0.00	42.00 0.46 0.00	50.87 0.27 0.00	52.50 0.33 0.00	53.70 0.17 0.00	51.72 -0.09 0.00	53.64 -0.18 0.00	97.05 -0.51 0.00	93.39 -0.21 0.00	86.61 0.39 -0.01	92.57 1.70 -0.19	89.31 2.74 -0.30	106.87 3.62 -1.17	91.71 2.92 -0.83	58.58 1.79 -0.01
MID___RAQUETTE_HYD 23851	55.72 0.59 0.00	38.62 0.41 0.00	34.63 0.17 0.00	36.03 0.26 0.00	36.30 0.24 0.00	37.88 0.27 0.00	41.75 0.31 0.00	47.37 0.57 0.00	50.00 0.68 0.00	66.54 0.64 0.00	41.98 0.43 0.00	51.09 0.50 0.00	52.70 0.54 0.00	53.88 0.34 0.00	51.90 0.09 0.00	53.71 -0.11 0.00	97.02 -0.54 0.00	92.87 -0.74 0.00	85.47 -0.74 0.00	90.96 0.28 0.00	87.72 1.46 0.00	104.43 2.35 0.00	90.00 2.05 0.00	58.23 1.46 0.00
MILLIKEN___1 23584	55.97 0.84 0.00	38.76 0.56 0.00	35.12 0.66 0.00	36.31 0.53 0.00	36.59 0.53 0.00	38.13 0.52 0.00	42.00 0.57 0.00	47.25 0.44 0.00	49.57 0.26 0.00	66.18 0.28 0.00	41.61 0.06 0.00	50.57 -0.03 0.00	52.04 -0.13 0.00	53.37 -0.16 0.00	51.88 0.06 0.00	54.11 0.29 0.00	98.60 1.04 0.00	95.14 1.53 0.00	88.36 2.14 -0.01	93.44 2.62 -0.14	89.10 2.61 -0.22	105.56 2.61 -0.87	90.69 2.12 -0.62	57.94 1.16 -0.01
MILLIKEN___2 23585	55.97 0.84 0.00	38.76 0.56 0.00	35.12 0.66 0.00	36.31 0.53 0.00	36.59 0.53 0.00	38.13 0.52 0.00	42.00 0.57 0.00	47.25 0.44 0.00	49.57 0.26 0.00	66.18 0.28 0.00	41.61 0.06 0.00	50.57 -0.03 0.00	52.04 -0.13 0.00	53.37 -0.16 0.00	51.88 0.06 0.00	54.11 0.29 0.00	98.60 1.04 0.00	95.14 1.53 0.00	88.36 2.14 -0.01	93.44 2.62 -0.14	89.10 2.61 -0.22	105.56 2.61 -0.87	90.69 2.12 -0.62	57.94 1.16 -0.01
MILLIKEN___DIESEL 23629	55.97 0.84 0.00	38.76 0.56 0.00	35.12 0.66 0.00	36.31 0.53 0.00	36.59 0.53 0.00	38.13 0.52 0.00	42.00 0.57 0.00	47.25 0.44 0.00	49.57 0.26 0.00	66.18 0.28 0.00	41.61 0.06 0.00	50.57 -0.03 0.00	52.04 -0.13 0.00	53.37 -0.16 0.00	51.88 0.06 0.00	54.11 0.29 0.00	98.60 1.04 0.00	95.14 1.53 0.00	88.36 2.14 -0.01	93.44 2.62 -0.14	89.10 2.61 -0.22	105.56 2.61 -0.87	90.69 2.12 -0.62	57.94 1.16 -0.01
MILLSEAT___LFGE 323607	54.56 -0.56 0.00	37.77 -0.43 0.00	34.21 -0.25 0.00	35.33 -0.45 0.00	35.42 -0.63 0.00	37.01 -0.60 0.00	40.74 -0.69 0.00	45.95 -0.85 0.00	47.98 -1.33 0.00	64.35 -1.55 0.00	40.65 -0.89 0.00	49.51 -1.09 0.00	51.09 -1.07 0.00	52.63 -0.91 0.00	50.91 -0.90 0.00	53.58 -0.24 0.00	97.27 -0.29 0.00	94.31 0.70 0.00	87.12 0.91 0.00	91.69 1.02 0.00	87.82 1.56 0.00	103.52 1.45 0.00	90.04 2.08 0.00	57.66 0.89 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	58.42 3.29 0.00	45.53 2.23 -5.09	37.54 2.30 -0.78	37.99 2.21 0.00	38.26 2.21 0.00	39.78 2.17 0.00	43.64 2.21 0.00	49.27 2.47 0.00	52.25 2.94 0.00	71.53 4.37 -1.26	69.85 3.02 -25.29	55.05 3.87 -0.59	69.80 3.97 -13.66	61.37 4.15 -3.69	57.67 4.12 -1.74	58.16 4.11 -0.23	106.19 8.01 -0.62	107.11 8.36 -5.14	94.19 7.98 0.00	97.92 7.25 0.00	91.98 5.71 0.00	107.38 5.30 0.00	92.33 4.37 0.00	59.58 2.80 0.00
MILLWOOD_13_KV_LOAD 356217	58.53 3.40 0.00	45.60 2.31 -5.09	37.60 2.36 -0.78	38.05 2.27 0.00	38.31 2.26 0.00	39.83 2.22 0.00	43.71 2.28 0.00	49.35 2.54 0.00	52.33 3.02 0.00	71.63 4.47 -1.26	69.94 3.10 -25.29	55.15 3.97 -0.59	69.92 4.09 -13.66	61.49 4.27 -3.69	57.81 4.26 -1.74	58.28 4.24 -0.23	106.43 8.25 -0.62	107.36 8.61 -5.14	94.42 8.21 0.00	98.19 7.51 0.00	92.22 5.96 0.00	107.61 5.54 0.00	92.52 4.56 0.00	59.69 2.91 0.00
MODEL_CITY_ENERGY 24167	52.72 -2.41 0.00	36.55 -1.66 0.00	33.16 -1.29 0.00	34.26 -1.52 0.00	34.34 -1.72 0.00	35.91 -1.70 0.00	39.57 -1.87 0.00	44.73 -2.08 0.00	46.78 -2.53 0.00	62.87 -3.03 0.00	39.77 -1.77 0.00	48.42 -2.18 0.00	49.89 -2.27 0.00	51.33 -2.20 0.00	49.59 -2.22 0.00	52.14 -1.68 0.00	94.36 -3.20 0.00	91.24 -2.37 0.00	83.92 -2.29 0.00	87.91 -2.77 0.00	84.09 -2.17 0.00	99.21 -2.86 0.00	86.73 -1.22 0.00	55.68 -1.10 0.00
MODERN_LFGE___ 323580	52.72 -2.41 0.00	36.55 -1.66 0.00	33.16 -1.29 0.00	34.26 -1.52 0.00	34.34 -1.72 0.00	35.91 -1.70 0.00	39.57 -1.87 0.00	44.73 -2.08 0.00	46.78 -2.53 0.00	62.87 -3.03 0.00	39.77 -1.77 0.00	48.42 -2.18 0.00	49.89 -2.27 0.00	51.33 -2.20 0.00	49.59 -2.22 0.00	52.14 -1.68 0.00	94.36 -3.20 0.00	91.24 -2.37 0.00	83.92 -2.29 0.00	87.91 -2.77 0.00	84.09 -2.17 0.00	99.21 -2.86 0.00	86.73 -1.22 0.00	55.68 -1.10 0.00
MOHAWK_PAPER___DRP 24187	56.64 1.51 0.00	39.21 1.00 0.00	35.56 1.10 0.00	36.80 1.02 0.00	37.07 1.01 0.00	38.61 1.00 0.00	42.31 0.87 0.00	47.67 0.86 0.00	50.30 0.99 0.00	67.28 1.39 0.00	41.51 0.93 0.97	51.15 1.23 0.67	37.73 1.24 15.67	50.63 1.33 4.23	51.14 1.33 1.99	54.96 1.40 0.26	99.80 2.95 0.71	90.99 3.28 5.90	89.67 3.46 0.00	94.05 3.37 0.00	88.98 2.72 0.00	104.45 2.37 0.00	89.86 1.91 0.00	57.84 1.06 0.00
MOHICAN___35_KV_115KV_LD 80490	58.04 2.91 0.00	40.10 1.90 0.00	36.36 1.90 0.00	37.58 1.80 0.00	37.87 1.82 0.00	39.44 1.83 0.00	43.29 1.85 0.00	48.57 1.76 0.00	51.18 1.87 0.00	68.25 2.36 0.00	41.08 1.12 1.58	51.03 1.53 1.10	28.02 1.39 25.54	48.29 1.65 6.89	49.99 1.42 3.25	55.05 1.66 0.43	99.84 3.44 1.16	88.38 4.38 9.61	90.94 4.73 0.00	96.19 5.51 0.00	91.23 4.97 0.00	107.11 5.03 0.00	91.94 3.98 0.00	58.89 2.11 0.00
MONGAUP___HYD 23641	58.60 3.48 0.00	35.49 2.29 5.00	35.98 2.29 0.77	37.98 2.20 0.00	38.22 2.17 0.00	39.74 2.13 0.00	43.74 2.31 0.00	49.11 2.30 0.00	51.74 2.43 0.00	68.00 3.35 1.24	20.34 2.10 23.30	53.81 2.70 -0.51	67.11 2.79 -12.15	59.74 2.93 -3.28	56.31 2.95 -1.55	57.06 3.04 -0.20	104.62 6.51 -0.55	105.46 7.28 -4.57	93.80 7.59 0.00	98.41 7.73 0.00	92.82 6.55 0.00	108.45 6.37 0.00	93.13 5.17 0.00	59.88 3.11 0.00
MONTAUK___DIESEL 23721	58.84 3.71 0.00	45.74 2.73 -4.80	37.95 2.76 -0.74	38.31 2.53 0.00	38.48 2.42 0.00	40.05 2.44 0.00	44.73 3.29 0.00	51.64 4.83 0.00	55.54 6.23 0.00	89.42 9.58 -13.94	77.67 6.22 -29.90	62.19 7.72 -3.87	88.79 8.03 -28.60	87.90 8.11 -26.26	88.99 7.38 -29.80	58.06 6.70 2.46	106.89 13.02 3.69	109.64 12.36 -3.67	97.63 11.42 0.00	100.33 9.66 0.00	95.93 9.66 0.00	110.27 9.19 1.00	90.32 8.02 5.66	58.55 5.50 3.72
MOONROAD_115KV_HARTFLD_TB1-2 355988	55.20 0.07 0.00	38.09 -0.11 0.00	34.49 0.03 0.00	35.58 -0.20 0.00	35.74 -0.31 0.00	37.31 -0.30 0.00	41.19 -0.24 0.00	46.52 -0.29 0.00	48.68 -0.63 0.00	65.43 -0.47 0.00	41.28 -0.26 0.00	50.52 -0.07 0.00	52.31 0.15 0.00	53.78 0.25 0.00	52.28 0.47 0.00	55.04 1.22 0.00	100.27 2.71 0.00	96.61 3.00 0.00	89.19 2.98 0.00	93.23 2.55 0.00	88.89 2.63 0.00	105.00 2.92 0.00	91.09 3.14 0.00	58.41 1.64 0.00

MORRIS_RIDGE___SOLAR 323848	54.27 -0.86 0.00	37.63 -0.58 0.00	34.10 -0.36 0.00	35.18 -0.60 0.00	35.30 -0.75 0.00	36.82 -0.80 0.00	40.61 -0.83 0.00	45.56 -1.25 0.00	47.46 -1.85 0.00	63.62 -2.28 0.00	40.08 -1.47 0.00	48.73 -1.87 0.00	50.26 -1.91 0.00	51.59 -1.94 0.00	50.03 -1.78 0.00	52.49 -1.33 0.00	95.46 -2.10 0.00	92.16 -1.45 0.00	85.58 -0.63 0.00	90.46 -0.22 0.00	86.71 0.45 0.00	102.37 0.29 0.00	88.75 0.79 0.00	57.16 0.39 0.00
MORTIMER_115KV_TB3 55949	54.67 -0.45 0.00	37.86 -0.34 0.00	34.27 -0.19 0.00	35.43 -0.35 0.00	35.58 -0.47 0.00	37.16 -0.45 0.00	40.89 -0.55 0.00	46.16 -0.65 0.00	48.44 -0.87 0.00	64.99 -0.91 0.00	41.00 -0.55 0.00	49.94 -0.66 0.00	51.57 -0.60 0.00	53.10 -0.43 0.00	51.39 -0.42 0.00	53.87 0.05 0.00	97.86 0.30 0.00	94.46 0.86 0.00	87.17 0.96 0.00	91.49 0.81 0.00	87.17 0.90 0.00	102.72 0.65 0.00	88.92 0.97 0.00	57.13 0.36 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	58.87 3.75 0.00	45.59 2.57 -4.82	37.82 2.63 -0.74	38.33 2.55 0.00	38.60 2.54 0.00	40.10 2.49 0.00	44.01 2.57 0.00	49.70 2.89 0.00	52.74 3.43 0.00	72.19 5.10 -1.19	69.07 3.55 -23.97	55.66 4.48 -0.59	70.49 4.59 -13.73	62.01 4.77 -3.71	58.31 4.75 -1.75	58.76 4.72 -0.23	107.34 9.15 -0.62	108.29 9.52 -5.17	95.21 9.00 0.00	98.85 8.17 0.00	92.79 6.53 0.00	108.25 6.18 0.00	93.12 5.17 0.00	60.13 3.36 0.00
MUNSVILLE_WIND_PWR 323609	58.44 3.31 0.00	40.43 2.23 0.00	36.69 2.23 0.00	37.99 2.21 0.00	38.24 2.18 0.00	39.91 2.31 0.00	44.04 2.60 0.00	49.68 2.88 0.00	52.16 2.85 0.00	69.56 3.66 0.00	43.75 2.20 0.00	53.25 2.65 0.00	54.75 2.58 0.00	56.19 2.66 0.00	54.35 2.54 0.00	56.76 2.94 0.00	103.69 6.13 0.00	100.47 6.87 0.00	94.06 7.84 0.00	99.96 9.28 0.00	95.20 8.93 0.00	111.88 9.80 0.00	95.94 7.98 0.00	61.36 4.59 0.00
N SALMON___HYD 24042	55.49 0.36 0.00	38.45 0.24 0.00	34.44 -0.02 0.00	35.80 0.02 0.00	36.07 0.02 0.00	37.62 0.01 0.00	41.53 0.09 0.00	47.13 0.33 0.00	49.93 0.62 0.00	66.52 0.63 0.00	41.90 0.36 0.00	51.19 0.59 0.00	52.79 0.62 0.00	53.99 0.46 0.00	51.98 0.17 0.00	53.88 0.06 0.00	97.59 0.03 0.00	93.52 -0.09 0.00	85.89 -0.32 0.00	91.25 0.57 0.00	87.81 1.55 0.00	104.24 2.16 0.00	89.72 1.77 0.00	58.10 1.33 0.00
N.AKRON__115KV_KNAPP 355671	54.40 -0.72 0.00	37.68 -0.53 0.00	34.14 -0.32 0.00	35.25 -0.52 0.00	35.34 -0.71 0.00	36.93 -0.68 0.00	40.66 -0.77 0.00	45.90 -0.91 0.00	47.94 -1.37 0.00	64.33 -1.57 0.00	40.63 -0.91 0.00	49.50 -1.10 0.00	51.06 -1.10 0.00	52.59 -0.94 0.00	50.87 -0.95 0.00	53.53 -0.29 0.00	97.18 -0.38 0.00	94.09 0.49 0.00	86.88 0.68 0.00	91.39 0.71 0.00	87.51 1.25 0.00	103.16 1.08 0.00	89.79 1.84 0.00	57.51 0.73 0.00
N.E_GEN_SANDY PD 24062	57.45 2.33 0.00	40.87 1.53 -1.14	36.49 1.83 -0.21	37.52 1.75 0.00	37.99 1.93 0.00	39.62 2.01 0.00	43.31 1.87 0.00	48.63 1.82 0.00	51.70 2.38 0.00	64.50 3.15 4.55	33.91 1.80 9.44	43.06 2.28 9.81	-182.24 2.26 236.66	-10.08 2.43 66.04	24.00 2.31 30.13	52.19 2.32 3.96	91.12 4.30 10.74	9.66 5.08 89.03	87.06 4.68 3.83	97.59 4.98 -1.94	89.93 3.67 0.00	105.41 3.33 0.00	92.30 2.97 -1.37	56.59 1.55 1.73
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	58.52 3.40 0.00	32.52 2.25 7.93	35.52 2.27 1.22	37.96 2.18 0.00	38.23 2.17 0.00	39.73 2.12 0.00	43.60 2.16 0.00	49.23 2.42 0.00	52.21 2.89 0.00	68.27 4.34 1.97	7.30 3.03 37.28	55.07 3.92 -0.56	69.35 4.05 -13.14	61.33 4.26 -3.55	57.72 4.24 -1.67	58.27 4.23 -0.22	106.38 8.22 -0.60	107.16 8.61 -4.94	94.37 8.16 0.00	98.09 7.41 0.00	92.08 5.81 0.00	107.42 5.34 0.00	92.31 4.36 0.00	59.55 2.78 0.00
N.QUEENS_27_KV_LOAD 356247	59.19 4.06 0.00	45.86 2.83 -4.82	38.09 2.89 -0.74	38.57 2.79 0.00	38.82 2.76 0.00	40.34 2.72 0.00	44.23 2.79 0.00	50.00 3.19 0.00	53.04 3.73 0.00	72.73 5.64 -1.20	69.61 3.94 -24.13	56.01 4.82 -0.59	70.78 4.88 -13.73	62.37 5.13 -3.71	58.71 5.15 -1.75	59.11 5.06 -0.23	107.97 9.79 -0.62	109.06 10.20 -5.26	95.80 9.59 0.00	99.52 8.85 0.00	93.42 7.15 0.00	109.22 6.86 -0.28	93.71 5.76 0.00	60.63 3.86 0.00
N.TROY___115KV_TB1 355778	56.99 1.86 0.00	39.41 1.21 0.00	35.85 1.39 0.00	37.10 1.32 0.00	37.49 1.43 0.00	39.07 1.45 0.00	42.79 1.35 0.00	48.07 1.26 0.00	50.82 1.51 0.00	67.81 1.92 0.00	40.39 1.03 2.19	50.40 1.32 1.52	18.01 1.30 35.45	45.38 1.42 9.56	48.62 1.32 4.51	54.64 1.41 0.59	98.62 2.67 1.61	83.58 3.31 13.33	89.48 3.28 0.00	94.35 3.67 0.00	89.18 2.91 0.00	104.88 2.80 0.00	90.38 2.42 0.00	58.06 1.28 0.00
NARROWS_GT1_1 24228	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
NARROWS_GT1_2 24229	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
NARROWS_GT1_3 24230	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
NARROWS_GT1_4 24231	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
NARROWS_GT1_5 24232	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00

NARROWS_GT1_6 24233	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
NARROWS_GT1_7 24234	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
NARROWS_GT1_8 24235	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
NARROWS_GT2_1 24236	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
NARROWS_GT2_2 24237	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
NARROWS_GT2_3 24238	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
NARROWS_GT2_4 24239	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
NARROWS_GT2_5 24240	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
NARROWS_GT2_6 24241	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
NARROWS_GT2_7 24242	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
NARROWS_GT2_8 24243	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.63 9.44 -0.62	108.64 9.86 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.57 6.49 0.00	93.45 5.50 0.00	60.46 3.69 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	57.47 2.35 0.00	39.74 1.54 0.00	36.02 1.56 0.00	37.26 1.49 0.00	37.56 1.51 0.00	39.12 1.51 0.00	42.86 1.42 0.00	48.14 1.33 0.00	50.65 1.34 0.00	67.45 1.55 0.00	42.22 1.05 0.37	51.62 1.28 0.26	48.10 1.31 5.38	53.51 1.43 1.45	52.59 1.46 0.68	55.22 1.49 0.09	100.61 3.29 0.24	95.41 3.82 2.02	90.49 4.28 0.00	95.49 4.81 0.00	90.63 4.36 0.00	106.39 4.31 0.00	91.44 3.49 0.00	58.71 1.94 0.00
NCHELSEA_115KV_TR2 355582	58.68 3.56 0.00	40.58 2.38 0.00	36.86 2.40 0.00	38.09 2.32 0.00	38.36 2.30 0.00	39.88 2.27 0.00	43.79 2.35 0.00	49.41 2.60 0.00	52.36 3.05 0.00	70.36 4.46 0.00	45.18 3.07 -0.57	54.92 3.93 -0.39	69.19 4.08 -12.95	61.31 4.27 -3.50	57.72 4.25 -1.65	58.40 4.36 -0.22	106.74 8.59 -0.59	107.48 8.98 -4.88	94.81 8.60 0.00	98.75 8.08 0.00	92.80 6.53 0.00	108.33 6.25 0.00	93.05 5.10 0.00	59.90 3.12 0.00
NEG CAPITAL___MECHNVIL 23645	57.97 2.84 0.00	40.05 1.85 0.00	36.34 1.88 0.00	37.59 1.81 0.00	37.91 1.86 0.00	39.49 1.88 0.00	43.32 1.88 0.00	48.63 1.82 0.00	51.35 2.03 0.00	68.53 2.63 0.00	41.17 1.47 1.84	51.23 1.91 1.28	24.26 1.88 29.79	47.58 2.09 8.04	49.98 1.96 3.79	55.48 2.15 0.50	100.43 4.22 1.35	87.30 4.90 11.21	91.17 4.96 0.00	96.16 5.49 0.00	91.00 4.74 0.00	106.97 4.89 0.00	92.00 4.04 0.00	59.00 2.22 0.00
NEG CENTRAL_HIGH_ACRES 23767	53.83 -1.29 0.00	37.28 -0.92 0.00	33.72 -0.73 0.00	34.88 -0.90 0.00	35.05 -1.00 0.00	36.62 -1.00 0.00	40.35 -1.08 0.00	45.55 -1.26 0.00	47.81 -1.50 0.00	64.07 -1.82 0.00	40.42 -1.13 0.00	49.20 -1.40 0.00	50.78 -1.39 0.00	52.26 -1.27 0.00	50.62 -1.19 0.00	53.01 -0.81 0.00	96.39 -1.17 0.00	93.12 -0.49 0.00	86.07 -0.15 -0.01	90.48 -0.34 -0.14	86.23 -0.25 -0.22	102.10 -0.82 -0.84	88.09 -0.47 -0.60	56.23 -0.55 -0.01

NEG CENTRAL___DRP 24199	55.13 0.00 0.00	38.24 0.04 0.00	34.63 0.17 0.00	35.79 0.01 0.00	36.02 -0.04 0.00	37.55 -0.07 0.00	41.39 -0.05 0.00	46.59 -0.22 0.00	48.76 -0.55 0.00	65.17 -0.72 0.00	41.11 -0.43 0.00	50.01 -0.59 0.00	51.52 -0.65 0.00	52.93 -0.60 0.00	51.37 -0.44 0.00	53.66 -0.16 0.00	97.42 -0.14 0.00	94.10 0.50 0.00	87.27 1.05 -0.02	92.18 1.18 -0.32	87.93 1.17 -0.50	104.74 0.71 -1.94	90.00 0.66 -1.38	57.17 0.38 -0.02
NEG CENTRAL___INDECK 23768	56.67 1.55 0.00	39.19 0.99 0.00	35.42 0.97 0.00	36.57 0.79 0.00	36.67 0.61 0.00	38.26 0.65 0.00	42.15 0.71 0.00	47.21 0.40 0.00	48.96 -0.35 0.00	65.66 -0.23 0.00	41.44 -0.11 0.00	50.41 -0.19 0.00	52.04 -0.13 0.00	53.42 -0.11 0.00	51.51 -0.30 0.00	53.39 -0.42 0.00	95.84 -1.72 0.00	92.78 -0.83 0.00	86.05 -0.15 0.00	91.73 1.06 0.00	88.27 2.00 0.00	104.30 2.23 0.00	90.19 2.23 0.00	59.14 2.37 0.00
NEG CENTRAL___SENECA 23627	55.18 0.05 0.00	38.32 0.12 0.00	34.69 0.24 0.00	35.84 0.06 0.00	36.02 -0.04 0.00	37.57 -0.04 0.00	41.43 -0.01 0.00	46.64 -0.17 0.00	48.66 -0.65 0.00	65.08 -0.82 0.00	41.12 -0.42 0.00	50.03 -0.56 0.00	51.52 -0.64 0.00	52.97 -0.57 0.00	51.36 -0.45 0.00	53.71 -0.10 0.00	97.39 -0.17 0.00	94.22 0.61 0.00	87.52 1.31 -0.01	92.30 1.44 -0.19	88.02 1.45 -0.30	104.14 0.91 -1.15	89.66 0.90 -0.82	57.37 0.59 -0.01
NEG CENTRAL___STATE_STREET 24147	55.34 0.21 0.00	38.37 0.16 0.00	34.80 0.34 0.00	35.94 0.16 0.00	36.28 0.22 0.00	37.82 0.21 0.00	41.70 0.26 0.00	46.80 -0.01 0.00	49.18 -0.13 0.00	65.76 -0.14 0.00	41.39 -0.15 0.00	50.29 -0.30 0.00	51.80 -0.37 0.00	53.04 -0.49 0.00	51.62 -0.20 0.00	53.84 0.02 0.00	97.95 0.39 0.00	94.45 0.85 0.00	87.33 1.10 -0.02	92.51 1.44 -0.39	88.36 1.47 -0.62	105.79 1.32 -2.39	90.69 1.05 -1.69	57.34 0.55 -0.02
NEG MILLWOOD___DRP 24198	58.77 3.65 0.00	41.61 2.46 -0.95	37.08 2.47 -0.15	38.17 2.39 0.00	38.43 2.37 0.00	39.95 2.34 0.00	43.86 2.43 0.00	49.51 2.71 0.00	52.52 3.21 0.00	70.89 4.75 -0.24	50.06 3.27 -5.25	55.26 4.20 -0.47	70.04 4.35 -13.52	61.73 4.55 -3.66	58.08 4.55 -1.72	58.70 4.65 -0.23	107.30 9.12 -0.61	108.19 9.49 -5.09	95.24 9.03 0.00	99.12 8.44 0.00	93.09 6.82 0.00	108.64 6.56 0.00	93.29 5.34 0.00	60.04 3.27 0.00
NEG NORTH_FLCN_SEA 23793	55.42 0.30 0.00	38.46 0.26 0.00	34.50 0.04 0.00	35.78 0.00 0.00	36.06 0.01 0.00	37.61 0.00 0.00	41.45 0.02 0.00	47.00 0.19 0.00	49.90 0.59 0.00	66.36 0.47 0.00	41.87 0.33 0.00	51.04 0.44 0.00	52.73 0.57 0.00	53.97 0.43 0.00	51.99 0.17 0.00	54.02 0.20 0.00	98.04 0.48 0.00	93.99 0.39 0.00	86.06 -0.15 0.00	91.31 0.63 0.00	87.48 1.22 0.00	103.79 1.71 0.00	89.31 1.36 0.00	57.89 1.11 0.00
NEG NORTH_KES_CHATEGAY 23792	54.87 -0.26 0.00	38.07 -0.13 0.00	34.10 -0.36 0.00	35.43 -0.35 0.00	35.74 -0.32 0.00	37.26 -0.35 0.00	41.14 -0.30 0.00	46.66 -0.14 0.00	49.42 0.11 0.00	65.77 -0.13 0.00	41.49 -0.05 0.00	50.59 0.00 0.00	52.24 0.07 0.00	53.47 -0.06 0.00	51.43 -0.39 0.00	53.29 -0.52 0.00	96.67 -0.89 0.00	92.57 -1.04 0.00	84.97 -1.24 0.00	90.16 -0.52 0.00	86.69 0.43 0.00	103.01 0.94 0.00	88.62 0.66 0.00	57.37 0.59 0.00
NEG NORTH___ALICE_FALLS 23915	55.57 0.44 0.00	38.54 0.34 0.00	34.55 0.09 0.00	35.85 0.07 0.00	36.12 0.07 0.00	37.66 0.05 0.00	41.53 0.09 0.00	47.10 0.29 0.00	49.97 0.66 0.00	66.47 0.57 0.00	41.93 0.38 0.00	51.10 0.51 0.00	52.74 0.58 0.00	54.01 0.48 0.00	52.02 0.20 0.00	54.12 0.30 0.00	98.21 0.65 0.00	94.19 0.58 0.00	86.34 0.13 0.00	91.52 0.85 0.00	87.80 1.54 0.00	104.15 2.07 0.00	89.62 1.66 0.00	58.11 1.34 0.00
NEG NORTH___LWR_SARANAC 23913	55.57 0.44 0.00	38.54 0.34 0.00	34.55 0.09 0.00	35.85 0.07 0.00	36.12 0.07 0.00	37.66 0.05 0.00	41.53 0.09 0.00	47.10 0.29 0.00	49.97 0.66 0.00	66.47 0.57 0.00	41.93 0.38 0.00	51.10 0.51 0.00	52.74 0.58 0.00	54.01 0.48 0.00	52.02 0.20 0.00	54.12 0.30 0.00	98.21 0.65 0.00	94.19 0.58 0.00	86.34 0.13 0.00	91.52 0.85 0.00	87.80 1.54 0.00	104.15 2.07 0.00	89.62 1.66 0.00	58.11 1.34 0.00
NEG NORTH___PLATTSBURG 23628	55.57 0.44 0.00	38.54 0.34 0.00	34.55 0.09 0.00	35.85 0.07 0.00	36.12 0.07 0.00	37.66 0.05 0.00	41.53 0.09 0.00	47.10 0.29 0.00	49.97 0.66 0.00	66.47 0.57 0.00	41.92 0.38 0.00	51.10 0.51 0.00	52.75 0.58 0.00	54.01 0.48 0.00	52.02 0.20 0.00	54.12 0.30 0.00	98.22 0.66 0.00	94.19 0.58 0.00	86.34 0.13 0.00	91.52 0.85 0.00	87.81 1.54 0.00	104.15 2.07 0.00	89.62 1.66 0.00	58.11 1.34 0.00
NEG WEST_LEA_LOCKPORT 23791	53.22 -1.91 0.00	36.90 -1.30 0.00	33.47 -0.99 0.00	34.57 -1.20 0.00	34.65 -1.40 0.00	36.23 -1.39 0.00	39.90 -1.54 0.00	45.09 -1.71 0.00	47.17 -2.14 0.00	63.37 -2.53 0.00	40.07 -1.47 0.00	48.81 -1.78 0.00	50.32 -1.85 0.00	51.76 -1.77 0.00	50.03 -1.79 0.00	52.63 -1.19 0.00	95.37 -2.19 0.00	92.12 -1.48 0.00	84.81 -1.40 0.00	88.88 -1.80 0.00	85.03 -1.24 0.00	100.33 -1.75 0.00	87.62 -0.34 0.00	56.26 -0.51 0.00
NEG WEST___LANCASTR 23811	53.21 -1.91 0.00	36.84 -1.37 0.00	33.41 -1.04 0.00	34.51 -1.27 0.00	34.63 -1.43 0.00	36.18 -1.43 0.00	39.89 -1.54 0.00	45.11 -1.70 0.00	47.23 -2.08 0.00	63.45 -2.45 0.00	40.00 -1.54 0.00	48.82 -1.78 0.00	50.45 -1.71 0.00	51.88 -1.65 0.00	50.31 -1.51 0.00	52.90 -0.92 0.00	96.20 -1.37 0.00	92.60 -1.01 0.00	85.40 -0.81 0.00	89.29 -1.39 0.00	85.13 -1.13 0.00	100.53 -1.55 0.00	87.39 -0.57 0.00	56.15 -0.62 0.00
NEG_PENN_ALLEGHNY 23528	55.32 0.20 0.00	38.30 0.09 0.00	34.72 0.26 0.00	35.93 0.16 0.00	36.17 0.12 0.00	37.69 0.08 0.00	41.53 0.10 0.00	46.81 0.00 0.00	49.15 -0.16 0.00	65.87 -0.03 0.00	41.44 -0.11 0.00	50.56 -0.04 0.00	52.22 0.06 0.00	53.64 0.11 0.00	52.13 0.31 0.00	54.42 0.60 0.00	99.15 1.59 0.00	95.31 1.70 0.00	88.27 2.06 0.00	92.48 1.80 0.00	87.68 1.42 0.00	103.23 1.15 0.00	88.99 1.04 0.00	57.28 0.51 0.00
NEG___GEN_MONROE 24207	55.01 -0.11 0.00	38.07 -0.14 0.00	34.45 0.00 0.00	35.61 -0.17 0.00	35.75 -0.31 0.00	37.34 -0.27 0.00	41.08 -0.35 0.00	46.36 -0.45 0.00	48.56 -0.75 0.00	65.10 -0.80 0.00	41.07 -0.47 0.00	50.00 -0.60 0.00	51.62 -0.54 0.00	53.16 -0.37 0.00	51.48 -0.33 0.00	54.03 0.21 0.00	98.17 0.61 0.00	94.94 1.34 0.00	87.74 1.53 0.00	92.24 1.57 0.00	88.01 1.75 0.00	103.71 1.63 0.00	89.80 1.85 0.00	57.64 0.86 0.00
NEPA___ENERGY 23901	53.80 -1.33 0.00	37.19 -1.01 0.00	33.76 -0.70 0.00	34.80 -0.98 0.00	34.98 -1.07 0.00	36.53 -1.08 0.00	40.37 -1.06 0.00	45.57 -1.24 0.00	47.67 -1.64 0.00	64.10 -1.80 0.00	40.31 -1.23 0.00	49.42 -1.18 0.00	51.18 -0.98 0.00	52.58 -0.95 0.00	51.19 -0.62 0.00	53.90 0.08 0.00	98.17 0.61 0.00	94.11 0.51 0.00	86.82 0.61 0.00	90.57 -0.11 0.00	86.22 -0.05 0.00	101.92 -0.16 0.00	88.41 0.46 0.00	56.85 0.08 0.00

NEVERSINK___HYD 23608	57.55 2.43 0.00	37.85 1.56 1.92	35.77 1.60 0.30	37.25 1.48 0.00	37.48 1.43 0.00	38.95 1.34 0.00	42.75 1.31 0.00	48.24 1.43 0.00	51.04 1.73 0.00	68.09 2.66 0.48	34.77 1.91 8.68	53.43 2.47 -0.37	64.96 2.59 -10.21	59.05 2.76 -2.76	55.96 2.84 -1.30	56.91 2.92 -0.17	104.19 6.16 -0.46	104.22 6.77 -3.85	93.04 6.82 0.00	97.02 6.34 0.00	91.14 4.87 0.00	106.34 4.26 0.00	91.26 3.31 0.00	58.68 1.91 0.00
NEWKRMKL_115KV_TB1 55635	56.03 0.90 0.00	38.81 0.61 0.00	35.22 0.76 0.00	36.45 0.67 0.00	36.73 0.67 0.00	38.27 0.65 0.00	41.90 0.46 0.00	47.21 0.41 0.00	49.83 0.52 0.00	66.65 0.75 0.00	41.28 0.59 0.85	50.79 0.78 0.59	39.17 0.80 13.79	50.66 0.85 3.72	50.94 0.88 1.76	54.52 0.93 0.23	99.03 2.10 0.63	90.80 2.39 5.19	88.80 2.60 0.00	93.04 2.36 0.00	88.03 1.76 0.00	103.28 1.20 0.00	88.86 0.90 0.00	57.25 0.47 0.00
NEWTON___FALLS_HYD 23847	56.09 0.96 0.00	38.81 0.61 0.00	34.92 0.46 0.00	36.28 0.50 0.00	36.58 0.53 0.00	38.22 0.61 0.00	42.03 0.60 0.00	47.50 0.69 0.00	50.13 0.82 0.00	66.84 0.95 0.00	42.00 0.46 0.00	50.87 0.27 0.00	52.50 0.33 0.00	53.70 0.17 0.00	51.72 -0.09 0.00	53.64 -0.18 0.00	97.05 -0.51 0.00	93.39 -0.21 0.00	86.61 0.39 -0.01	92.57 1.70 -0.19	89.31 2.74 -0.30	106.87 3.62 -1.17	91.71 2.92 -0.83	58.58 1.79 -0.01
NGRID_A1_DSASP 323792	52.79 -2.34 0.00	36.63 -1.58 0.00	33.24 -1.22 0.00	34.36 -1.42 0.00	34.44 -1.62 0.00	36.00 -1.61 0.00	39.66 -1.78 0.00	44.88 -1.92 0.00	47.02 -2.29 0.00	63.17 -2.72 0.00	39.95 -1.59 0.00	48.66 -1.93 0.00	49.96 -2.20 0.00	51.31 -2.23 0.00	49.53 -2.28 0.00	52.06 -1.76 0.00	94.18 -3.38 0.00	90.92 -2.69 0.00	83.50 -2.71 0.00	87.33 -3.35 0.00	83.51 -2.76 0.00	98.58 -3.50 0.00	86.42 -1.54 0.00	55.69 -1.08 0.00
NGRID_A2_DSASP 323793	52.79 -2.34 0.00	36.63 -1.58 0.00	33.24 -1.22 0.00	34.36 -1.42 0.00	34.44 -1.62 0.00	36.00 -1.61 0.00	39.66 -1.78 0.00	44.88 -1.92 0.00	47.02 -2.29 0.00	63.17 -2.72 0.00	39.95 -1.59 0.00	48.66 -1.93 0.00	49.96 -2.20 0.00	51.31 -2.23 0.00	49.53 -2.28 0.00	52.06 -1.76 0.00	94.18 -3.38 0.00	90.92 -2.69 0.00	83.50 -2.71 0.00	87.33 -3.35 0.00	83.51 -2.76 0.00	98.58 -3.50 0.00	86.42 -1.54 0.00	55.69 -1.08 0.00
NGRID_A4_DSASP 323807	52.79 -2.34 0.00	36.63 -1.58 0.00	33.24 -1.22 0.00	34.36 -1.42 0.00	34.44 -1.62 0.00	36.00 -1.61 0.00	39.66 -1.78 0.00	44.88 -1.92 0.00	47.02 -2.29 0.00	63.17 -2.72 0.00	39.95 -1.59 0.00	48.66 -1.93 0.00	49.96 -2.20 0.00	51.31 -2.23 0.00	49.53 -2.28 0.00	52.06 -1.76 0.00	94.18 -3.38 0.00	90.92 -2.69 0.00	83.50 -2.71 0.00	87.33 -3.35 0.00	83.51 -2.76 0.00	98.58 -3.50 0.00	86.42 -1.54 0.00	55.69 -1.08 0.00
NIAGARA_115E_LBMP 323715	52.41 -2.71 0.00	36.36 -1.85 0.00	32.99 -1.47 0.00	34.08 -1.70 0.00	34.16 -1.90 0.00	35.73 -1.88 0.00	39.39 -2.05 0.00	44.53 -2.28 0.00	46.57 -2.74 0.00	62.58 -3.31 0.00	39.61 -1.93 0.00	48.19 -2.40 0.00	49.67 -2.49 0.00	51.09 -2.44 0.00	49.35 -2.46 0.00	51.87 -1.95 0.00	93.82 -3.74 0.00	90.71 -2.90 0.00	83.39 -2.82 0.00	87.32 -3.36 0.00	83.53 -2.73 0.00	98.56 -3.52 0.00	86.19 -1.76 0.00	55.34 -1.43 0.00
NIAGARA_115W_LBMP 323714	52.71 -2.42 0.00	36.58 -1.63 0.00	33.20 -1.26 0.00	34.32 -1.46 0.00	34.39 -1.66 0.00	35.95 -1.66 0.00	39.60 -1.84 0.00	44.83 -1.98 0.00	46.95 -2.36 0.00	63.08 -2.82 0.00	39.90 -1.65 0.00	48.58 -2.02 0.00	49.88 -2.28 0.00	51.19 -2.34 0.00	49.43 -2.38 0.00	51.94 -1.88 0.00	93.95 -3.61 0.00	90.72 -2.89 0.00	83.32 -2.89 0.00	87.15 -3.53 0.00	83.32 -2.95 0.00	98.36 -3.72 0.00	86.26 -1.69 0.00	55.60 -1.18 0.00
NIAGARA_230_LBMP 323716	52.82 -2.30 0.00	36.65 -1.56 0.00	33.26 -1.20 0.00	34.37 -1.41 0.00	34.46 -1.59 0.00	36.03 -1.59 0.00	39.69 -1.75 0.00	44.90 -1.91 0.00	47.02 -2.29 0.00	63.19 -2.70 0.00	39.93 -1.61 0.00	48.64 -1.96 0.00	50.11 -2.05 0.00	51.54 -1.99 0.00	49.77 -2.04 0.00	52.33 -1.49 0.00	94.73 -2.83 0.00	91.40 -2.20 0.00	84.00 -2.21 0.00	87.88 -2.79 0.00	83.98 -2.28 0.00	99.15 -2.93 0.00	86.61 -1.35 0.00	55.70 -1.07 0.00
NIAGARA___115KV_198_GIBSON 55903	52.71 -2.42 0.00	36.58 -1.63 0.00	33.20 -1.26 0.00	34.31 -1.47 0.00	34.39 -1.66 0.00	35.95 -1.66 0.00	39.60 -1.84 0.00	44.83 -1.98 0.00	46.95 -2.36 0.00	63.09 -2.81 0.00	39.88 -1.67 0.00	48.58 -2.02 0.00	49.87 -2.29 0.00	51.19 -2.34 0.00	49.41 -2.40 0.00	51.94 -1.88 0.00	93.98 -3.58 0.00	90.68 -2.93 0.00	83.31 -2.90 0.00	87.14 -3.53 0.00	83.32 -2.94 0.00	98.35 -3.73 0.00	86.27 -1.69 0.00	55.59 -1.18 0.00
NIAGARA____ 23760	52.82 -2.30 0.00	36.65 -1.56 0.00	33.26 -1.20 0.00	34.37 -1.41 0.00	34.46 -1.59 0.00	36.03 -1.59 0.00	39.69 -1.75 0.00	44.90 -1.91 0.00	47.02 -2.29 0.00	63.19 -2.70 0.00	39.93 -1.61 0.00	48.64 -1.96 0.00	50.11 -2.05 0.00	51.54 -1.99 0.00	49.77 -2.04 0.00	52.33 -1.49 0.00	94.73 -2.83 0.00	91.40 -2.20 0.00	84.00 -2.21 0.00	87.88 -2.79 0.00	83.98 -2.28 0.00	99.15 -2.93 0.00	86.61 -1.35 0.00	55.70 -1.07 0.00
NINE_MILE_1 23575	53.64 -1.48 0.00	37.25 -0.96 0.00	33.67 -0.79 0.00	34.90 -0.88 0.00	35.16 -0.90 0.00	36.66 -0.95 0.00	40.36 -1.08 0.00	45.53 -1.28 0.00	47.89 -1.42 0.00	64.01 -1.89 0.00	40.16 -1.38 0.00	48.83 -1.76 0.00	50.35 -1.81 0.00	51.73 -1.80 0.00	50.13 -1.69 0.00	52.17 -1.65 0.00	94.67 -2.89 0.00	91.01 -2.60 0.00	83.87 -2.11 0.23	83.56 -2.30 4.81	76.47 -2.21 7.58	69.83 -2.91 29.33	64.65 -2.48 20.81	54.84 -1.66 0.27
NINE_MILE_2 23744	53.64 -1.48 0.00	37.25 -0.96 0.00	33.67 -0.79 0.00	34.90 -0.87 0.00	35.16 -0.90 0.00	36.66 -0.95 0.00	40.36 -1.07 0.00	45.53 -1.28 0.00	47.90 -1.41 0.00	64.02 -1.88 0.00	40.16 -1.38 0.00	48.83 -1.76 0.00	50.35 -1.81 0.00	51.73 -1.80 0.00	50.13 -1.68 0.00	52.17 -1.65 0.00	94.67 -2.89 0.00	91.01 -2.60 0.00	83.88 -2.11 0.23	83.52 -2.29 4.86	76.41 -2.21 7.65	69.56 -2.91 29.60	64.48 -2.47 21.00	54.84 -1.66 0.27
NM_CAPITAL___DRP 24208	56.08 0.95 0.00	38.84 0.64 0.00	35.25 0.79 0.00	36.49 0.72 0.00	36.78 0.72 0.00	38.31 0.70 0.00	41.97 0.54 0.00	47.28 0.47 0.00	49.91 0.60 0.00	66.75 0.85 0.00	41.26 0.65 0.92	50.80 0.84 0.64	38.10 0.86 14.93	50.44 0.93 4.03	50.87 0.95 1.90	54.55 0.98 0.25	99.05 2.17 0.68	90.44 2.45 5.62	88.84 2.63 0.00	93.07 2.39 0.00	88.05 1.78 0.00	103.32 1.25 0.00	88.91 0.96 0.00	57.29 0.52 0.00
NM_CENTRAL___DRP 24181	54.77 -0.36 0.00	37.98 -0.23 0.00	34.34 -0.12 0.00	35.58 -0.20 0.00	35.80 -0.25 0.00	37.34 -0.28 0.00	41.10 -0.34 0.00	46.34 -0.47 0.00	48.74 -0.57 0.00	65.16 -0.74 0.00	40.93 -0.61 0.00	49.79 -0.80 0.00	51.35 -0.81 0.00	52.80 -0.73 0.00	51.21 -0.61 0.00	53.34 -0.48 0.00	96.97 -0.59 0.00	93.32 -0.28 0.00	86.37 0.16 -0.01	90.91 0.08 -0.15	86.50 0.00 -0.23	102.54 -0.44 -0.91	88.20 -0.40 -0.65	56.37 -0.42 -0.01

NM_FRONTIER___DRP 24179	52.71 -2.42 0.00	36.58 -1.63 0.00	33.20 -1.26 0.00	34.31 -1.47 0.00	34.39 -1.66 0.00	35.95 -1.66 0.00	39.60 -1.84 0.00	44.83 -1.98 0.00	46.95 -2.36 0.00	63.09 -2.81 0.00	39.88 -1.67 0.00	48.58 -2.02 0.00	49.87 -2.29 0.00	51.19 -2.34 0.00	49.41 -2.40 0.00	51.94 -1.88 0.00	93.98 -3.58 0.00	90.68 -2.93 0.00	83.31 -2.90 0.00	87.14 -3.53 0.00	83.32 -2.94 0.00	98.35 -3.73 0.00	86.27 -1.69 0.00	55.59 -1.18 0.00
NM_ST_REGIS___HYD 24053	55.70 0.57 0.00	38.59 0.38 0.00	34.59 0.13 0.00	35.99 0.21 0.00	36.26 0.21 0.00	37.84 0.23 0.00	41.71 0.27 0.00	47.33 0.52 0.00	50.01 0.70 0.00	66.56 0.66 0.00	41.96 0.42 0.00	51.14 0.55 0.00	52.73 0.56 0.00	53.91 0.37 0.00	51.92 0.11 0.00	53.76 -0.06 0.00	97.14 -0.42 0.00	93.04 -0.56 0.00	85.56 -0.65 0.00	91.02 0.34 0.00	87.80 1.54 0.00	104.46 2.39 0.00	90.00 2.04 0.00	58.26 1.49 0.00
NORTHPORT___1 23551	58.67 3.55 0.00	45.97 2.97 -4.80	38.26 3.06 -0.74	38.72 2.94 0.00	38.90 2.85 0.00	40.41 2.80 0.00	44.45 3.01 0.00	50.36 3.55 0.00	53.50 4.19 0.00	85.67 5.83 -13.94	75.29 3.88 -29.87	59.10 4.63 -3.87	85.35 4.59 -28.60	84.45 4.66 -26.26	83.11 4.51 -26.79	53.26 3.77 4.33	100.86 7.51 4.21	104.35 7.22 -3.53	93.42 7.21 0.00	96.38 5.70 0.00	90.13 3.86 0.00	100.40 2.72 4.40	54.80 2.13 35.29	54.22 1.65 4.21
NORTHPORT___2 23552	58.67 3.55 0.00	45.97 2.97 -4.80	38.26 3.06 -0.74	38.72 2.94 0.00	38.90 2.85 0.00	40.41 2.80 0.00	44.45 3.01 0.00	50.36 3.55 0.00	53.50 4.19 0.00	85.67 5.83 -13.94	75.29 3.88 -29.87	59.10 4.63 -3.87	85.35 4.59 -28.60	84.45 4.66 -26.26	83.11 4.51 -26.79	53.26 3.77 4.33	100.86 7.51 4.21	104.35 7.22 -3.53	93.42 7.21 0.00	96.38 5.70 0.00	90.13 3.86 0.00	100.40 2.72 4.40	54.80 2.13 35.29	54.22 1.65 4.21
NORTHPORT___3 23553	58.10 2.97 0.00	45.58 2.57 -4.80	37.90 2.70 -0.74	38.35 2.58 0.00	38.55 2.49 0.00	40.04 2.43 0.00	44.02 2.58 0.00	50.02 3.21 0.00	53.16 3.85 0.00	85.12 5.28 -13.94	74.96 3.58 -29.84	58.77 4.31 -3.87	85.07 4.31 -28.60	84.20 4.40 -26.26	82.00 4.22 -25.96	52.04 3.63 5.40	100.47 7.21 4.30	104.00 6.91 -3.49	93.07 6.86 0.00	96.10 5.43 0.00	90.00 3.74 0.00	100.25 2.61 4.43	54.66 2.07 35.36	54.06 1.59 4.30
NORTHPORT___4 23650	58.10 2.97 0.00	45.58 2.57 -4.80	37.90 2.70 -0.74	38.35 2.58 0.00	38.55 2.49 0.00	40.04 2.43 0.00	44.02 2.58 0.00	50.02 3.21 0.00	53.16 3.85 0.00	85.12 5.28 -13.94	74.96 3.58 -29.84	58.77 4.31 -3.87	85.07 4.31 -28.60	84.20 4.40 -26.26	82.00 4.22 -25.96	52.04 3.63 5.40	100.47 7.21 4.30	104.00 6.91 -3.49	93.07 6.86 0.00	96.10 5.43 0.00	90.00 3.74 0.00	100.25 2.61 4.43	54.66 2.07 35.36	54.06 1.59 4.30
NORTHPORT___IC 23718	58.66 3.53 0.00	45.97 2.96 -4.80	38.26 3.06 -0.74	38.72 2.94 0.00	38.90 2.85 0.00	40.41 2.80 0.00	44.44 3.01 0.00	50.36 3.56 0.00	53.50 4.19 0.00	85.67 5.83 -13.94	75.30 3.89 -29.87	59.09 4.63 -3.87	85.35 4.59 -28.60	84.48 4.68 -26.26	83.15 4.55 -26.79	53.28 3.79 4.33	100.99 7.64 4.21	104.39 7.25 -3.53	93.42 7.21 0.00	96.38 5.70 0.00	90.15 3.89 0.00	100.47 2.79 4.40	55.25 2.58 35.29	54.54 1.98 4.21
NORTH___COUNTRY_ESR 323785	54.73 -0.39 0.00	37.97 -0.23 0.00	34.00 -0.46 0.00	35.34 -0.43 0.00	35.65 -0.40 0.00	37.18 -0.44 0.00	41.04 -0.39 0.00	46.58 -0.23 0.00	49.36 0.05 0.00	65.75 -0.15 0.00	41.48 -0.06 0.00	50.58 -0.02 0.00	52.24 0.07 0.00	53.46 -0.07 0.00	51.42 -0.39 0.00	53.28 -0.54 0.00	96.63 -0.93 0.00	92.55 -1.06 0.00	84.93 -1.28 0.00	90.13 -0.54 0.00	86.46 0.19 0.00	102.73 0.65 0.00	88.36 0.41 0.00	57.21 0.43 0.00
NPX_GEN_1385_PROXY 323591	34.28 3.33 24.18	44.94 2.84 -3.89	38.23 3.03 -0.74	38.69 2.92 0.00	38.82 2.77 0.00	40.34 2.73 0.00	44.37 2.93 0.00	49.95 3.50 0.36	14.06 4.00 39.25	32.99 5.60 38.52	31.74 3.72 13.52	-33.49 4.45 88.54	-85.90 4.41 142.47	-170.15 4.46 228.14	-203.62 4.32 259.75	-237.84 3.57 295.24	47.15 7.15 57.56	104.86 6.88 -4.37	93.03 7.24 0.42	151.79 6.05 -55.06	98.31 4.17 -7.87	100.64 2.96 4.40	54.58 1.91 35.29	54.04 1.48 4.21
NPX_GEN_CSC 323557	58.58 3.46 0.00	45.74 2.73 -4.80	37.94 2.75 -0.74	38.35 2.58 0.00	38.51 2.46 0.00	40.01 2.40 0.00	44.10 2.67 0.00	49.84 3.39 0.36	53.52 4.21 0.00	85.88 6.04 -13.94	75.47 4.03 -29.90	59.46 5.00 -3.87	85.83 5.06 -28.60	85.11 5.32 -26.26	86.82 5.25 -29.76	54.82 4.67 3.67	102.87 9.01 3.70	106.96 8.84 -4.51	94.50 8.71 0.42	97.86 7.18 0.00	91.66 5.40 0.00	105.46 4.38 1.00	85.63 3.32 5.64	55.20 2.16 3.73
NSINS_S_GLNS_FALLS 23858	57.99 2.86 0.00	40.07 1.86 0.00	36.31 1.85 0.00	37.52 1.75 0.00	37.82 1.77 0.00	39.37 1.76 0.00	43.22 1.78 0.00	48.49 1.69 0.00	51.11 1.80 0.00	68.19 2.29 0.00	41.07 1.06 1.54	51.00 1.47 1.07	28.57 1.31 24.90	48.41 1.60 6.72	49.99 1.35 3.17	55.01 1.60 0.42	99.78 3.35 1.13	88.56 4.32 9.37	90.90 4.69 0.00	96.13 5.45 0.00	91.22 4.95 0.00	107.04 4.96 0.00	91.84 3.89 0.00	58.82 2.05 0.00
NUCOR_STEEL___DRP 24197	55.29 0.16 0.00	38.31 0.11 0.00	34.78 0.32 0.00	35.90 0.12 0.00	36.27 0.21 0.00	37.81 0.20 0.00	41.68 0.24 0.00	46.76 -0.05 0.00	49.17 -0.14 0.00	65.76 -0.14 0.00	41.38 -0.16 0.00	50.29 -0.31 0.00	51.79 -0.37 0.00	53.01 -0.52 0.00	51.61 -0.20 0.00	53.83 0.01 0.00	97.95 0.39 0.00	94.44 0.83 0.00	87.23 1.00 -0.02	92.45 1.35 -0.42	88.30 1.37 -0.67	105.90 1.25 -2.58	90.75 0.97 -1.83	57.29 0.49 -0.02
NUMBER_THREE_WT_PWR 323818	56.50 1.38 0.00	39.05 0.85 0.00	35.25 0.79 0.00	36.57 0.80 0.00	36.93 0.88 0.00	38.64 1.02 0.00	42.42 0.98 0.00	47.87 1.06 0.00	50.56 1.24 0.00	67.49 1.59 0.00	42.32 0.78 0.00	51.11 0.52 0.00	52.74 0.57 0.00	53.90 0.37 0.00	51.98 0.16 0.00	54.04 0.22 0.00	97.96 0.40 0.00	94.64 1.04 0.00	88.24 2.03 -0.01	94.39 3.50 -0.22	90.89 4.28 -0.34	108.57 5.17 -1.32	92.78 3.89 -0.94	59.00 2.21 -0.01
NYISO_LBMP_REFERENCE 24008	55.12 0.00 0.00	38.21 0.00 0.00	34.46 0.00 0.00	35.78 0.00 0.00	36.06 0.00 0.00	37.61 0.00 0.00	41.44 0.00 0.00	46.81 0.00 0.00	49.31 0.00 0.00	65.90 0.00 0.00	41.54 0.00 0.00	50.60 0.00 0.00	52.17 0.00 0.00	53.53 0.00 0.00	51.81 0.00 0.00	53.82 0.00 0.00	97.56 0.00 0.00	93.61 0.00 0.00	86.21 0.00 0.00	90.68 0.00 0.00	86.26 0.00 0.00	102.08 0.00 0.00	87.96 0.00 0.00	56.77 0.00 0.00
NYPA_BRENTWD____GT 24164	59.58 4.45 0.00	46.48 3.47 -4.80	38.64 3.44 -0.74	39.10 3.32 0.00	39.28 3.22 0.00	40.80 3.19 0.00	44.89 3.45 0.00	50.93 4.12 0.00	54.17 4.86 0.00	86.66 6.82 -13.94	76.06 4.55 -29.96	60.02 5.56 -3.87	85.98 5.22 -28.60	85.16 5.36 -26.26	84.41 5.31 -27.29	55.50 5.02 3.34	104.17 9.68 3.07	106.36 8.89 -3.86	94.97 8.76 0.00	98.06 7.38 0.00	91.68 5.42 0.00	105.52 4.49 1.04	86.21 4.01 5.75	56.57 2.94 3.14

NYPA_GOWANUS____GT5 24156	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.60 9.41 -0.62	108.63 9.86 -5.17	95.54 9.33 0.00	99.14 8.46 0.00	93.13 6.87 0.00	108.52 6.45 0.00	93.43 5.47 0.00	60.46 3.69 0.00
NYPA_GOWANUS____GT6 24157	59.00 3.87 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.62 0.00	49.72 2.91 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.23 3.69 -24.00	55.82 4.64 -0.59	70.66 4.76 -13.73	62.27 5.03 -3.71	58.56 5.00 -1.75	59.00 4.95 -0.23	107.60 9.41 -0.62	108.63 9.86 -5.17	95.54 9.33 0.00	99.14 8.46 0.00	93.13 6.87 0.00	108.52 6.45 0.00	93.43 5.47 0.00	60.46 3.69 0.00
NYPA_HARLEM__RVR__GT1 24160	59.03 3.90 0.00	45.76 2.73 -4.82	38.00 2.80 -0.74	38.49 2.71 0.00	38.73 2.67 0.00	40.23 2.62 0.00	44.13 2.69 0.00	49.88 3.08 0.00	52.91 3.60 0.00	72.53 5.44 -1.20	69.35 3.81 -24.00	55.85 4.67 -0.59	70.63 4.74 -13.73	62.23 4.99 -3.71	58.56 5.00 -1.75	58.93 4.88 -0.23	107.66 9.48 -0.62	108.59 9.82 -5.17	95.48 9.27 0.00	99.19 8.51 0.00	93.10 6.84 0.00	108.57 6.49 0.00	93.38 5.43 0.00	60.42 3.64 0.00
NYPA_HARLEM__RVR__GT2 24161	59.03 3.90 0.00	45.76 2.73 -4.82	38.00 2.80 -0.74	38.49 2.71 0.00	38.73 2.67 0.00	40.23 2.62 0.00	44.13 2.69 0.00	49.88 3.08 0.00	52.91 3.60 0.00	72.53 5.44 -1.20	69.35 3.81 -24.00	55.85 4.67 -0.59	70.63 4.74 -13.73	62.23 4.99 -3.71	58.56 5.00 -1.75	58.93 4.88 -0.23	107.66 9.48 -0.62	108.59 9.82 -5.17	95.48 9.27 0.00	99.19 8.51 0.00	93.10 6.84 0.00	108.57 6.49 0.00	93.38 5.43 0.00	60.42 3.64 0.00
NYPA_KENT____GT 24152	58.96 3.84 0.00	45.66 2.63 -4.82	37.92 2.72 -0.74	38.41 2.63 0.00	38.65 2.60 0.00	40.15 2.54 0.00	44.06 2.62 0.00	49.74 2.93 0.00	52.73 3.42 0.00	72.25 5.16 -1.20	69.23 3.69 -24.00	55.81 4.63 -0.59	70.63 4.74 -13.73	62.21 4.97 -3.71	58.52 4.95 -1.75	58.93 4.88 -0.23	107.53 9.35 -0.62	108.54 9.77 -5.17	95.45 9.24 0.00	99.05 8.37 0.00	93.03 6.77 0.00	108.42 6.34 0.00	93.31 5.35 0.00	60.37 3.60 0.00
NYPA_POUCH1____GT 24155	58.91 3.78 0.00	45.58 2.55 -4.82	37.87 2.68 -0.74	38.37 2.59 0.00	38.60 2.54 0.00	40.12 2.51 0.00	44.00 2.56 0.00	49.63 2.82 0.00	52.50 3.19 0.00	72.00 4.91 -1.20	69.15 3.61 -24.00	55.72 4.54 -0.59	70.54 4.64 -13.73	62.16 4.92 -3.71	58.46 4.90 -1.75	58.89 4.84 -0.23	107.38 9.19 -0.62	108.46 9.69 -5.17	95.40 9.19 0.00	98.99 8.31 0.00	93.03 6.76 0.00	108.36 6.28 0.00	93.25 5.29 0.00	60.34 3.56 0.00
NYPA_VERNON____GT2 24162	58.93 3.80 0.00	45.66 2.63 -4.82	37.92 2.72 -0.74	38.41 2.63 0.00	38.66 2.60 0.00	40.16 2.55 0.00	44.06 2.63 0.00	49.77 2.96 0.00	52.77 3.46 0.00	72.29 5.20 -1.20	69.23 3.69 -24.00	55.79 4.61 -0.59	70.62 4.72 -13.73	62.17 4.94 -3.71	58.47 4.91 -1.75	58.89 4.84 -0.23	107.54 9.35 -0.62	108.52 9.75 -5.17	95.40 9.20 0.00	99.03 8.35 0.00	92.97 6.70 0.00	108.39 6.31 0.00	93.26 5.30 0.00	60.28 3.50 0.00
NYPA_VERNON____GT3 24163	58.93 3.80 0.00	45.66 2.63 -4.82	37.92 2.72 -0.74	38.41 2.63 0.00	38.66 2.60 0.00	40.16 2.55 0.00	44.06 2.63 0.00	49.77 2.96 0.00	52.77 3.46 0.00	72.29 5.20 -1.20	69.23 3.69 -24.00	55.79 4.61 -0.59	70.62 4.72 -13.73	62.17 4.94 -3.71	58.47 4.91 -1.75	58.89 4.84 -0.23	107.54 9.35 -0.62	108.52 9.75 -5.17	95.40 9.20 0.00	99.03 8.35 0.00	92.97 6.70 0.00	108.39 6.31 0.00	93.26 5.30 0.00	60.28 3.50 0.00
NYPA____ASTORIA_CC1 323568	58.86 3.74 0.00	45.63 2.60 -4.82	37.90 2.70 -0.74	38.39 2.61 0.00	38.64 2.58 0.00	40.14 2.53 0.00	44.03 2.60 0.00	49.74 2.93 0.00	52.74 3.43 0.00	72.24 5.14 -1.20	69.20 3.66 -24.00	55.75 4.57 -0.59	70.57 4.68 -13.73	62.13 4.89 -3.71	58.42 4.86 -1.75	58.84 4.79 -0.23	107.42 9.24 -0.62	108.42 9.65 -5.17	95.32 9.11 0.00	98.94 8.26 0.00	92.88 6.62 0.00	108.27 6.19 0.00	93.15 5.20 0.00	60.22 3.45 0.00
NYPA____ASTORIA_CC2 323569	58.86 3.74 0.00	45.63 2.60 -4.82	37.90 2.70 -0.74	38.39 2.61 0.00	38.64 2.58 0.00	40.14 2.53 0.00	44.03 2.60 0.00	49.74 2.93 0.00	52.74 3.43 0.00	72.24 5.14 -1.20	69.20 3.66 -24.00	55.75 4.57 -0.59	70.57 4.68 -13.73	62.13 4.89 -3.71	58.42 4.86 -1.75	58.84 4.79 -0.23	107.42 9.24 -0.62	108.42 9.65 -5.17	95.32 9.11 0.00	98.94 8.26 0.00	92.88 6.62 0.00	108.27 6.19 0.00	93.15 5.20 0.00	60.22 3.45 0.00
NYPA____HOLTSVILL 23794	59.07 3.94 0.00	46.12 3.11 -4.80	38.31 3.12 -0.74	38.74 2.97 0.00	38.92 2.86 0.00	40.44 2.83 0.00	44.50 3.07 0.00	50.55 3.74 0.00	53.78 4.47 0.00	86.11 6.27 -13.94	75.57 4.13 -29.90	59.54 5.07 -3.87	85.86 5.09 -28.60	85.09 5.29 -26.26	86.63 5.23 -29.59	55.69 4.63 2.75	102.67 8.86 3.74	105.84 8.58 -3.66	94.67 8.46 0.00	97.67 6.99 0.00	91.41 5.15 0.00	105.31 4.21 0.98	85.75 3.35 5.55	55.26 2.26 3.78
NYPA____HELLGATE_GT1 24158	59.03 3.90 0.00	45.76 2.73 -4.82	38.00 2.80 -0.74	38.49 2.71 0.00	38.73 2.67 0.00	40.23 2.62 0.00	44.13 2.69 0.00	49.88 3.08 0.00	52.91 3.60 0.00	72.53 5.44 -1.20	69.35 3.81 -24.00	55.85 4.67 -0.59	70.59 4.70 -13.73	62.19 4.95 -3.71	58.53 4.97 -1.75	58.92 4.88 -0.23	107.66 9.48 -0.62	108.59 9.82 -5.17	95.48 9.27 0.00	99.19 8.51 0.00	93.10 6.84 0.00	108.57 6.49 0.00	93.38 5.43 0.00	60.42 3.64 0.00
NYPA____HELLGATE_GT2 24159	59.03 3.90 0.00	45.76 2.73 -4.82	38.00 2.80 -0.74	38.49 2.71 0.00	38.73 2.67 0.00	40.23 2.62 0.00	44.13 2.69 0.00	49.88 3.08 0.00	52.91 3.60 0.00	72.53 5.44 -1.20	69.35 3.81 -24.00	55.85 4.67 -0.59	70.59 4.70 -13.73	62.19 4.95 -3.71	58.53 4.97 -1.75	58.92 4.88 -0.23	107.66 9.48 -0.62	108.59 9.82 -5.17	95.48 9.27 0.00	99.19 8.51 0.00	93.10 6.84 0.00	108.57 6.49 0.00	93.38 5.43 0.00	60.42 3.64 0.00
NYS_BARGE____HYD 23848	53.23 -1.89 0.00	36.90 -1.30 0.00	33.47 -0.99 0.00	34.57 -1.20 0.00	34.65 -1.40 0.00	36.23 -1.38 0.00	39.90 -1.54 0.00	45.10 -1.71 0.00	47.17 -2.14 0.00	63.37 -2.53 0.00	40.08 -1.46 0.00	48.80 -1.79 0.00	50.32 -1.84 0.00	51.76 -1.77 0.00	50.04 -1.77 0.00	52.63 -1.19 0.00	95.36 -2.20 0.00	92.20 -1.41 0.00	84.87 -1.34 0.00	88.96 -1.71 0.00	85.11 -1.15 0.00	100.41 -1.66 0.00	87.68 -0.27 0.00	56.29 -0.49 0.00
OAK ORCHARD____HYD 24046	54.67 -0.45 0.00	37.87 -0.34 0.00	34.26 -0.19 0.00	35.43 -0.35 0.00	35.58 -0.47 0.00	37.16 -0.45 0.00	40.89 -0.55 0.00	46.16 -0.64 0.00	48.44 -0.87 0.00	64.99 -0.91 0.00	41.00 -0.54 0.00	49.94 -0.65 0.00	51.57 -0.59 0.00	53.10 -0.43 0.00	51.40 -0.41 0.00	53.87 0.05 0.00	97.83 0.27 0.00	94.49 0.88 0.00	87.17 0.96 0.00	91.49 0.81 0.00	87.18 0.91 0.00	102.74 0.66 0.00	88.92 0.96 0.00	57.14 0.36 0.00

OAKDALE___35_KV_LOAD 356122	55.22 0.09 0.00	38.24 0.04 0.00	34.67 0.21 0.00	35.89 0.11 0.00	36.12 0.06 0.00	37.64 0.03 0.00	41.47 0.03 0.00	46.74 -0.07 0.00	49.11 -0.20 0.00	65.78 -0.11 0.00	41.38 -0.16 0.00	50.49 -0.11 0.00	52.14 -0.02 0.00	53.54 0.01 0.00	52.02 0.21 0.00	54.29 0.47 0.00	98.84 1.28 0.00	94.92 1.32 0.00	87.87 1.66 0.00	92.08 1.41 0.00	87.35 1.09 0.00	102.91 0.83 0.00	88.72 0.77 0.00	57.14 0.36 0.00
OCC_CHEM___DRP 24175	52.78 -2.34 0.00	36.63 -1.58 0.00	33.24 -1.21 0.00	34.36 -1.42 0.00	34.44 -1.62 0.00	36.00 -1.62 0.00	39.66 -1.78 0.00	44.89 -1.92 0.00	47.02 -2.29 0.00	63.18 -2.72 0.00	39.94 -1.60 0.00	48.66 -1.94 0.00	49.96 -2.20 0.00	51.30 -2.23 0.00	49.52 -2.29 0.00	52.06 -1.76 0.00	94.21 -3.35 0.00	90.88 -2.73 0.00	83.49 -2.72 0.00	87.34 -3.34 0.00	83.50 -2.76 0.00	98.56 -3.51 0.00	86.42 -1.54 0.00	55.69 -1.08 0.00
OH_GEN_PROXY 24063	52.85 -2.27 0.00	36.66 -1.55 0.00	33.27 -1.19 0.00	34.39 -1.39 0.00	34.48 -1.57 0.00	36.04 -1.57 0.00	39.71 -1.72 0.00	44.57 -1.88 0.36	47.07 -2.25 0.00	63.25 -2.64 0.00	39.95 -1.59 0.00	48.66 -1.93 0.00	50.17 -2.00 0.00	51.60 -1.93 0.00	49.85 -1.96 0.00	52.39 -1.43 0.00	94.95 -2.61 0.00	92.42 -2.03 -0.84	83.75 -2.04 0.42	88.03 -2.65 0.00	84.10 -2.16 0.00	99.29 -2.78 0.00	86.62 -1.33 0.00	55.70 -1.07 0.00
OLIN_CORP_DRP 24177	52.52 -2.60 0.00	36.44 -1.77 0.00	33.06 -1.39 0.00	34.16 -1.62 0.00	34.24 -1.82 0.00	35.81 -1.80 0.00	39.47 -1.96 0.00	44.63 -2.18 0.00	46.69 -2.62 0.00	62.75 -3.15 0.00	39.69 -1.85 0.00	48.32 -2.28 0.00	49.79 -2.38 0.00	51.21 -2.32 0.00	49.45 -2.36 0.00	52.00 -1.82 0.00	94.12 -3.44 0.00	90.91 -2.70 0.00	83.60 -2.61 0.00	87.55 -3.13 0.00	83.74 -2.53 0.00	98.76 -3.32 0.00	86.35 -1.60 0.00	55.45 -1.33 0.00
OLIN_CORP_DSASP 323712	52.79 -2.34 0.00	36.63 -1.58 0.00	33.24 -1.22 0.00	34.36 -1.42 0.00	34.44 -1.62 0.00	36.00 -1.61 0.00	39.66 -1.78 0.00	44.88 -1.92 0.00	47.02 -2.29 0.00	63.17 -2.72 0.00	39.95 -1.59 0.00	48.66 -1.93 0.00	49.96 -2.20 0.00	51.31 -2.23 0.00	49.53 -2.28 0.00	52.06 -1.76 0.00	94.18 -3.38 0.00	90.92 -2.69 0.00	83.50 -2.71 0.00	87.33 -3.35 0.00	83.51 -2.76 0.00	98.58 -3.50 0.00	86.42 -1.54 0.00	55.69 -1.08 0.00
ONEIDA_HERK_LFGE 323681	56.54 1.41 0.00	39.11 0.91 0.00	35.32 0.86 0.00	36.63 0.85 0.00	36.93 0.87 0.00	38.55 0.94 0.00	42.38 0.94 0.00	47.82 1.01 0.00	50.45 1.14 0.00	67.37 1.47 0.00	42.36 0.82 0.00	51.45 0.85 0.00	53.04 0.88 0.00	54.33 0.80 0.00	52.52 0.71 0.00	54.54 0.72 0.00	98.97 1.41 0.00	95.43 1.83 0.00	88.60 2.39 0.00	93.94 3.26 0.00	89.71 3.45 0.00	106.03 3.96 0.00	90.97 3.02 0.00	58.50 1.73 0.00
ONEIDA___115KV_TB4 55905	56.64 1.51 0.00	39.20 0.99 0.00	35.41 0.95 0.00	36.69 0.91 0.00	36.95 0.90 0.00	38.53 0.92 0.00	42.40 0.96 0.00	47.81 1.00 0.00	50.32 1.01 0.00	67.16 1.27 0.00	42.23 0.69 0.00	51.44 0.84 0.00	53.00 0.84 0.00	54.41 0.87 0.00	52.66 0.84 0.00	54.71 0.89 0.00	99.46 1.90 0.00	95.87 2.26 0.00	88.93 2.73 0.00	94.04 3.36 0.00	89.53 3.26 0.00	105.63 3.56 0.00	90.74 2.79 0.00	58.33 1.55 0.00
ONONDAGA_REF_OCCRA 23987	55.10 -0.02 0.00	38.20 -0.01 0.00	34.55 0.09 0.00	35.77 -0.01 0.00	36.01 -0.05 0.00	37.54 -0.07 0.00	41.32 -0.11 0.00	46.58 -0.22 0.00	48.98 -0.33 0.00	65.47 -0.42 0.00	41.13 -0.41 0.00	50.04 -0.56 0.00	51.59 -0.57 0.00	53.03 -0.50 0.00	51.47 -0.34 0.00	53.62 -0.20 0.00	97.53 -0.03 0.00	93.89 0.28 0.00	86.96 0.75 -0.01	91.56 0.72 -0.15	87.11 0.61 -0.24	103.27 0.25 -0.94	88.80 0.18 -0.66	56.73 -0.06 -0.01
ONONDAGA___COGEN 23986	55.00 -0.12 0.00	38.15 -0.06 0.00	34.50 0.04 0.00	35.72 -0.06 0.00	35.97 -0.09 0.00	37.51 -0.10 0.00	41.30 -0.13 0.00	46.53 -0.27 0.00	48.94 -0.37 0.00	65.43 -0.47 0.00	41.11 -0.43 0.00	49.99 -0.61 0.00	51.54 -0.63 0.00	52.96 -0.57 0.00	51.39 -0.42 0.00	53.53 -0.29 0.00	97.36 -0.20 0.00	93.73 0.13 0.00	86.74 0.51 -0.02	91.66 0.47 -0.51	87.45 0.39 -0.80	105.19 0.03 -3.08	90.13 -0.02 -2.19	56.65 -0.16 -0.03
ONTARIO___LFGE 23819	55.18 0.05 0.00	38.32 0.12 0.00	34.69 0.24 0.00	35.84 0.06 0.00	36.02 -0.03 0.00	37.57 -0.04 0.00	41.43 -0.01 0.00	46.63 -0.18 0.00	48.66 -0.65 0.00	65.08 -0.82 0.00	41.12 -0.42 0.00	50.03 -0.56 0.00	51.52 -0.64 0.00	52.98 -0.55 0.00	51.37 -0.44 0.00	53.71 -0.10 0.00	97.38 0.63 0.00	94.23 0.63 0.00	87.53 1.31 -0.01	92.29 1.43 -0.19	88.02 1.46 -0.30	104.13 0.90 -1.15	89.65 0.88 -0.82	57.37 0.59 -0.01
ORANGEVILLE_WT_PWR 323706	53.93 -1.19 0.00	37.37 -0.84 0.00	33.86 -0.59 0.00	34.98 -0.80 0.00	35.08 -0.97 0.00	36.62 -0.99 0.00	40.37 -1.07 0.00	45.46 -1.35 0.00	47.44 -1.87 0.00	63.65 -2.25 0.00	40.15 -1.39 0.00	48.88 -1.72 0.00	50.39 -1.77 0.00	51.77 -1.76 0.00	50.16 -1.66 0.00	52.68 -1.15 0.00	95.70 -1.86 0.00	92.39 -1.22 0.00	85.53 -0.68 0.00	90.07 -0.61 0.00	86.22 -0.05 0.00	101.77 -0.31 0.00	88.42 0.46 0.00	56.89 0.12 0.00
ORANGEVILLE___ESR 323794	53.93 -1.19 0.00	37.37 -0.84 0.00	33.86 -0.59 0.00	34.98 -0.80 0.00	35.08 -0.97 0.00	36.62 -0.99 0.00	40.37 -1.07 0.00	45.46 -1.35 0.00	47.44 -1.87 0.00	63.65 -2.25 0.00	40.15 -1.39 0.00	48.88 -1.72 0.00	50.39 -1.77 0.00	51.77 -1.76 0.00	50.16 -1.66 0.00	52.68 -1.15 0.00	95.70 -1.86 0.00	92.39 -1.22 0.00	85.53 -0.68 0.00	90.07 -0.61 0.00	86.22 -0.05 0.00	101.77 -0.31 0.00	88.42 0.46 0.00	56.89 0.12 0.00
OSWEGATCHIE___HYD 24044	56.09 0.96 0.00	38.81 0.60 0.00	34.92 0.46 0.00	36.28 0.50 0.00	36.58 0.53 0.00	38.22 0.61 0.00	42.03 0.60 0.00	47.50 0.69 0.00	50.13 0.82 0.00	66.84 0.94 0.00	42.00 0.46 0.00	50.87 0.27 0.00	52.50 0.33 0.00	53.70 0.17 0.00	51.72 -0.09 0.00	53.65 -0.18 0.00	97.06 -0.50 0.00	93.39 -0.21 0.00	86.61 0.39 -0.01	92.57 1.70 -0.19	89.31 2.74 -0.30	106.87 3.62 -1.17	91.70 2.92 -0.83	58.58 1.79 -0.01
OSWEGO___5 23606	54.03 -1.10 0.00	37.51 -0.70 0.00	33.90 -0.56 0.00	35.14 -0.64 0.00	35.39 -0.67 0.00	36.90 -0.72 0.00	40.62 -0.81 0.00	45.82 -0.98 0.00	48.21 -1.10 0.00	64.43 -1.47 0.00	40.46 -1.08 0.00	49.21 -1.38 0.00	50.74 -1.43 0.00	52.13 -1.40 0.00	50.52 -1.30 0.00	52.57 -1.25 0.00	95.43 -2.13 0.00	91.76 -1.85 0.00	84.95 -1.40 -0.14	92.20 -1.56 -3.07	89.59 -1.51 -4.84	118.70 -2.09 -18.71	99.50 -1.74 -13.28	55.75 -1.20 -0.17
OSWEGO___6 23613	54.03 -1.10 0.00	37.51 -0.70 0.00	33.90 -0.56 0.00	35.14 -0.64 0.00	35.39 -0.67 0.00	36.90 -0.72 0.00	40.62 -0.81 0.00	45.82 -0.98 0.00	48.21 -1.10 0.00	64.43 -1.47 0.00	40.46 -1.08 0.00	49.21 -1.38 0.00	50.74 -1.43 0.00	52.13 -1.40 0.00	50.52 -1.30 0.00	52.57 -1.25 0.00	95.43 -2.13 0.00	91.76 -1.85 0.00	84.95 -1.40 -0.14	92.20 -1.56 -3.07	89.59 -1.51 -4.84	118.70 -2.09 -18.71	99.50 -1.74 -13.28	55.75 -1.20 -0.17

OUTOKUMPU-AB___DRP 24206	53.68 -1.45 0.00	37.21 -0.99 0.00	33.73 -0.72 0.00	34.84 -0.94 0.00	34.92 -1.13 0.00	36.49 -1.12 0.00	40.19 -1.25 0.00	45.48 -1.33 0.00	47.61 -1.70 0.00	64.00 -1.90 0.00	40.48 -1.06 0.00	49.36 -1.24 0.00	50.84 -1.32 0.00	52.30 -1.24 0.00	50.57 -1.24 0.00	53.21 -0.61 0.00	96.49 -1.07 0.00	93.05 -0.55 0.00	85.64 -0.57 0.00	89.66 -1.02 0.00	85.67 -0.60 0.00	101.10 -0.98 0.00	88.33 0.37 0.00	56.75 -0.03 0.00
OXBOW___BTM 323836	53.22 -1.90 0.00	36.91 -1.30 0.00	33.48 -0.98 0.00	34.58 -1.20 0.00	34.66 -1.39 0.00	36.22 -1.39 0.00	39.90 -1.54 0.00	45.15 -1.65 0.00	47.30 -2.01 0.00	63.57 -2.33 0.00	40.22 -1.32 0.00	49.01 -1.58 0.00	50.43 -1.74 0.00	51.81 -1.72 0.00	50.08 -1.73 0.00	52.69 -1.13 0.00	95.43 -2.13 0.00	91.78 -1.82 0.00	84.38 -1.83 0.00	88.26 -2.41 0.00	84.41 -1.86 0.00	99.83 -2.25 0.00	87.41 -0.55 0.00	56.24 -0.53 0.00
OXBOW___ 24026	53.23 -1.89 0.00	36.90 -1.30 0.00	33.48 -0.98 0.00	34.58 -1.20 0.00	34.66 -1.39 0.00	36.22 -1.39 0.00	39.90 -1.54 0.00	45.15 -1.65 0.00	47.30 -2.02 0.00	63.57 -2.32 0.00	40.21 -1.33 0.00	49.01 -1.59 0.00	50.42 -1.75 0.00	51.81 -1.72 0.00	50.07 -1.74 0.00	52.68 -1.14 0.00	95.45 -2.11 0.00	91.73 -1.88 0.00	84.37 -1.83 0.00	88.28 -2.40 0.00	84.40 -1.86 0.00	99.80 -2.28 0.00	87.43 -0.53 0.00	56.24 -0.53 0.00
OXY_CHEM_DSASP 323612	52.78 -2.34 0.00	36.63 -1.58 0.00	33.24 -1.21 0.00	34.36 -1.42 0.00	34.44 -1.62 0.00	36.00 -1.62 0.00	39.66 -1.78 0.00	44.89 -1.92 0.00	47.02 -2.29 0.00	63.18 -2.72 0.00	39.94 -1.60 0.00	48.66 -1.94 0.00	49.96 -2.20 0.00	51.30 -2.23 0.00	49.52 -2.29 0.00	52.06 -1.76 0.00	94.21 -3.35 0.00	90.88 -2.73 0.00	83.49 -2.72 0.00	87.34 -3.34 0.00	83.50 -2.76 0.00	98.56 -3.51 0.00	86.42 -1.54 0.00	55.69 -1.08 0.00
OZONE_PARK_ESR 323760	59.91 4.79 0.00	46.30 3.27 -4.83	38.45 3.25 -0.74	38.97 3.19 0.00	39.21 3.15 0.00	40.75 3.14 0.00	44.71 3.28 0.00	50.53 3.72 0.00	53.64 4.33 0.00	73.48 6.38 -1.20	69.97 4.40 -24.03	56.71 5.52 -0.59	71.61 5.71 -13.73	63.22 5.99 -3.71	59.52 5.96 -1.75	60.07 6.02 -0.23	109.76 11.58 -0.62	110.63 11.86 -5.17	97.36 11.15 0.00	101.01 10.33 0.00	94.79 8.53 0.00	110.63 8.55 0.00	95.21 7.26 0.00	61.44 4.67 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	52.78 -2.34 0.00	36.63 -1.58 0.00	33.24 -1.21 0.00	34.36 -1.42 0.00	34.44 -1.62 0.00	36.00 -1.62 0.00	39.66 -1.78 0.00	44.89 -1.92 0.00	47.02 -2.29 0.00	63.18 -2.72 0.00	39.94 -1.60 0.00	48.66 -1.94 0.00	49.96 -2.20 0.00	51.30 -2.23 0.00	49.52 -2.29 0.00	52.06 -1.76 0.00	94.21 -3.35 0.00	90.88 -2.73 0.00	83.49 -2.72 0.00	87.34 -3.34 0.00	83.50 -2.76 0.00	98.56 -3.51 0.00	86.42 -1.54 0.00	55.69 -1.08 0.00
PACKARD___115KV_DUPONT_184 80571	52.78 -2.34 0.00	36.63 -1.58 0.00	33.24 -1.21 0.00	34.36 -1.42 0.00	34.44 -1.62 0.00	36.00 -1.62 0.00	39.66 -1.78 0.00	44.89 -1.92 0.00	47.02 -2.29 0.00	63.18 -2.72 0.00	39.94 -1.60 0.00	48.66 -1.94 0.00	49.96 -2.20 0.00	51.30 -2.23 0.00	49.52 -2.29 0.00	52.06 -1.76 0.00	94.21 -3.35 0.00	90.88 -2.73 0.00	83.49 -2.72 0.00	87.34 -3.34 0.00	83.50 -2.76 0.00	98.56 -3.51 0.00	86.42 -1.54 0.00	55.69 -1.08 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	59.02 3.90 0.00	45.73 2.70 -4.82	37.96 2.76 -0.74	38.44 2.67 0.00	38.69 2.64 0.00	40.20 2.59 0.00	44.11 2.67 0.00	49.84 3.03 0.00	52.87 3.56 0.00	72.47 5.37 -1.20	69.31 3.77 -24.00	55.83 4.65 -0.59	70.62 4.72 -13.73	62.22 4.98 -3.71	58.54 4.98 -1.75	58.95 4.90 -0.23	107.68 9.49 -0.62	108.65 9.88 -5.17	95.52 9.31 0.00	99.22 8.54 0.00	93.14 6.87 0.00	108.63 6.55 0.00	93.41 5.46 0.00	60.41 3.64 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	60.69 5.56 0.00	46.97 3.94 -4.82	39.11 3.91 -0.74	39.62 3.85 0.00	39.90 3.84 0.00	41.44 3.83 0.00	45.49 4.05 0.00	51.40 4.59 0.00	54.50 5.20 0.00	74.71 7.62 -1.20	70.75 5.21 -24.00	57.45 6.27 -0.59	72.19 6.29 -13.73	63.87 6.64 -3.71	60.20 6.63 -1.75	60.60 6.55 -0.23	110.77 12.59 -0.62	111.77 13.00 -5.17	98.54 12.34 0.00	102.39 11.71 0.00	96.13 9.87 0.00	112.13 10.05 0.00	96.39 8.44 0.00	62.28 5.50 0.00
PATROON___115KV_TB1 80586	56.22 1.10 0.00	38.94 0.74 0.00	35.33 0.87 0.00	36.56 0.78 0.00	36.84 0.79 0.00	38.37 0.76 0.00	42.02 0.59 0.00	47.35 0.54 0.00	49.98 0.67 0.00	66.87 0.97 0.00	41.36 0.72 0.90	50.90 0.94 0.63	38.54 0.97 14.60	50.63 1.04 3.94	51.01 1.05 1.86	54.68 1.10 0.24	99.35 2.45 0.66	90.86 2.74 5.49	89.13 2.92 0.00	93.39 2.71 0.00	88.34 2.08 0.00	103.65 1.57 0.00	89.18 1.23 0.00	57.43 0.66 0.00
PATTRSNVILLE___SOLAR 323815	57.12 1.99 0.00	39.52 1.31 0.00	35.79 1.33 0.00	37.08 1.30 0.00	37.32 1.26 0.00	38.88 1.27 0.00	42.66 1.22 0.00	47.83 1.02 0.00	50.34 1.03 0.00	67.20 1.30 0.00	41.21 0.67 1.00	50.82 0.92 0.70	36.80 0.85 16.22	50.04 0.89 4.38	50.59 0.85 2.07	54.41 0.86 0.27	98.53 1.71 0.74	89.71 2.21 6.10	89.02 2.81 0.00	94.24 3.56 0.00	89.78 3.52 0.00	105.78 3.70 0.00	91.08 3.13 0.00	58.63 1.86 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	53.60 -1.53 0.00	37.10 -1.11 0.00	33.63 -0.83 0.00	34.72 -1.06 0.00	34.83 -1.22 0.00	36.40 -1.22 0.00	40.11 -1.33 0.00	45.36 -1.45 0.00	47.51 -1.80 0.00	63.84 -2.06 0.00	40.30 -1.25 0.00	49.17 -1.42 0.00	50.84 -1.33 0.00	52.32 -1.21 0.00	50.71 -1.10 0.00	53.38 -0.44 0.00	97.06 -0.50 0.00	93.57 -0.03 0.00	86.27 0.06 0.00	90.28 -0.40 0.00	86.07 -0.19 0.00	101.51 -0.57 0.00	88.29 0.33 0.00	56.67 -0.11 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	58.77 3.65 0.00	41.61 2.46 -0.95	37.08 2.47 -0.15	38.17 2.39 0.00	38.43 2.37 0.00	39.95 2.34 0.00	43.86 2.43 0.00	49.51 2.71 0.00	52.52 3.21 0.00	70.89 4.75 -0.24	50.06 3.27 -5.25	55.26 4.20 -0.47	70.04 4.35 -13.52	61.73 4.55 -3.66	58.08 4.55 -1.72	58.70 4.65 -0.23	107.30 9.12 -0.61	108.19 9.49 -5.09	95.24 9.03 0.00	99.12 8.44 0.00	93.09 6.82 0.00	108.64 6.56 0.00	93.29 5.34 0.00	60.04 3.27 0.00
PEEKSKILL___ 23653	58.42 3.29 0.00	45.75 2.21 -5.33	37.54 2.27 -0.82	37.96 2.18 0.00	38.23 2.17 0.00	39.73 2.12 0.00	43.60 2.16 0.00	49.23 2.42 0.00	52.20 2.89 0.00	71.53 4.30 -1.32	70.98 2.99 -26.45	55.01 3.83 -0.58	69.68 3.95 -13.57	61.32 4.13 -3.66	57.65 4.11 -1.73	58.13 4.09 -0.23	106.15 7.98 -0.62	107.05 8.34 -5.11	94.18 7.98 0.00	97.92 7.25 0.00	91.96 5.70 0.00	107.30 5.23 0.00	92.28 4.32 0.00	59.51 2.74 0.00
PGE MADISON___WINDPWR 24146	58.44 3.31 0.00	40.43 2.23 0.00	36.69 2.23 0.00	37.99 2.21 0.00	38.24 2.18 0.00	39.91 2.31 0.00	44.04 2.60 0.00	49.68 2.88 0.00	52.16 2.85 0.00	69.56 3.66 0.00	43.75 2.20 0.00	53.25 2.65 0.00	54.75 2.58 0.00	56.19 2.66 0.00	54.35 2.54 0.00	56.76 2.94 0.00	103.69 6.13 0.00	100.47 6.87 0.00	94.06 7.84 0.00	99.96 9.28 0.00	95.20 8.93 0.00	111.88 9.80 0.00	95.94 7.98 0.00	61.36 4.59 0.00

PIERCEFIELD___HYD 23852	55.72 0.59 0.00	38.62 0.41 0.00	34.63 0.17 0.00	36.03 0.26 0.00	36.30 0.24 0.00	37.88 0.27 0.00	41.75 0.31 0.00	47.37 0.57 0.00	50.00 0.68 0.00	66.54 0.64 0.00	41.98 0.43 0.00	51.09 0.50 0.00	52.70 0.54 0.00	53.88 0.34 0.00	51.90 0.09 0.00	53.71 -0.11 0.00	97.02 -0.54 0.00	92.87 -0.74 0.00	85.47 -0.74 0.00	90.96 0.28 0.00	87.72 1.46 0.00	104.43 2.35 0.00	90.00 2.05 0.00	58.23 1.46 0.00
PINELAWN_CC_1 323563	59.30 4.17 0.00	46.22 3.21 -4.80	38.39 3.20 -0.74	38.84 3.06 0.00	39.03 2.97 0.00	40.53 2.92 0.00	44.58 3.15 0.00	50.57 3.76 0.00	53.78 4.47 0.00	86.16 6.33 -13.94	76.04 4.23 -30.27	59.38 4.92 -3.87	85.51 4.75 -28.60	84.69 4.90 -26.26	84.22 4.92 -27.49	59.10 4.49 -0.79	106.96 8.78 -0.62	107.12 8.55 -4.96	94.60 8.39 0.00	97.78 7.11 0.00	91.53 5.27 0.00	105.73 4.40 0.75	90.63 3.82 1.14	59.82 3.05 0.00
PJM_GEN_HTTP_PROXY 323702	58.84 3.71 0.00	45.59 2.56 -4.83	37.84 2.61 -0.78	38.33 2.55 0.00	38.59 2.53 0.00	40.10 2.49 0.00	44.01 2.57 0.00	49.70 2.90 0.00	52.75 3.44 0.00	69.87 5.14 1.17	69.18 3.57 -24.06	56.72 4.48 -1.64	70.50 4.60 -13.73	62.00 4.76 -3.71	58.30 4.74 -1.75	58.76 4.71 -0.23	107.36 9.17 -0.62	108.27 9.50 -5.17	93.61 9.01 1.61	98.77 8.10 0.00	92.73 6.47 0.00	108.17 6.09 0.00	93.08 5.12 0.00	60.11 3.33 0.00
PJM_GEN_KEystone 24065	55.81 0.68 0.00	20.12 0.36 18.45	33.85 0.58 1.19	36.20 0.42 0.00	36.43 0.38 0.00	31.05 0.32 6.88	26.04 0.31 15.70	47.12 0.32 0.00	49.67 0.36 0.00	62.42 0.87 4.35	3.84 0.65 38.34	52.94 0.97 -1.38	60.93 1.10 -7.66	56.80 1.21 -2.07	54.11 1.33 -0.97	55.51 1.56 -0.13	101.20 3.30 -0.35	99.99 3.50 -2.88	88.02 3.42 1.61	93.31 2.64 0.00	88.15 1.88 0.00	103.47 1.39 0.00	89.35 1.39 0.00	57.60 0.82 0.00
PJM_GEN_NEPTUNE_PROXY 323594	58.64 3.52 0.00	45.71 2.70 -4.80	37.94 2.71 -0.77	38.38 2.60 0.00	38.59 2.53 0.00	40.09 2.48 0.00	44.06 2.62 0.00	49.94 3.13 0.00	53.07 3.76 0.00	82.86 5.39 -11.57	74.80 3.64 -29.62	60.03 4.51 -4.92	85.32 4.55 -28.60	84.47 4.68 -26.26	82.66 4.62 -26.23	51.16 4.27 6.93	99.87 8.58 6.28	104.84 8.37 -2.86	92.71 8.11 1.61	97.57 6.89 0.00	91.45 5.18 0.00	105.56 4.38 0.90	86.15 3.73 5.53	53.20 2.57 6.14
PJM_GEN_VFT_PROXY 323633	58.60 3.47 0.00	42.73 2.35 -2.18	37.68 2.44 -0.78	38.15 2.37 0.00	38.41 2.36 0.00	39.92 2.30 0.00	43.77 2.34 0.00	49.44 2.64 0.00	52.46 3.15 0.00	69.51 4.78 1.17	61.63 3.38 -16.71	56.50 4.26 -1.64	70.27 4.38 -13.73	61.80 4.56 -3.71	58.11 4.55 -1.75	58.51 4.47 -0.23	107.02 8.83 -0.62	107.99 9.22 -5.17	93.28 8.68 1.61	98.35 7.67 0.00	92.28 6.01 0.00	107.58 5.51 0.01	92.53 4.58 0.01	59.79 3.02 0.00
PLATSBURG_115KV_PMLD1 355749	55.39 0.26 0.00	38.44 0.23 0.00	34.47 0.01 0.00	35.76 -0.02 0.00	36.04 -0.01 0.00	37.58 -0.03 0.00	41.44 0.01 0.00	46.98 0.17 0.00	49.86 0.54 0.00	66.32 0.42 0.00	41.85 0.31 0.00	51.00 0.40 0.00	52.71 0.55 0.00	53.95 0.42 0.00	51.96 0.15 0.00	53.97 0.15 0.00	97.96 0.40 0.00	93.91 0.30 0.00	86.00 -0.21 0.00	91.25 0.57 0.00	87.41 1.15 0.00	103.74 1.66 0.00	89.25 1.30 0.00	57.83 1.06 0.00
PLEASANTVLY___LBMP 24000	57.78 2.65 0.00	41.40 1.80 -1.40	36.58 1.91 -0.21	37.62 1.84 0.00	37.90 1.84 0.00	39.43 1.82 0.00	43.26 1.82 0.00	48.78 1.97 0.00	51.68 2.37 0.00	69.73 3.48 -0.35	51.60 2.38 -7.67	54.31 3.06 -0.65	70.22 3.14 -14.92	60.83 3.27 -4.03	56.96 3.25 -1.90	57.29 3.23 -0.25	104.60 6.36 -0.68	105.96 6.74 -5.61	92.71 6.50 0.00	96.63 5.95 0.00	90.92 4.66 0.00	106.22 4.14 0.00	91.43 3.48 0.00	58.93 2.16 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	58.68 3.56 0.00	44.74 2.42 -4.11	37.56 2.47 -0.63	38.17 2.40 0.00	38.45 2.39 0.00	39.95 2.34 0.00	43.84 2.41 0.00	49.52 2.71 0.00	52.55 3.24 0.00	71.68 4.77 -1.02	65.45 3.30 -20.60	55.39 4.20 -0.59	70.26 4.31 -13.78	61.75 4.50 -3.72	58.06 4.49 -1.76	58.54 4.49 -0.23	106.91 8.73 -0.63	107.86 9.07 -5.19	94.83 8.62 0.00	98.57 7.90 0.00	92.59 6.32 0.00	108.00 5.92 0.00	92.84 4.88 0.00	59.92 3.14 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	58.68 3.56 0.00	44.74 2.42 -4.11	37.56 2.47 -0.63	38.17 2.40 0.00	38.45 2.39 0.00	39.95 2.34 0.00	43.84 2.41 0.00	49.52 2.71 0.00	52.55 3.24 0.00	71.68 4.77 -1.02	65.45 3.30 -20.60	55.39 4.20 -0.59	70.26 4.31 -13.78	61.75 4.50 -3.72	58.06 4.49 -1.76	58.54 4.49 -0.23	106.91 8.73 -0.63	107.86 9.07 -5.19	94.83 8.62 0.00	98.57 7.90 0.00	92.59 6.32 0.00	108.00 5.92 0.00	92.84 4.88 0.00	59.92 3.14 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	58.38 3.25 0.00	40.40 2.19 0.00	36.69 2.23 0.00	37.93 2.15 0.00	38.18 2.12 0.00	39.70 2.09 0.00	43.59 2.16 0.00	49.17 2.36 0.00	52.09 2.78 0.00	69.95 4.05 0.00	43.39 2.78 0.93	53.52 3.57 0.65	68.91 3.78 -12.97	61.04 3.94 -3.57	57.44 3.94 -1.68	58.09 4.05 -0.22	106.17 8.01 -0.60	107.05 8.48 -4.97	94.38 8.17 0.00	98.38 7.71 0.00	92.50 6.23 0.00	107.98 5.90 0.00	92.74 4.79 0.00	59.63 2.85 0.00
POLETTI_____ 23519	58.82 3.69 0.00	45.56 2.53 -4.83	37.78 2.58 -0.74	38.29 2.52 0.00	38.56 2.50 0.00	40.06 2.45 0.00	43.96 2.52 0.00	49.65 2.84 0.00	52.69 3.38 0.00	72.16 5.07 -1.20	69.12 3.55 -24.03	55.63 4.45 -0.59	70.46 4.56 -13.73	61.98 4.75 -3.71	58.29 4.73 -1.75	58.74 4.69 -0.23	107.31 9.13 -0.62	108.28 9.51 -5.17	95.19 8.98 0.00	98.76 8.08 0.00	92.69 6.43 0.00	108.12 6.04 0.00	93.02 5.06 0.00	60.11 3.33 0.00
POMONA___ESR 323819	58.52 3.40 0.00	32.52 2.25 7.93	35.51 2.27 1.22	37.97 2.19 0.00	38.23 2.17 0.00	39.73 2.12 0.00	43.60 2.16 0.00	49.23 2.42 0.00	52.20 2.89 0.00	68.28 4.34 1.97	7.29 3.02 37.28	55.07 3.91 -0.56	69.35 4.05 -13.14	61.33 4.25 -3.55	57.72 4.24 -1.67	58.27 4.23 -0.22	106.39 8.23 -0.60	107.14 8.59 -4.94	94.37 8.16 0.00	98.09 7.41 0.00	92.07 5.81 0.00	107.40 5.33 0.00	92.31 4.36 0.00	59.54 2.77 0.00
PORT_JEFF_3 23555	59.24 4.12 0.00	46.23 3.22 -4.80	38.39 3.20 -0.74	38.84 3.06 0.00	39.02 2.96 0.00	40.52 2.91 0.00	44.62 3.18 0.00	50.69 3.88 0.00	53.94 4.62 0.00	86.37 6.54 -13.94	75.76 4.32 -29.90	59.75 5.29 -3.87	86.05 5.29 -28.60	85.29 5.49 -26.26	87.15 5.43 -29.90	56.24 4.77 2.36	102.63 8.77 3.70	105.65 8.37 -3.67	94.50 8.28 0.00	97.46 6.78 0.00	91.20 4.93 0.00	105.19 4.12 1.01	85.47 3.25 5.74	55.27 2.23 3.74
PORT_JEFF_4 23616	59.24 4.12 0.00	46.23 3.22 -4.80	38.39 3.20 -0.74	38.84 3.06 0.00	39.02 2.96 0.00	40.52 2.91 0.00	44.62 3.18 0.00	50.69 3.88 0.00	53.94 4.62 0.00	86.37 6.54 -13.94	75.76 4.32 -29.90	59.75 5.29 -3.87	86.05 5.29 -28.60	85.29 5.49 -26.26	87.15 5.43 -29.90	56.24 4.77 2.36	102.63 8.77 3.70	105.65 8.37 -3.67	94.50 8.28 0.00	97.46 6.78 0.00	91.20 4.93 0.00	105.19 4.12 1.01	85.47 3.25 5.74	55.27 2.23 3.74

PORT_JEFF_IC 23713	59.32 4.20 0.00	46.27 3.27 -4.80	38.44 3.25 -0.74	38.88 3.10 0.00	39.05 3.00 0.00	40.57 2.96 0.00	44.66 3.22 0.00	50.75 3.94 0.00	54.02 4.71 0.00	86.50 6.67 -13.94	75.87 4.42 -29.91	59.89 5.43 -3.87	86.25 5.48 -28.60	85.54 5.74 -26.27	88.53 5.70 -31.01	57.85 5.04 1.01	103.23 9.25 3.59	105.89 8.58 -3.71	94.65 8.44 0.00	97.63 6.95 0.00	91.38 5.11 0.00	105.68 4.69 1.09	85.63 4.06 6.38	55.87 2.72 3.63
PPL PILGRIM_ST_GT1 24216	59.58 4.45 0.00	46.48 3.47 -4.80	38.64 3.44 -0.74	39.10 3.32 0.00	39.28 3.22 0.00	40.80 3.19 0.00	44.89 3.45 0.00	50.93 4.12 0.00	54.17 4.86 0.00	86.66 6.82 -13.94	76.06 4.55 -29.96	60.02 5.56 -3.87	85.98 5.22 -28.60	85.16 5.36 -26.26	84.41 5.31 -27.29	55.50 5.02 3.34	104.17 9.68 3.07	106.36 8.89 -3.86	94.97 8.76 0.00	98.06 7.38 0.00	91.68 5.42 0.00	105.52 4.49 1.04	86.21 4.01 5.75	56.57 2.94 3.14
PPL PILGRIM_ST_GT2 24217	59.58 4.45 0.00	46.48 3.47 -4.80	38.64 3.44 -0.74	39.10 3.32 0.00	39.28 3.22 0.00	40.80 3.19 0.00	44.89 3.45 0.00	50.93 4.12 0.00	54.17 4.86 0.00	86.66 6.82 -13.94	76.06 4.55 -29.96	60.02 5.56 -3.87	85.98 5.22 -28.60	85.16 5.36 -26.26	84.41 5.31 -27.29	55.50 5.02 3.34	104.17 9.68 3.07	106.36 8.89 -3.86	94.97 8.76 0.00	98.06 7.38 0.00	91.68 5.42 0.00	105.52 4.49 1.04	86.21 4.01 5.75	56.57 2.94 3.14
PPL_SHRM_GT3 24213	58.68 3.55 0.00	45.79 2.79 -4.80	38.00 2.80 -0.74	38.41 2.63 0.00	38.57 2.51 0.00	40.06 2.45 0.00	44.15 2.71 0.00	50.25 3.44 0.00	53.57 4.26 0.00	85.95 6.11 -13.94	75.49 4.04 -29.91	59.50 5.03 -3.87	85.86 5.10 -28.60	85.17 5.38 -26.26	87.27 5.33 -30.12	56.48 4.71 2.06	103.04 9.13 3.65	106.33 9.04 -3.69	95.09 8.88 0.00	98.06 7.38 0.00	91.82 5.56 0.00	105.55 4.49 1.02	85.53 3.42 5.85	55.28 2.19 3.68
PPL_SHRM_GT4 24214	58.68 3.55 0.00	45.79 2.79 -4.80	38.00 2.80 -0.74	38.41 2.63 0.00	38.57 2.51 0.00	40.06 2.45 0.00	44.15 2.71 0.00	50.25 3.44 0.00	53.57 4.26 0.00	85.95 6.11 -13.94	75.49 4.04 -29.91	59.50 5.03 -3.87	85.86 5.10 -28.60	85.17 5.38 -26.26	87.27 5.33 -30.12	56.48 4.71 2.06	103.04 9.13 3.65	106.33 9.04 -3.69	95.09 8.88 0.00	98.06 7.38 0.00	91.82 5.56 0.00	105.55 4.49 1.02	85.53 3.42 5.85	55.28 2.19 3.68
PROJECT___ORANGE 1 24174	54.79 -0.34 0.00	37.99 -0.21 0.00	34.34 -0.11 0.00	35.58 -0.20 0.00	35.82 -0.24 0.00	37.34 -0.28 0.00	41.11 -0.33 0.00	46.35 -0.46 0.00	48.74 -0.57 0.00	65.18 -0.72 0.00	40.93 -0.61 0.00	49.81 -0.79 0.00	51.37 -0.80 0.00	52.80 -0.73 0.00	51.23 -0.58 0.00	53.36 -0.46 0.00	97.02 -0.54 0.00	93.37 -0.24 0.00	86.41 0.19 -0.01	90.88 0.08 -0.12	86.46 0.00 -0.19	102.36 -0.44 -0.73	88.07 -0.40 -0.52	56.38 -0.41 -0.01
PROJECT___ORANGE 2 24166	54.79 -0.34 0.00	37.99 -0.21 0.00	34.34 -0.11 0.00	35.58 -0.20 0.00	35.82 -0.24 0.00	37.34 -0.28 0.00	41.11 -0.33 0.00	46.35 -0.46 0.00	48.74 -0.57 0.00	65.18 -0.72 0.00	40.93 -0.61 0.00	49.81 -0.79 0.00	51.37 -0.80 0.00	52.80 -0.73 0.00	51.23 -0.58 0.00	53.36 -0.46 0.00	97.02 -0.54 0.00	93.37 -0.24 0.00	86.41 0.19 -0.01	90.88 0.08 -0.12	86.46 0.00 -0.19	102.36 -0.44 -0.73	88.07 -0.40 -0.52	56.38 -0.41 -0.01
PUCKETT___SOLAR 323809	56.04 0.91 0.00	38.77 0.57 0.00	35.14 0.68 0.00	36.40 0.63 0.00	36.63 0.58 0.00	38.14 0.53 0.00	42.04 0.60 0.00	47.35 0.54 0.00	49.65 0.34 0.00	66.33 0.43 0.00	41.65 0.11 0.00	50.79 0.19 0.00	52.35 0.19 0.00	53.71 0.18 0.00	52.10 0.29 0.00	54.35 0.53 0.00	99.21 1.65 0.00	95.76 2.15 0.00	89.18 2.97 0.00	93.95 3.28 0.00	89.27 3.00 0.00	105.08 3.00 0.00	90.48 2.52 0.00	58.17 1.39 0.00
PYRITES___HYD 24023	56.58 1.46 0.00	39.19 0.99 0.00	35.12 0.66 0.00	36.54 0.76 0.00	36.82 0.76 0.00	38.42 0.81 0.00	42.35 0.91 0.00	48.02 1.21 0.00	50.53 1.22 0.00	67.18 1.28 0.00	42.22 0.68 0.00	51.50 0.90 0.00	53.11 0.95 0.00	54.17 0.63 0.00	52.13 0.31 0.00	53.82 0.00 0.00	97.20 -0.37 0.00	92.96 -0.64 0.00	85.52 -0.68 0.00	91.54 0.86 0.00	89.02 2.76 0.00	106.22 4.14 0.00	91.49 3.54 0.00	59.15 2.37 0.00
QUAKERRD_115KV_BK1 80622	53.59 -1.54 0.00	37.13 -1.07 0.00	33.59 -0.87 0.00	34.75 -1.03 0.00	34.92 -1.14 0.00	36.45 -1.16 0.00	40.13 -1.31 0.00	45.30 -1.51 0.00	47.56 -1.75 0.00	63.76 -2.13 0.00	40.21 -1.34 0.00	48.97 -1.63 0.00	50.53 -1.63 0.00	52.00 -1.54 0.00	50.35 -1.46 0.00	52.70 -1.12 0.00	95.79 -1.78 0.00	92.46 -1.15 0.00	85.37 -0.84 0.00	89.59 -1.09 0.00	85.32 -0.95 0.00	100.51 -1.57 0.00	86.90 -1.06 0.00	55.86 -0.92 0.00
QUENSBRY_115KV_TB8 356137	58.12 3.00 0.00	40.21 2.00 0.00	36.40 1.94 0.00	37.59 1.81 0.00	37.82 1.76 0.00	39.40 1.78 0.00	43.27 1.84 0.00	48.52 1.72 0.00	51.11 1.80 0.00	68.09 2.19 0.00	41.04 0.98 1.47	50.99 1.41 1.02	29.43 1.14 23.87	48.77 1.68 6.44	50.16 1.39 3.04	55.17 1.75 0.40	100.12 3.64 1.08	89.45 4.83 8.98	91.15 4.94 0.00	96.52 5.84 0.00	91.65 5.38 0.00	107.41 5.34 0.00	92.12 4.17 0.00	58.86 2.09 0.00
RAMAPO___LBMP 323565	58.21 3.09 0.00	32.86 2.04 7.39	35.42 2.10 1.13	37.78 2.00 0.00	38.03 1.98 0.00	39.54 1.93 0.00	43.39 1.95 0.00	48.99 2.18 0.00	51.92 2.61 0.00	68.00 3.93 1.83	9.61 2.76 34.69	54.71 3.56 -0.55	68.81 3.66 -12.99	60.89 3.85 -3.51	57.32 3.85 -1.65	57.85 3.82 -0.22	105.62 7.46 -0.59	106.35 7.86 -4.89	93.72 7.51 0.00	97.44 6.76 0.00	91.52 5.26 0.00	106.80 4.73 0.00	91.81 3.85 0.00	59.24 2.47 0.00
RANKINE____ 23646	53.84 -1.28 0.00	37.30 -0.91 0.00	33.81 -0.65 0.00	34.91 -0.87 0.00	35.01 -1.05 0.00	36.57 -1.04 0.00	40.31 -1.12 0.00	45.58 -1.23 0.00	47.73 -1.59 0.00	64.13 -1.76 0.00	40.52 -1.02 0.00	49.44 -1.15 0.00	51.04 -1.12 0.00	52.51 -1.02 0.00	50.84 -0.97 0.00	53.50 -0.32 0.00	97.18 -0.38 0.00	93.71 0.11 0.00	86.35 0.14 0.00	90.39 -0.29 0.00	86.26 0.00 0.00	101.75 -0.32 0.00	88.61 0.65 0.00	56.90 0.13 0.00
RAVENSWOOD_GT2_1 24244	58.89 3.76 0.00	45.60 2.58 -4.82	37.84 2.64 -0.74	38.34 2.57 0.00	38.60 2.55 0.00	40.11 2.50 0.00	44.01 2.57 0.00	49.71 2.90 0.00	52.75 3.44 0.00	72.21 5.12 -1.20	69.13 3.59 -24.00	55.69 4.51 -0.59	70.51 4.62 -13.73	62.04 4.80 -3.71	58.34 4.78 -1.75	58.80 4.75 -0.23	107.40 9.22 -0.62	108.34 9.57 -5.17	95.26 9.05 0.00	98.87 8.19 0.00	92.82 6.55 0.00	108.29 6.21 0.00	93.14 5.18 0.00	60.18 3.41 0.00
RAVENSWOOD_GT2_2 24245	58.89 3.76 0.00	45.60 2.58 -4.82	37.84 2.64 -0.74	38.34 2.57 0.00	38.60 2.55 0.00	40.11 2.50 0.00	44.01 2.57 0.00	49.71 2.90 0.00	52.75 3.44 0.00	72.21 5.12 -1.20	69.13 3.59 -24.00	55.69 4.51 -0.59	70.51 4.62 -13.73	62.04 4.80 -3.71	58.34 4.78 -1.75	58.80 4.75 -0.23	107.40 9.22 -0.62	108.34 9.57 -5.17	95.26 9.05 0.00	98.87 8.19 0.00	92.82 6.55 0.00	108.29 6.21 0.00	93.14 5.18 0.00	60.18 3.41 0.00

RAVENSWOOD_GT2_3 24246	58.93 3.80 0.00	45.63 2.61 -4.82	37.87 2.66 -0.74	38.36 2.59 0.00	38.63 2.57 0.00	40.14 2.53 0.00	44.05 2.61 0.00	49.75 2.94 0.00	52.79 3.48 0.00	72.27 5.18 -1.20	69.16 3.62 -24.00	55.74 4.55 -0.59	70.56 4.67 -13.73	62.09 4.85 -3.71	58.39 4.83 -1.75	58.84 4.79 -0.23	107.50 9.32 -0.62	108.43 9.66 -5.17	95.35 9.14 0.00	98.94 8.27 0.00	92.89 6.63 0.00	108.35 6.28 0.00	93.22 5.26 0.00	60.22 3.45 0.00
RAVENSWOOD_GT2_4 24247	58.93 3.80 0.00	45.63 2.61 -4.82	37.87 2.66 -0.74	38.36 2.59 0.00	38.63 2.57 0.00	40.14 2.53 0.00	44.05 2.61 0.00	49.75 2.94 0.00	52.79 3.48 0.00	72.27 5.18 -1.20	69.16 3.62 -24.00	55.74 4.55 -0.59	70.56 4.67 -13.73	62.09 4.85 -3.71	58.39 4.83 -1.75	58.84 4.79 -0.23	107.50 9.32 -0.62	108.43 9.66 -5.17	95.35 9.14 0.00	98.94 8.27 0.00	92.89 6.63 0.00	108.35 6.28 0.00	93.22 5.26 0.00	60.22 3.45 0.00
RAVENSWOOD_GT3_1 24248	58.89 3.76 0.00	45.61 2.59 -4.82	37.84 2.64 -0.74	38.35 2.58 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.02 2.58 0.00	49.72 2.92 0.00	52.76 3.45 0.00	72.23 5.14 -1.20	69.13 3.59 -24.00	55.71 4.53 -0.59	70.52 4.63 -13.73	62.06 4.82 -3.71	58.36 4.79 -1.75	58.81 4.76 -0.23	107.42 9.24 -0.62	108.38 9.61 -5.17	95.30 9.09 0.00	98.90 8.22 0.00	92.82 6.56 0.00	108.29 6.22 0.00	93.15 5.20 0.00	60.18 3.41 0.00
RAVENSWOOD_GT3_2 24249	58.89 3.76 0.00	45.61 2.59 -4.82	37.84 2.64 -0.74	38.35 2.58 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.02 2.58 0.00	49.72 2.92 0.00	52.76 3.45 0.00	72.23 5.14 -1.20	69.13 3.59 -24.00	55.71 4.53 -0.59	70.52 4.63 -13.73	62.06 4.82 -3.71	58.36 4.79 -1.75	58.81 4.76 -0.23	107.42 9.24 -0.62	108.38 9.61 -5.17	95.30 9.09 0.00	98.90 8.22 0.00	92.82 6.56 0.00	108.29 6.22 0.00	93.15 5.20 0.00	60.18 3.41 0.00
RAVENSWOOD_GT3_3 24250	59.01 3.88 0.00	45.69 2.66 -4.82	37.91 2.71 -0.74	38.42 2.64 0.00	38.67 2.62 0.00	40.19 2.58 0.00	44.10 2.66 0.00	49.81 3.00 0.00	52.86 3.55 0.00	72.39 5.30 -1.20	69.23 3.69 -24.00	55.81 4.63 -0.59	70.65 4.75 -13.73	62.18 4.94 -3.71	58.48 4.92 -1.75	58.95 4.90 -0.23	107.67 9.49 -0.62	108.61 9.83 -5.17	95.51 9.30 0.00	99.13 8.45 0.00	93.04 6.78 0.00	108.52 6.45 0.00	93.35 5.39 0.00	60.29 3.52 0.00
RAVENSWOOD_GT3_4 24251	59.01 3.88 0.00	45.69 2.66 -4.82	37.91 2.71 -0.74	38.42 2.64 0.00	38.67 2.62 0.00	40.19 2.58 0.00	44.10 2.66 0.00	49.81 3.00 0.00	52.86 3.55 0.00	72.39 5.30 -1.20	69.23 3.69 -24.00	55.81 4.63 -0.59	70.65 4.75 -13.73	62.18 4.94 -3.71	58.48 4.92 -1.75	58.95 4.90 -0.23	107.67 9.49 -0.62	108.61 9.83 -5.17	95.51 9.30 0.00	99.13 8.45 0.00	93.04 6.78 0.00	108.52 6.45 0.00	93.35 5.39 0.00	60.29 3.52 0.00
RAVENSWOOD_GT_1 23729	58.92 3.80 0.00	45.66 2.63 -4.82	37.92 2.72 -0.74	38.41 2.63 0.00	38.66 2.60 0.00	40.16 2.55 0.00	44.06 2.62 0.00	49.77 2.96 0.00	52.77 3.46 0.00	72.29 5.20 -1.20	69.23 3.69 -24.00	55.79 4.61 -0.59	70.62 4.73 -13.73	62.17 4.94 -3.71	58.46 4.90 -1.75	58.89 4.84 -0.23	107.54 9.35 -0.62	108.52 9.75 -5.17	95.40 9.19 0.00	99.03 8.35 0.00	92.98 6.71 0.00	108.40 6.32 0.00	93.25 5.30 0.00	60.29 3.52 0.00
RAVENSWOOD_GT_10 24258	58.89 3.76 0.00	45.61 2.59 -4.82	37.84 2.64 -0.74	38.35 2.57 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.02 2.58 0.00	49.72 2.91 0.00	52.76 3.45 0.00	72.23 5.14 -1.20	69.13 3.59 -24.00	55.70 4.52 -0.59	70.51 4.62 -13.73	62.06 4.82 -3.71	58.35 4.79 -1.75	58.80 4.75 -0.23	107.41 9.23 -0.62	108.38 9.60 -5.17	95.28 9.07 0.00	98.89 8.21 0.00	92.82 6.56 0.00	108.29 6.22 0.00	93.15 5.19 0.00	60.18 3.41 0.00
RAVENSWOOD_GT_11 24259	58.89 3.76 0.00	45.61 2.59 -4.82	37.84 2.64 -0.74	38.35 2.57 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.02 2.58 0.00	49.72 2.91 0.00	52.76 3.45 0.00	72.23 5.14 -1.20	69.13 3.59 -24.00	55.70 4.52 -0.59	70.51 4.62 -13.73	62.06 4.82 -3.71	58.35 4.79 -1.75	58.80 4.75 -0.23	107.41 9.23 -0.62	108.38 9.60 -5.17	95.28 9.07 0.00	98.89 8.21 0.00	92.82 6.56 0.00	108.29 6.22 0.00	93.15 5.19 0.00	60.18 3.41 0.00
RAVENSWOOD_GT_4 24252	58.89 3.76 0.00	45.60 2.58 -4.82	37.82 2.62 -0.74	38.33 2.56 0.00	38.60 2.54 0.00	40.11 2.50 0.00	44.01 2.57 0.00	49.70 2.90 0.00	52.75 3.44 0.00	72.22 5.13 -1.20	69.11 3.57 -24.00	55.68 4.50 -0.59	70.50 4.61 -13.73	62.02 4.79 -3.71	58.34 4.77 -1.75	58.78 4.74 -0.23	107.40 9.22 -0.62	108.33 9.56 -5.17	95.25 9.04 0.00	98.85 8.17 0.00	92.80 6.54 0.00	108.29 6.21 0.00	93.14 5.18 0.00	60.16 3.38 0.00
RAVENSWOOD_GT_5 24254	58.89 3.76 0.00	45.60 2.58 -4.82	37.82 2.62 -0.74	38.33 2.56 0.00	38.60 2.54 0.00	40.11 2.50 0.00	44.01 2.57 0.00	49.70 2.90 0.00	52.75 3.44 0.00	72.22 5.13 -1.20	69.11 3.57 -24.00	55.68 4.50 -0.59	70.50 4.61 -13.73	62.02 4.79 -3.71	58.34 4.77 -1.75	58.78 4.74 -0.23	107.40 9.22 -0.62	108.33 9.56 -5.17	95.25 9.04 0.00	98.85 8.17 0.00	92.80 6.54 0.00	108.29 6.21 0.00	93.14 5.18 0.00	60.16 3.38 0.00
RAVENSWOOD_GT_6 24253	58.89 3.76 0.00	45.60 2.58 -4.82	37.82 2.62 -0.74	38.33 2.56 0.00	38.60 2.54 0.00	40.11 2.50 0.00	44.01 2.57 0.00	49.70 2.90 0.00	52.75 3.44 0.00	72.22 5.13 -1.20	69.11 3.57 -24.00	55.68 4.50 -0.59	70.50 4.61 -13.73	62.02 4.79 -3.71	58.34 4.77 -1.75	58.78 4.74 -0.23	107.40 9.22 -0.62	108.33 9.56 -5.17	95.25 9.04 0.00	98.85 8.17 0.00	92.80 6.54 0.00	108.29 6.21 0.00	93.14 5.18 0.00	60.16 3.38 0.00
RAVENSWOOD_GT_7 24255	58.89 3.76 0.00	45.60 2.58 -4.82	37.82 2.62 -0.74	38.33 2.56 0.00	38.60 2.54 0.00	40.11 2.50 0.00	44.01 2.57 0.00	49.70 2.90 0.00	52.75 3.44 0.00	72.22 5.13 -1.20	69.11 3.57 -24.00	55.68 4.50 -0.59	70.50 4.61 -13.73	62.02 4.79 -3.71	58.34 4.77 -1.75	58.78 4.74 -0.23	107.40 9.22 -0.62	108.33 9.56 -5.17	95.25 9.04 0.00	98.85 8.17 0.00	92.80 6.54 0.00	108.29 6.21 0.00	93.14 5.18 0.00	60.16 3.38 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	58.89 3.76 0.00	45.61 2.59 -4.82	37.84 2.64 -0.74	38.35 2.57 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.02 2.58 0.00	49.72 2.91 0.00	52.76 3.45 0.00	72.23 5.14 -1.20	69.13 3.59 -24.00	55.70 4.52 -0.59	70.51 4.62 -13.73	62.06 4.82 -3.71	58.35 4.79 -1.75	58.80 4.75 -0.23	107.41 9.23 -0.62	108.38 9.60 -5.17	95.28 9.07 0.00	98.89 8.21 0.00	92.82 6.56 0.00	108.29 6.22 0.00	93.15 5.19 0.00	60.18 3.41 0.00
RAVENSWOOD_GT_9 24257	58.89 3.76 0.00	45.61 2.59 -4.82	37.84 2.64 -0.74	38.35 2.57 0.00	38.60 2.55 0.00	40.12 2.51 0.00	44.02 2.58 0.00	49.72 2.91 0.00	52.76 3.45 0.00	72.23 5.14 -1.20	69.13 3.59 -24.00	55.70 4.52 -0.59	70.51 4.62 -13.73	62.06 4.82 -3.71	58.35 4.79 -1.75	58.80 4.75 -0.23	107.41 9.23 -0.62	108.38 9.60 -5.17	95.28 9.07 0.00	98.89 8.21 0.00	92.82 6.56 0.00	108.29 6.22 0.00	93.15 5.19 0.00	60.18 3.41 0.00

RAVENSWOOD___1 23533	58.93 3.80 0.00	45.66 2.63 -4.82	37.92 2.72 -0.74	38.41 2.63 0.00	38.66 2.60 0.00	40.16 2.55 0.00	44.06 2.63 0.00	49.77 2.96 0.00	52.77 3.46 0.00	72.29 5.20 -1.20	69.23 3.69 -24.00	55.79 4.61 -0.59	70.62 4.72 -13.73	62.17 4.94 -3.71	58.47 4.91 -1.75	58.89 4.84 -0.23	107.54 9.35 -0.62	108.52 9.75 -5.17	95.40 9.20 0.00	99.03 8.35 0.00	92.97 6.70 0.00	108.39 6.31 0.00	93.26 5.30 0.00	60.28 3.50 0.00
RAVENSWOOD___2 23534	58.93 3.80 0.00	45.66 2.63 -4.82	37.92 2.72 -0.74	38.41 2.63 0.00	38.66 2.60 0.00	40.16 2.55 0.00	44.06 2.63 0.00	49.77 2.96 0.00	52.77 3.46 0.00	72.29 5.20 -1.20	69.23 3.69 -24.00	55.79 4.61 -0.59	70.62 4.72 -13.73	62.17 4.94 -3.71	58.47 4.91 -1.75	58.89 4.84 -0.23	107.54 9.35 -0.62	108.52 9.75 -5.17	95.40 9.20 0.00	99.03 8.35 0.00	92.97 6.70 0.00	108.39 6.31 0.00	93.26 5.30 0.00	60.28 3.50 0.00
RAVENSWOOD___3 23535	58.89 3.76 0.00	45.61 2.59 -4.82	37.84 2.64 -0.74	38.36 2.58 0.00	38.60 2.55 0.00	40.13 2.51 0.00	44.02 2.58 0.00	49.72 2.91 0.00	52.76 3.44 0.00	72.23 5.14 -1.20	69.14 3.60 -24.00	55.71 4.52 -0.59	70.52 4.63 -13.73	62.05 4.82 -3.71	58.35 4.79 -1.75	58.81 4.76 -0.23	107.42 9.24 -0.62	108.37 9.60 -5.17	95.30 9.09 0.00	98.90 8.22 0.00	92.83 6.56 0.00	108.28 6.21 0.00	93.16 5.20 0.00	60.16 3.38 0.00
RAVENSWOOD___4 23820	58.93 3.80 0.00	45.66 2.63 -4.82	37.92 2.72 -0.74	38.41 2.63 0.00	38.66 2.60 0.00	40.16 2.55 0.00	44.06 2.63 0.00	49.77 2.96 0.00	52.77 3.46 0.00	72.29 5.20 -1.20	69.23 3.69 -24.00	55.79 4.61 -0.59	70.62 4.72 -13.73	62.17 4.94 -3.71	58.47 4.91 -1.75	58.89 4.84 -0.23	107.54 9.35 -0.62	108.52 9.75 -5.17	95.40 9.20 0.00	99.03 8.35 0.00	92.97 6.70 0.00	108.39 6.31 0.00	93.26 5.30 0.00	60.28 3.50 0.00
RCPL_TRUST___DRP 24196	58.93 3.81 0.00	45.65 2.61 -4.83	37.87 2.66 -0.74	38.38 2.61 0.00	38.64 2.58 0.00	40.16 2.55 0.00	44.06 2.63 0.00	49.77 2.96 0.00	52.83 3.52 0.00	72.35 5.26 -1.20	69.26 3.66 -24.06	55.76 4.58 -0.59	70.59 4.69 -13.73	62.10 4.86 -3.71	58.40 4.84 -1.75	58.87 4.82 -0.23	107.52 9.34 -0.62	108.48 9.70 -5.17	95.38 9.17 0.00	98.94 8.27 0.00	92.88 6.62 0.00	108.35 6.28 0.00	93.22 5.26 0.00	60.21 3.44 0.00
RED___ROCHESTER 323720	55.08 -0.04 0.00	38.13 -0.07 0.00	34.49 0.03 0.00	35.65 -0.12 0.00	35.81 -0.24 0.00	37.39 -0.22 0.00	41.14 -0.30 0.00	46.44 -0.37 0.00	48.76 -0.55 0.00	65.44 -0.45 0.00	41.31 -0.23 0.00	50.35 -0.24 0.00	52.02 -0.14 0.00	53.58 0.04 0.00	51.89 0.07 0.00	54.41 0.59 0.00	98.84 1.28 0.00	95.48 1.87 0.00	88.10 1.90 0.00	92.43 1.75 0.00	88.01 1.74 0.00	103.63 1.55 0.00	89.65 1.69 0.00	57.58 0.81 0.00
REGAN___SOLAR 323812	58.52 3.40 0.00	40.45 2.24 0.00	36.54 2.08 0.00	37.86 2.08 0.00	38.03 1.97 0.00	39.65 2.04 0.00	43.43 2.00 0.00	48.34 1.54 0.00	50.95 1.64 0.00	67.79 1.89 0.00	41.32 0.69 0.92	50.85 0.89 0.64	37.92 0.63 14.87	50.17 0.65 4.01	50.44 0.52 1.89	53.67 0.10 0.25	96.94 0.05 0.68	88.85 0.84 5.60	88.79 2.58 0.00	95.89 5.21 0.00	92.44 6.18 0.00	109.20 7.12 0.00	94.03 6.08 0.00	60.40 3.63 0.00
RENSSELAER___COGEN 23796	55.85 0.72 0.00	38.68 0.48 0.00	35.11 0.65 0.00	36.35 0.57 0.00	36.65 0.59 0.00	38.18 0.57 0.00	41.80 0.37 0.00	47.09 0.28 0.00	49.70 0.39 0.00	66.47 0.57 0.00	41.21 0.47 0.81	50.66 0.63 0.56	39.70 0.64 13.10	50.68 0.68 3.54	50.87 0.73 1.67	54.33 0.73 0.22	98.70 1.73 0.59	90.66 1.98 4.93	88.43 2.22 0.00	92.66 1.99 0.00	87.67 1.40 0.00	102.90 0.82 0.00	88.55 0.59 0.00	57.06 0.28 0.00
REPUBLIC_115KV_BARTNBRK 55605	60.17 5.04 0.00	42.01 3.81 0.00	37.80 3.35 0.00	38.90 3.12 0.00	38.99 2.94 0.00	40.71 3.10 0.00	44.87 3.43 0.00	50.15 3.35 0.00	52.71 3.40 0.00	69.46 3.57 0.00	41.72 1.65 1.47	51.79 2.22 1.02	29.81 1.52 23.87	50.37 3.28 6.44	51.84 3.07 3.04	57.58 4.16 0.40	104.75 8.27 1.08	95.64 11.01 8.98	94.64 8.44 0.00	100.87 10.19 0.00	95.93 9.66 0.00	111.95 9.87 0.00	95.83 7.88 0.00	60.51 3.74 0.00
REVERE_CPPR_DRP 24186	57.20 2.07 0.00	39.56 1.35 0.00	35.72 1.26 0.00	37.03 1.25 0.00	37.29 1.24 0.00	38.89 1.28 0.00	42.77 1.33 0.00	48.21 1.40 0.00	50.79 1.48 0.00	67.76 1.86 0.00	42.62 1.08 0.00	51.86 1.26 0.00	53.42 1.26 0.00	54.79 1.26 0.00	52.99 1.18 0.00	54.99 1.17 0.00	99.92 2.36 0.00	96.44 2.83 0.00	89.64 3.43 0.00	95.08 4.41 0.00	90.65 4.38 0.00	107.02 4.94 0.00	91.77 3.82 0.00	58.95 2.17 0.00
REYNLDPA_13_KV_LD 356490	55.18 0.05 0.00	38.27 0.06 0.00	34.33 -0.13 0.00	35.75 -0.03 0.00	36.00 -0.06 0.00	37.56 -0.05 0.00	41.47 0.03 0.00	47.08 0.27 0.00	49.69 0.38 0.00	66.31 0.41 0.00	41.90 0.36 0.00	50.99 0.39 0.00	52.62 0.45 0.00	53.90 0.37 0.00	52.01 0.19 0.00	53.85 0.03 0.00	97.35 -0.21 0.00	92.25 -1.35 0.00	85.41 -0.80 0.00	90.40 -0.28 0.00	86.61 0.34 0.00	102.99 0.92 0.00	87.98 0.03 0.00	56.99 0.22 0.00
REYNOLDS_115KV_TB3 80639	56.18 1.05 0.00	38.91 0.71 0.00	35.32 0.86 0.00	36.56 0.78 0.00	36.85 0.79 0.00	38.38 0.77 0.00	42.07 0.63 0.00	47.37 0.56 0.00	50.03 0.72 0.00	66.90 1.01 0.00	41.28 0.73 0.99	50.86 0.95 0.69	37.18 0.97 15.96	50.27 1.05 4.30	50.84 1.06 2.03	54.64 1.08 0.27	99.14 2.31 0.72	90.18 2.58 6.00	88.92 2.72 0.00	93.20 2.52 0.00	88.13 1.87 0.00	103.43 1.36 0.00	89.05 1.10 0.00	57.37 0.59 0.00
RIVERBAY____ 323610	60.69 5.56 0.00	46.97 3.94 -4.82	39.11 3.91 -0.74	39.62 3.85 0.00	39.90 3.84 0.00	41.44 3.83 0.00	45.49 4.05 0.00	51.40 4.59 0.00	54.50 5.20 0.00	74.71 7.62 -1.20	70.75 5.21 -24.00	57.45 6.27 -0.59	72.19 6.29 -13.73	63.87 6.64 -3.71	60.20 6.63 -1.75	60.60 6.55 -0.23	110.77 12.59 -0.62	111.77 13.00 -5.17	98.54 12.34 0.00	102.39 11.71 0.00	96.13 9.87 0.00	112.13 10.05 0.00	96.39 8.44 0.00	62.28 5.50 0.00
RIVERSDE_115KV_TB3 55908	56.08 0.95 0.00	38.84 0.64 0.00	35.25 0.79 0.00	36.49 0.72 0.00	36.78 0.72 0.00	38.31 0.70 0.00	41.97 0.54 0.00	47.28 0.47 0.00	49.91 0.60 0.00	66.75 0.85 0.00	41.26 0.65 0.92	50.80 0.84 0.64	38.10 0.86 14.93	50.44 0.93 4.03	50.87 0.95 1.90	54.55 0.98 0.25	99.05 2.17 0.68	90.44 2.45 5.62	88.84 2.63 0.00	93.07 2.39 0.00	88.05 1.78 0.00	103.32 1.25 0.00	88.91 0.96 0.00	57.29 0.52 0.00
ROARING___BROOK_WT_PWR 323790	54.79 -0.33 0.00	37.99 -0.22 0.00	34.29 -0.17 0.00	35.63 -0.14 0.00	35.94 -0.12 0.00	37.53 -0.08 0.00	41.33 -0.11 0.00	46.75 -0.06 0.00	49.31 0.00 0.00	65.90 0.00 0.00	41.55 0.01 0.00	50.56 -0.04 0.00	52.14 -0.03 0.00	53.42 -0.10 0.00	51.67 -0.14 0.00	53.67 -0.15 0.00	97.34 -0.21 0.00	93.37 -0.23 0.00	85.97 -0.24 0.00	90.59 -0.09 0.00	86.28 0.02 0.00	102.17 0.09 0.00	87.99 0.04 0.00	56.79 0.01 0.00

ROCHESRG_115KV_T4 355643	54.43 -0.69 0.00	37.71 -0.50 0.00	34.13 -0.32 0.00	35.30 -0.48 0.00	35.45 -0.60 0.00	37.02 -0.59 0.00	40.75 -0.68 0.00	46.01 -0.80 0.00	48.28 -1.03 0.00	64.77 -1.13 0.00	40.85 -0.69 0.00	49.76 -0.83 0.00	51.37 -0.79 0.00	52.88 -0.66 0.00	51.17 -0.64 0.00	53.62 -0.20 0.00	97.39 -0.17 0.00	93.98 0.37 0.00	86.68 0.47 0.00	90.97 0.29 0.00	86.67 0.41 0.00	102.16 0.08 0.00	88.48 0.52 0.00	56.86 0.09 0.00
ROCHESTER_9_IC 23652	54.77 -0.35 0.00	37.92 -0.28 0.00	34.32 -0.14 0.00	35.48 -0.29 0.00	35.64 -0.42 0.00	37.21 -0.40 0.00	40.96 -0.48 0.00	46.24 -0.57 0.00	48.53 -0.78 0.00	65.11 -0.78 0.00	41.08 -0.46 0.00	50.06 -0.54 0.00	51.69 -0.48 0.00	53.22 -0.31 0.00	51.53 -0.29 0.00	54.01 0.18 0.00	98.13 0.57 0.00	94.74 1.13 0.00	87.41 1.20 0.00	91.72 1.04 0.00	87.37 1.11 0.00	102.94 0.87 0.00	89.09 1.14 0.00	57.25 0.47 0.00
ROCKVIEW_13_KV_LD 356306	58.95 3.82 0.00	45.64 2.61 -4.82	37.85 2.65 -0.74	38.35 2.57 0.00	38.61 2.55 0.00	40.13 2.52 0.00	44.04 2.61 0.00	49.74 2.93 0.00	52.77 3.46 0.00	72.20 5.11 -1.20	69.10 3.55 -24.01	55.69 4.51 -0.59	70.52 4.62 -13.73	62.05 4.81 -3.71	58.35 4.79 -1.75	58.83 4.78 -0.23	107.46 9.27 -0.62	108.40 9.62 -5.17	95.34 9.13 0.00	99.13 8.45 0.00	93.09 6.83 0.00	108.55 6.47 0.00	93.29 5.34 0.00	60.24 3.46 0.00
ROME____115KV_TB2 80656	57.20 2.07 0.00	39.56 1.35 0.00	35.72 1.26 0.00	37.03 1.25 0.00	37.29 1.24 0.00	38.89 1.28 0.00	42.77 1.33 0.00	48.21 1.40 0.00	50.79 1.48 0.00	67.76 1.86 0.00	42.62 1.08 0.00	51.86 1.26 0.00	53.42 1.26 0.00	54.79 1.26 0.00	52.99 1.18 0.00	54.99 1.17 0.00	99.92 2.36 0.00	96.44 2.83 0.00	89.64 3.43 0.00	95.08 4.41 0.00	90.65 4.38 0.00	107.02 4.94 0.00	91.77 3.82 0.00	58.95 2.17 0.00
ROSETON___1 23587	57.79 2.66 0.00	40.00 1.80 0.00	36.36 1.90 0.00	37.59 1.81 0.00	37.87 1.82 0.00	39.39 1.78 0.00	43.22 1.78 0.00	48.74 1.94 0.00	51.63 2.32 0.00	69.33 3.43 0.00	44.70 2.37 -0.79	54.19 3.05 -0.55	68.22 3.12 -12.94	60.28 3.25 -3.49	56.66 3.20 -1.65	57.20 3.17 -0.22	104.45 6.30 -0.59	105.11 6.64 -4.87	92.62 6.41 0.00	96.53 5.86 0.00	90.81 4.55 0.00	106.11 4.03 0.00	91.36 3.40 0.00	58.88 2.11 0.00
ROSETON___2 23588	57.79 2.66 0.00	40.00 1.80 0.00	36.36 1.90 0.00	37.59 1.81 0.00	37.87 1.82 0.00	39.39 1.78 0.00	43.22 1.78 0.00	48.74 1.94 0.00	51.63 2.32 0.00	69.33 3.43 0.00	44.70 2.37 -0.79	54.19 3.05 -0.55	68.22 3.12 -12.94	60.28 3.25 -3.49	56.66 3.20 -1.65	57.20 3.17 -0.22	104.45 6.30 -0.59	105.11 6.64 -4.87	92.62 6.41 0.00	96.53 5.86 0.00	90.81 4.55 0.00	106.11 4.03 0.00	91.36 3.40 0.00	58.88 2.11 0.00
ROTRRDAM_115KV_TB3 80664	56.68 1.55 0.00	39.23 1.03 0.00	35.55 1.10 0.00	36.85 1.07 0.00	37.10 1.04 0.00	38.65 1.05 0.00	42.45 1.01 0.00	47.75 0.94 0.00	50.33 1.02 0.00	67.30 1.40 0.00	41.36 0.85 1.03	50.98 1.10 0.72	36.53 1.10 16.74	50.21 1.20 4.52	50.85 1.17 2.13	54.74 1.20 0.28	99.24 2.44 0.76	90.05 2.74 6.30	89.18 2.98 0.00	93.81 3.13 0.00	88.96 2.70 0.00	104.63 2.55 0.00	90.11 2.15 0.00	58.03 1.26 0.00
RUSSELL___1 23602	55.08 -0.05 0.00	38.13 -0.07 0.00	34.49 0.03 0.00	35.66 -0.12 0.00	35.81 -0.25 0.00	37.39 -0.23 0.00	41.14 -0.30 0.00	46.44 -0.37 0.00	48.76 -0.55 0.00	65.44 -0.46 0.00	41.30 -0.24 0.00	50.35 -0.25 0.00	52.02 -0.14 0.00	53.57 0.04 0.00	51.88 0.07 0.00	54.40 0.58 0.00	98.86 1.30 0.00	95.46 1.85 0.00	88.11 1.90 0.00	92.43 1.75 0.00	88.01 1.75 0.00	103.63 1.56 0.00	89.66 1.70 0.00	57.57 0.79 0.00
RUSSELL___2 23532	55.08 -0.05 0.00	38.13 -0.07 0.00	34.49 0.03 0.00	35.66 -0.12 0.00	35.81 -0.25 0.00	37.39 -0.23 0.00	41.14 -0.30 0.00	46.44 -0.37 0.00	48.76 -0.55 0.00	65.44 -0.46 0.00	41.30 -0.24 0.00	50.35 -0.25 0.00	52.02 -0.14 0.00	53.57 0.04 0.00	51.88 0.07 0.00	54.40 0.58 0.00	98.86 1.30 0.00	95.46 1.85 0.00	88.11 1.90 0.00	92.43 1.75 0.00	88.01 1.75 0.00	103.63 1.56 0.00	89.66 1.70 0.00	57.57 0.79 0.00
RUSSELL___3 23549	55.08 -0.05 0.00	38.13 -0.07 0.00	34.49 0.03 0.00	35.66 -0.12 0.00	35.81 -0.25 0.00	37.39 -0.23 0.00	41.14 -0.30 0.00	46.44 -0.37 0.00	48.76 -0.55 0.00	65.44 -0.46 0.00	41.30 -0.24 0.00	50.35 -0.25 0.00	52.02 -0.14 0.00	53.57 0.04 0.00	51.88 0.07 0.00	54.40 0.58 0.00	98.86 1.30 0.00	95.46 1.85 0.00	88.11 1.90 0.00	92.43 1.75 0.00	88.01 1.75 0.00	103.63 1.56 0.00	89.66 1.70 0.00	57.57 0.79 0.00
RUSSELL___4 23556	55.08 -0.05 0.00	38.13 -0.07 0.00	34.49 0.03 0.00	35.66 -0.12 0.00	35.81 -0.25 0.00	37.39 -0.23 0.00	41.14 -0.30 0.00	46.44 -0.37 0.00	48.76 -0.55 0.00	65.44 -0.46 0.00	41.30 -0.24 0.00	50.35 -0.25 0.00	52.02 -0.14 0.00	53.57 0.04 0.00	51.88 0.07 0.00	54.40 0.58 0.00	98.86 1.30 0.00	95.46 1.85 0.00	88.11 1.90 0.00	92.43 1.75 0.00	88.01 1.75 0.00	103.63 1.56 0.00	89.66 1.70 0.00	57.57 0.79 0.00
RUSSELL__STATION 23914	55.08 -0.05 0.00	38.13 -0.07 0.00	34.49 0.03 0.00	35.66 -0.12 0.00	35.81 -0.25 0.00	37.39 -0.23 0.00	41.14 -0.30 0.00	46.44 -0.37 0.00	48.76 -0.55 0.00	65.44 -0.46 0.00	41.30 -0.24 0.00	50.35 -0.25 0.00	52.02 -0.14 0.00	53.57 0.04 0.00	51.88 0.07 0.00	54.40 0.58 0.00	98.86 1.30 0.00	95.46 1.85 0.00	88.11 1.90 0.00	92.43 1.75 0.00	88.01 1.75 0.00	103.63 1.56 0.00	89.66 1.70 0.00	57.57 0.79 0.00
S SALMON__HYD 24043	55.13 0.01 0.00	38.20 0.00 0.00	34.50 0.04 0.00	35.77 0.00 0.00	36.05 -0.01 0.00	37.63 0.02 0.00	41.41 -0.03 0.00	46.68 -0.13 0.00	49.11 -0.20 0.00	65.65 -0.24 0.00	41.12 -0.42 0.00	49.77 -0.83 0.00	51.30 -0.86 0.00	52.67 -0.86 0.00	50.84 -0.98 0.00	52.81 -1.01 0.00	95.89 -1.67 0.00	92.56 -1.05 0.00	86.11 -0.14 -0.04	91.91 0.41 -0.82	88.35 0.79 -1.29	107.83 0.75 -5.01	92.10 0.59 -3.55	57.07 0.25 -0.05
S.PERRY__115KV_TB1 80734	56.68 1.56 0.00	39.19 0.98 0.00	35.43 0.97 0.00	36.57 0.79 0.00	36.67 0.61 0.00	38.26 0.65 0.00	42.15 0.71 0.00	47.21 0.40 0.00	48.96 -0.35 0.00	65.66 -0.24 0.00	41.43 -0.11 0.00	50.40 -0.19 0.00	52.04 -0.13 0.00	53.42 -0.11 0.00	51.51 -0.30 0.00	53.39 -0.42 0.00	95.87 -1.69 0.00	92.77 -0.83 0.00	86.05 -0.16 0.00	91.73 1.06 0.00	88.27 2.00 0.00	104.29 2.22 0.00	90.21 2.25 0.00	59.14 2.37 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	53.49 -1.64 0.00	37.07 -1.14 0.00	33.62 -0.84 0.00	34.74 -1.04 0.00	34.82 -1.24 0.00	36.39 -1.22 0.00	40.09 -1.34 0.00	45.36 -1.45 0.00	47.51 -1.81 0.00	63.84 -2.06 0.00	40.35 -1.19 0.00	49.20 -1.40 0.00	50.74 -1.43 0.00	52.20 -1.33 0.00	50.50 -1.32 0.00	53.11 -0.71 0.00	96.34 -1.22 0.00	92.93 -0.67 0.00	85.50 -0.71 0.00	89.48 -1.20 0.00	85.45 -0.81 0.00	100.82 -1.25 0.00	87.94 -0.01 0.00	56.50 -0.28 0.00

SAWYER___23_KV_LOAD 55526	53.49 -1.64 0.00	37.07 -1.14 0.00	33.62 -0.84 0.00	34.74 -1.04 0.00	34.82 -1.24 0.00	36.39 -1.22 0.00	40.09 -1.34 0.00	45.36 -1.45 0.00	47.51 -1.81 0.00	63.84 -2.06 0.00	40.35 -1.19 0.00	49.20 -1.40 0.00	50.74 -1.43 0.00	52.20 -1.33 0.00	50.50 -1.32 0.00	53.11 -0.71 0.00	96.34 -1.22 0.00	92.93 -0.67 0.00	85.50 -0.71 0.00	89.48 -1.20 0.00	85.45 -0.81 0.00	100.82 -1.25 0.00	87.94 -0.01 0.00	56.50 -0.28 0.00
SELKIRK___I 23801	56.33 1.20 0.00	39.03 0.82 0.00	35.41 0.95 0.00	36.70 0.92 0.00	36.99 0.93 0.00	38.53 0.92 0.00	42.23 0.80 0.00	47.39 0.59 0.00	49.93 0.62 0.00	66.71 0.81 0.00	41.64 0.57 0.48	50.98 0.71 0.33	45.34 0.74 7.57	52.25 0.76 2.04	51.61 0.76 0.96	54.46 0.77 0.13	98.98 1.76 0.34	92.71 1.95 2.85	88.55 2.34 0.00	93.12 2.44 0.00	88.32 2.06 0.00	103.78 1.70 0.00	89.39 1.44 0.00	57.64 0.86 0.00
SELKIRK___II 23799	56.06 0.93 0.00	38.83 0.63 0.00	35.24 0.78 0.00	36.51 0.73 0.00	36.78 0.72 0.00	38.31 0.70 0.00	42.01 0.58 0.00	47.32 0.51 0.00	49.91 0.60 0.00	66.77 0.87 0.00	41.64 0.66 0.56	51.06 0.85 0.39	44.00 0.89 9.04	52.03 0.94 2.44	51.62 0.96 1.15	54.65 0.98 0.15	99.30 2.15 0.41	92.49 2.28 3.40	88.67 2.46 0.00	92.93 2.25 0.00	87.97 1.70 0.00	103.27 1.19 0.00	88.93 0.98 0.00	57.34 0.56 0.00
SENECA OSWGO___HYD 24041	54.22 -0.91 0.00	37.62 -0.58 0.00	34.00 -0.46 0.00	35.23 -0.54 0.00	35.47 -0.58 0.00	36.99 -0.62 0.00	40.72 -0.72 0.00	45.91 -0.89 0.00	48.30 -1.01 0.00	64.54 -1.36 0.00	40.53 -1.01 0.00	49.23 -1.37 0.00	50.78 -1.39 0.00	52.22 -1.31 0.00	50.56 -1.25 0.00	52.61 -1.21 0.00	95.54 -2.02 0.00	91.95 -1.66 0.00	85.16 -1.11 -0.06	90.75 -1.19 -1.27	87.07 -1.18 -2.00	108.04 -1.76 -7.72	91.95 -1.48 -5.48	55.78 -1.06 -0.07
SENECA___115KV_TB3 355854	53.95 -1.18 0.00	37.35 -0.86 0.00	33.86 -0.60 0.00	34.96 -0.81 0.00	35.06 -0.99 0.00	36.63 -0.98 0.00	40.36 -1.07 0.00	45.65 -1.16 0.00	47.79 -1.53 0.00	64.24 -1.66 0.00	40.59 -0.96 0.00	49.52 -1.08 0.00	51.12 -1.04 0.00	52.59 -0.94 0.00	50.93 -0.88 0.00	53.60 -0.22 0.00	97.38 -0.18 0.00	93.90 0.29 0.00	86.52 0.31 0.00	90.57 -0.10 0.00	86.43 0.17 0.00	101.95 -0.13 0.00	88.78 0.83 0.00	57.01 0.24 0.00
SENECA___ENERGY 23797	54.86 -0.26 0.00	38.04 -0.16 0.00	34.43 -0.03 0.00	35.60 -0.18 0.00	35.82 -0.23 0.00	37.35 -0.26 0.00	41.16 -0.28 0.00	46.34 -0.47 0.00	48.54 -0.78 0.00	64.98 -0.92 0.00	40.98 -0.57 0.00	49.85 -0.74 0.00	51.40 -0.77 0.00	52.80 -0.73 0.00	51.26 -0.55 0.00	53.56 -0.26 0.00	97.32 -0.24 0.00	93.98 0.38 0.00	87.07 0.85 -0.02	91.93 0.90 -0.35	87.65 0.83 -0.55	104.58 0.36 -2.14	89.79 0.31 -1.52	56.93 0.13 -0.02
SHOEMAKER___GT 23640	57.81 2.68 0.00	34.99 1.79 5.00	35.55 1.86 0.77	37.55 1.78 0.00	37.82 1.76 0.00	39.32 1.71 0.00	43.16 1.72 0.00	48.66 1.85 0.00	51.46 2.14 0.00	67.81 3.16 1.24	20.38 2.13 23.30	53.85 2.75 -0.51	67.16 2.84 -12.15	59.80 2.98 -3.28	56.36 3.00 -1.55	57.05 3.03 -0.20	104.27 6.16 -0.55	104.77 6.59 -4.57	92.71 6.50 0.00	96.79 6.11 0.00	91.10 4.84 0.00	106.45 4.37 0.00	91.56 3.61 0.00	58.98 2.21 0.00
SHOEMAKR_138KV_BK 111 55601	57.81 2.68 0.00	35.17 1.77 4.81	35.57 1.86 0.74	37.55 1.77 0.00	37.81 1.75 0.00	39.31 1.70 0.00	43.15 1.71 0.00	48.66 1.85 0.00	51.48 2.17 0.00	67.91 3.21 1.19	21.34 2.19 22.39	53.94 2.84 -0.50	67.14 2.92 -12.06	59.86 3.08 -3.26	56.43 3.08 -1.53	57.12 3.10 -0.20	104.36 6.25 -0.55	104.81 6.66 -4.54	92.74 6.53 0.00	96.74 6.07 0.00	91.05 4.78 0.00	106.40 4.32 0.00	91.50 3.54 0.00	58.97 2.20 0.00
SHOREHAM_IC_1 23715	58.68 3.55 0.00	45.79 2.79 -4.80	38.00 2.80 -0.74	38.41 2.63 0.00	38.57 2.51 0.00	40.06 2.45 0.00	44.15 2.71 0.00	50.25 3.44 0.00	53.57 4.26 0.00	85.95 6.11 -13.94	75.49 4.04 -29.91	59.50 5.03 -3.87	85.86 5.10 -28.60	85.17 5.38 -26.26	87.27 5.33 -30.12	56.48 4.71 2.06	103.04 9.13 3.65	106.33 9.04 -3.69	95.09 8.88 0.00	98.06 7.38 0.00	91.82 5.56 0.00	105.55 4.49 1.02	85.53 3.42 5.85	55.28 2.19 3.68
SHOREHAM_IC_2 23716	58.67 3.54 0.00	45.79 2.79 -4.80	38.00 2.80 -0.74	38.40 2.63 0.00	38.57 2.52 0.00	40.06 2.45 0.00	44.15 2.71 0.00	50.25 3.44 0.00	53.57 4.26 0.00	85.94 6.11 -13.94	75.50 4.05 -29.91	59.48 5.02 -3.87	85.86 5.10 -28.60	85.20 5.41 -26.26	87.33 5.39 -30.12	56.50 4.74 2.06	103.18 9.27 3.65	106.37 9.08 -3.69	95.09 8.88 0.00	98.05 7.37 0.00	91.83 5.56 0.00	105.61 4.56 1.02	85.95 3.84 5.85	55.60 2.51 3.68
SISSONVILLE___ 23735	55.72 0.59 0.00	38.62 0.41 0.00	34.63 0.17 0.00	36.03 0.26 0.00	36.30 0.24 0.00	37.88 0.27 0.00	41.75 0.31 0.00	47.37 0.57 0.00	50.00 0.68 0.00	66.54 0.64 0.00	41.98 0.43 0.00	51.09 0.50 0.00	52.70 0.54 0.00	53.88 0.34 0.00	51.90 0.09 0.00	53.71 -0.11 0.00	97.02 -0.54 0.00	92.87 -0.74 0.00	85.47 -0.74 0.00	90.96 0.28 0.00	87.72 1.46 0.00	104.43 2.35 0.00	90.00 2.05 0.00	58.23 1.46 0.00
SITHE_IND_GS1 24169	53.64 -1.48 0.00	37.28 -0.93 0.00	33.69 -0.77 0.00	34.92 -0.86 0.00	35.17 -0.88 0.00	36.67 -0.94 0.00	40.38 -1.06 0.00	45.56 -1.25 0.00	47.93 -1.38 0.00	64.02 -1.88 0.00	40.14 -1.40 0.00	48.80 -1.80 0.00	50.32 -1.85 0.00	51.71 -1.82 0.00	50.11 -1.71 0.00	52.15 -1.67 0.00	94.66 -2.91 0.00	90.95 -2.65 0.00	83.84 -2.16 0.21	83.89 -2.35 4.43	77.02 -2.26 6.98	72.09 -2.97 27.02	66.27 -2.51 19.17	54.83 -1.70 0.25
SITHE_IND_GS2 24170	53.64 -1.48 0.00	37.28 -0.93 0.00	33.69 -0.77 0.00	34.92 -0.86 0.00	35.17 -0.88 0.00	36.67 -0.94 0.00	40.38 -1.06 0.00	45.56 -1.25 0.00	47.93 -1.38 0.00	64.02 -1.88 0.00	40.14 -1.40 0.00	48.80 -1.80 0.00	50.32 -1.85 0.00	51.71 -1.82 0.00	50.11 -1.71 0.00	52.15 -1.67 0.00	94.66 -2.91 0.00	90.95 -2.65 0.00	83.84 -2.16 0.21	83.89 -2.35 4.43	77.02 -2.26 6.98	72.09 -2.97 27.02	66.27 -2.51 19.17	54.83 -1.70 0.25
SITHE_IND_GS3 24171	53.64 -1.48 0.00	37.28 -0.93 0.00	33.69 -0.77 0.00	34.92 -0.86 0.00	35.17 -0.88 0.00	36.67 -0.94 0.00	40.38 -1.06 0.00	45.56 -1.25 0.00	47.93 -1.38 0.00	64.02 -1.88 0.00	40.14 -1.40 0.00	48.80 -1.80 0.00	50.32 -1.85 0.00	51.71 -1.82 0.00	50.11 -1.71 0.00	52.15 -1.67 0.00	94.66 -2.91 0.00	90.95 -2.65 0.00	83.84 -2.16 0.21	83.89 -2.35 4.43	77.02 -2.26 6.98	72.09 -2.97 27.02	66.27 -2.51 19.17	54.83 -1.70 0.25
SITHE_IND_GS4 24172	53.64 -1.48 0.00	37.28 -0.93 0.00	33.69 -0.77 0.00	34.92 -0.86 0.00	35.17 -0.88 0.00	36.67 -0.94 0.00	40.38 -1.06 0.00	45.56 -1.25 0.00	47.93 -1.38 0.00	64.02 -1.88 0.00	40.14 -1.40 0.00	48.80 -1.80 0.00	50.32 -1.85 0.00	51.71 -1.82 0.00	50.11 -1.71 0.00	52.15 -1.67 0.00	94.66 -2.91 0.00	90.95 -2.65 0.00	83.84 -2.16 0.21	83.89 -2.35 4.43	77.02 -2.26 6.98	72.09 -2.97 27.02	66.27 -2.51 19.17	54.83 -1.70 0.25

SITHE___BATAVIA 24024	55.24 0.11 0.00	38.22 0.02 0.00	34.59 0.13 0.00	35.72 -0.06 0.00	35.82 -0.23 0.00	37.42 -0.19 0.00	41.19 -0.24 0.00	46.43 -0.38 0.00	48.46 -0.85 0.00	64.96 -0.94 0.00	41.01 -0.54 0.00	49.92 -0.68 0.00	51.53 -0.63 0.00	53.09 -0.44 0.00	51.41 -0.41 0.00	54.09 0.26 0.00	98.29 0.73 0.00	95.39 1.79 0.00	88.24 2.03 0.00	93.04 2.36 0.00	89.09 2.83 0.00	104.99 2.92 0.00	91.15 3.19 0.00	58.33 1.56 0.00
SITHE___INDEPEND 23800	53.64 -1.48 0.00	37.28 -0.93 0.00	33.69 -0.77 0.00	34.92 -0.85 0.00	35.17 -0.89 0.00	36.67 -0.94 0.00	40.37 -1.06 0.00	45.56 -1.25 0.00	47.93 -1.38 0.00	64.02 -1.88 0.00	40.14 -1.40 0.00	48.80 -1.80 0.00	50.32 -1.85 0.00	51.71 -1.82 0.00	50.10 -1.71 0.00	52.15 -1.67 0.00	94.65 -2.91 0.00	90.96 -2.65 0.00	83.84 -2.16 0.21	83.89 -2.36 4.43	77.02 -2.26 6.98	72.09 -2.97 27.02	66.28 -2.50 19.17	54.83 -1.70 0.25
SITHE___MASSENA 23902	55.34 0.21 0.00	38.37 0.16 0.00	34.42 -0.03 0.00	35.83 0.05 0.00	36.09 0.03 0.00	37.65 0.04 0.00	41.56 0.12 0.00	47.18 0.37 0.00	49.79 0.47 0.00	66.33 0.43 0.00	41.93 0.39 0.00	51.05 0.45 0.00	52.67 0.51 0.00	53.92 0.39 0.00	52.01 0.20 0.00	53.84 0.02 0.00	97.22 -0.34 0.00	92.96 -0.65 0.00	85.36 -0.85 0.00	90.39 -0.28 0.00	86.73 0.47 0.00	103.21 1.13 0.00	89.02 1.06 0.00	57.65 0.88 0.00
SITHE___OGDNSBRG 24021	56.35 1.22 0.00	39.05 0.85 0.00	34.99 0.53 0.00	36.42 0.65 0.00	36.68 0.62 0.00	38.28 0.67 0.00	42.21 0.77 0.00	47.88 1.07 0.00	50.38 1.07 0.00	67.00 1.10 0.00	42.16 0.62 0.00	51.42 0.82 0.00	53.06 0.89 0.00	54.14 0.61 0.00	52.14 0.33 0.00	53.87 0.05 0.00	97.22 -0.34 0.00	92.95 -0.66 0.00	85.43 -0.78 0.00	91.20 0.52 0.00	88.52 2.26 0.00	105.63 3.55 0.00	91.01 3.05 0.00	58.86 2.09 0.00
SITHE___STERLING 23777	56.63 1.51 0.00	39.20 0.99 0.00	35.41 0.95 0.00	36.69 0.91 0.00	36.95 0.90 0.00	38.53 0.92 0.00	42.40 0.96 0.00	47.81 1.00 0.00	50.32 1.01 0.00	67.16 1.27 0.00	42.23 0.69 0.00	51.44 0.84 0.00	53.00 0.83 0.00	54.40 0.87 0.00	52.66 0.84 0.00	54.71 0.89 0.00	99.46 1.90 0.00	95.87 2.26 0.00	88.93 2.72 0.00	94.04 3.36 0.00	89.53 3.26 0.00	105.63 3.55 0.00	90.74 2.79 0.00	58.33 1.55 0.00
SLEIGHT__34_KV_TB1 80719	54.62 -0.51 0.00	37.82 -0.39 0.00	34.22 -0.24 0.00	35.38 -0.40 0.00	35.58 -0.47 0.00	37.13 -0.48 0.00	40.89 -0.55 0.00	46.06 -0.74 0.00	48.29 -1.03 0.00	64.68 -1.22 0.00	40.79 -0.76 0.00	49.69 -0.90 0.00	51.20 -0.97 0.00	52.63 -0.90 0.00	51.05 -0.76 0.00	53.40 -0.42 0.00	97.18 -0.38 0.00	93.85 0.24 0.00	86.76 0.55 -0.01	91.48 0.62 -0.18	87.32 0.77 -0.28	103.57 0.41 -1.08	89.26 0.54 -0.76	56.84 0.06 -0.01
SMITHTWN_69_KV_BK 1 55830	59.45 4.32 0.00	46.37 3.36 -4.80	38.53 3.34 -0.74	38.98 3.20 0.00	39.15 3.09 0.00	40.65 3.04 0.00	44.74 3.31 0.00	50.87 4.06 0.00	54.16 4.85 0.00	86.69 6.86 -13.94	76.06 4.60 -29.92	60.14 5.67 -3.87	86.56 5.80 -28.60	85.89 6.09 -26.27	91.60 6.06 -33.73	61.39 5.51 -2.06	104.46 10.41 3.52	107.17 9.84 -3.73	95.82 9.61 0.00	98.80 8.13 0.00	92.43 6.16 0.00	106.35 5.57 1.29	84.63 4.74 8.07	56.33 3.12 3.56
SOUTH CAIRO___GT 23612	58.26 3.13 0.00	40.24 2.04 0.00	36.45 1.99 0.00	37.68 1.91 0.00	37.96 1.91 0.00	39.55 1.94 0.00	43.32 1.88 0.00	48.65 1.85 0.00	51.15 1.84 0.00	68.00 2.10 0.00	42.50 1.32 0.37	51.96 1.62 0.26	48.46 1.67 5.38	53.89 1.81 1.45	52.97 1.84 0.68	55.67 1.94 0.09	101.55 4.23 0.24	96.46 4.88 2.02	91.65 5.44 0.00	96.93 6.26 0.00	92.11 5.84 0.00	108.06 5.99 0.00	92.77 4.81 0.00	59.48 2.70 0.00
SOUTH HAMPTN___IC 23720	59.19 4.07 0.00	46.10 3.09 -4.80	38.27 3.08 -0.74	38.67 2.89 0.00	38.84 2.78 0.00	40.36 2.75 0.00	44.63 3.20 0.00	51.00 4.19 0.00	54.54 5.23 0.00	87.52 7.68 -13.94	76.54 5.10 -29.90	60.82 6.36 -3.87	87.29 6.53 -28.60	86.56 6.76 -26.26	88.14 6.54 -29.79	57.32 5.97 2.47	105.36 11.48 3.69	108.50 11.23 -3.67	96.95 10.74 0.00	99.84 9.16 0.00	93.93 7.66 0.00	107.91 6.84 1.00	87.71 5.42 5.66	56.55 3.51 3.72
SOUTHDOW_115KV_TB1 355954	55.61 0.48 0.00	38.34 0.14 0.00	34.71 0.26 0.00	35.82 0.04 0.00	35.98 -0.08 0.00	37.56 -0.06 0.00	41.45 0.01 0.00	46.81 0.00 0.00	49.01 -0.30 0.00	65.88 -0.01 0.00	41.56 0.02 0.00	50.86 0.26 0.00	52.70 0.53 0.00	54.20 0.67 0.00	52.70 0.89 0.00	55.51 1.69 0.00	101.20 3.64 0.00	97.45 3.84 0.00	89.99 3.78 0.00	94.05 3.37 0.00	89.65 3.39 0.00	105.87 3.79 0.00	91.80 3.85 0.00	58.85 2.08 0.00
SOUTHOLD_69_KV_BK 2 55809	59.34 4.22 0.00	46.11 3.10 -4.80	38.29 3.09 -0.74	38.65 2.88 0.00	38.82 2.77 0.00	40.39 2.78 0.00	44.95 3.51 0.00	51.71 4.90 0.00	55.53 6.22 0.00	89.24 9.40 -13.94	77.09 5.65 -29.90	61.42 6.95 -3.87	88.01 7.25 -28.60	87.25 7.45 -26.26	88.58 6.97 -29.80	57.70 6.34 2.46	106.24 12.36 3.69	109.10 11.82 -3.67	97.27 11.06 0.00	100.08 9.40 0.00	96.21 9.95 0.00	110.58 9.50 1.00	90.43 8.13 5.66	58.42 5.37 3.72
SOUTHOLD___IC 23719	59.35 4.22 0.00	46.11 3.11 -4.80	38.29 3.09 -0.74	38.65 2.88 0.00	38.82 2.76 0.00	40.39 2.78 0.00	44.95 3.51 0.00	51.71 4.90 0.00	55.52 6.21 0.00	89.24 9.40 -13.94	77.09 5.64 -29.90	61.42 6.96 -3.87	88.00 7.24 -28.60	87.22 7.42 -26.26	88.53 6.91 -29.80	57.68 6.31 2.46	106.11 12.24 3.69	109.06 11.78 -3.67	97.27 11.06 0.00	100.08 9.40 0.00	96.19 9.93 0.00	110.52 9.44 1.00	90.00 7.70 5.66	58.10 5.05 3.72
SOUTH_FORK_WT_PWR 323839	58.69 3.57 0.00	45.63 2.62 -4.80	37.86 2.66 -0.74	38.21 2.43 0.00	38.37 2.32 0.00	39.96 2.35 0.00	44.66 3.22 0.00	51.60 4.79 0.00	55.52 6.20 0.00	89.41 9.57 -13.94	77.70 6.26 -29.90	62.23 7.76 -3.87	88.84 8.08 -28.60	87.89 8.09 -26.26	88.93 7.33 -29.80	58.02 6.67 2.46	106.76 12.89 3.69	109.56 12.28 -3.67	97.59 11.38 0.00	100.25 9.57 0.00	95.90 9.64 0.00	110.20 9.13 1.00	89.88 7.58 5.66	58.24 5.19 3.72
SPIERFLS_115KV_TB 1 80737	57.75 2.63 0.00	39.92 1.71 0.00	36.17 1.71 0.00	37.37 1.60 0.00	37.62 1.57 0.00	39.18 1.57 0.00	43.02 1.58 0.00	48.28 1.47 0.00	50.88 1.57 0.00	67.86 1.96 0.00	40.90 0.84 1.47	50.79 1.21 1.02	29.29 1.00 23.87	48.39 1.30 6.44	49.84 1.07 3.04	54.75 1.33 0.40	99.31 2.83 1.08	88.47 3.84 8.98	90.51 4.30 0.00	95.73 5.05 0.00	90.89 4.62 0.00	106.61 4.53 0.00	91.43 3.48 0.00	58.56 1.78 0.00
ST LAWRENCE____ 23600	54.63 -0.50 0.00	37.89 -0.32 0.00	34.00 -0.46 0.00	35.38 -0.39 0.00	35.65 -0.41 0.00	37.19 -0.42 0.00	41.05 -0.38 0.00	46.60 -0.21 0.00	49.19 -0.12 0.00	65.64 -0.26 0.00	41.47 -0.08 0.00	50.49 -0.11 0.00	52.07 -0.09 0.00	53.34 -0.19 0.00	51.46 -0.35 0.00	53.32 -0.50 0.00	96.44 -1.13 0.00	92.18 -1.42 0.00	84.60 -1.61 0.00	89.44 -1.24 0.00	85.62 -0.64 0.00	101.94 -0.14 0.00	87.76 -0.19 0.00	56.79 0.02 0.00

STATE_CA_115KV_115_LB 55624	56.22 1.10 0.00	38.94 0.74 0.00	35.33 0.87 0.00	36.56 0.78 0.00	36.84 0.79 0.00	38.38 0.76 0.00	42.02 0.59 0.00	47.36 0.55 0.00	49.98 0.67 0.00	66.87 0.97 0.00	41.36 0.73 0.91	50.92 0.95 0.63	38.43 0.97 14.71	50.60 1.04 3.97	51.00 1.06 1.87	54.68 1.10 0.25	99.35 2.46 0.67	90.83 2.76 5.53	89.14 2.93 0.00	93.40 2.72 0.00	88.36 2.09 0.00	103.65 1.57 0.00	89.19 1.24 0.00	57.43 0.66 0.00
STATE_ST_34_KV_LOAD 55959	55.34 0.21 0.00	38.37 0.16 0.00	34.80 0.34 0.00	35.94 0.16 0.00	36.28 0.22 0.00	37.82 0.21 0.00	41.70 0.26 0.00	46.80 -0.01 0.00	49.18 -0.13 0.00	65.76 -0.14 0.00	41.39 -0.15 0.00	50.29 -0.30 0.00	51.80 -0.37 0.00	53.04 -0.49 0.00	51.62 -0.20 0.00	53.84 0.02 0.00	97.95 0.39 0.00	94.45 0.85 0.00	87.33 1.10 -0.02	92.51 1.44 -0.39	88.36 1.47 -0.62	105.79 1.32 -2.39	90.69 1.05 -1.69	57.34 0.55 -0.02
STATION_5_MISC_HYD 23604	54.77 -0.35 0.00	37.93 -0.28 0.00	34.32 -0.14 0.00	35.48 -0.29 0.00	35.64 -0.42 0.00	37.21 -0.40 0.00	40.96 -0.47 0.00	46.24 -0.57 0.00	48.53 -0.78 0.00	65.11 -0.78 0.00	41.08 -0.46 0.00	50.06 -0.54 0.00	51.69 -0.47 0.00	53.22 -0.31 0.00	51.54 -0.27 0.00	54.01 0.19 0.00	98.12 0.56 0.00	94.76 1.15 0.00	87.42 1.21 0.00	91.72 1.04 0.00	87.38 1.12 0.00	102.95 0.87 0.00	89.08 1.12 0.00	57.25 0.48 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	54.78 -0.35 0.00	37.96 -0.25 0.00	34.34 -0.12 0.00	35.51 -0.27 0.00	35.68 -0.37 0.00	37.24 -0.37 0.00	41.02 -0.42 0.00	46.26 -0.55 0.00	48.51 -0.80 0.00	65.00 -0.90 0.00	40.98 -0.56 0.00	49.91 -0.69 0.00	51.46 -0.70 0.00	52.95 -0.58 0.00	51.30 -0.51 0.00	53.70 -0.12 0.00	97.62 0.06 0.00	94.31 0.70 0.00	87.27 1.05 -0.01	91.85 1.01 -0.17	87.52 1.00 -0.26	103.69 0.60 -1.01	89.39 0.72 -0.72	57.05 0.27 -0.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	54.50 -0.62 0.00	37.75 -0.46 0.00	34.14 -0.32 0.00	35.31 -0.47 0.00	35.46 -0.60 0.00	37.03 -0.58 0.00	40.76 -0.67 0.00	46.01 -0.79 0.00	48.31 -1.00 0.00	64.81 -1.09 0.00	40.89 -0.65 0.00	49.82 -0.77 0.00	51.43 -0.73 0.00	52.96 -0.57 0.00	51.29 -0.53 0.00	53.73 -0.09 0.00	97.66 0.10 0.00	94.30 0.69 0.00	87.06 0.85 0.00	91.35 0.67 0.00	86.97 0.71 0.00	102.44 0.37 0.00	88.62 0.67 0.00	56.93 0.16 0.00
STA_56___34_KV_BUS2 355983	54.50 -0.62 0.00	37.75 -0.46 0.00	34.14 -0.32 0.00	35.31 -0.47 0.00	35.46 -0.60 0.00	37.03 -0.58 0.00	40.76 -0.67 0.00	46.01 -0.79 0.00	48.31 -1.00 0.00	64.81 -1.09 0.00	40.89 -0.65 0.00	49.82 -0.77 0.00	51.43 -0.73 0.00	52.96 -0.57 0.00	51.29 -0.53 0.00	53.73 -0.09 0.00	97.66 0.10 0.00	94.30 0.69 0.00	87.06 0.85 0.00	91.35 0.67 0.00	86.97 0.71 0.00	102.44 0.37 0.00	88.62 0.67 0.00	56.93 0.16 0.00
STA_67___115KV_BK2 355882	54.64 -0.49 0.00	37.84 -0.37 0.00	34.24 -0.21 0.00	35.41 -0.36 0.00	35.57 -0.49 0.00	37.14 -0.47 0.00	40.88 -0.56 0.00	46.14 -0.67 0.00	48.43 -0.88 0.00	64.97 -0.92 0.00	40.99 -0.56 0.00	49.94 -0.66 0.00	51.55 -0.61 0.00	53.08 -0.45 0.00	51.38 -0.43 0.00	53.85 0.03 0.00	97.83 0.27 0.00	94.42 0.81 0.00	87.11 0.90 0.00	91.43 0.76 0.00	87.11 0.84 0.00	102.65 0.57 0.00	88.87 0.92 0.00	57.10 0.32 0.00
STA_7___115KV_9TRANS 80674	55.08 -0.05 0.00	38.13 -0.07 0.00	34.49 0.03 0.00	35.66 -0.12 0.00	35.81 -0.25 0.00	37.39 -0.23 0.00	41.14 -0.30 0.00	46.44 -0.37 0.00	48.76 -0.55 0.00	65.44 -0.46 0.00	41.30 -0.24 0.00	50.35 -0.25 0.00	52.02 -0.14 0.00	53.57 0.04 0.00	51.88 0.07 0.00	54.40 0.58 0.00	98.86 1.30 0.00	95.46 1.85 0.00	88.11 1.90 0.00	92.43 1.75 0.00	88.01 1.75 0.00	103.63 1.56 0.00	89.66 1.70 0.00	57.57 0.79 0.00
STA_82___115KV_TB1 80780	54.66 -0.47 0.00	37.85 -0.36 0.00	34.25 -0.20 0.00	35.42 -0.35 0.00	35.58 -0.48 0.00	37.15 -0.46 0.00	40.89 -0.55 0.00	46.16 -0.65 0.00	48.43 -0.88 0.00	64.98 -0.92 0.00	40.99 -0.55 0.00	49.94 -0.66 0.00	51.56 -0.61 0.00	53.08 -0.45 0.00	51.38 -0.43 0.00	53.85 0.03 0.00	97.83 0.27 0.00	94.44 0.83 0.00	87.15 0.94 0.00	91.45 0.77 0.00	87.14 0.88 0.00	102.69 0.61 0.00	88.91 0.95 0.00	57.12 0.35 0.00
STEEL___WIND 323596	53.87 -1.25 0.00	37.31 -0.90 0.00	33.82 -0.63 0.00	34.93 -0.85 0.00	35.02 -1.03 0.00	36.59 -1.03 0.00	40.32 -1.12 0.00	45.60 -1.20 0.00	47.74 -1.58 0.00	64.16 -1.73 0.00	40.53 -1.01 0.00	49.45 -1.15 0.00	51.04 -1.13 0.00	52.52 -1.01 0.00	50.86 -0.95 0.00	53.52 -0.30 0.00	97.17 -0.39 0.00	93.78 0.17 0.00	86.39 0.18 0.00	90.44 -0.24 0.00	86.34 0.07 0.00	101.83 -0.25 0.00	88.64 0.69 0.00	56.94 0.17 0.00
STEPHTWN_115KV_BK_2 55603	56.58 1.46 0.00	39.11 0.91 0.00	35.49 1.03 0.00	36.72 0.94 0.00	37.00 0.94 0.00	38.55 0.93 0.00	42.26 0.82 0.00	47.62 0.81 0.00	50.30 0.99 0.00	67.22 1.33 0.00	41.68 0.95 0.81	51.28 1.25 0.56	40.32 1.26 13.10	51.28 1.29 3.54	51.50 1.36 1.67	55.20 1.60 0.22	100.15 3.18 0.59	92.29 3.62 4.93	89.95 3.74 0.00	93.97 3.29 0.00	88.94 2.68 0.00	104.45 2.38 0.00	89.73 1.78 0.00	57.83 1.06 0.00
STEUBEN_REC_LFGE 323667	55.74 0.62 0.00	38.70 0.49 0.00	35.08 0.62 0.00	36.16 0.38 0.00	36.20 0.14 0.00	37.79 0.18 0.00	41.82 0.39 0.00	47.06 0.25 0.00	48.95 -0.36 0.00	65.56 -0.33 0.00	41.28 -0.27 0.00	50.15 -0.45 0.00	51.75 -0.41 0.00	53.15 -0.37 0.00	51.54 -0.27 0.00	54.08 0.26 0.00	98.45 0.89 0.00	95.26 1.66 0.00	88.70 2.49 0.00	93.57 2.89 0.00	89.46 3.19 0.00	105.53 3.45 0.00	91.27 3.31 0.00	58.80 2.02 0.00
STILLWATER___SOLAR 323814	57.73 2.60 0.00	39.89 1.69 0.00	36.21 1.75 0.00	37.46 1.69 0.00	37.78 1.73 0.00	39.36 1.75 0.00	43.18 1.74 0.00	48.47 1.66 0.00	51.09 1.78 0.00	68.14 2.24 0.00	41.02 1.19 1.71	50.98 1.57 1.19	26.05 1.54 27.66	47.79 1.72 7.46	49.88 1.58 3.52	55.11 1.75 0.46	99.78 3.48 1.26	87.45 4.25 10.41	90.61 4.40 0.00	95.71 5.03 0.00	90.58 4.32 0.00	106.49 4.41 0.00	91.60 3.65 0.00	58.77 1.99 0.00
STONY___BROOK 24151	59.45 4.32 0.00	46.35 3.34 -4.80	38.52 3.32 -0.74	38.95 3.17 0.00	39.12 3.07 0.00	40.64 3.03 0.00	44.73 3.29 0.00	50.85 4.04 0.00	54.13 4.82 0.00	86.65 6.81 -13.94	76.00 4.54 -29.91	60.06 5.59 -3.87	86.44 5.67 -28.60	85.72 5.92 -26.27	89.36 5.87 -31.68	58.87 5.29 0.25	103.78 9.78 3.56	106.57 9.25 -3.71	95.30 9.09 0.00	98.29 7.62 0.00	91.97 5.71 0.00	106.07 5.13 1.14	85.19 4.02 6.79	55.82 2.65 3.60
STURGEON_POOL_HYD 23609	58.11 2.98 0.00	39.49 2.00 0.71	36.40 2.05 0.11	37.76 1.98 0.00	38.00 1.94 0.00	39.50 1.89 0.00	43.39 1.96 0.00	48.99 2.18 0.00	51.88 2.57 0.00	69.56 3.83 0.18	41.21 2.72 3.05	54.33 3.48 -0.26	63.88 3.61 -8.12	59.52 3.80 -2.19	56.66 3.81 -1.04	57.80 3.84 -0.14	105.59 7.66 -0.37	104.58 7.91 -3.06	93.83 7.62 0.00	97.61 6.94 0.00	91.75 5.48 0.00	107.11 5.03 0.00	92.09 4.13 0.00	59.33 2.55 0.00

ST_LAW_115_BK7_LBMP 345037	54.62 -0.50 0.00	37.89 -0.32 0.00	33.98 -0.48 0.00	35.37 -0.40 0.00	35.64 -0.41 0.00	37.19 -0.42 0.00	41.05 -0.39 0.00	46.60 -0.21 0.00	49.20 -0.11 0.00	65.63 -0.27 0.00	41.47 -0.07 0.00	50.49 -0.11 0.00	52.08 -0.08 0.00	53.34 -0.20 0.00	51.46 -0.36 0.00	53.29 -0.53 0.00	96.35 -1.21 0.00	92.06 -1.55 0.00	84.52 -1.69 0.00	89.39 -1.29 0.00	85.62 -0.64 0.00	101.97 -0.11 0.00	87.77 -0.19 0.00	56.80 0.03 0.00
ST_LAW_115_BK8_LBMP 345038	54.62 -0.50 0.00	37.89 -0.32 0.00	33.98 -0.48 0.00	35.37 -0.40 0.00	35.64 -0.41 0.00	37.19 -0.42 0.00	41.05 -0.39 0.00	46.60 -0.21 0.00	49.20 -0.11 0.00	65.63 -0.27 0.00	41.47 -0.07 0.00	50.49 -0.11 0.00	52.08 -0.08 0.00	53.34 -0.20 0.00	51.46 -0.36 0.00	53.29 -0.53 0.00	96.35 -1.21 0.00	92.06 -1.55 0.00	84.52 -1.69 0.00	89.39 -1.29 0.00	85.62 -0.64 0.00	101.97 -0.11 0.00	87.77 -0.19 0.00	56.80 0.03 0.00
ST_LAW_230_BK5_LBMP 345035	54.63 -0.50 0.00	37.89 -0.32 0.00	34.00 -0.46 0.00	35.38 -0.39 0.00	35.65 -0.41 0.00	37.19 -0.42 0.00	41.05 -0.38 0.00	46.60 -0.21 0.00	49.19 -0.12 0.00	65.64 -0.26 0.00	41.47 -0.08 0.00	50.49 -0.11 0.00	52.07 -0.09 0.00	53.34 -0.19 0.00	51.46 -0.35 0.00	53.32 -0.50 0.00	96.44 -1.13 0.00	92.18 -1.42 0.00	84.60 -1.61 0.00	89.44 -1.24 0.00	85.62 -0.64 0.00	101.94 -0.14 0.00	87.76 -0.19 0.00	56.79 0.02 0.00
ST_LAW_230_BK6_LBMP 345036	54.63 -0.50 0.00	37.89 -0.32 0.00	34.00 -0.46 0.00	35.38 -0.39 0.00	35.65 -0.41 0.00	37.19 -0.42 0.00	41.05 -0.38 0.00	46.60 -0.21 0.00	49.19 -0.12 0.00	65.64 -0.26 0.00	41.47 -0.08 0.00	50.49 -0.11 0.00	52.07 -0.09 0.00	53.34 -0.19 0.00	51.46 -0.35 0.00	53.32 -0.50 0.00	96.44 -1.13 0.00	92.18 -1.42 0.00	84.60 -1.61 0.00	89.44 -1.24 0.00	85.62 -0.64 0.00	101.94 -0.14 0.00	87.76 -0.19 0.00	56.79 0.02 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	58.09 2.97 0.00	34.53 1.96 5.64	35.62 2.02 0.87	37.70 1.93 0.00	37.97 1.91 0.00	39.46 1.85 0.00	43.31 1.87 0.00	48.88 2.07 0.00	51.79 2.48 0.00	68.21 3.71 1.40	17.78 2.58 26.34	54.46 3.34 -0.52	68.08 3.44 -12.47	60.52 3.62 -3.37	57.04 3.64 -1.59	57.69 3.66 -0.21	105.36 7.23 -0.57	105.92 7.62 -4.69	93.55 7.34 0.00	97.36 6.69 0.00	91.49 5.23 0.00	106.81 4.73 0.00	91.83 3.87 0.00	59.19 2.41 0.00
SWANROAD_115KV_TB1 355699	52.58 -2.54 0.00	36.47 -1.74 0.00	33.09 -1.37 0.00	34.19 -1.59 0.00	34.26 -1.80 0.00	35.84 -1.78 0.00	39.49 -1.95 0.00	44.64 -2.17 0.00	46.70 -2.61 0.00	62.75 -3.15 0.00	39.69 -1.85 0.00	48.31 -2.28 0.00	49.79 -2.38 0.00	51.21 -2.32 0.00	49.46 -2.35 0.00	52.02 -1.80 0.00	94.15 -3.41 0.00	90.98 -2.63 0.00	83.71 -2.50 0.00	87.68 -3.00 0.00	83.86 -2.40 0.00	98.93 -3.15 0.00	86.53 -1.42 0.00	55.55 -1.22 0.00
SYNERGY___BIOGAS 323694	55.24 0.11 0.00	38.22 0.02 0.00	34.59 0.13 0.00	35.73 -0.05 0.00	35.82 -0.23 0.00	37.41 -0.20 0.00	41.19 -0.24 0.00	46.43 -0.38 0.00	48.46 -0.85 0.00	64.96 -0.94 0.00	40.99 -0.55 0.00	49.92 -0.68 0.00	51.52 -0.64 0.00	53.10 -0.44 0.00	51.39 -0.42 0.00	54.08 0.26 0.00	98.32 0.76 0.00	95.35 1.74 0.00	88.24 2.03 0.00	93.04 2.36 0.00	89.09 2.82 0.00	104.99 2.91 0.00	91.16 3.20 0.00	58.33 1.56 0.00
SYRACUSE___ENERGY_ST1 323597	55.00 -0.12 0.00	38.15 -0.06 0.00	34.50 0.04 0.00	35.72 -0.06 0.00	35.97 -0.09 0.00	37.51 -0.10 0.00	41.30 -0.13 0.00	46.53 -0.27 0.00	48.94 -0.37 0.00	65.43 -0.47 0.00	41.11 -0.43 0.00	49.99 -0.61 0.00	51.54 -0.63 0.00	52.96 -0.57 0.00	51.39 -0.42 0.00	53.53 -0.29 0.00	97.36 -0.20 0.00	93.73 0.13 0.00	86.74 0.51 -0.02	91.66 0.47 -0.51	87.45 0.39 -0.80	105.19 0.03 -3.08	90.13 -0.02 -2.19	56.65 -0.16 -0.03
SYRACUSE___ENERGY_ST2 323598	55.00 -0.12 0.00	38.15 -0.06 0.00	34.50 0.04 0.00	35.72 -0.06 0.00	35.97 -0.09 0.00	37.51 -0.10 0.00	41.30 -0.13 0.00	46.53 -0.27 0.00	48.94 -0.37 0.00	65.43 -0.47 0.00	41.11 -0.43 0.00	49.99 -0.61 0.00	51.54 -0.63 0.00	52.96 -0.57 0.00	51.39 -0.42 0.00	53.53 -0.29 0.00	97.36 -0.20 0.00	93.73 0.13 0.00	86.74 0.51 -0.02	91.66 0.47 -0.51	87.45 0.39 -0.80	105.19 0.03 -3.08	90.13 -0.02 -2.19	56.65 -0.16 -0.03
SYRACUSE___POWER 24017	55.03 -0.09 0.00	38.16 -0.05 0.00	34.50 0.04 0.00	35.73 -0.05 0.00	35.97 -0.09 0.00	37.50 -0.11 0.00	41.28 -0.16 0.00	46.54 -0.27 0.00	48.94 -0.37 0.00	65.42 -0.48 0.00	41.09 -0.45 0.00	50.00 -0.59 0.00	51.55 -0.61 0.00	52.99 -0.54 0.00	51.43 -0.39 0.00	53.57 -0.25 0.00	97.43 -0.13 0.00	93.79 0.19 0.00	86.85 0.63 -0.01	91.45 0.61 -0.16	87.00 0.48 -0.25	103.18 0.13 -0.97	88.69 0.05 -0.69	56.66 -0.12 -0.01
TALLMAN_138KV_BK151 55660	58.47 3.34 0.00	33.01 2.19 7.39	35.55 2.23 1.13	37.90 2.13 0.00	38.17 2.11 0.00	39.67 2.06 0.00	43.54 2.10 0.00	49.16 2.35 0.00	52.13 2.82 0.00	68.30 4.23 1.83	9.83 2.96 34.68	55.00 3.85 -0.55	69.13 3.97 -12.99	61.23 4.19 -3.51	57.64 4.17 -1.65	58.21 4.17 -0.22	106.26 8.11 -0.59	106.98 8.48 -4.89	94.27 8.06 0.00	97.95 7.27 0.00	91.95 5.68 0.00	107.26 5.19 0.00	92.17 4.22 0.00	59.47 2.70 0.00
TEALLAVE_115KV_TB7 355573	54.77 -0.36 0.00	37.98 -0.23 0.00	34.34 -0.12 0.00	35.58 -0.20 0.00	35.80 -0.25 0.00	37.34 -0.28 0.00	41.10 -0.34 0.00	46.34 -0.47 0.00	48.74 -0.57 0.00	65.16 -0.74 0.00	40.93 -0.61 0.00	49.79 -0.80 0.00	51.35 -0.81 0.00	52.80 -0.73 0.00	51.21 -0.61 0.00	53.34 -0.48 0.00	96.97 -0.59 0.00	93.32 -0.28 0.00	86.37 0.16 -0.01	90.91 0.08 -0.15	86.50 0.00 -0.23	102.54 -0.44 -0.91	88.20 -0.40 -0.65	56.37 -0.42 -0.01
TELGRAPH_34_KV_EAST 80808	53.95 -1.17 0.00	37.38 -0.82 0.00	33.88 -0.57 0.00	35.00 -0.77 0.00	35.09 -0.96 0.00	36.67 -0.94 0.00	40.38 -1.06 0.00	45.58 -1.22 0.00	47.66 -1.65 0.00	64.00 -1.89 0.00	40.43 -1.11 0.00	49.25 -1.34 0.00	50.81 -1.35 0.00	52.31 -1.22 0.00	50.57 -1.24 0.00	53.20 -0.62 0.00	96.52 -1.04 0.00	93.37 -0.23 0.00	86.11 -0.10 0.00	90.43 -0.25 0.00	86.56 0.30 0.00	102.05 -0.03 0.00	88.92 0.97 0.00	57.00 0.23 0.00
TEMPLE___115KV_TB 2 55572	54.79 -0.34 0.00	37.99 -0.21 0.00	34.34 -0.11 0.00	35.58 -0.20 0.00	35.82 -0.24 0.00	37.34 -0.28 0.00	41.11 -0.33 0.00	46.35 -0.46 0.00	48.74 -0.57 0.00	65.18 -0.72 0.00	40.93 -0.61 0.00	49.81 -0.79 0.00	51.37 -0.80 0.00	52.80 -0.73 0.00	51.23 -0.58 0.00	53.36 -0.46 0.00	97.02 -0.54 0.00	93.37 -0.24 0.00	86.41 0.19 -0.01	90.88 0.08 -0.12	86.46 0.00 -0.19	102.36 -0.44 -0.73	88.07 -0.40 -0.52	56.38 -0.41 -0.01
TIANA___69_KV_BK 1 55817	59.18 4.05 0.00	46.11 3.10 -4.80	38.29 3.09 -0.74	38.69 2.91 0.00	38.86 2.81 0.00	40.37 2.76 0.00	44.58 3.14 0.00	50.86 4.05 0.00	54.32 5.01 0.00	87.15 7.32 -13.94	76.30 4.86 -29.90	60.52 6.06 -3.87	86.98 6.21 -28.60	86.29 6.49 -26.26	88.00 6.39 -29.80	57.16 5.79 2.46	105.11 11.23 3.69	108.18 10.89 -3.67	96.70 10.49 0.00	99.61 8.93 0.00	93.54 7.27 0.00	107.54 6.45 1.00	87.74 5.45 5.66	56.58 3.53 3.72

TILDEN___115KV_TB1 80814	55.03 -0.09 0.00	38.16 -0.05 0.00	34.50 0.04 0.00	35.73 -0.05 0.00	35.97 -0.09 0.00	37.50 -0.11 0.00	41.28 -0.16 0.00	46.54 -0.27 0.00	48.94 -0.37 0.00	65.42 -0.48 0.00	41.09 -0.45 0.00	50.00 -0.59 0.00	51.55 -0.61 0.00	52.99 -0.54 0.00	51.43 -0.39 0.00	53.57 -0.25 0.00	97.43 -0.13 0.00	93.79 0.19 0.00	86.85 0.63 -0.01	91.45 0.61 -0.16	87.00 0.48 -0.25	103.18 0.13 -0.97	88.69 0.05 -0.69	56.66 -0.12 -0.01
TRIGEN___CC 323695	58.92 3.80 0.00	45.82 2.82 -4.80	38.00 2.81 -0.74	38.49 2.71 0.00	38.71 2.65 0.00	40.22 2.61 0.00	44.20 2.76 0.00	50.06 3.25 0.00	53.21 3.90 -13.94	85.45 5.61 -31.91	77.26 3.81 -3.87	59.18 4.72 -28.60	85.58 4.82 -26.26	84.76 4.97 -30.32	87.08 4.94 -22.21	80.72 4.69 -19.76	126.80 9.48 -10.73	113.51 9.17 0.00	94.99 8.79 0.00	98.34 7.67 0.00	92.26 6.00 0.00	107.52 5.45 0.00	107.53 4.97 -14.60	76.32 3.33 -16.22
TRINITY___115KV___4 BK 55933	55.93 0.80 0.00	38.75 0.54 0.00	35.17 0.71 0.00	36.40 0.63 0.00	36.69 0.64 0.00	38.22 0.61 0.00	41.85 0.42 0.00	47.16 0.35 0.00	49.78 0.47 0.00	66.56 0.67 0.00	41.25 0.54 0.83	50.72 0.70 0.57	39.50 0.71 13.37	50.70 0.78 3.61	50.91 0.80 1.70	54.42 0.82 0.22	98.81 1.86 0.61	90.74 2.17 5.03	88.57 2.36 0.00	92.80 2.12 0.00	87.80 1.53 0.00	103.03 0.96 0.00	88.69 0.73 0.00	57.14 0.36 0.00
UNION___PROCESSING_DRP 323587	54.67 -0.45 0.00	37.86 -0.34 0.00	34.27 -0.19 0.00	35.43 -0.35 0.00	35.58 -0.47 0.00	37.16 -0.45 0.00	40.89 -0.55 0.00	46.16 -0.65 0.00	48.44 -0.87 0.00	64.99 -0.91 0.00	41.00 -0.55 0.00	49.94 -0.66 0.00	51.57 -0.60 0.00	53.10 -0.43 0.00	51.39 -0.42 0.00	53.87 0.05 0.00	97.86 0.30 0.00	94.46 0.86 0.00	87.17 0.96 0.00	91.49 0.81 0.00	87.17 0.90 0.00	102.72 0.65 0.00	88.92 0.97 0.00	57.13 0.36 0.00
UPPER HUDSON___HYD 24058	57.75 2.63 0.00	39.91 1.71 0.00	36.17 1.71 0.00	37.37 1.59 0.00	37.62 1.57 0.00	39.18 1.57 0.00	43.02 1.58 0.00	48.28 1.47 0.00	50.88 1.56 0.00	67.86 1.96 0.00	40.90 0.84 1.47	50.78 1.21 1.02	29.28 1.00 23.87	48.39 1.30 6.44	49.84 1.07 3.04	54.75 1.33 0.40	99.32 2.84 1.08	88.47 3.84 8.98	90.51 4.30 0.00	95.72 5.05 0.00	90.88 4.62 0.00	106.61 4.53 0.00	91.43 3.48 0.00	58.55 1.78 0.00
UPPER RAQUET___HYD 24056	55.72 0.60 0.00	38.62 0.41 0.00	34.63 0.17 0.00	36.03 0.26 0.00	36.30 0.24 0.00	37.89 0.27 0.00	41.75 0.31 0.00	47.37 0.57 0.00	50.00 0.69 0.00	66.54 0.64 0.00	41.97 0.43 0.00	51.09 0.50 0.00	52.70 0.54 0.00	53.88 0.35 0.00	51.90 0.09 0.00	53.71 -0.11 0.00	97.02 -0.54 0.00	92.87 -0.74 0.00	85.47 -0.74 0.00	90.96 0.28 0.00	87.72 1.46 0.00	104.43 2.35 0.00	90.00 2.05 0.00	58.23 1.46 0.00
VALLEY44_115KV_TB2 355964	53.94 -1.19 0.00	37.20 -1.01 0.00	33.77 -0.69 0.00	34.90 -0.88 0.00	35.07 -0.98 0.00	36.65 -0.96 0.00	40.42 -1.02 0.00	45.64 -1.17 0.00	47.73 -1.58 0.00	63.99 -1.91 0.00	40.18 -1.36 0.00	48.97 -1.63 0.00	50.77 -1.40 0.00	52.19 -1.34 0.00	50.69 -1.12 0.00	53.29 -0.53 0.00	97.04 -0.52 0.00	93.19 -0.41 0.00	86.05 -0.16 0.00	89.86 -0.81 0.00	85.73 -0.53 0.00	101.61 -0.47 0.00	88.33 0.38 0.00	56.83 0.06 0.00
VALLEY___115KV_TB 1-4 80826	55.70 0.57 0.00	38.47 0.27 0.00	34.95 0.50 0.00	36.18 0.40 0.00	36.43 0.37 0.00	37.99 0.38 0.00	41.76 0.32 0.00	46.90 0.09 0.00	49.36 0.05 0.00	65.87 -0.03 0.00	41.29 -0.25 0.00	50.48 -0.11 0.00	51.86 -0.30 0.00	53.34 -0.19 0.00	51.49 -0.33 0.00	53.59 -0.23 0.00	97.53 -0.03 0.00	94.22 0.61 0.00	87.79 1.58 0.00	92.89 2.21 0.00	88.18 1.92 0.00	103.83 1.75 0.00	89.13 1.17 0.00	57.23 0.45 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	57.64 2.51 0.00	39.87 1.66 0.00	36.10 1.65 0.00	37.48 1.70 0.00	37.68 1.62 0.00	39.23 1.61 0.00	43.16 1.73 0.00	48.73 1.93 0.00	51.42 2.11 0.00	68.89 3.00 0.00	43.53 1.98 0.00	53.12 2.53 0.00	54.79 2.63 0.00	56.21 2.68 0.00	54.54 2.73 0.00	56.71 2.89 0.00	103.25 5.69 0.00	99.31 5.70 0.00	91.92 5.71 0.00	96.33 5.65 0.00	91.14 4.88 0.00	106.99 4.92 0.00	92.08 4.13 0.00	59.26 2.49 0.00
VISCHER___FERRY HYD 24020	56.99 1.86 0.00	39.41 1.21 0.00	35.85 1.39 0.00	37.10 1.32 0.00	37.49 1.43 0.00	39.07 1.45 0.00	42.79 1.35 0.00	48.06 1.26 0.00	50.82 1.51 0.00	67.81 1.92 0.00	40.39 1.04 2.19	50.39 1.32 1.52	18.01 1.30 35.45	45.38 1.42 9.56	48.62 1.32 4.51	54.64 1.41 0.59	98.64 2.69 1.61	83.58 3.31 13.33	89.48 3.27 0.00	94.35 3.67 0.00	89.17 2.91 0.00	104.87 2.79 0.00	90.37 2.42 0.00	58.04 1.27 0.00
V_A_10_SYNC_DSASP 323832	53.65 -1.47 0.00	37.18 -1.03 0.00	33.72 -0.74 0.00	34.87 -0.91 0.00	34.98 -1.07 0.00	36.55 -1.06 0.00	40.27 -1.17 0.00	45.51 -1.30 0.00	47.70 -1.61 0.00	64.03 -1.86 0.00	40.42 -1.12 0.00	49.24 -1.36 0.00	50.79 -1.37 0.00	52.24 -1.29 0.00	50.51 -1.30 0.00	53.04 -0.78 0.00	96.22 -1.35 0.00	92.77 -0.83 0.00	85.38 -0.83 0.00	89.39 -1.29 0.00	85.31 -0.95 0.00	100.68 -1.40 0.00	87.65 -0.31 0.00	56.36 -0.42 0.00
V_CMM_10_SYNC_DSASP 323787	54.90 -0.22 0.00	38.08 -0.13 0.00	34.15 -0.30 0.00	35.56 -0.21 0.00	35.82 -0.24 0.00	37.38 -0.23 0.00	41.26 -0.18 0.00	46.85 0.04 0.00	49.45 0.13 0.00	65.97 0.07 0.00	41.69 0.15 0.00	50.74 0.14 0.00	52.35 0.19 0.00	53.62 0.09 0.00	51.72 -0.09 0.00	53.58 -0.24 0.00	96.85 -0.71 0.00	92.17 -1.43 0.00	84.96 -1.25 0.00	89.91 -0.77 0.00	86.13 -0.14 0.00	102.49 0.41 0.00	87.88 -0.07 0.00	56.90 0.12 0.00
V_CMP_10_SYNC_DSASP 323788	55.39 0.26 0.00	38.44 0.23 0.00	34.47 0.01 0.00	35.76 -0.02 0.00	36.04 -0.01 0.00	37.58 -0.03 0.00	41.44 0.01 0.00	46.98 0.17 0.00	49.86 0.54 0.00	66.32 0.42 0.00	41.85 0.31 0.00	51.01 0.41 0.00	52.71 0.55 0.00	53.95 0.42 0.00	51.96 0.15 0.00	53.97 0.15 0.00	97.96 0.40 0.00	93.91 0.30 0.00	86.00 -0.21 0.00	91.25 0.57 0.00	87.41 1.15 0.00	103.74 1.66 0.00	89.25 1.29 0.00	57.83 1.06 0.00
V_D_10_SYNC_DSASP 323841	55.32 0.19 0.00	38.37 0.16 0.00	34.42 -0.04 0.00	35.82 0.04 0.00	36.08 0.02 0.00	37.64 0.03 0.00	41.55 0.11 0.00	47.17 0.36 0.00	49.77 0.46 0.00	66.33 0.43 0.00	41.93 0.39 0.00	51.04 0.44 0.00	52.66 0.50 0.00	53.92 0.39 0.00	52.01 0.20 0.00	53.84 0.02 0.00	97.23 -0.33 0.00	92.96 -0.65 0.00	85.36 -0.85 0.00	90.38 -0.29 0.00	86.72 0.46 0.00	103.19 1.11 0.00	88.98 1.03 0.00	57.64 0.87 0.00
V_E_10_SYNC_DSASP 323830	58.44 3.31 0.00	40.43 2.23 0.00	36.69 2.23 0.00	37.99 2.21 0.00	38.24 2.18 0.00	39.91 2.31 0.00	44.04 2.60 0.00	49.68 2.88 0.00	52.16 2.85 0.00	69.56 3.66 0.00	43.75 2.20 0.00	53.25 2.65 0.00	54.75 2.58 0.00	56.19 2.66 0.00	54.35 2.54 0.00	56.76 2.94 0.00	103.69 6.13 0.00	100.47 6.87 0.00	94.06 7.84 0.00	99.96 9.28 0.00	95.20 8.93 0.00	111.88 9.80 0.00	95.94 7.98 0.00	61.36 4.59 0.00

V_F_30_NSYNC___DSASP 323816	57.81 2.68 0.00	39.94 1.73 0.00	36.24 1.78 0.00	37.50 1.73 0.00	37.81 1.76 0.00	39.38 1.77 0.00	43.22 1.78 0.00	48.53 1.72 0.00	51.17 1.86 0.00	68.28 2.38 0.00	41.23 1.30 1.61	51.19 1.71 1.12	27.83 1.68 26.01	48.37 1.86 7.02	50.23 1.73 3.31	55.30 1.91 0.43	100.15 3.77 1.18	88.32 4.49 9.78	90.84 4.63 0.00	95.90 5.22 0.00	90.75 4.48 0.00	106.64 4.56 0.00	91.73 3.78 0.00	58.85 2.08 0.00
V_F_30_SYNC_DSASP 323786	56.22 1.10 0.00	38.94 0.74 0.00	35.33 0.87 0.00	36.56 0.78 0.00	36.84 0.79 0.00	38.37 0.76 0.00	42.02 0.59 0.00	47.35 0.54 0.00	49.98 0.67 0.00	66.87 0.97 0.00	41.36 0.72 0.90	50.90 0.94 0.63	38.54 0.97 14.60	50.63 1.04 3.94	51.01 1.05 1.86	54.68 1.10 0.24	99.35 2.45 0.66	90.86 2.74 5.49	89.13 2.92 0.00	93.39 2.71 0.00	88.34 2.08 0.00	103.65 1.57 0.00	89.18 1.23 0.00	57.43 0.66 0.00
V_XM_10_SYNC_DSASP 323789	55.39 0.26 0.00	38.44 0.23 0.00	34.47 0.01 0.00	35.76 -0.02 0.00	36.04 -0.01 0.00	37.58 -0.03 0.00	41.44 0.01 0.00	46.98 0.17 0.00	49.86 0.54 0.00	66.32 0.42 0.00	41.85 0.31 0.00	51.01 0.41 0.00	52.71 0.55 0.00	53.95 0.42 0.00	51.96 0.15 0.00	53.97 0.15 0.00	97.96 0.40 0.00	93.91 0.30 0.00	86.00 -0.21 0.00	91.25 0.57 0.00	87.41 1.15 0.00	103.74 1.66 0.00	89.25 1.29 0.00	57.83 1.06 0.00
W.BABYLN_69_KV_BK1 56697	59.88 4.75 0.00	46.61 3.61 -4.80	38.76 3.57 -0.74	39.19 3.42 0.00	39.38 3.32 0.00	40.91 3.29 0.00	44.99 3.55 0.00	51.07 4.26 0.00	54.36 5.05 0.00	86.98 7.15 -13.94	76.61 4.80 -30.27	60.32 5.86 -3.87	86.58 5.82 -28.60	85.86 6.06 -26.26	85.61 6.12 -27.68	60.34 5.73 -0.79	109.28 11.10 -0.62	109.17 10.59 -4.97	96.46 10.25 0.00	99.63 8.95 0.00	93.22 6.96 0.00	107.73 6.40 0.76	92.37 5.74 1.32	60.72 3.94 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	58.69 3.56 0.00	32.61 2.36 7.95	35.61 2.37 1.22	38.06 2.28 0.00	38.31 2.26 0.00	39.84 2.23 0.00	43.72 2.28 0.00	49.37 2.56 0.00	52.35 3.04 0.00	68.47 4.54 1.97	7.32 3.16 37.38	55.24 4.09 -0.56	69.53 4.22 -13.14	61.52 4.44 -3.55	57.91 4.42 -1.67	58.44 4.40 -0.22	106.70 8.54 -0.60	107.47 8.92 -4.95	94.69 8.48 0.00	98.40 7.72 0.00	92.37 6.11 0.00	107.74 5.66 0.00	92.58 4.62 0.00	59.70 2.93 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	58.91 3.79 0.00	45.64 2.60 -4.83	37.85 2.65 -0.74	38.36 2.59 0.00	38.63 2.57 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.75 2.94 0.00	52.82 3.51 0.00	72.34 5.24 -1.20	69.25 3.65 -24.06	55.75 4.57 -0.59	70.57 4.67 -13.73	62.08 4.84 -3.71	58.39 4.83 -1.75	58.85 4.80 -0.23	107.50 9.32 -0.62	108.43 9.66 -5.17	95.34 9.13 0.00	98.92 8.24 0.00	92.85 6.59 0.00	108.32 6.24 0.00	93.18 5.22 0.00	60.18 3.41 0.00
W50THST__13_KV_LOAD 356117	59.27 4.14 0.00	45.88 2.84 -4.83	38.06 2.86 -0.74	38.58 2.80 0.00	38.85 2.79 0.00	40.38 2.76 0.00	44.31 2.87 0.00	50.06 3.25 0.00	53.14 3.83 0.00	72.80 5.70 -1.20	69.54 3.94 -24.06	56.12 4.93 -0.59	70.97 5.07 -13.73	62.49 5.25 -3.71	58.77 5.21 -1.75	59.27 5.22 -0.23	108.26 10.08 -0.62	109.17 10.39 -5.17	96.02 9.81 0.00	99.59 8.91 0.00	93.47 7.21 0.00	109.04 6.96 0.00	93.78 5.83 0.00	60.59 3.81 0.00
WADING RIVER_IC_1 23522	58.57 3.45 0.00	45.72 2.71 -4.80	37.94 2.74 -0.74	38.34 2.56 0.00	38.51 2.45 0.00	40.00 2.39 0.00	44.09 2.65 0.00	50.19 3.38 0.00	53.52 4.20 0.00	85.88 6.04 -13.94	75.46 4.02 -29.90	59.46 5.00 -3.87	85.83 5.06 -28.60	85.11 5.32 -26.26	86.83 5.26 -29.76	55.97 4.68 2.52	102.88 9.02 3.70	106.13 8.85 -3.67	94.92 8.71 0.00	97.87 7.19 0.00	91.67 5.40 0.00	105.46 4.38 1.00	85.66 3.34 5.64	55.20 2.16 3.74
WADING RIVER_IC_2 23547	58.57 3.45 0.00	45.72 2.71 -4.80	37.94 2.74 -0.74	38.34 2.56 0.00	38.51 2.45 0.00	40.00 2.39 0.00	44.09 2.65 0.00	50.19 3.38 0.00	53.52 4.20 0.00	85.88 6.04 -13.94	75.46 4.02 -29.90	59.46 5.00 -3.87	85.83 5.06 -28.60	85.11 5.32 -26.26	86.83 5.26 -29.76	55.97 4.68 2.52	102.88 9.02 3.70	106.13 8.85 -3.67	94.92 8.71 0.00	97.87 7.19 0.00	91.67 5.40 0.00	105.46 4.38 1.00	85.66 3.34 5.64	55.20 2.16 3.74
WADING RIVER_IC_3 23601	58.57 3.45 0.00	45.72 2.71 -4.80	37.94 2.74 -0.74	38.34 2.56 0.00	38.51 2.45 0.00	40.00 2.39 0.00	44.09 2.65 0.00	50.19 3.38 0.00	53.52 4.20 0.00	85.88 6.04 -13.94	75.46 4.02 -29.90	59.46 5.00 -3.87	85.83 5.06 -28.60	85.11 5.32 -26.26	86.83 5.26 -29.76	55.97 4.68 2.52	102.88 9.02 3.70	106.13 8.85 -3.67	94.92 8.71 0.00	97.87 7.19 0.00	91.67 5.40 0.00	105.46 4.38 1.00	85.66 3.34 5.64	55.20 2.16 3.74
WALDENNY_12_KV_BK2 80841	53.91 -1.22 0.00	37.34 -0.87 0.00	33.84 -0.62 0.00	34.94 -0.83 0.00	35.03 -1.03 0.00	36.61 -1.01 0.00	40.34 -1.10 0.00	45.62 -1.19 0.00	47.77 -1.54 0.00	64.21 -1.68 0.00	40.60 -0.94 0.00	49.54 -1.05 0.00	51.13 -1.04 0.00	52.62 -0.91 0.00	50.95 -0.86 0.00	53.63 -0.19 0.00	97.39 -0.18 0.00	93.95 0.34 0.00	86.54 0.33 0.00	90.60 -0.08 0.00	86.47 0.20 0.00	101.95 -0.13 0.00	88.79 0.84 0.00	57.00 0.22 0.00
WALDEN___HYDRO 24148	58.35 3.23 0.00	38.15 2.14 2.19	36.30 2.18 0.34	37.86 2.08 0.00	38.12 2.06 0.00	39.62 2.02 0.00	43.50 2.06 0.00	49.08 2.27 0.00	51.98 2.67 0.00	69.32 3.96 0.54	34.39 2.75 9.90	54.55 3.52 -0.43	68.09 3.65 -12.28	60.68 3.83 -3.32	57.21 3.83 -1.57	57.92 3.89 -0.21	105.83 7.71 -0.56	106.36 8.13 -4.63	94.05 7.84 0.00	97.98 7.30 0.00	92.07 5.81 0.00	107.50 5.43 0.00	92.37 4.41 0.00	59.51 2.73 0.00
WARRENSBURG____ 23737	57.75 2.63 0.00	39.92 1.71 0.00	36.17 1.71 0.00	37.37 1.60 0.00	37.62 1.57 0.00	39.18 1.57 0.00	43.02 1.58 0.00	48.28 1.47 0.00	50.88 1.57 0.00	67.86 1.96 0.00	40.90 0.84 1.47	50.79 1.21 1.02	29.29 1.00 23.87	48.39 1.30 6.44	49.84 1.07 3.04	54.75 1.33 0.40	99.31 2.83 1.08	88.47 3.84 8.98	90.51 4.30 0.00	95.73 5.05 0.00	90.89 4.62 0.00	106.61 4.53 0.00	91.43 3.48 0.00	58.56 1.78 0.00
WATERSIDE___6 8 9 23538	58.92 3.80 0.00	45.66 2.63 -4.82	37.92 2.72 -0.74	38.41 2.63 0.00	38.66 2.60 0.00	40.16 2.55 0.00	44.06 2.62 0.00	49.77 2.96 0.00	52.77 3.46 0.00	72.29 5.20 -1.20	69.23 3.69 -24.00	55.79 4.61 -0.59	70.62 4.73 -13.73	62.17 4.94 -3.71	58.46 4.90 -1.75	58.89 4.84 -0.23	107.54 9.35 -0.62	108.52 9.75 -5.17	95.40 9.19 0.00	99.03 8.35 0.00	92.98 6.71 0.00	108.40 6.32 0.00	93.25 5.30 0.00	60.29 3.52 0.00
WATKINRD_115KV_LN8_ILLION 55919	55.58 0.46 0.00	38.44 0.24 0.00	34.86 0.40 0.00	36.12 0.34 0.00	36.38 0.32 0.00	37.92 0.31 0.00	41.68 0.24 0.00	46.88 0.07 0.00	49.35 0.04 0.00	65.90 0.01 0.00	41.38 -0.16 0.00	50.52 -0.08 0.00	51.97 -0.20 0.00	53.40 -0.13 0.00	51.62 -0.19 0.00	53.69 -0.13 0.00	97.59 0.03 0.00	94.11 0.51 0.00	87.43 1.22 0.00	92.31 1.63 0.00	87.65 1.39 0.00	103.30 1.22 0.00	88.75 0.79 0.00	57.07 0.30 0.00

WDELAWARE___HYD 323627	57.17 2.04 0.00	37.61 1.29 1.89	35.53 1.36 0.29	37.01 1.23 0.00	37.23 1.18 0.00	38.69 1.08 0.00	42.47 1.03 0.00	47.93 1.12 0.00	50.71 1.40 0.00	67.63 2.20 0.47	34.62 1.62 8.54	53.08 2.12 -0.36	64.61 2.23 -10.22	58.70 2.41 -2.76	55.60 2.49 -1.30	56.53 2.54 -0.17	103.49 5.47 -0.46	103.57 6.12 -3.85	92.43 6.22 0.00	96.38 5.70 0.00	90.54 4.27 0.00	105.62 3.54 0.00	90.64 2.69 0.00	58.29 1.51 0.00
WEST BABYLON___IC 23714	59.88 4.75 0.00	46.61 3.61 -4.80	38.76 3.57 -0.74	39.19 3.42 0.00	39.38 3.32 0.00	40.91 3.29 0.00	44.99 3.55 0.00	51.07 4.26 0.00	54.36 5.05 0.00	86.98 7.15 -13.94	76.61 4.80 -30.27	60.32 5.86 -3.87	86.58 5.82 -28.60	85.86 6.06 -26.26	85.61 6.12 -27.68	60.34 5.73 -0.79	109.28 11.10 -0.62	109.17 10.59 -4.97	96.46 10.25 0.00	99.63 8.95 0.00	93.22 6.96 0.00	107.73 6.40 0.76	92.37 5.74 1.32	60.72 3.94 0.00
WEST CANADA___HYD 24049	55.35 0.22 0.00	38.36 0.16 0.00	34.67 0.21 0.00	35.96 0.18 0.00	36.24 0.19 0.00	37.80 0.19 0.00	41.60 0.16 0.00	46.92 0.12 0.00	49.46 0.15 0.00	66.09 0.19 0.00	41.65 0.11 0.00	50.75 0.15 0.00	52.32 0.15 0.00	53.69 0.16 0.00	51.97 0.16 0.00	53.99 0.18 0.00	98.00 0.44 0.00	94.12 0.51 0.00	86.85 0.64 0.00	91.31 0.63 0.00	86.74 0.48 0.00	102.39 0.31 0.00	88.22 0.26 0.00	56.89 0.12 0.00
WESTERN_NY_WIND 24143	55.17 0.04 0.00	38.16 -0.04 0.00	34.55 0.09 0.00	35.68 -0.10 0.00	35.78 -0.27 0.00	37.37 -0.24 0.00	41.15 -0.29 0.00	46.38 -0.43 0.00	48.41 -0.90 0.00	64.87 -1.03 0.00	40.93 -0.61 0.00	49.86 -0.74 0.00	51.47 -0.70 0.00	53.03 -0.50 0.00	51.33 -0.48 0.00	54.01 0.19 0.00	98.20 0.64 0.00	95.22 1.61 0.00	88.08 1.88 0.00	92.89 2.21 0.00	88.95 2.69 0.00	104.84 2.77 0.00	91.04 3.09 0.00	58.27 1.50 0.00
WESTOVER___LESR 323668	55.29 0.17 0.00	38.29 0.08 0.00	34.72 0.26 0.00	35.92 0.14 0.00	36.16 0.10 0.00	37.68 0.07 0.00	41.53 0.10 0.00	46.79 -0.01 0.00	49.14 -0.17 0.00	65.84 -0.05 0.00	41.40 -0.15 0.00	50.52 -0.08 0.00	52.18 0.02 0.00	53.59 0.06 0.00	52.07 0.26 0.00	54.35 0.53 0.00	99.00 1.44 0.00	95.07 1.46 0.00	88.05 1.84 0.00	92.27 1.59 0.00	87.53 1.27 0.00	103.13 1.06 0.00	88.93 0.97 0.00	57.26 0.49 0.00
WETHRSFD_WT_PWR 323626	53.97 -1.16 0.00	37.39 -0.81 0.00	33.88 -0.57 0.00	34.99 -0.79 0.00	35.11 -0.95 0.00	36.63 -0.98 0.00	40.39 -1.05 0.00	45.47 -1.34 0.00	47.45 -1.86 0.00	63.64 -2.25 0.00	40.14 -1.40 0.00	48.85 -1.75 0.00	50.38 -1.78 0.00	51.75 -1.78 0.00	50.14 -1.68 0.00	52.64 -1.18 0.00	95.68 -1.88 0.00	92.37 -1.24 0.00	85.53 -0.67 0.00	90.11 -0.56 0.00	86.27 0.01 0.00	101.83 -0.25 0.00	88.44 0.48 0.00	56.91 0.14 0.00
WHAVSTOR_138KV_BK127 55557	58.36 3.23 0.00	32.27 2.14 8.07	35.41 2.20 1.24	37.88 2.10 0.00	38.13 2.08 0.00	39.65 2.04 0.00	43.50 2.07 0.00	49.12 2.31 0.00	52.09 2.78 0.00	68.05 4.16 2.00	6.48 2.90 37.96	54.91 3.75 -0.56	69.20 3.86 -13.18	61.13 4.04 -3.56	57.50 4.01 -1.68	58.02 3.98 -0.22	105.89 7.73 -0.60	106.69 8.13 -4.96	93.94 7.73 0.00	97.66 6.98 0.00	91.70 5.44 0.00	107.01 4.93 0.00	91.97 4.02 0.00	59.36 2.58 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	58.36 3.23 0.00	32.27 2.14 8.07	35.41 2.20 1.24	37.88 2.10 0.00	38.13 2.08 0.00	39.65 2.04 0.00	43.50 2.07 0.00	49.12 2.31 0.00	52.09 2.78 0.00	68.05 4.16 2.00	6.48 2.90 37.96	54.91 3.75 -0.56	69.20 3.86 -13.18	61.13 4.04 -3.56	57.50 4.01 -1.68	58.02 3.98 -0.22	105.89 7.73 -0.60	106.69 8.13 -4.96	93.94 7.73 0.00	97.66 6.98 0.00	91.70 5.44 0.00	107.01 4.93 0.00	91.97 4.02 0.00	59.36 2.58 0.00
WHITEHAL_115KV_TB1 80871	58.24 3.11 0.00	40.75 2.54 0.00	36.76 2.30 0.00	37.74 1.97 0.00	37.84 1.78 0.00	39.52 1.91 0.00	43.56 2.12 0.00	48.64 1.83 0.00	51.14 1.83 0.00	67.32 1.42 0.00	40.34 0.27 1.47	50.09 0.52 1.02	28.12 -0.17 23.87	48.66 1.57 6.44	50.15 1.37 3.04	55.68 2.25 0.40	101.20 4.72 1.08	91.94 7.32 8.98	91.35 5.14 0.00	97.44 6.77 0.00	92.60 6.34 0.00	108.05 5.97 0.00	92.81 4.85 0.00	58.65 1.88 0.00
WHITEPLN_13_KV_LOAD 356215	59.20 4.08 0.00	46.00 2.76 -5.03	38.00 2.77 -0.77	38.47 2.69 0.00	38.73 2.68 0.00	40.26 2.64 0.00	44.18 2.74 0.00	49.91 3.11 0.00	52.96 3.65 0.00	72.51 5.37 -1.25	70.26 3.72 -25.01	55.89 4.71 -0.59	70.75 4.87 -13.72	62.31 5.08 -3.70	58.62 5.06 -1.75	59.18 5.13 -0.23	108.10 9.91 -0.62	109.02 10.25 -5.16	95.97 9.76 0.00	99.76 9.08 0.00	93.67 7.41 0.00	109.23 7.15 0.00	93.84 5.89 0.00	60.48 3.71 0.00
WM_FLOYD_69_KV_BK2 356380	59.17 4.05 0.00	46.16 3.15 -4.80	38.33 3.13 -0.74	38.75 2.97 0.00	38.91 2.85 0.00	40.42 2.81 0.00	44.52 3.09 0.00	50.65 3.84 0.00	53.97 4.66 0.00	86.42 6.59 -13.94	75.79 4.34 -29.91	59.84 5.37 -3.87	86.22 5.45 -28.60	85.54 5.74 -26.26	87.53 5.72 -29.99	56.81 5.16 2.18	103.80 9.87 3.63	106.96 9.66 -3.69	95.69 9.48 0.00	98.70 8.02 0.00	92.44 6.18 0.00	106.42 5.36 1.01	86.75 4.55 5.76	56.08 2.97 3.66
WOODARD___115KV_TB2 355635	54.68 -0.45 0.00	37.92 -0.28 0.00	34.29 -0.17 0.00	35.52 -0.25 0.00	35.76 -0.30 0.00	37.29 -0.32 0.00	41.05 -0.39 0.00	46.29 -0.52 0.00	48.69 -0.62 0.00	65.10 -0.80 0.00	40.89 -0.66 0.00	49.74 -0.85 0.00	51.29 -0.87 0.00	52.73 -0.81 0.00	51.13 -0.68 0.00	53.24 -0.58 0.00	96.78 -0.79 0.00	93.14 -0.47 0.00	86.15 -0.07 -0.02	90.86 -0.17 -0.36	86.59 -0.24 -0.56	103.57 -0.69 -2.17	88.90 -0.60 -1.54	56.26 -0.53 -0.02
WOODMERE_69_KV_BK1 55827	59.67 4.55 0.00	46.34 3.34 -4.80	38.46 3.26 -0.74	38.95 3.17 0.00	39.16 3.11 0.00	40.69 3.08 0.00	44.72 3.28 0.00	50.69 3.88 0.00	53.95 4.64 0.00	86.52 6.68 -13.94	80.82 4.54 -34.73	60.08 5.62 -3.87	86.45 5.69 -28.60	85.70 5.91 -26.26	93.65 5.90 -35.93	121.78 5.77 -62.19	164.54 11.50 -55.48	125.99 10.97 -21.41	96.74 10.53 0.00	100.08 9.40 0.00	93.82 7.56 0.00	110.22 7.22 -0.92	134.83 6.47 -40.40	106.05 4.38 -44.89
YORK___WARBASSE 23770	59.00 3.88 0.00	45.66 2.63 -4.82	37.91 2.71 -0.74	38.41 2.63 0.00	38.64 2.59 0.00	40.15 2.54 0.00	44.05 2.61 0.00	49.73 2.92 0.00	52.67 3.36 0.00	72.23 5.14 -1.20	69.22 3.68 -24.00	55.83 4.64 -0.59	70.66 4.76 -13.73	62.27 5.04 -3.71	58.57 5.01 -1.75	59.00 4.95 -0.23	107.62 9.44 -0.62	108.65 9.88 -5.17	95.58 9.37 0.00	99.17 8.49 0.00	93.17 6.91 0.00	108.59 6.51 0.00	93.44 5.48 0.00	60.48 3.71 0.00