

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/07/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	37.96	40.87	43.83	38.54	38.21	38.44	38.11	38.81	40.33	40.68	40.12	44.70	56.42	59.86	53.17	40.78	52.41	39.86	59.88	52.96	56.94	50.47	37.49	36.59
24138	1.83	2.15	2.09	1.90	2.02	1.95	2.17	2.43	2.15	2.23	2.35	2.76	3.54	3.88	3.65	2.88	3.33	2.41	3.06	2.71	2.94	2.45	2.07	2.24
	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	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	38.07	41.03	44.01	38.70	38.38	38.59	38.23	38.91	40.41	40.70	40.14	44.71	56.44	59.89	53.19	40.81	52.45	39.92	59.99	53.10	57.11	50.65	37.59	36.70
24260	1.93	2.31	2.27	2.07	2.19	2.10	2.29	2.53	2.24	2.25	2.37	2.77	3.56	3.91	3.68	2.92	3.38	2.47	3.17	2.85	3.10	2.63	2.17	2.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	38.07	41.03	44.01	38.70	38.38	38.59	38.23	38.91	40.41	40.70	40.14	44.71	56.44	59.89	53.19	40.81	52.45	39.92	59.99	53.10	57.11	50.65	37.59	36.70
24261	1.93	2.31	2.27	2.07	2.19	2.10	2.29	2.53	2.24	2.25	2.37	2.77	3.56	3.91	3.68	2.92	3.38	2.47	3.17	2.85	3.10	2.63	2.17	2.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	38.78	41.58	44.78	39.30	38.85	39.08	40.48	57.52	43.27	41.68	40.29	44.69	56.29	59.89	53.09	40.84	52.35	39.96	60.75	53.55	60.30	51.73	38.21	37.02
24011	2.64	2.87	3.05	2.67	2.67	2.59	2.58	2.88	2.82	2.74	2.52	2.75	3.40	3.90	3.57	2.94	3.40	2.51	3.92	3.30	3.87	3.70	2.79	2.67
	0.00	0.00	0.00	0.00	0.00	0.00	-1.97	-18.25	-2.28	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	-2.42	0.00	0.00	0.00
ADK RESOURCE___RCVRY	39.14	41.95	45.09	39.58	39.14	39.36	40.72	56.92	43.53	42.01	40.62	45.05	56.71	60.39	53.53	41.30	52.91	40.39	61.43	54.02	60.74	52.20	38.58	37.38
23798	3.00	3.23	3.36	2.95	2.95	2.87	2.91	3.23	3.20	3.09	2.85	3.11	3.83	4.40	4.01	3.41	3.95	2.94	4.60	3.77	4.44	4.18	3.17	3.03
	0.00	0.00	0.00	0.00	0.00	0.00	-1.87	-17.30	-2.16	-0.47	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	-2.30	0.00	0.00	0.00
ADK S GLENS___FALLS	38.78	41.58	44.78	39.30	38.85	39.08	40.48	57.52	43.27	41.68	40.29	44.69	56.29	59.89	53.09	40.84	52.35	39.96	60.75	53.55	60.30	51.73	38.21	37.02
24028	2.64	2.87	3.05	2.67	2.67	2.59	2.58	2.88	2.82	2.74	2.52	2.75	3.40	3.90	3.57	2.94	3.40	2.51	3.92	3.30	3.87	3.70	2.79	2.67
	0.00	0.00	0.00	0.00	0.00	0.00	-1.97	-18.25	-2.28	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	-2.42	0.00	0.00	0.00
ADK_NYS___DAM	38.05	41.08	44.50	39.08	38.64	38.80	41.88	73.68	44.51	41.33	39.57	43.80	55.03	58.19	51.42	39.38	50.68	38.94	59.00	52.46	61.33	50.55	37.50	36.50
23527	1.92	2.36	2.77	2.45	2.45	2.32	2.18	2.41	1.99	1.93	1.80	1.86	2.15	2.21	1.90	1.49	1.72	1.49	2.17	2.22	2.70	2.53	2.08	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	-3.76	-34.89	-4.35	-0.95	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	-4.63	0.00	0.00	0.00
AIR_PRODUCTS___DRP	36.65	39.43	42.68	37.47	37.05	37.27	34.29	15.81	35.88	38.32	38.16	42.35	53.35	56.57	49.93	38.26	49.13	37.70	56.98	50.51	51.60	48.55	35.98	35.01
24190	0.51	0.71	0.94	0.83	0.86	0.78	0.66	0.82	0.38	0.45	0.39	0.41	0.47	0.59	0.41	0.36	0.18	0.24	0.16	0.26	0.43	0.53	0.57	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	2.31	21.39	2.67	0.58	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	2.84	0.00	0.00	0.00
AKWESSNE_115KV_BK	35.91	38.36	41.23	36.23	35.73	36.10	35.59	35.99	37.95	38.25	37.53	41.64	52.50	55.58	49.23	37.69	48.82	37.35	56.88	50.12	53.74	47.64	35.08	34.07
355683	-0.23	-0.36	-0.50	-0.40	-0.46	-0.38	-0.35	-0.39	-0.23	-0.20	-0.24	-0.30	-0.38	-0.40	-0.29	-0.20	-0.09	-0.10	0.05	-0.13	-0.26	-0.39	-0.34	-0.29
	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	36.65	39.43	42.68	37.47	37.05	37.27	34.29	15.81	35.88	38.32	38.16	42.35	53.35	56.57	49.93	38.26	49.13	37.70	56.98	50.51	51.60	48.55	35.98	35.01
23571	0.51	0.71	0.94	0.83	0.86	0.78	0.66	0.82	0.38	0.45	0.39	0.41	0.47	0.59	0.41	0.36	0.18	0.24	0.16	0.26	0.43	0.53	0.57	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	2.31	21.39	2.67	0.58	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	2.84	0.00	0.00	0.00
ALBANY___2	36.65	39.43	42.68	37.47	37.05	37.27	34.29	15.81	35.88	38.32	38.16	42.35	53.35	56.57	49.93	38.26	49.13	37.70	56.98	50.51	51.60	48.55	35.98	35.01
23572	0.51	0.71	0.94	0.83	0.86	0.78	0.66	0.82	0.38	0.45	0.39	0.41	0.47	0.59	0.41	0.36	0.18	0.24	0.16	0.26	0.43	0.53	0.57	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	2.31	21.39	2.67	0.58	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	2.84	0.00	0.00	0.00
ALBANY___3	36.65	39.43	42.68	37.47	37.05	37.27	34.29	15.81	35.88	38.32	38.16	42.35	53.35	56.57	49.93	38.26	49.13	37.70	56.98	50.51	51.60	48.55	35.98	35.01
23573	0.51	0.71	0.94	0.83	0.86	0.78	0.66	0.82	0.38	0.45	0.39	0.41	0.47	0.59	0.41	0.36	0.18	0.24	0.16	0.26	0.43	0.53	0.57	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	2.31	21.39	2.67	0.58	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	2.84	0.00	0.00	0.00

ALBANY___4 23574	36.65 0.51 0.00	39.43 0.71 0.00	42.68 0.94 0.00	37.47 0.83 0.00	37.05 0.86 0.00	37.27 0.78 0.00	34.29 0.66 2.31	15.81 0.82 21.39	35.88 0.38 2.67	38.32 0.45 0.58	38.16 0.39 0.00	42.35 0.41 0.00	53.35 0.47 0.00	56.57 0.59 0.00	49.93 0.41 0.00	38.26 0.36 0.00	49.13 0.18 -0.05	37.70 0.24 0.00	56.98 0.16 0.00	50.51 0.26 0.00	51.60 0.43 2.84	48.55 0.53 0.00	35.98 0.57 0.00	35.01 0.65 0.00
ALBANY___LFGE 323615	37.13 0.99 0.00	39.93 1.21 0.00	43.20 1.47 0.00	37.92 1.29 0.00	37.50 1.31 0.00	37.71 1.23 0.00	34.88 1.11 2.17	17.52 1.28 20.15	36.57 0.91 2.51	38.91 1.00 0.55	38.74 0.96 0.00	43.01 1.08 0.00	54.22 1.34 0.00	57.50 1.51 0.00	50.72 1.20 0.00	38.83 0.93 0.00	49.90 0.94 -0.05	38.23 0.78 0.00	57.79 0.96 0.00	51.19 0.94 0.00	52.50 1.17 2.67	49.18 1.15 0.00	36.43 1.01 0.00	35.41 1.06 0.00
ALCOA_PA_115KV_PL-6C 55860	36.16 0.03 0.00	38.62 -0.10 0.00	41.50 -0.23 0.00	36.47 -0.17 0.00	35.94 -0.24 0.00	36.29 -0.20 0.00	35.76 -0.17 0.00	36.18 -0.20 0.00	38.13 -0.04 0.00	38.42 -0.04 0.00	37.72 -0.05 0.00	41.83 -0.11 0.00	52.72 -0.16 0.00	55.84 -0.14 0.00	49.47 -0.05 0.00	37.88 -0.02 0.00	49.05 0.14 0.00	37.50 0.05 0.00	57.12 0.29 0.00	50.32 0.08 0.00	54.02 0.02 0.00	47.88 -0.14 0.00	35.25 -0.17 0.00	34.20 -0.15 0.00
ALCOA_RYNLDS___DRP 24188	36.16 0.03 0.00	38.62 -0.10 0.00	41.50 -0.23 0.00	36.47 -0.17 0.00	35.94 -0.24 0.00	36.29 -0.20 0.00	35.76 -0.17 0.00	36.18 -0.20 0.00	38.13 -0.04 0.00	38.42 -0.04 0.00	37.72 -0.05 0.00	41.83 -0.11 0.00	52.72 -0.16 0.00	55.84 -0.14 0.00	49.47 -0.05 0.00	37.88 -0.02 0.00	49.05 0.14 0.00	37.50 0.05 0.00	57.12 0.29 0.00	50.32 0.08 0.00	54.02 0.02 0.00	47.88 -0.14 0.00	35.25 -0.17 0.00	34.20 -0.15 0.00
ALCOA___DSASP 323711	36.16 0.03 0.00	38.62 -0.10 0.00	41.51 -0.23 0.00	36.47 -0.16 0.00	35.94 -0.24 0.00	36.29 -0.20 0.00	35.77 -0.17 0.00	36.18 -0.20 0.00	38.13 -0.04 0.00	38.42 -0.04 0.00	37.72 -0.05 0.00	41.84 -0.10 0.00	52.72 -0.15 0.00	55.84 -0.14 0.00	49.47 -0.05 0.00	37.88 -0.02 0.00	49.05 0.14 0.00	37.50 0.05 0.00	57.12 0.30 0.00	50.32 0.08 0.00	54.02 0.02 0.00	47.88 -0.14 0.00	35.25 -0.17 0.00	34.20 -0.15 0.00
ALLEGHENY___COGEN 23514	37.68 1.55 0.00	40.08 1.36 0.00	42.76 1.03 0.00	37.40 0.76 0.00	36.96 0.77 0.00	37.45 0.96 0.00	37.09 1.15 0.00	37.41 1.03 0.00	39.36 1.18 0.00	39.36 0.91 0.00	38.15 0.38 0.00	42.13 0.20 0.00	52.87 -0.01 0.00	55.32 -0.66 0.00	48.95 -0.57 0.00	37.40 -0.50 0.00	48.69 -0.22 0.00	37.41 -0.04 0.00	57.23 0.40 0.00	51.12 0.87 0.00	56.01 2.01 0.00	50.49 2.46 0.00	36.97 1.56 0.00	35.41 1.06 0.00
ALTAMONT_115KV_TB 2 55880	37.15 1.01 0.00	39.92 1.21 0.00	43.22 1.49 0.00	37.94 1.31 0.00	37.52 1.33 0.00	37.74 1.25 0.00	35.95 1.11 1.10	27.42 1.22 10.18	37.86 0.95 1.27	39.15 0.97 0.28	38.72 0.95 0.00	42.97 1.03 0.00	54.15 1.27 0.00	57.38 1.39 0.00	50.71 1.19 0.00	38.85 0.96 0.00	49.94 0.99 -0.04	38.26 0.81 0.00	57.87 1.05 0.00	51.27 1.02 0.00	53.92 1.27 1.35	49.26 1.24 0.00	36.48 1.06 0.00	35.49 1.13 0.00
ALTONA_WT_PWR 323606	36.60 0.46 0.00	39.12 0.40 0.00	41.89 0.16 0.00	36.89 0.25 0.00	36.34 0.15 0.00	36.78 0.29 0.00	36.36 0.42 0.00	36.97 0.59 0.00	38.88 0.71 0.00	39.19 0.74 0.00	38.56 0.79 0.00	42.77 0.83 0.00	53.94 1.06 0.00	56.74 0.76 0.00	50.34 0.82 0.00	38.77 0.87 0.00	50.14 1.23 0.00	38.45 1.00 0.00	58.47 1.65 0.00	51.49 1.25 0.00	55.28 1.28 0.00	49.03 1.00 0.00	36.08 0.66 0.00	34.98 0.63 0.00
AMERICAN_REF_FUEL 24010	35.85 -0.29 0.00	38.28 -0.44 0.00	40.75 -0.98 0.00	35.59 -1.05 0.00	35.11 -1.08 0.00	35.54 -0.94 0.00	35.20 -0.73 0.00	35.09 -1.29 0.00	36.95 -1.23 0.00	36.95 -1.50 0.00	36.34 -1.43 0.00	40.34 -1.60 0.00	50.78 -2.10 0.00	53.57 -2.41 0.00	47.15 -2.36 0.00	35.87 -2.03 0.00	46.99 -1.92 0.00	35.74 -1.71 0.00	54.69 -2.14 0.00	48.31 -1.94 0.00	52.45 -1.55 0.00	47.52 -0.50 0.00	34.92 -0.49 0.00	33.49 -0.86 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.64 1.50 0.00	40.04 1.32 0.00	42.69 0.96 0.00	37.30 0.67 0.00	36.79 0.60 0.00	37.44 0.96 0.00	37.19 1.25 0.00	37.40 1.02 0.00	39.59 1.41 0.00	39.58 1.13 0.00	39.01 1.24 0.00	43.33 1.39 0.00	54.61 1.73 0.00	57.68 1.70 0.00	50.97 1.45 0.00	38.54 0.64 0.00	50.39 1.48 0.00	38.23 0.78 0.00	58.47 1.64 0.00	51.66 1.42 0.00	55.96 1.95 0.00	50.30 2.28 0.00	36.74 1.33 0.00	35.15 0.80 0.00
ARTHUR_KILL_GT_1 23520	37.84 1.70 0.00	40.90 2.19 0.00	43.59 1.86 0.00	38.52 1.88 0.00	38.23 2.04 0.00	38.43 1.95 0.00	38.07 2.13 0.00	38.61 2.22 0.00	40.03 1.85 0.00	40.26 1.81 0.00	39.69 1.92 0.00	44.27 2.34 0.00	55.88 2.99 0.00	59.32 3.33 0.00	145.43 3.15 -92.76	40.35 2.44 -0.01	51.91 2.83 -0.17	39.52 2.07 0.00	90.04 2.56 -30.65	228.13 2.31 -175.58	68.76 2.47 -12.29	65.44 2.03 -15.39	101.69 1.75 -64.53	36.33 1.97 -0.01
ARTHUR_KILL_2 23512	37.69 1.55 0.00	40.75 2.03 0.00	43.43 1.69 0.00	38.38 1.74 0.00	38.09 1.91 0.00	38.30 1.81 0.00	37.92 1.99 0.00	38.45 2.07 0.00	39.86 1.69 0.00	40.11 1.66 0.00	39.54 1.77 0.00	44.09 2.15 0.00	55.62 2.73 0.00	59.05 3.06 0.00	145.20 2.92 -92.76	40.17 2.26 -0.01	51.65 2.57 -0.17	39.34 1.89 0.00	89.77 2.29 -30.65	227.88 2.06 -175.58	68.50 2.21 -12.29	65.21 1.79 -15.39	101.53 1.59 -64.53	36.19 1.83 -0.01
ARTHUR_KILL_3 23513	37.50 1.36 0.00	35.96 1.67 4.43	39.80 1.57 3.51	38.08 1.45 0.01	37.79 1.61 0.01	37.99 1.51 0.01	37.63 1.69 0.00	37.83 1.88 0.44	38.56 1.54 1.16	37.70 1.58 2.33	36.10 1.72 3.39	39.40 2.04 4.58	54.91 2.62 0.58	57.68 2.92 1.23	52.34 2.83 0.00	39.51 2.27 0.65	47.73 2.52 3.70	39.05 1.83 0.23	58.70 2.29 0.41	52.34 2.10 0.00	56.28 2.27 0.00	49.89 1.86 0.00	37.07 1.65 0.00	36.18 1.83 0.00
ARTHUR_KILL_COGEN 323718	37.84 1.70 0.00	40.90 2.19 0.00	43.59 1.86 0.00	38.52 1.88 0.00	38.23 2.04 0.00	38.43 1.95 0.00	38.07 2.13 0.00	38.61 2.22 0.00	40.03 1.85 0.00	40.26 1.81 0.00	39.69 1.92 0.00	44.27 2.34 0.00	55.88 2.99 0.00	59.32 3.33 0.00	145.43 3.15 -92.76	40.35 2.44 -0.01	51.91 2.83 -0.17	39.52 2.07 0.00	90.04 2.56 -30.65	228.13 2.31 -175.58	68.76 2.47 -12.29	65.44 2.03 -15.39	101.69 1.75 -64.53	36.33 1.97 -0.01
ASHOKAN____ 23654	37.48 1.35 0.00	40.22 1.50 0.00	43.49 1.76 0.00	38.16 1.53 0.00	37.72 1.53 0.00	37.93 1.45 0.00	36.41 1.48 1.01	28.87 1.88 9.39	38.46 1.46 1.17	39.47 1.28 0.25	39.20 1.43 0.00	43.59 1.66 0.00	55.03 2.15 0.00	59.12 3.14 0.00	52.19 2.67 0.00	40.21 2.31 0.00	51.40 2.47 -0.02	38.97 1.52 0.00	59.09 2.27 0.00	52.40 2.15 0.00	55.23 2.47 1.24	49.99 1.97 0.00	37.09 1.67 0.00	35.99 1.64 0.00

Astoria_East_Energy_CC1 323581	37.77 1.64 0.00	40.71 1.99 0.00	43.52 1.79 0.00	38.31 1.67 0.00	38.04 1.85 0.00	38.24 1.75 0.00	37.85 1.92 0.00	38.43 2.06 0.00	39.87 1.70 0.00	40.15 1.70 0.00	39.63 1.86 0.00	44.24 2.30 0.00	55.74 2.86 0.00	59.16 3.18 0.00	52.55 3.03 0.00	40.31 2.41 0.00	51.84 2.77 -0.16	39.45 2.00 0.00	59.30 2.47 0.00	52.52 2.28 0.00	56.48 2.47 0.00	50.07 2.05 0.00	37.21 1.79 0.00	36.36 2.01 0.00
Astoria_East_Energy_CC2 323582	37.77 1.64 0.00	40.71 1.99 0.00	43.52 1.79 0.00	38.31 1.67 0.00	38.04 1.85 0.00	38.24 1.75 0.00	37.85 1.92 0.00	38.43 2.06 0.00	39.87 1.70 0.00	40.15 1.70 0.00	39.63 1.86 0.00	44.24 2.30 0.00	55.74 2.86 0.00	59.16 3.18 0.00	52.55 3.03 0.00	40.31 2.41 0.00	51.84 2.77 -0.16	39.45 2.00 0.00	59.30 2.47 0.00	52.52 2.28 0.00	56.48 2.47 0.00	50.07 2.05 0.00	37.21 1.79 0.00	36.36 2.01 0.00
Astoria_GT2_1 24094	37.78 1.65 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.33 1.69 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.89 1.95 0.00	38.46 2.08 0.00	39.89 1.71 0.00	40.17 1.72 0.00	39.66 1.89 0.00	44.26 2.32 0.00	55.77 2.89 0.00	59.19 3.21 0.00	52.57 3.05 0.00	40.32 2.43 0.00	51.87 2.80 -0.16	39.47 2.01 0.00	59.31 2.48 0.00	52.55 2.30 0.00	56.52 2.51 0.00	50.09 2.07 0.00	37.24 1.82 0.00	36.39 2.04 0.00
Astoria_GT2_2 24095	37.78 1.65 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.33 1.69 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.89 1.95 0.00	38.46 2.08 0.00	39.89 1.71 0.00	40.17 1.72 0.00	39.66 1.89 0.00	44.26 2.32 0.00	55.77 2.89 0.00	59.19 3.21 0.00	52.57 3.05 0.00	40.32 2.43 0.00	51.87 2.80 -0.16	39.47 2.01 0.00	59.31 2.48 0.00	52.55 2.30 0.00	56.52 2.51 0.00	50.09 2.07 0.00	37.24 1.82 0.00	36.39 2.04 0.00
Astoria_GT2_3 24096	37.78 1.65 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.33 1.69 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.89 1.95 0.00	38.46 2.08 0.00	39.89 1.71 0.00	40.17 1.72 0.00	39.66 1.89 0.00	44.26 2.32 0.00	55.77 2.89 0.00	59.19 3.21 0.00	52.57 3.05 0.00	40.32 2.43 0.00	51.87 2.80 -0.16	39.47 2.01 0.00	59.31 2.48 0.00	52.55 2.30 0.00	56.52 2.51 0.00	50.09 2.07 0.00	37.24 1.82 0.00	36.39 2.04 0.00
Astoria_GT2_4 24097	37.78 1.65 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.33 1.69 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.89 1.95 0.00	38.46 2.08 0.00	39.89 1.71 0.00	40.17 1.72 0.00	39.66 1.89 0.00	44.26 2.32 0.00	55.77 2.89 0.00	59.19 3.21 0.00	52.57 3.05 0.00	40.32 2.43 0.00	51.87 2.80 -0.16	39.47 2.01 0.00	59.31 2.48 0.00	52.55 2.30 0.00	56.52 2.51 0.00	50.09 2.07 0.00	37.24 1.82 0.00	36.39 2.04 0.00
Astoria_GT3_1 24098	37.78 1.65 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.33 1.69 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.89 1.95 0.00	38.46 2.08 0.00	39.89 1.71 0.00	40.17 1.72 0.00	39.66 1.89 0.00	44.26 2.32 0.00	55.77 2.89 0.00	59.19 3.21 0.00	52.57 3.05 0.00	40.32 2.43 0.00	51.87 2.80 -0.16	39.47 2.01 0.00	59.31 2.48 0.00	52.55 2.30 0.00	56.52 2.51 0.00	50.09 2.07 0.00	37.24 1.82 0.00	36.39 2.04 0.00
Astoria_GT3_2 24099	37.78 1.65 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.33 1.69 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.89 1.95 0.00	38.46 2.08 0.00	39.89 1.71 0.00	40.17 1.72 0.00	39.66 1.89 0.00	44.26 2.32 0.00	55.77 2.89 0.00	59.19 3.21 0.00	52.57 3.05 0.00	40.32 2.43 0.00	51.87 2.80 -0.16	39.47 2.01 0.00	59.31 2.48 0.00	52.55 2.30 0.00	56.52 2.51 0.00	50.09 2.07 0.00	37.24 1.82 0.00	36.39 2.04 0.00
Astoria_GT3_3 24100	37.78 1.65 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.33 1.69 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.89 1.95 0.00	38.46 2.08 0.00	39.89 1.71 0.00	40.17 1.72 0.00	39.66 1.89 0.00	44.26 2.32 0.00	55.77 2.89 0.00	59.19 3.21 0.00	52.57 3.05 0.00	40.32 2.43 0.00	51.87 2.80 -0.16	39.47 2.01 0.00	59.31 2.48 0.00	52.55 2.30 0.00	56.52 2.51 0.00	50.09 2.07 0.00	37.24 1.82 0.00	36.39 2.04 0.00
Astoria_GT3_4 24101	37.78 1.65 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.33 1.69 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.89 1.95 0.00	38.46 2.08 0.00	39.89 1.71 0.00	40.17 1.72 0.00	39.66 1.89 0.00	44.26 2.32 0.00	55.77 2.89 0.00	59.19 3.21 0.00	52.57 3.05 0.00	40.32 2.43 0.00	51.87 2.80 -0.16	39.47 2.01 0.00	59.31 2.48 0.00	52.55 2.30 0.00	56.52 2.51 0.00	50.09 2.07 0.00	37.24 1.82 0.00	36.39 2.04 0.00
Astoria_GT4_1 24102	37.78 1.65 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.33 1.69 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.89 1.95 0.00	38.46 2.08 0.00	39.89 1.71 0.00	40.17 1.72 0.00	39.66 1.89 0.00	44.26 2.32 0.00	55.77 2.89 0.00	59.19 3.21 0.00	52.57 3.05 0.00	40.32 2.43 0.00	51.87 2.80 -0.16	39.47 2.01 0.00	59.31 2.48 0.00	52.55 2.30 0.00	56.52 2.51 0.00	50.09 2.07 0.00	37.24 1.82 0.00	36.39 2.04 0.00
Astoria_GT4_2 24103	37.78 1.65 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.33 1.69 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.89 1.95 0.00	38.46 2.08 0.00	39.89 1.71 0.00	40.17 1.72 0.00	39.66 1.89 0.00	44.26 2.32 0.00	55.77 2.89 0.00	59.19 3.21 0.00	52.57 3.05 0.00	40.32 2.43 0.00	51.87 2.80 -0.16	39.47 2.01 0.00	59.31 2.48 0.00	52.55 2.30 0.00	56.52 2.51 0.00	50.09 2.07 0.00	37.24 1.82 0.00	36.39 2.04 0.00
Astoria_GT4_3 24104	37.78 1.65 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.33 1.69 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.89 1.95 0.00	38.46 2.08 0.00	39.89 1.71 0.00	40.17 1.72 0.00	39.66 1.89 0.00	44.26 2.32 0.00	55.77 2.89 0.00	59.19 3.21 0.00	52.57 3.05 0.00	40.32 2.43 0.00	51.87 2.80 -0.16	39.47 2.01 0.00	59.31 2.48 0.00	52.55 2.30 0.00	56.52 2.51 0.00	50.09 2.07 0.00	37.24 1.82 0.00	36.39 2.04 0.00
Astoria_GT4_4 24105	37.78 1.65 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.33 1.69 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.89 1.95 0.00	38.46 2.08 0.00	39.89 1.71 0.00	40.17 1.72 0.00	39.66 1.89 0.00	44.26 2.32 0.00	55.77 2.89 0.00	59.19 3.21 0.00	52.57 3.05 0.00	40.32 2.43 0.00	51.87 2.80 -0.16	39.47 2.01 0.00	59.31 2.48 0.00	52.55 2.30 0.00	56.52 2.51 0.00	50.09 2.07 0.00	37.24 1.82 0.00	36.39 2.04 0.00
Astoria_GT_1 23523	37.88 1.74 0.00	40.82 2.11 0.00	43.64 1.91 0.00	38.41 1.78 0.00	38.13 1.95 0.00	38.34 1.85 0.00	37.96 2.02 0.00	38.55 2.17 0.00	40.00 1.82 0.00	40.28 1.83 0.00	39.76 1.99 0.00	44.39 2.45 0.00	55.92 3.04 0.00	59.36 3.38 0.00	52.72 3.21 0.00	40.44 2.54 0.00	52.02 2.94 -0.16	39.58 2.13 0.00	59.48 2.66 0.00	52.68 2.44 0.00	56.66 2.65 0.00	50.23 2.21 0.00	37.32 1.91 0.00	36.47 2.12 0.00

ASTORIA_GT_10 24110	37.67 1.53 0.00	40.66 1.94 0.00	43.53 1.80 0.00	38.32 1.69 0.00	38.02 1.83 0.00	38.23 1.74 0.00	37.86 1.93 0.00	38.47 2.09 0.00	39.89 1.71 0.00	40.12 1.67 0.00	39.59 1.82 0.00	44.12 2.18 0.00	55.65 2.77 0.00	59.05 3.06 0.00	52.42 2.90 0.00	40.19 2.29 0.00	51.66 2.59 -0.16	39.34 1.89 0.00	58.30 2.28 0.80	45.63 2.10 6.72	49.64 2.28 6.64	41.58 1.87 8.32	33.73 1.65 3.35	36.24 1.89 0.00
ASTORIA_GT_11 24225	37.67 1.53 0.00	40.66 1.94 0.00	43.53 1.80 0.00	38.32 1.69 0.00	38.02 1.83 0.00	38.23 1.74 0.00	37.86 1.93 0.00	38.47 2.09 0.00	39.89 1.71 0.00	40.12 1.67 0.00	39.59 1.82 0.00	44.12 2.18 0.00	55.65 2.77 0.00	59.05 3.06 0.00	52.42 2.90 0.00	40.19 2.29 0.00	51.66 2.59 -0.16	39.34 1.89 0.00	58.30 2.28 0.80	45.63 2.10 6.72	49.64 2.28 6.64	41.58 1.87 8.32	33.73 1.65 3.35	36.24 1.89 0.00
ASTORIA_GT_12 24226	37.67 1.53 0.00	40.66 1.94 0.00	43.53 1.79 0.00	38.32 1.69 0.00	38.02 1.83 0.00	38.23 1.74 0.00	37.86 1.92 0.00	38.47 2.08 0.00	39.90 1.72 0.00	40.13 1.68 0.00	39.59 1.82 0.00	44.12 2.18 0.00	55.65 2.77 0.00	59.05 3.07 0.00	52.42 2.90 0.00	40.19 2.29 0.00	51.66 2.58 -0.16	39.35 1.90 0.00	58.30 2.28 0.80	45.63 2.10 6.72	49.64 2.28 6.64	41.58 1.87 8.32	33.73 1.66 3.35	36.24 1.89 0.00
ASTORIA_GT_13 24227	37.67 1.53 0.00	40.66 1.94 0.00	43.53 1.79 0.00	38.32 1.69 0.00	38.02 1.83 0.00	38.23 1.74 0.00	37.86 1.92 0.00	38.47 2.08 0.00	39.90 1.72 0.00	40.13 1.68 0.00	39.59 1.82 0.00	44.12 2.18 0.00	55.65 2.77 0.00	59.05 3.07 0.00	52.42 2.90 0.00	40.19 2.29 0.00	51.66 2.58 -0.16	39.35 1.90 0.00	58.30 2.28 0.80	45.63 2.10 6.72	49.64 2.28 6.64	41.58 1.87 8.32	33.73 1.66 3.35	36.24 1.89 0.00
ASTORIA_GT_5 24106	37.88 1.74 0.00	40.82 2.11 0.00	43.64 1.91 0.00	38.41 1.78 0.00	38.13 1.95 0.00	38.34 1.85 0.00	37.96 2.02 0.00	38.55 2.17 0.00	40.00 1.82 0.00	40.28 1.83 0.00	39.76 1.99 0.00	44.39 2.45 0.00	55.92 3.04 0.00	59.36 3.38 0.00	52.72 3.21 0.00	40.44 2.54 0.00	52.02 2.94 -0.16	39.58 2.13 0.00	59.48 2.66 0.00	52.68 2.44 0.00	56.66 2.65 0.00	50.23 2.21 0.00	37.32 1.91 0.00	36.47 2.12 0.00
ASTORIA_GT_7 24107	37.88 1.74 0.00	40.82 2.11 0.00	43.64 1.91 0.00	38.41 1.78 0.00	38.13 1.95 0.00	38.34 1.85 0.00	37.96 2.02 0.00	38.55 2.17 0.00	40.00 1.82 0.00	40.28 1.83 0.00	39.76 1.99 0.00	44.39 2.45 0.00	55.92 3.04 0.00	59.36 3.38 0.00	52.72 3.21 0.00	40.44 2.54 0.00	52.02 2.94 -0.16	39.58 2.13 0.00	59.48 2.66 0.00	52.68 2.44 0.00	56.66 2.65 0.00	50.23 2.21 0.00	37.32 1.91 0.00	36.47 2.12 0.00
ASTORIA_GT_8 24108	37.88 1.74 0.00	40.83 2.11 0.00	43.64 1.91 0.00	38.41 1.78 0.00	38.14 1.95 0.00	38.34 1.85 0.00	37.97 2.03 0.00	38.55 2.17 0.00	39.99 1.82 0.00	40.28 1.82 0.00	39.76 1.99 0.00	44.38 2.45 0.00	55.92 3.04 0.00	59.36 3.38 0.00	52.72 3.21 0.00	40.44 2.54 0.00	52.02 2.94 -0.16	39.58 2.13 0.00	59.48 2.66 0.00	52.69 2.44 0.00	56.66 2.66 0.00	50.23 2.21 0.00	37.32 1.91 0.00	36.47 2.12 0.00
ASTORIA___2 24149	37.79 1.65 0.00	40.73 2.01 0.00	43.55 1.82 0.00	38.33 1.69 0.00	38.06 1.87 0.00	38.26 1.77 0.00	37.88 1.94 0.00	38.46 2.08 0.00	39.89 1.71 0.00	40.18 1.73 0.00	39.66 1.89 0.00	44.26 2.32 0.00	55.77 2.89 0.00	59.19 3.21 0.00	52.57 3.06 0.00	40.32 2.42 0.00	51.87 2.79 -0.16	39.47 2.02 0.00	59.31 2.49 0.00	52.54 2.30 0.00	56.51 2.51 0.00	50.09 2.07 0.00	37.23 1.82 0.00	36.39 2.04 0.00
ASTORIA___3 23516	37.67 1.53 0.00	40.66 1.94 0.00	43.53 1.79 0.00	38.32 1.69 0.00	38.02 1.83 0.00	38.23 1.74 0.00	37.86 1.92 0.00	38.47 2.08 0.00	39.90 1.72 0.00	40.13 1.68 0.00	39.59 1.82 0.00	44.12 2.18 0.00	55.65 2.77 0.00	59.05 3.07 0.00	52.42 2.90 0.00	40.19 2.29 0.00	51.66 2.58 -0.16	39.34 1.89 0.00	58.30 2.28 0.80	45.63 2.10 6.72	49.64 2.28 6.64	41.58 1.87 8.32	33.73 1.66 3.35	36.24 1.89 0.00
ASTORIA___4 23517	37.67 1.53 0.00	40.66 1.94 0.00	43.53 1.80 0.00	38.32 1.69 0.00	38.02 1.83 0.00	38.23 1.74 0.00	37.86 1.93 0.00	38.47 2.09 0.00	39.89 1.71 0.00	40.12 1.67 0.00	39.59 1.82 0.00	44.12 2.18 0.00	55.65 2.77 0.00	59.05 3.06 0.00	52.41 2.90 0.00	40.19 2.29 0.00	51.66 2.58 -0.16	39.34 1.89 0.00	58.30 2.28 0.80	45.63 2.10 6.72	49.64 2.28 6.64	41.58 1.87 8.32	33.72 1.65 3.35	36.24 1.89 0.00
ASTORIA___5 23518	37.67 1.53 0.00	40.66 1.94 0.00	43.53 1.79 0.00	38.32 1.69 0.00	38.02 1.83 0.00	38.23 1.74 0.00	37.86 1.92 0.00	38.47 2.08 0.00	39.90 1.72 0.00	40.13 1.68 0.00	39.59 1.82 0.00	44.12 2.18 0.00	55.65 2.77 0.00	59.05 3.07 0.00	52.42 2.90 0.00	40.19 2.29 0.00	51.66 2.58 -0.16	39.34 1.89 0.00	58.30 2.28 0.80	45.63 2.10 6.72	49.64 2.28 6.64	41.58 1.87 8.32	33.72 1.65 3.35	36.24 1.89 0.00
AST_ENERGY_2_CC3 323677	37.66 1.53 0.00	40.59 1.87 0.00	43.52 1.79 0.00	38.28 1.65 0.00	37.96 1.77 0.00	38.16 1.67 0.00	37.79 1.85 0.00	38.45 2.07 0.00	39.92 1.75 0.00	40.22 1.77 0.00	39.65 1.88 0.00	44.16 2.23 0.00	55.75 2.87 0.00	59.15 3.17 0.00	52.54 3.02 0.00	40.31 2.41 0.00	51.81 2.73 -0.16	39.45 1.99 0.00	59.30 2.47 0.00	52.50 2.25 0.00	56.44 2.44 0.00	50.06 2.04 0.00	37.19 1.78 0.00	36.30 1.95 0.00
AST_ENERGY_2_CC4 323678	37.66 1.53 0.00	40.59 1.87 0.00	43.52 1.79 0.00	38.28 1.65 0.00	37.96 1.77 0.00	38.16 1.67 0.00	37.79 1.85 0.00	38.45 2.07 0.00	39.92 1.75 0.00	40.22 1.77 0.00	39.65 1.88 0.00	44.16 2.23 0.00	55.75 2.87 0.00	59.15 3.17 0.00	52.54 3.02 0.00	40.31 2.41 0.00	51.81 2.73 -0.16	39.45 1.99 0.00	59.30 2.47 0.00	52.50 2.25 0.00	56.44 2.44 0.00	50.06 2.04 0.00	37.19 1.78 0.00	36.30 1.95 0.00
ATHENS_STG_1 23668	37.21 1.07 0.00	40.02 1.30 0.00	43.30 1.57 0.00	38.02 1.38 0.00	37.61 1.42 0.00	37.82 1.34 0.00	37.14 1.20 0.00	37.72 1.34 0.00	39.28 1.11 0.00	39.59 1.14 0.00	38.86 1.09 0.00	43.13 1.20 0.00	54.32 1.44 0.00	57.51 1.53 0.00	50.88 1.36 0.00	39.02 1.12 0.00	50.14 1.18 -0.05	38.40 0.95 0.00	57.97 1.14 0.00	51.37 1.12 0.00	55.33 1.32 0.00	49.29 1.27 0.00	36.55 1.13 0.00	35.59 1.24 0.00
ATHENS_STG_2 23670	37.21 1.07 0.00	40.02 1.30 0.00	43.30 1.57 0.00	38.02 1.38 0.00	37.61 1.42 0.00	37.82 1.34 0.00	37.14 1.20 0.00	37.72 1.34 0.00	39.28 1.11 0.00	39.59 1.14 0.00	38.86 1.09 0.00	43.13 1.20 0.00	54.32 1.44 0.00	57.51 1.53 0.00	50.88 1.36 0.00	39.02 1.12 0.00	50.14 1.18 -0.05	38.40 0.95 0.00	57.97 1.14 0.00	51.37 1.12 0.00	55.33 1.32 0.00	49.29 1.27 0.00	36.55 1.13 0.00	35.59 1.24 0.00

ATHENS_STG_3 23677	37.21 1.07 0.00	40.02 1.30 0.00	43.30 1.57 0.00	38.02 1.38 0.00	37.61 1.42 0.00	37.82 1.34 0.00	37.14 1.20 0.00	37.72 1.34 0.00	39.28 1.11 0.00	39.59 1.14 0.00	38.86 1.09 0.00	43.13 1.20 0.00	54.32 1.44 0.00	57.51 1.53 0.00	50.88 1.36 0.00	39.02 1.12 0.00	50.14 1.18 -0.05	38.40 0.95 0.00	57.97 1.14 0.00	51.37 1.12 0.00	55.33 1.32 0.00	49.29 1.27 0.00	36.55 1.13 0.00	35.59 1.24 0.00
AUBURN____LFGE 323710	36.94 0.81 0.00	39.52 0.81 0.00	42.55 0.81 0.00	37.25 0.61 0.00	36.79 0.60 0.00	37.23 0.75 0.00	36.76 0.83 0.00	37.26 0.88 0.00	39.19 1.01 0.00	39.52 1.06 0.00	38.55 0.78 0.00	42.96 1.02 0.00	54.27 1.39 0.00	57.18 1.19 0.00	50.65 1.13 0.00	38.61 0.71 0.00	49.74 0.83 0.00	38.20 0.74 0.00	58.32 1.49 0.00	51.40 1.15 0.00	55.46 1.45 0.00	49.37 1.34 0.00	36.18 0.76 0.00	34.96 0.61 0.00
BABYLON_RES_REC 323704	38.68 2.55 0.00	41.59 2.87 0.00	44.80 3.07 0.00	39.46 2.82 0.00	39.02 2.84 0.00	39.13 2.65 0.00	38.79 2.85 0.00	39.60 3.22 0.00	41.11 2.93 0.00	44.10 3.08 -2.57	67.17 2.98 -26.41	77.36 3.20 -32.22	83.03 3.92 -26.23	61.90 3.89 -2.02	55.18 3.70 -1.96	43.02 2.85 -2.27	54.03 3.24 -1.87	41.82 2.45 -1.92	60.80 2.79 -1.19	54.78 3.09 -1.44	64.14 3.99 -6.15	51.84 3.69 -0.13	38.49 3.05 -0.02	37.57 3.20 -0.02
BABYLON__69_KV_BK2 356345	39.17 3.04 0.00	42.08 3.36 0.00	45.36 3.62 0.00	39.95 3.31 0.00	39.50 3.31 0.00	39.60 3.12 0.00	39.27 3.34 0.00	40.13 3.75 0.00	41.68 3.50 0.00	44.70 3.68 -2.57	68.04 3.85 -26.41	90.58 4.32 -44.32	102.36 5.38 -44.09	63.36 5.35 -2.02	61.75 5.01 -7.22	47.67 3.94 -5.84	60.06 4.66 -6.48	47.93 3.38 -7.10	65.06 4.17 -4.07	59.29 4.20 -4.83	78.69 5.21 -19.47	52.95 4.50 -0.42	39.13 3.65 -0.07	38.17 3.75 -0.07
BARON_WINDS____WT_PWR 323822	36.76 0.62 0.00	39.27 0.55 0.00	42.01 0.27 0.00	36.79 0.15 0.00	36.34 0.15 0.00	36.82 0.34 0.00	36.42 0.48 0.00	36.70 0.32 0.00	38.72 0.55 0.00	38.80 0.35 0.00	38.17 0.40 0.00	42.32 0.39 0.00	53.41 0.53 0.00	56.14 0.15 0.00	49.67 0.14 0.00	37.77 -0.13 0.00	49.10 0.19 0.00	37.37 -0.08 0.00	57.14 0.32 0.00	50.53 0.28 0.00	54.75 0.75 0.00	49.17 1.15 0.00	36.11 0.69 0.00	34.68 0.32 0.00
BARRETT_IC_1 23704	38.19 2.05 0.00	41.10 2.39 0.00	44.24 2.51 0.00	38.92 2.29 0.00	38.51 2.32 0.00	38.65 2.17 0.00	38.15 2.21 0.00	38.76 2.38 0.00	40.18 2.01 0.00	43.08 2.06 -2.57	66.32 2.14 -26.41	70.07 2.44 -25.69	72.77 3.10 -16.79	61.18 3.18 -2.01	52.66 3.14 0.01	41.15 2.53 -0.72	51.91 2.83 -0.16	39.57 2.12 0.00	59.17 2.35 0.01	52.66 2.41 0.01	56.95 2.94 0.00	50.43 2.41 0.00	37.64 2.22 0.00	36.86 2.51 0.00
BARRETT_IC_10 23701	38.19 2.05 0.00	41.10 2.39 0.00	44.24 2.51 0.00	38.92 2.29 0.00	38.51 2.32 0.00	38.65 2.17 0.00	38.15 2.21 0.00	38.76 2.38 0.00	40.18 2.01 0.00	43.08 2.06 -2.57	66.32 2.14 -26.41	70.07 2.44 -25.69	72.77 3.10 -16.79	61.18 3.18 -2.01	52.66 3.14 0.01	41.15 2.53 -0.72	51.91 2.83 -0.16	39.57 2.12 0.00	59.17 2.35 0.01	52.66 2.41 0.01	56.95 2.94 0.00	50.43 2.41 0.00	37.64 2.22 0.00	36.86 2.51 0.00
BARRETT_IC_11 23702	38.19 2.05 0.00	41.10 2.39 0.00	44.24 2.51 0.00	38.92 2.29 0.00	38.51 2.32 0.00	38.65 2.17 0.00	38.15 2.21 0.00	38.76 2.38 0.00	40.18 2.01 0.00	43.08 2.06 -2.57	66.32 2.14 -26.41	70.07 2.44 -25.69	72.77 3.10 -16.79	61.18 3.18 -2.01	52.66 3.14 0.01	41.15 2.53 -0.72	51.91 2.83 -0.16	39.57 2.12 0.00	59.17 2.35 0.01	52.66 2.41 0.01	56.95 2.94 0.00	50.43 2.41 0.00	37.64 2.22 0.00	36.86 2.51 0.00
BARRETT_IC_12 23703	38.19 2.05 0.00	41.10 2.39 0.00	44.24 2.51 0.00	38.92 2.29 0.00	38.51 2.32 0.00	38.65 2.17 0.00	38.15 2.21 0.00	38.76 2.38 0.00	40.18 2.01 0.00	43.08 2.06 -2.57	66.32 2.14 -26.41	70.07 2.44 -25.69	72.77 3.10 -16.79	61.18 3.18 -2.01	52.66 3.14 0.01	41.15 2.53 -0.72	51.91 2.83 -0.16	39.57 2.12 0.00	59.17 2.35 0.01	52.66 2.41 0.01	56.95 2.94 0.00	50.43 2.41 0.00	37.64 2.22 0.00	36.86 2.51 0.00
BARRETT_IC_2 23705	38.19 2.05 0.00	41.10 2.39 0.00	44.24 2.51 0.00	38.92 2.29 0.00	38.51 2.32 0.00	38.65 2.17 0.00	38.15 2.21 0.00	38.76 2.38 0.00	40.18 2.01 0.00	43.08 2.06 -2.57	66.32 2.14 -26.41	70.07 2.44 -25.69	72.77 3.10 -16.79	61.18 3.18 -2.01	52.66 3.14 0.01	41.15 2.53 -0.72	51.91 2.83 -0.16	39.57 2.12 0.00	59.17 2.35 0.01	52.66 2.41 0.01	56.95 2.94 0.00	50.43 2.41 0.00	37.64 2.22 0.00	36.86 2.51 0.00
BARRETT_IC_3 23706	38.19 2.05 0.00	41.10 2.39 0.00	44.24 2.51 0.00	38.92 2.29 0.00	38.51 2.32 0.00	38.65 2.17 0.00	38.15 2.21 0.00	38.76 2.38 0.00	40.18 2.01 0.00	43.08 2.06 -2.57	66.32 2.14 -26.41	70.07 2.44 -25.69	72.77 3.10 -16.79	61.18 3.18 -2.01	52.66 3.14 0.01	41.15 2.53 -0.72	51.91 2.83 -0.16	39.57 2.12 0.00	59.17 2.35 0.01	52.66 2.41 0.01	56.95 2.94 0.00	50.43 2.41 0.00	37.64 2.22 0.00	36.86 2.51 0.00
BARRETT_IC_4 23707	38.19 2.05 0.00	41.10 2.39 0.00	44.24 2.51 0.00	38.92 2.29 0.00	38.51 2.32 0.00	38.65 2.17 0.00	38.15 2.21 0.00	38.76 2.38 0.00	40.18 2.01 0.00	43.08 2.06 -2.57	66.32 2.14 -26.41	70.07 2.44 -25.69	72.77 3.10 -16.79	61.18 3.18 -2.01	52.66 3.14 0.01	41.15 2.53 -0.72	51.91 2.83 -0.16	39.57 2.12 0.00	59.17 2.35 0.01	52.66 2.41 0.01	56.95 2.94 0.00	50.43 2.41 0.00	37.64 2.22 0.00	36.86 2.51 0.00
BARRETT_IC_5 23708	38.19 2.05 0.00	41.10 2.39 0.00	44.24 2.51 0.00	38.92 2.29 0.00	38.51 2.32 0.00	38.65 2.17 0.00	38.15 2.21 0.00	38.76 2.38 0.00	40.18 2.01 0.00	43.08 2.06 -2.57	66.32 2.14 -26.41	70.07 2.44 -25.69	72.77 3.10 -16.79	61.18 3.18 -2.01	52.66 3.14 0.01	41.15 2.53 -0.72	51.91 2.83 -0.16	39.57 2.12 0.00	59.17 2.35 0.01	52.66 2.41 0.01	56.95 2.94 0.00	50.43 2.41 0.00	37.64 2.22 0.00	36.86 2.51 0.00
BARRETT_IC_6 23709	38.19 2.05 0.00	41.10 2.39 0.00	44.24 2.51 0.00	38.92 2.29 0.00	38.51 2.32 0.00	38.65 2.17 0.00	38.15 2.21 0.00	38.76 2.38 0.00	40.18 2.01 0.00	43.08 2.06 -2.57	66.32 2.14 -26.41	70.07 2.44 -25.69	72.77 3.10 -16.79	61.18 3.18 -2.01	52.66 3.14 0.01	41.15 2.53 -0.72	51.91 2.83 -0.16	39.57 2.12 0.00	59.17 2.35 0.01	52.66 2.41 0.01	56.95 2.94 0.00	50.43 2.41 0.00	37.64 2.22 0.00	36.86 2.51 0.00
BARRETT_IC_7 23710	38.19 2.05 0.00	41.10 2.38 0.00	44.24 2.51 0.00	38.92 2.29 0.00	38.50 2.32 0.00	38.65 2.17 0.00	38.15 2.21 0.00	38.76 2.38 0.00	40.18 2.00 0.00	43.07 2.05 -2.57	66.33 2.15 -26.41	70.08 2.44 -25.70	72.78 3.10 -16.80	61.19 3.18 -2.02	52.66 3.14 0.00	41.15 2.53 -0.72	51.90 2.83 -0.16	39.57 2.12 0.00	59.18 2.35 0.00	52.67 2.42 0.00	56.95 2.94 0.00	50.43 2.41 0.00	37.64 2.22 0.00	36.87 2.51 0.00

BARRETT_IC_8 23711	38.19 2.05 0.00	41.10 2.39 0.00	44.24 2.51 0.00	38.92 2.29 0.00	38.51 2.32 0.00	38.65 2.17 0.00	38.15 2.21 0.00	38.76 2.38 0.00	40.18 2.01 0.00	43.08 2.06 -2.57	66.32 2.14 -26.41	70.07 2.44 -25.69	72.77 3.10 -16.79	61.18 3.18 -2.01	52.66 3.14 0.01	41.15 2.53 -0.72	51.91 2.83 -0.16	39.57 2.12 0.00	59.17 2.35 0.01	52.66 2.41 0.01	56.95 2.94 0.00	50.43 2.41 0.00	37.64 2.22 0.00	36.86 2.51 0.00
BARRETT_IC_9 23700	38.19 2.05 0.00	41.10 2.39 0.00	44.24 2.51 0.00	38.92 2.29 0.00	38.51 2.32 0.00	38.65 2.17 0.00	38.15 2.21 0.00	38.76 2.38 0.00	40.18 2.01 0.00	43.08 2.06 -2.57	66.32 2.14 -26.41	70.07 2.44 -25.69	72.77 3.10 -16.79	61.18 3.18 -2.01	52.66 3.14 0.01	41.15 2.53 -0.72	51.91 2.83 -0.16	39.57 2.12 0.00	59.17 2.35 0.01	52.66 2.41 0.01	56.95 2.94 0.00	50.43 2.41 0.00	37.64 2.22 0.00	36.86 2.51 0.00
BARRETT___1 23545	38.19 2.05 0.00	41.10 2.39 0.00	44.24 2.51 0.00	38.92 2.29 0.00	38.51 2.32 0.00	38.65 2.17 0.00	38.15 2.21 0.00	38.76 2.38 0.00	40.18 2.01 0.00	43.08 2.06 -2.57	66.32 2.14 -26.41	70.07 2.44 -25.69	72.77 3.10 -16.79	61.18 3.18 -2.01	52.66 3.14 0.01	41.15 2.53 -0.72	51.91 2.83 -0.16	39.57 2.12 0.00	59.17 2.35 0.01	52.66 2.41 0.01	56.95 2.94 0.00	50.43 2.41 0.00	37.64 2.22 0.00	36.86 2.51 0.00
BARRETT___2 23546	38.19 2.05 0.00	41.10 2.39 0.00	44.24 2.51 0.00	38.92 2.29 0.00	38.51 2.32 0.00	38.65 2.17 0.00	38.15 2.21 0.00	38.76 2.38 0.00	40.18 2.01 0.00	43.08 2.06 -2.57	66.32 2.14 -26.41	70.07 2.44 -25.69	72.77 3.10 -16.79	61.18 3.18 -2.01	52.66 3.14 0.01	41.15 2.53 -0.72	51.91 2.83 -0.16	39.57 2.12 0.00	59.17 2.35 0.01	52.66 2.41 0.01	56.95 2.94 0.00	50.43 2.41 0.00	37.64 2.22 0.00	36.86 2.51 0.00
BATAVIA___115KV_TB1 55881	37.42 1.28 0.00	39.87 1.16 0.00	42.46 0.73 0.00	37.07 0.43 0.00	36.59 0.40 0.00	37.07 0.58 0.00	36.75 0.82 0.00	36.90 0.52 0.00	39.04 0.87 0.00	39.16 0.71 0.00	38.57 0.80 0.00	42.76 0.82 0.00	53.69 0.81 0.00	56.50 0.52 0.00	49.74 0.22 0.00	37.88 -0.02 0.00	49.47 0.56 0.00	37.61 0.16 0.00	57.67 0.85 0.00	51.05 0.81 0.00	55.30 1.29 0.00	49.87 1.85 0.00	36.57 1.16 0.00	35.05 0.70 0.00
BAYONEEC___CTG1 323682	37.66 1.52 0.00	40.59 1.88 0.00	42.49 1.79 1.04	38.29 1.65 0.00	37.98 1.80 0.00	38.18 1.70 0.00	37.81 1.87 0.00	38.46 2.08 0.00	39.01 1.75 0.91	37.91 1.78 2.33	36.28 1.89 3.39	39.60 2.24 4.58	55.17 2.87 0.58	57.94 3.18 1.23	52.56 3.04 0.00	39.67 2.43 0.65	47.96 2.74 3.70	39.22 2.00 0.23	58.91 2.50 0.41	52.51 2.26 0.00	56.49 2.49 0.00	50.09 2.07 0.00	37.20 1.79 0.00	36.32 1.97 0.00
BAYONEEC___CTG10 323750	37.66 1.52 0.00	40.59 1.88 0.00	42.49 1.79 1.04	38.29 1.65 0.00	37.98 1.80 0.00	38.18 1.70 0.00	37.81 1.87 0.00	38.46 2.08 0.00	39.01 1.75 0.91	37.91 1.78 2.33	36.28 1.89 3.39	39.60 2.24 4.58	55.17 2.87 0.58	57.94 3.18 1.23	52.56 3.04 0.00	39.67 2.43 0.65	47.96 2.74 3.70	39.22 2.00 0.23	58.91 2.50 0.41	52.51 2.26 0.00	56.49 2.49 0.00	50.09 2.07 0.00	37.20 1.79 0.00	36.32 1.97 0.00
BAYONEEC___CTG2 323683	37.66 1.52 0.00	40.59 1.88 0.00	42.49 1.79 1.04	38.29 1.65 0.00	37.98 1.80 0.00	38.18 1.70 0.00	37.81 1.87 0.00	38.46 2.08 0.00	39.01 1.75 0.91	37.91 1.78 2.33	36.28 1.89 3.39	39.60 2.24 4.58	55.17 2.87 0.58	57.94 3.18 1.23	52.56 3.04 0.00	39.67 2.43 0.65	47.96 2.74 3.70	39.22 2.00 0.23	58.91 2.50 0.41	52.51 2.26 0.00	56.49 2.49 0.00	50.09 2.07 0.00	37.20 1.79 0.00	36.32 1.97 0.00
BAYONEEC___CTG3 323684	37.66 1.52 0.00	40.59 1.88 0.00	42.49 1.79 1.04	38.29 1.65 0.00	37.98 1.80 0.00	38.18 1.70 0.00	37.81 1.87 0.00	38.46 2.08 0.00	39.01 1.75 0.91	37.91 1.78 2.33	36.28 1.89 3.39	39.60 2.24 4.58	55.17 2.87 0.58	57.94 3.18 1.23	52.56 3.04 0.00	39.67 2.43 0.65	47.96 2.74 3.70	39.22 2.00 0.23	58.91 2.50 0.41	52.51 2.26 0.00	56.49 2.49 0.00	50.09 2.07 0.00	37.20 1.79 0.00	36.32 1.97 0.00
BAYONEEC___CTG4 323685	37.66 1.52 0.00	40.59 1.88 0.00	42.49 1.79 1.04	38.29 1.65 0.00	37.98 1.80 0.00	38.18 1.70 0.00	37.81 1.87 0.00	38.46 2.08 0.00	39.01 1.75 0.91	37.91 1.78 2.33	36.28 1.89 3.39	39.60 2.24 4.58	55.17 2.87 0.58	57.94 3.18 1.23	52.56 3.04 0.00	39.67 2.43 0.65	47.96 2.74 3.70	39.22 2.00 0.23	58.91 2.50 0.41	52.51 2.26 0.00	56.49 2.49 0.00	50.09 2.07 0.00	37.20 1.79 0.00	36.32 1.97 0.00
BAYONEEC___CTG5 323686	37.66 1.52 0.00	40.59 1.88 0.00	42.49 1.79 1.04	38.29 1.65 0.00	37.98 1.80 0.00	38.18 1.70 0.00	37.81 1.87 0.00	38.46 2.08 0.00	39.01 1.75 0.91	37.91 1.78 2.33	36.28 1.89 3.39	39.60 2.24 4.58	55.17 2.87 0.58	57.94 3.18 1.23	52.56 3.04 0.00	39.67 2.43 0.65	47.96 2.74 3.70	39.22 2.00 0.23	58.91 2.50 0.41	52.51 2.26 0.00	56.49 2.49 0.00	50.09 2.07 0.00	37.20 1.79 0.00	36.32 1.97 0.00
BAYONEEC___CTG6 323687	37.66 1.52 0.00	40.59 1.88 0.00	42.49 1.79 1.04	38.29 1.65 0.00	37.98 1.80 0.00	38.18 1.70 0.00	37.81 1.87 0.00	38.46 2.08 0.00	39.01 1.75 0.91	37.91 1.78 2.33	36.28 1.89 3.39	39.60 2.24 4.58	55.17 2.87 0.58	57.94 3.18 1.23	52.56 3.04 0.00	39.67 2.43 0.65	47.96 2.74 3.70	39.22 2.00 0.23	58.91 2.50 0.41	52.51 2.26 0.00	56.49 2.49 0.00	50.09 2.07 0.00	37.20 1.79 0.00	36.32 1.97 0.00
BAYONEEC___CTG7 323688	37.66 1.52 0.00	40.59 1.88 0.00	42.49 1.79 1.04	38.29 1.65 0.00	37.98 1.80 0.00	38.18 1.70 0.00	37.81 1.87 0.00	38.46 2.08 0.00	39.01 1.75 0.91	37.91 1.78 2.33	36.28 1.89 3.39	39.60 2.24 4.58	55.17 2.87 0.58	57.94 3.18 1.23	52.56 3.04 0.00	39.67 2.43 0.65	47.96 2.74 3.70	39.22 2.00 0.23	58.91 2.50 0.41	52.51 2.26 0.00	56.49 2.49 0.00	50.09 2.07 0.00	37.20 1.79 0.00	36.32 1.97 0.00
BAYONEEC___CTG8 323689	37.66 1.52 0.00	40.59 1.88 0.00	42.49 1.79 1.04	38.29 1.65 0.00	37.98 1.80 0.00	38.18 1.70 0.00	37.81 1.87 0.00	38.46 2.08 0.00	39.01 1.75 0.91	37.91 1.78 2.33	36.28 1.89 3.39	39.60 2.24 4.58	55.17 2.87 0.58	57.94 3.18 1.23	52.56 3.04 0.00	39.67 2.43 0.65	47.96 2.74 3.70	39.22 2.00 0.23	58.91 2.50 0.41	52.51 2.26 0.00	56.49 2.49 0.00	50.09 2.07 0.00	37.20 1.79 0.00	36.32 1.97 0.00
BAYONEEC___CTG9 323749	37.66 1.52 0.00	40.59 1.88 0.00	42.49 1.79 1.04	38.29 1.65 0.00	37.98 1.80 0.00	38.18 1.70 0.00	37.81 1.87 0.00	38.46 2.08 0.00	39.01 1.75 0.91	37.91 1.78 2.33	36.28 1.89 3.39	39.60 2.24 4.58	55.17 2.87 0.58	57.94 3.18 1.23	52.56 3.04 0.00	39.67 2.43 0.65	47.96 2.74 3.70	39.22 2.00 0.23	58.91 2.50 0.41	52.51 2.26 0.00	56.49 2.49 0.00	50.09 2.07 0.00	37.20 1.79 0.00	36.32 1.97 0.00

BEACON___LESR 323632	37.09 0.95 0.00	39.96 1.25 0.00	43.25 1.52 0.00	37.99 1.36 0.00	37.46 1.27 0.00	37.79 1.31 0.00	34.57 1.21 2.58	13.85 1.40 23.93	36.13 0.94 2.98	38.85 1.05 0.65	38.87 1.10 0.00	43.14 1.21 0.00	54.37 1.49 0.00	57.81 1.83 0.00	50.91 1.39 0.00	39.07 1.17 0.00	50.16 1.20 -0.05	38.31 0.86 0.00	58.09 1.26 0.00	51.40 1.15 0.00	52.20 1.37 3.18	49.44 1.41 0.00	36.64 1.22 0.00	35.53 1.18 0.00
BEAVER RIVER___HYD 24048	37.17 1.04 0.00	39.61 0.89 0.00	42.34 0.61 0.00	37.26 0.62 0.00	36.78 0.59 0.00	37.00 0.52 0.00	36.57 0.64 0.00	37.11 0.73 0.00	39.05 0.88 0.00	39.36 0.90 0.00	38.72 0.95 0.00	42.76 0.82 0.00	53.94 1.06 0.00	57.15 1.17 0.00	50.43 0.91 0.00	38.35 0.45 0.00	49.41 0.49 0.00	37.85 0.40 0.00	57.66 0.83 0.00	50.97 0.72 0.00	54.98 0.98 0.00	48.64 0.62 0.00	35.59 0.17 0.00	34.09 -0.26 0.00
BEEBEE_GT_13 23619	36.81 0.67 0.00	39.27 0.56 0.00	41.98 0.24 0.00	36.68 0.04 0.00	36.20 0.02 0.00	36.60 0.12 0.00	36.25 0.31 0.00	36.57 0.19 0.00	38.61 0.43 0.00	38.79 0.34 0.00	38.14 0.37 0.00	42.31 0.37 0.00	53.26 0.38 0.00	56.25 0.27 0.00	49.62 0.09 0.00	37.84 -0.05 0.00	49.31 0.40 0.00	37.65 0.20 0.00	57.47 0.64 0.00	50.75 0.50 0.00	54.75 0.74 0.00	49.04 1.02 0.00	35.92 0.50 0.00	34.52 0.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.17 2.03 0.00	41.19 2.47 0.00	44.00 2.26 0.00	38.78 2.15 0.00	38.46 2.28 0.00	38.68 2.19 0.00	38.32 2.39 0.00	38.93 2.54 0.00	40.40 2.23 0.00	40.65 2.20 0.00	40.16 2.38 0.00	44.77 2.83 0.00	56.54 3.66 0.00	60.03 4.04 0.00	146.06 3.78 -92.76	40.83 2.93 -0.01	52.50 3.42 -0.17	39.95 2.50 0.00	90.68 3.21 -30.65	228.75 2.92 -175.58	69.45 3.15 -12.29	66.05 2.63 -15.39	102.15 2.21 -64.53	36.77 2.41 -0.01
BETHLEHEM___GRP 23843	36.65 0.51 0.00	39.43 0.71 0.00	42.68 0.94 0.00	37.47 0.83 0.00	37.05 0.86 0.00	37.27 0.78 0.00	34.29 0.66 2.31	15.81 0.82 21.39	35.88 0.38 2.67	38.32 0.45 0.58	38.16 0.39 0.00	42.35 0.41 0.00	53.35 0.47 0.00	56.57 0.59 0.00	49.93 0.41 0.00	38.26 0.36 0.00	49.13 0.18 -0.05	37.70 0.24 0.00	56.98 0.16 0.00	50.51 0.26 0.00	51.60 0.43 2.84	48.55 0.53 0.00	35.98 0.57 0.00	35.01 0.65 0.00
BETHLEHEM___GS1 323560	36.65 0.51 0.00	39.43 0.71 0.00	42.68 0.94 0.00	37.47 0.83 0.00	37.05 0.86 0.00	37.26 0.78 0.00	34.29 0.66 2.31	15.80 0.81 21.39	35.88 0.38 2.67	38.32 0.45 0.58	38.16 0.39 0.00	42.35 0.41 0.00	53.35 0.47 0.00	56.57 0.59 0.00	49.93 0.41 0.00	38.26 0.36 0.00	49.14 0.18 -0.05	37.70 0.25 0.00	56.99 0.16 0.00	50.51 0.26 0.00	51.60 0.43 2.84	48.55 0.53 0.00	35.98 0.57 0.00	35.00 0.66 0.00
BETHLEHEM___GS2 323561	36.65 0.51 0.00	39.43 0.71 0.00	42.68 0.94 0.00	37.47 0.83 0.00	37.05 0.86 0.00	37.26 0.78 0.00	34.29 0.66 2.31	15.80 0.81 21.39	35.88 0.38 2.67	38.32 0.45 0.58	38.16 0.39 0.00	42.35 0.41 0.00	53.35 0.47 0.00	56.57 0.59 0.00	49.93 0.41 0.00	38.26 0.36 0.00	49.14 0.18 -0.05	37.70 0.25 0.00	56.99 0.16 0.00	50.51 0.26 0.00	51.60 0.43 2.84	48.55 0.53 0.00	35.98 0.57 0.00	35.00 0.66 0.00
BETHLEHEM___GS3 323562	36.65 0.51 0.00	39.43 0.71 0.00	42.68 0.94 0.00	37.47 0.83 0.00	37.05 0.86 0.00	37.26 0.78 0.00	34.29 0.66 2.31	15.80 0.81 21.39	35.88 0.38 2.67	38.32 0.45 0.58	38.16 0.39 0.00	42.35 0.41 0.00	53.35 0.47 0.00	56.57 0.59 0.00	49.93 0.41 0.00	38.26 0.36 0.00	49.14 0.18 -0.05	37.70 0.25 0.00	56.99 0.16 0.00	50.51 0.26 0.00	51.60 0.43 2.84	48.55 0.53 0.00	35.98 0.57 0.00	35.00 0.66 0.00
BETHLEHEM___STEEL 23779	36.86 0.72 0.00	39.31 0.59 0.00	41.88 0.15 0.00	36.57 -0.07 0.00	36.08 -0.11 0.00	36.56 0.07 0.00	36.24 0.30 0.00	36.36 -0.03 0.00	38.38 0.21 0.00	38.41 -0.04 0.00	37.81 0.04 0.00	41.99 0.05 0.00	52.94 0.06 0.00	55.86 -0.12 0.00	49.26 -0.26 0.00	37.42 -0.48 0.00	48.98 0.06 0.00	37.21 -0.24 0.00	56.93 0.10 0.00	50.23 -0.01 0.00	54.42 0.41 0.00	49.10 1.08 0.00	36.00 0.58 0.00	34.52 0.17 0.00
BETHLHEM_115KV_TB1 79974	36.75 0.61 0.00	39.52 0.81 0.00	42.79 1.06 0.00	37.57 0.93 0.00	37.16 0.97 0.00	37.36 0.87 0.00	34.55 0.75 2.14	17.44 0.90 19.84	36.18 0.48 2.48	38.47 0.55 0.54	38.27 0.49 0.00	42.47 0.54 0.00	53.51 0.63 0.00	56.74 0.76 0.00	50.07 0.55 0.00	38.37 0.47 0.00	49.28 0.32 -0.05	37.80 0.36 0.00	57.14 0.32 0.00	50.66 0.41 0.00	51.96 0.59 2.63	48.69 0.66 0.00	36.09 0.67 0.00	35.10 0.75 0.00
BETHPAGE_CC_5 323564	38.28 2.14 0.00	41.17 2.46 0.00	44.33 2.60 0.00	39.07 2.43 0.00	38.64 2.45 0.00	38.76 2.27 0.00	38.41 2.47 0.00	39.16 2.78 0.00	40.63 2.45 0.00	43.62 2.60 -2.57	66.91 2.73 -26.41	73.60 3.08 -28.57	77.72 3.87 -20.96	61.95 3.95 -2.02	53.34 3.82 0.00	41.98 3.04 -1.04	52.56 3.48 -0.16	39.99 2.54 0.00	59.92 2.93 -0.16	53.51 3.01 -0.25	59.35 3.67 -1.68	51.13 3.07 -0.04	38.00 2.57 -0.01	37.12 2.76 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.97 0.83 0.00	39.42 0.70 0.00	42.00 0.26 0.00	36.67 0.03 0.00	36.18 -0.01 0.00	36.65 0.17 0.00	36.34 0.41 0.00	36.47 0.09 0.00	38.52 0.34 0.00	38.55 0.10 0.00	37.96 0.19 0.00	42.16 0.22 0.00	53.17 0.29 0.00	56.12 0.13 0.00	49.49 -0.04 0.00	37.61 -0.29 0.00	49.21 0.29 0.00	37.37 -0.08 0.00	57.18 0.36 0.00	50.44 0.19 0.00	54.62 0.61 0.00	49.26 1.23 0.00	36.11 0.69 0.00	34.61 0.26 0.00
BINGHAMTON___COGEN 23790	36.63 0.49 0.00	39.23 0.51 0.00	42.25 0.51 0.00	37.04 0.40 0.00	36.60 0.41 0.00	36.98 0.49 0.00	36.48 0.54 0.00	36.95 0.57 0.00	38.81 0.63 0.00	39.01 0.55 0.00	38.40 0.62 0.00	42.63 0.69 0.00	53.85 0.96 0.00	56.96 0.97 0.00	50.35 0.83 0.00	38.44 0.54 0.00	49.70 0.79 0.00	37.94 0.49 0.00	57.64 0.82 0.00	50.93 0.69 0.00	54.85 0.85 0.00	48.95 0.93 0.00	36.06 0.64 0.00	34.81 0.46 0.00
BIXINCNT_115KV_LOAD 355685	37.10 0.96 0.00	39.68 0.96 0.00	42.34 0.61 0.00	36.98 0.35 0.00	36.42 0.23 0.00	36.86 0.37 0.00	36.59 0.65 0.00	36.84 0.46 0.00	38.87 0.70 0.00	38.91 0.45 0.00	38.35 0.58 0.00	42.53 0.59 0.00	53.69 0.80 0.00	56.43 0.44 0.00	49.80 0.28 0.00	37.70 -0.20 0.00	49.22 0.30 0.00	37.37 -0.08 0.00	57.21 0.38 0.00	50.53 0.28 0.00	54.72 0.72 0.00	49.15 1.12 0.00	36.09 0.67 0.00	34.65 0.30 0.00
BLACK RIVER___HYD 24047	37.43 1.29 0.00	39.85 1.13 0.00	42.48 0.75 0.00	37.40 0.76 0.00	36.97 0.79 0.00	37.21 0.73 0.00	36.85 0.91 0.00	37.39 1.01 0.00	39.37 1.20 0.00	39.71 1.26 0.00	39.05 1.28 0.00	43.05 1.11 0.00	54.39 1.51 0.00	57.63 1.65 0.00	50.77 1.25 0.00	38.46 0.56 0.00	49.53 0.62 0.00	37.97 0.52 0.00	57.84 1.01 0.00	51.22 0.97 0.00	55.43 1.42 0.00	49.00 0.98 0.00	35.84 0.43 0.00	34.24 -0.11 0.00

BLACKRVR_115KV_TB2 79977	37.43 1.29 0.00	39.85 1.13 0.00	42.48 0.74 0.00	37.39 0.75 0.00	36.97 0.79 0.00	37.21 0.73 0.00	36.84 0.90 0.00	37.39 1.01 0.00	39.37 1.20 0.00	39.71 1.26 0.00	39.05 1.28 0.00	43.04 1.10 0.00	54.39 1.51 0.00	57.63 1.65 0.00	50.77 1.26 0.00	38.46 0.56 0.00	49.53 0.62 0.00	37.97 0.52 0.00	57.84 1.01 0.00	51.22 0.97 0.00	55.43 1.42 0.00	49.00 0.98 0.00	35.84 0.43 0.00	34.24 -0.11 0.00
BLISS_WT_PWR 323608	37.13 0.99 0.00	39.70 0.98 0.00	42.38 0.65 0.00	37.01 0.37 0.00	36.43 0.24 0.00	36.86 0.37 0.00	36.60 0.66 0.00	36.88 0.50 0.00	38.92 0.75 0.00	38.95 0.50 0.00	38.38 0.61 0.00	42.55 0.61 0.00	53.70 0.82 0.00	56.40 0.42 0.00	49.80 0.28 0.00	37.66 -0.23 0.00	49.17 0.26 0.00	37.37 -0.08 0.00	57.24 0.41 0.00	50.57 0.32 0.00	54.76 0.76 0.00	49.12 1.10 0.00	36.09 0.67 0.00	34.63 0.28 0.00
BLUE_CIRC_CHEM_DRP 24182	37.13 0.99 0.00	39.97 1.25 0.00	43.35 1.62 0.00	38.07 1.44 0.00	37.65 1.46 0.00	37.87 1.39 0.00	35.65 1.22 1.51	23.61 1.24 14.02	37.31 0.89 1.75	39.01 0.93 0.38	38.64 0.87 0.00	42.86 0.92 0.00	53.97 1.09 0.00	57.24 1.26 0.00	50.50 0.98 0.00	38.68 0.78 0.00	49.72 0.76 -0.04	38.14 0.69 0.00	57.71 0.89 0.00	51.17 0.92 0.00	53.32 1.18 1.86	49.28 1.25 0.00	36.53 1.11 0.00	35.51 1.16 0.00
BOC_GAS_DRP 24189	36.94 0.80 0.00	39.73 1.01 0.00	43.03 1.30 0.00	37.78 1.15 0.00	37.36 1.18 0.00	37.58 1.09 0.00	35.66 0.93 1.21	26.17 1.02 11.24	37.50 0.72 1.40	38.91 0.77 0.30	38.49 0.72 0.00	42.71 0.77 0.00	53.81 0.92 0.00	57.00 1.01 0.00	50.34 0.82 0.00	38.59 0.69 0.00	49.61 0.65 -0.04	38.03 0.58 0.00	57.49 0.66 0.00	50.97 0.72 0.00	53.45 0.94 1.49	48.97 0.95 0.00	36.30 0.88 0.00	35.31 0.96 0.00
BOONVILLE_115KV_TB1 79983	37.18 1.04 0.00	39.73 1.01 0.00	42.71 0.97 0.00	37.50 0.86 0.00	37.05 0.86 0.00	37.36 0.87 0.00	36.88 0.94 0.00	37.42 1.04 0.00	39.33 1.15 0.00	39.67 1.22 0.00	39.13 1.36 0.00	43.39 1.45 0.00	54.76 1.88 0.00	57.94 1.96 0.00	51.35 1.83 0.00	39.15 1.25 0.00	50.25 1.34 0.00	38.37 0.91 0.00	58.31 1.48 0.00	51.53 1.29 0.00	55.47 1.46 0.00	49.25 1.23 0.00	36.16 0.75 0.00	34.83 0.48 0.00
BORALEX_4TH_BRANCH 23824	38.05 1.92 0.00	41.08 2.36 0.00	44.50 2.77 0.00	39.08 2.45 0.00	38.64 2.45 0.00	38.80 2.32 0.00	41.88 2.18 -3.76	73.68 2.41 -34.89	44.51 1.99 -4.35	41.33 1.93 -0.95	39.57 1.80 0.00	43.80 1.86 0.00	55.03 2.15 0.00	58.19 2.21 0.00	51.42 1.90 0.00	39.38 1.49 0.00	50.68 1.72 -0.05	38.94 1.49 0.00	59.00 2.17 0.00	52.46 2.22 0.00	61.33 2.70 -4.63	50.55 2.53 0.00	37.50 2.08 0.00	36.50 2.15 0.00
BOWLINE___1 23526	37.43 1.30 0.00	40.26 1.54 0.00	43.24 1.51 0.00	37.96 1.32 0.00	37.59 1.40 0.00	37.81 1.32 0.00	37.40 1.47 0.00	38.04 1.66 0.00	39.57 1.39 0.00	39.87 1.42 0.00	39.33 1.56 0.00	43.80 1.86 0.00	55.26 2.38 0.00	58.63 2.65 0.00	52.09 2.57 0.00	39.93 2.03 0.00	50.99 2.26 0.18	39.11 1.65 0.00	58.87 2.04 0.00	52.12 1.87 0.00	56.10 2.10 0.00	49.79 1.77 0.00	36.94 1.52 0.00	36.07 1.71 0.00
BOWLINE___2 23595	37.50 1.37 0.00	40.33 1.61 0.00	43.32 1.59 0.00	38.03 1.39 0.00	37.66 1.47 0.00	37.88 1.39 0.00	37.47 1.53 0.00	38.10 1.72 0.00	39.63 1.46 0.00	39.95 1.49 0.00	39.40 1.63 0.00	43.88 1.94 0.00	55.36 2.48 0.00	58.74 2.76 0.00	52.19 2.67 0.00	40.00 2.10 0.00	51.09 2.36 0.18	39.17 1.72 0.00	58.98 2.15 0.00	52.21 1.97 0.00	56.21 2.20 0.00	49.88 1.86 0.00	37.00 1.59 0.00	36.11 1.76 0.00
BRADY___115KV_TB2 356060	36.60 0.46 0.00	39.04 0.33 0.00	41.92 0.19 0.00	36.84 0.20 0.00	36.27 0.08 0.00	36.60 0.11 0.00	36.07 0.13 0.00	36.50 0.12 0.00	38.48 0.31 0.00	38.74 0.29 0.00	38.06 0.29 0.00	42.17 0.23 0.00	53.14 0.26 0.00	56.35 0.37 0.00	49.92 0.40 0.00	38.25 0.35 0.00	49.48 0.57 0.00	37.76 0.31 0.00	57.62 0.79 0.00	50.70 0.46 0.00	54.64 0.63 0.00	48.41 0.38 0.00	35.60 0.18 0.00	34.48 0.13 0.00
BRANSCOMB___SOLAR 323811	38.31 2.17 0.00	41.13 2.42 0.00	44.42 2.68 0.00	38.98 2.35 0.00	38.52 2.34 0.00	38.76 2.27 0.00	40.98 2.21 -2.83	65.06 2.44 -26.24	43.67 2.22 -3.27	41.34 2.18 -0.71	39.82 2.05 0.00	44.13 2.19 0.00	55.57 2.69 0.00	59.02 3.03 0.00	52.42 2.90 0.00	40.22 2.32 0.00	51.64 2.68 -0.05	39.53 2.08 0.00	59.94 3.11 0.00	53.00 2.75 0.00	60.68 3.19 -3.48	51.00 2.97 0.00	37.72 2.31 0.00	36.60 2.25 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	38.92 2.79 0.00	41.85 3.13 0.00	45.14 3.40 0.00	39.77 3.14 0.00	39.34 3.15 0.00	39.42 2.93 0.00	39.10 3.17 0.00	39.93 3.55 0.00	41.41 3.23 0.00	44.43 3.41 -2.57	67.76 3.57 -26.41	105.45 3.95 -59.56	127.56 4.85 -69.82	62.60 4.59 -2.02	60.14 4.27 -6.36	46.96 3.32 -5.74	58.45 3.81 -5.73	46.46 2.76 -6.25	63.90 3.24 -3.84	58.42 3.49 -4.69	78.48 4.66 -19.82	52.41 3.95 -0.43	38.82 3.34 -0.07	37.92 3.49 -0.07
BRISTLHL_115KV_TB1 79998	35.54 -0.59 0.00	38.05 -0.67 0.00	40.95 -0.78 0.00	35.92 -0.71 0.00	35.50 -0.69 0.00	35.81 -0.68 0.00	35.33 -0.61 0.00	35.75 -0.64 0.00	37.52 -0.65 0.00	37.74 -0.71 0.00	37.13 -0.64 0.00	41.24 -0.70 0.00	52.09 -0.79 0.00	55.20 -0.78 0.00	48.70 -0.82 0.00	37.18 -0.72 0.00	48.06 -0.85 0.00	36.74 -0.71 0.00	55.80 -1.03 0.00	49.36 -0.89 0.00	53.09 -0.91 0.00	47.36 -0.67 0.00	34.86 -0.55 0.00	33.70 -0.66 0.00
BROOKHAVEN___DRP 24191	38.54 2.41 0.00	41.51 2.80 0.00	45.01 3.27 0.00	39.81 3.18 0.00	39.33 3.15 0.00	39.28 2.79 0.00	39.04 3.10 0.00	39.82 3.44 0.00	41.11 2.94 0.00	44.17 3.14 -2.57	67.75 3.55 -26.42	121.51 4.04 -75.54	139.72 4.86 -81.97	62.44 4.43 -2.03	89.60 4.32 -35.76	67.16 3.52 -25.74	84.41 4.02 -31.47	75.55 2.93 -35.16	80.35 3.54 -19.98	77.72 3.76 -23.71	153.57 4.86 -94.71	54.18 4.09 -2.07	39.11 3.36 -0.33	38.24 3.53 -0.36
BROOKLYN_NAVY_YARD 23515	37.66 1.53 0.00	40.57 1.85 0.00	43.50 1.76 0.00	38.26 1.63 0.00	37.94 1.76 0.00	38.14 1.66 0.00	37.77 1.84 0.00	38.44 2.06 0.00	39.92 1.74 0.00	40.23 1.78 0.00	39.64 1.87 0.00	44.17 2.23 0.00	55.75 2.87 0.00	59.15 3.17 0.00	52.54 3.02 0.00	40.31 2.41 0.00	51.81 2.73 -0.16	39.45 2.00 0.00	59.32 2.49 0.00	52.51 2.26 0.00	56.44 2.44 0.00	50.06 2.04 0.00	37.25 1.84 0.00	36.34 1.98 0.00
BROOKLYN___ARMY_DRP 323595	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.13 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01

BROOKVLE_69_KV_TB1 55790	38.31 2.17 0.00	41.20 2.49 0.00	44.32 2.58 0.00	38.98 2.35 0.00	38.57 2.38 0.00	38.74 2.26 0.00	38.36 2.43 0.00	39.10 2.72 0.00	40.63 2.45 0.00	43.60 2.58 -2.57	67.00 2.81 -26.41	70.99 3.23 -25.82	73.85 4.14 -16.83	62.42 4.41 -2.02	53.71 4.19 0.00	41.95 3.33 -0.72	52.96 3.89 -0.16	40.27 2.82 0.00	60.28 3.46 0.00	53.51 3.26 0.00	57.76 3.75 0.00	51.14 3.12 0.00	37.94 2.52 0.00	37.02 2.67 0.00
BROOME_2_LFGE 323671	36.63 0.49 0.00	39.22 0.51 0.00	42.25 0.52 0.00	37.04 0.40 0.00	36.59 0.40 0.00	36.98 0.49 0.00	36.48 0.54 0.00	36.95 0.57 0.00	38.81 0.63 0.00	39.01 0.56 0.00	38.39 0.62 0.00	42.64 0.70 0.00	53.85 0.97 0.00	56.96 0.97 0.00	50.35 0.83 0.00	38.44 0.54 0.00	49.70 0.79 0.00	37.94 0.48 0.00	57.65 0.82 0.00	50.93 0.68 0.00	54.85 0.85 0.00	48.95 0.93 0.00	36.06 0.64 0.00	34.81 0.46 0.00
BROOME___LFGE 323600	36.63 0.49 0.00	39.22 0.51 0.00	42.25 0.52 0.00	37.04 0.40 0.00	36.59 0.40 0.00	36.98 0.49 0.00	36.48 0.54 0.00	36.95 0.57 0.00	38.81 0.63 0.00	39.01 0.56 0.00	38.39 0.62 0.00	42.64 0.70 0.00	53.85 0.97 0.00	56.96 0.97 0.00	50.35 0.83 0.00	38.44 0.54 0.00	49.70 0.79 0.00	37.94 0.48 0.00	57.65 0.82 0.00	50.93 0.68 0.00	54.85 0.85 0.00	48.95 0.93 0.00	36.06 0.64 0.00	34.81 0.46 0.00
BROWNFLS_115KV_TB_3_5 80003	36.69 0.55 0.00	39.11 0.39 0.00	41.87 0.14 0.00	36.82 0.19 0.00	36.26 0.08 0.00	36.46 -0.03 0.00	35.95 0.02 0.00	36.46 0.08 0.00	38.36 0.18 0.00	38.67 0.22 0.00	37.98 0.21 0.00	42.00 0.06 0.00	52.94 0.06 0.00	56.08 0.10 0.00	49.59 0.07 0.00	37.83 -0.07 0.00	48.81 -0.10 0.00	37.41 -0.04 0.00	57.02 0.20 0.00	50.32 0.08 0.00	54.33 0.32 0.00	48.06 0.04 0.00	35.24 -0.18 0.00	33.91 -0.44 0.00
BROWNSV1_27_KV_LOAD 356125	38.26 2.13 0.00	41.20 2.48 0.00	44.18 2.45 0.00	38.85 2.21 0.00	38.51 2.32 0.00	38.72 2.24 0.00	38.36 2.43 0.00	39.05 2.67 0.00	40.56 2.38 0.00	40.89 2.44 0.00	40.34 2.57 0.00	44.93 2.99 0.00	56.73 3.85 0.00	60.22 4.24 0.00	53.48 3.96 0.00	41.03 3.13 0.00	52.73 3.66 -0.16	40.14 2.68 0.00	60.33 3.51 0.00	53.39 3.14 0.00	57.42 3.42 0.00	50.94 2.92 0.00	37.82 2.41 0.00	36.89 2.53 0.00
BURROWS___LYONSDAL 23803	37.15 1.02 0.00	39.67 0.96 0.00	42.58 0.84 0.00	37.41 0.77 0.00	36.96 0.77 0.00	37.25 0.76 0.00	36.78 0.84 0.00	37.33 0.95 0.00	39.25 1.07 0.00	39.57 1.12 0.00	39.01 1.24 0.00	43.21 1.28 0.00	54.51 1.63 0.00	57.72 1.73 0.00	51.06 1.54 0.00	38.92 1.02 0.00	50.01 1.10 0.00	38.22 0.77 0.00	58.13 1.30 0.00	51.35 1.10 0.00	55.28 1.28 0.00	49.02 1.00 0.00	35.95 0.53 0.00	34.56 0.21 0.00
CAITHNESS_CC_1 323624	38.50 2.36 0.00	41.45 2.73 0.00	44.92 3.18 0.00	39.69 3.06 0.00	39.22 3.04 0.00	39.18 2.69 0.00	38.92 2.98 0.00	39.71 3.33 0.00	41.04 2.86 0.00	44.09 3.07 -2.57	67.60 3.41 -26.42	121.07 3.83 -75.30	139.20 4.64 -81.67	62.32 4.31 -2.03	88.92 4.18 -35.23	66.83 3.38 -25.55	83.78 3.86 -31.01	74.90 2.82 -34.64	79.95 3.34 -19.78	77.32 3.58 -23.49	152.83 4.60 -94.22	53.95 3.87 -2.06	38.96 3.22 -0.33	38.10 3.39 -0.35
CALPINE BETH_PAGE_GT4 24209	38.25 2.12 0.00	41.13 2.42 0.00	44.28 2.55 0.00	38.99 2.36 0.00	38.57 2.39 0.00	38.70 2.21 0.00	38.35 2.41 0.00	39.10 2.72 0.00	40.58 2.40 0.00	43.57 2.55 -2.57	66.87 2.69 -26.41	72.84 3.04 -27.86	76.58 3.85 -19.84	61.95 3.94 -2.02	53.34 3.82 0.00	41.92 3.06 -0.96	52.56 3.48 -0.16	39.97 2.52 0.00	59.86 2.92 -0.12	53.40 2.97 -0.19	58.87 3.61 -1.26	51.06 3.01 -0.03	37.96 2.54 -0.01	37.08 2.72 0.00
CALPINE_BETH_PAGE_GT_4 323586	38.25 2.12 0.00	41.13 2.42 0.00	44.29 2.55 0.00	39.00 2.36 0.00	38.57 2.38 0.00	38.70 2.21 0.00	38.35 2.41 0.00	39.10 2.72 0.00	40.58 2.40 0.00	43.57 2.55 -2.57	66.87 2.69 -26.41	72.85 3.05 -27.86	76.58 3.85 -19.84	61.95 3.94 -2.02	53.34 3.82 0.00	41.92 3.06 -0.96	52.56 3.48 -0.16	39.98 2.53 0.00	59.85 2.91 -0.12	53.40 2.97 -0.19	58.87 3.61 -1.26	51.06 3.01 -0.03	37.96 2.54 -0.01	37.08 2.72 0.00
CALPINE_BP_GT1 23823	38.25 2.12 0.00	41.13 2.42 0.00	44.29 2.55 0.00	39.00 2.36 0.00	38.57 2.38 0.00	38.70 2.21 0.00	38.35 2.41 0.00	39.10 2.72 0.00	40.58 2.40 0.00	43.57 2.55 -2.57	66.87 2.69 -26.41	72.85 3.05 -27.86	76.58 3.85 -19.84	61.95 3.94 -2.02	53.34 3.82 0.00	41.92 3.06 -0.96	52.56 3.48 -0.16	39.98 2.53 0.00	59.85 2.91 -0.12	53.40 2.97 -0.19	58.87 3.61 -1.26	51.06 3.01 -0.03	37.96 2.54 -0.01	37.08 2.72 0.00
CALSPAN___DRP 24200	36.86 0.72 0.00	39.31 0.59 0.00	41.88 0.15 0.00	36.57 -0.07 0.00	36.08 -0.11 0.00	36.56 0.07 0.00	36.24 0.30 0.00	36.36 -0.03 0.00	38.38 0.21 0.00	38.41 -0.04 0.00	37.81 0.04 0.00	41.99 0.05 0.00	52.94 0.06 0.00	55.86 -0.12 0.00	49.26 -0.26 0.00	37.42 -0.48 0.00	48.98 0.06 0.00	37.21 -0.24 0.00	56.93 0.10 0.00	50.23 -0.01 0.00	54.42 0.41 0.00	49.10 1.08 0.00	36.00 0.58 0.00	34.52 0.17 0.00
CALVERTON___SOLAR 323806	38.68 2.54 0.00	41.65 2.93 0.00	45.18 3.44 0.00	39.98 3.35 0.00	39.51 3.32 0.00	39.44 2.96 0.00	39.22 3.28 0.00	40.00 3.61 0.00	41.26 3.09 -2.57	44.34 3.32 -26.42	67.97 3.78 -75.64	121.90 4.33 -82.10	140.18 5.20 -2.03	62.69 4.68 -35.97	90.08 4.59 -25.82	67.45 3.73 -31.66	84.88 4.31 -35.37	75.98 3.16 -20.07	80.77 3.88 -23.80	78.10 4.05 -94.92	154.16 5.23 -2.07	54.49 4.40 -2.07	39.33 3.59 -0.33	38.44 3.73 -0.36
CANDIGU_WT_PWR 323617	36.76 0.62 0.00	39.27 0.55 0.00	42.01 0.27 0.00	36.79 0.15 0.00	36.34 0.15 0.00	36.82 0.34 0.00	36.42 0.48 0.00	36.70 0.32 0.00	38.72 0.55 0.00	38.80 0.35 0.00	38.17 0.40 0.00	42.32 0.39 0.00	53.41 0.53 0.00	56.14 0.15 0.00	49.67 0.14 0.00	37.77 -0.13 0.00	49.10 0.19 0.00	37.37 -0.08 0.00	57.14 0.32 0.00	50.53 0.28 0.00	54.75 0.75 0.00	49.17 1.15 0.00	36.11 0.69 0.00	34.68 0.32 0.00
CARR STREET_E_SYP 24060	35.81 -0.32 0.00	38.31 -0.40 0.00	41.22 -0.52 0.00	36.15 -0.49 0.00	35.69 -0.49 0.00	36.02 -0.47 0.00	35.55 -0.39 0.00	36.02 -0.36 0.00	37.84 -0.33 0.00	38.10 -0.35 0.00	37.47 -0.30 0.00	41.62 -0.32 0.00	52.56 -0.32 0.00	55.66 -0.32 0.00	49.13 -0.38 0.00	37.50 -0.40 0.00	48.48 -0.43 0.00	37.08 -0.37 0.00	56.32 -0.51 0.00	49.81 -0.44 0.00	53.59 -0.41 0.00	47.72 -0.30 0.00	35.11 -0.31 0.00	33.94 -0.41 0.00
CARTHAGE___PAPER 23857	37.49 1.35 0.00	39.91 1.19 0.00	42.61 0.88 0.00	37.50 0.87 0.00	37.05 0.86 0.00	37.27 0.78 0.00	36.89 0.95 0.00	37.42 1.04 0.00	39.39 1.21 0.00	39.66 1.21 0.00	39.05 1.28 0.00	43.03 1.09 0.00	54.39 1.51 0.00	57.60 1.62 0.00	50.85 1.34 0.00	38.62 0.72 0.00	49.71 0.80 0.00	38.09 0.64 0.00	58.01 1.19 0.00	51.33 1.09 0.00	55.49 1.49 0.00	49.07 1.05 0.00	35.89 0.48 0.00	34.34 -0.02 0.00

CASSADAGA_WT_PWR 323784	37.91 1.78 0.00	40.36 1.65 0.00	43.05 1.31 0.00	37.59 0.95 0.00	37.08 0.89 0.00	37.73 1.24 0.00	37.49 1.55 0.00	37.76 1.38 0.00	39.97 1.79 0.00	39.98 1.53 0.00	39.45 1.68 0.00	43.81 1.87 0.00	55.20 2.32 0.00	58.30 2.32 0.00	51.53 2.01 0.00	38.93 1.04 0.00	50.89 1.97 0.00	38.60 1.15 0.00	58.99 2.16 0.00	52.11 1.87 0.00	56.44 2.44 0.00	50.71 2.68 0.00	36.98 1.56 0.00	35.37 1.01 0.00
CE_DUNWOOD___DRP 24194	37.77 1.63 0.00	40.63 1.91 0.00	43.66 1.92 0.00	38.35 1.72 0.00	37.99 1.80 0.00	38.20 1.72 0.00	37.79 1.86 0.00	38.45 2.07 0.00	39.97 1.79 0.00	40.28 1.83 0.00	39.70 1.93 0.00	44.19 2.25 0.00	55.75 2.87 0.00	59.16 3.18 0.00	52.53 3.01 0.00	40.30 2.40 0.00	51.82 2.74 -0.17	39.48 2.03 0.00	59.39 2.56 0.00	52.57 2.32 0.00	56.58 2.58 0.00	50.22 2.19 0.00	37.25 1.84 0.00	36.35 1.99 0.00
CE_MILLWOOD___DRP 24193	37.70 1.56 0.00	40.56 1.84 0.00	43.58 1.85 0.00	38.28 1.65 0.00	37.91 1.72 0.00	38.13 1.64 0.00	37.70 1.76 0.00	38.35 1.97 0.00	39.88 1.71 0.00	40.19 1.74 0.00	39.61 1.84 0.00	44.09 2.16 0.00	55.63 2.75 0.00	59.02 3.03 0.00	52.40 2.88 0.00	40.20 2.30 0.00	51.71 2.63 -0.17	39.38 1.93 0.00	59.28 2.45 0.00	52.47 2.22 0.00	56.48 2.47 0.00	50.13 2.10 0.00	37.19 1.77 0.00	36.27 1.93 0.00
CE_NYC2_DRP 24202	37.69 1.55 0.00	40.68 1.97 0.00	43.57 1.84 0.00	38.36 1.73 0.00	38.04 1.85 0.00	38.26 1.77 0.00	37.90 1.96 0.00	38.51 2.13 0.00	39.94 1.77 0.00	40.17 1.72 0.00	39.64 1.86 0.00	44.16 2.23 0.00	55.72 2.84 0.00	59.12 3.14 0.00	52.49 2.98 0.00	40.25 2.35 0.00	51.73 2.66 -0.16	39.39 1.94 0.00	58.39 2.37 0.80	45.69 2.16 6.72	49.72 2.35 6.64	41.65 1.94 8.32	33.76 1.69 3.35	36.28 1.93 0.00
CE_NYC_DRP 24195	37.76 1.63 0.00	40.69 1.98 0.00	43.65 1.92 0.00	38.39 1.75 0.00	38.05 1.87 0.00	38.26 1.78 0.00	37.90 1.96 0.00	38.57 2.19 0.00	40.05 1.87 0.00	40.35 1.90 0.00	39.80 2.03 0.00	44.32 2.38 0.00	55.96 3.08 0.00	59.38 3.40 0.00	52.73 3.22 0.00	40.46 2.56 0.00	52.00 2.92 -0.16	39.58 2.13 0.00	59.49 2.67 0.00	52.66 2.41 0.00	56.65 2.64 0.00	50.23 2.21 0.00	37.31 1.89 0.00	36.42 2.06 0.00
CHAFFEE___LFGE 323603	36.95 0.81 0.00	39.38 0.67 0.00	41.95 0.22 0.00	36.64 0.00 0.00	36.14 -0.05 0.00	36.60 0.11 0.00	36.29 0.35 0.00	36.46 0.08 0.00	38.49 0.31 0.00	38.52 0.07 0.00	37.93 0.16 0.00	42.17 0.23 0.00	53.17 0.29 0.00	56.10 0.12 0.00	49.50 -0.02 0.00	37.61 -0.28 0.00	49.23 0.31 0.00	37.39 -0.06 0.00	57.21 0.39 0.00	50.47 0.23 0.00	54.67 0.66 0.00	49.28 1.26 0.00	36.11 0.70 0.00	34.60 0.25 0.00
CHATEAUG_35_KV_LOAD 355732	36.34 0.21 0.00	38.77 0.05 0.00	41.65 -0.08 0.00	36.62 -0.01 0.00	36.08 -0.11 0.00	36.52 0.04 0.00	36.06 0.12 0.00	36.64 0.26 0.00	38.59 0.42 0.00	38.90 0.45 0.00	38.23 0.46 0.00	42.39 0.46 0.00	53.42 0.54 0.00	56.32 0.34 0.00	49.94 0.41 0.00	38.38 0.48 0.00	49.70 0.79 0.00	38.10 0.65 0.00	58.00 1.17 0.00	51.09 0.84 0.00	54.82 0.81 0.00	48.58 0.56 0.00	35.73 0.31 0.00	34.68 0.33 0.00
CHATEAUG_WT_PWR 323614	36.36 0.22 0.00	38.84 0.12 0.00	41.67 -0.06 0.00	36.65 0.02 0.00	36.13 -0.06 0.00	36.55 0.07 0.00	36.12 0.19 0.00	36.70 0.32 0.00	38.64 0.46 0.00	38.95 0.50 0.00	38.30 0.53 0.00	42.48 0.54 0.00	53.54 0.65 0.00	56.40 0.42 0.00	50.01 0.49 0.00	38.47 0.58 0.00	49.81 0.90 0.00	38.17 0.72 0.00	58.05 1.23 0.00	51.15 0.90 0.00	54.89 0.89 0.00	48.66 0.64 0.00	35.80 0.39 0.00	34.74 0.38 0.00
CHAT_HIGH_FALL_HYD 323578	36.34 0.21 0.00	38.77 0.05 0.00	41.65 -0.08 0.00	36.62 -0.01 0.00	36.08 -0.11 0.00	36.52 0.04 0.00	36.06 0.12 0.00	36.64 0.26 0.00	38.59 0.42 0.00	38.90 0.45 0.00	38.23 0.46 0.00	42.39 0.46 0.00	53.42 0.54 0.00	56.32 0.34 0.00	49.94 0.41 0.00	38.38 0.48 0.00	49.70 0.79 0.00	38.10 0.65 0.00	58.00 1.17 0.00	51.09 0.84 0.00	54.82 0.81 0.00	48.58 0.56 0.00	35.73 0.31 0.00	34.68 0.33 0.00
CHAUTAUQUA___LFGE 323629	37.40 1.26 0.00	39.85 1.13 0.00	42.49 0.76 0.00	37.13 0.49 0.00	36.64 0.45 0.00	37.22 0.73 0.00	36.96 1.02 0.00	37.16 0.78 0.00	39.30 1.13 0.00	39.30 0.85 0.00	38.74 0.96 0.00	43.02 1.08 0.00	54.23 1.35 0.00	57.28 1.29 0.00	50.61 1.09 0.00	38.31 0.41 0.00	50.07 1.16 0.00	38.01 0.56 0.00	58.14 1.32 0.00	51.33 1.08 0.00	55.57 1.57 0.00	50.02 1.99 0.00	36.60 1.19 0.00	35.05 0.70 0.00
CHERRYST_13_KV_LD 356241	37.91 1.77 0.00	40.83 2.12 0.00	43.81 2.07 0.00	38.52 1.89 0.00	38.20 2.01 0.00	38.41 1.92 0.00	38.05 2.11 0.00	38.74 2.36 0.00	40.24 2.07 0.00	40.57 2.12 0.00	40.01 2.24 0.00	44.57 2.63 0.00	56.28 3.40 0.00	59.71 3.73 0.00	53.03 3.51 0.00	40.68 2.78 0.00	52.29 3.21 -0.16	39.79 2.33 0.00	59.78 2.95 0.00	52.87 2.63 0.00	56.87 2.87 0.00	50.43 2.41 0.00	37.45 2.03 0.00	36.54 2.19 0.00
CHESTROR_138KV_BK263 355645	37.47 1.33 0.00	40.25 1.53 0.00	43.30 1.57 0.00	38.00 1.36 0.00	37.61 1.42 0.00	37.83 1.35 0.00	37.37 1.43 0.00	37.98 1.59 0.00	39.58 1.40 0.00	39.87 1.42 0.00	39.30 1.53 0.00	43.74 1.80 0.00	55.20 2.32 0.00	58.58 2.59 0.00	52.01 2.49 0.00	39.86 1.96 0.00	51.00 2.23 0.13	39.10 1.65 0.00	58.93 2.11 0.00	52.20 1.95 0.00	56.18 2.17 0.00	49.88 1.86 0.00	36.96 1.55 0.00	36.01 1.65 0.00
CH_MIDHUDSON___DRP 24192	37.92 1.78 0.00	40.73 2.02 0.00	43.84 2.10 0.00	38.49 1.86 0.00	38.10 1.91 0.00	38.31 1.82 0.00	37.81 1.88 0.00	38.49 2.11 0.00	40.08 1.91 0.00	40.43 1.98 0.00	39.79 2.02 0.00	44.24 2.30 0.00	55.85 2.97 0.00	59.23 3.25 0.00	52.53 3.01 0.00	40.34 2.44 0.00	51.81 2.84 -0.06	39.58 2.13 0.00	59.63 2.81 0.00	52.76 2.51 0.00	56.78 2.77 0.00	50.43 2.41 0.00	37.37 1.96 0.00	36.40 2.05 0.00
CH_MISC_IPPS 23765	38.15 2.02 0.00	40.96 2.24 0.00	44.06 2.32 0.00	38.68 2.04 0.00	38.28 2.09 0.00	38.49 2.00 0.00	38.02 2.08 0.00	38.73 2.35 0.00	40.37 2.20 0.00	40.72 2.27 0.00	40.12 2.35 0.00	44.67 2.73 0.00	56.42 3.54 0.00	59.89 3.91 0.00	53.09 3.57 0.00	40.74 2.84 0.00	52.32 3.38 -0.03	39.96 2.51 0.00	60.22 3.40 0.00	53.26 3.02 0.00	57.31 3.31 0.00	50.88 2.86 0.00	37.68 2.26 0.00	36.67 2.32 0.00
CH_RES_BVR_FALLS 23983	35.93 -0.21 0.00	38.49 -0.23 0.00	41.36 -0.37 0.00	36.40 -0.24 0.00	35.94 -0.24 0.00	36.27 -0.22 0.00	35.73 -0.21 0.00	36.16 -0.22 0.00	38.03 -0.15 0.00	38.30 -0.15 0.00	37.61 -0.16 0.00	41.73 -0.20 0.00	52.58 -0.30 0.00	55.69 -0.30 0.00	49.25 -0.27 0.00	37.73 -0.17 0.00	48.78 -0.14 0.00	37.34 -0.11 0.00	56.76 -0.07 0.00	50.11 -0.14 0.00	53.76 -0.24 0.00	47.68 -0.34 0.00	35.15 -0.27 0.00	34.08 -0.27 0.00

CH_RES_NIAGARA 23895	35.72 -0.42 0.00	38.11 -0.61 0.00	40.58 -1.16 0.00	35.43 -1.21 0.00	34.95 -1.24 0.00	35.37 -1.11 0.00	35.03 -0.91 0.00	35.00 -1.38 0.00	36.95 -1.23 0.00	36.82 -1.64 0.00	36.11 -1.65 0.00	40.09 -1.85 0.00	50.48 -2.41 0.00	53.24 -2.74 0.00	46.84 -2.68 0.00	35.63 -2.26 0.00	46.69 -2.22 0.00	35.52 -1.93 0.00	54.33 -2.50 0.00	47.99 -2.26 0.00	52.12 -1.88 0.00	47.21 -0.81 0.00	34.62 -0.79 0.00	33.57 -0.78 0.00
CH_RES_SYRACUSE 23985	36.12 -0.01 0.00	38.65 -0.07 0.00	41.61 -0.13 0.00	36.47 -0.16 0.00	36.02 -0.17 0.00	36.36 -0.12 0.00	35.89 -0.04 0.00	36.36 -0.02 0.00	38.20 0.03 0.00	38.46 0.01 0.00	37.83 0.06 0.00	42.07 0.13 0.00	53.15 0.27 0.00	56.27 0.29 0.00	49.68 0.16 0.00	37.92 0.02 0.00	49.00 0.09 0.00	37.41 -0.04 0.00	56.86 0.03 0.00	50.26 0.01 0.00	54.10 0.10 0.00	48.16 0.14 0.00	35.43 0.01 0.00	34.22 -0.13 0.00
CLINTON_WT_PWR 323605	36.36 0.22 0.00	38.84 0.12 0.00	41.67 -0.06 0.00	36.65 0.02 0.00	36.13 -0.06 0.00	36.55 0.07 0.00	36.12 0.19 0.00	36.70 0.32 0.00	38.64 0.46 0.00	38.95 0.50 0.00	38.30 0.53 0.00	42.48 0.54 0.00	53.54 0.65 0.00	56.40 0.42 0.00	50.01 0.49 0.00	38.47 0.58 0.00	49.81 0.90 0.00	38.17 0.72 0.00	58.05 1.23 0.00	51.15 0.90 0.00	54.89 0.89 0.00	48.66 0.64 0.00	35.80 0.39 0.00	34.74 0.38 0.00
CLINTON___LFGE 323618	36.93 0.79 0.00	39.45 0.74 0.00	42.23 0.50 0.00	37.16 0.53 0.00	36.61 0.42 0.00	37.03 0.54 0.00	36.66 0.72 0.00	37.33 0.95 0.00	39.25 1.08 0.00	39.57 1.12 0.00	38.97 1.20 0.00	43.20 1.26 0.00	54.43 1.54 0.00	57.34 1.35 0.00	50.89 1.37 0.00	39.17 1.27 0.00	50.69 1.78 0.00	38.83 1.38 0.00	59.04 2.21 0.00	51.97 1.73 0.00	55.80 1.80 0.00	49.47 1.44 0.00	36.38 0.96 0.00	35.25 0.90 0.00
COBBLENY_34_KV_TB1 80064	36.95 0.81 0.00	39.39 0.67 0.00	41.95 0.22 0.00	36.63 0.00 0.00	36.14 -0.05 0.00	36.60 0.11 0.00	36.30 0.36 0.00	36.46 0.08 0.00	38.49 0.31 0.00	38.53 0.08 0.00	37.93 0.15 0.00	42.16 0.22 0.00	53.17 0.29 0.00	56.10 0.12 0.00	49.50 -0.02 0.00	37.61 -0.29 0.00	49.23 0.31 0.00	37.39 -0.06 0.00	57.21 0.39 0.00	50.47 0.23 0.00	54.66 0.66 0.00	49.29 1.26 0.00	36.11 0.69 0.00	34.60 0.25 0.00
COFFEEN___115KV_TB3 355620	37.71 1.57 0.00	40.12 1.40 0.00	42.76 1.02 0.00	37.61 0.98 0.00	37.20 1.01 0.00	37.45 0.96 0.00	37.10 1.16 0.00	37.65 1.27 0.00	39.68 1.50 0.00	40.03 1.58 0.00	39.38 1.61 0.00	43.35 1.42 0.00	54.88 2.00 0.00	58.15 2.17 0.00	51.21 1.69 0.00	38.69 0.79 0.00	49.81 0.90 0.00	38.18 0.73 0.00	58.17 1.35 0.00	51.57 1.32 0.00	55.96 1.96 0.00	49.49 1.46 0.00	36.18 0.76 0.00	34.52 0.16 0.00
COLDSPRG_115KV_BK1 355956	37.95 1.81 0.00	40.51 1.80 0.00	43.27 1.54 0.00	37.76 1.13 0.00	37.26 1.07 0.00	37.85 1.36 0.00	37.60 1.67 0.00	37.88 1.50 0.00	40.03 1.86 0.00	40.11 1.66 0.00	39.53 1.76 0.00	43.90 1.97 0.00	55.38 2.50 0.00	58.37 2.39 0.00	51.53 2.01 0.00	39.02 1.12 0.00	50.91 2.00 0.00	38.62 1.18 0.00	58.99 2.17 0.00	52.06 1.81 0.00	56.33 2.33 0.00	50.64 2.62 0.00	37.03 1.61 0.00	35.55 1.20 0.00
COLONIE_LFGE___ 323577	37.69 1.55 0.00	40.54 1.82 0.00	43.86 2.12 0.00	38.50 1.86 0.00	38.06 1.87 0.00	38.25 1.77 0.00	42.54 1.72 -4.88	83.63 1.98 -45.27	45.52 1.70 -5.65	41.39 1.71 -1.23	39.40 1.63 0.00	43.69 1.75 0.00	55.00 2.12 0.00	58.28 2.30 0.00	51.55 2.03 0.00	39.52 1.62 0.00	50.76 1.81 -0.05	38.91 1.46 0.00	58.91 2.09 0.00	52.19 1.95 0.00	62.30 2.29 -6.01	50.16 2.14 0.00	37.14 1.73 0.00	36.09 1.74 0.00
COOPERNY_115KV_TB1 80082	37.13 0.99 0.00	39.87 1.15 0.00	42.94 1.21 0.00	37.69 1.05 0.00	37.27 1.08 0.00	37.53 1.04 0.00	37.00 1.07 0.00	37.57 1.19 0.00	39.24 1.06 0.00	39.56 1.10 0.00	38.96 1.19 0.00	43.35 1.41 0.00	54.70 1.82 0.00	57.98 1.99 0.00	51.38 1.86 0.00	39.35 1.45 0.00	50.55 1.70 0.06	38.70 1.25 0.00	58.45 1.63 0.00	51.78 1.53 0.00	55.69 1.69 0.00	49.49 1.46 0.00	36.58 1.17 0.00	35.59 1.24 0.00
COPENHAGEN_WT_PWR 323753	37.26 1.13 0.00	39.68 0.96 0.00	42.26 0.53 0.00	37.23 0.60 0.00	36.83 0.64 0.00	37.06 0.58 0.00	36.70 0.76 0.00	37.23 0.84 0.00	39.19 1.02 0.00	39.50 1.05 0.00	38.86 1.09 0.00	42.87 0.93 0.00	54.12 1.23 0.00	57.33 1.34 0.00	50.49 0.97 0.00	38.26 0.37 0.00	49.36 0.44 0.00	37.83 0.37 0.00	57.58 0.76 0.00	50.97 0.72 0.00	55.05 1.05 0.00	48.61 0.58 0.00	35.58 0.16 0.00	33.99 -0.36 0.00
CORNELL_____ 23752	37.13 0.99 0.00	39.69 0.97 0.00	42.71 0.98 0.00	37.44 0.81 0.00	37.00 0.81 0.00	37.39 0.90 0.00	36.92 0.98 0.00	37.42 1.04 0.00	39.35 1.18 0.00	39.57 1.12 0.00	38.88 1.11 0.00	43.14 1.20 0.00	54.48 1.60 0.00	57.60 1.62 0.00	51.10 1.58 0.00	38.96 1.06 0.00	50.41 1.50 0.00	38.46 1.01 0.00	58.53 1.71 0.00	51.74 1.49 0.00	55.79 1.79 0.00	49.73 1.70 0.00	36.52 1.10 0.00	35.19 0.84 0.00
CORONAAV_69_KV_TB1 355595	38.38 2.25 0.00	41.31 2.59 0.00	44.44 2.71 0.00	39.10 2.46 0.00	38.68 2.49 0.00	38.83 2.35 0.00	38.40 2.47 0.00	39.10 2.72 0.00	40.58 2.41 0.00	43.51 2.49 -2.57	66.84 2.66 -26.41	70.71 3.05 -25.73	73.58 3.89 -16.80	62.08 4.07 -2.02	53.46 3.94 0.00	41.75 3.13 -0.72	52.72 3.65 -0.16	40.13 2.68 0.00	60.04 3.22 0.00	53.39 3.15 0.00	57.71 3.70 0.00	51.07 3.05 0.00	37.96 2.55 0.00	37.12 2.77 0.00
CORTLAND_115KV_TB3 80093	36.73 0.59 0.00	39.30 0.58 0.00	42.31 0.57 0.00	37.09 0.46 0.00	36.66 0.47 0.00	37.02 0.53 0.00	36.54 0.60 0.00	37.03 0.65 0.00	38.92 0.75 0.00	39.17 0.72 0.00	38.51 0.74 0.00	42.73 0.80 0.00	53.96 1.08 0.00	57.11 1.12 0.00	50.55 1.03 0.00	38.60 0.71 0.00	49.86 0.95 0.00	38.10 0.65 0.00	57.91 1.09 0.00	51.18 0.93 0.00	55.13 1.13 0.00	49.11 1.09 0.00	36.12 0.71 0.00	34.85 0.49 0.00
COXSACKIE___GT 23611	38.82 2.68 0.00	41.68 2.97 0.00	45.16 3.42 0.00	39.60 2.96 0.00	39.12 2.93 0.00	39.37 2.89 0.00	37.22 2.75 1.47	25.73 2.94 13.60	39.01 2.53 1.70	40.48 2.40 0.37	40.03 2.26 0.00	44.44 2.51 0.00	56.29 3.41 0.00	60.86 4.87 0.00	53.23 3.71 0.00	40.66 2.77 0.00	52.08 3.14 -0.03	39.90 2.44 0.00	60.67 3.85 0.00	53.79 3.54 0.00	56.15 3.95 1.80	51.71 3.68 0.00	38.25 2.84 0.00	37.03 2.68 0.00
CPV_VALLEY___CC1 323721	37.16 1.02 0.00	39.93 1.21 0.00	42.97 1.24 0.00	37.71 1.07 0.00	37.33 1.14 0.00	37.55 1.07 0.00	37.08 1.14 0.00	37.68 1.30 0.00	39.27 1.09 0.00	39.56 1.11 0.00	38.99 1.22 0.00	43.38 1.44 0.00	54.73 1.85 0.00	58.05 2.07 0.00	51.52 2.00 0.00	39.47 1.58 0.00	50.57 1.76 0.10	38.74 1.29 0.00	58.42 1.59 0.00	51.72 1.48 0.00	55.67 1.66 0.00	49.44 1.42 0.00	36.63 1.21 0.00	35.68 1.32 0.00

CPV_VALLEY___CC2 323722	37.16 1.02 0.00	39.93 1.21 0.00	42.97 1.24 0.00	37.71 1.07 0.00	37.33 1.14 0.00	37.55 1.07 0.00	37.08 1.14 0.00	37.68 1.30 0.00	39.27 1.09 0.00	39.56 1.11 0.00	38.99 1.22 0.00	43.38 1.44 0.00	54.73 1.85 0.00	58.05 2.07 0.00	51.52 2.00 0.00	39.47 1.58 0.00	50.57 1.76 0.10	38.74 1.29 0.00	58.42 1.59 0.00	51.72 1.48 0.00	55.67 1.66 0.00	49.44 1.42 0.00	36.63 1.21 0.00	35.68 1.32 0.00
CRESCENT___HYD 24018	37.69 1.55 0.00	40.54 1.82 0.00	43.86 2.12 0.00	38.50 1.86 0.00	38.06 1.87 0.00	38.25 1.77 0.00	42.54 1.72 -4.88	83.63 1.98 -45.27	45.52 1.70 -5.65	41.39 1.71 -1.23	39.40 1.63 0.00	43.69 1.75 0.00	55.00 2.12 0.00	58.28 2.30 0.00	51.55 2.03 0.00	39.52 1.62 0.00	50.76 1.81 -0.05	38.91 1.46 0.00	58.91 2.09 0.00	52.19 1.95 0.00	62.30 2.29 -6.01	50.16 2.14 0.00	37.14 1.73 0.00	36.09 1.74 0.00
CRICKET___VALLEY_CC1 323756	37.62 1.48 0.00	40.39 1.67 0.00	43.49 1.75 0.00	38.18 1.55 0.00	37.78 1.60 0.00	37.95 1.47 0.00	37.44 1.51 0.00	38.10 1.71 0.00	39.66 1.48 0.00	40.02 1.56 0.00	39.24 1.47 0.00	43.51 1.58 0.00	54.87 1.98 0.00	58.14 2.16 0.00	51.52 2.00 0.00	39.62 1.73 0.00	50.97 1.95 -0.11	39.02 1.57 0.00	58.80 1.98 0.00	51.98 1.74 0.00	55.93 1.93 0.00	49.70 1.68 0.00	36.91 1.49 0.00	36.01 1.66 0.00
CRICKET___VALLEY_CC2 323757	37.62 1.48 0.00	40.39 1.67 0.00	43.49 1.75 0.00	38.18 1.55 0.00	37.78 1.60 0.00	37.95 1.47 0.00	37.44 1.51 0.00	38.10 1.71 0.00	39.66 1.48 0.00	40.02 1.56 0.00	39.24 1.47 0.00	43.51 1.58 0.00	54.87 1.98 0.00	58.14 2.16 0.00	51.52 2.00 0.00	39.62 1.73 0.00	50.97 1.95 -0.11	39.02 1.57 0.00	58.80 1.98 0.00	51.98 1.74 0.00	55.93 1.93 0.00	49.70 1.68 0.00	36.91 1.49 0.00	36.01 1.66 0.00
CRICKET___VALLEY_CC3 323758	37.62 1.48 0.00	40.39 1.67 0.00	43.49 1.75 0.00	38.18 1.55 0.00	37.78 1.60 0.00	37.95 1.47 0.00	37.44 1.51 0.00	38.10 1.71 0.00	39.66 1.48 0.00	40.02 1.56 0.00	39.24 1.47 0.00	43.51 1.58 0.00	54.87 1.98 0.00	58.14 2.16 0.00	51.52 2.00 0.00	39.62 1.73 0.00	50.97 1.95 -0.11	39.02 1.57 0.00	58.80 1.98 0.00	51.98 1.74 0.00	55.93 1.93 0.00	49.70 1.68 0.00	36.91 1.49 0.00	36.01 1.66 0.00
CRUCIBLE_METL_DRP 24180	36.12 -0.01 0.00	38.65 -0.07 0.00	41.60 -0.14 0.00	36.47 -0.17 0.00	36.02 -0.17 0.00	36.36 -0.12 0.00	35.89 -0.05 0.00	36.36 -0.02 0.00	38.20 0.03 0.00	38.46 0.01 0.00	37.83 0.06 0.00	42.06 0.12 0.00	53.15 0.27 0.00	56.27 0.29 0.00	49.68 0.16 0.00	37.92 0.02 0.00	49.00 0.09 0.00	37.41 -0.04 0.00	56.85 0.03 0.00	50.26 0.01 0.00	54.10 0.10 0.00	48.16 0.14 0.00	35.43 0.01 0.00	34.22 -0.13 0.00
DAHOWA___HYDRO 323763	38.47 2.33 0.00	41.28 2.56 0.00	44.55 2.82 0.00	39.10 2.46 0.00	38.65 2.46 0.00	38.88 2.39 0.00	40.79 2.35 -2.50	62.17 2.60 -23.19	43.49 2.43 -2.89	41.45 2.37 -0.63	39.97 2.20 0.00	44.32 2.38 0.00	55.80 2.92 0.00	59.29 3.31 0.00	52.66 3.14 0.00	40.41 2.51 0.00	51.89 2.93 -0.05	39.68 2.23 0.00	60.23 3.40 0.00	53.20 2.95 0.00	60.51 3.43 -3.08	51.23 3.21 0.00	37.89 2.47 0.00	36.75 2.40 0.00
DANC___LFGE 323619	36.72 0.58 0.00	39.17 0.45 0.00	41.87 0.14 0.00	36.78 0.14 0.00	36.34 0.16 0.00	36.60 0.11 0.00	36.19 0.25 0.00	36.67 0.29 0.00	38.57 0.39 0.00	38.85 0.40 0.00	38.19 0.42 0.00	42.24 0.30 0.00	53.31 0.43 0.00	56.45 0.46 0.00	49.78 0.26 0.00	37.81 -0.09 0.00	48.76 -0.15 0.00	37.36 -0.09 0.00	56.84 0.01 0.00	50.30 0.06 0.00	54.29 0.28 0.00	48.11 0.09 0.00	35.30 -0.12 0.00	33.86 -0.49 0.00
DANSKAMMER___1 23586	38.15 2.02 0.00	40.96 2.24 0.00	44.06 2.32 0.00	38.68 2.04 0.00	38.28 2.09 0.00	38.49 2.00 0.00	38.02 2.08 0.00	38.73 2.35 0.00	40.37 2.20 0.00	40.72 2.27 0.00	40.12 2.35 0.00	44.67 2.73 0.00	56.42 3.54 0.00	59.89 3.91 0.00	53.09 3.57 0.00	40.74 2.84 0.00	52.32 3.38 -0.03	39.96 2.51 0.00	60.22 3.40 0.00	53.26 3.02 0.00	57.31 3.31 0.00	50.88 2.86 0.00	37.68 2.26 0.00	36.67 2.32 0.00
DANSKAMMER___2 23589	38.15 2.02 0.00	40.96 2.24 0.00	44.06 2.32 0.00	38.68 2.04 0.00	38.28 2.09 0.00	38.49 2.00 0.00	38.02 2.08 0.00	38.73 2.35 0.00	40.37 2.20 0.00	40.72 2.27 0.00	40.12 2.35 0.00	44.67 2.73 0.00	56.42 3.54 0.00	59.89 3.91 0.00	53.09 3.57 0.00	40.74 2.84 0.00	52.32 3.38 -0.03	39.96 2.51 0.00	60.22 3.40 0.00	53.26 3.02 0.00	57.31 3.31 0.00	50.88 2.86 0.00	37.68 2.26 0.00	36.67 2.32 0.00
DANSKAMMER___3 23590	38.15 2.02 0.00	40.96 2.24 0.00	44.06 2.32 0.00	38.68 2.04 0.00	38.28 2.09 0.00	38.49 2.00 0.00	38.02 2.08 0.00	38.73 2.35 0.00	40.37 2.20 0.00	40.72 2.27 0.00	40.12 2.35 0.00	44.67 2.73 0.00	56.42 3.54 0.00	59.89 3.91 0.00	53.09 3.57 0.00	40.74 2.84 0.00	52.32 3.38 -0.03	39.96 2.51 0.00	60.22 3.40 0.00	53.26 3.02 0.00	57.31 3.31 0.00	50.88 2.86 0.00	37.68 2.26 0.00	36.67 2.32 0.00
DANSKAMMER___4 23591	38.15 2.02 0.00	40.96 2.24 0.00	44.06 2.32 0.00	38.68 2.04 0.00	38.28 2.09 0.00	38.49 2.00 0.00	38.02 2.08 0.00	38.73 2.35 0.00	40.37 2.20 0.00	40.72 2.27 0.00	40.12 2.35 0.00	44.67 2.73 0.00	56.42 3.54 0.00	59.89 3.91 0.00	53.09 3.57 0.00	40.74 2.84 0.00	52.32 3.38 -0.03	39.96 2.51 0.00	60.22 3.40 0.00	53.26 3.02 0.00	57.31 3.31 0.00	50.88 2.86 0.00	37.68 2.26 0.00	36.67 2.32 0.00
DANSKAMMER___DIESEL 23592	38.15 2.02 0.00	40.97 2.25 0.00	44.06 2.32 0.00	38.68 2.04 0.00	38.28 2.09 0.00	38.49 2.00 0.00	38.02 2.08 0.00	38.73 2.35 0.00	40.37 2.20 0.00	40.71 2.26 0.00	40.12 2.35 0.00	44.66 2.72 0.00	56.42 3.54 0.00	59.89 3.91 0.00	53.09 3.57 0.00	40.74 2.84 0.00	52.33 3.38 -0.03	39.96 2.51 0.00	60.23 3.40 0.00	53.27 3.02 0.00	57.32 3.31 0.00	50.89 2.86 0.00	37.68 2.26 0.00	36.67 2.32 0.00
DARBY___SOLAR 323810	38.34 2.20 0.00	41.15 2.44 0.00	44.43 2.70 0.00	39.00 2.36 0.00	38.54 2.35 0.00	38.77 2.28 0.00	40.98 2.23 -2.81	64.94 2.47 -26.09	43.72 2.29 -3.25	41.38 2.22 -0.71	39.84 2.07 0.00	44.17 2.23 0.00	55.62 2.74 0.00	59.07 3.09 0.00	52.46 2.94 0.00	40.26 2.36 0.00	51.69 2.73 -0.05	39.55 2.10 0.00	59.97 3.15 0.00	53.02 2.77 0.00	60.69 3.22 -3.46	51.04 3.02 0.00	37.75 2.33 0.00	36.62 2.27 0.00
DASHVILLE___HYD 23610	37.49 1.35 0.00	40.26 1.54 0.00	43.32 1.59 0.00	38.05 1.41 0.00	37.66 1.47 0.00	37.87 1.38 0.00	37.03 1.48 0.38	34.65 1.82 3.54	39.35 1.61 0.44	39.96 1.61 0.10	39.51 1.74 0.00	43.95 2.01 0.00	55.43 2.55 0.00	58.83 2.85 0.00	52.27 2.75 0.00	40.15 2.25 0.00	51.43 2.52 0.00	39.20 1.75 0.00	59.06 2.24 0.00	52.29 2.05 0.00	55.77 2.24 0.47	49.87 1.84 0.00	36.99 1.57 0.00	36.04 1.68 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	39.75 3.62 0.00	42.72 4.01 0.00	46.34 4.60 0.00	41.03 4.39 0.00	40.52 4.33 0.00	40.46 3.98 0.00	40.27 4.33 0.00	41.11 4.73 0.00	42.54 4.37 0.00	45.67 4.65 -2.57	69.41 5.21 -26.42	123.70 5.99 -75.77	142.27 7.12 -82.27	64.76 6.75 -2.03	92.31 6.50 -36.29	69.08 5.25 -25.94	87.16 6.30 -31.94	77.71 4.58 -35.69	82.96 5.94 -20.19	79.98 5.81 -23.92	156.47 7.27 -95.19	56.35 6.25 -2.08	40.59 4.84 -0.33	39.58 4.87 -0.36
DELAWARE___LFGE 323621	37.24 1.10 0.00	39.94 1.23 0.00	43.20 1.46 0.00	37.90 1.26 0.00	37.47 1.28 0.00	37.77 1.29 0.00	37.12 1.18 0.00	37.63 1.25 0.00	39.44 1.26 0.00	39.73 1.28 0.00	39.09 1.32 0.00	43.43 1.49 0.00	54.77 1.89 0.00	57.96 1.98 0.00	51.21 1.69 0.00	39.17 1.27 0.00	50.53 1.62 0.00	38.67 1.22 0.00	58.57 1.74 0.00	51.83 1.58 0.00	55.75 1.75 0.00	49.63 1.60 0.00	36.62 1.21 0.00	35.50 1.15 0.00
DERFIELD_115KV_TB7 355931	36.17 0.03 0.00	38.76 0.04 0.00	41.81 0.07 0.00	36.71 0.07 0.00	36.26 0.07 0.00	36.56 0.07 0.00	35.98 0.04 0.00	36.45 0.07 0.00	38.21 0.04 0.00	38.49 0.04 0.00	37.82 0.04 0.00	42.00 0.07 0.00	52.93 0.05 0.00	56.06 0.07 0.00	49.57 0.05 0.00	37.95 0.05 0.00	48.95 0.04 0.00	37.48 0.02 0.00	56.84 0.01 0.00	50.29 0.05 0.00	54.06 0.06 0.00	48.12 0.09 0.00	35.49 0.07 0.00	34.42 0.06 0.00
DOGLEVILLE___HYD 23807	36.16 0.02 0.00	38.84 0.13 0.00	42.15 0.41 0.00	36.98 0.34 0.00	36.56 0.37 0.00	36.80 0.32 0.00	36.12 0.19 0.00	36.80 0.42 0.00	38.15 -0.02 0.00	38.50 0.04 0.00	37.84 0.06 0.00	42.05 0.11 0.00	53.08 0.20 0.00	56.31 0.33 0.00	49.82 0.30 0.00	38.05 0.15 0.00	49.09 0.17 0.00	37.34 -0.11 0.00	56.33 -0.49 0.00	49.93 -0.32 0.00	54.02 0.01 0.00	48.31 0.28 0.00	35.70 0.28 0.00	34.58 0.22 0.00
DUNKIRK___115KV_TB_200 55889	37.32 1.18 0.00	39.77 1.05 0.00	42.39 0.66 0.00	37.05 0.41 0.00	36.56 0.37 0.00	37.13 0.64 0.00	36.87 0.94 0.00	37.06 0.68 0.00	39.19 1.02 0.00	39.20 0.74 0.00	38.62 0.84 0.00	42.88 0.94 0.00	54.08 1.20 0.00	57.11 1.13 0.00	50.46 0.95 0.00	38.21 0.31 0.00	49.95 1.04 0.00	37.91 0.46 0.00	58.01 1.18 0.00	51.21 0.96 0.00	55.44 1.43 0.00	49.90 1.88 0.00	36.54 1.12 0.00	34.98 0.63 0.00
DUNKIRK___1 23563	37.32 1.18 0.00	39.77 1.05 0.00	42.39 0.66 0.00	37.05 0.41 0.00	36.56 0.37 0.00	37.13 0.64 0.00	36.87 0.94 0.00	37.06 0.68 0.00	39.19 1.02 0.00	39.20 0.74 0.00	38.62 0.84 0.00	42.88 0.94 0.00	54.08 1.20 0.00	57.11 1.13 0.00	50.46 0.95 0.00	38.21 0.31 0.00	49.95 1.04 0.00	37.91 0.46 0.00	58.01 1.18 0.00	51.21 0.96 0.00	55.44 1.43 0.00	49.90 1.88 0.00	36.54 1.12 0.00	34.98 0.63 0.00
DUNKIRK___2 23564	37.32 1.18 0.00	39.77 1.05 0.00	42.39 0.66 0.00	37.05 0.41 0.00	36.56 0.37 0.00	37.13 0.64 0.00	36.87 0.94 0.00	37.06 0.68 0.00	39.19 1.02 0.00	39.20 0.74 0.00	38.62 0.84 0.00	42.88 0.94 0.00	54.08 1.20 0.00	57.11 1.13 0.00	50.46 0.95 0.00	38.21 0.31 0.00	49.95 1.04 0.00	37.91 0.46 0.00	58.01 1.18 0.00	51.21 0.96 0.00	55.44 1.43 0.00	49.90 1.88 0.00	36.54 1.12 0.00	34.98 0.63 0.00
DUNKIRK___3 23565	37.04 0.90 0.00	39.51 0.79 0.00	42.12 0.39 0.00	36.80 0.16 0.00	36.31 0.12 0.00	36.85 0.37 0.00	36.57 0.64 0.00	36.75 0.37 0.00	38.83 0.65 0.00	38.83 0.38 0.00	38.23 0.46 0.00	42.47 0.53 0.00	53.56 0.67 0.00	56.52 0.54 0.00	49.91 0.39 0.00	37.85 -0.05 0.00	49.46 0.55 0.00	37.56 0.11 0.00	57.47 0.64 0.00	50.71 0.46 0.00	54.91 0.91 0.00	49.46 1.44 0.00	36.25 0.84 0.00	34.74 0.39 0.00
DUNKIRK___4 23566	37.04 0.90 0.00	39.51 0.79 0.00	42.12 0.39 0.00	36.80 0.16 0.00	36.31 0.12 0.00	36.85 0.37 0.00	36.57 0.64 0.00	36.75 0.37 0.00	38.83 0.65 0.00	38.83 0.38 0.00	38.23 0.46 0.00	42.47 0.53 0.00	53.56 0.67 0.00	56.52 0.54 0.00	49.91 0.39 0.00	37.85 -0.05 0.00	49.46 0.55 0.00	37.56 0.11 0.00	57.47 0.64 0.00	50.71 0.46 0.00	54.91 0.91 0.00	49.46 1.44 0.00	36.25 0.84 0.00	34.74 0.39 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.82 1.69 0.00	40.71 1.99 0.00	43.73 2.00 0.00	38.43 1.79 0.00	38.07 1.88 0.00	38.28 1.80 0.00	37.87 1.94 0.00	38.53 2.15 0.00	40.05 1.87 0.00	40.36 1.91 0.00	39.78 2.01 0.00	44.28 2.34 0.00	55.89 3.01 0.00	59.29 3.31 0.00	52.64 3.12 0.00	40.40 2.50 0.00	51.94 2.86 -0.16	39.56 2.11 0.00	59.50 2.67 0.00	52.67 2.42 0.00	56.69 2.69 0.00	50.31 2.28 0.00	37.33 1.91 0.00	36.42 2.07 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.74 1.60 0.00	40.53 1.81 0.00	43.59 1.86 0.00	38.25 1.62 0.00	37.86 1.67 0.00	38.09 1.60 0.00	37.63 1.70 0.00	38.37 1.99 0.00	40.00 1.83 0.00	40.32 1.87 0.00	39.74 1.97 0.00	44.23 2.29 0.00	55.87 2.99 0.00	59.27 3.29 0.00	52.48 2.96 0.00	40.24 2.34 0.00	51.60 2.72 0.04	39.45 2.00 0.00	59.48 2.66 0.00	52.65 2.41 0.00	56.66 2.66 0.00	50.31 2.29 0.00	37.26 1.84 0.00	36.28 1.93 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	37.81 1.67 0.00	40.72 2.00 0.00	43.59 1.86 0.00	38.35 1.71 0.00	38.06 1.87 0.00	38.25 1.77 0.00	37.87 1.93 0.00	38.44 2.06 0.00	39.91 1.73 0.00	40.19 1.74 0.00	39.69 1.92 0.00	44.27 2.33 0.00	55.77 2.89 0.00	59.17 3.19 0.00	52.53 3.01 0.00	40.29 2.39 0.00	51.82 2.75 -0.16	39.47 2.02 0.00	59.33 2.51 0.00	52.56 2.32 0.00	56.52 2.52 0.00	50.10 2.09 0.00	37.22 1.80 0.00	36.36 2.01 0.00
E179THST_13_KV_LOAD 356214	38.06 1.92 0.00	40.98 2.26 0.00	43.85 2.12 0.00	38.58 1.95 0.00	38.28 2.09 0.00	38.48 1.99 0.00	38.10 2.17 0.00	38.69 2.31 0.00	40.18 2.00 0.00	40.47 2.02 0.00	39.97 2.20 0.00	44.58 2.65 0.00	56.18 3.29 0.00	59.61 3.62 0.00	52.92 3.40 0.00	40.58 2.68 0.00	52.21 3.14 -0.16	39.74 2.29 0.00	59.76 2.94 0.00	52.94 2.70 0.00	56.91 2.90 0.00	50.47 2.45 0.00	37.49 2.07 0.00	36.61 2.26 0.00
EAST HAMPTON___GT 23717	40.51 4.37 0.00	43.51 4.79 0.00	47.15 5.42 0.00	41.73 5.09 0.00	41.21 5.02 0.00	41.17 4.69 0.00	40.99 5.05 0.00	41.87 5.49 0.00	43.45 5.28 0.00	46.53 5.51 -2.57	70.30 6.10 -26.42	124.67 6.95 -75.78	143.10 7.94 -82.28	65.74 7.73 -2.03	93.23 7.40 -36.31	69.80 5.96 -25.95	88.11 7.24 -31.96	78.42 5.26 -35.70	83.90 6.87 -20.20	80.78 6.60 -23.93	157.57 8.36 -95.21	57.43 7.33 -2.08	41.36 5.61 -0.33	40.30 5.59 -0.36
EAST RIVER___6 23660	37.87 1.73 0.00	40.77 2.05 0.00	43.72 1.99 0.00	38.46 1.83 0.00	38.13 1.94 0.00	38.31 1.83 0.00	37.98 2.04 0.00	38.67 2.28 0.00	40.17 2.00 0.00	40.50 2.06 0.00	39.92 2.15 0.00	44.48 2.54 0.00	56.16 3.27 0.00	59.58 3.60 0.00	52.93 3.41 0.00	40.60 2.70 0.00	52.18 3.10 -0.16	39.75 2.30 0.00	59.71 2.88 0.00	52.87 2.63 0.00	56.85 2.84 0.00	50.39 2.37 0.00	37.44 2.03 0.00	36.52 2.16 0.00

EAST_RIVER___7 23524	37.87 1.73 0.00	40.77 2.05 0.00	43.72 1.99 0.00	38.46 1.83 0.00	38.13 1.94 0.00	38.31 1.83 0.00	37.98 2.04 0.00	38.67 2.28 0.00	40.17 2.00 0.00	40.50 2.06 0.00	39.92 2.15 0.00	44.48 2.54 0.00	56.16 3.27 0.00	59.58 3.60 0.00	52.93 3.41 0.00	40.60 2.70 0.00	52.18 3.10 -0.16	39.75 2.30 0.00	59.71 2.88 0.00	52.87 2.63 0.00	56.85 2.84 0.00	50.39 2.37 0.00	37.44 2.03 0.00	36.52 2.16 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.77 1.63 0.00	40.63 1.91 0.00	43.66 1.92 0.00	38.35 1.72 0.00	37.99 1.80 0.00	38.20 1.72 0.00	37.79 1.86 0.00	38.45 2.07 0.00	39.97 1.79 0.00	40.28 1.83 0.00	39.70 1.93 0.00	44.19 2.25 0.00	55.75 2.87 0.00	59.16 3.18 0.00	52.53 3.01 0.00	40.30 2.40 0.00	51.82 2.74 -0.17	39.48 2.03 0.00	59.39 2.56 0.00	52.57 2.32 0.00	56.58 2.58 0.00	50.22 2.19 0.00	37.25 1.84 0.00	36.35 1.99 0.00
EAST_HAMPTON___DIESEL 23722	40.51 4.37 0.00	43.51 4.79 0.00	47.15 5.42 0.00	41.73 5.10 0.00	41.21 5.02 0.00	41.18 4.69 0.00	40.99 5.05 0.00	41.87 5.49 0.00	43.46 5.28 0.00	46.55 5.53 -2.57	70.31 6.11 -26.42	124.68 6.96 -75.78	143.15 7.98 -82.28	65.79 7.78 -2.03	93.28 7.44 -36.31	69.83 5.99 -25.95	88.15 7.29 -31.96	78.45 5.29 -35.70	83.93 6.91 -20.20	80.80 6.63 -23.93	157.60 8.38 -95.21	57.45 7.35 -2.08	41.37 5.62 -0.33	40.30 5.59 -0.36
EAST_PULASKI___ESR 323781	36.09 -0.04 0.00	38.61 -0.10 0.00	41.42 -0.31 0.00	36.30 -0.34 0.00	35.85 -0.34 0.00	36.14 -0.34 0.00	35.68 -0.26 0.00	36.09 -0.29 0.00	37.89 -0.29 0.00	38.13 -0.32 0.00	37.49 -0.28 0.00	41.57 -0.37 0.00	52.45 -0.43 0.00	55.55 -0.43 0.00	49.03 -0.49 0.00	37.32 -0.57 0.00	48.16 -0.75 0.00	36.88 -0.58 0.00	56.04 -0.79 0.00	49.59 -0.65 0.00	53.46 -0.54 0.00	47.65 -0.37 0.00	35.04 -0.38 0.00	33.76 -0.59 0.00
EAST_RIVER___1 323558	37.77 1.63 0.00	40.69 1.97 0.00	43.65 1.91 0.00	38.38 1.75 0.00	38.05 1.87 0.00	38.26 1.78 0.00	37.90 1.96 0.00	38.57 2.18 0.00	40.05 1.88 0.00	40.36 1.90 0.00	39.80 2.03 0.00	44.33 2.39 0.00	55.96 3.08 0.00	59.38 3.39 0.00	52.74 3.22 0.00	40.46 2.56 0.00	52.00 2.92 -0.16	39.58 2.13 0.00	59.49 2.66 0.00	52.66 2.41 0.00	56.65 2.64 0.00	50.23 2.21 0.00	37.31 1.89 0.00	36.42 2.06 0.00
EAST_RIVER___2 323559	37.87 1.73 0.00	40.77 2.05 0.00	43.72 1.99 0.00	38.46 1.83 0.00	38.13 1.94 0.00	38.31 1.83 0.00	37.98 2.04 0.00	38.67 2.28 0.00	40.17 2.00 0.00	40.50 2.06 0.00	39.92 2.15 0.00	44.48 2.54 0.00	56.16 3.27 0.00	59.58 3.60 0.00	52.93 3.41 0.00	40.60 2.70 0.00	52.18 3.10 -0.16	39.75 2.30 0.00	59.71 2.88 0.00	52.87 2.63 0.00	56.85 2.84 0.00	50.39 2.37 0.00	37.44 2.03 0.00	36.52 2.16 0.00
EAST___DELAWARE_HYD 23607	37.29 1.15 0.00	39.93 1.21 0.00	42.91 1.17 0.00	37.62 0.99 0.00	37.22 1.03 0.00	37.46 0.97 0.00	36.98 1.04 0.00	37.80 1.42 0.00	40.30 2.13 0.00	40.64 2.19 0.00	40.33 2.56 0.00	44.98 3.05 0.00	56.79 3.91 0.00	58.92 2.94 0.00	52.37 2.85 0.00	40.13 2.24 0.00	51.43 2.55 0.03	39.28 1.82 0.00	59.31 2.48 0.00	52.58 2.33 0.00	56.75 2.74 0.00	51.71 3.69 0.00	37.73 2.31 0.00	36.66 2.31 0.00
EIGHT_POINT___WT_PWR 323820	37.27 1.13 0.00	39.74 1.03 0.00	42.39 0.65 0.00	37.16 0.53 0.00	36.72 0.53 0.00	37.22 0.74 0.00	36.80 0.86 0.00	37.06 0.68 0.00	39.18 1.01 0.00	39.36 0.90 0.00	38.73 0.96 0.00	42.95 1.02 0.00	54.09 1.21 0.00	56.48 0.50 0.00	49.91 0.39 0.00	38.07 0.17 0.00	49.63 0.72 0.00	37.63 0.18 0.00	57.75 0.92 0.00	51.16 0.92 0.00	55.56 1.55 0.00	49.93 1.91 0.00	36.56 1.14 0.00	35.09 0.73 0.00
ELBRIDGE_115KV_TB2 80188	36.06 -0.08 0.00	38.59 -0.13 0.00	41.53 -0.20 0.00	36.39 -0.24 0.00	35.96 -0.23 0.00	36.31 -0.18 0.00	35.84 -0.10 0.00	36.29 -0.09 0.00	38.14 -0.03 0.00	38.39 -0.06 0.00	37.68 -0.09 0.00	41.90 -0.03 0.00	52.94 0.06 0.00	55.94 -0.04 0.00	49.45 -0.07 0.00	37.76 -0.14 0.00	48.75 -0.16 0.00	37.29 -0.16 0.00	56.74 -0.08 0.00	50.11 -0.14 0.00	54.00 -0.01 0.00	48.08 0.05 0.00	35.35 -0.07 0.00	34.16 -0.19 0.00
ELEC_TRO_TEK 24086	38.19 2.05 0.00	41.10 2.38 0.00	44.23 2.50 0.00	38.91 2.28 0.00	38.50 2.31 0.00	38.65 2.16 0.00	38.25 2.31 0.00	38.96 2.58 0.00	40.43 2.26 0.00	43.39 2.37 -2.57	66.68 2.50 -26.41	70.53 2.84 -25.75	73.29 3.60 -16.81	61.73 3.72 -2.02	53.13 3.61 0.00	41.51 2.89 -0.72	52.36 3.29 -0.16	39.85 2.40 0.00	59.67 2.85 0.00	53.09 2.85 0.00	57.38 3.38 0.00	50.81 2.79 0.00	37.78 2.37 0.00	36.92 2.57 0.00
ELLENBURG_WT_PWR 323604	36.36 0.22 0.00	38.84 0.12 0.00	41.67 -0.06 0.00	36.65 0.02 0.00	36.13 -0.06 0.00	36.55 0.07 0.00	36.12 0.19 0.00	36.70 0.32 0.00	38.64 0.46 0.00	38.95 0.50 0.00	38.30 0.53 0.00	42.48 0.54 0.00	53.54 0.65 0.00	56.40 0.42 0.00	50.01 0.49 0.00	38.47 0.58 0.00	49.81 0.90 0.00	38.17 0.72 0.00	58.05 1.23 0.00	51.15 0.90 0.00	54.89 0.89 0.00	48.66 0.64 0.00	35.80 0.39 0.00	34.74 0.38 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.66 0.52 0.00	39.11 0.39 0.00	41.67 -0.07 0.00	36.38 -0.25 0.00	35.90 -0.29 0.00	36.37 -0.12 0.00	36.05 0.11 0.00	36.14 -0.24 0.00	38.16 -0.02 0.00	38.18 -0.27 0.00	37.55 -0.22 0.00	41.71 -0.23 0.00	52.56 -0.32 0.00	55.45 -0.53 0.00	48.87 -0.65 0.00	37.14 -0.76 0.00	48.60 -0.31 0.00	36.94 -0.51 0.00	56.52 -0.31 0.00	49.88 -0.36 0.00	54.05 0.04 0.00	48.80 0.78 0.00	35.77 0.35 0.00	34.33 -0.02 0.00
EMPIRE_CC_1 323656	37.14 1.00 0.00	39.96 1.24 0.00	43.25 1.52 0.00	38.00 1.36 0.00	37.57 1.38 0.00	37.75 1.27 0.00	33.70 1.13 3.36	6.52 1.29 31.15	35.21 0.92 3.88	38.58 0.97 0.84	38.66 0.89 0.00	42.86 0.92 0.00	53.92 1.04 0.00	57.10 1.12 0.00	50.45 0.93 0.00	38.69 0.79 0.00	49.74 0.77 -0.06	38.14 0.69 0.00	57.68 0.85 0.00	51.16 0.91 0.00	51.04 1.17 4.13	49.16 1.14 0.00	36.46 1.04 0.00	35.49 1.14 0.00
EMPIRE_CC_2 323658	37.14 1.00 0.00	39.96 1.24 0.00	43.25 1.52 0.00	38.00 1.36 0.00	37.57 1.38 0.00	37.75 1.27 0.00	33.70 1.13 3.36	6.52 1.29 31.15	35.21 0.92 3.88	38.58 0.97 0.84	38.66 0.89 0.00	42.86 0.92 0.00	53.92 1.04 0.00	57.10 1.12 0.00	50.45 0.93 0.00	38.69 0.79 0.00	49.74 0.77 -0.06	38.14 0.69 0.00	57.68 0.85 0.00	51.16 0.91 0.00	51.04 1.17 4.13	49.16 1.14 0.00	36.46 1.04 0.00	35.49 1.14 0.00
ENORWICH_115KV_TB1 80156	38.99 2.85 0.00	41.45 2.73 0.00	44.71 2.97 0.00	39.31 2.67 0.00	38.89 2.70 0.00	39.38 2.89 0.00	39.04 3.11 0.00	39.55 3.17 0.00	41.68 3.51 0.00	41.79 3.33 0.00	41.21 3.44 0.00	45.66 3.72 0.00	57.62 4.74 0.00	60.89 4.90 0.00	53.76 4.23 0.00	40.99 3.09 0.00	53.69 4.77 0.00	40.83 3.38 0.00	62.27 5.44 0.00	54.88 4.63 0.00	59.19 5.18 0.00	52.79 4.76 0.00	38.59 3.17 0.00	36.96 2.61 0.00

ERIE_ST__34_KV_TB1-2 80199	37.07 0.93 0.00	39.54 0.82 0.00	42.13 0.40 0.00	36.78 0.15 0.00	36.27 0.08 0.00	36.76 0.27 0.00	36.46 0.52 0.00	36.62 0.23 0.00	38.68 0.50 0.00	38.75 0.30 0.00	38.14 0.37 0.00	42.37 0.43 0.00	53.44 0.56 0.00	56.39 0.41 0.00	49.79 0.27 0.00	37.86 -0.04 0.00	49.53 0.62 0.00	37.59 0.13 0.00	57.47 0.65 0.00	50.70 0.45 0.00	54.88 0.87 0.00	49.46 1.44 0.00	36.22 0.80 0.00	34.72 0.37 0.00
ERIE_WT_PWR 323693	36.89 0.76 0.00	39.33 0.61 0.00	41.93 0.19 0.00	36.61 -0.03 0.00	36.11 -0.08 0.00	36.59 0.10 0.00	36.27 0.34 0.00	36.40 0.02 0.00	38.41 0.24 0.00	38.42 -0.03 0.00	37.84 0.07 0.00	42.02 0.08 0.00	52.99 0.11 0.00	55.90 -0.08 0.00	49.28 -0.24 0.00	37.44 -0.46 0.00	48.99 0.07 0.00	37.22 -0.23 0.00	56.93 0.10 0.00	50.24 -0.01 0.00	54.44 0.43 0.00	49.14 1.12 0.00	36.02 0.60 0.00	34.53 0.18 0.00
ESPRGFLD_115KV_TB1 80157	38.58 2.44 0.00	41.21 2.50 0.00	44.29 2.55 0.00	38.83 2.20 0.00	38.37 2.18 0.00	38.77 2.29 0.00	38.30 2.36 0.00	38.76 2.37 0.00	40.99 2.81 0.00	41.28 2.82 0.00	40.66 2.88 0.00	45.06 3.12 0.00	56.86 3.98 0.00	60.12 4.14 0.00	53.15 3.64 0.00	40.67 2.78 0.00	52.82 3.88 -0.02	40.40 2.95 0.00	61.39 4.57 0.00	54.10 3.85 0.00	57.96 3.96 0.00	51.56 3.54 0.00	37.83 2.41 0.00	36.51 2.16 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.07 0.93 0.00	39.64 0.92 0.00	42.66 0.92 0.00	37.39 0.76 0.00	36.95 0.77 0.00	37.34 0.86 0.00	36.87 0.93 0.00	37.36 0.98 0.00	39.29 1.11 0.00	39.50 1.04 0.00	38.81 1.03 0.00	43.06 1.12 0.00	54.38 1.50 0.00	57.50 1.52 0.00	50.99 1.47 0.00	38.88 0.99 0.00	50.30 1.39 0.00	38.40 0.95 0.00	58.43 1.60 0.00	51.64 1.40 0.00	55.69 1.68 0.00	49.63 1.61 0.00	36.46 1.04 0.00	35.14 0.79 0.00
ETNA____115KV_TB2 80207	37.07 0.93 0.00	39.64 0.92 0.00	42.66 0.92 0.00	37.39 0.76 0.00	36.95 0.77 0.00	37.34 0.86 0.00	36.87 0.93 0.00	37.36 0.98 0.00	39.29 1.11 0.00	39.50 1.04 0.00	38.81 1.03 0.00	43.06 1.12 0.00	54.38 1.50 0.00	57.50 1.52 0.00	50.99 1.47 0.00	38.88 0.99 0.00	50.30 1.39 0.00	38.40 0.95 0.00	58.43 1.60 0.00	51.64 1.40 0.00	55.69 1.68 0.00	49.63 1.61 0.00	36.46 1.04 0.00	35.14 0.79 0.00
EUCLID____115KV_TB2 356179	35.72 -0.41 0.00	38.21 -0.51 0.00	41.12 -0.62 0.00	36.05 -0.58 0.00	35.61 -0.58 0.00	35.92 -0.57 0.00	35.45 -0.49 0.00	35.91 -0.48 0.00	37.72 -0.45 0.00	37.97 -0.48 0.00	37.34 -0.43 0.00	41.48 -0.46 0.00	52.37 -0.51 0.00	55.46 -0.52 0.00	48.97 -0.55 0.00	37.39 -0.51 0.00	48.33 -0.59 0.00	36.96 -0.49 0.00	56.12 -0.71 0.00	49.63 -0.62 0.00	53.41 -0.59 0.00	47.56 -0.46 0.00	35.00 -0.42 0.00	33.83 -0.52 0.00
E_CANADA_CAP_HY 24051	39.25 3.11 0.00	41.92 3.20 0.00	44.99 3.26 0.00	39.44 2.80 0.00	38.97 2.78 0.00	39.38 2.89 0.00	38.91 2.98 0.00	39.38 2.99 0.00	41.63 3.45 0.00	41.89 3.43 0.00	41.22 3.45 0.00	45.58 3.64 0.00	57.46 4.58 0.00	60.79 4.80 0.00	53.76 4.25 0.00	41.27 3.37 0.00	53.55 4.61 -0.03	41.05 3.60 0.00	62.42 5.60 0.00	54.90 4.65 0.00	58.79 4.79 0.00	52.38 4.36 0.00	38.44 3.02 0.00	37.10 2.74 0.00
E_CANADA_MHWK_HY 24050	36.16 0.02 0.00	38.84 0.13 0.00	42.15 0.41 0.00	36.98 0.34 0.00	36.56 0.37 0.00	36.80 0.32 0.00	36.12 0.19 0.00	36.80 0.42 0.00	38.15 -0.02 0.00	38.50 0.04 0.00	37.84 0.06 0.00	42.05 0.11 0.00	53.08 0.20 0.00	56.31 0.33 0.00	49.82 0.30 0.00	38.05 0.15 0.00	49.09 0.17 0.00	37.34 -0.11 0.00	56.33 -0.49 0.00	49.93 -0.32 0.00	54.02 0.01 0.00	48.31 0.28 0.00	35.70 0.28 0.00	34.58 0.22 0.00
E_FISHKILL____LBMP 23776	37.62 1.48 0.00	40.45 1.73 0.00	43.53 1.80 0.00	38.24 1.60 0.00	37.85 1.66 0.00	38.06 1.57 0.00	37.58 1.65 0.00	38.21 1.83 0.00	39.76 1.58 0.00	40.08 1.63 0.00	39.44 1.67 0.00	43.85 1.91 0.00	55.31 2.43 0.00	58.64 2.65 0.00	52.02 2.50 0.00	39.92 2.02 0.00	51.33 2.29 -0.12	39.18 1.73 0.00	59.01 2.19 0.00	52.24 1.99 0.00	56.23 2.22 0.00	49.93 1.91 0.00	37.05 1.64 0.00	36.12 1.77 0.00
FALCON____SEABRD_CC1 323796	36.85 0.71 0.00	39.42 0.70 0.00	42.17 0.44 0.00	37.12 0.49 0.00	36.58 0.39 0.00	37.01 0.52 0.00	36.61 0.68 0.00	37.26 0.87 0.00	39.16 0.99 0.00	39.48 1.03 0.00	38.86 1.09 0.00	43.09 1.15 0.00	54.37 1.48 0.00	57.18 1.19 0.00	50.72 1.20 0.00	39.08 1.19 0.00	50.55 1.64 0.00	38.77 1.32 0.00	58.93 2.10 0.00	51.90 1.66 0.00	55.74 1.74 0.00	49.42 1.39 0.00	36.37 0.95 0.00	35.25 0.89 0.00
FALCON____SEABRD_CC2 323797	36.85 0.71 0.00	39.42 0.70 0.00	42.17 0.44 0.00	37.12 0.49 0.00	36.58 0.39 0.00	37.01 0.52 0.00	36.61 0.68 0.00	37.26 0.87 0.00	39.16 0.99 0.00	39.48 1.03 0.00	38.86 1.09 0.00	43.09 1.15 0.00	54.37 1.48 0.00	57.18 1.19 0.00	50.72 1.20 0.00	39.08 1.19 0.00	50.55 1.64 0.00	38.77 1.32 0.00	58.93 2.10 0.00	51.90 1.66 0.00	55.74 1.74 0.00	49.42 1.39 0.00	36.37 0.95 0.00	35.25 0.89 0.00
FAR ROCKAWAY____4 23548	38.45 2.31 0.00	41.43 2.71 0.00	44.57 2.84 0.00	39.20 2.57 0.00	38.78 2.59 0.00	38.93 2.45 0.00	38.50 2.57 0.00	39.23 2.85 0.00	40.71 2.54 0.00	43.60 2.58 -2.57	66.99 2.81 -26.41	70.88 3.22 -25.73	73.87 4.19 -16.80	62.37 4.37 -2.02	53.73 4.21 0.00	41.98 3.36 -0.72	53.02 3.95 -0.16	40.37 2.93 0.00	60.37 3.54 0.00	53.65 3.40 0.00	57.98 3.97 0.00	51.26 3.24 0.00	38.07 2.65 0.00	37.24 2.89 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.78 1.65 0.00	40.71 2.00 0.00	43.67 1.94 0.00	38.41 1.77 0.00	38.09 1.90 0.00	38.29 1.80 0.00	37.93 2.00 0.00	38.59 2.21 0.00	40.07 1.90 0.00	40.37 1.92 0.00	39.81 2.04 0.00	44.35 2.41 0.00	55.96 3.08 0.00	59.38 3.40 0.00	52.74 3.22 0.00	40.46 2.57 0.00	52.01 2.93 -0.16	39.59 2.14 0.00	59.52 2.69 0.00	52.68 2.43 0.00	56.66 2.65 0.00	50.24 2.22 0.00	37.32 1.91 0.00	36.42 2.07 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.83 1.69 0.00	40.76 2.04 0.00	43.71 1.98 0.00	38.45 1.81 0.00	38.12 1.93 0.00	38.32 1.84 0.00	37.97 2.03 0.00	38.62 2.24 0.00	40.10 1.92 0.00	40.40 1.94 0.00	39.84 2.07 0.00	44.37 2.43 0.00	56.01 3.13 0.00	59.43 3.45 0.00	52.79 3.27 0.00	40.50 2.60 0.00	52.05 2.98 -0.16	39.63 2.18 0.00	59.58 2.75 0.00	52.73 2.48 0.00	56.71 2.70 0.00	50.30 2.28 0.00	37.37 1.95 0.00	36.47 2.11 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.76 1.62 0.00	40.68 1.97 0.00	43.64 1.91 0.00	38.39 1.75 0.00	38.07 1.88 0.00	38.27 1.79 0.00	37.90 1.97 0.00	38.57 2.19 0.00	40.05 1.87 0.00	40.35 1.90 0.00	39.78 2.01 0.00	44.31 2.37 0.00	55.91 3.03 0.00	59.34 3.36 0.00	52.70 3.18 0.00	40.44 2.54 0.00	51.97 2.89 -0.16	39.56 2.11 0.00	59.48 2.65 0.00	52.64 2.39 0.00	56.60 2.60 0.00	50.20 2.18 0.00	37.30 1.88 0.00	36.40 2.05 0.00

FARRAGUT___LBMP 323566	37.72 1.59 0.00	40.65 1.94 0.00	43.61 1.88 0.00	38.35 1.72 0.00	38.03 1.84 0.00	38.23 1.75 0.00	37.86 1.93 0.00	38.51 2.13 0.00	39.99 1.82 0.00	40.29 1.84 0.00	39.72 1.95 0.00	44.24 2.31 0.00	55.85 2.97 0.00	59.26 3.28 0.00	52.63 3.11 0.00	40.38 2.49 0.00	51.90 2.82 -0.16	39.51 2.05 0.00	59.40 2.57 0.00	52.58 2.33 0.00	56.55 2.54 0.00	50.15 2.13 0.00	37.26 1.84 0.00	36.36 2.01 0.00
FENNER___WINDPWR 24204	36.90 0.76 0.00	39.45 0.73 0.00	42.55 0.81 0.00	37.32 0.69 0.00	36.86 0.67 0.00	37.20 0.72 0.00	36.73 0.79 0.00	37.24 0.86 0.00	39.14 0.96 0.00	39.47 1.02 0.00	38.88 1.11 0.00	43.16 1.22 0.00	54.45 1.57 0.00	57.64 1.66 0.00	51.00 1.48 0.00	39.02 1.12 0.00	50.31 1.40 0.00	38.45 0.99 0.00	58.41 1.58 0.00	51.64 1.40 0.00	55.62 1.62 0.00	49.45 1.43 0.00	36.31 0.89 0.00	35.01 0.66 0.00
FIBERTEK___ENERGY 23856	36.12 -0.01 0.00	38.65 -0.07 0.00	41.60 -0.14 0.00	36.47 -0.17 0.00	36.02 -0.17 0.00	36.36 -0.12 0.00	35.89 -0.05 0.00	36.36 -0.02 0.00	38.20 0.03 0.00	38.46 0.01 0.00	37.83 0.06 0.00	42.06 0.12 0.00	53.15 0.27 0.00	56.27 0.29 0.00	49.68 0.16 0.00	37.92 0.02 0.00	49.00 0.09 0.00	37.41 -0.04 0.00	56.85 0.03 0.00	50.26 0.01 0.00	54.10 0.10 0.00	48.16 0.14 0.00	35.43 0.01 0.00	34.22 -0.13 0.00
FITZPATRICK____ 23598	35.11 -1.02 0.00	37.59 -1.13 0.00	40.46 -1.28 0.00	35.49 -1.15 0.00	35.05 -1.14 0.00	35.34 -1.14 0.00	34.87 -1.06 0.00	35.31 -1.08 0.00	37.07 -1.10 0.00	37.31 -1.14 0.00	36.67 -1.11 0.00	40.72 -1.22 0.00	51.39 -1.49 0.00	54.38 -1.61 0.00	48.06 -1.46 0.00	36.73 -1.16 0.00	47.47 -1.44 0.00	36.31 -1.14 0.00	55.16 -1.67 0.00	48.77 -1.48 0.00	52.47 -1.54 0.00	46.73 -1.29 0.00	34.41 -1.00 0.00	33.30 -1.06 0.00
FLOWRFLD_69_KV_BK1 356044	38.92 2.79 0.00	41.84 3.12 0.00	45.21 3.48 0.00	39.89 3.25 0.00	39.42 3.23 0.00	39.45 2.96 0.00	39.18 3.24 0.00	40.01 3.64 0.00	41.46 3.29 0.00	44.52 3.50 -2.57	67.94 3.75 -26.43	134.61 4.13 -88.55	155.49 5.07 -97.53	63.09 5.08 -2.03	114.95 4.81 -60.62	78.27 3.75 -36.62	106.46 4.31 -53.24	100.22 3.16 -59.61	91.33 3.87 -30.63	89.32 3.98 -35.10	185.49 4.91 -126.58	54.93 4.14 -2.77	39.35 3.50 -0.44	38.50 3.67 -0.48
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.23 2.09 0.00	41.05 2.33 0.00	44.15 2.42 0.00	38.77 2.13 0.00	38.37 2.18 0.00	38.58 2.09 0.00	38.13 2.19 0.00	38.84 2.46 0.00	40.48 2.31 0.00	40.83 2.38 0.00	40.24 2.46 0.00	44.79 2.85 0.00	56.61 3.73 0.00	60.09 4.11 0.00	53.27 3.75 0.00	40.88 2.98 0.00	52.49 3.53 -0.04	40.08 2.63 0.00	60.40 3.57 0.00	53.42 3.17 0.00	57.47 3.47 0.00	51.01 2.98 0.00	37.77 2.35 0.00	36.75 2.40 0.00
FORT ORANGE____ 23900	36.80 0.66 0.00	39.62 0.90 0.00	42.89 1.16 0.00	37.65 1.01 0.00	37.23 1.04 0.00	37.43 0.95 0.00	34.32 0.83 2.45	14.66 0.95 22.67	35.86 0.51 2.83	38.40 0.57 0.61	38.26 0.49 0.00	42.47 0.54 0.00	53.53 0.65 0.00	56.95 0.97 0.00	50.25 0.73 0.00	38.45 0.56 0.00	49.33 0.37 -0.05	37.87 0.43 0.00	57.29 0.47 0.00	50.79 0.55 0.00	51.70 0.70 3.01	48.85 0.83 0.00	36.20 0.78 0.00	35.20 0.85 0.00
FORT_DRUM_COGEN 23780	37.42 1.28 0.00	39.82 1.11 0.00	42.47 0.74 0.00	37.38 0.75 0.00	36.96 0.77 0.00	37.19 0.71 0.00	36.82 0.89 0.00	37.37 0.99 0.00	39.35 1.17 0.00	39.67 1.23 0.00	39.03 1.26 0.00	43.01 1.07 0.00	54.37 1.48 0.00	57.59 1.61 0.00	50.75 1.23 0.00	38.44 0.55 0.00	49.53 0.62 0.00	37.97 0.51 0.00	57.82 0.99 0.00	51.20 0.95 0.00	55.40 1.40 0.00	48.97 0.95 0.00	35.83 0.41 0.00	34.23 -0.12 0.00
FPL FAR_ROCK_GT1 24212	38.45 2.31 0.00	41.43 2.71 0.00	44.58 2.84 0.00	39.20 2.57 0.00	38.78 2.59 0.00	38.93 2.45 0.00	38.51 2.57 0.00	39.23 2.85 0.00	40.71 2.54 0.00	43.60 2.58 -2.57	66.99 2.81 -26.41	70.89 3.23 -25.73	73.87 4.19 -16.80	62.38 4.37 -2.02	53.74 4.22 0.00	41.98 3.37 -0.72	53.02 3.94 -0.16	40.38 2.93 0.00	60.36 3.54 0.00	53.65 3.40 0.00	57.99 3.98 0.00	51.27 3.24 0.00	38.07 2.65 0.00	37.24 2.89 0.00
FPL FAR_ROCK_GT2 23815	38.45 2.31 0.00	41.43 2.71 0.00	44.58 2.84 0.00	39.20 2.57 0.00	38.78 2.59 0.00	38.93 2.45 0.00	38.51 2.57 0.00	39.23 2.85 0.00	40.71 2.54 0.00	43.60 2.58 -2.57	66.99 2.81 -26.41	70.89 3.23 -25.73	73.87 4.19 -16.80	62.38 4.37 -2.02	53.74 4.22 0.00	41.98 3.37 -0.72	53.02 3.94 -0.16	40.38 2.93 0.00	60.36 3.54 0.00	53.65 3.40 0.00	57.99 3.98 0.00	51.27 3.24 0.00	38.07 2.65 0.00	37.24 2.89 0.00
FRANKLIN_FALL_HYD 24054	36.69 0.55 0.00	39.09 0.37 0.00	41.98 0.24 0.00	36.89 0.25 0.00	36.29 0.10 0.00	36.69 0.20 0.00	36.21 0.28 0.00	36.81 0.43 0.00	38.80 0.63 0.00	39.15 0.69 0.00	38.49 0.72 0.00	42.59 0.65 0.00	53.76 0.88 0.00	56.67 0.69 0.00	50.29 0.77 0.00	38.63 0.73 0.00	50.04 1.13 0.00	38.27 0.82 0.00	58.24 1.41 0.00	51.30 1.06 0.00	55.18 1.17 0.00	48.87 0.85 0.00	35.91 0.50 0.00	34.77 0.42 0.00
FREEPORT_EQUS_GT1 23764	38.45 2.32 0.00	41.42 2.70 0.00	44.57 2.84 0.00	39.21 2.58 0.00	38.79 2.60 0.00	38.93 2.44 0.00	38.53 2.60 0.00	39.29 2.91 0.00	40.71 2.53 0.00	43.61 2.59 -2.57	66.84 2.66 -26.41	70.81 3.05 -25.82	73.59 3.88 -16.83	62.01 4.01 -2.02	53.41 3.89 0.00	41.73 3.12 -0.72	52.68 3.60 -0.16	40.07 2.62 0.00	59.89 3.07 0.00	53.33 3.08 0.00	57.67 3.66 0.00	51.18 3.16 0.00	38.13 2.71 0.00	37.30 2.95 0.00
FREEPORT___CT2 23818	38.45 2.32 0.00	41.42 2.70 0.00	44.57 2.84 0.00	39.21 2.58 0.00	38.79 2.60 0.00	38.93 2.44 0.00	38.53 2.60 0.00	39.29 2.91 0.00	40.71 2.53 0.00	43.61 2.59 -2.57	66.84 2.66 -26.41	70.81 3.05 -25.82	73.59 3.88 -16.83	62.01 4.01 -2.02	53.41 3.89 0.00	41.73 3.12 -0.72	52.68 3.60 -0.16	40.07 2.62 0.00	59.89 3.07 0.00	53.33 3.08 0.00	57.67 3.66 0.00	51.18 3.16 0.00	38.13 2.71 0.00	37.30 2.95 0.00
FRESHKLS_33_KV_LOAD 356253	37.84 1.70 0.00	40.90 2.19 0.00	43.59 1.86 0.00	38.52 1.89 0.00	38.23 2.04 0.00	38.44 1.95 0.00	38.07 2.14 0.00	38.60 2.22 0.00	40.03 1.85 0.00	40.25 1.80 0.00	39.69 1.92 0.00	44.27 2.34 0.00	55.88 2.99 0.00	59.32 3.34 0.00	145.43 3.16 -92.76	40.35 2.44 -0.01	51.91 2.83 -0.17	39.52 2.07 0.00	90.04 2.56 -30.65	228.13 2.31 -175.58	68.75 2.46 -12.29	65.44 2.03 -15.39	101.69 1.75 -64.53	36.33 1.97 -0.01
FULTON COGEN____ 23766	35.54 -0.59 0.00	38.05 -0.67 0.00	40.95 -0.78 0.00	35.92 -0.71 0.00	35.50 -0.69 0.00	35.81 -0.68 0.00	35.33 -0.61 0.00	35.75 -0.64 0.00	37.52 -0.65 0.00	37.74 -0.71 0.00	37.13 -0.64 0.00	41.24 -0.70 0.00	52.09 -0.79 0.00	55.20 -0.78 0.00	48.70 -0.82 0.00	37.18 -0.72 0.00	48.06 -0.85 0.00	36.74 -0.71 0.00	55.80 -1.03 0.00	49.36 -0.89 0.00	53.09 -0.91 0.00	47.36 -0.67 0.00	34.86 -0.55 0.00	33.70 -0.66 0.00

FULTON___LFGE 323630	40.02 3.89 0.00	42.76 4.04 0.00	46.07 4.33 0.00	40.34 3.71 0.00	39.82 3.63 0.00	40.22 3.73 0.00	39.66 3.72 0.00	40.21 3.83 0.00	41.97 3.79 0.00	42.68 4.23 0.00	41.99 4.22 0.00	45.91 3.97 0.00	58.36 5.48 0.00	62.46 6.48 0.00	55.79 6.27 0.00	43.44 5.54 0.00	56.07 7.13 -0.04	42.00 4.55 0.00	63.57 6.75 0.00	55.77 5.52 0.00	60.32 6.32 0.00	53.64 5.62 0.00	39.38 3.96 0.00	37.97 3.62 0.00
G.F.CEMENT___DRP 24184	38.78 2.64 0.00	41.58 2.87 0.00	44.78 3.05 0.00	39.30 2.67 0.00	38.85 2.67 0.00	39.08 2.59 0.00	40.48 2.58 -1.97	57.52 2.88 -18.25	43.27 2.82 -2.28	41.68 2.74 -0.49	40.29 2.52 0.00	44.69 2.75 0.00	56.29 3.40 0.00	59.89 3.90 0.00	53.09 3.57 0.00	40.84 2.94 0.00	52.35 3.40 -0.05	39.96 2.51 0.00	60.75 3.92 0.00	53.55 3.30 0.00	60.30 3.87 -2.42	51.73 3.70 0.00	38.21 2.79 0.00	37.02 2.67 0.00
GARDENVILLE___LBMP 24039	36.76 0.63 0.00	39.21 0.50 0.00	41.79 0.06 0.00	36.49 -0.15 0.00	36.00 -0.19 0.00	36.47 -0.02 0.00	36.16 0.23 0.00	36.27 -0.12 0.00	38.30 0.12 0.00	38.32 -0.13 0.00	37.70 -0.07 0.00	41.86 -0.07 0.00	52.78 -0.10 0.00	55.68 -0.30 0.00	49.10 -0.42 0.00	37.30 -0.60 0.00	48.79 -0.12 0.00	37.08 -0.37 0.00	56.74 -0.09 0.00	50.08 -0.17 0.00	54.25 0.24 0.00	48.96 0.94 0.00	35.90 0.48 0.00	34.44 0.09 0.00
GARDNVLA_35_KV_LD 355827	36.95 0.81 0.00	39.39 0.68 0.00	41.96 0.22 0.00	36.63 0.00 0.00	36.14 -0.05 0.00	36.62 0.14 0.00	36.31 0.37 0.00	36.43 0.05 0.00	38.47 0.30 0.00	38.51 0.06 0.00	37.91 0.14 0.00	42.10 0.16 0.00	53.09 0.21 0.00	56.05 0.07 0.00	49.42 -0.10 0.00	37.57 -0.33 0.00	49.15 0.24 0.00	37.35 -0.10 0.00	57.14 0.31 0.00	50.41 0.16 0.00	54.58 0.58 0.00	49.23 1.21 0.00	36.09 0.67 0.00	34.59 0.24 0.00
GELCKHM___115KV_LOAD 80723	35.88 -0.25 0.00	38.39 -0.32 0.00	41.31 -0.43 0.00	36.22 -0.42 0.00	35.76 -0.43 0.00	36.09 -0.40 0.00	35.62 -0.31 0.00	36.08 -0.30 0.00	37.90 -0.27 0.00	38.16 -0.29 0.00	37.53 -0.24 0.00	41.69 -0.24 0.00	52.67 -0.21 0.00	55.76 -0.22 0.00	49.23 -0.30 0.00	37.58 -0.32 0.00	48.57 -0.34 0.00	37.12 -0.33 0.00	56.39 -0.43 0.00	49.86 -0.39 0.00	53.67 -0.33 0.00	47.79 -0.23 0.00	35.15 -0.26 0.00	33.97 -0.38 0.00
GENERAL___MILLS 23808	36.86 0.72 0.00	39.31 0.59 0.00	41.88 0.15 0.00	36.57 -0.07 0.00	36.08 -0.11 0.00	36.56 0.07 0.00	36.24 0.30 0.00	36.36 -0.03 0.00	38.38 0.21 0.00	38.41 -0.04 0.00	37.81 0.04 0.00	41.99 0.05 0.00	52.94 0.06 0.00	55.86 -0.12 0.00	49.26 -0.26 0.00	37.42 -0.48 0.00	48.98 0.06 0.00	37.21 -0.24 0.00	56.93 0.10 0.00	50.23 -0.01 0.00	54.42 0.41 0.00	49.10 1.08 0.00	36.00 0.58 0.00	34.52 0.17 0.00
GE_PLASTICS___DRP 24183	36.90 0.77 0.00	39.69 0.97 0.00	42.99 1.26 0.00	37.75 1.11 0.00	37.33 1.14 0.00	37.54 1.06 0.00	35.13 0.90 1.71	21.44 0.91 15.86	36.69 0.49 1.98	38.56 0.54 0.43	38.24 0.47 0.00	42.44 0.50 0.00	53.45 0.57 0.00	56.67 0.69 0.00	50.03 0.51 0.00	38.34 0.44 0.00	49.26 0.31 -0.05	37.81 0.36 0.00	57.16 0.33 0.00	50.67 0.42 0.00	52.61 0.71 2.10	48.96 0.94 0.00	36.31 0.89 0.00	35.31 0.96 0.00
GILBOA___1 23756	37.06 0.92 0.00	39.91 1.19 0.00	43.55 1.82 0.00	38.23 1.60 0.00	37.81 1.62 0.00	38.02 1.54 0.00	37.00 1.07 0.00	37.51 1.13 0.00	39.13 0.95 0.00	39.43 0.97 0.00	38.72 0.95 0.00	42.99 1.05 0.00	54.16 1.28 0.00	57.23 1.24 0.00	50.44 0.93 0.00	38.65 0.75 0.00	49.69 0.75 -0.03	38.11 0.66 0.00	57.66 0.84 0.00	51.24 0.99 0.00	55.23 1.22 0.00	49.19 1.16 0.00	36.41 0.99 0.00	35.43 1.08 0.00
GILBOA___2 23757	37.06 0.92 0.00	39.91 1.19 0.00	43.55 1.82 0.00	38.23 1.60 0.00	37.81 1.62 0.00	38.02 1.54 0.00	37.00 1.07 0.00	37.51 1.13 0.00	39.13 0.95 0.00	39.43 0.97 0.00	38.72 0.95 0.00	42.99 1.05 0.00	54.16 1.28 0.00	57.23 1.24 0.00	50.44 0.93 0.00	38.65 0.75 0.00	49.69 0.75 -0.03	38.11 0.66 0.00	57.66 0.84 0.00	51.24 0.99 0.00	55.23 1.22 0.00	49.19 1.16 0.00	36.41 0.99 0.00	35.43 1.08 0.00
GILBOA___3 23758	37.06 0.92 0.00	39.91 1.19 0.00	43.55 1.82 0.00	38.23 1.60 0.00	37.81 1.62 0.00	38.02 1.54 0.00	37.00 1.07 0.00	37.51 1.13 0.00	39.13 0.95 0.00	39.43 0.97 0.00	38.72 0.95 0.00	42.99 1.05 0.00	54.16 1.28 0.00	57.23 1.24 0.00	50.44 0.93 0.00	38.65 0.75 0.00	49.69 0.75 -0.03	38.11 0.66 0.00	57.66 0.84 0.00	51.24 0.99 0.00	55.23 1.22 0.00	49.19 1.16 0.00	36.41 0.99 0.00	35.43 1.08 0.00
GILBOA___4 23759	37.06 0.92 0.00	39.91 1.19 0.00	43.55 1.82 0.00	38.23 1.60 0.00	37.81 1.62 0.00	38.02 1.54 0.00	37.00 1.07 0.00	37.51 1.13 0.00	39.13 0.95 0.00	39.43 0.97 0.00	38.72 0.95 0.00	42.99 1.05 0.00	54.16 1.28 0.00	57.23 1.24 0.00	50.44 0.93 0.00	38.65 0.75 0.00	49.69 0.75 -0.03	38.11 0.66 0.00	57.66 0.84 0.00	51.24 0.99 0.00	55.23 1.22 0.00	49.19 1.16 0.00	36.41 0.99 0.00	35.43 1.08 0.00
GILBOA___ 23599	37.06 0.92 0.00	39.91 1.19 0.00	43.56 1.82 0.00	38.23 1.59 0.00	37.81 1.62 0.00	38.02 1.54 0.00	37.01 1.07 0.00	37.51 1.13 0.00	39.13 0.96 0.00	39.42 0.97 0.00	38.72 0.95 0.00	42.99 1.05 0.00	54.16 1.28 0.00	57.23 1.24 0.00	50.44 0.92 0.00	38.65 0.75 0.00	49.69 0.76 -0.03	38.11 0.66 0.00	57.67 0.84 0.00	51.24 0.99 0.00	55.22 1.22 0.00	49.19 1.17 0.00	36.41 0.99 0.00	35.42 1.07 0.00
GINNA___ 23603	35.01 -1.13 0.00	37.36 -1.35 0.00	39.96 -1.77 0.00	34.94 -1.70 0.00	34.48 -1.71 0.00	34.86 -1.62 0.00	34.52 -1.42 0.00	34.90 -1.48 0.00	36.80 -1.37 0.00	37.01 -1.44 0.00	36.39 -1.38 0.00	40.36 -1.57 0.00	50.87 -2.01 0.00	53.78 -2.21 0.00	47.45 -2.07 0.00	36.23 -1.67 0.00	47.10 -1.81 0.00	35.98 -1.47 0.00	54.90 -1.93 0.00	48.48 -1.76 0.00	52.20 -1.81 0.00	46.63 -1.40 0.00	34.16 -1.26 0.00	32.86 -1.50 0.00
GLEN PARK___ 23778	37.61 1.47 0.00	40.01 1.30 0.00	42.65 0.92 0.00	37.54 0.90 0.00	37.11 0.92 0.00	37.36 0.88 0.00	37.01 1.08 0.00	37.56 1.18 0.00	39.56 1.39 0.00	39.92 1.46 0.00	39.27 1.50 0.00	43.25 1.31 0.00	54.70 1.82 0.00	57.97 1.99 0.00	51.04 1.52 0.00	38.60 0.70 0.00	49.72 0.80 0.00	38.10 0.64 0.00	58.02 1.20 0.00	51.44 1.19 0.00	55.78 1.78 0.00	49.32 1.30 0.00	36.07 0.65 0.00	34.42 0.07 0.00
GLENDALE_27_KV_LOAD 356172	37.91 1.77 0.00	40.90 2.18 0.00	43.80 2.06 0.00	38.55 1.91 0.00	38.24 2.05 0.00	38.45 1.97 0.00	38.11 2.17 0.00	38.73 2.35 0.00	40.18 2.01 0.00	40.43 1.97 0.00	39.90 2.13 0.00	44.46 2.52 0.00	56.12 3.24 0.00	59.56 3.58 0.00	52.86 3.34 0.00	40.54 2.64 0.00	52.12 3.04 -0.16	39.67 2.22 0.00	58.97 2.79 0.65	47.38 2.54 5.41	51.42 2.76 5.34	43.63 2.31 6.69	34.67 1.95 2.69	36.50 2.15 0.00

GLENWOOD_IC_1_G5 23712	37.99 1.86 0.00	40.88 2.16 0.00	43.95 2.22 0.00	38.66 2.02 0.00	38.25 2.07 0.00	38.43 1.94 0.00	38.05 2.11 0.00	38.75 2.37 0.00	40.27 2.10 0.00	43.24 2.22 -2.57	66.60 2.41 -26.41	70.55 2.79 -25.82	73.28 3.56 -16.83	61.81 3.80 -2.02	53.16 3.63 0.00	41.52 2.90 -0.72	52.42 3.35 -0.16	39.89 2.44 0.00	59.76 2.93 0.00	53.03 2.79 0.00	57.21 3.21 0.00	50.68 2.65 0.00	37.60 2.18 0.00	36.69 2.34 0.00
GLENWOOD_IC_2_G1 23688	38.00 1.86 0.00	40.89 2.17 0.00	43.97 2.23 0.00	38.65 2.01 0.00	38.27 2.08 0.00	38.46 1.97 0.00	38.05 2.12 0.00	38.75 2.36 0.00	40.25 2.07 0.00	43.17 2.14 -2.57	66.48 2.30 -26.41	70.32 2.65 -25.73	73.07 3.38 -16.80	61.62 3.62 -2.02	52.96 3.44 0.00	41.37 2.75 -0.72	52.23 3.15 -0.16	39.77 2.31 0.00	59.69 2.87 0.00	52.94 2.69 0.00	57.08 3.08 0.00	50.59 2.57 0.00	37.55 2.14 0.00	36.65 2.30 0.00
GLENWOOD_IC_3_G1 23689	38.00 1.86 0.00	40.89 2.17 0.00	43.97 2.23 0.00	38.65 2.01 0.00	38.27 2.08 0.00	38.46 1.97 0.00	38.05 2.12 0.00	38.75 2.36 0.00	40.25 2.07 0.00	43.17 2.14 -2.57	66.48 2.30 -26.41	70.32 2.65 -25.73	73.07 3.38 -16.80	61.62 3.62 -2.02	52.96 3.44 0.00	41.37 2.75 -0.72	52.23 3.15 -0.16	39.77 2.31 0.00	59.69 2.87 0.00	52.94 2.69 0.00	57.08 3.08 0.00	50.59 2.57 0.00	37.55 2.14 0.00	36.65 2.30 0.00
GLENWOOD___4 23550	38.09 1.96 0.00	40.98 2.26 0.00	44.06 2.33 0.00	38.75 2.11 0.00	38.35 2.16 0.00	38.53 2.04 0.00	38.14 2.20 0.00	38.86 2.47 0.00	40.37 2.19 0.00	43.33 2.31 -2.57	66.70 2.51 -26.41	70.65 2.89 -25.82	73.41 3.70 -16.83	61.95 3.94 -2.02	53.28 3.76 0.00	41.61 3.00 -0.72	52.55 3.47 -0.16	39.98 2.53 0.00	59.91 3.08 0.00	53.16 2.91 0.00	57.35 3.35 0.00	50.80 2.78 0.00	37.69 2.27 0.00	36.78 2.43 0.00
GLENWOOD___5 23614	38.09 1.96 0.00	40.98 2.26 0.00	44.06 2.33 0.00	38.75 2.11 0.00	38.35 2.16 0.00	38.53 2.04 0.00	38.14 2.20 0.00	38.86 2.47 0.00	40.37 2.19 0.00	43.33 2.31 -2.57	66.70 2.51 -26.41	70.65 2.89 -25.82	73.41 3.70 -16.83	61.95 3.94 -2.02	53.28 3.76 0.00	41.61 3.00 -0.72	52.55 3.47 -0.16	39.98 2.53 0.00	59.91 3.08 0.00	53.16 2.91 0.00	57.35 3.35 0.00	50.80 2.78 0.00	37.69 2.27 0.00	36.78 2.43 0.00
GLOBAL GREEN_PORT_GT1 23814	40.38 4.25 0.00	43.38 4.66 0.00	47.00 5.27 0.00	41.61 4.97 0.00	41.10 4.91 0.00	41.05 4.57 0.00	40.86 4.92 0.00	41.75 5.37 0.00	43.30 5.13 0.00	46.43 5.41 -2.57	70.14 5.95 -26.42	124.42 6.68 -75.79	142.38 7.20 -82.30	64.96 6.95 -2.03	92.52 6.66 -36.34	69.24 5.39 -25.95	87.42 6.53 -31.98	77.97 4.79 -35.74	83.18 6.14 -20.21	80.14 5.95 -23.94	157.20 7.97 -95.23	57.31 7.20 -2.08	41.29 5.54 -0.33	40.22 5.51 -0.36
GLOBE___DSASP 323697	35.67 -0.47 0.00	38.05 -0.67 0.00	40.49 -1.25 0.00	35.36 -1.27 0.00	34.89 -1.30 0.00	35.31 -1.17 0.00	34.97 -0.97 0.00	34.93 -1.45 0.00	36.88 -1.29 0.00	36.74 -1.71 0.00	36.01 -1.76 0.00	39.98 -1.96 0.00	50.35 -2.53 0.00	53.11 -2.87 0.00	46.72 -2.80 0.00	35.54 -2.36 0.00	46.56 -2.35 0.00	35.43 -2.02 0.00	54.18 -2.64 0.00	47.85 -2.40 0.00	51.96 -2.04 0.00	47.10 -0.92 0.00	34.55 -0.87 0.00	33.52 -0.83 0.00
GOETHSLN___LBMP 323567	37.49 1.35 0.00	35.95 1.67 4.43	39.79 1.56 3.50	38.08 1.45 0.01	37.79 1.60 0.01	37.99 1.51 0.01	37.62 1.68 0.00	37.82 1.88 0.44	38.56 1.54 1.15	37.69 1.57 2.32	36.09 1.71 3.39	39.38 2.02 4.58	54.91 2.61 0.58	57.67 2.92 1.22	52.34 2.82 0.00	39.50 2.26 0.65	47.73 2.51 3.69	39.05 1.83 0.22	58.69 2.28 0.41	52.33 2.08 0.00	56.28 2.27 0.00	49.88 1.86 0.00	37.06 1.64 0.00	36.17 1.82 0.00
GOLAH___69_KV_TB 1_2 80279	36.91 0.77 0.00	39.41 0.69 0.00	42.11 0.37 0.00	36.81 0.17 0.00	36.36 0.17 0.00	36.77 0.29 0.00	36.44 0.51 0.00	36.74 0.36 0.00	38.91 0.73 0.00	39.06 0.60 0.00	38.37 0.60 0.00	42.56 0.62 0.00	53.52 0.64 0.00	56.50 0.52 0.00	49.74 0.22 0.00	37.94 0.05 0.00	49.49 0.57 0.00	37.70 0.24 0.00	57.60 0.78 0.00	50.94 0.69 0.00	54.88 0.88 0.00	49.25 1.22 0.00	36.11 0.69 0.00	34.70 0.35 0.00
GOODYEAR_LAKE_HYD 323669	37.78 1.64 0.00	40.45 1.74 0.00	43.65 1.91 0.00	38.28 1.64 0.00	37.84 1.65 0.00	38.19 1.71 0.00	37.59 1.66 0.00	38.11 1.73 0.00	40.09 1.91 0.00	40.39 1.94 0.00	39.77 2.00 0.00	44.17 2.24 0.00	55.75 2.87 0.00	58.98 2.99 0.00	52.11 2.59 0.00	39.82 1.92 0.00	51.52 2.61 0.00	39.37 1.92 0.00	59.69 2.87 0.00	52.76 2.51 0.00	56.66 2.66 0.00	50.43 2.41 0.00	37.12 1.70 0.00	35.91 1.56 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.60 0.47 0.00	39.22 0.50 0.00	42.23 0.50 0.00	37.02 0.38 0.00	36.59 0.40 0.00	36.98 0.49 0.00	36.48 0.54 0.00	36.94 0.56 0.00	38.80 0.62 0.00	38.99 0.54 0.00	38.39 0.61 0.00	42.61 0.67 0.00	53.82 0.94 0.00	56.94 0.96 0.00	50.34 0.82 0.00	38.41 0.52 0.00	49.68 0.77 0.00	37.90 0.45 0.00	57.62 0.80 0.00	50.90 0.66 0.00	54.83 0.83 0.00	48.93 0.91 0.00	36.05 0.63 0.00	34.79 0.44 0.00
GOUDEY___7 23579	36.65 0.51 0.00	39.26 0.54 0.00	42.28 0.54 0.00	37.05 0.42 0.00	36.63 0.44 0.00	37.01 0.53 0.00	36.52 0.58 0.00	36.98 0.60 0.00	38.85 0.67 0.00	39.04 0.59 0.00	38.44 0.67 0.00	42.67 0.73 0.00	53.90 1.02 0.00	57.03 1.04 0.00	50.41 0.89 0.00	38.47 0.57 0.00	49.77 0.86 0.00	37.96 0.51 0.00	57.69 0.87 0.00	50.96 0.71 0.00	54.91 0.90 0.00	48.99 0.97 0.00	36.09 0.67 0.00	34.83 0.48 0.00
GOUDEY___8 23580	36.60 0.47 0.00	39.22 0.50 0.00	42.23 0.50 0.00	37.02 0.38 0.00	36.59 0.40 0.00	36.98 0.49 0.00	36.48 0.54 0.00	36.94 0.56 0.00	38.80 0.62 0.00	38.99 0.54 0.00	38.39 0.61 0.00	42.61 0.67 0.00	53.82 0.94 0.00	56.94 0.96 0.00	50.34 0.82 0.00	38.41 0.52 0.00	49.68 0.77 0.00	37.90 0.45 0.00	57.62 0.80 0.00	50.90 0.66 0.00	54.83 0.83 0.00	48.93 0.91 0.00	36.05 0.63 0.00	34.79 0.44 0.00
GOWANUS_GT1_1 24077	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01
GOWANUS_GT1_2 24078	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01

GOWANUS_GT1_3 24079	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01
GOWANUS_GT1_4 24080	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01
GOWANUS_GT1_5 24084	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01
GOWANUS_GT1_6 24111	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01
GOWANUS_GT1_7 24112	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01
GOWANUS_GT1_8 24113	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01
GOWANUS_GT2_1 24114	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
GOWANUS_GT2_2 24115	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
GOWANUS_GT2_3 24116	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
GOWANUS_GT2_4 24117	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
GOWANUS_GT2_5 24118	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
GOWANUS_GT2_6 24119	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
GOWANUS_GT2_7 24120	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
GOWANUS_GT2_8 24121	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
GOWANUS_GT3_1 24122	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01

GOWANUS_GT3_2 24123	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
GOWANUS_GT3_3 24124	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
GOWANUS_GT3_4 24125	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
GOWANUS_GT3_5 24126	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
GOWANUS_GT3_6 24127	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
GOWANUS_GT3_7 24128	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
GOWANUS_GT3_8 24129	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
GOWANUS_GT4_1 24130	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01
GOWANUS_GT4_2 24131	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01
GOWANUS_GT4_3 24132	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01
GOWANUS_GT4_4 24133	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01
GOWANUS_GT4_5 24134	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01
GOWANUS_GT4_6 24135	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01
GOWANUS_GT4_7 24136	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01
GOWANUS_GT4_8 24137	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01

GREENBSH_115KV_TB3 55895	36.79 0.65 0.00	39.57 0.85 0.00	42.85 1.11 0.00	37.61 0.98 0.00	37.19 1.01 0.00	37.40 0.92 0.00	34.14 0.79 2.58	13.37 0.92 23.93	35.68 0.49 2.98	38.36 0.56 0.65	38.26 0.49 0.00	42.47 0.53 0.00	53.50 0.61 0.00	56.74 0.76 0.00	50.07 0.55 0.00	38.36 0.46 0.00	49.27 0.31 -0.05	37.81 0.36 0.00	57.16 0.33 0.00	50.67 0.42 0.00	51.44 0.61 3.18	48.73 0.71 0.00	36.13 0.71 0.00	35.14 0.79 0.00
GREENDGE_115KV_TB5 80291	36.74 0.61 0.00	39.23 0.51 0.00	42.01 0.28 0.00	36.79 0.16 0.00	36.35 0.16 0.00	36.81 0.33 0.00	36.46 0.53 0.00	36.94 0.56 0.00	38.99 0.82 0.00	39.13 0.68 0.00	38.54 0.77 0.00	42.76 0.82 0.00	54.06 1.18 0.00	57.06 1.08 0.00	50.31 0.79 0.00	38.26 0.36 0.00	49.67 0.76 0.00	37.86 0.41 0.00	57.79 0.97 0.00	51.11 0.86 0.00	55.15 1.14 0.00	49.27 1.25 0.00	36.14 0.72 0.00	34.70 0.35 0.00
GREENIDGE___3 23582	36.74 0.61 0.00	39.23 0.51 0.00	42.01 0.28 0.00	36.79 0.16 0.00	36.35 0.16 0.00	36.81 0.33 0.00	36.46 0.53 0.00	36.94 0.56 0.00	38.99 0.82 0.00	39.13 0.68 0.00	38.54 0.77 0.00	42.76 0.82 0.00	54.06 1.18 0.00	57.06 1.08 0.00	50.31 0.79 0.00	38.26 0.36 0.00	49.67 0.76 0.00	37.86 0.41 0.00	57.79 0.97 0.00	51.11 0.86 0.00	55.15 1.14 0.00	49.27 1.25 0.00	36.14 0.72 0.00	34.70 0.35 0.00
GREENIDGE___4 23583	36.74 0.61 0.00	39.23 0.51 0.00	42.02 0.28 0.00	36.80 0.16 0.00	36.35 0.16 0.00	36.81 0.33 0.00	36.46 0.53 0.00	36.94 0.56 0.00	38.99 0.82 0.00	39.12 0.67 0.00	38.54 0.77 0.00	42.77 0.83 0.00	54.05 1.17 0.00	57.06 1.08 0.00	50.30 0.78 0.00	38.26 0.36 0.00	49.67 0.76 0.00	37.86 0.41 0.00	57.79 0.97 0.00	51.11 0.86 0.00	55.15 1.14 0.00	49.27 1.25 0.00	36.14 0.72 0.00	34.70 0.35 0.00
GREENLWN_69_KV_BK 3 55738	38.38 2.24 0.00	41.27 2.55 0.00	44.46 2.72 0.00	39.16 2.52 0.00	38.73 2.54 0.00	38.84 2.36 0.00	38.50 2.56 0.00	39.30 2.92 0.00	40.77 2.60 0.00	43.78 2.76 -2.57	67.09 2.91 -26.41	61.44 3.33 -16.18	60.81 4.12 -3.80	61.95 3.95 -2.02	36.59 3.79 16.72	34.48 3.10 6.52	37.84 3.41 14.48	23.46 2.45 16.44	52.43 2.73 7.12	45.58 2.90 7.57	36.77 3.81 21.04	50.55 2.98 0.46	37.93 2.58 0.07	37.10 2.83 0.08
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.13 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01
GRISSOM___SOLAR 323813	40.02 3.89 0.00	42.76 4.04 0.00	46.07 4.33 0.00	40.34 3.71 0.00	39.82 3.63 0.00	40.22 3.73 0.00	39.66 3.72 0.00	40.21 3.83 0.00	41.97 3.79 0.00	42.68 4.23 0.00	41.99 4.22 0.00	45.91 3.97 0.00	58.36 5.48 0.00	62.46 6.48 0.00	55.79 6.27 0.00	43.44 5.54 0.00	56.07 7.13 -0.04	42.00 4.55 0.00	63.57 6.75 0.00	55.77 5.52 0.00	60.32 6.32 0.00	53.64 5.62 0.00	39.38 3.96 0.00	37.97 3.62 0.00
GROVEVILLE___HYD 323602	38.23 2.09 0.00	41.05 2.33 0.00	44.15 2.42 0.00	38.77 2.13 0.00	38.37 2.18 0.00	38.58 2.09 0.00	38.13 2.19 0.00	38.84 2.46 0.00	40.48 2.31 0.00	40.83 2.38 0.00	40.24 2.46 0.00	44.79 2.85 0.00	56.61 3.73 0.00	60.09 3.49 0.00	53.27 3.75 0.00	40.88 2.98 0.00	52.49 3.53 -0.04	40.08 2.63 0.00	60.40 3.57 0.00	53.42 3.17 0.00	57.47 3.47 0.00	51.01 2.98 0.00	37.77 2.35 0.00	36.75 2.40 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.12 -0.01 0.00	38.65 -0.07 0.00	41.60 -0.14 0.00	36.47 -0.17 0.00	36.02 -0.17 0.00	36.36 -0.12 0.00	35.89 -0.05 0.00	36.36 -0.02 0.00	38.20 0.03 0.00	38.46 0.01 0.00	37.83 0.06 0.00	42.06 0.12 0.00	53.15 0.27 0.00	56.27 0.29 0.00	49.68 0.16 0.00	37.92 0.02 0.00	49.00 0.09 0.00	37.41 -0.04 0.00	56.85 0.03 0.00	50.26 0.01 0.00	54.10 0.10 0.00	48.16 0.14 0.00	35.43 0.01 0.00	34.22 -0.13 0.00
HAMLTNNY_34_KV_TB 80303	36.33 0.19 0.00	38.86 0.15 0.00	41.82 0.08 0.00	36.65 0.01 0.00	36.20 0.01 0.00	36.57 0.08 0.00	36.10 0.16 0.00	36.57 0.19 0.00	38.45 0.28 0.00	38.72 0.27 0.00	38.01 0.24 0.00	42.28 0.34 0.00	53.42 0.54 0.00	56.48 0.50 0.00	49.90 0.38 0.00	38.10 0.20 0.00	49.20 0.29 0.00	37.62 0.17 0.00	57.27 0.44 0.00	50.57 0.32 0.00	54.44 0.44 0.00	48.48 0.45 0.00	35.62 0.20 0.00	34.39 0.03 0.00
HAMPSHIRE___PAPER_HYD 323593	36.69 0.55 0.00	39.11 0.39 0.00	41.88 0.14 0.00	36.83 0.19 0.00	36.26 0.08 0.00	36.46 -0.03 0.00	35.96 0.02 0.00	36.46 0.08 0.00	38.36 0.18 0.00	38.67 0.22 0.00	37.98 0.21 0.00	42.00 0.06 0.00	52.94 0.06 0.00	56.08 0.10 0.00	49.60 0.07 0.00	37.83 -0.07 0.00	48.81 -0.10 0.00	37.41 -0.04 0.00	57.02 0.20 0.00	50.32 0.08 0.00	54.33 0.32 0.00	48.06 0.04 0.00	35.24 -0.18 0.00	33.91 -0.44 0.00
HARDSCRABBLE_WT_PWR 323673	36.23 0.09 0.00	38.89 0.17 0.00	42.15 0.42 0.00	36.98 0.34 0.00	36.54 0.35 0.00	36.80 0.32 0.00	36.16 0.23 0.00	36.79 0.41 0.00	38.25 0.08 0.00	38.60 0.15 0.00	37.97 0.20 0.00	42.21 0.27 0.00	53.27 0.39 0.00	56.45 0.47 0.00	49.92 0.39 0.00	38.06 0.17 0.00	49.21 0.29 0.00	37.47 0.02 0.00	56.58 -0.24 0.00	50.13 -0.11 0.00	54.16 0.16 0.00	48.36 0.33 0.00	35.72 0.30 0.00	34.56 0.21 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.76 1.63 0.00	40.55 1.83 0.00	43.58 1.84 0.00	38.22 1.59 0.00	37.84 1.65 0.00	38.07 1.59 0.00	37.64 1.70 0.00	38.29 1.91 0.00	39.89 1.71 0.00	40.22 1.77 0.00	39.80 2.03 0.00	44.38 2.44 0.00	56.08 3.20 0.00	59.53 3.55 0.00	52.91 3.39 0.00	40.55 2.65 0.00	51.87 3.10 0.14	39.64 2.19 0.00	59.69 2.86 0.00	52.82 2.57 0.00	56.84 2.83 0.00	50.42 2.40 0.00	37.34 1.93 0.00	36.37 2.01 0.00
HARSNRAD_115KV_TB1 81005	36.07 -0.06 0.00	38.48 -0.23 0.00	40.97 -0.77 0.00	35.76 -0.87 0.00	35.28 -0.91 0.00	35.73 -0.76 0.00	35.40 -0.54 0.00	35.38 -1.00 0.00	37.32 -0.86 0.00	37.33 -1.12 0.00	36.71 -1.06 0.00	40.74 -1.19 0.00	51.30 -1.58 0.00	54.07 -1.91 0.00	47.61 -1.91 0.00	36.21 -1.69 0.00	47.39 -1.52 0.00	36.05 -1.40 0.00	55.20 -1.62 0.00	48.75 -1.50 0.00	52.92 -1.08 0.00	48.02 -0.01 0.00	35.34 -0.08 0.00	34.00 -0.35 0.00
HARZA MOOSE___RIVER 24016	37.15 1.02 0.00	39.67 0.96 0.00	42.58 0.84 0.00	37.41 0.77 0.00	36.96 0.77 0.00	37.25 0.76 0.00	36.78 0.84 0.00	37.33 0.95 0.00	39.25 1.07 0.00	39.57 1.12 0.00	39.01 1.24 0.00	43.21 1.28 0.00	54.51 1.63 0.00	57.72 1.73 0.00	51.06 1.54 0.00	38.92 1.02 0.00	50.01 1.10 0.00	38.22 0.77 0.00	58.13 1.30 0.00	51.35 1.10 0.00	55.28 1.28 0.00	49.02 1.00 0.00	35.95 0.53 0.00	34.56 0.21 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	35.89 -0.24 0.00	38.39 -0.32 0.00	41.31 -0.43 0.00	36.22 -0.42 0.00	35.78 -0.40 0.00	36.10 -0.38 0.00	35.62 -0.31 0.00	36.09 -0.29 0.00	37.92 -0.25 0.00	38.18 -0.28 0.00	37.55 -0.22 0.00	41.71 -0.23 0.00	52.68 -0.20 0.00	55.79 -0.19 0.00	49.25 -0.28 0.00	37.59 -0.31 0.00	48.60 -0.31 0.00	37.16 -0.29 0.00	56.43 -0.39 0.00	49.90 -0.34 0.00	53.71 -0.30 0.00	47.81 -0.21 0.00	35.19 -0.23 0.00	34.00 -0.35 0.00
HELLGATE_13_KV_LD 55870	37.71 1.57 0.00	40.69 1.98 0.00	43.57 1.84 0.00	38.35 1.72 0.00	38.04 1.85 0.00	38.25 1.77 0.00	37.89 1.95 0.00	38.48 2.10 0.00	39.92 1.75 0.00	40.16 1.71 0.00	39.63 1.86 0.00	44.17 2.23 0.00	55.71 2.83 0.00	59.10 3.12 0.00	52.47 2.95 0.00	40.23 2.33 0.00	51.72 2.64 -0.16	39.38 1.93 0.00	58.69 2.34 0.47	47.95 2.15 4.45	51.94 2.33 4.39	44.44 1.93 5.50	34.89 1.69 2.22	36.28 1.93 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.71 1.57 0.00	40.69 1.98 0.00	43.57 1.84 0.00	38.35 1.72 0.00	38.04 1.85 0.00	38.25 1.77 0.00	37.89 1.95 0.00	38.48 2.10 0.00	39.92 1.75 0.00	40.16 1.71 0.00	39.63 1.86 0.00	44.17 2.23 0.00	55.71 2.83 0.00	59.10 3.12 0.00	52.47 2.95 0.00	40.23 2.33 0.00	51.72 2.64 -0.16	39.38 1.93 0.00	58.69 2.34 0.47	47.95 2.15 4.45	51.94 2.33 4.39	44.44 1.93 5.50	34.89 1.69 2.22	36.28 1.93 0.00
HEMPSTEAD____ 23647	38.13 1.99 0.00	41.02 2.31 0.00	44.14 2.41 0.00	38.84 2.21 0.00	38.43 2.24 0.00	38.58 2.10 0.00	38.19 2.26 0.00	38.93 2.55 0.00	40.41 2.24 0.00	43.38 2.36 -2.57	66.68 2.50 -26.41	70.61 2.85 -25.82	73.33 3.62 -16.83	61.78 3.78 -2.02	53.17 3.65 0.00	41.54 2.92 -0.72	52.40 3.33 -0.16	39.89 2.44 0.00	59.68 2.86 0.00	53.07 2.82 0.00	57.35 3.34 0.00	50.81 2.79 0.00	37.77 2.35 0.00	36.89 2.54 0.00
HEWLETT__69_KV_BK3 55828	38.43 2.29 0.00	41.38 2.66 0.00	44.52 2.78 0.00	39.15 2.51 0.00	38.73 2.54 0.00	38.89 2.40 0.00	38.45 2.52 0.00	39.15 2.77 0.00	40.65 2.47 0.00	43.56 2.54 -2.57	66.93 2.75 -26.41	70.80 3.14 -25.73	73.74 4.06 -16.80	62.23 4.22 -2.02	53.61 4.10 0.00	41.87 3.26 -0.72	52.87 3.80 -0.16	40.25 2.80 0.00	60.19 3.37 0.00	53.53 3.28 0.00	57.84 3.83 0.00	51.17 3.14 0.00	38.02 2.61 0.00	37.19 2.84 0.00
HICKLING___1 23621	37.13 1.00 0.00	39.69 0.97 0.00	42.55 0.82 0.00	37.27 0.63 0.00	36.84 0.65 0.00	37.31 0.82 0.00	36.98 1.04 0.00	37.95 1.57 0.00	39.99 1.82 0.00	40.09 1.64 0.00	39.42 1.65 0.00	43.68 1.74 0.00	55.28 2.40 0.00	57.55 1.56 0.00	50.88 1.36 0.00	38.63 0.73 0.00	50.19 1.28 0.00	38.22 0.77 0.00	58.35 1.53 0.00	51.54 1.29 0.00	55.64 1.64 0.00	49.81 1.79 0.00	36.61 1.19 0.00	35.14 0.79 0.00
HICKLING___2 23622	37.13 1.00 0.00	39.69 0.97 0.00	42.55 0.82 0.00	37.27 0.63 0.00	36.84 0.65 0.00	37.31 0.82 0.00	36.98 1.04 0.00	37.95 1.57 0.00	39.99 1.82 0.00	40.09 1.64 0.00	39.42 1.65 0.00	43.68 1.74 0.00	55.28 2.40 0.00	57.55 1.56 0.00	50.88 1.36 0.00	38.63 0.73 0.00	50.19 1.28 0.00	38.22 0.77 0.00	58.35 1.53 0.00	51.54 1.29 0.00	55.64 1.64 0.00	49.81 1.79 0.00	36.61 1.19 0.00	35.14 0.79 0.00
HIGH FALLS___HY 23754	37.93 1.80 0.00	40.63 1.91 0.00	43.65 1.92 0.00	38.29 1.66 0.00	37.89 1.70 0.00	38.11 1.63 0.00	37.43 1.77 0.28	35.87 2.07 2.58	40.01 2.16 0.32	40.57 2.19 0.07	40.23 2.45 0.00	44.81 2.87 0.00	56.81 3.93 0.00	60.08 4.10 0.00	53.46 3.94 0.00	41.00 3.10 0.00	52.54 3.63 0.00	39.87 2.42 0.00	60.16 3.34 0.00	53.27 3.02 0.00	57.06 3.40 0.34	51.25 3.22 0.00	37.67 2.26 0.00	36.66 2.31 0.00
HILLBURN___GT 23639	37.47 1.34 0.00	40.28 1.56 0.00	43.29 1.56 0.00	37.97 1.34 0.00	37.59 1.40 0.00	37.82 1.33 0.00	37.42 1.49 0.00	38.06 1.68 0.00	39.59 1.41 0.00	39.89 1.44 0.00	39.52 1.75 0.00	44.07 2.13 0.00	55.63 2.74 0.00	59.05 3.06 0.00	52.48 2.96 0.00	40.23 2.33 0.00	51.39 2.64 0.16	39.19 1.74 0.00	58.97 2.15 0.00	52.21 1.96 0.00	56.21 2.20 0.00	49.88 1.85 0.00	37.00 1.59 0.00	36.09 1.74 0.00
HILLSIDE_115KV_TB1 80332	36.27 0.14 0.00	38.81 0.10 0.00	41.68 -0.05 0.00	36.52 -0.12 0.00	36.10 -0.08 0.00	36.57 0.08 0.00	36.18 0.25 0.00	36.68 0.30 0.00	38.62 0.45 0.00	38.70 0.24 0.00	38.11 0.34 0.00	42.25 0.32 0.00	53.47 0.59 0.00	56.39 0.41 0.00	49.94 0.41 0.00	37.92 0.02 0.00	49.23 0.32 0.00	37.43 -0.01 0.00	57.10 0.27 0.00	50.37 0.13 0.00	54.35 0.34 0.00	48.63 0.60 0.00	35.80 0.39 0.00	34.43 0.08 0.00
HISHELDN_WT_PWR 323625	36.67 0.53 0.00	39.12 0.40 0.00	41.69 -0.04 0.00	36.47 -0.17 0.00	35.98 -0.21 0.00	36.46 -0.03 0.00	36.11 0.18 0.00	36.27 -0.11 0.00	38.29 0.12 0.00	38.31 -0.14 0.00	37.69 -0.08 0.00	41.84 -0.09 0.00	52.74 -0.14 0.00	55.56 -0.42 0.00	48.99 -0.53 0.00	37.21 -0.69 0.00	48.60 -0.32 0.00	36.96 -0.49 0.00	56.57 -0.25 0.00	49.99 -0.26 0.00	54.19 0.19 0.00	48.85 0.82 0.00	35.83 0.41 0.00	34.37 0.02 0.00
HOLTSVILLE_IC_1 23690	38.58 2.45 0.00	41.52 2.80 0.00	44.88 3.15 0.00	39.62 2.98 0.00	39.16 2.97 0.00	39.17 2.68 0.00	38.89 2.95 0.00	39.70 3.32 0.00	41.08 2.91 0.00	44.13 3.11 -2.57	67.54 3.34 -26.42	120.56 3.69 -74.92	138.56 4.50 -81.18	62.36 4.35 -2.03	88.03 4.15 -34.36	66.48 3.34 -25.25	82.95 3.79 -30.25	74.01 2.77 -33.79	79.54 3.27 -19.44	76.90 3.50 -23.16	151.96 4.43 -93.52	53.82 3.75 -2.04	38.89 3.15 -0.32	38.03 3.32 -0.35
HOLTSVILLE_IC_10 23699	38.89 2.75 0.00	41.83 3.11 0.00	45.22 3.49 0.00	39.92 3.28 0.00	39.46 3.27 0.00	39.47 2.98 0.00	39.19 3.25 0.00	40.03 3.64 0.00	41.45 3.27 0.00	44.51 3.49 -2.57	67.92 3.72 -26.42	124.21 4.15 -78.11	143.29 5.08 -85.32	62.97 4.96 -2.03	96.33 4.70 -42.11	69.54 3.75 -27.89	90.28 4.34 -37.03	82.07 3.22 -41.40	83.18 3.96 -22.39	80.46 4.09 -26.13	158.64 5.07 -99.57	54.49 4.29 -2.17	39.30 3.54 -0.34	38.41 3.68 -0.37
HOLTSVILLE_IC_2 23691	38.58 2.45 0.00	41.52 2.80 0.00	44.88 3.15 0.00	39.62 2.98 0.00	39.16 2.97 0.00	39.17 2.68 0.00	38.89 2.95 0.00	39.70 3.32 0.00	41.08 2.91 0.00	44.13 3.11 -2.57	67.54 3.34 -26.42	120.56 3.69 -74.92	138.56 4.50 -81.18	62.36 4.35 -2.03	88.03 4.15 -34.36	66.48 3.34 -25.25	82.95 3.79 -30.25	74.01 2.77 -33.79	79.54 3.27 -19.44	76.90 3.50 -23.16	151.96 4.43 -93.52	53.82 3.75 -2.04	38.89 3.15 -0.32	38.03 3.32 -0.35
HOLTSVILLE_IC_3 23692	38.58 2.45 0.00	41.52 2.80 0.00	44.88 3.15 0.00	39.62 2.98 0.00	39.16 2.97 0.00	39.17 2.68 0.00	38.89 2.95 0.00	39.70 3.32 0.00	41.08 2.91 0.00	44.13 3.11 -2.57	67.54 3.34 -26.42	120.56 3.69 -74.92	138.56 4.50 -81.18	62.36 4.35 -2.03	88.03 4.15 -34.36	66.48 3.34 -25.25	82.95 3.79 -30.25	74.01 2.77 -33.79	79.54 3.27 -19.44	76.90 3.50 -23.16	151.96 4.43 -93.52	53.82 3.75 -2.04	38.89 3.15 -0.32	38.03 3.32 -0.35

HOLTSVILLE_IC_4 23693	38.58 2.45 0.00	41.52 2.80 0.00	44.88 3.15 0.00	39.62 2.98 0.00	39.16 2.97 0.00	39.17 2.68 0.00	38.89 2.95 0.00	39.70 3.32 0.00	41.08 2.91 0.00	44.13 3.11 -2.57	67.54 3.34 -26.42	120.56 3.69 -74.92	138.56 4.50 -81.18	62.36 4.35 -2.03	88.03 4.15 -34.36	66.48 3.34 -25.25	82.95 3.79 -30.25	74.01 2.77 -33.79	79.54 3.27 -19.44	76.90 3.50 -23.16	151.96 4.43 -93.52	53.82 3.75 -2.04	38.89 3.15 -0.32	38.03 3.32 -0.35
HOLTSVILLE_IC_5 23694	38.58 2.45 0.00	41.52 2.80 0.00	44.88 3.15 0.00	39.62 2.98 0.00	39.16 2.97 0.00	39.17 2.68 0.00	38.89 2.95 0.00	39.70 3.32 0.00	41.08 2.91 0.00	44.13 3.11 -2.57	67.54 3.34 -26.42	120.56 3.69 -74.92	138.56 4.50 -81.18	62.36 4.35 -2.03	88.03 4.15 -34.36	66.48 3.34 -25.25	82.95 3.79 -30.25	74.01 2.77 -33.79	79.54 3.27 -19.44	76.90 3.50 -23.16	151.96 4.43 -93.52	53.82 3.75 -2.04	38.89 3.15 -0.32	38.03 3.32 -0.35
HOLTSVILLE_IC_6 23695	38.89 2.75 0.00	41.83 3.11 0.00	45.22 3.49 0.00	39.92 3.28 0.00	39.46 3.27 0.00	39.47 2.98 0.00	39.19 3.25 0.00	40.03 3.64 0.00	41.45 3.27 0.00	44.51 3.49 -2.57	67.92 3.72 -26.42	124.21 4.15 -78.11	143.29 5.08 -85.32	62.97 4.96 -2.03	96.33 4.70 -42.11	69.54 3.75 -27.89	90.28 4.34 -37.03	82.07 3.22 -41.40	83.18 3.96 -22.39	80.46 4.09 -26.13	158.64 5.07 -99.57	54.49 4.29 -2.17	39.30 3.54 -0.34	38.41 3.68 -0.37
HOLTSVILLE_IC_7 23696	38.89 2.75 0.00	41.83 3.11 0.00	45.22 3.49 0.00	39.92 3.28 0.00	39.46 3.27 0.00	39.47 2.98 0.00	39.19 3.25 0.00	40.03 3.64 0.00	41.45 3.27 0.00	44.51 3.49 -2.57	67.92 3.72 -26.42	124.21 4.15 -78.11	143.29 5.08 -85.32	62.97 4.96 -2.03	96.33 4.70 -42.11	69.54 3.75 -27.89	90.28 4.34 -37.03	82.07 3.22 -41.40	83.18 3.96 -22.39	80.46 4.09 -26.13	158.64 5.07 -99.57	54.49 4.29 -2.17	39.30 3.54 -0.34	38.41 3.68 -0.37
HOLTSVILLE_IC_8 23697	38.89 2.75 0.00	41.83 3.11 0.00	45.22 3.49 0.00	39.92 3.28 0.00	39.46 3.27 0.00	39.47 2.98 0.00	39.19 3.25 0.00	40.03 3.64 0.00	41.45 3.27 0.00	44.51 3.49 -2.57	67.92 3.72 -26.42	124.21 4.15 -78.11	143.29 5.08 -85.32	62.97 4.96 -2.03	96.33 4.70 -42.11	69.54 3.75 -27.89	90.28 4.34 -37.03	82.07 3.22 -41.40	83.18 3.96 -22.39	80.46 4.09 -26.13	158.64 5.07 -99.57	54.49 4.29 -2.17	39.30 3.54 -0.34	38.41 3.68 -0.37
HOLTSVILLE_IC_9 23698	38.89 2.75 0.00	41.83 3.11 0.00	45.22 3.49 0.00	39.92 3.28 0.00	39.46 3.27 0.00	39.47 2.98 0.00	39.19 3.25 0.00	40.03 3.64 0.00	41.45 3.27 0.00	44.51 3.49 -2.57	67.92 3.72 -26.42	124.21 4.15 -78.11	143.29 5.08 -85.32	62.97 4.96 -2.03	96.33 4.70 -42.11	69.54 3.75 -27.89	90.28 4.34 -37.03	82.07 3.22 -41.40	83.18 3.96 -22.39	80.46 4.09 -26.13	158.64 5.07 -99.57	54.49 4.29 -2.17	39.30 3.54 -0.34	38.41 3.68 -0.37
HOMER_HL_115KV_TB2 355744	36.49 0.36 0.00	39.24 0.52 0.00	42.05 0.32 0.00	36.69 0.06 0.00	36.18 -0.01 0.00	36.67 0.18 0.00	36.31 0.37 0.00	36.48 0.10 0.00	38.34 0.16 0.00	38.38 -0.07 0.00	37.72 -0.05 0.00	41.86 -0.08 0.00	52.85 -0.03 0.00	55.48 -0.50 0.00	48.87 -0.65 0.00	37.10 -0.80 0.00	48.31 -0.60 0.00	36.76 -0.69 0.00	56.16 -0.66 0.00	49.55 -0.70 0.00	53.70 -0.31 0.00	48.35 0.33 0.00	35.52 0.10 0.00	34.39 0.04 0.00
HOWARD_WT_PWR 323690	37.33 1.20 0.00	39.80 1.08 0.00	42.44 0.70 0.00	37.20 0.57 0.00	36.77 0.57 0.00	37.27 0.78 0.00	36.85 0.91 0.00	37.13 0.75 0.00	39.25 1.08 0.00	39.43 0.97 0.00	38.81 1.04 0.00	43.03 1.10 0.00	54.19 1.31 0.00	56.53 0.55 0.00	49.96 0.44 0.00	38.13 0.23 0.00	49.71 0.80 0.00	37.68 0.23 0.00	57.85 1.03 0.00	51.24 1.00 0.00	55.63 1.63 0.00	50.00 1.98 0.00	36.61 1.20 0.00	35.14 0.78 0.00
HQ_GEN_CEDARS 23644	36.15 0.02 0.00	38.61 -0.11 0.00	41.49 -0.25 0.00	36.45 -0.18 0.00	35.91 -0.28 0.00	36.24 -0.25 0.00	35.71 -0.22 0.00	36.13 -0.25 0.00	38.08 -0.10 0.00	38.36 -0.09 0.00	37.67 -0.10 0.00	41.77 -0.17 0.00	52.64 -0.24 0.00	55.74 -0.24 0.00	49.39 -0.14 0.00	37.83 -0.07 0.00	48.96 0.05 0.00	37.43 -0.02 0.00	57.04 0.22 0.00	50.25 0.01 0.00	53.98 -0.02 0.00	47.82 -0.20 0.00	35.21 -0.21 0.00	34.13 -0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	36.15 0.02 0.00	38.61 -0.10 0.00	41.49 -0.25 0.00	36.45 -0.18 0.00	35.91 -0.28 0.00	36.24 -0.25 0.00	35.72 -0.22 0.00	36.13 -0.25 0.00	38.08 -0.09 0.00	38.36 -0.09 0.00	37.67 -0.10 0.00	41.77 -0.16 0.00	52.64 -0.24 0.00	55.74 -0.24 0.00	49.39 -0.14 0.00	37.83 -0.07 0.00	48.96 0.05 0.00	37.43 -0.02 0.00	57.04 0.22 0.00	50.25 0.01 0.00	56.94 -0.02 -2.96	50.61 -0.20 -2.79	35.21 -0.21 0.00	40.45 -0.22 -6.31
HQ_GEN_IMPORT 323601	35.93 -0.21 0.00	38.42 -0.30 0.00	41.37 -0.37 0.00	36.34 -0.30 0.00	35.85 -0.33 0.00	36.19 -0.29 0.00	35.67 -0.27 0.00	36.55 -0.34 -0.51	37.97 -0.20 0.00	38.25 -0.20 0.00	37.56 -0.21 0.00	41.69 -0.25 0.00	52.56 -0.32 0.00	55.63 -0.36 0.00	49.24 -0.28 0.00	37.71 -0.19 0.00	48.78 -0.13 0.00	37.35 -0.10 0.00	56.74 -0.05 0.04	50.11 -0.14 0.00	53.72 -0.29 0.00	47.65 -0.37 0.00	35.11 -0.31 0.00	35.33 -0.27 -1.24
HQ_GEN_WHEEL 23651	35.93 -0.21 0.00	38.42 -0.30 0.00	41.37 -0.37 0.00	36.34 -0.30 0.00	35.85 -0.33 0.00	36.19 -0.29 0.00	35.67 -0.27 0.00	36.55 -0.34 -0.51	37.97 -0.20 0.00	38.25 -0.20 0.00	37.56 -0.21 0.00	41.69 -0.25 0.00	52.56 -0.32 0.00	55.63 -0.36 0.00	49.24 -0.28 0.00	37.71 -0.19 0.00	48.78 -0.13 0.00	37.35 -0.10 0.00	56.74 -0.05 0.04	50.11 -0.14 0.00	53.72 -0.29 0.00	47.65 -0.37 0.00	35.11 -0.31 0.00	35.33 -0.27 -1.24
HUDSON_AVE_GT_3 23810	37.83 1.70 0.00	40.76 2.05 0.00	43.72 1.99 0.00	38.45 1.82 0.00	38.13 1.94 0.00	38.33 1.85 0.00	37.97 2.03 0.00	38.64 2.26 0.00	40.12 1.94 0.00	40.42 1.97 0.00	39.87 2.10 0.00	44.40 2.46 0.00	56.06 3.17 0.00	59.48 3.49 0.00	52.84 3.32 0.00	40.53 2.63 0.00	52.09 3.01 -0.16	39.65 2.20 0.00	59.60 2.78 0.00	52.76 2.51 0.00	56.74 2.74 0.00	50.32 2.30 0.00	37.38 1.96 0.00	36.48 2.13 0.00
HUDSON_AVE_GT_4 23540	37.83 1.70 0.00	40.76 2.05 0.00	43.72 1.99 0.00	38.45 1.82 0.00	38.13 1.94 0.00	38.33 1.85 0.00	37.97 2.03 0.00	38.64 2.26 0.00	40.12 1.94 0.00	40.42 1.97 0.00	39.87 2.10 0.00	44.40 2.46 0.00	56.06 3.17 0.00	59.48 3.49 0.00	52.84 3.32 0.00	40.53 2.63 0.00	52.09 3.01 -0.16	39.65 2.20 0.00	59.60 2.78 0.00	52.76 2.51 0.00	56.74 2.74 0.00	50.32 2.30 0.00	37.38 1.96 0.00	36.48 2.13 0.00
HUDSON_AVE_GT_5 23657	37.83 1.70 0.00	40.76 2.05 0.00	43.72 1.99 0.00	38.45 1.82 0.00	38.13 1.94 0.00	38.33 1.85 0.00	37.97 2.03 0.00	38.64 2.26 0.00	40.12 1.94 0.00	40.42 1.97 0.00	39.87 2.10 0.00	44.40 2.46 0.00	56.06 3.17 0.00	59.48 3.49 0.00	52.84 3.32 0.00	40.53 2.63 0.00	52.09 3.01 -0.16	39.65 2.20 0.00	59.60 2.78 0.00	52.76 2.51 0.00	56.74 2.74 0.00	50.32 2.30 0.00	37.38 1.96 0.00	36.48 2.13 0.00

HUDSON_AVE_10 24168	37.66 1.53 0.00	40.57 1.85 0.00	43.50 1.77 0.00	38.27 1.63 0.00	37.94 1.76 0.00	38.14 1.66 0.00	37.78 1.84 0.00	38.44 2.06 0.00	39.91 1.74 0.00	40.22 1.77 0.00	39.64 1.87 0.00	44.17 2.23 0.00	55.75 2.87 0.00	59.14 3.16 0.00	52.53 3.01 0.00	40.31 2.41 0.00	51.81 2.73 -0.16	39.45 2.00 0.00	59.32 2.49 0.00	52.51 2.26 0.00	56.44 2.44 0.00	50.06 2.04 0.00	37.26 1.84 0.00	36.34 1.98 0.00
HUDSON___115KV_TB 4 355613	37.59 1.46 0.00	40.43 1.71 0.00	43.79 2.05 0.00	38.42 1.78 0.00	37.97 1.78 0.00	38.19 1.71 0.00	35.65 1.60 1.88	20.65 1.73 17.46	37.30 1.30 2.18	39.31 1.33 0.47	39.00 1.22 0.00	43.30 1.36 0.00	54.66 1.78 0.00	58.44 2.46 0.00	51.50 1.98 0.00	39.37 1.48 0.00	50.46 1.51 -0.04	38.68 1.23 0.00	58.64 1.81 0.00	52.00 1.75 0.00	53.74 2.05 2.32	50.00 1.98 0.00	37.03 1.61 0.00	35.94 1.59 0.00
HUNTER MOUNT___DRP 323613	37.97 1.83 0.00	40.82 2.10 0.00	44.24 2.50 0.00	38.80 2.16 0.00	38.35 2.16 0.00	38.58 2.09 0.00	36.42 1.95 1.47	24.89 2.10 13.60	38.12 1.65 1.70	39.70 1.61 0.37	39.23 1.46 0.00	43.54 1.61 0.00	55.01 2.13 0.00	58.97 2.99 0.00	51.82 2.30 0.00	39.62 1.72 0.00	50.76 1.82 -0.03	38.96 1.51 0.00	59.15 2.33 0.00	52.46 2.21 0.00	54.76 2.56 1.80	50.47 2.45 0.00	37.39 1.97 0.00	36.25 1.90 0.00
HUNTINGTON_RES_REC 323705	38.71 2.57 0.00	41.60 2.88 0.00	44.85 3.12 0.00	39.54 2.90 0.00	39.10 2.91 0.00	39.17 2.68 0.00	38.86 2.92 0.00	39.69 3.31 0.00	41.16 2.99 0.00	44.20 3.18 -2.57	67.57 3.36 -26.44	177.19 3.80 -131.45	205.77 4.71 -148.17	62.63 4.62 -2.04	193.03 4.39 -139.12	113.93 3.53 -72.50	174.88 4.00 -121.97	176.99 2.92 -136.62	125.27 3.45 -64.99	126.05 3.56 -72.25	293.80 4.53 -235.27	56.85 3.68 -5.15	39.34 3.10 -0.82	38.53 3.30 -0.88
HUNTLEY___63 23557	36.42 0.28 0.00	38.83 0.11 0.00	41.33 -0.40 0.00	36.08 -0.55 0.00	35.61 -0.58 0.00	36.06 -0.42 0.00	35.74 -0.20 0.00	35.76 -0.62 0.00	37.76 -0.42 0.00	37.73 -0.72 0.00	37.09 -0.68 0.00	41.19 -0.75 0.00	51.91 -0.97 0.00	54.76 -1.22 0.00	48.26 -1.26 0.00	36.68 -1.22 0.00	48.03 -0.88 0.00	36.52 -0.93 0.00	55.87 -0.96 0.00	49.30 -0.95 0.00	53.45 -0.55 0.00	48.44 0.42 0.00	35.58 0.17 0.00	34.31 -0.04 0.00
HUNTLEY___64 23558	36.42 0.28 0.00	38.83 0.11 0.00	41.33 -0.40 0.00	36.08 -0.55 0.00	35.61 -0.58 0.00	36.06 -0.42 0.00	35.74 -0.20 0.00	35.76 -0.62 0.00	37.76 -0.42 0.00	37.73 -0.72 0.00	37.09 -0.68 0.00	41.19 -0.75 0.00	51.91 -0.97 0.00	54.76 -1.22 0.00	48.26 -1.26 0.00	36.68 -1.22 0.00	48.03 -0.88 0.00	36.52 -0.93 0.00	55.87 -0.96 0.00	49.30 -0.95 0.00	53.45 -0.55 0.00	48.44 0.42 0.00	35.58 0.17 0.00	34.31 -0.04 0.00
HUNTLEY___65 23559	36.42 0.28 0.00	38.83 0.11 0.00	41.33 -0.40 0.00	36.08 -0.55 0.00	35.61 -0.58 0.00	36.06 -0.42 0.00	35.74 -0.20 0.00	35.76 -0.62 0.00	37.76 -0.42 0.00	37.73 -0.72 0.00	37.09 -0.68 0.00	41.19 -0.75 0.00	51.91 -0.97 0.00	54.76 -1.22 0.00	48.26 -1.26 0.00	36.68 -1.22 0.00	48.03 -0.88 0.00	36.52 -0.93 0.00	55.87 -0.96 0.00	49.30 -0.95 0.00	53.45 -0.55 0.00	48.44 0.42 0.00	35.58 0.17 0.00	34.31 -0.04 0.00
HUNTLEY___66 23560	36.42 0.28 0.00	38.83 0.11 0.00	41.33 -0.40 0.00	36.08 -0.55 0.00	35.61 -0.58 0.00	36.06 -0.42 0.00	35.74 -0.20 0.00	35.76 -0.62 0.00	37.76 -0.42 0.00	37.73 -0.72 0.00	37.09 -0.68 0.00	41.19 -0.75 0.00	51.91 -0.97 0.00	54.76 -1.22 0.00	48.26 -1.26 0.00	36.68 -1.22 0.00	48.03 -0.88 0.00	36.52 -0.93 0.00	55.87 -0.96 0.00	49.30 -0.95 0.00	53.45 -0.55 0.00	48.44 0.42 0.00	35.58 0.17 0.00	34.31 -0.04 0.00
HUNTLEY___67 23561	36.38 0.24 0.00	38.82 0.11 0.00	41.36 -0.37 0.00	36.11 -0.52 0.00	35.62 -0.57 0.00	36.07 -0.41 0.00	35.74 -0.20 0.00	35.81 -0.57 0.00	37.79 -0.38 0.00	37.81 -0.64 0.00	37.19 -0.58 0.00	41.29 -0.65 0.00	52.03 -0.85 0.00	54.89 -1.09 0.00	48.35 -1.17 0.00	36.75 -1.15 0.00	48.11 -0.80 0.00	36.57 -0.88 0.00	55.98 -0.85 0.00	49.41 -0.84 0.00	53.57 -0.44 0.00	48.38 0.36 0.00	35.48 0.06 0.00	34.07 -0.28 0.00
HUNTLEY___68 23562	36.38 0.24 0.00	38.82 0.11 0.00	41.36 -0.37 0.00	36.11 -0.52 0.00	35.62 -0.57 0.00	36.07 -0.41 0.00	35.74 -0.20 0.00	35.81 -0.57 0.00	37.79 -0.38 0.00	37.81 -0.64 0.00	37.19 -0.58 0.00	41.29 -0.65 0.00	52.03 -0.85 0.00	54.89 -1.09 0.00	48.35 -1.17 0.00	36.75 -1.15 0.00	48.11 -0.80 0.00	36.57 -0.88 0.00	55.98 -0.85 0.00	49.41 -0.84 0.00	53.57 -0.44 0.00	48.38 0.36 0.00	35.48 0.06 0.00	34.07 -0.28 0.00
HYLAND___LFGE 323620	37.90 1.77 0.00	40.31 1.59 0.00	42.99 1.26 0.00	37.60 0.97 0.00	37.16 0.97 0.00	37.66 1.18 0.00	37.29 1.35 0.00	37.61 1.23 0.00	39.52 1.35 0.00	39.49 1.04 0.00	38.13 0.36 0.00	42.10 0.16 0.00	52.82 -0.06 0.00	55.25 -0.73 0.00	48.88 -0.64 0.00	37.35 -0.55 0.00	48.64 -0.28 0.00	37.41 -0.05 0.00	57.28 0.45 0.00	51.25 1.01 0.00	56.31 2.30 0.00	50.81 2.79 0.00	37.20 1.78 0.00	35.62 1.27 0.00
INDECK___CORINTH 23802	38.32 2.18 0.00	41.08 2.36 0.00	44.26 2.52 0.00	38.83 2.20 0.00	38.39 2.20 0.00	38.61 2.12 0.00	39.71 2.08 -1.69	54.44 2.38 -15.68	42.47 2.34 -1.96	41.13 2.25 -0.42	39.73 1.96 0.00	44.10 2.17 0.00	55.56 2.67 0.00	59.09 3.11 0.00	52.37 2.85 0.00	40.26 2.36 0.00	51.56 2.61 -0.05	39.35 1.90 0.00	59.90 3.07 0.00	52.82 2.57 0.00	59.16 3.08 -2.08	51.07 3.05 0.00	37.71 2.29 0.00	36.55 2.20 0.00
INDECK___ILION 23567	36.25 0.11 0.00	38.88 0.16 0.00	42.01 0.28 0.00	36.87 0.24 0.00	36.45 0.25 0.00	36.72 0.24 0.00	36.10 0.16 0.00	36.67 0.29 0.00	38.27 0.10 0.00	38.59 0.14 0.00	37.92 0.14 0.00	42.12 0.17 0.00	53.14 0.26 0.00	56.31 0.32 0.00	49.82 0.30 0.00	38.09 0.19 0.00	49.18 0.27 0.00	37.54 0.08 0.00	56.81 -0.02 0.00	50.30 0.05 0.00	54.20 0.20 0.00	48.32 0.30 0.00	35.65 0.23 0.00	34.55 0.20 0.00
INDECK___OLEAN 23982	36.49 0.36 0.00	39.24 0.52 0.00	42.06 0.32 0.00	36.70 0.06 0.00	36.18 -0.01 0.00	36.66 0.18 0.00	36.30 0.37 0.00	36.48 0.10 0.00	38.33 0.16 0.00	38.37 -0.08 0.00	37.73 -0.04 0.00	41.85 -0.09 0.00	52.86 -0.02 0.00	55.48 -0.50 0.00	48.86 -0.65 0.00	37.09 -0.80 0.00	48.31 -0.60 0.00	36.76 -0.69 0.00	56.16 -0.67 0.00	49.56 -0.69 0.00	53.70 -0.30 0.00	48.35 0.33 0.00	35.52 0.10 0.00	34.39 0.04 0.00
INDECK___OSWEGO 23783	35.32 -0.82 0.00	37.93 -0.79 0.00	40.81 -0.93 0.00	35.79 -0.85 0.00	35.36 -0.83 0.00	35.65 -0.84 0.00	35.15 -0.79 0.00	35.45 -0.93 0.00	37.13 -1.04 0.00	37.35 -1.10 0.00	36.69 -1.08 0.00	40.74 -1.19 0.00	51.41 -1.47 0.00	54.44 -1.54 0.00	48.08 -1.44 0.00	36.70 -1.20 0.00	47.40 -1.51 0.00	36.30 -1.15 0.00	55.13 -1.69 0.00	48.78 -1.47 0.00	52.51 -1.50 0.00	47.03 -0.99 0.00	34.68 -0.74 0.00	33.51 -0.84 0.00

INDECK___YERKES 23781	36.40 0.26 0.00	38.81 0.09 0.00	41.33 -0.40 0.00	36.08 -0.56 0.00	35.60 -0.58 0.00	36.06 -0.42 0.00	35.74 -0.20 0.00	35.75 -0.63 0.00	37.75 -0.43 0.00	37.71 -0.74 0.00	37.09 -0.68 0.00	41.18 -0.76 0.00	51.89 -0.99 0.00	54.75 -1.23 0.00	48.25 -1.27 0.00	36.66 -1.24 0.00	48.01 -0.90 0.00	36.51 -0.94 0.00	55.85 -0.98 0.00	49.29 -0.96 0.00	53.44 -0.56 0.00	48.46 0.43 0.00	35.61 0.19 0.00	34.34 -0.01 0.00
INDIAN POINT_GT_1 24139	37.66 1.52 0.00	40.51 1.79 0.00	43.53 1.79 0.00	38.22 1.58 0.00	37.85 1.66 0.00	38.06 1.58 0.00	37.65 1.72 0.00	38.30 1.92 0.00	39.82 1.65 0.00	40.14 1.68 0.00	39.57 1.80 0.00	44.05 2.12 0.00	55.58 2.70 0.00	58.97 2.99 0.00	52.38 2.86 0.00	40.17 2.27 0.00	51.67 2.58 -0.17	39.34 1.89 0.00	59.23 2.40 0.00	52.43 2.18 0.00	56.44 2.44 0.00	50.08 2.06 0.00	37.15 1.73 0.00	36.24 1.89 0.00
INDIAN POINT_GT_2 23659	37.66 1.52 0.00	40.51 1.79 0.00	43.53 1.79 0.00	38.22 1.58 0.00	37.85 1.66 0.00	38.06 1.58 0.00	37.65 1.72 0.00	38.30 1.92 0.00	39.82 1.65 0.00	40.14 1.68 0.00	39.57 1.80 0.00	44.05 2.12 0.00	55.58 2.70 0.00	58.97 2.99 0.00	52.38 2.86 0.00	40.17 2.27 0.00	51.67 2.58 -0.17	39.34 1.89 0.00	59.23 2.40 0.00	52.43 2.18 0.00	56.44 2.44 0.00	50.08 2.06 0.00	37.15 1.73 0.00	36.24 1.89 0.00
INDIAN POINT_GT_3 24019	37.66 1.52 0.00	40.51 1.79 0.00	43.53 1.79 0.00	38.22 1.58 0.00	37.85 1.66 0.00	38.06 1.58 0.00	37.65 1.72 0.00	38.30 1.92 0.00	39.82 1.65 0.00	40.14 1.68 0.00	39.57 1.80 0.00	44.05 2.12 0.00	55.58 2.70 0.00	58.97 2.99 0.00	52.38 2.86 0.00	40.17 2.27 0.00	51.67 2.58 -0.17	39.34 1.89 0.00	59.23 2.40 0.00	52.43 2.18 0.00	56.44 2.44 0.00	50.08 2.06 0.00	37.15 1.73 0.00	36.24 1.89 0.00
INDIAN POINT___2 23530	37.58 1.45 0.00	40.43 1.71 0.00	43.44 1.70 0.00	38.14 1.50 0.00	37.77 1.58 0.00	37.99 1.50 0.00	37.58 1.64 0.00	38.22 1.84 0.00	39.75 1.57 0.00	40.06 1.60 0.00	39.50 1.73 0.00	43.98 2.04 0.00	55.48 2.60 0.00	58.88 2.90 0.00	52.29 2.78 0.00	40.11 2.21 0.00	51.60 2.48 -0.21	39.27 1.81 0.00	59.10 2.28 0.00	52.32 2.07 0.00	56.33 2.33 0.00	49.99 1.97 0.00	37.08 1.67 0.00	36.18 1.83 0.00
INDIAN POINT___3 23531	37.60 1.46 0.00	40.45 1.73 0.00	43.47 1.73 0.00	38.16 1.53 0.00	37.80 1.61 0.00	38.01 1.53 0.00	37.59 1.65 0.00	38.24 1.86 0.00	39.77 1.59 0.00	40.07 1.62 0.00	39.50 1.73 0.00	43.97 2.03 0.00	55.47 2.59 0.00	58.86 2.88 0.00	52.27 2.75 0.00	40.08 2.18 0.00	51.55 2.47 -0.18	39.27 1.81 0.00	59.11 2.28 0.00	52.33 2.08 0.00	56.33 2.33 0.00	50.00 1.97 0.00	37.09 1.67 0.00	36.19 1.84 0.00
INGHAM_C_115KV_TB7 356103	36.16 0.02 0.00	38.84 0.13 0.00	42.13 0.39 0.00	36.96 0.33 0.00	36.56 0.37 0.00	36.80 0.32 0.00	36.10 0.17 0.00	36.80 0.42 0.00	38.16 -0.02 0.00	38.49 0.04 0.00	37.84 0.06 0.00	42.02 0.08 0.00	53.08 0.20 0.00	56.31 0.33 0.00	49.82 0.30 0.00	38.05 0.15 0.00	49.08 0.17 0.00	37.34 -0.11 0.00	56.33 -0.49 0.00	49.93 -0.32 0.00	54.02 0.01 0.00	48.31 0.28 0.00	35.70 0.28 0.00	34.57 0.22 0.00
IP CORINTH___1 23988	38.52 2.39 0.00	41.30 2.58 0.00	44.49 2.76 0.00	39.05 2.42 0.00	38.59 2.40 0.00	38.82 2.33 0.00	39.92 2.30 -1.69	54.65 2.59 -15.68	42.69 2.56 -1.96	41.36 2.48 -0.42	39.94 2.17 0.00	44.35 2.41 0.00	55.87 2.99 0.00	59.41 3.43 0.00	52.65 3.13 0.00	40.46 2.56 0.00	51.84 2.88 -0.05	39.57 2.12 0.00	60.24 3.42 0.00	53.11 2.86 0.00	59.47 3.39 -2.08	51.34 3.32 0.00	37.92 2.51 0.00	36.74 2.39 0.00
IP___TICONDEROGA 23804	40.69 4.56 0.00	43.60 4.88 0.00	46.61 4.88 0.00	40.99 4.35 0.00	40.54 4.36 0.00	40.73 4.24 0.00	42.31 4.50 -1.87	58.62 4.93 -17.30	45.30 4.97 -2.16	43.78 4.86 -0.47	42.53 4.76 0.00	47.14 5.20 0.00	59.16 6.28 0.00	63.19 7.20 0.00	55.81 6.29 0.00	43.15 5.25 0.00	55.21 6.25 -0.05	42.21 4.76 0.00	64.57 7.75 0.00	56.32 6.07 0.00	63.28 6.98 -2.30	54.31 6.29 0.00	40.19 4.77 0.00	38.87 4.52 0.00
ISLIP_RES_REC 323679	39.14 3.01 0.00	42.08 3.36 0.00	45.47 3.74 0.00	40.14 3.51 0.00	39.67 3.48 0.00	39.68 3.20 0.00	39.43 3.49 0.00	40.30 3.92 0.00	41.77 3.59 0.00	44.84 3.83 -2.57	68.26 4.06 -26.42	121.66 4.55 -75.17	140.60 5.61 -82.11	63.52 5.51 -2.03	92.89 5.23 -38.14	67.45 4.13 -25.42	87.31 4.85 -33.55	78.56 3.61 -37.50	81.68 4.53 -20.33	78.56 4.57 -23.74	150.24 5.56 -90.68	54.72 4.72 -1.98	39.57 3.84 -0.31	38.63 3.94 -0.34
JAMAICA__27_KV_LOAD 355505	37.96 1.82 0.00	40.84 2.13 0.00	43.76 2.03 0.00	38.49 1.86 0.00	38.17 1.98 0.00	38.37 1.88 0.00	38.01 2.07 0.00	38.65 2.27 0.00	40.16 1.98 0.00	40.47 2.02 0.00	39.83 2.06 0.00	44.42 2.48 0.00	56.08 3.20 0.00	59.50 3.52 0.00	52.82 3.30 0.00	40.55 2.65 0.00	52.11 3.03 -0.16	39.75 2.29 0.00	59.77 2.95 0.00	52.93 2.68 0.00	56.89 2.88 0.00	50.47 2.45 0.00	37.68 2.27 0.00	36.70 2.35 0.00
JANIS___SOLAR 323808	38.07 1.93 0.00	40.58 1.86 0.00	43.70 1.97 0.00	38.36 1.72 0.00	37.92 1.73 0.00	38.36 1.88 0.00	37.97 2.04 0.00	38.41 2.03 0.00	40.43 2.25 0.00	40.56 2.11 0.00	39.76 1.99 0.00	44.12 2.19 0.00	55.55 2.67 0.00	58.58 2.60 0.00	52.06 2.53 0.00	39.83 1.93 0.00	51.78 2.87 0.00	39.49 2.04 0.00	60.30 3.47 0.00	53.22 2.98 0.00	57.47 3.46 0.00	51.27 3.25 0.00	37.55 2.14 0.00	36.07 1.72 0.00
JARVIS____ 23743	36.17 0.03 0.00	38.76 0.04 0.00	41.81 0.07 0.00	36.71 0.07 0.00	36.26 0.07 0.00	36.56 0.07 0.00	35.98 0.04 0.00	36.45 0.07 0.00	38.21 0.04 0.00	38.49 0.04 0.00	37.82 0.04 0.00	42.00 0.07 0.00	52.93 0.05 0.00	56.06 0.07 0.00	49.57 0.05 0.00	37.95 0.05 0.00	48.95 0.04 0.00	37.48 0.03 0.00	56.84 0.01 0.00	50.29 0.05 0.00	54.06 0.06 0.00	48.12 0.09 0.00	35.49 0.07 0.00	34.42 0.06 0.00
JENNISON___1 23625	38.18 2.04 0.00	40.76 2.04 0.00	43.95 2.22 0.00	38.57 1.94 0.00	38.15 1.96 0.00	38.58 2.09 0.00	38.16 2.23 0.00	38.68 2.30 0.00	40.71 2.53 0.00	40.87 2.42 0.00	40.29 2.52 0.00	44.72 2.79 0.00	56.49 3.61 0.00	59.78 3.80 0.00	52.81 3.29 0.00	40.31 2.41 0.00	52.39 3.48 0.00	39.92 2.47 0.00	60.67 3.85 0.00	53.55 3.30 0.00	57.65 3.65 0.00	51.40 3.37 0.00	37.73 2.32 0.00	36.28 1.93 0.00
JENNISON___2 23626	38.18 2.04 0.00	40.76 2.04 0.00	43.95 2.22 0.00	38.57 1.94 0.00	38.15 1.96 0.00	38.58 2.09 0.00	38.16 2.23 0.00	38.68 2.30 0.00	40.71 2.53 0.00	40.87 2.42 0.00	40.29 2.52 0.00	44.72 2.79 0.00	56.49 3.61 0.00	59.78 3.80 0.00	52.81 3.29 0.00	40.31 2.41 0.00	52.39 3.48 0.00	39.92 2.47 0.00	60.67 3.85 0.00	53.55 3.30 0.00	57.65 3.65 0.00	51.40 3.37 0.00	37.73 2.32 0.00	36.28 1.93 0.00

JERICO_RISE_WT_PWR 323719	36.26 0.12 0.00	38.68 -0.04 0.00	41.55 -0.18 0.00	36.54 -0.10 0.00	36.00 -0.19 0.00	36.44 -0.05 0.00	35.98 0.05 0.00	36.55 0.17 0.00	38.50 0.33 0.00	38.81 0.36 0.00	38.16 0.39 0.00	42.31 0.37 0.00	53.32 0.44 0.00	56.20 0.22 0.00	49.85 0.33 0.00	38.32 0.42 0.00	49.62 0.71 0.00	38.03 0.57 0.00	57.85 1.03 0.00	50.96 0.71 0.00	54.68 0.67 0.00	48.45 0.43 0.00	35.66 0.24 0.00	34.59 0.24 0.00
KATONAH__115KV_46KV_TB4 355592	38.05 1.92 0.00	40.89 2.18 0.00	43.94 2.20 0.00	38.61 1.97 0.00	38.23 2.05 0.00	38.46 1.97 0.00	38.03 2.09 0.00	38.71 2.32 0.00	40.26 2.09 0.00	40.62 2.17 0.00	40.02 2.25 0.00	44.56 2.62 0.00	56.25 3.37 0.00	59.71 3.73 0.00	53.02 3.50 0.00	40.68 2.78 0.00	52.32 3.28 -0.13	39.88 2.43 0.00	59.98 3.16 0.00	53.08 2.83 0.00	57.10 3.10 0.00	50.67 2.64 0.00	37.56 2.14 0.00	36.59 2.23 0.00
KCE_NY_1 323755	38.46 2.32 0.00	41.26 2.54 0.00	44.57 2.84 0.00	39.11 2.48 0.00	38.60 2.42 0.00	38.88 2.39 0.00	40.42 2.37 -2.11	58.58 2.61 -19.59	43.04 2.43 -2.44	41.43 2.45 -0.53	40.14 2.37 0.00	44.55 2.62 0.00	56.13 3.25 0.00	59.52 3.54 0.00	52.74 3.22 0.00	40.43 2.53 0.00	51.92 2.96 -0.05	39.75 2.30 0.00	60.23 3.40 0.00	53.22 2.98 0.00	60.02 3.42 -2.60	51.12 3.10 0.00	37.79 2.38 0.00	36.67 2.31 0.00
KCE_NY_6_ESR 323823	36.89 0.76 0.00	39.33 0.61 0.00	41.93 0.19 0.00	36.61 -0.03 0.00	36.11 -0.08 0.00	36.59 0.10 0.00	36.27 0.34 0.00	36.40 0.02 0.00	38.41 0.24 0.00	38.42 -0.03 0.00	37.84 0.07 0.00	42.02 0.08 0.00	52.99 0.11 0.00	55.90 -0.08 0.00	49.28 -0.24 0.00	37.44 -0.46 0.00	48.99 0.07 0.00	37.22 -0.23 0.00	56.93 0.10 0.00	50.24 -0.01 0.00	54.44 0.43 0.00	49.14 1.12 0.00	36.02 0.60 0.00	34.53 0.18 0.00
KEDC_PORT_JEFF_GT2 24210	38.74 2.61 0.00	41.68 2.97 0.00	45.06 3.33 0.00	39.77 3.14 0.00	39.31 3.12 0.00	39.32 2.84 0.00	39.05 3.11 0.00	39.87 3.49 0.00	41.28 3.11 0.00	44.34 3.32 -2.57	67.77 3.58 -26.43	128.36 3.86 -82.56	148.00 4.71 -90.41	62.75 4.74 -2.03	103.40 4.47 -49.41	72.94 3.44 -31.61	96.21 3.88 -43.42	88.85 2.82 -48.58	85.93 3.33 -25.78	83.68 3.55 -29.88	170.08 4.42 -111.66	54.23 3.77 -2.44	39.10 3.30 -0.39	38.30 3.53 -0.42
KEDC_PORT_JEFF_GT3 24211	38.74 2.61 0.00	41.68 2.97 0.00	45.06 3.33 0.00	39.77 3.14 0.00	39.31 3.12 0.00	39.32 2.84 0.00	39.05 3.11 0.00	39.87 3.49 0.00	41.28 3.11 0.00	44.34 3.32 -2.57	67.77 3.58 -26.43	128.36 3.86 -82.56	148.00 4.71 -90.41	62.75 4.74 -2.03	103.40 4.47 -49.41	72.94 3.44 -31.61	96.21 3.88 -43.42	88.85 2.82 -48.58	85.93 3.33 -25.78	83.68 3.55 -29.88	170.08 4.42 -111.66	54.23 3.77 -2.44	39.10 3.30 -0.39	38.30 3.53 -0.42
KEDC_GLWD_GT4 24219	37.99 1.85 0.00	40.88 2.16 0.00	43.95 2.22 0.00	38.65 2.02 0.00	38.25 2.06 0.00	38.43 1.94 0.00	38.04 2.11 0.00	38.76 2.38 0.00	40.27 2.10 0.00	43.24 2.22 -2.57	66.60 2.42 -26.41	70.55 2.79 -25.82	73.27 3.56 -16.83	61.81 3.81 -2.02	53.15 3.63 0.00	41.52 2.90 -0.72	52.42 3.34 -0.16	39.89 2.44 0.00	59.76 2.93 0.00	53.03 2.78 0.00	57.21 3.21 0.00	50.67 2.65 0.00	37.60 2.18 0.00	36.69 2.34 0.00
KEDC_GLWD_GT5 24220	37.99 1.85 0.00	40.88 2.16 0.00	43.95 2.22 0.00	38.65 2.02 0.00	38.25 2.06 0.00	38.43 1.94 0.00	38.04 2.11 0.00	38.76 2.38 0.00	40.27 2.10 0.00	43.24 2.22 -2.57	66.60 2.42 -26.41	70.55 2.79 -25.82	73.27 3.56 -16.83	61.81 3.81 -2.02	53.15 3.63 0.00	41.52 2.90 -0.72	52.42 3.34 -0.16	39.89 2.44 0.00	59.76 2.93 0.00	53.03 2.78 0.00	57.21 3.21 0.00	50.67 2.65 0.00	37.60 2.18 0.00	36.69 2.34 0.00
KENSICO____ 23655	37.77 1.63 0.00	40.63 1.91 0.00	43.66 1.92 0.00	38.35 1.72 0.00	37.99 1.80 0.00	38.20 1.72 0.00	37.79 1.86 0.00	38.45 2.07 0.00	39.97 1.79 0.00	40.28 1.83 0.00	39.70 1.93 0.00	44.19 2.25 0.00	55.75 2.87 0.00	59.16 3.18 0.00	52.53 3.01 0.00	40.30 2.40 0.00	51.82 2.74 -0.17	39.48 2.03 0.00	59.39 2.56 0.00	52.57 2.32 0.00	56.58 2.58 0.00	50.22 2.19 0.00	37.25 1.84 0.00	36.35 1.99 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.99 1.85 0.00	40.69 1.97 0.00	43.72 1.98 0.00	38.34 1.70 0.00	37.94 1.75 0.00	38.16 1.67 0.00	37.59 1.82 0.17	36.94 2.14 1.58	40.25 2.27 0.20	40.71 2.30 0.04	40.30 2.53 0.00	44.89 2.95 0.00	56.93 4.05 0.00	60.08 4.09 0.00	53.44 3.92 0.00	40.98 3.09 0.00	52.48 3.59 0.02	39.91 2.46 0.00	60.25 3.43 0.00	53.36 3.11 0.00	57.30 3.50 0.21	51.51 3.48 0.00	37.81 2.39 0.00	36.77 2.42 0.00
KIAC_JFK_GT1 23816	37.84 1.71 0.00	40.72 2.00 0.00	43.63 1.90 0.00	38.37 1.74 0.00	38.05 1.87 0.00	38.25 1.77 0.00	37.88 1.95 0.00	38.53 2.14 0.00	40.02 1.84 0.00	40.33 1.88 0.00	39.67 1.90 0.00	44.24 2.30 0.00	55.83 2.95 0.00	59.23 3.24 0.00	52.59 3.07 0.00	40.36 2.47 0.00	51.86 2.79 -0.16	39.57 2.12 0.00	59.50 2.68 0.00	52.70 2.45 0.00	56.65 2.64 0.00	50.26 2.24 0.00	37.53 2.11 0.00	36.56 2.21 0.00
KIAC_JFK_GT2 23817	37.84 1.71 0.00	40.72 2.00 0.00	43.63 1.90 0.00	38.37 1.74 0.00	38.05 1.87 0.00	38.25 1.77 0.00	37.88 1.95 0.00	38.53 2.14 0.00	40.02 1.84 0.00	40.33 1.88 0.00	39.67 1.90 0.00	44.24 2.30 0.00	55.83 2.95 0.00	59.23 3.24 0.00	52.59 3.07 0.00	40.36 2.47 0.00	51.86 2.79 -0.16	39.57 2.12 0.00	59.50 2.68 0.00	52.70 2.45 0.00	56.65 2.64 0.00	50.26 2.24 0.00	37.53 2.11 0.00	36.56 2.21 0.00
KIAC_JFK____ 323774	37.84 1.71 0.00	40.72 2.00 0.00	43.63 1.90 0.00	38.37 1.74 0.00	38.05 1.87 0.00	38.25 1.77 0.00	37.88 1.94 0.00	38.53 2.15 0.00	40.02 1.84 0.00	40.34 1.88 0.00	39.67 1.90 0.00	44.24 2.30 0.00	55.83 2.95 0.00	59.22 3.24 0.00	52.59 3.07 0.00	40.36 2.47 0.00	51.86 2.79 -0.16	39.57 2.12 0.00	59.50 2.68 0.00	52.70 2.45 0.00	56.65 2.64 0.00	50.26 2.24 0.00	37.53 2.11 0.00	36.56 2.21 0.00
KINTIGH____ 23543	36.10 -0.03 0.00	38.58 -0.14 0.00	41.17 -0.56 0.00	35.95 -0.69 0.00	35.47 -0.72 0.00	35.88 -0.61 0.00	35.54 -0.39 0.00	35.68 -0.71 0.00	37.62 -0.55 0.00	37.70 -0.75 0.00	37.05 -0.72 0.00	41.14 -0.80 0.00	51.81 -1.07 0.00	54.67 -1.31 0.00	48.15 -1.37 0.00	36.65 -1.24 0.00	47.88 -1.04 0.00	36.46 -0.99 0.00	55.74 -1.08 0.00	49.23 -1.02 0.00	53.29 -0.72 0.00	48.01 -0.02 0.00	35.22 -0.20 0.00	33.87 -0.49 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.93 0.79 0.00	39.45 0.74 0.00	42.23 0.50 0.00	37.16 0.53 0.00	36.60 0.42 0.00	37.03 0.54 0.00	36.66 0.72 0.00	37.33 0.95 0.00	39.26 1.08 0.00	39.57 1.12 0.00	38.97 1.20 0.00	43.19 1.25 0.00	54.43 1.55 0.00	57.34 1.35 0.00	50.89 1.37 0.00	39.17 1.27 0.00	50.69 1.78 0.00	38.84 1.38 0.00	59.04 2.21 0.00	51.98 1.73 0.00	55.80 1.80 0.00	49.47 1.44 0.00	36.38 0.96 0.00	35.26 0.90 0.00

LACHUTE____HYDRO 323717	40.69 4.56 0.00	43.60 4.88 0.00	46.62 4.89 0.00	41.00 4.36 0.00	40.54 4.35 0.00	40.72 4.24 0.00	42.32 4.52 -1.87	58.61 4.93 -17.30	45.30 4.97 -2.16	43.78 4.86 -0.47	42.53 4.76 0.00	47.14 5.21 0.00	59.16 6.28 0.00	63.19 7.20 0.00	55.81 6.29 0.00	43.15 5.25 0.00	55.21 6.25 -0.05	42.21 4.76 0.00	64.57 7.75 0.00	56.32 6.07 0.00	63.28 6.98 -2.30	54.31 6.28 0.00	40.19 4.77 0.00	38.87 4.52 0.00
LAWRNCV_115KV_TB1 80681	36.23 0.09 0.00	38.63 -0.09 0.00	41.46 -0.27 0.00	36.44 -0.20 0.00	35.80 -0.39 0.00	36.00 -0.48 0.00	35.44 -0.50 0.00	35.90 -0.49 0.00	37.78 -0.39 0.00	38.09 -0.37 0.00	37.39 -0.38 0.00	41.42 -0.52 0.00	52.16 -0.72 0.00	55.25 -0.73 0.00	48.98 -0.54 0.00	37.50 -0.40 0.00	48.52 -0.39 0.00	37.12 -0.33 0.00	56.60 -0.22 0.00	49.85 -0.39 0.00	53.79 -0.21 0.00	47.60 -0.42 0.00	35.00 -0.42 0.00	33.87 -0.48 0.00
LEDERLE____ 23769	37.70 1.57 0.00	40.54 1.82 0.00	43.53 1.80 0.00	38.19 1.56 0.00	37.82 1.63 0.00	38.04 1.56 0.00	37.65 1.71 0.00	38.31 1.93 0.00	39.86 1.68 0.00	40.17 1.72 0.00	39.67 1.90 0.00	44.21 2.27 0.00	55.80 2.92 0.00	59.25 3.26 0.00	52.64 3.12 0.00	40.36 2.46 0.00	51.54 2.80 0.17	39.47 2.02 0.00	59.41 2.58 0.00	52.59 2.35 0.00	56.61 2.60 0.00	50.23 2.20 0.00	37.24 1.82 0.00	36.32 1.97 0.00
LIGHTHSE_115KV_TB6 355974	36.35 0.22 0.00	38.83 0.12 0.00	41.62 -0.11 0.00	36.46 -0.17 0.00	36.00 -0.19 0.00	36.28 -0.20 0.00	35.84 -0.09 0.00	36.28 -0.10 0.00	38.12 -0.06 0.00	38.38 -0.07 0.00	37.74 -0.03 0.00	41.82 -0.12 0.00	52.78 -0.10 0.00	55.88 -0.10 0.00	49.29 -0.22 0.00	37.51 -0.39 0.00	48.37 -0.54 0.00	37.05 -0.40 0.00	56.32 -0.50 0.00	49.85 -0.39 0.00	53.75 -0.26 0.00	47.81 -0.22 0.00	35.13 -0.29 0.00	33.80 -0.55 0.00
LINDEN COGEN____ 23786	37.47 1.33 0.00	35.92 1.62 4.43	39.76 1.54 3.51	38.05 1.43 0.01	37.77 1.58 0.01	37.96 1.48 0.01	37.60 1.67 0.00	37.79 1.85 0.44	38.53 1.51 1.16	37.68 1.56 2.33	36.07 1.69 3.39	39.37 2.01 4.58	54.89 2.59 0.58	57.64 2.88 1.23	52.31 2.79 0.00	39.49 2.25 0.65	47.70 2.49 3.70	39.02 1.80 0.23	58.65 2.24 0.41	52.31 2.06 0.00	56.24 2.24 0.00	49.86 1.84 0.00	37.04 1.63 0.00	36.15 1.80 0.00
LINDHRST_69_KV_BK1 356055	38.91 2.77 0.00	41.83 3.11 0.00	45.06 3.32 0.00	39.67 3.04 0.00	39.22 3.03 0.00	39.34 2.86 0.00	39.00 3.07 0.00	39.82 3.44 0.00	41.37 3.20 0.00	44.36 3.34 -2.57	67.66 3.47 -26.41	79.66 3.90 -33.82	86.32 4.86 -28.58	62.93 4.92 -2.02	57.15 4.63 -2.99	44.44 3.68 -2.87	56.01 4.32 -2.78	43.55 3.15 -2.94	62.36 3.84 -1.70	56.15 3.88 -2.02	66.95 4.73 -8.21	52.27 4.07 -0.18	38.76 3.32 -0.03	37.82 3.44 -0.03
LIPA_MISC_IPP 23656	38.54 2.41 0.00	41.51 2.80 0.00	45.01 3.27 0.00	39.81 3.18 0.00	39.33 3.15 0.00	39.28 2.79 0.00	39.04 3.10 0.00	39.82 3.44 0.00	41.11 2.94 0.00	44.17 3.14 -2.57	67.75 3.55 -26.42	121.51 4.04 -75.54	139.72 4.86 -81.97	62.44 4.43 -2.03	89.60 4.32 -35.76	67.16 3.52 -25.74	84.41 4.02 -31.47	75.55 2.93 -35.16	80.35 3.54 -19.98	77.72 3.76 -23.71	153.57 4.86 -94.71	54.18 4.09 -2.07	39.11 3.36 -0.33	38.24 3.53 -0.36
LISF____SOLAR 323691	38.61 2.47 0.00	41.57 2.85 0.00	45.10 3.36 0.00	39.88 3.24 0.00	39.40 3.21 0.00	39.33 2.85 0.00	39.10 3.17 0.00	39.89 3.51 0.00	41.17 3.00 0.00	44.24 3.22 -2.57	67.84 3.64 -26.42	122.20 4.14 -76.13	140.60 4.99 -82.73	62.54 4.53 -2.03	91.14 4.44 -37.18	67.75 3.63 -26.23	85.81 4.19 -32.72	77.06 3.05 -36.56	81.06 3.71 -20.53	78.42 3.91 -24.26	154.87 5.03 -95.83	54.36 4.24 -2.09	39.21 3.47 -0.33	38.32 3.61 -0.36
LITTLE FALLS____HYD 24013	36.16 0.02 0.00	38.84 0.13 0.00	42.13 0.39 0.00	36.96 0.33 0.00	36.56 0.37 0.00	36.80 0.32 0.00	36.10 0.17 0.00	36.80 0.42 0.00	38.16 -0.02 0.00	38.49 0.04 0.00	37.84 0.06 0.00	42.02 0.08 0.00	53.08 0.20 0.00	56.31 0.33 0.00	49.82 0.30 0.00	38.05 0.15 0.00	49.08 0.17 0.00	37.34 -0.11 0.00	56.33 -0.49 0.00	49.93 -0.32 0.00	54.02 0.01 0.00	48.31 0.28 0.00	35.70 0.28 0.00	34.57 0.22 0.00
LITTLRIV_115KV_TB1 356100	36.66 0.52 0.00	39.08 0.36 0.00	41.92 0.19 0.00	36.84 0.20 0.00	36.20 0.01 0.00	36.42 -0.07 0.00	35.87 -0.06 0.00	36.34 -0.04 0.00	38.29 0.11 0.00	38.58 0.13 0.00	38.00 0.23 0.00	42.09 0.14 0.00	53.01 0.13 0.00	56.26 0.28 0.00	49.87 0.35 0.00	38.19 0.29 0.00	49.37 0.46 0.00	37.60 0.15 0.00	57.41 0.58 0.00	50.52 0.28 0.00	54.54 0.53 0.00	48.26 0.24 0.00	35.44 0.03 0.00	34.28 -0.07 0.00
LI_NEWBRDGE____DRP 323616	38.07 1.93 0.00	40.98 2.26 0.00	44.13 2.40 0.00	38.85 2.21 0.00	38.43 2.24 0.00	38.55 2.07 0.00	38.17 2.24 0.00	38.90 2.52 0.00	40.36 2.18 0.00	43.33 2.31 -2.57	66.60 2.42 -26.41	70.35 2.73 -25.68	73.12 3.44 -16.79	61.49 3.49 -2.02	52.91 3.39 0.00	41.35 2.73 -0.72	52.13 3.05 -0.16	39.67 2.22 0.00	59.34 2.52 0.00	52.87 2.62 0.00	57.24 3.23 0.00	50.68 2.65 0.00	37.71 2.29 0.00	36.86 2.51 0.00
LOCKPORT_115KV_TB60_63_64 80432	36.21 0.08 0.00	38.64 -0.08 0.00	41.12 -0.62 0.00	35.90 -0.74 0.00	35.42 -0.77 0.00	35.86 -0.63 0.00	35.53 -0.40 0.00	35.50 -0.88 0.00	37.44 -0.74 0.00	37.46 -0.98 0.00	36.84 -0.93 0.00	40.90 -1.04 0.00	51.47 -1.41 0.00	54.28 -1.70 0.00	47.79 -1.73 0.00	36.36 -1.54 0.00	47.58 -1.33 0.00	36.19 -1.26 0.00	55.39 -1.43 0.00	48.93 -1.32 0.00	53.10 -0.90 0.00	48.15 0.12 0.00	35.41 0.00 0.00	34.02 -0.34 0.00
LOCKPORT____CC1 323769	36.07 -0.07 0.00	38.48 -0.24 0.00	40.97 -0.77 0.00	35.76 -0.87 0.00	35.28 -0.91 0.00	35.73 -0.75 0.00	35.40 -0.54 0.00	35.38 -1.00 0.00	37.31 -0.86 0.00	37.33 -1.13 0.00	36.72 -1.05 0.00	40.75 -1.18 0.00	51.30 -1.58 0.00	54.07 -1.91 0.00	47.61 -1.91 0.00	36.21 -1.69 0.00	47.39 -1.53 0.00	36.06 -1.39 0.00	55.21 -1.62 0.00	48.75 -1.50 0.00	52.93 -1.07 0.00	48.02 -0.01 0.00	35.34 -0.08 0.00	34.00 -0.35 0.00
LOCKPORT____CC2 323770	36.07 -0.07 0.00	38.48 -0.24 0.00	40.97 -0.77 0.00	35.76 -0.87 0.00	35.28 -0.91 0.00	35.73 -0.75 0.00	35.40 -0.54 0.00	35.38 -1.00 0.00	37.31 -0.86 0.00	37.33 -1.13 0.00	36.72 -1.05 0.00	40.75 -1.18 0.00	51.30 -1.58 0.00	54.07 -1.91 0.00	47.61 -1.91 0.00	36.21 -1.69 0.00	47.39 -1.53 0.00	36.06 -1.39 0.00	55.21 -1.62 0.00	48.75 -1.50 0.00	52.93 -1.07 0.00	48.02 -0.01 0.00	35.34 -0.08 0.00	34.00 -0.35 0.00
LOCKPORT____CC3 323771	36.07 -0.07 0.00	38.48 -0.24 0.00	40.97 -0.77 0.00	35.76 -0.87 0.00	35.28 -0.91 0.00	35.73 -0.75 0.00	35.40 -0.54 0.00	35.38 -1.00 0.00	37.31 -0.86 0.00	37.33 -1.13 0.00	36.72 -1.05 0.00	40.75 -1.18 0.00	51.30 -1.58 0.00	54.07 -1.91 0.00	47.61 -1.91 0.00	36.21 -1.69 0.00	47.39 -1.53 0.00	36.06 -1.39 0.00	55.21 -1.62 0.00	48.75 -1.50 0.00	52.93 -1.07 0.00	48.02 -0.01 0.00	35.34 -0.08 0.00	34.00 -0.35 0.00

LONG_LAKE_PHOENIX 24014	35.54 -0.59 0.00	38.05 -0.67 0.00	40.95 -0.78 0.00	35.92 -0.71 0.00	35.50 -0.69 0.00	35.81 -0.68 0.00	35.33 -0.61 0.00	35.75 -0.64 0.00	37.52 -0.65 0.00	37.74 -0.71 0.00	37.13 -0.64 0.00	41.24 -0.70 0.00	52.09 -0.79 0.00	55.20 -0.78 0.00	48.70 -0.82 0.00	37.18 -0.72 0.00	48.06 -0.85 0.00	36.74 -0.71 0.00	55.80 -1.03 0.00	49.36 -0.89 0.00	53.09 -0.91 0.00	47.36 -0.67 0.00	34.86 -0.55 0.00	33.70 -0.66 0.00
LOVETT___3 23632	37.48 1.35 0.00	40.31 1.59 0.00	43.30 1.57 0.00	38.00 1.37 0.00	37.64 1.45 0.00	37.86 1.37 0.00	37.45 1.52 0.00	38.10 1.71 0.00	39.62 1.45 0.00	39.92 1.47 0.00	39.40 1.63 0.00	43.88 1.94 0.00	55.36 2.48 0.00	58.75 2.76 0.00	52.19 2.67 0.00	40.01 2.11 0.00	51.10 2.36 0.18	39.17 1.72 0.00	58.96 2.14 0.00	52.21 1.96 0.00	56.20 2.19 0.00	49.88 1.86 0.00	37.00 1.58 0.00	36.11 1.76 0.00
LOVETT___4 23642	37.48 1.35 0.00	40.31 1.59 0.00	43.30 1.57 0.00	38.00 1.37 0.00	37.64 1.45 0.00	37.86 1.37 0.00	37.45 1.52 0.00	38.10 1.71 0.00	39.62 1.45 0.00	39.92 1.47 0.00	39.40 1.63 0.00	43.88 1.94 0.00	55.36 2.48 0.00	58.75 2.76 0.00	52.19 2.67 0.00	40.01 2.11 0.00	51.10 2.36 0.18	39.17 1.72 0.00	58.96 2.14 0.00	52.21 1.96 0.00	56.20 2.19 0.00	49.88 1.86 0.00	37.00 1.58 0.00	36.11 1.76 0.00
LOVETT___5 23593	37.48 1.35 0.00	40.31 1.59 0.00	43.30 1.57 0.00	38.00 1.37 0.00	37.64 1.45 0.00	37.86 1.37 0.00	37.45 1.52 0.00	38.10 1.71 0.00	39.62 1.45 0.00	39.92 1.47 0.00	39.40 1.63 0.00	43.88 1.94 0.00	55.36 2.48 0.00	58.75 2.76 0.00	52.19 2.67 0.00	40.01 2.11 0.00	51.10 2.36 0.18	39.17 1.72 0.00	58.96 2.14 0.00	52.21 1.96 0.00	56.20 2.19 0.00	49.88 1.86 0.00	37.00 1.58 0.00	36.11 1.76 0.00
LOWER RAQUET___HYD 24057	36.24 0.10 0.00	38.64 -0.08 0.00	41.46 -0.28 0.00	36.43 -0.20 0.00	35.75 -0.43 0.00	35.92 -0.56 0.00	35.36 -0.58 0.00	35.81 -0.56 0.00	37.69 -0.49 0.00	37.99 -0.46 0.00	37.30 -0.47 0.00	41.31 -0.62 0.00	52.00 -0.88 0.00	55.09 -0.89 0.00	48.85 -0.67 0.00	37.40 -0.49 0.00	48.38 -0.53 0.00	37.02 -0.43 0.00	56.46 -0.37 0.00	49.74 -0.51 0.00	53.72 -0.28 0.00	47.53 -0.49 0.00	34.93 -0.48 0.00	33.78 -0.57 0.00
LOWER___HUDSON 24059	37.69 1.55 0.00	40.54 1.82 0.00	43.86 2.12 0.00	38.50 1.86 0.00	38.06 1.87 0.00	38.25 1.77 0.00	42.54 1.72 -4.88	83.63 1.98 -45.27	45.52 1.70 -5.65	41.39 1.71 -1.23	39.40 1.63 0.00	43.69 1.75 0.00	55.00 2.12 0.00	58.28 2.30 0.00	51.55 2.03 0.00	39.52 1.62 0.00	50.76 1.81 -0.05	38.91 1.46 0.00	58.91 2.09 0.00	52.19 1.95 0.00	62.30 2.29 -6.01	50.16 2.14 0.00	37.14 1.73 0.00	36.09 1.74 0.00
LOWVILLE_115KV_TB2 356335	37.18 1.04 0.00	39.63 0.91 0.00	42.39 0.65 0.00	37.29 0.66 0.00	36.84 0.65 0.00	37.08 0.60 0.00	36.63 0.70 0.00	37.19 0.80 0.00	39.12 0.94 0.00	39.43 0.98 0.00	38.81 1.04 0.00	42.90 0.96 0.00	54.09 1.20 0.00	57.30 1.31 0.00	50.55 1.03 0.00	38.48 0.58 0.00	49.58 0.67 0.00	37.96 0.50 0.00	57.82 0.99 0.00	51.06 0.81 0.00	54.98 0.98 0.00	48.61 0.59 0.00	35.55 0.14 0.00	34.04 -0.31 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.42 2.28 0.00	41.23 2.51 0.00	44.54 2.81 0.00	39.08 2.45 0.00	38.61 2.42 0.00	38.85 2.37 0.00	40.36 2.31 -2.11	58.52 2.56 -19.59	43.02 2.40 -2.44	41.39 2.41 -0.53	40.08 2.31 0.00	44.49 2.55 0.00	56.05 3.16 0.00	59.46 3.48 0.00	52.69 3.17 0.00	40.38 2.48 0.00	51.86 2.90 -0.05	39.68 2.23 0.00	60.13 3.30 0.00	53.17 2.92 0.00	59.94 3.34 -2.60	51.09 3.07 0.00	37.78 2.36 0.00	36.65 2.30 0.00
LUTHERNY_35_KV_BK2 355980	38.46 2.32 0.00	41.26 2.54 0.00	44.57 2.84 0.00	39.11 2.48 0.00	38.60 2.42 0.00	38.88 2.39 0.00	40.42 2.37 -2.11	58.58 2.61 -19.59	43.04 2.42 -2.44	41.43 2.45 -0.53	40.14 2.37 0.00	44.55 2.61 0.00	56.13 3.25 0.00	59.52 3.54 0.00	52.74 3.22 0.00	40.43 2.53 0.00	51.92 2.96 -0.05	39.75 2.30 0.00	60.23 3.40 0.00	53.22 2.98 0.00	60.02 3.42 -2.60	51.12 3.10 0.00	37.79 2.38 0.00	36.67 2.31 0.00
LWR___OSWEGATCHIE_HYD 23850	36.69 0.55 0.00	39.11 0.39 0.00	41.87 0.14 0.00	36.82 0.19 0.00	36.26 0.08 0.00	36.46 -0.03 0.00	35.95 0.02 0.00	36.46 0.08 0.00	38.36 0.18 0.00	38.67 0.22 0.00	37.98 0.21 0.00	42.00 0.06 0.00	52.94 0.06 0.00	56.08 0.10 0.00	49.59 0.07 0.00	37.83 -0.07 0.00	48.81 -0.10 0.00	37.41 -0.04 0.00	57.02 0.20 0.00	50.32 0.08 0.00	54.33 0.32 0.00	48.06 0.04 0.00	35.24 -0.18 0.00	33.91 -0.44 0.00
LYONS_FALL_HYD 23570	37.15 1.02 0.00	39.67 0.96 0.00	42.59 0.86 0.00	37.42 0.79 0.00	36.96 0.77 0.00	37.25 0.76 0.00	36.79 0.86 0.00	37.33 0.95 0.00	39.24 1.07 0.00	39.57 1.12 0.00	39.01 1.24 0.00	43.23 1.29 0.00	54.52 1.64 0.00	57.72 1.73 0.00	51.06 1.54 0.00	38.92 1.02 0.00	50.01 1.10 0.00	38.22 0.77 0.00	58.13 1.30 0.00	51.35 1.10 0.00	55.28 1.28 0.00	49.02 1.00 0.00	35.95 0.53 0.00	34.56 0.21 0.00
MADISON___COUNTY_LFGE 323628	37.20 1.06 0.00	39.74 1.03 0.00	42.81 1.07 0.00	37.55 0.91 0.00	37.08 0.89 0.00	37.44 0.95 0.00	36.96 1.02 0.00	37.50 1.11 0.00	39.39 1.22 0.00	39.76 1.31 0.00	39.21 1.44 0.00	43.50 1.56 0.00	54.90 2.02 0.00	58.10 2.12 0.00	51.54 2.03 0.00	39.40 1.51 0.00	50.78 1.86 0.00	38.76 1.31 0.00	58.85 2.03 0.00	52.05 1.80 0.00	56.07 2.06 0.00	49.83 1.81 0.00	36.59 1.17 0.00	35.25 0.90 0.00
MALONE___115KV_TB1 356076	36.69 0.55 0.00	39.09 0.37 0.00	41.98 0.24 0.00	36.89 0.25 0.00	36.29 0.10 0.00	36.69 0.20 0.00	36.21 0.28 0.00	36.81 0.43 0.00	38.80 0.63 0.00	39.15 0.69 0.00	38.49 0.72 0.00	42.59 0.65 0.00	53.76 0.88 0.00	56.67 0.69 0.00	50.29 0.77 0.00	38.63 0.73 0.00	50.04 1.13 0.00	38.27 0.82 0.00	58.24 1.41 0.00	51.30 1.06 0.00	55.18 1.17 0.00	48.87 0.85 0.00	35.91 0.50 0.00	34.77 0.42 0.00
MAPLEWOD_115KV_TB3 80458	37.67 1.54 0.00	40.48 1.76 0.00	43.78 2.04 0.00	38.42 1.78 0.00	37.99 1.80 0.00	38.20 1.72 0.00	35.26 1.59 2.27	17.11 1.78 21.05	37.03 1.48 2.63	39.45 1.57 0.57	39.28 1.51 0.00	43.60 1.66 0.00	55.01 2.13 0.00	58.31 2.33 0.00	51.53 2.01 0.00	39.41 1.51 0.00	50.64 1.68 -0.05	38.79 1.34 0.00	58.66 1.83 0.00	51.97 1.72 0.00	53.22 2.01 2.79	49.92 1.89 0.00	36.95 1.53 0.00	35.89 1.54 0.00
MAPLE RIDGE_WT_1 323574	35.93 -0.20 0.00	38.53 -0.19 0.00	41.38 -0.36 0.00	36.44 -0.19 0.00	36.01 -0.18 0.00	36.34 -0.15 0.00	35.79 -0.15 0.00	36.23 -0.15 0.00	38.06 -0.11 0.00	38.34 -0.12 0.00	37.66 -0.12 0.00	41.78 -0.16 0.00	52.63 -0.25 0.00	55.75 -0.23 0.00	49.28 -0.24 0.00	37.76 -0.14 0.00	48.80 -0.11 0.00	37.38 -0.08 0.00	56.76 -0.07 0.00	50.15 -0.09 0.00	53.79 -0.21 0.00	47.68 -0.34 0.00	35.16 -0.26 0.00	34.06 -0.29 0.00

MAPLE_RIDGE_WT_2 323611	35.93 -0.20 0.00	38.53 -0.19 0.00	41.38 -0.36 0.00	36.44 -0.19 0.00	36.01 -0.18 0.00	36.34 -0.15 0.00	35.79 -0.15 0.00	36.23 -0.15 0.00	38.06 -0.11 0.00	38.34 -0.12 0.00	37.66 -0.12 0.00	41.78 -0.16 0.00	52.63 -0.25 0.00	55.75 -0.23 0.00	49.28 -0.24 0.00	37.76 -0.14 0.00	48.80 -0.11 0.00	37.38 -0.08 0.00	56.76 -0.07 0.00	50.15 -0.09 0.00	53.79 -0.21 0.00	47.68 -0.34 0.00	35.16 -0.26 0.00	34.06 -0.29 0.00
MARBLE_RIVER_WT_PWR 323696	36.37 0.23 0.00	38.84 0.12 0.00	41.67 -0.07 0.00	36.65 0.02 0.00	36.12 -0.07 0.00	36.56 0.07 0.00	36.12 0.18 0.00	36.69 0.31 0.00	38.62 0.45 0.00	38.93 0.48 0.00	38.29 0.52 0.00	42.47 0.54 0.00	53.53 0.65 0.00	56.39 0.41 0.00	50.02 0.50 0.00	38.47 0.58 0.00	49.80 0.89 0.00	38.15 0.70 0.00	58.03 1.21 0.00	51.13 0.88 0.00	54.88 0.87 0.00	48.64 0.61 0.00	35.80 0.39 0.00	34.72 0.37 0.00
MARSHVLE_115KV_TB1 80742	39.32 3.18 0.00	41.99 3.28 0.00	45.10 3.36 0.00	39.53 2.90 0.00	39.06 2.87 0.00	39.47 2.98 0.00	39.00 3.07 0.00	39.47 3.08 0.00	41.71 3.53 0.00	41.96 3.51 0.00	41.30 3.53 0.00	45.65 3.71 0.00	57.56 4.68 0.00	60.89 4.91 0.00	53.92 4.40 0.00	41.41 3.51 0.00	53.70 4.76 -0.03	41.16 3.71 0.00	62.56 5.74 0.00	55.03 4.78 0.00	58.95 4.94 0.00	52.50 4.48 0.00	38.52 3.11 0.00	37.18 2.83 0.00
MARSH_HILL_WT_PWR 323713	37.27 1.13 0.00	39.74 1.03 0.00	42.39 0.65 0.00	37.16 0.53 0.00	36.72 0.53 0.00	37.22 0.74 0.00	36.80 0.86 0.00	37.06 0.68 0.00	39.18 1.01 0.00	39.36 0.90 0.00	38.73 0.96 0.00	42.95 1.02 0.00	54.09 1.21 0.00	56.48 0.50 0.00	49.91 0.39 0.00	38.07 0.17 0.00	49.63 0.72 0.00	37.63 0.18 0.00	57.75 0.92 0.00	51.16 0.92 0.00	55.56 1.55 0.00	49.93 1.91 0.00	36.56 1.14 0.00	35.09 0.73 0.00
MCINTYRE_115KV_TB2 80467	36.91 0.77 0.00	39.36 0.64 0.00	42.23 0.49 0.00	37.10 0.46 0.00	36.51 0.33 0.00	36.80 0.32 0.00	36.27 0.34 0.00	36.73 0.35 0.00	38.73 0.55 0.00	39.01 0.56 0.00	38.38 0.61 0.00	42.50 0.56 0.00	53.54 0.66 0.00	56.86 0.88 0.00	50.37 0.85 0.00	38.60 0.70 0.00	49.91 1.00 0.00	38.02 0.57 0.00	58.09 1.26 0.00	51.09 0.84 0.00	55.08 1.08 0.00	48.77 0.74 0.00	35.82 0.41 0.00	34.66 0.31 0.00
MECO____69_KV_BK1 80468	40.02 3.89 0.00	42.76 4.04 0.00	46.01 4.27 0.00	40.30 3.66 0.00	39.82 3.63 0.00	40.22 3.73 0.00	39.61 3.68 0.00	40.20 3.82 0.00	41.97 3.79 0.00	42.68 4.23 0.00	41.99 4.22 0.00	45.85 3.91 0.00	58.36 5.48 0.00	62.46 6.48 0.00	55.79 6.27 0.00	43.44 5.55 0.00	56.07 7.13 -0.04	42.00 4.55 0.00	63.57 6.75 0.00	55.77 5.52 0.00	60.32 6.32 0.00	53.65 5.62 0.00	39.38 3.96 0.00	37.97 3.62 0.00
MENANDS__115KV_TB5 355628	37.19 1.05 0.00	40.01 1.29 0.00	43.29 1.55 0.00	38.01 1.37 0.00	37.58 1.39 0.00	37.78 1.30 0.00	34.43 1.16 2.67	12.97 1.32 24.73	36.04 0.95 3.08	38.81 1.02 0.67	38.72 0.95 0.00	42.97 1.04 0.00	54.14 1.26 0.00	57.39 1.41 0.00	50.65 1.13 0.00	38.79 0.89 0.00	49.83 0.87 -0.05	38.22 0.77 0.00	57.80 0.97 0.00	51.24 0.99 0.00	51.95 1.22 3.28	49.23 1.21 0.00	36.48 1.06 0.00	35.48 1.13 0.00
MG INDUSTRY__DRP 24185	37.13 0.99 0.00	39.97 1.25 0.00	43.35 1.62 0.00	38.07 1.44 0.00	37.65 1.46 0.00	37.87 1.39 0.00	35.65 1.22 1.51	23.61 1.24 14.02	37.31 0.89 1.75	39.01 0.93 0.38	38.64 0.87 0.00	42.86 0.92 0.00	53.97 1.09 0.00	57.24 1.26 0.00	50.50 0.98 0.00	38.68 0.78 0.00	49.72 0.76 -0.04	38.14 0.69 0.00	57.71 0.89 0.00	51.17 0.92 0.00	53.32 1.18 1.86	49.28 1.25 0.00	36.53 1.11 0.00	35.51 1.16 0.00
MID__OSWEGATCHIE_HYD 23849	36.69 0.55 0.00	39.11 0.39 0.00	41.87 0.14 0.00	36.82 0.19 0.00	36.26 0.08 0.00	36.46 -0.03 0.00	35.95 0.02 0.00	36.46 0.08 0.00	38.36 0.18 0.00	38.67 0.22 0.00	37.98 0.21 0.00	42.00 0.06 0.00	52.94 0.06 0.00	56.08 0.10 0.00	49.59 0.07 0.00	37.83 -0.07 0.00	48.81 -0.10 0.00	37.41 -0.04 0.00	57.02 0.20 0.00	50.32 0.08 0.00	54.33 0.32 0.00	48.06 0.04 0.00	35.24 -0.18 0.00	33.91 -0.44 0.00
MID__RAQUETTE_HYD 23851	36.24 0.10 0.00	38.64 -0.08 0.00	41.45 -0.28 0.00	36.43 -0.21 0.00	35.75 -0.43 0.00	35.92 -0.56 0.00	35.35 -0.58 0.00	35.81 -0.56 0.00	37.69 -0.49 0.00	37.99 -0.46 0.00	37.30 -0.48 0.00	41.31 -0.63 0.00	52.00 -0.88 0.00	55.09 -0.89 0.00	48.85 -0.67 0.00	37.40 -0.49 0.00	48.38 -0.54 0.00	37.02 -0.43 0.00	56.46 -0.37 0.00	49.73 -0.52 0.00	53.72 -0.28 0.00	47.53 -0.49 0.00	34.93 -0.48 0.00	33.78 -0.57 0.00
MILLIKEN__1 23584	37.10 0.96 0.00	39.66 0.94 0.00	42.70 0.97 0.00	37.42 0.78 0.00	36.97 0.78 0.00	37.36 0.88 0.00	36.89 0.95 0.00	37.39 1.00 0.00	39.32 1.14 0.00	39.54 1.09 0.00	38.82 1.05 0.00	43.13 1.19 0.00	54.49 1.61 0.00	57.56 1.58 0.00	51.05 1.53 0.00	38.91 1.01 0.00	50.29 1.38 0.00	38.38 0.93 0.00	58.46 1.63 0.00	51.64 1.40 0.00	55.72 1.72 0.00	49.65 1.62 0.00	36.45 1.03 0.00	35.15 0.79 0.00
MILLIKEN__2 23585	37.10 0.96 0.00	39.66 0.94 0.00	42.70 0.97 0.00	37.42 0.78 0.00	36.97 0.78 0.00	37.36 0.88 0.00	36.89 0.95 0.00	37.39 1.00 0.00	39.32 1.14 0.00	39.54 1.09 0.00	38.82 1.05 0.00	43.13 1.19 0.00	54.49 1.61 0.00	57.56 1.58 0.00	51.05 1.53 0.00	38.91 1.01 0.00	50.29 1.38 0.00	38.38 0.93 0.00	58.46 1.63 0.00	51.64 1.40 0.00	55.72 1.72 0.00	49.65 1.62 0.00	36.45 1.03 0.00	35.15 0.79 0.00
MILLIKEN__DIESEL 23629	37.10 0.96 0.00	39.66 0.94 0.00	42.70 0.97 0.00	37.42 0.78 0.00	36.97 0.78 0.00	37.36 0.88 0.00	36.89 0.95 0.00	37.39 1.00 0.00	39.32 1.14 0.00	39.54 1.09 0.00	38.82 1.05 0.00	43.13 1.19 0.00	54.49 1.61 0.00	57.56 1.58 0.00	51.05 1.53 0.00	38.91 1.01 0.00	50.29 1.38 0.00	38.38 0.93 0.00	58.46 1.63 0.00	51.64 1.40 0.00	55.72 1.72 0.00	49.65 1.62 0.00	36.45 1.03 0.00	35.15 0.79 0.00
MILLSEAT__LFGE 323607	37.04 0.90 0.00	39.47 0.75 0.00	42.05 0.31 0.00	36.70 0.07 0.00	36.22 0.04 0.00	36.68 0.19 0.00	36.37 0.43 0.00	36.46 0.08 0.00	38.53 0.35 0.00	38.60 0.15 0.00	38.01 0.24 0.00	42.15 0.22 0.00	52.97 0.09 0.00	55.78 -0.20 0.00	49.11 -0.41 0.00	37.39 -0.51 0.00	48.87 -0.04 0.00	37.16 -0.29 0.00	56.96 0.14 0.00	50.38 0.14 0.00	54.62 0.61 0.00	49.34 1.31 0.00	36.21 0.79 0.00	34.73 0.38 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.70 1.56 0.00	40.56 1.84 0.00	43.58 1.85 0.00	38.28 1.65 0.00	37.91 1.72 0.00	38.13 1.64 0.00	37.70 1.76 0.00	38.35 1.97 0.00	39.88 1.71 0.00	40.19 1.74 0.00	39.61 1.84 0.00	44.09 2.16 0.00	55.63 2.75 0.00	59.02 3.03 0.00	52.40 2.88 0.00	40.20 2.30 0.00	51.71 2.63 -0.17	39.38 1.93 0.00	59.28 2.45 0.00	52.47 2.22 0.00	56.48 2.47 0.00	50.13 2.10 0.00	37.19 1.77 0.00	36.27 1.93 0.00

MILLWOOD_13_KV_LOAD 356217	37.84 1.70 0.00	40.70 1.99 0.00	43.73 2.00 0.00	38.40 1.77 0.00	38.03 1.84 0.00	38.24 1.76 0.00	37.84 1.90 0.00	38.50 2.12 0.00	40.04 1.87 0.00	40.36 1.91 0.00	39.79 2.02 0.00	44.30 2.37 0.00	55.90 3.02 0.00	59.32 3.34 0.00	52.69 3.17 0.00	40.41 2.51 0.00	51.98 2.90 -0.17	39.59 2.14 0.00	59.57 2.74 0.00	52.72 2.48 0.00	56.75 2.74 0.00	50.36 2.34 0.00	37.35 1.94 0.00	36.42 2.07 0.00
MODEL_CITY_ENERGY 24167	35.93 -0.21 0.00	38.35 -0.36 0.00	40.83 -0.90 0.00	35.65 -0.99 0.00	35.17 -1.02 0.00	35.62 -0.87 0.00	35.28 -0.66 0.00	35.19 -1.20 0.00	37.06 -1.12 0.00	37.07 -1.39 0.00	36.46 -1.31 0.00	40.47 -1.47 0.00	50.94 -1.94 0.00	53.73 -2.25 0.00	47.30 -2.22 0.00	35.98 -1.91 0.00	47.12 -1.79 0.00	35.84 -1.61 0.00	54.83 -2.00 0.00	48.45 -1.80 0.00	52.60 -1.41 0.00	47.67 -0.35 0.00	35.06 -0.36 0.00	33.63 -0.72 0.00
MODERN_LFGE_ 323580	35.93 -0.21 0.00	38.35 -0.36 0.00	40.83 -0.90 0.00	35.65 -0.99 0.00	35.17 -1.02 0.00	35.62 -0.87 0.00	35.28 -0.66 0.00	35.19 -1.20 0.00	37.06 -1.12 0.00	37.07 -1.39 0.00	36.46 -1.31 0.00	40.47 -1.47 0.00	50.94 -1.94 0.00	53.73 -2.25 0.00	47.30 -2.22 0.00	35.98 -1.91 0.00	47.12 -1.79 0.00	35.84 -1.61 0.00	54.83 -2.00 0.00	48.45 -1.80 0.00	52.60 -1.41 0.00	47.67 -0.35 0.00	35.06 -0.36 0.00	33.63 -0.72 0.00
MOHAWK_PAPER___DRP 24187	37.67 1.54 0.00	40.48 1.76 0.00	43.78 2.04 0.00	38.42 1.78 0.00	37.99 1.80 0.00	38.20 1.72 0.00	35.26 1.59 2.27	17.11 1.78 21.05	37.03 1.48 2.63	39.45 1.57 0.57	39.28 1.51 0.00	43.60 1.66 0.00	55.01 2.13 0.00	58.31 2.33 0.00	51.53 2.01 0.00	39.41 1.51 0.00	50.64 1.68 -0.05	38.79 1.34 0.00	58.66 1.83 0.00	51.97 1.72 0.00	53.22 2.01 2.79	49.92 1.89 0.00	36.95 1.53 0.00	35.89 1.54 0.00
MOHICAN___35_KV_115KV_LD 80490	38.78 2.64 0.00	41.58 2.87 0.00	44.78 3.05 0.00	39.30 2.67 0.00	38.85 2.67 0.00	39.08 2.59 0.00	40.48 2.58 -1.97	57.52 2.88 -18.25	43.27 2.82 -2.28	41.68 2.74 -0.49	40.29 2.52 0.00	44.69 2.75 0.00	56.29 3.40 0.00	59.89 3.90 0.00	53.09 3.57 0.00	40.84 2.94 0.00	52.35 3.40 -0.05	39.96 2.51 0.00	60.75 3.92 0.00	53.55 3.30 0.00	60.30 3.87 -2.42	51.73 3.70 0.00	38.21 2.79 0.00	37.02 2.67 0.00
MONGAUP___HYD 23641	37.85 1.71 0.00	40.58 1.87 0.00	43.67 1.93 0.00	38.29 1.66 0.00	37.85 1.66 0.00	38.08 1.60 0.00	37.61 1.67 0.00	38.23 1.85 0.00	39.83 1.66 0.00	40.38 1.93 0.00	39.61 1.84 0.00	43.96 2.02 0.00	55.46 2.58 0.00	59.08 3.10 0.00	52.56 3.04 0.00	40.08 2.18 0.00	51.24 2.46 0.12	39.26 1.81 0.00	59.36 2.53 0.00	53.32 3.07 0.00	56.93 2.93 0.00	50.52 2.49 0.00	37.42 2.01 0.00	36.35 2.00 0.00
MONTAUK___DIESEL 23721	40.50 4.37 0.00	43.51 4.79 0.00	47.16 5.42 0.00	41.73 5.10 0.00	41.21 5.03 0.00	41.17 4.69 0.00	40.98 5.05 0.00	41.87 5.49 0.00	43.45 5.28 0.00	46.53 5.51 -2.57	70.30 6.10 -26.42	124.65 6.93 -75.78	143.10 7.94 -82.28	65.74 7.73 -2.03	93.23 7.40 -36.31	69.79 5.95 -25.94	88.11 7.24 -31.96	78.42 5.27 -35.70	83.90 6.87 -20.20	80.77 6.60 -23.93	157.57 8.36 -95.21	57.43 7.33 -2.08	41.36 5.61 -0.33	40.29 5.58 -0.36
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.91 1.78 0.00	40.37 1.65 0.00	43.04 1.30 0.00	37.59 0.96 0.00	37.08 0.89 0.00	37.73 1.24 0.00	37.49 1.55 0.00	37.75 1.37 0.00	39.98 1.80 0.00	40.00 1.55 0.00	39.45 1.68 0.00	43.81 1.87 0.00	55.20 2.32 0.00	58.30 2.32 0.00	51.53 2.02 0.00	38.93 1.04 0.00	50.89 1.98 0.00	38.60 1.15 0.00	58.98 2.15 0.00	52.11 1.86 0.00	56.44 2.44 0.00	50.71 2.68 0.00	36.98 1.56 0.00	35.37 1.01 0.00
MORTIMER_115KV_TB3 55949	36.74 0.61 0.00	39.21 0.49 0.00	41.91 0.18 0.00	36.63 0.00 0.00	36.15 -0.04 0.00	36.55 0.07 0.00	36.20 0.26 0.00	36.51 0.13 0.00	38.54 0.37 0.00	38.72 0.27 0.00	38.06 0.29 0.00	42.23 0.29 0.00	53.16 0.28 0.00	56.13 0.15 0.00	49.48 -0.04 0.00	37.76 -0.13 0.00	49.19 0.27 0.00	37.56 0.10 0.00	57.32 0.49 0.00	50.64 0.39 0.00	54.64 0.64 0.00	48.96 0.93 0.00	35.86 0.45 0.00	34.47 0.12 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.77 1.63 0.00	40.71 2.00 0.00	43.69 1.96 0.00	38.42 1.79 0.00	38.09 1.90 0.00	38.30 1.81 0.00	37.90 1.97 0.00	38.56 2.18 0.00	40.03 1.85 0.00	40.31 1.86 0.00	39.74 1.97 0.00	44.27 2.33 0.00	55.86 2.97 0.00	59.26 3.28 0.00	52.63 3.11 0.00	40.37 2.47 0.00	51.90 2.82 -0.16	39.52 2.07 0.00	59.43 2.61 0.00	52.61 2.36 0.00	56.60 2.60 0.00	50.21 2.19 0.00	37.27 1.85 0.00	36.39 2.04 0.00
MUNSVILLE_WIND_PWR 323609	39.18 3.04 0.00	41.61 2.89 0.00	44.94 3.20 0.00	39.53 2.90 0.00	39.10 2.91 0.00	39.61 3.12 0.00	39.30 3.36 0.00	39.80 3.42 0.00	41.97 3.80 0.00	42.09 3.63 0.00	41.52 3.75 0.00	46.04 4.10 0.00	58.06 5.18 0.00	61.36 5.38 0.00	54.10 4.58 0.00	41.23 3.34 0.00	54.03 5.12 0.00	41.14 3.69 0.00	62.71 5.89 0.00	55.26 5.01 0.00	59.60 5.59 0.00	53.13 5.11 0.00	38.82 3.40 0.00	37.14 2.79 0.00
N SALMON___HYD 24042	36.69 0.56 0.00	39.09 0.37 0.00	41.98 0.25 0.00	36.89 0.26 0.00	36.29 0.10 0.00	36.69 0.20 0.00	36.22 0.28 0.00	36.81 0.43 0.00	38.80 0.63 0.00	39.15 0.69 0.00	38.49 0.72 0.00	42.60 0.66 0.00	53.76 0.88 0.00	56.67 0.69 0.00	50.29 0.77 0.00	38.63 0.73 0.00	50.04 1.13 0.00	38.27 0.82 0.00	58.24 1.41 0.00	51.30 1.06 0.00	55.18 1.17 0.00	48.87 0.85 0.00	35.91 0.50 0.00	34.77 0.42 0.00
N.AKRON___115KV_KNAPP 355671	36.87 0.73 0.00	39.29 0.57 0.00	41.85 0.11 0.00	36.52 -0.11 0.00	36.05 -0.14 0.00	36.51 0.02 0.00	36.19 0.25 0.00	36.23 -0.15 0.00	38.27 0.09 0.00	38.34 -0.11 0.00	37.78 0.01 0.00	41.87 -0.07 0.00	52.67 -0.21 0.00	55.50 -0.49 0.00	48.88 -0.64 0.00	37.20 -0.70 0.00	48.62 -0.29 0.00	36.93 -0.52 0.00	56.57 -0.25 0.00	50.02 -0.23 0.00	54.24 0.23 0.00	49.05 1.03 0.00	36.03 0.61 0.00	34.57 0.22 0.00
N.BELMOR_69_KV_BK1 55787	38.38 2.25 0.00	41.31 2.59 0.00	44.45 2.72 0.00	39.12 2.48 0.00	38.70 2.51 0.00	38.84 2.36 0.00	38.44 2.51 0.00	39.19 2.81 0.00	40.65 2.47 0.00	43.59 2.57 -2.57	66.86 2.68 -26.41	70.81 3.05 -25.82	73.59 3.88 -16.83	62.02 4.02 -2.02	53.41 3.89 0.00	41.73 3.11 -0.72	52.67 3.60 -0.16	40.07 2.62 0.00	59.93 3.10 0.00	53.34 3.09 0.00	57.67 3.67 0.00	51.14 3.12 0.00	38.04 2.62 0.00	37.19 2.84 0.00
N.E._GEN_SANDY PD 24062	39.49 1.45 -1.91	46.99 1.72 -6.56	43.85 1.93 -0.19	38.46 1.71 -0.11	38.07 1.74 -0.15	37.47 1.61 0.63	37.47 1.54 0.01	46.38 1.74 -8.26	40.56 1.42 -0.97	40.08 1.49 -0.14	39.19 1.39 -0.03	43.31 1.46 0.08	54.44 1.74 0.18	55.38 1.86 2.46	51.09 1.66 0.09	39.76 1.42 -0.45	50.56 1.56 -0.08	38.75 1.30 0.00	58.49 1.70 0.04	51.85 1.60 0.00	56.91 1.88 -1.03	50.74 1.71 -1.01	39.75 1.50 -2.84	40.21 1.62 -4.24

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.58 1.44 0.00	40.39 1.68 0.00	43.39 1.65 0.00	38.07 1.44 0.00	37.70 1.51 0.00	37.93 1.44 0.00	37.52 1.59 0.00	38.17 1.79 0.00	39.71 1.53 0.00	40.02 1.57 0.00	39.50 1.73 0.00	44.00 2.07 0.00	55.54 2.66 0.00	58.94 2.96 0.00	52.39 2.87 0.00	40.16 2.26 0.00	51.29 2.55 0.17	39.30 1.85 0.00	59.16 2.34 0.00	52.38 2.13 0.00	56.37 2.37 0.00	50.02 2.00 0.00	37.09 1.67 0.00	36.20 1.85 0.00
N.QUEENS_27_KV_LOAD 356247	37.88 1.74 0.00	40.83 2.11 0.00	43.64 1.91 0.00	38.41 1.78 0.00	38.14 1.95 0.00	38.34 1.85 0.00	37.97 2.03 0.00	38.55 2.17 0.00	39.99 1.82 0.00	40.28 1.82 0.00	39.76 1.99 0.00	44.38 2.45 0.00	55.92 3.04 0.00	59.36 3.38 0.00	52.72 3.21 0.00	40.44 2.54 0.00	52.02 2.94 -0.16	39.58 2.13 0.00	59.48 2.66 0.00	52.69 2.44 0.00	56.66 2.66 0.00	50.23 2.21 0.00	37.32 1.91 0.00	36.47 2.12 0.00
N.TROY___115KV_TB1 355778	37.69 1.55 0.00	40.54 1.82 0.00	43.86 2.12 0.00	38.50 1.86 0.00	38.05 1.87 0.00	38.25 1.77 0.00	42.54 1.72 -4.88	83.63 1.98 -45.27	45.52 1.70 -5.65	41.39 1.71 -1.23	39.40 1.63 0.00	43.69 1.75 0.00	55.00 2.12 0.00	58.28 2.30 0.00	51.55 2.03 0.00	39.52 1.62 0.00	50.76 1.81 -0.05	38.91 1.46 0.00	58.91 2.09 0.00	52.20 1.95 0.00	62.31 2.30 -6.01	50.16 2.14 0.00	37.14 1.73 0.00	36.10 1.74 0.00
NARROWS_GT1_1 24228	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
NARROWS_GT1_2 24229	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
NARROWS_GT1_3 24230	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
NARROWS_GT1_4 24231	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
NARROWS_GT1_5 24232	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
NARROWS_GT1_6 24233	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
NARROWS_GT1_7 24234	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
NARROWS_GT1_8 24235	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
NARROWS_GT2_1 24236	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
NARROWS_GT2_2 24237	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
NARROWS_GT2_3 24238	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
NARROWS_GT2_4 24239	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01

NARROWS_GT2_5 24240	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
NARROWS_GT2_6 24241	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
NARROWS_GT2_7 24242	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
NARROWS_GT2_8 24243	37.88 1.74 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.12 0.00	38.65 2.27 0.00	40.10 1.93 0.00	40.34 1.89 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.14 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.59 2.18 -15.39	101.82 1.87 -64.53	36.47 2.11 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.97 1.83 0.00	40.82 2.10 0.00	44.24 2.50 0.00	38.80 2.16 0.00	38.35 2.16 0.00	38.58 2.09 0.00	36.42 1.95 1.47	24.89 2.10 13.60	38.12 1.65 1.70	39.70 1.61 0.37	39.23 1.46 0.00	43.54 1.61 0.00	55.01 2.13 0.00	58.97 2.99 0.00	51.82 2.30 0.00	39.62 1.72 0.00	50.76 1.82 -0.03	38.96 1.51 0.00	59.15 2.33 0.00	52.46 2.21 0.00	54.76 2.56 1.80	50.47 2.45 0.00	37.39 1.97 0.00	36.25 1.90 0.00
NCHELSEA_115KV_TR2 355582	38.17 2.03 0.00	40.98 2.26 0.00	44.09 2.35 0.00	38.69 2.06 0.00	38.31 2.12 0.00	38.52 2.04 0.00	38.06 2.12 0.00	38.78 2.40 0.00	40.42 2.24 0.00	40.76 2.31 0.00	40.16 2.39 0.00	44.71 2.77 0.00	56.49 3.61 0.00	59.96 3.98 0.00	53.16 3.64 0.00	40.79 2.89 0.00	52.37 3.42 -0.04	39.99 2.54 0.00	60.26 3.44 0.00	53.31 3.06 0.00	57.35 3.35 0.00	50.91 2.89 0.00	37.70 2.28 0.00	36.68 2.33 0.00
NEG CAPITAL___MECHNVIL 23645	38.46 2.32 0.00	41.29 2.57 0.00	44.59 2.86 0.00	39.12 2.49 0.00	38.63 2.45 0.00	38.88 2.39 0.00	41.19 2.35 -2.91	65.93 2.61 -26.94	44.00 2.46 -3.36	41.68 2.50 -0.73	40.16 2.39 0.00	44.64 2.70 0.00	56.25 3.37 0.00	59.68 3.70 0.00	52.87 3.35 0.00	40.50 2.60 0.00	52.01 3.05 -0.05	39.79 2.34 0.00	60.24 3.42 0.00	53.28 3.03 0.00	61.03 3.45 -3.57	51.18 3.16 0.00	37.84 2.42 0.00	36.70 2.35 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.08 -0.05 0.00	38.51 -0.21 0.00	41.23 -0.51 0.00	36.03 -0.60 0.00	35.57 -0.62 0.00	35.97 -0.52 0.00	35.61 -0.32 0.00	36.02 -0.37 0.00	37.99 -0.18 0.00	38.20 -0.25 0.00	37.55 -0.22 0.00	41.68 -0.26 0.00	52.54 -0.34 0.00	55.48 -0.50 0.00	48.97 -0.55 0.00	37.37 -0.53 0.00	48.58 -0.33 0.00	37.13 -0.32 0.00	56.64 -0.18 0.00	50.03 -0.22 0.00	53.91 -0.10 0.00	48.17 0.15 0.00	35.27 -0.15 0.00	33.91 -0.45 0.00
NEG CENTRAL___DRP 24199	36.64 0.50 0.00	39.15 0.43 0.00	42.03 0.29 0.00	36.82 0.18 0.00	36.37 0.19 0.00	36.80 0.31 0.00	36.38 0.44 0.00	36.88 0.50 0.00	38.84 0.66 0.00	39.05 0.60 0.00	38.40 0.63 0.00	42.64 0.70 0.00	53.89 1.00 0.00	56.93 0.94 0.00	50.23 0.71 0.00	38.25 0.35 0.00	49.52 0.61 0.00	37.81 0.36 0.00	57.65 0.82 0.00	50.96 0.71 0.00	54.93 0.92 0.00	48.99 0.97 0.00	35.96 0.54 0.00	34.63 0.27 0.00
NEG CENTRAL___INDECK 23768	37.25 1.11 0.00	39.65 0.93 0.00	42.31 0.58 0.00	37.01 0.37 0.00	36.56 0.37 0.00	37.05 0.56 0.00	36.68 0.75 0.00	37.00 0.62 0.00	39.03 0.85 0.00	39.12 0.67 0.00	38.15 0.38 0.00	42.21 0.27 0.00	52.98 0.10 0.00	55.44 -0.54 0.00	49.06 -0.46 0.00	37.49 -0.41 0.00	48.81 -0.10 0.00	37.38 -0.07 0.00	57.16 0.33 0.00	50.83 0.59 0.00	55.42 1.41 0.00	49.86 1.84 0.00	36.52 1.10 0.00	35.00 0.65 0.00
NEG CENTRAL___SENECA 23627	36.87 0.73 0.00	39.38 0.66 0.00	42.19 0.46 0.00	36.94 0.30 0.00	36.51 0.32 0.00	36.97 0.48 0.00	36.60 0.67 0.00	37.10 0.72 0.00	39.14 0.96 0.00	39.29 0.84 0.00	38.72 0.94 0.00	42.95 1.01 0.00	54.29 1.41 0.00	57.34 1.36 0.00	50.52 1.00 0.00	38.42 0.52 0.00	49.85 0.94 0.00	38.00 0.55 0.00	57.96 1.13 0.00	51.25 1.00 0.00	55.26 1.26 0.00	49.34 1.31 0.00	36.19 0.78 0.00	34.78 0.43 0.00
NEG CENTRAL___STATE_STREET 24147	36.94 0.81 0.00	39.52 0.81 0.00	42.55 0.81 0.00	37.25 0.61 0.00	36.79 0.60 0.00	37.23 0.75 0.00	36.76 0.83 0.00	37.26 0.88 0.00	39.19 1.01 0.00	39.52 1.06 0.00	38.55 0.78 0.00	42.96 1.02 0.00	54.27 1.39 0.00	57.18 1.19 0.00	50.65 1.13 0.00	38.61 0.71 0.00	49.74 0.83 0.00	38.20 0.74 0.00	58.32 1.49 0.00	51.40 1.15 0.00	55.46 1.45 0.00	49.37 1.34 0.00	36.18 0.76 0.00	34.96 0.61 0.00
NEG MILLWOOD___DRP 24198	38.26 2.13 0.00	41.09 2.37 0.00	44.16 2.43 0.00	38.79 2.15 0.00	38.39 2.20 0.00	38.61 2.12 0.00	38.17 2.24 0.00	38.88 2.50 0.00	40.49 2.32 0.00	40.86 2.41 0.00	40.27 2.50 0.00	44.84 2.90 0.00	56.66 3.78 0.00	60.18 4.20 0.00	53.41 3.89 0.00	40.99 3.09 0.00	52.68 3.68 -0.09	40.19 2.73 0.00	60.50 3.67 0.00	53.50 3.25 0.00	57.55 3.55 0.00	51.06 3.04 0.00	37.81 2.39 0.00	36.80 2.45 0.00
NEG NORTH_FLCN_SEA 23793	36.85 0.71 0.00	39.42 0.70 0.00	42.17 0.44 0.00	37.12 0.49 0.00	36.58 0.39 0.00	37.01 0.52 0.00	36.62 0.68 0.00	37.26 0.88 0.00	39.17 0.99 0.00	39.48 1.03 0.00	38.86 1.09 0.00	43.10 1.16 0.00	54.37 1.48 0.00	57.18 1.19 0.00	50.72 1.20 0.00	39.08 1.19 0.00	50.55 1.64 0.00	38.77 1.32 0.00	58.93 2.10 0.00	51.90 1.66 0.00	55.74 1.74 0.00	49.42 1.39 0.00	36.37 0.95 0.00	35.25 0.90 0.00
NEG NORTH_KES_CHATEGAY 23792	36.34 0.21 0.00	38.77 0.05 0.00	41.65 -0.08 0.00	36.62 -0.01 0.00	36.08 -0.11 0.00	36.52 0.04 0.00	36.06 0.12 0.00	36.64 0.26 0.00	38.59 0.42 0.00	38.90 0.45 0.00	38.23 0.46 0.00	42.39 0.46 0.00	53.42 0.54 0.00	56.32 0.34 0.00	49.94 0.41 0.00	38.38 0.48 0.00	49.70 0.79 0.00	38.10 0.65 0.00	58.00 1.17 0.00	51.09 0.84 0.00	54.82 0.81 0.00	48.58 0.56 0.00	35.73 0.31 0.00	34.68 0.33 0.00

NEG NORTH___ALICE_FALLS 23915	36.93 0.79 0.00	39.45 0.74 0.00	42.23 0.50 0.00	37.16 0.53 0.00	36.60 0.42 0.00	37.03 0.54 0.00	36.66 0.72 0.00	37.33 0.95 0.00	39.26 1.08 0.00	39.57 1.12 0.00	38.97 1.20 0.00	43.19 1.25 0.00	54.43 1.55 0.00	57.34 1.35 0.00	50.89 1.37 0.00	39.17 1.27 0.00	50.69 1.78 0.00	38.84 1.38 0.00	59.04 2.21 0.00	51.98 1.73 0.00	55.80 1.80 0.00	49.47 1.44 0.00	36.38 0.96 0.00	35.26 0.90 0.00
NEG NORTH___LWR_SARANAC 23913	36.93 0.79 0.00	39.45 0.74 0.00	42.23 0.50 0.00	37.16 0.53 0.00	36.60 0.42 0.00	37.03 0.54 0.00	36.66 0.72 0.00	37.33 0.95 0.00	39.26 1.08 0.00	39.57 1.12 0.00	38.97 1.20 0.00	43.19 1.25 0.00	54.43 1.55 0.00	57.34 1.35 0.00	50.89 1.37 0.00	39.17 1.27 0.00	50.69 1.78 0.00	38.84 1.38 0.00	59.04 2.21 0.00	51.98 1.73 0.00	55.80 1.80 0.00	49.47 1.44 0.00	36.38 0.96 0.00	35.26 0.90 0.00
NEG NORTH___PLATTSBURG 23628	36.93 0.79 0.00	39.45 0.74 0.00	42.23 0.50 0.00	37.16 0.53 0.00	36.61 0.42 0.00	37.03 0.54 0.00	36.66 0.72 0.00	37.33 0.95 0.00	39.25 1.08 0.00	39.57 1.12 0.00	38.97 1.20 0.00	43.20 1.26 0.00	54.43 1.54 0.00	57.34 1.35 0.00	50.89 1.37 0.00	39.17 1.27 0.00	50.69 1.78 0.00	38.83 1.38 0.00	59.04 2.21 0.00	51.97 1.73 0.00	55.80 1.80 0.00	49.47 1.44 0.00	36.38 0.96 0.00	35.25 0.90 0.00
NEG WEST_LEA_LOCKPORT 23791	36.07 -0.06 0.00	38.48 -0.23 0.00	40.97 -0.77 0.00	35.76 -0.87 0.00	35.28 -0.91 0.00	35.73 -0.76 0.00	35.40 -0.54 0.00	35.38 -1.00 0.00	37.32 -0.86 0.00	37.33 -1.12 0.00	36.71 -1.06 0.00	40.74 -1.19 0.00	51.30 -1.58 0.00	54.07 -1.91 0.00	47.61 -1.91 0.00	36.21 -1.69 0.00	47.39 -1.52 0.00	36.05 -1.40 0.00	55.20 -1.62 0.00	48.75 -1.50 0.00	52.92 -1.08 0.00	48.02 -0.01 0.00	35.34 -0.08 0.00	34.00 -0.35 0.00
NEG WEST___LANCASTR 23811	36.67 0.53 0.00	39.15 0.44 0.00	41.78 0.05 0.00	36.49 -0.15 0.00	35.98 -0.21 0.00	36.47 -0.02 0.00	36.14 0.20 0.00	36.32 -0.06 0.00	38.33 0.16 0.00	38.39 -0.06 0.00	37.79 0.02 0.00	41.95 0.01 0.00	52.92 0.03 0.00	55.78 -0.20 0.00	49.20 -0.32 0.00	37.39 -0.51 0.00	48.88 -0.03 0.00	37.15 -0.30 0.00	56.82 -0.01 0.00	50.14 -0.11 0.00	54.27 0.27 0.00	48.89 0.87 0.00	35.85 0.43 0.00	34.41 0.06 0.00
NEG_PENN_ALLEGHNY 23528	36.72 0.58 0.00	39.33 0.61 0.00	42.35 0.62 0.00	37.12 0.49 0.00	36.69 0.50 0.00	37.06 0.57 0.00	36.58 0.64 0.00	37.04 0.66 0.00	38.92 0.75 0.00	39.13 0.68 0.00	38.52 0.75 0.00	42.77 0.83 0.00	54.03 1.15 0.00	57.18 1.19 0.00	50.55 1.03 0.00	38.57 0.67 0.00	49.90 0.98 0.00	38.06 0.61 0.00	57.84 1.01 0.00	51.09 0.84 0.00	55.03 1.03 0.00	49.10 1.08 0.00	36.16 0.75 0.00	34.90 0.54 0.00
NEG___GEN_MONROE 24207	36.91 0.77 0.00	39.41 0.69 0.00	42.11 0.37 0.00	36.81 0.17 0.00	36.36 0.17 0.00	36.77 0.29 0.00	36.44 0.51 0.00	36.74 0.36 0.00	38.91 0.73 0.00	39.06 0.60 0.00	38.37 0.60 0.00	42.56 0.62 0.00	53.52 0.64 0.00	56.50 0.52 0.00	49.74 0.22 0.00	37.94 0.05 0.00	49.49 0.57 0.00	37.70 0.24 0.00	57.60 0.78 0.00	50.94 0.69 0.00	54.88 0.88 0.00	49.25 1.22 0.00	36.11 0.69 0.00	34.70 0.35 0.00
NEPA___ENERGY 23901	36.77 0.63 0.00	39.24 0.53 0.00	41.92 0.18 0.00	36.63 0.00 0.00	36.18 -0.01 0.00	36.72 0.24 0.00	36.47 0.54 0.00	36.69 0.30 0.00	38.73 0.56 0.00	38.71 0.26 0.00	38.13 0.36 0.00	42.34 0.40 0.00	53.46 0.58 0.00	56.43 0.45 0.00	49.91 0.39 0.00	37.80 -0.10 0.00	49.38 0.47 0.00	37.48 0.03 0.00	57.37 0.54 0.00	50.58 0.33 0.00	54.72 0.72 0.00	49.26 1.23 0.00	36.16 0.74 0.00	34.65 0.30 0.00
NEVERSINK___HYD 23608	37.43 1.29 0.00	40.08 1.37 0.00	43.10 1.36 0.00	37.79 1.15 0.00	37.36 1.18 0.00	37.61 1.12 0.00	37.13 1.20 0.00	37.91 1.53 0.00	40.28 2.11 0.00	40.61 2.16 0.00	40.33 2.56 0.00	44.99 3.05 0.00	56.76 3.88 0.00	58.72 2.74 0.00	52.18 2.66 0.00	39.98 2.09 0.00	51.24 2.36 0.03	39.15 1.70 0.00	59.14 2.32 0.00	52.41 2.16 0.00	56.60 2.59 0.00	51.72 3.70 0.00	37.70 2.28 0.00	36.64 2.28 0.00
NEWKRMKL_115KV_TB1 55635	36.98 0.85 0.00	39.78 1.06 0.00	43.05 1.31 0.00	37.78 1.15 0.00	37.37 1.18 0.00	37.58 1.09 0.00	34.69 0.98 2.22	16.94 1.15 20.59	36.36 0.75 2.57	38.73 0.84 0.56	38.57 0.80 0.00	42.82 0.88 0.00	53.97 1.08 0.00	57.22 1.24 0.00	50.49 0.97 0.00	38.65 0.76 0.00	49.67 0.71 -0.05	38.07 0.62 0.00	57.55 0.72 0.00	50.99 0.74 0.00	52.23 0.95 2.73	48.99 0.97 0.00	36.29 0.87 0.00	35.30 0.94 0.00
NEWTON___FALLS_HYD 23847	36.69 0.55 0.00	39.11 0.39 0.00	41.87 0.14 0.00	36.82 0.19 0.00	36.26 0.08 0.00	36.46 -0.03 0.00	35.95 0.02 0.00	36.46 0.08 0.00	38.36 0.18 0.00	38.67 0.22 0.00	37.98 0.21 0.00	42.00 0.06 0.00	52.94 0.06 0.00	56.08 0.10 0.00	49.59 0.07 0.00	37.83 -0.07 0.00	48.81 -0.10 0.00	37.41 -0.04 0.00	57.02 0.20 0.00	50.32 0.08 0.00	54.33 0.32 0.00	48.06 0.04 0.00	35.24 -0.18 0.00	33.91 -0.44 0.00
NGRID_A1_DSASP 323792	35.72 -0.42 0.00	38.11 -0.61 0.00	40.58 -1.16 0.00	35.43 -1.21 0.00	34.95 -1.24 0.00	35.37 -1.11 0.00	35.03 -0.91 0.00	35.00 -1.38 0.00	36.95 -1.23 0.00	36.82 -1.64 0.00	36.11 -1.65 0.00	40.09 -1.85 0.00	50.48 -2.41 0.00	53.24 -2.74 0.00	46.84 -2.68 0.00	35.63 -2.26 0.00	46.69 -2.22 0.00	35.52 -1.93 0.00	54.33 -2.50 0.00	47.99 -2.26 0.00	52.12 -1.88 0.00	47.21 -0.81 0.00	34.62 -0.79 0.00	33.57 -0.78 0.00
NGRID_A2_DSASP 323793	35.72 -0.42 0.00	38.11 -0.61 0.00	40.58 -1.16 0.00	35.43 -1.21 0.00	34.95 -1.24 0.00	35.37 -1.11 0.00	35.03 -0.91 0.00	35.00 -1.38 0.00	36.95 -1.23 0.00	36.82 -1.64 0.00	36.11 -1.65 0.00	40.09 -1.85 0.00	50.48 -2.41 0.00	53.24 -2.74 0.00	46.84 -2.68 0.00	35.63 -2.26 0.00	46.69 -2.22 0.00	35.52 -1.93 0.00	54.33 -2.50 0.00	47.99 -2.26 0.00	52.12 -1.88 0.00	47.21 -0.81 0.00	34.62 -0.79 0.00	33.57 -0.78 0.00
NGRID_A4_DSASP 323807	35.72 -0.41 0.00	38.11 -0.61 0.00	40.56 -1.17 0.00	35.43 -1.21 0.00	34.95 -1.24 0.00	35.37 -1.11 0.00	35.03 -0.91 0.00	35.00 -1.38 0.00	36.95 -1.22 0.00	36.83 -1.62 0.00	36.10 -1.67 0.00	40.08 -1.86 0.00	50.47 -2.41 0.00	53.25 -2.74 0.00	46.84 -2.68 0.00	35.64 -2.26 0.00	46.69 -2.22 0.00	35.52 -1.93 0.00	54.32 -2.50 0.00	47.98 -2.27 0.00	52.11 -1.90 0.00	47.21 -0.81 0.00	34.63 -0.79 0.00	33.58 -0.77 0.00
NIAGARA_115E_LBMP 323715	35.79 -0.35 0.00	38.22 -0.50 0.00	40.69 -1.04 0.00	35.54 -1.10 0.00	35.06 -1.13 0.00	35.49 -1.00 0.00	35.14 -0.80 0.00	35.02 -1.37 0.00	36.86 -1.31 0.00	36.86 -1.59 0.00	36.26 -1.51 0.00	40.24 -1.69 0.00	50.66 -2.22 0.00	53.43 -2.56 0.00	47.03 -2.49 0.00	35.77 -2.13 0.00	46.86 -2.05 0.00	35.65 -1.81 0.00	54.53 -2.29 0.00	48.18 -2.07 0.00	52.31 -1.70 0.00	47.42 -0.60 0.00	34.87 -0.55 0.00	33.42 -0.93 0.00

NIAGARA_115W_LBMP 323714	35.66 -0.48 0.00	38.03 -0.68 0.00	40.50 -1.24 0.00	35.37 -1.27 0.00	34.89 -1.30 0.00	35.31 -1.17 0.00	34.96 -0.97 0.00	34.93 -1.45 0.00	36.88 -1.30 0.00	36.74 -1.72 0.00	36.01 -1.76 0.00	39.98 -1.96 0.00	50.35 -2.53 0.00	53.11 -2.87 0.00	46.72 -2.80 0.00	35.54 -2.36 0.00	46.56 -2.35 0.00	35.43 -2.02 0.00	54.19 -2.63 0.00	47.86 -2.39 0.00	51.98 -2.03 0.00	47.11 -0.92 0.00	34.55 -0.87 0.00	33.52 -0.83 0.00
NIAGARA_230_LBMP 323716	35.90 -0.23 0.00	38.33 -0.39 0.00	40.84 -0.89 0.00	35.66 -0.98 0.00	35.17 -1.02 0.00	35.60 -0.89 0.00	35.24 -0.69 0.00	35.27 -1.11 0.00	37.21 -0.96 0.00	37.20 -1.25 0.00	36.58 -1.20 0.00	40.59 -1.35 0.00	51.14 -1.74 0.00	53.95 -2.04 0.00	47.47 -2.05 0.00	36.10 -1.80 0.00	47.28 -1.63 0.00	35.96 -1.49 0.00	55.05 -1.77 0.00	48.62 -1.63 0.00	52.74 -1.26 0.00	47.66 -0.36 0.00	34.98 -0.44 0.00	33.64 -0.72 0.00
NIAGARA__115KV_198_GIBSON 55903	35.67 -0.47 0.00	38.05 -0.67 0.00	40.49 -1.25 0.00	35.36 -1.27 0.00	34.89 -1.30 0.00	35.31 -1.17 0.00	34.97 -0.97 0.00	34.93 -1.45 0.00	36.88 -1.29 0.00	36.74 -1.71 0.00	36.01 -1.76 0.00	39.98 -1.96 0.00	50.35 -2.53 0.00	53.11 -2.87 0.00	46.72 -2.80 0.00	35.54 -2.36 0.00	46.56 -2.35 0.00	35.43 -2.02 0.00	54.18 -2.64 0.00	47.85 -2.40 0.00	51.96 -2.04 0.00	47.10 -0.92 0.00	34.55 -0.87 0.00	33.52 -0.83 0.00
NIAGARA____ 23760	35.78 -0.36 0.00	38.19 -0.53 0.00	40.67 -1.07 0.00	35.51 -1.13 0.00	35.04 -1.15 0.00	35.47 -1.02 0.00	35.12 -0.81 0.00	35.11 -1.27 0.00	37.02 -1.15 0.00	37.00 -1.46 0.00	36.35 -1.42 0.00	40.34 -1.60 0.00	50.80 -2.08 0.00	53.57 -2.41 0.00	47.17 -2.35 0.00	35.87 -2.03 0.00	46.98 -1.93 0.00	35.74 -1.71 0.00	54.70 -2.12 0.00	48.31 -1.94 0.00	52.41 -1.59 0.00	47.42 -0.60 0.00	34.78 -0.64 0.00	33.49 -0.87 0.00
NINE_MILE_1 23575	35.11 -1.02 0.00	37.59 -1.13 0.00	40.46 -1.28 0.00	35.49 -1.15 0.00	35.05 -1.14 0.00	35.35 -1.14 0.00	34.87 -1.06 0.00	35.31 -1.08 0.00	37.07 -1.10 0.00	37.31 -1.14 0.00	36.67 -1.11 0.00	40.72 -1.22 0.00	51.40 -1.48 0.00	54.38 -1.61 0.00	48.07 -1.45 0.00	36.73 -1.16 0.00	47.47 -1.44 0.00	36.32 -1.13 0.00	55.16 -1.67 0.00	48.78 -1.47 0.00	52.47 -1.53 0.00	46.74 -1.28 0.00	34.42 -1.00 0.00	33.30 -1.06 0.00
NINE_MILE_2 23744	35.11 -1.02 0.00	37.59 -1.13 0.00	40.46 -1.28 0.00	35.49 -1.14 0.00	35.05 -1.14 0.00	35.36 -1.13 0.00	34.87 -1.06 0.00	35.31 -1.08 0.00	37.07 -1.10 0.00	37.31 -1.14 0.00	36.67 -1.11 0.00	40.72 -1.22 0.00	51.40 -1.48 0.00	54.38 -1.61 0.00	48.07 -1.45 0.00	36.74 -1.16 0.00	47.47 -1.44 0.00	36.32 -1.13 0.00	55.16 -1.67 0.00	48.78 -1.47 0.00	52.48 -1.53 0.00	46.74 -1.28 0.00	34.42 -1.00 0.00	33.30 -1.06 0.00
NM_CAPITAL____DRP 24208	37.07 0.94 0.00	39.89 1.17 0.00	43.16 1.43 0.00	37.89 1.26 0.00	37.47 1.28 0.00	37.67 1.19 0.00	34.20 1.06 2.79	11.74 1.22 25.86	35.78 0.83 3.23	38.65 0.90 0.70	38.60 0.83 0.00	42.84 0.90 0.00	53.97 1.08 0.00	57.22 1.23 0.00	50.50 0.98 0.00	38.68 0.78 0.00	49.68 0.72 -0.05	38.11 0.66 0.00	57.62 0.80 0.00	51.07 0.82 0.00	51.62 1.04 3.43	49.08 1.06 0.00	36.37 0.96 0.00	35.37 1.02 0.00
NM_CENTRAL____DRP 24181	35.94 -0.20 0.00	38.43 -0.28 0.00	41.34 -0.39 0.00	36.25 -0.38 0.00	35.81 -0.38 0.00	36.13 -0.35 0.00	35.66 -0.28 0.00	36.13 -0.25 0.00	37.97 -0.20 0.00	38.23 -0.22 0.00	37.61 -0.16 0.00	41.78 -0.16 0.00	52.77 -0.11 0.00	55.89 -0.10 0.00	49.33 -0.19 0.00	37.65 -0.25 0.00	48.67 -0.24 0.00	37.21 -0.24 0.00	56.50 -0.32 0.00	49.97 -0.28 0.00	53.78 -0.22 0.00	47.88 -0.14 0.00	35.22 -0.20 0.00	34.03 -0.32 0.00
NM_FRONTIER____DRP 24179	35.67 -0.47 0.00	38.05 -0.67 0.00	40.49 -1.25 0.00	35.36 -1.27 0.00	34.89 -1.30 0.00	35.31 -1.17 0.00	34.97 -0.97 0.00	34.93 -1.45 0.00	36.88 -1.29 0.00	36.74 -1.71 0.00	36.01 -1.76 0.00	39.98 -1.96 0.00	50.35 -2.53 0.00	53.11 -2.87 0.00	46.72 -2.80 0.00	35.54 -2.36 0.00	46.56 -2.35 0.00	35.43 -2.02 0.00	54.18 -2.64 0.00	47.85 -2.40 0.00	51.96 -2.04 0.00	47.10 -0.92 0.00	34.55 -0.87 0.00	33.52 -0.83 0.00
NM_ST_REGIS____HYD 24053	36.40 0.26 0.00	38.80 0.08 0.00	41.64 -0.09 0.00	36.59 -0.05 0.00	35.93 -0.26 0.00	36.15 -0.34 0.00	35.61 -0.33 0.00	36.11 -0.27 0.00	38.01 -0.16 0.00	38.34 -0.11 0.00	37.65 -0.12 0.00	41.69 -0.25 0.00	52.52 -0.36 0.00	55.58 -0.40 0.00	49.29 -0.23 0.00	37.77 -0.12 0.00	48.88 -0.03 0.00	37.39 -0.06 0.00	56.99 0.17 0.00	50.20 -0.05 0.00	54.16 0.16 0.00	47.94 -0.08 0.00	35.22 -0.20 0.00	34.08 -0.27 0.00
NORTHPORT____1 23551	38.32 2.18 0.00	41.26 2.54 0.00	44.50 2.77 0.00	39.26 2.62 0.00	38.82 2.63 0.00	38.89 2.40 0.00	38.57 2.63 0.00	39.35 2.96 0.00	40.76 2.58 0.00	43.76 2.74 -2.57	66.95 2.77 -26.41	69.71 2.92 -24.85	71.07 3.53 -14.66	61.67 3.66 -2.02	55.60 3.36 -2.72	42.37 2.74 -1.73	54.48 3.03 -2.54	42.32 2.20 -2.67	60.25 2.35 -1.07	54.12 2.77 -1.10	60.11 3.56 -2.54	51.09 3.01 -0.06	38.05 2.62 -0.01	37.17 2.81 -0.01
NORTHPORT____2 23552	38.32 2.18 0.00	41.26 2.54 0.00	44.50 2.77 0.00	39.26 2.62 0.00	38.82 2.63 0.00	38.89 2.40 0.00	38.57 2.63 0.00	39.35 2.96 0.00	40.76 2.58 0.00	43.76 2.74 -2.57	66.95 2.77 -26.41	69.71 2.92 -24.85	71.07 3.53 -14.66	61.67 3.66 -2.02	55.60 3.36 -2.72	42.37 2.74 -1.73	54.48 3.03 -2.54	42.32 2.20 -2.67	60.25 2.35 -1.07	54.12 2.77 -1.10	60.11 3.56 -2.54	51.09 3.01 -0.06	38.05 2.62 -0.01	37.17 2.81 -0.01
NORTHPORT____3 23553	38.29 2.15 0.00	41.17 2.45 0.00	44.36 2.63 0.00	39.10 2.46 0.00	38.68 2.49 0.00	38.78 2.29 0.00	38.43 2.49 0.00	39.23 2.85 0.00	40.67 2.49 0.00	43.66 2.65 -2.57	66.94 2.76 -26.41	68.62 3.20 -23.48	69.69 3.90 -12.91	61.58 3.58 -2.02	46.32 3.46 6.65	38.58 2.85 2.17	46.29 3.04 5.67	31.74 2.19 7.90	56.14 2.32 3.01	49.45 2.55 3.36	49.16 3.58 8.42	50.59 2.75 0.18	37.85 2.46 0.03	37.06 2.74 0.03
NORTHPORT____4 23650	38.29 2.15 0.00	41.17 2.45 0.00	44.36 2.63 0.00	39.10 2.46 0.00	38.68 2.49 0.00	38.78 2.29 0.00	38.43 2.49 0.00	39.23 2.85 0.00	40.67 2.49 0.00	43.66 2.65 -2.57	66.94 2.76 -26.41	68.62 3.20 -23.48	69.69 3.90 -12.91	61.58 3.58 -2.02	46.32 3.46 6.65	38.58 2.85 2.17	46.29 3.04 5.67	31.74 2.19 7.90	56.14 2.32 3.01	49.45 2.55 3.36	49.16 3.58 8.42	50.59 2.75 0.18	37.85 2.46 0.03	37.06 2.74 0.03
NORTHPORT____IC 23718	38.32 2.18 0.00	41.26 2.54 0.00	44.50 2.77 0.00	39.26 2.62 0.00	38.82 2.63 0.00	38.89 2.40 0.00	38.57 2.63 0.00	39.35 2.96 0.00	40.76 2.58 0.00	43.76 2.74 -2.57	66.95 2.77 -26.41	69.71 2.92 -24.85	71.07 3.53 -14.66	61.67 3.66 -2.02	55.60 3.36 -2.72	42.37 2.74 -1.73	54.48 3.03 -2.54	42.32 2.20 -2.67	60.25 2.35 -1.07	54.12 2.77 -1.10	60.11 3.56 -2.54	51.09 3.01 -0.06	38.05 2.62 -0.01	37.17 2.81 -0.01

NORTH____COUNTRY_ESR 323785	36.26 0.12 0.00	38.68 -0.04 0.00	41.55 -0.18 0.00	36.54 -0.10 0.00	36.00 -0.19 0.00	36.44 -0.05 0.00	35.98 0.05 0.00	36.55 0.17 0.00	38.50 0.33 0.00	38.81 0.36 0.00	38.16 0.39 0.00	42.31 0.37 0.00	53.32 0.44 0.00	56.20 0.22 0.00	49.85 0.33 0.00	38.32 0.42 0.00	49.62 0.71 0.00	38.03 0.57 0.00	57.85 1.03 0.00	50.96 0.71 0.00	54.68 0.67 0.00	48.45 0.43 0.00	35.66 0.24 0.00	34.59 0.24 0.00
NPX_GEN_1385_PROXY 323591	38.59 2.45 0.00	41.97 3.25 0.00	45.42 3.69 0.00	40.32 3.69 0.00	39.89 3.70 0.00	39.99 3.50 0.00	39.65 3.72 0.00	40.42 4.04 0.00	41.52 3.34 0.00	44.40 3.38 -2.57	66.59 2.41 -26.41	69.30 2.52 -24.85	69.75 2.21 -14.66	61.21 3.20 -2.02	54.58 2.34 -2.72	42.10 2.48 -1.73	54.30 2.84 -2.54	42.17 2.05 -2.67	59.43 1.53 -1.07	54.90 3.54 -1.10	63.87 4.37 -5.50	54.17 3.30 -2.84	38.59 3.17 -0.01	43.47 2.80 -6.32
NPX_GEN_CSC 323557	38.41 2.28 0.00	41.42 2.70 0.00	45.01 3.27 0.00	39.90 3.26 0.00	39.42 3.23 0.00	39.33 2.84 0.00	39.12 3.19 0.00	39.87 3.49 0.00	41.03 2.86 0.00	44.10 3.08 -2.57	67.86 3.66 -26.42	121.88 4.26 -75.69	140.15 5.11 -82.15	62.32 4.31 -2.03	89.89 4.33 -36.04	67.30 3.54 -25.87	84.65 4.02 -31.72	75.80 2.91 -35.44	80.47 3.54 -20.10	77.89 3.80 -23.84	157.07 5.06 -98.01	57.08 4.20 -4.86	39.18 3.44 -0.33	44.65 3.63 -6.67
NSINS_S_GLNS_FALLS 23858	38.75 2.62 0.00	41.55 2.83 0.00	44.74 3.01 0.00	39.28 2.64 0.00	38.82 2.63 0.00	39.04 2.55 0.00	40.34 2.54 -1.86	56.49 2.84 -17.27	43.12 2.80 -2.15	41.63 2.71 -0.47	40.25 2.48 0.00	44.67 2.73 0.00	56.27 3.39 0.00	59.86 3.88 0.00	53.06 3.54 0.00	40.79 2.90 0.00	52.28 3.33 -0.05	39.90 2.45 0.00	60.68 3.85 0.00	53.48 3.23 0.00	60.11 3.81 -2.29	51.68 3.66 0.00	38.17 2.75 0.00	36.98 2.63 0.00
NUCOR_STEEL____DRP 24197	36.67 0.53 0.00	39.25 0.53 0.00	42.27 0.53 0.00	36.99 0.35 0.00	36.53 0.34 0.00	36.96 0.47 0.00	36.49 0.55 0.00	36.95 0.57 0.00	38.85 0.67 0.00	39.15 0.70 0.00	38.33 0.56 0.00	42.74 0.80 0.00	54.05 1.17 0.00	56.93 0.94 0.00	50.47 0.95 0.00	38.50 0.60 0.00	49.58 0.67 0.00	37.88 0.43 0.00	57.85 1.02 0.00	50.95 0.70 0.00	55.02 1.02 0.00	48.98 0.96 0.00	35.90 0.48 0.00	34.71 0.36 0.00
NUMBER_THREE_WT_PWR 323818	37.18 1.04 0.00	39.63 0.91 0.00	42.40 0.66 0.00	37.30 0.67 0.00	36.84 0.65 0.00	37.08 0.60 0.00	36.64 0.71 0.00	37.19 0.81 0.00	39.12 0.94 0.00	39.43 0.98 0.00	38.81 1.04 0.00	42.91 0.97 0.00	54.09 1.20 0.00	57.30 1.31 0.00	50.55 1.03 0.00	38.48 0.58 0.00	49.59 0.67 0.00	37.96 0.51 0.00	57.82 0.99 0.00	51.06 0.81 0.00	54.98 0.97 0.00	48.61 0.59 0.00	35.56 0.14 0.00	34.04 -0.31 0.00
NYISO_LBMP_REFERENCE 24008	36.14 0.00 0.00	38.72 0.00 0.00	41.74 0.00 0.00	36.64 0.00 0.00	36.19 0.00 0.00	36.49 0.00 0.00	35.94 0.00 0.00	36.38 0.00 0.00	38.17 0.00 0.00	38.45 0.00 0.00	37.77 0.00 0.00	41.94 0.00 0.00	52.88 0.00 0.00	55.98 0.00 0.00	49.52 0.00 0.00	37.90 0.00 0.00	48.91 0.00 0.00	37.45 0.00 0.00	56.83 0.00 0.00	50.25 0.00 0.00	54.01 0.00 0.00	48.02 0.00 0.00	35.42 0.00 0.00	34.35 0.00 0.00
NYPA_BRENTWD____GT 24164	38.92 2.78 0.00	41.85 3.13 0.00	45.14 3.40 0.00	39.77 3.14 0.00	39.34 3.15 0.00	39.42 2.93 0.00	39.10 3.17 0.00	39.93 3.55 0.00	41.41 3.23 0.00	44.43 3.41 -2.57	67.75 3.57 -26.41	105.45 3.95 -59.56	127.56 4.85 -69.82	62.59 4.59 -2.02	60.15 4.28 -6.36	46.96 3.32 -5.74	58.45 3.81 -5.73	46.47 2.77 -6.25	63.90 3.23 -3.84	58.42 3.49 -4.69	78.48 4.66 -19.82	52.41 3.95 -0.43	38.82 3.34 -0.07	37.92 3.49 -0.07
NYPA_GOWANUS____GT5 24156	37.84 1.71 0.01	40.86 2.15 0.01	43.96 1.93 -0.30	38.49 1.86 0.00	38.18 2.00 0.00	38.39 1.91 0.00	38.03 2.09 0.00	38.61 2.24 0.01	-57.59 1.90 97.65	-57.59 1.87 97.92	39.80 2.03 0.00	44.37 2.44 0.00	56.03 3.14 0.00	59.47 3.48 0.00	145.54 3.26 -92.76	40.45 2.54 -0.01	51.98 2.90 -0.17	39.58 2.12 0.00	90.12 2.64 -30.65	228.25 2.42 -175.58	68.92 2.62 -12.29	65.58 2.17 -15.39	101.81 1.87 -64.53	36.46 2.10 -0.01
NYPA_GOWANUS____GT6 24157	37.84 1.71 0.01	40.86 2.15 0.01	43.96 1.93 -0.30	38.49 1.86 0.00	38.18 2.00 0.00	38.39 1.91 0.00	38.03 2.09 0.00	38.61 2.24 0.01	-57.59 1.90 97.65	-57.59 1.87 97.92	39.80 2.03 0.00	44.37 2.44 0.00	56.03 3.14 0.00	59.47 3.48 0.00	145.54 3.26 -92.76	40.45 2.54 -0.01	51.98 2.90 -0.17	39.58 2.12 0.00	90.12 2.64 -30.65	228.25 2.42 -175.58	68.92 2.62 -12.29	65.58 2.17 -15.39	101.81 1.87 -64.53	36.46 2.10 -0.01
NYPA_HARLEM_RVR_GT1 24160	37.80 1.67 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.34 1.71 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.88 1.94 0.00	38.43 2.05 0.00	39.87 1.69 0.00	40.15 1.69 0.00	39.63 1.87 0.00	44.23 2.29 0.00	55.72 2.84 0.00	59.14 3.16 0.00	52.52 3.00 0.00	40.27 2.38 0.00	51.81 2.74 -0.16	39.43 1.98 0.00	59.28 2.46 0.00	52.51 2.26 0.00	56.47 2.47 0.00	50.06 2.04 0.00	37.20 1.78 0.00	36.36 2.01 0.00
NYPA_HARLEM_RVR_GT2 24161	37.80 1.67 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.34 1.71 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.88 1.94 0.00	38.43 2.05 0.00	39.87 1.69 0.00	40.15 1.69 0.00	39.63 1.87 0.00	44.23 2.29 0.00	55.72 2.84 0.00	59.14 3.16 0.00	52.52 3.00 0.00	40.27 2.38 0.00	51.81 2.74 -0.16	39.43 1.98 0.00	59.28 2.46 0.00	52.51 2.26 0.00	56.47 2.47 0.00	50.06 2.04 0.00	37.20 1.78 0.00	36.36 2.01 0.00
NYPA_KENT____GT 24152	37.81 1.67 0.00	40.80 2.09 0.00	43.65 1.92 0.00	38.45 1.82 0.00	38.14 1.95 0.00	38.35 1.87 0.00	37.99 2.06 0.00	38.60 2.21 0.00	40.03 1.86 0.00	40.26 1.80 0.00	39.72 1.95 0.00	44.26 2.33 0.00	55.87 2.99 0.00	59.30 3.32 0.00	89.25 3.13 -36.60	40.35 2.44 0.00	51.87 2.79 -0.16	39.48 2.03 0.00	59.90 2.50 -0.57	36.58 2.29 15.96	61.28 2.49 -4.78	56.07 2.06 -5.99	39.61 1.79 -2.41	36.39 2.03 0.00
NYPA_POUCH1____GT 24155	37.84 1.70 0.00	40.88 2.16 0.00	43.62 1.89 0.00	38.50 1.87 0.00	38.20 2.01 0.00	38.41 1.93 0.00	38.04 2.10 0.00	38.61 2.22 0.00	40.01 1.83 0.00	40.26 1.81 0.00	39.71 1.94 0.00	44.27 2.33 0.00	55.89 3.01 0.00	59.34 3.35 0.00	145.44 3.16 -92.76	40.36 2.46 -0.01	51.88 2.80 -0.17	39.51 2.06 0.00	90.01 2.54 -30.65	228.13 2.31 -175.58	68.77 2.47 -12.29	65.45 2.04 -15.39	101.71 1.76 -64.53	36.36 2.00 -0.01
NYPA_VERNON____GT2 24162	37.73 1.59 0.00	40.71 1.99 0.00	43.61 1.87 0.00	38.38 1.75 0.00	38.07 1.88 0.00	38.29 1.80 0.00	37.92 1.99 0.00	38.54 2.16 0.00	39.98 1.80 0.00	40.21 1.76 0.00	39.67 1.90 0.00	44.20 2.26 0.00	55.77 2.89 0.00	59.18 3.20 0.00	62.15 3.02 -9.61	40.29 2.39 0.00	51.78 2.71 -0.16	39.43 1.98 0.00	58.91 2.42 0.33	44.23 2.20 8.22	53.67 2.39 2.73	46.58 1.97 3.42	35.77 1.73 1.38	36.31 1.96 0.00

NYPA_VERNON____GT3 24163	37.73 1.59 0.00	40.71 1.99 0.00	43.61 1.87 0.00	38.38 1.75 0.00	38.07 1.88 0.00	38.29 1.80 0.00	37.92 1.99 0.00	38.54 2.16 0.00	39.98 1.80 0.00	40.21 1.76 0.00	39.67 1.90 0.00	44.20 2.26 0.00	55.77 2.89 0.00	59.18 3.20 0.00	62.15 3.02 -9.61	40.29 2.39 0.00	51.78 2.71 -0.16	39.43 1.98 0.00	58.91 2.42 0.33	44.23 2.20 8.22	53.67 2.39 2.73	46.58 1.97 3.42	35.77 1.73 1.38	36.31 1.96 0.00
NYPA____ASTORIA_CC1 323568	37.67 1.53 0.00	40.66 1.94 0.00	43.53 1.79 0.00	38.32 1.69 0.00	38.02 1.83 0.00	38.23 1.74 0.00	37.86 1.92 0.00	38.47 2.08 0.00	39.90 1.72 0.00	40.13 1.68 0.00	39.59 1.82 0.00	44.12 2.18 0.00	55.65 2.77 0.00	59.05 3.07 0.00	52.42 2.90 0.00	40.19 2.29 0.00	51.66 2.58 -0.16	39.35 1.90 0.00	58.30 2.28 0.80	45.63 2.10 6.72	49.64 2.28 6.64	41.58 1.87 8.32	33.73 1.66 3.35	36.24 1.89 0.00
NYPA____ASTORIA_CC2 323569	37.67 1.53 0.00	40.66 1.94 0.00	43.53 1.79 0.00	38.32 1.69 0.00	38.02 1.83 0.00	38.23 1.74 0.00	37.86 1.92 0.00	38.47 2.08 0.00	39.90 1.72 0.00	40.13 1.68 0.00	39.59 1.82 0.00	44.12 2.18 0.00	55.65 2.77 0.00	59.05 3.07 0.00	52.42 2.90 0.00	40.19 2.29 0.00	51.66 2.58 -0.16	39.35 1.90 0.00	58.30 2.28 0.80	45.63 2.10 6.72	49.64 2.28 6.64	41.58 1.87 8.32	33.73 1.66 3.35	36.24 1.89 0.00
NYPA____HOLTSVILL 23794	38.57 2.43 0.00	41.51 2.79 0.00	44.88 3.14 0.00	39.61 2.98 0.00	39.16 2.97 0.00	39.16 2.68 0.00	38.88 2.94 0.00	39.68 3.30 0.00	41.07 2.90 0.00	44.12 3.10 -2.57	67.52 3.33 -26.42	120.55 3.68 -74.92	138.54 4.48 -81.18	62.36 4.35 -2.03	88.01 4.13 -34.36	66.46 3.32 -25.25	82.93 3.77 -30.25	73.99 2.76 -33.79	79.52 3.25 -19.44	76.89 3.48 -23.16	151.95 4.41 -93.52	53.79 3.73 -2.04	38.88 3.14 -0.32	38.02 3.32 -0.35
NYPA____HELLGATE_GT1 24158	37.80 1.67 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.34 1.71 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.88 1.94 0.00	38.47 2.08 0.00	39.90 1.73 0.00	40.18 1.73 0.00	39.67 1.89 0.00	44.27 2.33 0.00	55.76 2.88 0.00	59.19 3.21 0.00	52.56 3.04 0.00	40.31 2.41 0.00	51.85 2.77 -0.16	39.47 2.02 0.00	59.33 2.51 0.00	52.55 2.30 0.00	56.52 2.51 0.00	50.09 2.07 0.00	37.23 1.81 0.00	36.39 2.03 0.00
NYPA____HELLGATE_GT2 24159	37.80 1.67 0.00	40.73 2.01 0.00	43.56 1.82 0.00	38.34 1.71 0.00	38.06 1.87 0.00	38.26 1.78 0.00	37.88 1.94 0.00	38.47 2.08 0.00	39.90 1.73 0.00	40.18 1.73 0.00	39.67 1.89 0.00	44.27 2.33 0.00	55.76 2.88 0.00	59.19 3.21 0.00	52.56 3.04 0.00	40.31 2.41 0.00	51.85 2.77 -0.16	39.47 2.02 0.00	59.33 2.51 0.00	52.55 2.30 0.00	56.52 2.51 0.00	50.09 2.07 0.00	37.23 1.81 0.00	36.39 2.03 0.00
NYS_BARGE____HYD 23848	36.21 0.07 0.00	38.63 -0.09 0.00	41.13 -0.61 0.00	35.90 -0.73 0.00	35.42 -0.77 0.00	35.86 -0.63 0.00	35.53 -0.41 0.00	35.50 -0.88 0.00	37.43 -0.74 0.00	37.45 -1.00 0.00	36.84 -0.93 0.00	40.89 -1.05 0.00	51.48 -1.40 0.00	54.27 -1.71 0.00	47.79 -1.73 0.00	36.36 -1.54 0.00	47.58 -1.33 0.00	36.19 -1.26 0.00	55.40 -1.43 0.00	48.93 -1.32 0.00	53.12 -0.88 0.00	48.15 0.13 0.00	35.41 -0.01 0.00	34.02 -0.33 0.00
OAK ORCHARD____HYD 24046	36.74 0.60 0.00	39.20 0.49 0.00	41.91 0.18 0.00	36.63 0.00 0.00	36.15 -0.03 0.00	36.55 0.07 0.00	36.19 0.26 0.00	36.51 0.13 0.00	38.54 0.37 0.00	38.71 0.26 0.00	38.06 0.29 0.00	42.23 0.29 0.00	53.16 0.28 0.00	56.13 0.15 0.00	49.48 -0.04 0.00	37.76 -0.13 0.00	49.19 0.28 0.00	37.55 0.10 0.00	57.32 0.49 0.00	50.64 0.40 0.00	54.66 0.65 0.00	48.96 0.93 0.00	35.86 0.45 0.00	34.47 0.12 0.00
OAKDALE____35_KV_LOAD 356122	36.56 0.42 0.00	39.15 0.44 0.00	42.18 0.45 0.00	36.97 0.34 0.00	36.55 0.36 0.00	36.91 0.43 0.00	36.41 0.48 0.00	36.88 0.50 0.00	38.72 0.55 0.00	38.92 0.47 0.00	38.31 0.53 0.00	42.53 0.60 0.00	53.72 0.84 0.00	56.83 0.85 0.00	50.24 0.72 0.00	38.34 0.44 0.00	49.58 0.67 0.00	37.85 0.39 0.00	57.52 0.69 0.00	50.81 0.56 0.00	54.74 0.73 0.00	48.84 0.81 0.00	35.98 0.56 0.00	34.74 0.39 0.00
OCC_CHEM____DRP 24175	35.72 -0.41 0.00	38.11 -0.61 0.00	40.56 -1.17 0.00	35.43 -1.21 0.00	34.95 -1.24 0.00	35.37 -1.11 0.00	35.03 -0.91 0.00	35.00 -1.38 0.00	36.95 -1.22 0.00	36.83 -1.62 0.00	36.10 -1.67 0.00	40.08 -1.86 0.00	50.47 -2.41 0.00	53.25 -2.74 0.00	46.84 -2.68 0.00	35.64 -2.26 0.00	46.69 -2.22 0.00	35.52 -1.93 0.00	54.32 -2.50 0.00	47.98 -2.27 0.00	52.11 -1.90 0.00	47.21 -0.81 0.00	34.63 -0.79 0.00	33.58 -0.77 0.00
OH_GEN_PROXY 24063	35.90 -0.24 0.00	38.33 -0.39 0.00	40.86 -0.87 0.00	35.67 -0.97 0.00	35.19 -1.00 0.00	35.61 -0.87 0.00	35.27 -0.67 0.00	35.33 -1.05 0.00	37.28 -0.89 0.00	37.29 -1.17 0.00	36.66 -1.11 0.00	40.71 -1.23 0.00	97.19 -1.61 -45.92	54.08 -1.91 0.00	47.59 -1.93 0.00	36.20 -1.70 0.00	47.38 -1.53 0.00	36.05 -1.40 0.00	55.18 -1.64 0.00	48.73 -1.51 0.00	85.91 -1.15 -33.05	50.50 -0.30 -2.79	34.99 -0.42 0.00	60.73 -0.71 -27.09
OLIN_CORP_DRP 24177	35.86 -0.28 0.00	38.29 -0.43 0.00	40.75 -0.99 0.00	35.58 -1.06 0.00	35.10 -1.09 0.00	35.54 -0.94 0.00	35.20 -0.74 0.00	35.08 -1.30 0.00	36.95 -1.22 0.00	36.96 -1.49 0.00	36.34 -1.43 0.00	40.34 -1.60 0.00	50.79 -2.10 0.00	53.57 -2.41 0.00	47.15 -2.37 0.00	35.87 -2.03 0.00	46.99 -1.92 0.00	35.74 -1.71 0.00	54.68 -2.15 0.00	48.30 -1.95 0.00	52.43 -1.57 0.00	47.52 -0.50 0.00	34.93 -0.49 0.00	33.49 -0.86 0.00
OLIN_CORP_DSASP 323712	35.72 -0.42 0.00	38.11 -0.61 0.00	40.58 -1.16 0.00	35.43 -1.21 0.00	34.95 -1.24 0.00	35.37 -1.11 0.00	35.03 -0.91 0.00	35.00 -1.38 0.00	36.95 -1.23 0.00	36.82 -1.64 0.00	36.11 -1.65 0.00	40.09 -1.85 0.00	50.48 -2.41 0.00	53.24 -2.74 0.00	46.84 -2.68 0.00	35.63 -2.26 0.00	46.69 -2.22 0.00	35.52 -1.93 0.00	54.33 -2.50 0.00	47.99 -2.26 0.00	52.12 -1.88 0.00	47.21 -0.81 0.00	34.62 -0.79 0.00	33.57 -0.78 0.00
ONEIDA_HERK_LFGE 323681	37.12 0.99 0.00	39.68 0.95 0.00	42.67 0.94 0.00	37.47 0.83 0.00	37.01 0.82 0.00	37.32 0.84 0.00	36.85 0.92 0.00	37.37 0.99 0.00	39.27 1.10 0.00	39.62 1.16 0.00	39.07 1.30 0.00	43.34 1.41 0.00	54.68 1.79 0.00	57.86 1.88 0.00	51.26 1.74 0.00	39.10 1.20 0.00	50.19 1.28 0.00	38.32 0.87 0.00	58.24 1.42 0.00	51.47 1.23 0.00	55.40 1.39 0.00	49.19 1.17 0.00	36.13 0.71 0.00	34.81 0.46 0.00
ONEIDA____115KV_TB4 55905	37.20 1.06 0.00	39.74 1.03 0.00	42.81 1.07 0.00	37.55 0.91 0.00	37.08 0.89 0.00	37.44 0.95 0.00	36.96 1.02 0.00	37.50 1.11 0.00	39.39 1.22 0.00	39.76 1.31 0.00	39.21 1.44 0.00	43.50 1.56 0.00	54.90 2.02 0.00	58.10 2.12 0.00	51.54 2.03 0.00	39.40 1.51 0.00	50.78 1.86 0.00	38.76 1.31 0.00	58.85 2.03 0.00	52.05 1.80 0.00	56.07 2.06 0.00	49.83 1.81 0.00	36.59 1.17 0.00	35.25 0.90 0.00

ONONDAGA_REF_OCCRA 23987	36.19 0.06 0.00	38.72 0.00 0.00	41.65 -0.08 0.00	36.52 -0.12 0.00	36.08 -0.11 0.00	36.41 -0.08 0.00	35.94 0.01 0.00	36.42 0.03 0.00	38.27 0.09 0.00	38.53 0.08 0.00	37.90 0.13 0.00	42.09 0.15 0.00	53.17 0.29 0.00	56.33 0.35 0.00	49.73 0.21 0.00	37.95 0.06 0.00	49.06 0.15 0.00	37.51 0.06 0.00	56.98 0.15 0.00	50.37 0.12 0.00	54.22 0.21 0.00	48.26 0.23 0.00	35.50 0.09 0.00	34.29 -0.06 0.00
ONONDAGA___COGEN 23986	36.12 -0.01 0.00	38.65 -0.07 0.00	41.60 -0.14 0.00	36.47 -0.17 0.00	36.02 -0.17 0.00	36.36 -0.12 0.00	35.89 -0.05 0.00	36.36 -0.02 0.00	38.20 0.03 0.00	38.46 0.01 0.00	37.83 0.06 0.00	42.06 0.12 0.00	53.15 0.27 0.00	56.27 0.29 0.00	49.68 0.16 0.00	37.92 0.02 0.00	49.00 0.09 0.00	37.41 -0.04 0.00	56.85 0.03 0.00	50.26 0.01 0.00	54.10 0.10 0.00	48.16 0.14 0.00	35.43 0.01 0.00	34.22 -0.13 0.00
ONTARIO___LFGE 23819	36.87 0.73 0.00	39.37 0.66 0.00	42.20 0.46 0.00	36.95 0.31 0.00	36.51 0.32 0.00	36.97 0.48 0.00	36.61 0.67 0.00	37.10 0.71 0.00	39.13 0.96 0.00	39.28 0.83 0.00	38.71 0.94 0.00	42.95 1.01 0.00	54.28 1.40 0.00	57.34 1.35 0.00	50.52 1.00 0.00	38.42 0.52 0.00	49.85 0.94 0.00	38.00 0.55 0.00	57.96 1.13 0.00	51.25 1.00 0.00	55.26 1.26 0.00	49.34 1.31 0.00	36.19 0.77 0.00	34.78 0.43 0.00
ORANGEVILLE_WT_PWR 323706	36.71 0.57 0.00	39.16 0.44 0.00	41.74 0.00 0.00	36.53 -0.11 0.00	36.05 -0.14 0.00	36.53 0.05 0.00	36.18 0.24 0.00	36.36 -0.02 0.00	38.39 0.21 0.00	38.42 -0.03 0.00	37.78 0.01 0.00	41.95 0.01 0.00	52.87 -0.01 0.00	55.67 -0.31 0.00	49.11 -0.41 0.00	37.28 -0.61 0.00	48.66 -0.26 0.00	37.03 -0.42 0.00	56.66 -0.16 0.00	50.10 -0.15 0.00	54.30 0.30 0.00	48.92 0.90 0.00	35.88 0.46 0.00	34.40 0.05 0.00
ORANGEVILLE___ESR 323794	36.71 0.57 0.00	39.16 0.44 0.00	41.74 0.00 0.00	36.53 -0.11 0.00	36.05 -0.14 0.00	36.53 0.05 0.00	36.18 0.24 0.00	36.36 -0.02 0.00	38.39 0.21 0.00	38.42 -0.03 0.00	37.78 0.01 0.00	41.95 0.01 0.00	52.87 -0.01 0.00	55.67 -0.31 0.00	49.11 -0.41 0.00	37.28 -0.61 0.00	48.66 -0.26 0.00	37.03 -0.42 0.00	56.66 -0.16 0.00	50.10 -0.15 0.00	54.30 0.30 0.00	48.92 0.90 0.00	35.88 0.46 0.00	34.40 0.05 0.00
OSWEGATCHIE___HYD 24044	36.69 0.55 0.00	39.11 0.39 0.00	41.88 0.14 0.00	36.83 0.19 0.00	36.26 0.08 0.00	36.46 -0.03 0.00	35.96 0.02 0.00	36.46 0.08 0.00	38.36 0.18 0.00	38.67 0.22 0.00	37.98 0.21 0.00	42.00 0.06 0.00	52.94 0.06 0.00	56.08 0.10 0.00	49.60 0.07 0.00	37.83 -0.07 0.00	48.81 -0.10 0.00	37.41 -0.04 0.00	57.02 0.20 0.00	50.32 0.08 0.00	54.33 0.32 0.00	48.06 0.04 0.00	35.24 -0.18 0.00	33.91 -0.44 0.00
OSWEGO___5 23606	35.42 -0.72 0.00	37.93 -0.79 0.00	40.83 -0.91 0.00	35.80 -0.84 0.00	35.36 -0.83 0.00	35.67 -0.81 0.00	35.19 -0.75 0.00	35.62 -0.76 0.00	37.39 -0.78 0.00	37.64 -0.81 0.00	36.99 -0.78 0.00	41.09 -0.85 0.00	51.86 -1.02 0.00	54.88 -1.10 0.00	48.49 -1.03 0.00	37.05 -0.85 0.00	47.88 -1.04 0.00	36.63 -0.82 0.00	55.64 -1.19 0.00	49.19 -1.06 0.00	52.93 -1.07 0.00	47.16 -0.87 0.00	34.73 -0.69 0.00	33.59 -0.76 0.00
OSWEGO___6 23613	35.42 -0.72 0.00	37.93 -0.79 0.00	40.83 -0.91 0.00	35.80 -0.84 0.00	35.36 -0.83 0.00	35.67 -0.81 0.00	35.19 -0.75 0.00	35.62 -0.76 0.00	37.39 -0.78 0.00	37.64 -0.81 0.00	36.99 -0.78 0.00	41.09 -0.85 0.00	51.86 -1.02 0.00	54.88 -1.10 0.00	48.49 -1.03 0.00	37.05 -0.85 0.00	47.88 -1.04 0.00	36.63 -0.82 0.00	55.64 -1.19 0.00	49.19 -1.06 0.00	52.93 -1.07 0.00	47.16 -0.87 0.00	34.73 -0.69 0.00	33.59 -0.76 0.00
OUTOKUMPU-AB___DRP 24206	36.42 0.28 0.00	38.83 0.11 0.00	41.33 -0.40 0.00	36.08 -0.55 0.00	35.61 -0.58 0.00	36.06 -0.42 0.00	35.74 -0.20 0.00	35.76 -0.62 0.00	37.76 -0.42 0.00	37.73 -0.72 0.00	37.09 -0.68 0.00	41.19 -0.75 0.00	51.91 -0.97 0.00	54.76 -1.22 0.00	48.26 -1.26 0.00	36.68 -1.22 0.00	48.03 -0.88 0.00	36.52 -0.93 0.00	55.87 -0.96 0.00	49.30 -0.95 0.00	53.45 -0.55 0.00	48.44 0.42 0.00	35.58 0.17 0.00	34.31 -0.04 0.00
OXBOW____ 24026	35.96 -0.17 0.00	38.34 -0.38 0.00	40.83 -0.90 0.00	35.63 -1.00 0.00	35.17 -1.02 0.00	35.60 -0.89 0.00	35.26 -0.67 0.00	35.27 -1.12 0.00	37.23 -0.94 0.00	37.15 -1.30 0.00	36.49 -1.29 0.00	40.51 -1.43 0.00	51.02 -1.86 0.00	53.84 -2.14 0.00	47.41 -2.11 0.00	36.05 -1.84 0.00	47.23 -1.68 0.00	35.91 -1.54 0.00	54.94 -1.89 0.00	48.50 -1.75 0.00	52.63 -1.37 0.00	47.69 -0.34 0.00	35.00 -0.42 0.00	33.97 -0.38 0.00
OXY_CHEM_DSASP 323612	35.72 -0.41 0.00	38.11 -0.61 0.00	40.56 -1.17 0.00	35.43 -1.21 0.00	34.95 -1.24 0.00	35.37 -1.11 0.00	35.03 -0.91 0.00	35.00 -1.38 0.00	36.95 -1.22 0.00	36.83 -1.62 0.00	36.10 -1.67 0.00	40.08 -1.86 0.00	50.47 -2.41 0.00	53.25 -2.74 0.00	46.84 -2.68 0.00	35.64 -2.26 0.00	46.69 -2.22 0.00	35.52 -1.93 0.00	54.32 -2.50 0.00	47.98 -2.27 0.00	52.11 -1.90 0.00	47.21 -0.81 0.00	34.63 -0.79 0.00	33.58 -0.77 0.00
OZONE_PARK_ESR 323760	38.28 2.15 0.00	41.22 2.51 0.00	44.20 2.46 0.00	38.87 2.24 0.00	38.52 2.33 0.00	38.73 2.25 0.00	38.38 2.45 0.00	39.07 2.69 0.00	40.57 2.39 0.00	40.88 2.43 0.00	40.32 2.55 0.00	44.93 2.99 0.00	56.70 3.82 0.00	60.19 4.21 0.00	53.48 3.96 0.00	41.03 3.13 0.00	52.74 3.67 -0.16	40.14 2.69 0.00	60.35 3.53 0.00	53.40 3.15 0.00	57.45 3.45 0.00	50.95 2.93 0.00	37.84 2.42 0.00	36.90 2.55 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.72 -0.41 0.00	38.11 -0.61 0.00	40.56 -1.17 0.00	35.43 -1.21 0.00	34.95 -1.24 0.00	35.37 -1.11 0.00	35.03 -0.91 0.00	35.00 -1.38 0.00	36.95 -1.22 0.00	36.83 -1.62 0.00	36.10 -1.67 0.00	40.08 -1.86 0.00	50.47 -2.41 0.00	53.25 -2.74 0.00	46.84 -2.68 0.00	35.64 -2.26 0.00	46.69 -2.22 0.00	35.52 -1.93 0.00	54.32 -2.50 0.00	47.98 -2.27 0.00	52.11 -1.90 0.00	47.21 -0.81 0.00	34.63 -0.79 0.00	33.58 -0.77 0.00
PACKARD__115KV_DUPONT_184 80571	35.72 -0.41 0.00	38.11 -0.61 0.00	40.56 -1.17 0.00	35.43 -1.21 0.00	34.95 -1.24 0.00	35.37 -1.11 0.00	35.03 -0.91 0.00	35.00 -1.38 0.00	36.95 -1.22 0.00	36.83 -1.62 0.00	36.10 -1.67 0.00	40.08 -1.86 0.00	50.47 -2.41 0.00	53.25 -2.74 0.00	46.84 -2.68 0.00	35.64 -2.26 0.00	46.69 -2.22 0.00	35.52 -1.93 0.00	54.32 -2.50 0.00	47.98 -2.27 0.00	52.11 -1.90 0.00	47.21 -0.81 0.00	34.63 -0.79 0.00	33.58 -0.77 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.81 1.68 0.00	40.72 2.00 0.00	43.59 1.86 0.00	38.35 1.71 0.00	38.06 1.87 0.00	38.25 1.77 0.00	37.86 1.92 0.00	38.44 2.06 0.00	39.91 1.74 0.00	40.21 1.76 0.00	39.70 1.93 0.00	44.28 2.34 0.00	55.79 2.91 0.00	59.18 3.20 0.00	52.54 3.02 0.00	40.29 2.39 0.00	51.83 2.76 -0.16	39.47 2.02 0.00	59.35 2.53 0.00	52.56 2.32 0.00	56.52 2.52 0.00	50.12 2.11 0.00	37.23 1.82 0.00	36.38 2.03 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	38.14 2.00 0.00	41.03 2.31 0.00	43.90 2.16 0.00	38.64 2.00 0.00	38.31 2.12 0.00	38.51 2.02 0.00	38.11 2.17 0.00	38.64 2.26 0.00	40.10 1.93 0.00	40.42 1.97 0.00	40.09 2.32 0.00	44.68 2.74 0.00	56.35 3.47 0.00	59.78 3.80 0.00	53.07 3.56 0.00	40.70 2.80 0.00	52.37 3.30 -0.16	39.71 2.26 0.00	59.63 2.81 0.00	52.85 2.60 0.00	56.79 2.79 0.00	50.40 2.38 0.00	37.46 2.04 0.00	36.59 2.24 0.00
PATROON__115KV_TB1 80586	37.12 0.99 0.00	39.93 1.21 0.00	43.21 1.47 0.00	37.92 1.29 0.00	37.50 1.31 0.00	37.71 1.23 0.00	34.87 1.11 2.17	17.52 1.29 20.15	36.58 0.91 2.51	38.91 1.01 0.55	38.74 0.96 0.00	43.01 1.07 0.00	54.22 1.34 0.00	57.49 1.51 0.00	50.72 1.20 0.00	38.83 0.93 0.00	49.90 0.94 -0.05	38.23 0.78 0.00	57.79 0.96 0.00	51.19 0.94 0.00	52.50 1.17 2.67	49.18 1.15 0.00	36.43 1.01 0.00	35.41 1.06 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.89 0.75 0.00	39.36 0.65 0.00	41.97 0.23 0.00	36.64 0.00 0.00	36.13 -0.06 0.00	36.62 0.13 0.00	36.30 0.36 0.00	36.46 0.08 0.00	38.49 0.32 0.00	38.55 0.10 0.00	37.96 0.19 0.00	42.16 0.22 0.00	53.20 0.32 0.00	56.12 0.14 0.00	49.51 -0.01 0.00	37.63 -0.27 0.00	49.22 0.31 0.00	37.37 -0.08 0.00	57.15 0.33 0.00	50.41 0.17 0.00	54.58 0.57 0.00	49.20 1.18 0.00	36.06 0.64 0.00	34.58 0.23 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	38.26 2.13 0.00	41.09 2.37 0.00	44.16 2.43 0.00	38.79 2.15 0.00	38.39 2.20 0.00	38.61 2.12 0.00	38.17 2.24 0.00	38.88 2.50 0.00	40.49 2.32 0.00	40.86 2.41 0.00	40.27 2.50 0.00	44.84 2.90 0.00	56.66 3.78 0.00	60.18 4.20 0.00	53.41 3.89 0.00	40.99 3.09 0.00	52.68 3.68 -0.09	40.19 2.73 0.00	60.50 3.67 0.00	53.50 3.25 0.00	57.55 3.55 0.00	51.06 3.04 0.00	37.81 2.39 0.00	36.80 2.45 0.00
PEEKSKILL____ 23653	37.66 1.52 0.00	40.51 1.79 0.00	43.53 1.79 0.00	38.22 1.58 0.00	37.85 1.66 0.00	38.06 1.58 0.00	37.65 1.72 0.00	38.30 1.92 0.00	39.83 1.65 0.00	40.14 1.69 0.00	39.57 1.80 0.00	44.05 2.11 0.00	55.58 2.70 0.00	58.97 2.99 0.00	52.38 2.86 0.00	40.17 2.27 0.00	51.66 2.58 -0.17	39.34 1.89 0.00	59.23 2.40 0.00	52.42 2.17 0.00	56.44 2.43 0.00	50.08 2.06 0.00	37.15 1.74 0.00	36.24 1.89 0.00
PGE MADISON__WINDPWR 24146	39.18 3.04 0.00	41.61 2.89 0.00	44.94 3.20 0.00	39.53 2.90 0.00	39.10 2.91 0.00	39.61 3.12 0.00	39.30 3.36 0.00	39.80 3.42 0.00	41.97 3.80 0.00	42.09 3.63 0.00	41.52 3.75 0.00	46.04 4.10 0.00	58.06 5.18 0.00	61.36 5.38 0.00	54.10 4.58 0.00	41.23 3.34 0.00	54.03 5.12 0.00	41.14 3.69 0.00	62.71 5.89 0.00	55.26 5.01 0.00	59.60 5.59 0.00	53.13 5.11 0.00	38.82 3.40 0.00	37.14 2.79 0.00
PIERCEFIELD__HYD 23852	36.24 0.10 0.00	38.64 -0.08 0.00	41.45 -0.28 0.00	36.43 -0.21 0.00	35.75 -0.43 0.00	35.92 -0.56 0.00	35.35 -0.58 0.00	35.81 -0.56 0.00	37.69 -0.49 0.00	37.99 -0.46 0.00	37.30 -0.48 0.00	41.31 -0.63 0.00	52.00 -0.88 0.00	55.09 -0.89 0.00	48.85 -0.67 0.00	37.40 -0.49 0.00	48.38 -0.54 0.00	37.02 -0.43 0.00	56.46 -0.37 0.00	49.73 -0.52 0.00	53.72 -0.28 0.00	47.53 -0.49 0.00	34.93 -0.48 0.00	33.78 -0.57 0.00
PINELAWN_CC_1 323563	38.68 2.55 0.00	41.59 2.87 0.00	44.80 3.07 0.00	39.46 2.82 0.00	39.02 2.84 0.00	39.13 2.65 0.00	38.79 2.85 0.00	39.60 3.22 0.00	41.11 2.93 0.00	44.10 3.08 -2.57	67.17 2.98 -26.41	77.36 3.20 -32.22	83.03 3.92 -26.23	61.90 3.89 -2.02	55.18 3.70 -1.96	43.02 2.85 -2.27	54.03 3.24 -1.87	41.82 2.45 -1.92	60.80 2.79 -1.19	54.78 3.09 -1.44	64.14 3.99 -6.15	51.84 3.69 -0.13	38.49 3.05 -0.02	37.57 3.20 -0.02
PJM_GEN_HTP_PROXY 323702	37.72 1.58 0.00	40.62 1.90 0.00	43.60 1.86 0.00	38.32 1.69 0.00	37.99 1.81 0.00	38.21 1.72 0.00	37.83 1.89 0.00	39.01 2.12 -0.51	39.98 1.81 0.00	40.30 1.85 0.00	39.74 1.97 0.00	44.25 2.32 0.00	55.85 2.97 0.00	59.26 3.28 0.00	52.64 3.12 0.00	40.38 2.48 0.00	51.90 2.82 -0.16	39.50 2.05 0.00	59.36 2.57 0.04	52.58 2.33 0.00	56.55 2.55 0.00	50.16 2.13 0.00	37.24 1.83 0.00	37.59 2.00 -1.24
PJM_GEN_KEystone 24065	36.65 0.52 0.00	39.05 0.64 0.31	41.97 0.48 0.25	36.97 0.34 0.00	36.57 0.38 0.00	36.90 0.42 0.00	36.55 0.61 0.00	37.48 0.62 -0.48	38.62 0.53 0.08	38.71 0.42 0.16	38.07 0.54 0.24	42.28 0.66 0.32	53.73 0.89 0.04	56.80 0.90 0.08	61.90 0.89 -11.49	27.99 0.57 10.47	49.23 0.74 0.42	37.83 0.40 0.02	57.30 0.55 0.07	50.72 0.47 0.00	54.72 0.71 0.00	48.85 0.83 0.00	36.09 0.67 0.00	35.06 0.64 -0.07
PJM_GEN_NEPTUNE_PROXY 323594	38.04 1.91 0.00	40.95 2.23 0.00	44.10 2.37 0.00	38.81 2.17 0.00	38.39 2.21 0.00	38.52 2.04 0.00	38.15 2.21 0.00	39.39 2.51 -0.51	40.33 2.16 0.00	43.30 2.28 -2.57	66.59 2.40 -26.41	70.33 2.71 -25.68	73.07 3.40 -16.79	61.44 3.43 -2.02	52.89 3.37 0.00	41.33 2.71 -0.72	52.10 3.02 -0.16	39.64 2.20 0.00	59.26 2.47 0.04	52.84 2.59 0.00	57.19 3.18 0.00	50.63 2.60 0.00	37.68 2.26 0.00	38.07 2.48 -1.24
PJM_GEN_VFT_PROXY 323633	37.47 1.33 0.00	35.92 1.62 4.43	39.76 1.54 3.51	38.05 1.43 0.01	37.77 1.58 0.01	37.96 1.48 0.01	37.60 1.67 0.00	38.30 1.85 -0.07	38.53 1.51 1.16	37.68 1.56 2.33	36.07 1.69 3.39	39.37 2.01 4.58	54.89 2.59 0.58	57.64 2.88 1.23	52.31 2.79 0.00	39.49 2.25 0.65	47.70 2.49 3.70	39.02 1.80 0.23	58.62 2.24 0.45	52.31 2.06 0.00	56.24 2.24 0.00	49.86 1.84 0.00	37.04 1.63 0.00	37.39 1.80 -1.24
PLATSBRG_115KV_PMLD1 355749	36.81 0.67 0.00	39.39 0.67 0.00	42.14 0.40 0.00	37.09 0.45 0.00	36.55 0.36 0.00	36.97 0.48 0.00	36.58 0.64 0.00	37.22 0.84 0.00	39.11 0.94 0.00	39.44 0.98 0.00	38.81 1.04 0.00	43.04 1.10 0.00	54.29 1.41 0.00	57.09 1.10 0.00	50.64 1.12 0.00	39.03 1.13 0.00	50.49 1.57 0.00	38.73 1.28 0.00	58.87 2.04 0.00	51.85 1.60 0.00	55.68 1.68 0.00	49.36 1.34 0.00	36.33 0.91 0.00	35.21 0.86 0.00
PLEASANTVLY__LBMP 24000	37.62 1.48 0.00	40.44 1.73 0.00	43.54 1.80 0.00	38.24 1.60 0.00	37.85 1.66 0.00	38.05 1.57 0.00	37.55 1.62 0.00	38.20 1.82 0.00	39.73 1.56 0.00	40.06 1.61 0.00	39.41 1.63 0.00	43.79 1.85 0.00	55.22 2.34 0.00	58.56 2.57 0.00	51.93 2.41 0.00	39.86 1.96 0.00	51.24 2.22 -0.11	39.14 1.68 0.00	58.97 2.14 0.00	52.19 1.95 0.00	56.17 2.17 0.00	49.91 1.89 0.00	37.03 1.61 0.00	36.10 1.75 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.82 1.68 0.00	40.68 1.96 0.00	43.72 1.98 0.00	38.43 1.79 0.00	38.05 1.86 0.00	38.25 1.77 0.00	37.84 1.90 0.00	38.49 2.11 0.00	40.02 1.84 0.00	40.35 1.90 0.00	39.75 1.98 0.00	44.25 2.31 0.00	55.84 2.96 0.00	59.25 3.27 0.00	52.62 3.10 0.00	40.37 2.47 0.00	51.91 2.85 -0.15	39.57 2.12 0.00	59.53 2.70 0.00	52.69 2.44 0.00	56.69 2.69 0.00	50.32 2.30 0.00	37.32 1.90 0.00	36.39 2.04 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.82 1.68 0.00	40.68 1.96 0.00	43.72 1.98 0.00	38.43 1.79 0.00	38.05 1.86 0.00	38.25 1.77 0.00	37.84 1.90 0.00	38.49 2.11 0.00	40.02 1.84 0.00	40.35 1.90 0.00	39.75 1.98 0.00	44.25 2.31 0.00	55.84 2.96 0.00	59.25 3.27 0.00	52.62 3.10 0.00	40.37 2.47 0.00	51.91 2.85 -0.15	39.57 2.12 0.00	59.53 2.70 0.00	52.69 2.44 0.00	56.69 2.69 0.00	50.32 2.30 0.00	37.32 1.90 0.00	36.39 2.04 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.06 1.93 0.00	40.86 2.14 0.00	43.97 2.24 0.00	38.61 1.97 0.00	38.21 2.02 0.00	38.41 1.93 0.00	37.93 1.99 0.00	38.61 2.23 0.00	40.23 2.05 0.00	40.59 2.14 0.00	39.94 2.17 0.00	44.42 2.48 0.00	56.10 3.22 0.00	59.53 3.55 0.00	52.81 3.29 0.00	40.57 2.67 0.00	52.13 3.16 -0.06	39.79 2.34 0.00	59.95 3.13 0.00	53.05 2.80 0.00	57.06 3.06 0.00	50.67 2.65 0.00	37.54 2.12 0.00	36.54 2.19 0.00
POLETTI____ 23519	37.67 1.53 0.00	40.59 1.87 0.00	43.53 1.80 0.00	38.29 1.65 0.00	37.96 1.77 0.00	38.16 1.68 0.00	37.80 1.86 0.00	38.46 2.08 0.00	39.93 1.75 0.00	40.23 1.77 0.00	39.66 1.89 0.00	44.17 2.23 0.00	55.75 2.87 0.00	59.16 3.18 0.00	52.54 3.02 0.00	40.31 2.41 0.00	51.81 2.73 -0.16	39.45 1.99 0.00	59.31 2.49 0.00	52.50 2.25 0.00	56.46 2.45 0.00	50.07 2.05 0.00	37.20 1.79 0.00	36.31 1.96 0.00
POMONA____ESR 323819	37.58 1.44 0.00	40.39 1.68 0.00	43.39 1.65 0.00	38.07 1.44 0.00	37.70 1.51 0.00	37.93 1.44 0.00	37.52 1.59 0.00	38.17 1.79 0.00	39.71 1.53 0.00	40.02 1.57 0.00	39.50 1.73 0.00	44.00 2.07 0.00	55.54 2.66 0.00	58.94 2.96 0.00	52.38 2.87 0.00	40.16 2.26 0.00	51.29 2.55 0.17	39.30 1.85 0.00	59.16 2.34 0.00	52.37 2.12 0.00	56.37 2.37 0.00	50.02 2.00 0.00	37.09 1.67 0.00	36.20 1.84 0.00
PORT_JEFF_3 23555	38.67 2.53 0.00	41.60 2.88 0.00	44.97 3.23 0.00	39.69 3.05 0.00	39.23 3.04 0.00	39.23 2.75 0.00	38.96 3.02 0.00	39.77 3.39 0.00	41.17 3.00 0.00	44.23 3.21 -2.57	67.65 3.46 -26.42	122.28 3.73 -76.61	140.64 4.52 -83.24	62.48 4.47 -2.03	91.50 4.28 -37.70	67.93 3.40 -26.63	85.91 3.83 -33.17	77.28 2.77 -37.07	80.93 3.27 -20.83	78.38 3.51 -24.63	155.74 4.36 -97.38	53.91 3.76 -2.13	38.99 3.23 -0.34	38.14 3.42 -0.37
PORT_JEFF_4 23616	38.67 2.53 0.00	41.60 2.88 0.00	44.97 3.23 0.00	39.69 3.05 0.00	39.23 3.04 0.00	39.23 2.75 0.00	38.96 3.02 0.00	39.77 3.39 0.00	41.17 3.00 0.00	44.23 3.21 -2.57	67.65 3.46 -26.42	122.28 3.73 -76.61	140.64 4.52 -83.24	62.48 4.47 -2.03	91.50 4.28 -37.70	67.93 3.40 -26.63	85.91 3.83 -33.17	77.28 2.77 -37.07	80.93 3.27 -20.83	78.38 3.51 -24.63	155.74 4.36 -97.38	53.91 3.76 -2.13	38.99 3.23 -0.34	38.14 3.42 -0.37
PORT_JEFF_IC 23713	38.74 2.61 0.00	41.68 2.97 0.00	45.06 3.33 0.00	39.77 3.14 0.00	39.31 3.12 0.00	39.32 2.84 0.00	39.05 3.11 0.00	39.87 3.49 0.00	41.28 3.11 0.00	44.34 3.32 -2.57	67.77 3.58 -26.43	128.36 3.86 -82.56	148.00 4.71 -90.41	62.75 4.74 -2.03	103.40 4.47 -49.41	72.94 3.44 -31.61	96.21 3.88 -43.42	88.85 2.82 -48.58	85.93 3.33 -25.78	83.68 3.55 -29.88	170.08 4.42 -111.66	54.23 3.77 -2.44	39.10 3.30 -0.39	38.30 3.53 -0.42
PPL PILGRIM_ST_GT1 24216	38.92 2.78 0.00	41.85 3.13 0.00	45.14 3.40 0.00	39.77 3.14 0.00	39.34 3.15 0.00	39.42 2.93 0.00	39.10 3.17 0.00	39.93 3.55 0.00	41.41 3.23 0.00	44.43 3.41 -2.57	67.75 3.57 -26.41	105.45 3.95 -59.56	127.56 4.85 -69.82	62.59 4.59 -2.02	60.15 4.28 -6.36	46.96 3.32 -5.74	58.45 3.81 -5.73	46.47 2.77 -6.25	63.90 3.23 -3.84	58.42 3.49 -4.69	78.48 4.66 -19.82	52.41 3.95 -0.43	38.82 3.34 -0.07	37.92 3.49 -0.07
PPL PILGRIM_ST_GT2 24217	38.92 2.78 0.00	41.85 3.13 0.00	45.14 3.40 0.00	39.77 3.14 0.00	39.34 3.15 0.00	39.42 2.93 0.00	39.10 3.17 0.00	39.93 3.55 0.00	41.41 3.23 0.00	44.43 3.41 -2.57	67.75 3.57 -26.41	105.45 3.95 -59.56	127.56 4.85 -69.82	62.59 4.59 -2.02	60.15 4.28 -6.36	46.96 3.32 -5.74	58.45 3.81 -5.73	46.47 2.77 -6.25	63.90 3.23 -3.84	58.42 3.49 -4.69	78.48 4.66 -19.82	52.41 3.95 -0.43	38.82 3.34 -0.07	37.92 3.49 -0.07
PPL_SHRM_GT3 24213	38.43 2.29 0.00	41.42 2.70 0.00	45.01 3.28 0.00	39.90 3.26 0.00	39.42 3.23 0.00	39.33 2.84 0.00	39.12 3.19 0.00	39.86 3.48 0.00	41.03 2.85 0.00	44.10 3.09 -2.57	67.86 3.66 -26.42	123.67 4.26 -77.46	142.34 5.14 -84.33	62.39 4.38 -2.03	93.59 4.37 -39.70	68.84 3.60 -27.35	87.94 4.11 -34.92	79.47 2.98 -39.04	82.06 3.62 -21.61	79.54 3.87 -25.42	158.27 5.12 -99.15	54.46 4.27 -2.16	39.23 3.47 -0.34	38.35 3.63 -0.37
PPL_SHRM_GT4 24214	38.43 2.29 0.00	41.42 2.70 0.00	45.01 3.28 0.00	39.90 3.26 0.00	39.42 3.23 0.00	39.33 2.84 0.00	39.12 3.19 0.00	39.86 3.48 0.00	41.03 2.85 0.00	44.10 3.09 -2.57	67.86 3.66 -26.42	123.67 4.26 -77.46	142.34 5.14 -84.33	62.39 4.38 -2.03	93.59 4.37 -39.70	68.84 3.60 -27.35	87.94 4.11 -34.92	79.47 2.98 -39.04	82.06 3.62 -21.61	79.54 3.87 -25.42	158.27 5.12 -99.15	54.46 4.27 -2.16	39.23 3.47 -0.34	38.35 3.63 -0.37
PROJECT___ORANGE 1 24174	35.96 -0.17 0.00	38.47 -0.25 0.00	41.38 -0.35 0.00	36.28 -0.35 0.00	35.83 -0.36 0.00	36.15 -0.33 0.00	35.70 -0.24 0.00	36.16 -0.22 0.00	38.01 -0.17 0.00	38.27 -0.18 0.00	37.65 -0.12 0.00	41.82 -0.11 0.00	52.82 -0.06 0.00	55.94 -0.04 0.00	49.38 -0.14 0.00	37.68 -0.22 0.00	48.72 -0.19 0.00	37.25 -0.20 0.00	56.55 -0.27 0.00	50.01 -0.24 0.00	53.82 -0.19 0.00	47.91 -0.11 0.00	35.26 -0.16 0.00	34.05 -0.30 0.00
PROJECT___ORANGE 2 24166	35.96 -0.17 0.00	38.47 -0.25 0.00	41.38 -0.35 0.00	36.28 -0.35 0.00	35.83 -0.36 0.00	36.15 -0.33 0.00	35.70 -0.24 0.00	36.16 -0.22 0.00	38.01 -0.17 0.00	38.27 -0.18 0.00	37.65 -0.12 0.00	41.82 -0.11 0.00	52.82 -0.06 0.00	55.94 -0.04 0.00	49.38 -0.14 0.00	37.68 -0.22 0.00	48.72 -0.19 0.00	37.25 -0.20 0.00	56.55 -0.27 0.00	50.01 -0.24 0.00	53.82 -0.19 0.00	47.91 -0.11 0.00	35.26 -0.16 0.00	34.05 -0.30 0.00
PUCKETT___SOLAR 323809	37.23 1.09 0.00	39.83 1.11 0.00	42.92 1.19 0.00	37.62 0.98 0.00	37.17 0.98 0.00	37.57 1.09 0.00	37.14 1.20 0.00	37.62 1.24 0.00	39.54 1.37 0.00	39.74 1.29 0.00	39.15 1.38 0.00	43.47 1.53 0.00	54.91 2.02 0.00	58.09 2.11 0.00	51.35 1.83 0.00	39.18 1.28 0.00	50.75 1.83 0.00	38.70 1.25 0.00	58.82 1.99 0.00	51.95 1.71 0.00	55.94 1.93 0.00	49.92 1.89 0.00	36.70 1.29 0.00	35.37 1.02 0.00
PYRITES___HYD 24023	36.83 0.69 0.00	39.26 0.55 0.00	42.13 0.39 0.00	37.01 0.37 0.00	36.38 0.19 0.00	36.63 0.15 0.00	36.09 0.15 0.00	36.57 0.19 0.00	38.52 0.35 0.00	38.82 0.37 0.00	38.27 0.50 0.00	42.39 0.45 0.00	53.40 0.52 0.00	56.74 0.76 0.00	50.25 0.73 0.00	38.49 0.60 0.00	49.74 0.83 0.00	37.83 0.37 0.00	57.79 0.96 0.00	50.85 0.60 0.00	54.86 0.86 0.00	48.56 0.53 0.00	35.65 0.23 0.00	34.48 0.13 0.00

QUAKERRD_115KV_BK1 80622	35.69 -0.44 0.00	38.12 -0.60 0.00	40.79 -0.95 0.00	35.67 -0.97 0.00	35.21 -0.98 0.00	35.59 -0.90 0.00	35.22 -0.72 0.00	35.58 -0.80 0.00	37.51 -0.66 0.00	37.71 -0.74 0.00	37.07 -0.70 0.00	41.14 -0.80 0.00	51.84 -1.04 0.00	54.80 -1.19 0.00	48.34 -1.18 0.00	36.89 -1.01 0.00	47.95 -0.96 0.00	36.63 -0.82 0.00	55.87 -0.96 0.00	49.35 -0.90 0.00	53.19 -0.82 0.00	47.55 -0.47 0.00	34.86 -0.56 0.00	33.54 -0.81 0.00
QUENSBRY_115KV_TB8 356137	38.86 2.73 0.00	41.66 2.94 0.00	44.85 3.12 0.00	39.36 2.72 0.00	38.91 2.72 0.00	39.13 2.65 0.00	40.35 2.65 -1.77	55.75 2.96 -16.42	43.16 2.94 -2.05	41.75 2.85 -0.45	40.33 2.56 0.00	44.77 2.83 0.00	56.38 3.50 0.00	59.99 4.01 0.00	53.18 3.65 0.00	40.93 3.03 0.00	52.42 3.46 -0.05	40.02 2.57 0.00	60.89 4.07 0.00	53.63 3.39 0.00	60.18 4.00 -2.18	51.86 3.83 0.00	38.30 2.88 0.00	37.10 2.75 0.00
RAMAPO___LBMP 323565	37.47 1.33 0.00	40.29 1.57 0.00	43.28 1.55 0.00	37.97 1.34 0.00	37.61 1.42 0.00	37.83 1.35 0.00	37.42 1.48 0.00	38.06 1.68 0.00	39.59 1.41 0.00	39.89 1.44 0.00	39.36 1.59 0.00	43.82 1.88 0.00	55.31 2.43 0.00	58.68 2.70 0.00	52.14 2.62 0.00	39.96 2.06 0.00	51.03 2.29 0.17	39.12 1.67 0.00	58.91 2.08 0.00	52.16 1.91 0.00	56.15 2.15 0.00	49.83 1.81 0.00	36.97 1.55 0.00	36.07 1.72 0.00
RANKINE____ 23646	36.86 0.72 0.00	39.31 0.59 0.00	41.88 0.15 0.00	36.57 -0.07 0.00	36.08 -0.11 0.00	36.56 0.07 0.00	36.24 0.30 0.00	36.36 -0.03 0.00	38.38 0.21 0.00	38.41 -0.04 0.00	37.81 0.04 0.00	41.99 0.05 0.00	52.94 0.06 0.00	55.86 -0.12 0.00	49.26 -0.26 0.00	37.42 -0.48 0.00	48.98 0.06 0.00	37.21 -0.24 0.00	56.93 0.10 0.00	50.23 -0.01 0.00	54.42 0.41 0.00	49.10 1.08 0.00	36.00 0.58 0.00	34.52 0.17 0.00
RAVENSWOOD_GT2_1 24244	37.72 1.58 0.00	40.67 1.96 0.00	43.62 1.89 0.00	38.38 1.74 0.00	38.05 1.86 0.00	38.26 1.77 0.00	37.88 1.95 0.00	38.53 2.15 0.00	39.98 1.80 0.00	40.27 1.82 0.00	39.70 1.93 0.00	44.22 2.28 0.00	55.80 2.92 0.00	59.21 3.23 0.00	52.59 3.07 0.00	40.33 2.44 0.00	51.84 2.77 -0.16	39.48 2.03 0.00	59.35 2.53 0.00	52.55 2.30 0.00	56.52 2.52 0.00	50.13 2.11 0.00	37.22 1.81 0.00	36.36 2.00 0.00
RAVENSWOOD_GT2_2 24245	37.72 1.58 0.00	40.67 1.96 0.00	43.62 1.89 0.00	38.38 1.74 0.00	38.05 1.86 0.00	38.26 1.77 0.00	37.88 1.95 0.00	38.53 2.15 0.00	39.98 1.80 0.00	40.27 1.82 0.00	39.70 1.93 0.00	44.22 2.28 0.00	55.80 2.92 0.00	59.21 3.23 0.00	52.59 3.07 0.00	40.33 2.44 0.00	51.84 2.77 -0.16	39.48 2.03 0.00	59.35 2.53 0.00	52.55 2.30 0.00	56.52 2.52 0.00	50.13 2.11 0.00	37.22 1.81 0.00	36.36 2.00 0.00
RAVENSWOOD_GT2_3 24246	37.75 1.62 0.00	40.69 1.98 0.00	43.65 1.92 0.00	38.40 1.76 0.00	38.07 1.88 0.00	38.28 1.80 0.00	37.91 1.97 0.00	38.55 2.17 0.00	40.00 1.83 0.00	40.29 1.84 0.00	39.73 1.96 0.00	44.25 2.31 0.00	55.85 2.97 0.00	59.26 3.27 0.00	52.64 3.12 0.00	40.37 2.47 0.00	51.88 2.81 -0.16	39.50 2.05 0.00	59.39 2.57 0.00	52.58 2.33 0.00	56.55 2.55 0.00	50.17 2.15 0.00	37.25 1.84 0.00	36.38 2.03 0.00
RAVENSWOOD_GT2_4 24247	37.75 1.62 0.00	40.69 1.98 0.00	43.65 1.92 0.00	38.40 1.76 0.00	38.07 1.88 0.00	38.28 1.80 0.00	37.91 1.97 0.00	38.55 2.17 0.00	40.00 1.83 0.00	40.29 1.84 0.00	39.73 1.96 0.00	44.25 2.31 0.00	55.85 2.97 0.00	59.26 3.27 0.00	52.64 3.12 0.00	40.37 2.47 0.00	51.88 2.81 -0.16	39.50 2.05 0.00	59.39 2.57 0.00	52.58 2.33 0.00	56.55 2.55 0.00	50.17 2.15 0.00	37.25 1.84 0.00	36.38 2.03 0.00
RAVENSWOOD_GT3_1 24248	37.72 1.58 0.00	40.67 1.95 0.00	43.62 1.89 0.00	38.38 1.74 0.00	38.05 1.86 0.00	38.26 1.77 0.00	37.88 1.95 0.00	38.53 2.15 0.00	39.98 1.80 0.00	40.27 1.82 0.00	39.70 1.93 0.00	44.22 2.28 0.00	55.80 2.92 0.00	59.21 3.23 0.00	52.59 3.07 0.00	40.34 2.44 0.00	51.85 2.77 -0.16	39.48 2.03 0.00	59.35 2.53 0.00	52.55 2.30 0.00	56.52 2.52 0.00	50.13 2.11 0.00	37.23 1.81 0.00	36.36 2.00 0.00
RAVENSWOOD_GT3_2 24249	37.72 1.58 0.00	40.67 1.95 0.00	43.62 1.89 0.00	38.38 1.74 0.00	38.05 1.86 0.00	38.26 1.77 0.00	37.88 1.95 0.00	38.53 2.15 0.00	39.98 1.80 0.00	40.27 1.82 0.00	39.70 1.93 0.00	44.22 2.28 0.00	55.80 2.92 0.00	59.21 3.23 0.00	52.59 3.07 0.00	40.34 2.44 0.00	51.85 2.77 -0.16	39.48 2.03 0.00	59.35 2.53 0.00	52.55 2.30 0.00	56.52 2.52 0.00	50.13 2.11 0.00	37.23 1.81 0.00	36.36 2.00 0.00
RAVENSWOOD_GT3_3 24250	37.80 1.66 0.00	40.75 2.04 0.00	43.71 1.98 0.00	38.45 1.81 0.00	38.13 1.94 0.00	38.33 1.85 0.00	37.97 2.03 0.00	38.62 2.24 0.00	40.08 1.90 0.00	40.36 1.91 0.00	39.80 2.03 0.00	44.32 2.38 0.00	55.95 3.06 0.00	59.36 3.38 0.00	52.73 3.21 0.00	40.44 2.55 0.00	51.98 2.90 -0.16	39.58 2.13 0.00	59.49 2.67 0.00	52.67 2.42 0.00	56.65 2.65 0.00	50.24 2.22 0.00	37.31 1.89 0.00	36.43 2.08 0.00
RAVENSWOOD_GT3_4 24251	37.80 1.66 0.00	40.76 2.04 0.00	43.71 1.98 0.00	38.45 1.81 0.00	38.12 1.93 0.00	38.33 1.85 0.00	37.96 2.03 0.00	38.62 2.24 0.00	40.08 1.90 0.00	40.37 1.91 0.00	39.80 2.02 0.00	44.33 2.39 0.00	55.95 3.07 0.00	59.36 3.38 0.00	52.74 3.22 0.00	40.44 2.55 0.00	51.98 2.91 -0.16	39.58 2.13 0.00	59.49 2.66 0.00	52.67 2.42 0.00	56.65 2.65 0.00	50.24 2.22 0.00	37.31 1.89 0.00	36.43 2.08 0.00
RAVENSWOOD_GT_1 23729	37.73 1.59 0.00	40.71 1.99 0.00	43.61 1.87 0.00	38.38 1.75 0.00	38.07 1.88 0.00	38.29 1.80 0.00	37.92 1.99 0.00	38.54 2.16 0.00	39.98 1.80 0.00	40.21 1.76 0.00	39.67 1.90 0.00	44.20 2.26 0.00	55.77 2.89 0.00	59.18 3.20 0.00	62.15 3.02 -9.61	40.29 2.39 0.00	51.78 2.71 -0.16	39.43 1.98 0.00	58.91 2.42 0.33	44.23 2.20 8.22	53.67 2.39 2.73	46.58 1.97 3.42	35.77 1.73 1.38	36.31 1.96 0.00
RAVENSWOOD_GT_10 24258	37.73 1.59 0.00	40.67 1.96 0.00	43.63 1.90 0.00	38.38 1.74 0.00	38.05 1.86 0.00	38.26 1.77 0.00	37.89 1.96 0.00	38.54 2.15 0.00	39.99 1.82 0.00	40.27 1.82 0.00	39.70 1.93 0.00	44.22 2.29 0.00	55.80 2.92 0.00	59.22 3.24 0.00	52.59 3.07 0.00	40.35 2.45 0.00	51.85 2.78 -0.16	39.49 2.04 0.00	59.37 2.54 0.00	52.56 2.31 0.00	56.54 2.54 0.00	50.14 2.12 0.00	37.23 1.82 0.00	36.37 2.01 0.00
RAVENSWOOD_GT_11 24259	37.73 1.59 0.00	40.67 1.95 0.00	43.63 1.90 0.00	38.38 1.74 0.00	38.05 1.86 0.00	38.26 1.77 0.00	37.89 1.96 0.00	38.54 2.15 0.00	39.99 1.82 0.00	40.28 1.82 0.00	39.70 1.93 0.00	44.22 2.29 0.00	55.80 2.92 0.00	59.22 3.23 0.00	52.59 3.07 0.00	40.35 2.45 0.00	51.85 2.78 -0.16	39.49 2.04 0.00	59.37 2.55 0.00	52.55 2.30 0.00	56.54 2.54 0.00	50.14 2.12 0.00	37.23 1.82 0.00	36.37 2.01 0.00

RAVENSWOOD_GT_4 24252	37.75 1.61 0.00	40.68 1.97 0.00	43.66 1.92 0.00	38.40 1.76 0.00	38.06 1.87 0.00	38.27 1.78 0.00	37.90 1.96 0.00	38.55 2.17 0.00	40.00 1.83 0.00	40.31 1.85 0.00	39.73 1.96 0.00	44.25 2.31 0.00	55.85 2.97 0.00	59.26 3.27 0.00	59.95 3.11 -7.32	40.38 2.48 0.00	51.90 2.82 -0.16	39.52 2.07 0.00	59.17 2.59 0.25	46.33 2.34 6.26	54.50 2.57 2.08	47.58 2.16 2.60	36.22 1.85 1.05	36.40 2.05 0.00
RAVENSWOOD_GT_5 24254	37.75 1.61 0.00	40.68 1.97 0.00	43.66 1.92 0.00	38.40 1.76 0.00	38.06 1.87 0.00	38.27 1.78 0.00	37.90 1.96 0.00	38.55 2.17 0.00	40.00 1.83 0.00	40.31 1.85 0.00	39.73 1.96 0.00	44.25 2.31 0.00	55.85 2.97 0.00	59.26 3.27 0.00	59.95 3.11 -7.32	40.38 2.48 0.00	51.90 2.82 -0.16	39.52 2.07 0.00	59.17 2.59 0.25	46.33 2.34 6.26	54.50 2.57 2.08	47.58 2.16 2.60	36.22 1.85 1.05	36.40 2.05 0.00
RAVENSWOOD_GT_6 24253	37.75 1.61 0.00	40.68 1.97 0.00	43.66 1.92 0.00	38.40 1.76 0.00	38.06 1.87 0.00	38.27 1.78 0.00	37.90 1.96 0.00	38.55 2.17 0.00	40.00 1.83 0.00	40.31 1.85 0.00	39.73 1.96 0.00	44.25 2.31 0.00	55.85 2.97 0.00	59.26 3.27 0.00	59.95 3.11 -7.32	40.38 2.48 0.00	51.90 2.82 -0.16	39.52 2.07 0.00	59.17 2.59 0.25	46.33 2.34 6.26	54.50 2.57 2.08	47.58 2.16 2.60	36.22 1.85 1.05	36.40 2.05 0.00
RAVENSWOOD_GT_7 24255	37.75 1.61 0.00	40.68 1.97 0.00	43.66 1.92 0.00	38.40 1.76 0.00	38.06 1.87 0.00	38.27 1.78 0.00	37.90 1.96 0.00	38.55 2.17 0.00	40.00 1.83 0.00	40.31 1.85 0.00	39.73 1.96 0.00	44.25 2.31 0.00	55.85 2.97 0.00	59.26 3.27 0.00	59.95 3.11 -7.32	40.38 2.48 0.00	51.90 2.82 -0.16	39.52 2.07 0.00	59.17 2.59 0.25	46.33 2.34 6.26	54.50 2.57 2.08	47.58 2.16 2.60	36.22 1.85 1.05	36.40 2.05 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.73 1.59 0.00	40.67 1.96 0.00	43.63 1.90 0.00	38.38 1.74 0.00	38.05 1.86 0.00	38.26 1.77 0.00	37.89 1.96 0.00	38.54 2.15 0.00	39.99 1.82 0.00	40.27 1.82 0.00	39.70 1.93 0.00	44.22 2.29 0.00	55.80 2.92 0.00	59.22 3.24 0.00	52.59 3.07 0.00	40.35 2.45 0.00	51.85 2.78 -0.16	39.49 2.04 0.00	59.37 2.54 0.00	52.56 2.31 0.00	56.54 2.54 0.00	50.14 2.12 0.00	37.23 1.82 0.00	36.37 2.01 0.00
RAVENSWOOD_GT_9 24257	37.73 1.59 0.00	40.67 1.95 0.00	43.63 1.90 0.00	38.38 1.74 0.00	38.05 1.86 0.00	38.26 1.77 0.00	37.89 1.96 0.00	38.54 2.15 0.00	39.99 1.82 0.00	40.28 1.82 0.00	39.70 1.93 0.00	44.22 2.29 0.00	55.80 2.92 0.00	59.22 3.23 0.00	52.59 3.07 0.00	40.35 2.45 0.00	51.85 2.78 -0.16	39.49 2.04 0.00	59.37 2.55 0.00	52.55 2.30 0.00	56.54 2.54 0.00	50.14 2.12 0.00	37.23 1.82 0.00	36.37 2.01 0.00
RAVENSWOOD___1 23533	37.69 1.56 0.00	40.69 1.97 0.00	43.57 1.84 0.00	38.36 1.73 0.00	38.05 1.86 0.00	38.27 1.78 0.00	37.90 1.96 0.00	38.51 2.13 0.00	39.96 1.78 0.00	40.19 1.73 0.00	39.64 1.87 0.00	44.17 2.23 0.00	55.73 2.85 0.00	59.14 3.16 0.00	52.50 2.98 0.00	40.26 2.36 0.00	51.73 2.66 -0.16	39.40 1.95 0.00	58.41 2.38 0.80	45.75 2.18 6.68	49.76 2.36 6.61	41.70 1.96 8.27	33.79 1.70 3.33	36.28 1.93 0.00
RAVENSWOOD___2 23534	37.43 1.30 0.00	40.53 1.82 0.00	43.46 1.72 0.00	38.28 1.64 0.00	37.97 1.78 0.00	38.18 1.69 0.00	37.83 1.89 0.00	38.41 2.03 0.00	39.73 1.56 0.00	39.87 1.42 0.00	39.31 1.54 0.00	43.80 1.86 0.00	55.26 2.38 0.00	58.64 2.66 0.00	52.07 2.55 0.00	39.93 2.03 0.00	51.31 2.23 -0.16	39.08 1.63 0.00	57.92 1.90 0.81	45.29 1.83 6.79	49.30 2.01 6.71	41.23 1.62 8.40	33.45 1.41 3.38	35.98 1.63 0.00
RAVENSWOOD___3 23535	37.73 1.59 0.00	40.68 1.96 0.00	43.63 1.90 0.00	38.38 1.74 0.00	38.05 1.86 0.00	38.26 1.78 0.00	37.89 1.96 0.00	38.54 2.15 0.00	39.99 1.82 0.00	40.27 1.82 0.00	39.70 1.93 0.00	44.22 2.28 0.00	55.80 2.92 0.00	59.22 3.23 0.00	52.59 3.07 0.00	40.34 2.44 0.00	51.85 2.78 -0.16	39.48 2.03 0.00	59.35 2.53 0.00	52.55 2.30 0.00	56.52 2.52 0.00	50.13 2.11 0.00	37.23 1.82 0.00	36.36 2.01 0.00
RAVENSWOOD___4 23820	37.66 1.53 0.00	40.66 1.95 0.00	43.56 1.82 0.00	38.35 1.71 0.00	38.03 1.84 0.00	38.24 1.76 0.00	37.88 1.94 0.00	38.49 2.11 0.00	39.92 1.74 0.00	40.15 1.70 0.00	39.61 1.84 0.00	44.13 2.20 0.00	55.68 2.80 0.00	59.09 3.11 0.00	43.00 2.95 9.47	40.23 2.33 0.00	51.70 2.63 -0.16	39.38 1.93 0.00	57.89 2.34 1.28	47.12 2.15 5.28	45.81 2.34 10.54	36.75 1.93 13.20	31.79 1.68 5.31	36.25 1.90 0.00
RCPI_TRUST___DRP 24196	37.76 1.62 0.00	40.66 1.94 0.00	43.64 1.91 0.00	38.36 1.73 0.00	38.03 1.84 0.00	38.24 1.76 0.00	37.87 1.93 0.00	38.55 2.17 0.00	40.04 1.87 0.00	40.36 1.91 0.00	39.80 2.03 0.00	44.32 2.38 0.00	55.95 3.07 0.00	59.36 3.38 0.00	52.72 3.20 0.00	40.44 2.55 0.00	51.98 2.91 -0.16	39.57 2.12 0.00	59.48 2.65 0.00	52.63 2.39 0.00	56.62 2.61 0.00	50.22 2.19 0.00	37.28 1.87 0.00	36.38 2.03 0.00
RED___ROCHESTER 323720	37.06 0.92 0.00	39.52 0.80 0.00	42.24 0.50 0.00	36.90 0.26 0.00	36.42 0.23 0.00	36.82 0.34 0.00	36.47 0.53 0.00	36.80 0.42 0.00	38.87 0.70 0.00	39.06 0.61 0.00	38.40 0.63 0.00	42.61 0.67 0.00	53.63 0.75 0.00	56.64 0.65 0.00	49.98 0.46 0.00	38.14 0.24 0.00	49.69 0.79 0.00	37.95 0.49 0.00	57.94 1.11 0.00	51.17 0.93 0.00	55.18 1.18 0.00	49.40 1.38 0.00	36.17 0.75 0.00	34.74 0.39 0.00
REGAN___SOLAR 323812	40.02 3.89 0.00	42.76 4.04 0.00	46.07 4.33 0.00	40.34 3.71 0.00	39.82 3.63 0.00	40.22 3.73 0.00	39.66 3.72 0.00	40.21 3.83 0.00	41.97 3.79 0.00	42.68 4.23 0.00	41.99 4.22 0.00	45.91 3.97 0.00	58.36 5.48 0.00	62.46 6.48 0.00	55.79 6.27 0.00	43.44 5.54 0.00	56.07 7.13 -0.04	42.00 4.55 0.00	63.57 6.75 0.00	55.77 5.52 0.00	60.32 6.32 0.00	53.64 5.62 0.00	39.38 3.96 0.00	37.97 3.62 0.00
RENSSELAER___COGEN 23796	36.79 0.65 0.00	39.58 0.86 0.00	42.85 1.11 0.00	37.61 0.98 0.00	37.19 1.01 0.00	37.41 0.92 0.00	34.14 0.78 2.58	13.37 0.92 23.93	35.68 0.49 2.98	38.36 0.56 0.65	38.26 0.49 0.00	42.46 0.52 0.00	53.50 0.61 0.00	56.74 0.76 0.00	50.07 0.55 0.00	38.36 0.46 0.00	49.27 0.31 -0.05	37.81 0.36 0.00	57.16 0.33 0.00	50.67 0.42 0.00	51.45 0.62 3.18	48.73 0.71 0.00	36.13 0.71 0.00	35.14 0.79 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.00 4.86 0.00	43.91 5.19 0.00	46.93 5.19 0.00	41.28 4.64 0.00	40.83 4.64 0.00	41.00 4.52 0.00	42.60 4.79 -1.87	58.95 5.27 -17.30	45.69 5.36 -2.16	44.18 5.26 -0.47	43.02 5.25 0.00	47.72 5.78 0.00	59.85 6.96 0.00	63.96 7.98 0.00	56.41 6.89 0.00	43.49 5.59 0.00	55.63 6.67 -0.05	42.48 5.03 0.00	65.12 8.29 0.00	56.78 6.53 0.00	63.76 7.46 -2.30	54.73 6.71 0.00	40.49 5.07 0.00	39.12 4.76 0.00

REVERE_CPPR_DRP 24186	37.61 1.47 0.00	40.17 1.45 0.00	43.21 1.48 0.00	37.91 1.28 0.00	37.44 1.25 0.00	37.80 1.32 0.00	37.34 1.40 0.00	37.90 1.52 0.00	39.85 1.68 0.00	40.23 1.78 0.00	39.70 1.93 0.00	44.03 2.09 0.00	55.56 2.68 0.00	58.77 2.78 0.00	52.22 2.70 0.00	39.97 2.07 0.00	51.42 2.51 0.00	39.28 1.83 0.00	59.65 2.82 0.00	52.72 2.48 0.00	56.82 2.82 0.00	50.49 2.47 0.00	37.02 1.60 0.00	35.60 1.25 0.00
REYNOLDS_115KV_TB3 80639	37.17 1.04 0.00	40.00 1.28 0.00	43.29 1.56 0.00	38.01 1.38 0.00	37.59 1.40 0.00	37.78 1.29 0.00	33.73 1.14 3.35	6.63 1.29 31.04	35.21 0.91 3.87	38.58 0.97 0.84	38.65 0.88 0.00	42.87 0.93 0.00	53.99 1.11 0.00	57.21 1.22 0.00	50.50 0.98 0.00	38.70 0.80 0.00	49.72 0.76 -0.05	38.16 0.71 0.00	57.71 0.89 0.00	51.16 0.91 0.00	51.03 1.14 4.12	49.17 1.15 0.00	36.45 1.03 0.00	35.46 1.11 0.00
RIVERBAY____ 323610	38.14 2.00 0.00	41.03 2.31 0.00	43.90 2.16 0.00	38.64 2.00 0.00	38.31 2.12 0.00	38.51 2.02 0.00	38.11 2.17 0.00	38.64 2.26 0.00	40.10 1.93 0.00	40.42 1.97 0.00	40.09 2.32 0.00	44.68 2.74 0.00	56.35 3.47 0.00	59.78 3.80 0.00	53.07 3.56 0.00	40.70 2.80 0.00	52.37 3.30 -0.16	39.71 2.26 0.00	59.63 2.81 0.00	52.85 2.60 0.00	56.79 2.79 0.00	50.40 2.38 0.00	37.46 2.04 0.00	36.59 2.24 0.00
RIVERSDE_115KV_TB3 55908	37.07 0.94 0.00	39.89 1.17 0.00	43.16 1.43 0.00	37.89 1.26 0.00	37.47 1.28 0.00	37.67 1.19 0.00	34.20 1.06 2.79	11.74 1.22 25.86	35.78 0.83 3.23	38.65 0.90 0.70	38.60 0.83 0.00	42.84 0.90 0.00	53.97 1.08 0.00	57.22 1.23 0.00	50.50 0.98 0.00	38.68 0.78 0.00	49.68 0.72 -0.05	38.11 0.66 0.00	57.62 0.80 0.00	51.07 0.82 0.00	51.62 1.04 3.43	49.08 1.06 0.00	36.37 0.96 0.00	35.37 1.02 0.00
ROARING__BROOK_WT_PWR 323790	35.93 -0.20 0.00	38.53 -0.19 0.00	41.38 -0.36 0.00	36.44 -0.19 0.00	36.01 -0.18 0.00	36.34 -0.15 0.00	35.79 -0.15 0.00	36.23 -0.15 0.00	38.06 -0.11 0.00	38.34 -0.12 0.00	37.66 -0.12 0.00	41.78 -0.16 0.00	52.63 -0.25 0.00	55.75 -0.23 0.00	49.28 -0.24 0.00	37.76 -0.14 0.00	48.80 -0.11 0.00	37.38 -0.08 0.00	56.76 -0.07 0.00	50.15 -0.09 0.00	53.79 -0.21 0.00	47.68 -0.34 0.00	35.16 -0.26 0.00	34.06 -0.29 0.00
ROCHESRG_115KV_T4 355643	36.51 0.37 0.00	38.98 0.26 0.00	41.67 -0.06 0.00	36.43 -0.21 0.00	35.95 -0.24 0.00	36.34 -0.14 0.00	35.98 0.04 0.00	36.28 -0.10 0.00	38.28 0.11 0.00	38.45 0.00 0.00	37.80 0.03 0.00	41.95 0.02 0.00	52.82 -0.06 0.00	55.78 -0.20 0.00	49.18 -0.34 0.00	37.51 -0.39 0.00	48.87 -0.04 0.00	37.30 -0.15 0.00	56.92 0.10 0.00	50.28 0.03 0.00	54.27 0.27 0.00	48.63 0.61 0.00	35.64 0.23 0.00	34.28 -0.08 0.00
ROCHESTER_9_IC 23652	36.81 0.67 0.00	39.27 0.56 0.00	41.98 0.24 0.00	36.68 0.04 0.00	36.20 0.02 0.00	36.60 0.12 0.00	36.25 0.31 0.00	36.57 0.19 0.00	38.61 0.43 0.00	38.79 0.34 0.00	38.14 0.37 0.00	42.31 0.37 0.00	53.26 0.38 0.00	56.25 0.27 0.00	49.62 0.09 0.00	37.84 -0.05 0.00	49.31 0.40 0.00	37.65 0.20 0.00	57.47 0.64 0.00	50.75 0.50 0.00	54.75 0.74 0.00	49.04 1.02 0.00	35.92 0.50 0.00	34.52 0.17 0.00
ROCKVIEW_13_KV_LD 356306	37.95 1.81 0.00	40.83 2.12 0.00	43.85 2.12 0.00	38.54 1.90 0.00	38.17 1.98 0.00	38.39 1.90 0.00	37.98 2.05 0.00	38.66 2.28 0.00	40.17 2.00 0.00	40.51 2.06 0.00	39.93 2.16 0.00	44.46 2.52 0.00	56.11 3.23 0.00	59.54 3.56 0.00	52.89 3.37 0.00	40.57 2.67 0.00	52.18 3.11 -0.16	39.74 2.29 0.00	59.76 2.94 0.00	52.88 2.63 0.00	56.91 2.91 0.00	50.51 2.49 0.00	37.46 2.05 0.00	36.54 2.19 0.00
ROME____115KV_TB2 80656	37.61 1.47 0.00	40.17 1.45 0.00	43.21 1.48 0.00	37.91 1.28 0.00	37.44 1.25 0.00	37.80 1.32 0.00	37.34 1.40 0.00	37.90 1.52 0.00	39.85 1.68 0.00	40.23 1.78 0.00	39.70 1.93 0.00	44.03 2.09 0.00	55.56 2.68 0.00	58.77 2.78 0.00	52.22 2.70 0.00	39.97 2.07 0.00	51.42 2.51 0.00	39.28 1.83 0.00	59.65 2.82 0.00	52.72 2.48 0.00	56.82 2.82 0.00	50.49 2.47 0.00	37.02 1.60 0.00	35.60 1.25 0.00
ROSETON__1 23587	37.55 1.41 0.00	40.37 1.65 0.00	43.44 1.70 0.00	38.15 1.51 0.00	37.77 1.58 0.00	37.98 1.50 0.00	37.49 1.55 0.00	38.12 1.74 0.00	39.67 1.49 0.00	39.98 1.53 0.00	39.36 1.59 0.00	43.76 1.82 0.00	55.20 2.32 0.00	58.53 2.54 0.00	51.92 2.40 0.00	39.83 1.94 0.00	51.00 2.19 0.09	39.10 1.64 0.00	58.90 2.07 0.00	52.15 1.90 0.00	56.13 2.12 0.00	49.86 1.84 0.00	36.98 1.56 0.00	36.05 1.70 0.00
ROSETON__2 23588	37.55 1.41 0.00	40.37 1.65 0.00	43.44 1.70 0.00	38.15 1.51 0.00	37.77 1.58 0.00	37.98 1.50 0.00	37.49 1.55 0.00	38.12 1.74 0.00	39.67 1.49 0.00	39.98 1.53 0.00	39.36 1.59 0.00	43.76 1.82 0.00	55.20 2.32 0.00	58.53 2.54 0.00	51.92 2.40 0.00	39.83 1.94 0.00	51.00 2.19 0.09	39.10 1.64 0.00	58.90 2.07 0.00	52.15 1.90 0.00	56.13 2.12 0.00	49.86 1.84 0.00	36.98 1.56 0.00	36.05 1.70 0.00
ROTTRDAM_115KV_TB3 80664	37.63 1.50 0.00	40.40 1.69 0.00	43.69 1.95 0.00	38.33 1.70 0.00	37.89 1.70 0.00	38.12 1.63 0.00	37.64 1.54 -0.17	39.67 1.70 -1.59	39.93 1.56 -0.20	40.07 1.58 -0.04	39.31 1.54 0.00	43.62 1.68 0.00	55.00 2.12 0.00	58.27 2.28 0.00	51.57 2.05 0.00	39.53 1.63 0.00	50.84 1.88 -0.04	38.89 1.45 0.00	58.87 2.04 0.00	52.09 1.84 0.00	56.33 2.11 -0.21	49.96 1.94 0.00	36.95 1.54 0.00	35.88 1.54 0.00
RUSSELL__1 23602	37.06 0.93 0.00	39.52 0.80 0.00	42.24 0.50 0.00	36.90 0.26 0.00	36.42 0.23 0.00	36.82 0.33 0.00	36.48 0.54 0.00	36.81 0.42 0.00	38.88 0.70 0.00	39.06 0.61 0.00	38.40 0.63 0.00	42.62 0.68 0.00	53.63 0.75 0.00	56.64 0.65 0.00	49.98 0.46 0.00	38.14 0.24 0.00	49.70 0.79 0.00	37.95 0.49 0.00	57.94 1.11 0.00	51.16 0.92 0.00	55.17 1.17 0.00	49.40 1.38 0.00	36.17 0.75 0.00	34.74 0.39 0.00
RUSSELL__2 23532	37.06 0.93 0.00	39.52 0.80 0.00	42.24 0.50 0.00	36.90 0.26 0.00	36.42 0.23 0.00	36.82 0.33 0.00	36.48 0.54 0.00	36.81 0.42 0.00	38.88 0.70 0.00	39.06 0.61 0.00	38.40 0.63 0.00	42.62 0.68 0.00	53.63 0.75 0.00	56.64 0.65 0.00	49.98 0.46 0.00	38.14 0.24 0.00	49.70 0.79 0.00	37.95 0.49 0.00	57.94 1.11 0.00	51.16 0.92 0.00	55.17 1.17 0.00	49.40 1.38 0.00	36.17 0.75 0.00	34.74 0.39 0.00
RUSSELL__3 23549	37.06 0.93 0.00	39.52 0.80 0.00	42.24 0.50 0.00	36.90 0.26 0.00	36.42 0.23 0.00	36.82 0.33 0.00	36.48 0.54 0.00	36.81 0.42 0.00	38.88 0.70 0.00	39.06 0.61 0.00	38.40 0.63 0.00	42.62 0.68 0.00	53.63 0.75 0.00	56.64 0.65 0.00	49.98 0.46 0.00	38.14 0.24 0.00	49.70 0.79 0.00	37.95 0.49 0.00	57.94 1.11 0.00	51.16 0.92 0.00	55.17 1.17 0.00	49.40 1.38 0.00	36.17 0.75 0.00	34.74 0.39 0.00

RUSSELL___4 23556	37.06 0.93 0.00	39.52 0.80 0.00	42.24 0.50 0.00	36.90 0.26 0.00	36.42 0.23 0.00	36.82 0.33 0.00	36.48 0.54 0.00	36.81 0.42 0.00	38.88 0.70 0.00	39.06 0.61 0.00	38.40 0.63 0.00	42.62 0.68 0.00	53.63 0.75 0.00	56.64 0.65 0.00	49.98 0.46 0.00	38.14 0.24 0.00	49.70 0.79 0.00	37.95 0.49 0.00	57.94 1.11 0.00	51.16 0.92 0.00	55.17 1.17 0.00	49.40 1.38 0.00	36.17 0.75 0.00	34.74 0.39 0.00
RUSSELL___STATION 23914	37.06 0.93 0.00	39.52 0.80 0.00	42.24 0.50 0.00	36.90 0.26 0.00	36.42 0.23 0.00	36.82 0.33 0.00	36.48 0.54 0.00	36.81 0.42 0.00	38.88 0.70 0.00	39.06 0.61 0.00	38.40 0.63 0.00	42.62 0.68 0.00	53.63 0.75 0.00	56.64 0.65 0.00	49.98 0.46 0.00	38.14 0.24 0.00	49.70 0.79 0.00	37.95 0.49 0.00	57.94 1.11 0.00	51.16 0.92 0.00	55.17 1.17 0.00	49.40 1.38 0.00	36.17 0.75 0.00	34.74 0.39 0.00
S SALMON___HYD 24043	36.35 0.22 0.00	38.83 0.11 0.00	41.63 -0.11 0.00	36.46 -0.17 0.00	36.00 -0.19 0.00	36.29 -0.20 0.00	35.84 -0.09 0.00	36.29 -0.10 0.00	38.12 -0.06 0.00	38.38 -0.07 0.00	37.74 -0.03 0.00	41.82 -0.12 0.00	52.78 -0.10 0.00	55.88 -0.11 0.00	49.29 -0.22 0.00	37.50 -0.39 0.00	48.38 -0.54 0.00	37.05 -0.40 0.00	56.32 -0.50 0.00	49.86 -0.39 0.00	53.75 -0.26 0.00	47.81 -0.22 0.00	35.12 -0.29 0.00	33.80 -0.55 0.00
S.PERRY___115KV_TB1 80734	37.25 1.11 0.00	39.65 0.93 0.00	42.33 0.59 0.00	37.03 0.39 0.00	36.56 0.37 0.00	37.05 0.56 0.00	36.71 0.77 0.00	37.00 0.62 0.00	39.03 0.86 0.00	39.13 0.68 0.00	38.15 0.37 0.00	42.23 0.29 0.00	52.98 0.09 0.00	55.46 -0.53 0.00	49.06 -0.46 0.00	37.49 -0.41 0.00	48.81 -0.11 0.00	37.39 -0.06 0.00	57.16 0.33 0.00	50.83 0.58 0.00	55.42 1.41 0.00	49.86 1.84 0.00	36.52 1.10 0.00	35.00 0.65 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.52 0.38 0.00	38.96 0.24 0.00	41.50 -0.23 0.00	36.23 -0.41 0.00	35.73 -0.46 0.00	36.19 -0.29 0.00	35.86 -0.08 0.00	35.93 -0.46 0.00	37.93 -0.24 0.00	37.95 -0.50 0.00	37.32 -0.45 0.00	41.44 -0.50 0.00	52.24 -0.64 0.00	55.11 -0.88 0.00	48.55 -0.97 0.00	36.90 -1.00 0.00	48.31 -0.60 0.00	36.72 -0.73 0.00	56.21 -0.62 0.00	49.61 -0.64 0.00	53.77 -0.23 0.00	48.56 0.54 0.00	35.60 0.18 0.00	34.18 -0.17 0.00
SAWYER___23_KV_LOAD 55526	36.52 0.38 0.00	38.96 0.24 0.00	41.50 -0.23 0.00	36.23 -0.41 0.00	35.73 -0.46 0.00	36.19 -0.29 0.00	35.86 -0.08 0.00	35.93 -0.46 0.00	37.93 -0.24 0.00	37.95 -0.50 0.00	37.32 -0.45 0.00	41.44 -0.50 0.00	52.24 -0.64 0.00	55.11 -0.88 0.00	48.55 -0.97 0.00	36.90 -1.00 0.00	48.31 -0.60 0.00	36.72 -0.73 0.00	56.21 -0.62 0.00	49.61 -0.64 0.00	53.77 -0.23 0.00	48.56 0.54 0.00	35.60 0.18 0.00	34.18 -0.17 0.00
SELKIRK___I 23801	37.13 0.99 0.00	39.97 1.26 0.00	43.35 1.62 0.00	38.07 1.44 0.00	37.65 1.46 0.00	37.87 1.38 0.00	35.65 1.22 1.51	23.61 1.24 14.02	37.31 0.89 1.75	39.01 0.93 0.38	38.64 0.87 0.00	42.87 0.93 0.00	53.97 1.09 0.00	57.24 1.26 0.00	50.50 0.98 0.00	38.68 0.79 0.00	49.72 0.76 -0.04	38.14 0.69 0.00	57.71 0.88 0.00	51.17 0.92 0.00	53.32 1.17 1.86	49.28 1.25 0.00	36.53 1.11 0.00	35.51 1.16 0.00
SELKIRK___II 23799	36.90 0.77 0.00	39.70 0.98 0.00	42.99 1.25 0.00	37.74 1.11 0.00	37.33 1.14 0.00	37.54 1.06 0.00	35.13 0.90 1.71	21.43 0.91 15.86	36.69 0.49 1.98	38.56 0.54 0.43	38.24 0.47 0.00	42.43 0.49 0.00	53.45 0.57 0.00	56.67 0.69 0.00	50.03 0.52 0.00	38.34 0.44 0.00	49.26 0.31 -0.05	37.80 0.36 0.00	57.16 0.33 0.00	50.67 0.42 0.00	52.61 0.71 2.10	48.96 0.94 0.00	36.31 0.89 0.00	35.31 0.96 0.00
SENECA OSWGO___HYD 24041	35.54 -0.60 0.00	38.05 -0.67 0.00	40.95 -0.78 0.00	35.92 -0.71 0.00	35.50 -0.69 0.00	35.80 -0.68 0.00	35.33 -0.60 0.00	35.75 -0.63 0.00	37.52 -0.65 0.00	37.74 -0.71 0.00	37.12 -0.65 0.00	41.24 -0.69 0.00	52.09 -0.79 0.00	55.20 -0.78 0.00	48.69 -0.83 0.00	37.18 -0.72 0.00	48.06 -0.85 0.00	36.74 -0.71 0.00	55.80 -1.03 0.00	49.36 -0.89 0.00	53.10 -0.91 0.00	47.36 -0.66 0.00	34.86 -0.56 0.00	33.69 -0.66 0.00
SENECA___115KV_TB3 355854	36.93 0.79 0.00	39.38 0.66 0.00	41.96 0.23 0.00	36.63 0.00 0.00	36.14 -0.05 0.00	36.62 0.14 0.00	36.31 0.37 0.00	36.43 0.05 0.00	38.46 0.28 0.00	38.49 0.04 0.00	37.88 0.11 0.00	42.07 0.13 0.00	53.07 0.19 0.00	56.00 0.02 0.00	49.37 -0.15 0.00	37.52 -0.38 0.00	49.08 0.17 0.00	37.29 -0.16 0.00	57.04 0.22 0.00	50.34 0.09 0.00	54.53 0.52 0.00	49.20 1.17 0.00	36.07 0.65 0.00	34.58 0.23 0.00
SENECA___ENERGY 23797	36.39 0.26 0.00	38.91 0.19 0.00	41.78 0.04 0.00	36.57 -0.06 0.00	36.13 -0.06 0.00	36.55 0.06 0.00	36.13 0.19 0.00	36.60 0.22 0.00	38.55 0.37 0.00	38.76 0.31 0.00	38.07 0.30 0.00	42.31 0.37 0.00	53.44 0.56 0.00	56.43 0.44 0.00	49.81 0.29 0.00	37.96 0.06 0.00	49.11 0.20 0.00	37.54 0.09 0.00	57.29 0.46 0.00	50.65 0.40 0.00	54.59 0.58 0.00	48.69 0.66 0.00	35.73 0.32 0.00	34.43 0.07 0.00
SHOEMAKER___GT 23640	37.48 1.35 0.00	40.26 1.54 0.00	43.33 1.60 0.00	38.03 1.40 0.00	37.63 1.44 0.00	37.87 1.38 0.00	37.36 1.43 0.00	37.96 1.58 0.00	39.58 1.40 0.00	39.89 1.44 0.00	39.23 1.46 0.00	43.61 1.68 0.00	55.04 2.16 0.00	58.47 2.49 0.00	51.87 2.35 0.00	39.74 1.85 0.00	50.89 2.10 0.12	39.04 1.59 0.00	58.92 2.09 0.00	52.21 1.96 0.00	56.19 2.18 0.00	49.91 1.89 0.00	36.96 1.54 0.00	35.97 1.61 0.00
SHOEMAKR_138KV_BK 111 55601	37.43 1.30 0.00	40.21 1.50 0.00	43.28 1.55 0.00	37.98 1.35 0.00	37.58 1.39 0.00	37.82 1.33 0.00	37.32 1.38 0.00	37.92 1.53 0.00	39.53 1.35 0.00	39.83 1.38 0.00	39.21 1.44 0.00	43.60 1.66 0.00	55.04 2.16 0.00	58.43 2.44 0.00	51.83 2.32 0.00	39.73 1.83 0.00	50.87 2.08 0.12	39.01 1.56 0.00	58.86 2.04 0.00	52.13 1.89 0.00	56.11 2.11 0.00	49.84 1.82 0.00	36.91 1.49 0.00	35.92 1.57 0.00
SHOREHAM_IC_1 23715	38.43 2.29 0.00	41.42 2.70 0.00	45.01 3.28 0.00	39.90 3.26 0.00	39.42 3.23 0.00	39.33 2.84 0.00	39.12 3.19 0.00	39.86 3.48 0.00	41.03 2.85 0.00	44.10 3.09 -2.57	67.86 3.66 -26.42	123.67 4.26 -77.46	142.34 5.14 -84.33	62.39 4.38 -2.03	93.59 4.37 -39.70	68.84 3.60 -27.35	87.94 4.11 -34.92	79.47 2.98 -39.04	82.06 3.62 -21.61	79.54 3.87 -25.42	158.27 5.12 -99.15	54.46 4.27 -2.16	39.23 3.47 -0.34	38.35 3.63 -0.37
SHOREHAM_IC_2 23716	38.43 2.29 0.00	41.42 2.70 0.00	45.01 3.28 0.00	39.90 3.26 0.00	39.42 3.23 0.00	39.33 2.84 0.00	39.12 3.19 0.00	39.86 3.48 0.00	41.03 2.85 0.00	44.10 3.09 -2.57	67.86 3.66 -26.42	123.67 4.26 -77.46	142.34 5.14 -84.33	62.39 4.38 -2.03	93.59 4.37 -39.70	68.84 3.60 -27.35	87.94 4.11 -34.92	79.47 2.98 -39.04	82.06 3.62 -21.61	79.54 3.87 -25.42	158.27 5.12 -99.15	54.46 4.27 -2.16	39.23 3.47 -0.34	38.35 3.63 -0.37

SISSONVILLE____ 23735	36.24 0.10 0.00	38.64 -0.08 0.00	41.45 -0.28 0.00	36.43 -0.21 0.00	35.75 -0.43 0.00	35.92 -0.56 0.00	35.35 -0.58 0.00	35.81 -0.56 0.00	37.69 -0.49 0.00	37.99 -0.46 0.00	37.30 -0.48 0.00	41.31 -0.63 0.00	52.00 -0.88 0.00	55.09 -0.89 0.00	48.85 -0.67 0.00	37.40 -0.49 0.00	48.38 -0.54 0.00	37.02 -0.43 0.00	56.46 -0.37 0.00	49.73 -0.52 0.00	53.72 -0.28 0.00	47.53 -0.49 0.00	34.93 -0.48 0.00	33.78 -0.57 0.00
SITHE_IND_GS1 24169	35.09 -1.04 0.00	37.56 -1.16 0.00	40.43 -1.30 0.00	35.46 -1.18 0.00	35.03 -1.16 0.00	35.33 -1.16 0.00	34.86 -1.07 0.00	35.28 -1.10 0.00	37.04 -1.13 0.00	37.30 -1.16 0.00	36.64 -1.13 0.00	40.70 -1.24 0.00	51.36 -1.53 0.00	54.36 -1.62 0.00	48.04 -1.48 0.00	36.71 -1.18 0.00	47.43 -1.48 0.00	36.29 -1.16 0.00	55.12 -1.70 0.00	48.74 -1.51 0.00	52.44 -1.56 0.00	46.71 -1.31 0.00	34.40 -1.01 0.00	33.28 -1.07 0.00
SITHE_IND_GS2 24170	35.09 -1.04 0.00	37.56 -1.16 0.00	40.43 -1.30 0.00	35.46 -1.18 0.00	35.03 -1.16 0.00	35.33 -1.16 0.00	34.86 -1.07 0.00	35.28 -1.10 0.00	37.04 -1.13 0.00	37.30 -1.16 0.00	36.64 -1.13 0.00	40.70 -1.24 0.00	51.36 -1.53 0.00	54.36 -1.62 0.00	48.04 -1.48 0.00	36.71 -1.18 0.00	47.43 -1.48 0.00	36.29 -1.16 0.00	55.12 -1.70 0.00	48.74 -1.51 0.00	52.44 -1.56 0.00	46.71 -1.31 0.00	34.40 -1.01 0.00	33.28 -1.07 0.00
SITHE_IND_GS3 24171	35.09 -1.04 0.00	37.56 -1.16 0.00	40.43 -1.30 0.00	35.46 -1.18 0.00	35.03 -1.16 0.00	35.33 -1.16 0.00	34.86 -1.07 0.00	35.28 -1.10 0.00	37.04 -1.13 0.00	37.30 -1.16 0.00	36.64 -1.13 0.00	40.70 -1.24 0.00	51.36 -1.53 0.00	54.36 -1.62 0.00	48.04 -1.48 0.00	36.71 -1.18 0.00	47.43 -1.48 0.00	36.29 -1.16 0.00	55.12 -1.70 0.00	48.74 -1.51 0.00	52.44 -1.56 0.00	46.71 -1.31 0.00	34.40 -1.01 0.00	33.28 -1.07 0.00
SITHE_IND_GS4 24172	35.09 -1.04 0.00	37.56 -1.16 0.00	40.43 -1.30 0.00	35.46 -1.18 0.00	35.03 -1.16 0.00	35.33 -1.16 0.00	34.86 -1.07 0.00	35.28 -1.10 0.00	37.04 -1.13 0.00	37.30 -1.16 0.00	36.64 -1.13 0.00	40.70 -1.24 0.00	51.36 -1.53 0.00	54.36 -1.62 0.00	48.04 -1.48 0.00	36.71 -1.18 0.00	47.43 -1.48 0.00	36.29 -1.16 0.00	55.12 -1.70 0.00	48.74 -1.51 0.00	52.44 -1.56 0.00	46.71 -1.31 0.00	34.40 -1.01 0.00	33.28 -1.07 0.00
SITHE____BATAVIA 24024	37.46 1.33 0.00	39.91 1.20 0.00	42.54 0.81 0.00	37.14 0.50 0.00	36.64 0.45 0.00	37.11 0.63 0.00	36.81 0.87 0.00	36.96 0.58 0.00	39.10 0.93 0.00	39.22 0.77 0.00	38.64 0.87 0.00	42.84 0.90 0.00	53.80 0.92 0.00	56.60 0.62 0.00	49.82 0.30 0.00	37.96 0.06 0.00	49.57 0.66 0.00	37.68 0.23 0.00	57.78 0.96 0.00	51.15 0.91 0.00	55.40 1.39 0.00	49.93 1.91 0.00	36.61 1.19 0.00	35.10 0.74 0.00
SITHE____INDEPEND 23800	35.10 -1.04 0.00	37.56 -1.15 0.00	40.43 -1.30 0.00	35.46 -1.18 0.00	35.03 -1.16 0.00	35.33 -1.16 0.00	34.86 -1.08 0.00	35.28 -1.10 0.00	37.04 -1.13 0.00	37.29 -1.16 0.00	36.64 -1.13 0.00	40.70 -1.24 0.00	51.36 -1.52 0.00	54.36 -1.62 0.00	48.04 -1.48 0.00	36.71 -1.18 0.00	47.43 -1.48 0.00	36.29 -1.16 0.00	55.12 -1.70 0.00	48.74 -1.51 0.00	52.45 -1.56 0.00	46.71 -1.31 0.00	34.40 -1.01 0.00	33.28 -1.07 0.00
SITHE____MASSENA 23902	36.16 0.03 0.00	38.62 -0.10 0.00	41.51 -0.23 0.00	36.47 -0.16 0.00	35.94 -0.24 0.00	36.29 -0.20 0.00	35.76 -0.18 0.00	36.18 -0.20 0.00	38.13 -0.04 0.00	38.42 -0.04 0.00	37.72 -0.05 0.00	41.83 -0.11 0.00	52.72 -0.16 0.00	55.83 -0.15 0.00	49.47 -0.05 0.00	37.88 -0.02 0.00	49.04 0.13 0.00	37.50 0.04 0.00	57.12 0.30 0.00	50.31 0.07 0.00	54.02 0.02 0.00	47.88 -0.15 0.00	35.25 -0.17 0.00	34.20 -0.15 0.00
SITHE____OGDNSBRG 24021	36.81 0.68 0.00	39.26 0.55 0.00	42.14 0.40 0.00	37.03 0.39 0.00	36.44 0.26 0.00	36.74 0.25 0.00	36.21 0.28 0.00	36.67 0.28 0.00	38.66 0.48 0.00	38.92 0.47 0.00	38.28 0.51 0.00	42.39 0.46 0.00	53.42 0.54 0.00	56.71 0.73 0.00	50.23 0.71 0.00	38.49 0.59 0.00	49.77 0.86 0.00	37.94 0.49 0.00	57.96 1.13 0.00	50.97 0.73 0.00	54.95 0.95 0.00	48.67 0.65 0.00	35.75 0.33 0.00	34.61 0.26 0.00
SITHE____STERLING 23777	37.20 1.06 0.00	39.74 1.02 0.00	42.82 1.08 0.00	37.56 0.93 0.00	37.08 0.89 0.00	37.43 0.94 0.00	36.97 1.03 0.00	37.50 1.11 0.00	39.39 1.22 0.00	39.76 1.31 0.00	39.21 1.44 0.00	43.51 1.58 0.00	54.90 2.02 0.00	58.10 2.12 0.00	51.54 2.02 0.00	39.40 1.51 0.00	50.78 1.86 0.00	38.76 1.31 0.00	58.85 2.03 0.00	52.05 1.80 0.00	56.06 2.06 0.00	49.83 1.81 0.00	36.59 1.17 0.00	35.25 0.90 0.00
SLEIGHT__34_KV_TB1 80719	37.18 1.05 0.00	39.74 1.02 0.00	42.67 0.93 0.00	37.34 0.70 0.00	36.88 0.69 0.00	37.32 0.84 0.00	36.96 1.03 0.00	37.49 1.11 0.00	39.45 1.28 0.00	39.76 1.31 0.00	39.12 1.35 0.00	43.55 1.61 0.00	55.06 2.18 0.00	58.12 2.14 0.00	51.31 1.79 0.00	39.09 1.20 0.00	50.54 1.63 0.00	38.52 1.07 0.00	58.74 1.91 0.00	51.82 1.57 0.00	55.83 1.83 0.00	49.71 1.68 0.00	36.40 0.98 0.00	35.03 0.67 0.00
SOUTH CAIRO____GT 23612	38.54 2.40 0.00	41.39 2.68 0.00	44.84 3.11 0.00	39.32 2.68 0.00	38.85 2.66 0.00	39.10 2.61 0.00	36.94 2.47 1.47	25.42 2.63 13.60	38.68 2.20 1.70	40.21 2.13 0.37	39.73 1.96 0.00	44.10 2.16 0.00	55.86 2.98 0.00	60.10 4.12 0.00	52.68 3.15 0.00	40.26 2.36 0.00	51.55 2.61 -0.03	39.56 2.11 0.00	60.16 3.33 0.00	53.35 3.11 0.00	55.70 3.50 1.80	51.29 3.27 0.00	37.98 2.56 0.00	36.78 2.43 0.00
SOUTH HAMPTN____IC 23720	39.36 3.22 0.00	42.32 3.61 0.00	45.92 4.18 0.00	40.66 4.02 0.00	40.16 3.97 0.00	40.10 3.62 0.00	39.89 3.96 0.00	40.72 4.34 0.00	42.07 3.90 0.00	45.21 4.19 -2.57	68.92 4.73 -26.42	123.16 5.45 -75.77	141.69 6.54 -82.27	64.09 6.08 -2.03	91.69 5.88 -36.28	68.59 4.76 -25.93	86.50 5.65 -31.93	77.26 4.13 -35.68	82.31 5.30 -20.19	79.43 5.27 -23.92	155.81 6.62 -95.19	55.72 5.62 -2.08	40.17 4.42 -0.33	39.20 4.49 -0.36
SOUTHDOW_115KV_TB1 355954	37.89 1.75 0.00	40.46 1.75 0.00	43.21 1.48 0.00	37.71 1.08 0.00	37.21 1.03 0.00	37.80 1.31 0.00	37.54 1.61 0.00	37.83 1.44 0.00	39.98 1.81 0.00	40.04 1.59 0.00	39.47 1.69 0.00	43.83 1.89 0.00	55.27 2.39 0.00	58.28 2.30 0.00	51.44 1.92 0.00	38.94 1.05 0.00	50.82 1.91 0.00	38.55 1.10 0.00	58.88 2.06 0.00	51.96 1.72 0.00	56.24 2.23 0.00	50.55 2.53 0.00	36.97 1.55 0.00	35.50 1.15 0.00
SOUTHOLD_69_KV_BK 2 55809	40.38 4.25 0.00	43.38 4.66 0.00	47.01 5.28 0.00	41.61 4.97 0.00	41.09 4.90 0.00	41.05 4.57 0.00	40.86 4.93 0.00	41.75 5.37 0.00	43.30 5.13 0.00	46.43 5.41 -2.57	70.14 5.95 -26.42	124.40 6.67 -75.79	142.38 7.20 -82.30	64.95 6.94 -2.03	92.53 6.66 -36.34	69.24 5.39 -25.95	87.43 6.53 -31.98	77.97 4.78 -35.74	83.20 6.16 -20.21	80.14 5.95 -23.94	157.21 7.98 -95.23	57.31 7.21 -2.08	41.29 5.54 -0.33	40.21 5.51 -0.36

SOUTHOLD___IC 23719	40.38 4.25 0.00	43.38 4.66 0.00	47.00 5.27 0.00	41.61 4.97 0.00	41.10 4.91 0.00	41.05 4.57 0.00	40.86 4.92 0.00	41.75 5.37 0.00	43.30 5.13 0.00	46.43 5.41 -2.57	70.14 5.95 -26.42	124.42 6.68 -75.79	142.38 7.20 -82.30	64.96 6.95 -2.03	92.52 6.66 -36.34	69.24 5.39 -25.95	87.42 6.53 -31.98	77.97 4.79 -35.74	83.18 6.14 -20.21	80.14 5.95 -23.94	157.20 7.97 -95.23	57.31 7.20 -2.08	41.29 5.54 -0.33	40.22 5.51 -0.36
SPIERFLS_115KV_TB 1 80737	38.52 2.39 0.00	41.30 2.58 0.00	44.49 2.76 0.00	39.05 2.42 0.00	38.59 2.40 0.00	38.82 2.33 0.00	39.92 2.30 -1.69	54.65 2.59 -15.68	42.69 2.56 -1.96	41.36 2.48 -0.42	39.94 2.17 0.00	44.35 2.41 0.00	55.87 2.99 0.00	59.41 3.43 0.00	52.65 3.13 0.00	40.46 2.56 0.00	51.84 2.88 -0.05	39.57 2.12 0.00	60.24 3.42 0.00	53.11 2.86 0.00	59.47 3.39 -2.08	51.34 3.32 0.00	37.92 2.51 0.00	36.74 2.39 0.00
ST LAWRENCE____ 23600	35.72 -0.41 0.00	38.16 -0.55 0.00	41.03 -0.71 0.00	36.04 -0.59 0.00	35.55 -0.64 0.00	35.92 -0.56 0.00	35.40 -0.53 0.00	35.80 -0.58 0.00	37.75 -0.43 0.00	38.03 -0.42 0.00	37.32 -0.45 0.00	41.40 -0.54 0.00	52.19 -0.69 0.00	55.25 -0.73 0.00	48.94 -0.58 0.00	37.48 -0.42 0.00	48.53 -0.39 0.00	37.14 -0.31 0.00	56.55 -0.27 0.00	49.84 -0.41 0.00	53.43 -0.58 0.00	47.36 -0.67 0.00	34.89 -0.53 0.00	33.88 -0.47 0.00
STATE_CA_115KV_115_LB 55624	37.13 0.99 0.00	39.93 1.21 0.00	43.21 1.48 0.00	37.93 1.29 0.00	37.50 1.31 0.00	37.71 1.23 0.00	34.90 1.11 2.15	17.77 1.29 19.90	36.61 0.92 2.48	38.93 1.01 0.54	38.74 0.97 0.00	43.02 1.08 0.00	54.24 1.36 0.00	57.50 1.51 0.00	50.72 1.20 0.00	38.84 0.94 0.00	49.90 0.94 -0.05	38.24 0.78 0.00	57.79 0.96 0.00	51.20 0.96 0.00	52.54 1.17 2.64	49.18 1.16 0.00	36.44 1.02 0.00	35.41 1.06 0.00
STATE_ST_34_KV_LOAD 55959	36.94 0.81 0.00	39.52 0.81 0.00	42.55 0.81 0.00	37.25 0.61 0.00	36.79 0.60 0.00	37.23 0.75 0.00	36.76 0.83 0.00	37.26 0.88 0.00	39.19 1.01 0.00	39.52 1.06 0.00	38.55 0.78 0.00	42.96 1.02 0.00	54.27 1.39 0.00	57.18 1.19 0.00	50.65 1.13 0.00	38.61 0.71 0.00	49.74 0.83 0.00	38.20 0.74 0.00	58.32 1.49 0.00	51.40 1.15 0.00	55.46 1.45 0.00	49.37 1.34 0.00	36.18 0.76 0.00	34.96 0.61 0.00
STATION 5_MISC_HYD 23604	36.80 0.67 0.00	39.27 0.55 0.00	41.98 0.25 0.00	36.68 0.04 0.00	36.20 0.02 0.00	36.60 0.12 0.00	36.25 0.31 0.00	36.57 0.19 0.00	38.61 0.43 0.00	38.78 0.34 0.00	38.14 0.37 0.00	42.32 0.38 0.00	53.26 0.38 0.00	56.25 0.27 0.00	49.62 0.10 0.00	37.84 -0.05 0.00	49.31 0.40 0.00	37.65 0.20 0.00	57.47 0.64 0.00	50.75 0.50 0.00	54.76 0.75 0.00	49.05 1.02 0.00	35.92 0.50 0.00	34.52 0.17 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.86 0.72 0.00	39.34 0.62 0.00	42.12 0.38 0.00	36.83 0.19 0.00	36.37 0.19 0.00	36.79 0.30 0.00	36.43 0.50 0.00	36.85 0.47 0.00	38.90 0.73 0.00	39.12 0.67 0.00	38.51 0.74 0.00	42.74 0.80 0.00	53.93 1.05 0.00	56.96 0.97 0.00	50.18 0.65 0.00	38.27 0.37 0.00	49.74 0.83 0.00	37.92 0.47 0.00	57.85 1.03 0.00	51.09 0.85 0.00	55.04 1.04 0.00	49.17 1.14 0.00	36.02 0.60 0.00	34.63 0.28 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.56 0.43 0.00	39.02 0.30 0.00	41.72 -0.02 0.00	36.46 -0.18 0.00	35.98 -0.21 0.00	36.38 -0.11 0.00	36.03 0.09 0.00	36.37 -0.01 0.00	38.40 0.23 0.00	38.61 0.16 0.00	37.97 0.20 0.00	42.12 0.18 0.00	53.04 0.16 0.00	56.04 0.06 0.00	49.44 -0.09 0.00	37.73 -0.17 0.00	49.14 0.23 0.00	37.51 0.06 0.00	57.23 0.40 0.00	50.52 0.27 0.00	54.48 0.47 0.00	48.74 0.72 0.00	35.70 0.28 0.00	34.32 -0.03 0.00
STA_56___34_KV_BUS2 355983	36.56 0.43 0.00	39.02 0.30 0.00	41.72 -0.02 0.00	36.46 -0.18 0.00	35.98 -0.21 0.00	36.38 -0.11 0.00	36.03 0.09 0.00	36.37 -0.01 0.00	38.40 0.23 0.00	38.61 0.16 0.00	37.97 0.20 0.00	42.12 0.18 0.00	53.04 0.16 0.00	56.04 0.06 0.00	49.44 -0.09 0.00	37.73 -0.17 0.00	49.14 0.23 0.00	37.51 0.06 0.00	57.23 0.40 0.00	50.52 0.27 0.00	54.48 0.47 0.00	48.74 0.72 0.00	35.70 0.28 0.00	34.32 -0.03 0.00
STA_67___115KV_BK2 355882	36.70 0.56 0.00	39.16 0.44 0.00	41.87 0.13 0.00	36.59 -0.05 0.00	36.11 -0.08 0.00	36.51 0.03 0.00	36.15 0.21 0.00	36.46 0.08 0.00	38.48 0.31 0.00	38.66 0.21 0.00	38.01 0.23 0.00	42.18 0.24 0.00	53.10 0.21 0.00	56.07 0.09 0.00	49.44 -0.08 0.00	37.73 -0.17 0.00	49.13 0.22 0.00	37.51 0.06 0.00	57.26 0.43 0.00	50.57 0.32 0.00	54.57 0.57 0.00	48.90 0.87 0.00	35.82 0.40 0.00	34.43 0.08 0.00
STA_7___115KV_9TRANS 80674	37.06 0.93 0.00	39.52 0.80 0.00	42.24 0.50 0.00	36.90 0.26 0.00	36.42 0.23 0.00	36.82 0.33 0.00	36.48 0.54 0.00	36.81 0.42 0.00	38.88 0.70 0.00	39.06 0.61 0.00	38.40 0.63 0.00	42.62 0.68 0.00	53.63 0.75 0.00	56.64 0.65 0.00	49.98 0.46 0.00	38.14 0.24 0.00	49.70 0.79 0.00	37.95 0.49 0.00	57.94 1.11 0.00	51.16 0.92 0.00	55.17 1.17 0.00	49.40 1.38 0.00	36.17 0.75 0.00	34.74 0.39 0.00
STA_82___115KV_TB1 80780	36.73 0.59 0.00	39.20 0.48 0.00	41.89 0.16 0.00	36.61 -0.02 0.00	36.14 -0.05 0.00	36.53 0.05 0.00	36.18 0.24 0.00	36.49 0.11 0.00	38.52 0.34 0.00	38.70 0.25 0.00	38.03 0.26 0.00	42.21 0.27 0.00	53.13 0.25 0.00	56.12 0.14 0.00	49.47 -0.05 0.00	37.73 -0.16 0.00	49.17 0.26 0.00	37.53 0.08 0.00	57.30 0.48 0.00	50.61 0.36 0.00	54.61 0.61 0.00	48.93 0.91 0.00	35.84 0.43 0.00	34.46 0.10 0.00
STEEL___WIND 323596	36.89 0.76 0.00	39.33 0.61 0.00	41.93 0.19 0.00	36.61 -0.03 0.00	36.11 -0.08 0.00	36.59 0.10 0.00	36.27 0.34 0.00	36.40 0.02 0.00	38.41 0.24 0.00	38.42 -0.03 0.00	37.84 0.07 0.00	42.02 0.08 0.00	52.99 0.11 0.00	55.90 -0.08 0.00	49.28 -0.24 0.00	37.44 -0.46 0.00	48.99 0.07 0.00	37.22 -0.23 0.00	56.93 0.10 0.00	50.24 -0.01 0.00	54.44 0.43 0.00	49.14 1.12 0.00	36.02 0.60 0.00	34.53 0.18 0.00
STEPHTWN_115KV_BK_2 55603	37.09 0.95 0.00	39.95 1.24 0.00	43.25 1.52 0.00	37.99 1.36 0.00	37.46 1.27 0.00	37.79 1.31 0.00	34.57 1.21 2.58	13.85 1.40 23.93	36.13 0.94 2.98	38.86 1.05 0.65	38.87 1.10 0.00	43.14 1.20 0.00	54.37 1.49 0.00	57.82 1.83 0.00	50.91 1.39 0.00	39.07 1.17 0.00	50.16 1.20 -0.05	38.31 0.86 0.00	58.09 1.26 0.00	51.40 1.15 0.00	52.20 1.37 3.18	49.44 1.41 0.00	36.64 1.22 0.00	35.53 1.18 0.00
STEUBEN_REC_LFGE 323667	37.47 1.34 0.00	39.97 1.25 0.00	42.63 0.89 0.00	37.34 0.71 0.00	36.91 0.72 0.00	37.41 0.92 0.00	37.03 1.09 0.00	37.33 0.95 0.00	39.47 1.30 0.00	39.66 1.21 0.00	39.04 1.27 0.00	43.29 1.35 0.00	54.53 1.65 0.00	56.95 0.96 0.00	50.28 0.76 0.00	38.37 0.47 0.00	49.99 1.08 0.00	37.92 0.47 0.00	58.17 1.35 0.00	51.53 1.28 0.00	55.90 1.90 0.00	50.22 2.20 0.00	36.76 1.34 0.00	35.27 0.92 0.00

STONY___BROOK 24151	38.86 2.73 0.00	41.79 3.07 0.00	45.16 3.42 0.00	39.84 3.21 0.00	39.38 3.19 0.00	39.40 2.92 0.00	39.13 3.19 0.00	39.97 3.59 0.00	41.41 3.23 0.00	44.48 3.46 -2.57	67.90 3.70 -26.43	132.52 4.05 -86.53	152.98 4.96 -95.13	62.98 4.97 -2.03	111.07 4.70 -56.84	76.50 3.67 -34.93	103.04 4.20 -49.93	96.41 3.07 -55.89	89.55 3.73 -28.99	87.45 3.87 -33.34	180.32 4.77 -121.55	54.71 4.04 -2.66	39.27 3.43 -0.42	38.44 3.63 -0.46
STURGEON_POOL_HYD 23609	37.63 1.49 0.00	40.41 1.69 0.00	43.48 1.74 0.00	38.17 1.54 0.00	37.79 1.60 0.00	37.99 1.51 0.00	37.19 1.60 0.34	35.09 1.91 3.20	39.51 1.74 0.40	40.12 1.76 0.09	39.67 1.90 0.00	44.14 2.20 0.00	55.70 2.82 0.00	59.07 3.09 0.00	52.48 2.96 0.00	40.31 2.41 0.00	51.65 2.74 0.00	39.38 1.93 0.00	59.30 2.47 0.00	52.49 2.24 0.00	56.03 2.44 0.42	50.09 2.07 0.00	37.13 1.71 0.00	36.18 1.83 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.46 1.33 0.00	40.25 1.54 0.00	43.29 1.55 0.00	37.97 1.34 0.00	37.59 1.40 0.00	37.82 1.34 0.00	37.37 1.43 0.00	37.99 1.61 0.00	39.57 1.39 0.00	39.87 1.42 0.00	39.37 1.60 0.00	43.84 1.90 0.00	55.36 2.48 0.00	58.73 2.75 0.00	52.15 2.64 0.00	39.98 2.08 0.00	51.15 2.37 0.14	39.15 1.70 0.00	58.99 2.17 0.00	52.22 1.97 0.00	56.21 2.20 0.00	49.89 1.87 0.00	36.97 1.55 0.00	36.02 1.67 0.00
SWANROAD_115KV_TB1 355699	35.88 -0.26 0.00	38.30 -0.42 0.00	40.75 -0.98 0.00	35.60 -1.04 0.00	35.12 -1.06 0.00	35.55 -0.93 0.00	35.22 -0.72 0.00	35.10 -1.28 0.00	36.95 -1.22 0.00	36.97 -1.48 0.00	36.35 -1.42 0.00	40.35 -1.59 0.00	50.78 -2.10 0.00	53.56 -2.42 0.00	47.15 -2.37 0.00	35.87 -2.03 0.00	46.98 -1.93 0.00	35.73 -1.72 0.00	54.66 -2.16 0.00	48.30 -1.95 0.00	52.44 -1.56 0.00	47.54 -0.48 0.00	34.97 -0.45 0.00	33.52 -0.83 0.00
SYNERGY___BIOGAS 323694	37.46 1.33 0.00	39.91 1.20 0.00	42.54 0.81 0.00	37.14 0.50 0.00	36.64 0.45 0.00	37.11 0.63 0.00	36.81 0.87 0.00	36.96 0.58 0.00	39.10 0.93 0.00	39.22 0.77 0.00	38.64 0.87 0.00	42.84 0.90 0.00	53.80 0.92 0.00	56.60 0.62 0.00	49.82 0.30 0.00	37.96 0.06 0.00	49.57 0.66 0.00	37.68 0.23 0.00	57.78 0.96 0.00	51.15 0.91 0.00	55.40 1.39 0.00	49.93 1.91 0.00	36.61 1.19 0.00	35.10 0.74 0.00
SYRACUSE___ENERGY_ST1 323597	36.12 -0.01 0.00	38.65 -0.07 0.00	41.60 -0.14 0.00	36.47 -0.17 0.00	36.02 -0.17 0.00	36.36 -0.12 0.00	35.89 -0.05 0.00	36.36 -0.02 0.00	38.20 0.03 0.00	38.46 0.01 0.00	37.83 0.06 0.00	42.06 0.12 0.00	53.15 0.27 0.00	56.27 0.29 0.00	49.68 0.16 0.00	37.92 0.02 0.00	49.00 0.09 0.00	37.41 -0.04 0.00	56.85 0.03 0.00	50.26 0.01 0.00	54.10 0.10 0.00	48.16 0.14 0.00	35.43 0.01 0.00	34.22 -0.13 0.00
SYRACUSE___ENERGY_ST2 323598	36.12 -0.01 0.00	38.65 -0.07 0.00	41.60 -0.14 0.00	36.47 -0.17 0.00	36.02 -0.17 0.00	36.36 -0.12 0.00	35.89 -0.05 0.00	36.36 -0.02 0.00	38.20 0.03 0.00	38.46 0.01 0.00	37.83 0.06 0.00	42.06 0.12 0.00	53.15 0.27 0.00	56.27 0.29 0.00	49.68 0.16 0.00	37.92 0.02 0.00	49.00 0.09 0.00	37.41 -0.04 0.00	56.85 0.03 0.00	50.26 0.01 0.00	54.10 0.10 0.00	48.16 0.14 0.00	35.43 0.01 0.00	34.22 -0.13 0.00
SYRACUSE___POWER 24017	36.15 0.02 0.00	38.66 -0.05 0.00	41.60 -0.13 0.00	36.47 -0.16 0.00	36.04 -0.15 0.00	36.36 -0.13 0.00	35.89 -0.05 0.00	36.36 -0.02 0.00	38.22 0.05 0.00	38.47 0.02 0.00	37.85 0.08 0.00	42.04 0.10 0.00	53.10 0.22 0.00	56.25 0.27 0.00	49.66 0.14 0.00	37.91 0.01 0.00	48.99 0.08 0.00	37.45 0.00 0.00	56.89 0.06 0.00	50.31 0.06 0.00	54.14 0.13 0.00	48.20 0.18 0.00	35.45 0.04 0.00	34.25 -0.11 0.00
TALLMAN__138KV_BK151 55660	37.55 1.41 0.00	40.38 1.67 0.00	43.36 1.63 0.00	38.05 1.41 0.00	37.68 1.49 0.00	37.90 1.42 0.00	37.51 1.57 0.00	38.16 1.77 0.00	39.70 1.53 0.00	39.99 1.55 0.00	39.48 1.71 0.00	43.98 2.04 0.00	55.49 2.61 0.00	58.91 2.93 0.00	52.35 2.83 0.00	40.12 2.22 0.00	51.25 2.50 0.17	39.27 1.82 0.00	59.13 2.30 0.00	52.34 2.09 0.00	56.34 2.33 0.00	49.98 1.96 0.00	37.08 1.66 0.00	36.17 1.82 0.00
TEALLAVE_115KV_TB7 355573	35.94 -0.20 0.00	38.43 -0.28 0.00	41.34 -0.39 0.00	36.25 -0.38 0.00	35.81 -0.38 0.00	36.13 -0.35 0.00	35.66 -0.28 0.00	36.13 -0.25 0.00	37.97 -0.20 0.00	38.23 -0.22 0.00	37.61 -0.16 0.00	41.78 -0.16 0.00	52.77 -0.11 0.00	55.89 -0.10 0.00	49.33 -0.19 0.00	37.65 -0.25 0.00	48.67 -0.24 0.00	37.21 -0.24 0.00	56.50 -0.32 0.00	49.97 -0.28 0.00	53.78 -0.22 0.00	47.88 -0.14 0.00	35.22 -0.20 0.00	34.03 -0.32 0.00
TELGRAPH_34_KV_EAST 80808	36.61 0.47 0.00	39.05 0.33 0.00	41.58 -0.16 0.00	36.29 -0.34 0.00	35.82 -0.37 0.00	36.26 -0.23 0.00	35.94 0.00 0.00	35.98 -0.40 0.00	37.97 -0.21 0.00	38.03 -0.42 0.00	37.46 -0.32 0.00	41.55 -0.38 0.00	52.30 -0.58 0.00	55.15 -0.83 0.00	48.58 -0.94 0.00	36.97 -0.93 0.00	48.35 -0.56 0.00	36.74 -0.71 0.00	56.24 -0.58 0.00	49.68 -0.56 0.00	53.88 -0.12 0.00	48.75 0.73 0.00	35.82 0.40 0.00	34.38 0.03 0.00
TEMPLE___115KV_TB 2 55572	35.96 -0.17 0.00	38.47 -0.25 0.00	41.38 -0.35 0.00	36.28 -0.35 0.00	35.83 -0.36 0.00	36.15 -0.33 0.00	35.70 -0.24 0.00	36.16 -0.22 0.00	38.01 -0.17 0.00	38.27 -0.18 0.00	37.65 -0.12 0.00	41.82 -0.11 0.00	52.82 -0.06 0.00	55.94 -0.04 0.00	49.38 -0.14 0.00	37.68 -0.22 0.00	48.72 -0.19 0.00	37.25 -0.20 0.00	56.55 -0.27 0.00	50.01 -0.24 0.00	53.82 -0.19 0.00	47.91 -0.11 0.00	35.26 -0.16 0.00	34.05 -0.30 0.00
TIANA____69_KV_BK 1 55817	39.14 3.00 0.00	42.09 3.37 0.00	45.67 3.94 0.00	40.43 3.79 0.00	39.94 3.75 0.00	39.87 3.39 0.00	39.66 3.73 0.00	40.47 4.09 0.00	41.80 3.62 0.00	44.92 3.90 -2.57	68.65 4.46 -26.42	122.86 5.13 -75.79	141.35 6.18 -82.29	63.69 5.68 -2.03	91.38 5.52 -36.33	68.32 4.48 -25.95	86.19 5.30 -31.97	77.02 3.85 -35.73	81.92 4.89 -20.21	79.10 4.92 -23.94	155.44 6.21 -95.22	55.37 5.26 -2.08	39.92 4.17 -0.33	38.97 4.26 -0.36
TILDEN___115KV_TB1 80814	36.15 0.02 0.00	38.66 -0.05 0.00	41.60 -0.13 0.00	36.47 -0.16 0.00	36.04 -0.15 0.00	36.36 -0.13 0.00	35.89 -0.05 0.00	36.36 -0.02 0.00	38.22 0.05 0.00	38.47 0.02 0.00	37.85 0.08 0.00	42.04 0.10 0.00	53.10 0.22 0.00	56.25 0.27 0.00	49.66 0.14 0.00	37.91 0.01 0.00	48.99 0.08 0.00	37.45 0.00 0.00	56.89 0.06 0.00	50.31 0.06 0.00	54.14 0.13 0.00	48.20 0.18 0.00	35.45 0.04 0.00	34.25 -0.11 0.00
TRIGEN___CC 323695	38.19 2.05 0.00	41.10 2.38 0.00	44.23 2.50 0.00	38.91 2.28 0.00	38.50 2.31 0.00	38.65 2.16 0.00	38.25 2.31 0.00	38.96 2.58 0.00	40.43 2.26 0.00	43.39 2.37 -2.57	66.68 2.50 -26.41	70.53 2.84 -25.75	73.29 3.60 -16.81	61.73 3.72 -2.02	53.13 3.61 0.00	41.51 2.89 -0.72	52.36 3.29 -0.16	39.85 2.40 0.00	59.67 2.85 0.00	53.09 2.85 0.00	57.38 3.38 0.00	50.81 2.79 0.00	37.78 2.37 0.00	36.92 2.57 0.00

TRINITY__115KV__4 BK 55933	36.94 0.81 0.00	39.74 1.02 0.00	43.02 1.28 0.00	37.76 1.12 0.00	37.34 1.15 0.00	37.55 1.07 0.00	34.37 0.93 2.50	14.29 1.10 23.18	35.98 0.69 2.89	38.59 0.77 0.63	38.47 0.70 0.00	42.70 0.76 0.00	53.79 0.91 0.00	57.02 1.04 0.00	50.33 0.81 0.00	38.54 0.64 0.00	49.53 0.57 -0.05	38.00 0.54 0.00	57.44 0.61 0.00	50.91 0.66 0.00	51.80 0.87 3.08	48.92 0.90 0.00	36.25 0.84 0.00	35.27 0.91 0.00
UNION__PROCESSING_DRP 323587	36.74 0.61 0.00	39.21 0.49 0.00	41.91 0.18 0.00	36.63 0.00 0.00	36.15 -0.04 0.00	36.55 0.07 0.00	36.20 0.26 0.00	36.51 0.13 0.00	38.54 0.37 0.00	38.72 0.27 0.00	38.06 0.29 0.00	42.23 0.29 0.00	53.16 0.28 0.00	56.13 0.15 0.00	49.48 -0.04 0.00	37.76 -0.13 0.00	49.19 0.27 0.00	37.56 0.10 0.00	57.32 0.49 0.00	50.64 0.39 0.00	54.64 0.64 0.00	48.96 0.93 0.00	35.86 0.45 0.00	34.47 0.12 0.00
UPPER HUDSON__HYD 24058	38.52 2.39 0.00	41.30 2.58 0.00	44.49 2.76 0.00	39.04 2.41 0.00	38.59 2.40 0.00	38.82 2.34 0.00	39.92 2.29 -1.69	54.66 2.59 -15.68	42.69 2.56 -1.96	41.36 2.49 -0.42	39.94 2.17 0.00	44.34 2.40 0.00	55.86 2.98 0.00	59.41 3.43 0.00	52.65 3.14 0.00	40.46 2.56 0.00	51.84 2.88 -0.05	39.57 2.12 0.00	60.24 3.42 0.00	53.11 2.86 0.00	59.48 3.39 -2.08	51.34 3.32 0.00	37.92 2.51 0.00	36.74 2.39 0.00
UPPER RAQUET__HYD 24056	36.24 0.10 0.00	38.64 -0.08 0.00	41.46 -0.28 0.00	36.43 -0.20 0.00	35.75 -0.43 0.00	35.92 -0.56 0.00	35.36 -0.58 0.00	35.81 -0.56 0.00	37.69 -0.49 0.00	37.99 -0.46 0.00	37.30 -0.47 0.00	41.31 -0.62 0.00	52.00 -0.88 0.00	55.09 -0.89 0.00	48.85 -0.67 0.00	37.40 -0.49 0.00	48.38 -0.53 0.00	37.02 -0.43 0.00	56.46 -0.37 0.00	49.74 -0.51 0.00	53.72 -0.28 0.00	47.53 -0.49 0.00	34.93 -0.48 0.00	33.78 -0.57 0.00
VALLEY44_115KV_TB2 355964	36.56 0.42 0.00	39.24 0.52 0.00	42.04 0.30 0.00	36.67 0.03 0.00	36.16 -0.03 0.00	36.64 0.16 0.00	36.33 0.39 0.00	36.55 0.17 0.00	38.45 0.28 0.00	38.50 0.05 0.00	37.85 0.08 0.00	42.00 0.06 0.00	53.02 0.14 0.00	55.71 -0.27 0.00	49.07 -0.45 0.00	37.25 -0.65 0.00	48.54 -0.38 0.00	36.92 -0.53 0.00	56.44 -0.38 0.00	49.79 -0.46 0.00	53.94 -0.06 0.00	48.56 0.54 0.00	35.67 0.25 0.00	34.42 0.07 0.00
VALLEY__115KV_TB 1-4 80826	36.30 0.16 0.00	38.95 0.23 0.00	42.13 0.40 0.00	36.97 0.33 0.00	36.54 0.35 0.00	36.82 0.33 0.00	36.18 0.24 0.00	36.79 0.41 0.00	38.34 0.16 0.00	38.67 0.22 0.00	38.08 0.31 0.00	42.31 0.37 0.00	53.43 0.55 0.00	56.63 0.64 0.00	50.06 0.54 0.00	38.21 0.31 0.00	49.37 0.46 0.00	37.58 0.13 0.00	56.80 -0.02 0.00	50.31 0.06 0.00	54.27 0.27 0.00	48.42 0.39 0.00	35.75 0.33 0.00	34.60 0.25 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.58 1.45 0.00	40.28 1.57 0.00	43.56 1.83 0.00	38.21 1.58 0.00	37.77 1.58 0.00	38.08 1.60 0.00	37.41 1.48 0.00	37.95 1.57 0.00	39.80 1.63 0.00	40.11 1.66 0.00	39.41 1.64 0.00	43.82 1.88 0.00	55.25 2.37 0.00	58.46 2.48 0.00	51.64 2.12 0.00	39.48 1.58 0.00	50.95 2.04 0.00	39.05 1.60 0.00	59.20 2.38 0.00	52.41 2.16 0.00	56.34 2.33 0.00	50.13 2.11 0.00	36.97 1.55 0.00	35.83 1.48 0.00
VISCHER__FERRY HYD 24020	37.69 1.55 0.00	40.54 1.82 0.00	43.86 2.12 0.00	38.50 1.86 0.00	38.06 1.87 0.00	38.25 1.77 0.00	42.54 1.72 -4.88	83.63 1.98 -45.27	45.52 1.70 -5.65	41.39 1.71 -1.23	39.40 1.63 0.00	43.69 1.75 0.00	55.00 2.12 0.00	58.28 2.30 0.00	51.55 2.03 0.00	39.52 1.62 0.00	50.76 1.81 -0.05	38.91 1.46 0.00	58.91 2.09 0.00	52.19 1.95 0.00	62.30 2.29 -6.01	50.16 2.14 0.00	37.14 1.73 0.00	36.09 1.74 0.00
V_A_10_SYNC_DSASP 323832	36.10 -0.03 0.00	38.58 -0.14 0.00	41.17 -0.56 0.00	35.95 -0.69 0.00	35.47 -0.72 0.00	35.88 -0.61 0.00	35.54 -0.39 0.00	35.68 -0.71 0.00	37.62 -0.55 0.00	37.70 -0.75 0.00	37.05 -0.72 0.00	41.14 -0.80 0.00	51.81 -1.07 0.00	54.67 -1.31 0.00	48.15 -1.37 0.00	36.65 -1.24 0.00	47.88 -1.04 0.00	36.46 -0.99 0.00	55.74 -1.08 0.00	49.23 -1.02 0.00	53.29 -0.72 0.00	48.01 -0.02 0.00	35.22 -0.20 0.00	33.87 -0.49 0.00
V_CMM_10_SYNC_DSASP 323787	35.87 -0.26 0.00	38.32 -0.40 0.00	41.19 -0.54 0.00	36.19 -0.44 0.00	35.69 -0.49 0.00	36.07 -0.42 0.00	35.55 -0.38 0.00	35.95 -0.43 0.00	37.91 -0.27 0.00	38.21 -0.24 0.00	37.50 -0.28 0.00	41.59 -0.35 0.00	52.43 -0.45 0.00	55.50 -0.48 0.00	49.18 -0.34 0.00	37.65 -0.24 0.00	48.77 -0.15 0.00	37.31 -0.14 0.00	56.82 -0.01 0.00	50.06 -0.19 0.00	53.69 -0.32 0.00	47.58 -0.45 0.00	35.04 -0.37 0.00	34.03 -0.32 0.00
V_CMP_10_SYNC_DSASP 323788	36.81 0.67 0.00	39.39 0.67 0.00	42.13 0.39 0.00	37.08 0.45 0.00	36.55 0.36 0.00	36.97 0.48 0.00	36.57 0.64 0.00	37.22 0.84 0.00	39.11 0.94 0.00	39.43 0.98 0.00	38.81 1.04 0.00	43.03 1.09 0.00	54.29 1.41 0.00	57.09 1.10 0.00	50.64 1.12 0.00	39.03 1.13 0.00	50.49 1.57 0.00	38.73 1.28 0.00	58.87 2.04 0.00	51.85 1.60 0.00	55.68 1.68 0.00	49.36 1.34 0.00	36.33 0.91 0.00	35.22 0.86 0.00
V_E_10_SYNC_DSASP 323830	39.18 3.04 0.00	41.61 2.89 0.00	44.94 3.20 0.00	39.53 2.90 0.00	39.10 2.91 0.00	39.61 3.12 0.00	39.30 3.36 0.00	39.80 3.42 0.00	41.97 3.80 0.00	42.09 3.63 0.00	41.52 3.75 0.00	46.04 4.10 0.00	58.06 5.18 0.00	61.36 5.38 0.00	54.10 4.58 0.00	41.23 3.34 0.00	54.03 5.12 0.00	41.14 3.69 0.00	62.71 5.89 0.00	55.26 5.01 0.00	59.60 5.59 0.00	53.13 5.11 0.00	38.82 3.40 0.00	37.14 2.79 0.00
V_F_30_NSYNC__DSASP 323816	38.42 2.28 0.00	41.23 2.51 0.00	44.54 2.80 0.00	39.08 2.45 0.00	38.61 2.43 0.00	38.86 2.37 0.00	40.36 2.31 -2.11	58.52 2.56 -19.59	43.02 2.41 -2.44	41.39 2.41 -0.53	40.08 2.31 0.00	44.50 2.56 0.00	56.05 3.16 0.00	59.46 3.48 0.00	52.69 3.17 0.00	40.38 2.48 0.00	51.86 2.90 -0.05	39.68 2.23 0.00	60.13 3.30 0.00	53.17 2.92 0.00	59.94 3.34 -2.60	51.10 3.07 0.00	37.78 2.36 0.00	36.65 2.30 0.00
V_F_30_SYNC_DSASP 323786	37.12 0.99 0.00	39.93 1.21 0.00	43.21 1.47 0.00	37.92 1.29 0.00	37.50 1.31 0.00	37.71 1.23 0.00	34.87 1.11 2.17	17.52 1.29 20.15	36.58 0.91 2.51	38.91 1.01 0.55	38.74 0.96 0.00	43.01 1.07 0.00	54.22 1.34 0.00	57.49 1.51 0.00	50.72 1.20 0.00	38.83 0.93 0.00	49.90 0.94 -0.05	38.23 0.78 0.00	57.79 0.96 0.00	51.19 0.94 0.00	52.50 1.17 2.67	49.18 1.15 0.00	36.43 1.01 0.00	35.41 1.06 0.00
V_XM_10_SYNC_DSASP 323789	36.81 0.67 0.00	39.39 0.67 0.00	42.13 0.39 0.00	37.08 0.45 0.00	36.55 0.36 0.00	36.97 0.48 0.00	36.57 0.64 0.00	37.22 0.84 0.00	39.11 0.94 0.00	39.43 0.98 0.00	38.81 1.04 0.00	43.03 1.09 0.00	54.29 1.41 0.00	57.09 1.10 0.00	50.64 1.12 0.00	39.03 1.13 0.00	50.49 1.57 0.00	38.73 1.28 0.00	58.87 2.04 0.00	51.85 1.60 0.00	55.68 1.68 0.00	49.36 1.34 0.00	36.33 0.91 0.00	35.22 0.86 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.69 1.55 0.00	40.51 1.79 0.00	43.51 1.78 0.00	38.18 1.54 0.00	37.80 1.62 0.00	38.03 1.55 0.00	37.63 1.70 0.00	38.29 1.91 0.00	39.85 1.67 0.00	40.15 1.70 0.00	39.64 1.87 0.00	44.15 2.21 0.00	55.74 2.86 0.00	59.16 3.18 0.00	52.58 3.06 0.00	40.31 2.41 0.00	51.49 2.75 0.17	39.45 2.00 0.00	59.38 2.55 0.00	52.56 2.31 0.00	56.56 2.56 0.00	50.19 2.17 0.00	37.22 1.80 0.00	36.30 1.95 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.76 1.63 0.00	40.67 1.95 0.00	43.64 1.91 0.00	38.37 1.74 0.00	38.03 1.84 0.00	38.25 1.76 0.00	37.89 1.96 0.00	38.56 2.18 0.00	40.06 1.88 0.00	40.37 1.92 0.00	39.82 2.04 0.00	44.34 2.41 0.00	55.96 3.08 0.00	59.38 3.40 0.00	52.73 3.22 0.00	40.46 2.56 0.00	52.00 2.93 -0.16	39.58 2.13 0.00	59.50 2.67 0.00	52.64 2.40 0.00	56.63 2.63 0.00	50.23 2.20 0.00	37.30 1.88 0.00	36.40 2.05 0.00
W50THST__13_KV_LOAD 356117	37.96 1.83 0.00	40.87 2.15 0.00	43.83 2.10 0.00	38.54 1.90 0.00	38.21 2.02 0.00	38.44 1.95 0.00	38.11 2.18 0.00	38.82 2.44 0.00	40.33 2.16 0.00	40.69 2.24 0.00	40.15 2.37 0.00	44.71 2.77 0.00	56.44 3.56 0.00	59.89 3.91 0.00	53.19 3.67 0.00	40.79 2.89 0.00	52.43 3.35 -0.16	39.87 2.42 0.00	59.89 3.07 0.00	52.96 2.72 0.00	56.94 2.94 0.00	50.48 2.45 0.00	37.49 2.07 0.00	36.58 2.23 0.00
WADING RIVER_IC_1 23522	38.41 2.28 0.00	41.41 2.69 0.00	45.01 3.28 0.00	39.91 3.27 0.00	39.43 3.24 0.00	39.34 2.85 0.00	39.14 3.21 0.00	39.88 3.50 0.00	41.03 2.86 0.00	44.10 3.08 -2.57	67.87 3.68 -26.42	121.89 4.29 -75.67	140.16 5.15 -82.13	62.30 4.29 -2.03	89.86 4.34 -36.00	67.29 3.55 -25.84	84.62 4.03 -31.68	75.77 2.93 -35.40	80.46 3.55 -20.09	77.87 3.81 -23.82	154.09 5.08 -95.01	54.34 4.24 -2.07	39.20 3.45 -0.33	38.35 3.64 -0.36
WADING RIVER_IC_2 23547	38.41 2.28 0.00	41.41 2.69 0.00	45.01 3.28 0.00	39.91 3.27 0.00	39.43 3.24 0.00	39.34 2.85 0.00	39.14 3.21 0.00	39.88 3.50 0.00	41.03 2.86 0.00	44.10 3.08 -2.57	67.87 3.68 -26.42	121.89 4.29 -75.67	140.16 5.15 -82.13	62.30 4.29 -2.03	89.86 4.34 -36.00	67.29 3.55 -25.84	84.62 4.03 -31.68	75.77 2.93 -35.40	80.46 3.55 -20.09	77.87 3.81 -23.82	154.09 5.08 -95.01	54.34 4.24 -2.07	39.20 3.45 -0.33	38.35 3.64 -0.36
WADING RIVER_IC_3 23601	38.41 2.28 0.00	41.41 2.69 0.00	45.01 3.28 0.00	39.91 3.27 0.00	39.43 3.24 0.00	39.34 2.85 0.00	39.14 3.21 0.00	39.88 3.50 0.00	41.03 2.86 0.00	44.10 3.08 -2.57	67.87 3.68 -26.42	121.89 4.29 -75.67	140.16 5.15 -82.13	62.30 4.29 -2.03	89.86 4.34 -36.00	67.29 3.55 -25.84	84.62 4.03 -31.68	75.77 2.93 -35.40	80.46 3.55 -20.09	77.87 3.81 -23.82	154.09 5.08 -95.01	54.34 4.24 -2.07	39.20 3.45 -0.33	38.35 3.64 -0.36
WALDENNY_I2_KV_BK2 80841	36.93 0.79 0.00	39.39 0.67 0.00	41.96 0.23 0.00	36.63 -0.01 0.00	36.14 -0.05 0.00	36.61 0.12 0.00	36.30 0.36 0.00	36.40 0.02 0.00	38.43 0.25 0.00	38.48 0.03 0.00	37.88 0.11 0.00	42.08 0.14 0.00	53.07 0.19 0.00	56.00 0.02 0.00	49.37 -0.15 0.00	37.52 -0.37 0.00	49.11 0.20 0.00	37.25 -0.20 0.00	57.04 0.21 0.00	50.34 0.09 0.00	54.53 0.52 0.00	49.21 1.18 0.00	36.07 0.65 0.00	34.55 0.20 0.00
WALDEN___HYDRO 24148	37.96 1.82 0.00	40.74 2.02 0.00	43.80 2.07 0.00	38.43 1.79 0.00	38.03 1.84 0.00	38.25 1.76 0.00	37.78 1.85 0.00	38.53 2.15 0.00	40.22 2.04 0.00	40.51 2.06 0.00	39.92 2.15 0.00	44.43 2.49 0.00	56.12 3.24 0.00	59.65 3.67 0.00	52.83 3.31 0.00	40.49 2.59 0.00	51.93 3.06 0.04	39.66 2.22 0.00	59.93 3.11 0.00	53.08 2.83 0.00	57.15 3.14 0.00	50.73 2.70 0.00	37.53 2.11 0.00	36.51 2.16 0.00
WARRENSBURG____ 23737	38.52 2.39 0.00	41.30 2.58 0.00	44.49 2.76 0.00	39.04 2.41 0.00	38.59 2.40 0.00	38.82 2.34 0.00	39.92 2.29 -1.69	54.66 2.59 -15.68	42.69 2.56 -1.96	41.36 2.49 -0.42	39.94 2.17 0.00	44.34 2.40 0.00	55.86 2.98 0.00	59.41 3.43 0.00	52.65 3.14 0.00	40.46 2.56 0.00	51.84 2.88 -0.05	39.57 2.12 0.00	60.24 3.42 0.00	53.11 2.86 0.00	59.48 3.39 -2.08	51.34 3.32 0.00	37.92 2.51 0.00	36.74 2.39 0.00
WATERSIDE___6 8 9 23538	37.66 1.53 0.00	40.66 1.95 0.00	43.56 1.83 0.00	38.35 1.71 0.00	38.03 1.85 0.00	38.24 1.76 0.00	37.88 1.94 0.00	38.49 2.11 0.00	39.92 1.74 0.00	40.15 1.70 0.00	39.61 1.84 0.00	44.13 2.19 0.00	55.69 2.81 0.00	59.09 3.11 0.00	43.00 2.95 9.47	40.23 2.33 0.00	51.70 2.63 -0.16	39.38 1.93 0.00	57.89 2.34 1.28	47.12 2.16 5.28	45.82 2.35 10.54	36.75 1.93 13.20	31.78 1.67 5.31	36.25 1.90 0.00
WATKINRD_115KV_LN8_ILLION 55919	36.25 0.11 0.00	38.88 0.16 0.00	42.01 0.28 0.00	36.87 0.24 0.00	36.45 0.25 0.00	36.72 0.24 0.00	36.10 0.16 0.00	36.67 0.29 0.00	38.27 0.10 0.00	38.59 0.14 0.00	37.92 0.14 0.00	42.12 0.17 0.00	53.14 0.26 0.00	56.31 0.32 0.00	49.82 0.30 0.00	38.09 0.19 0.00	49.18 0.27 0.00	37.54 0.08 0.00	56.81 -0.02 0.00	50.30 0.05 0.00	54.20 0.20 0.00	48.32 0.30 0.00	35.65 0.23 0.00	34.55 0.20 0.00
WATSON___69_KV_BK 1 55734	39.25 3.12 0.00	42.18 3.46 0.00	45.51 3.78 0.00	40.11 3.47 0.00	39.64 3.46 0.00	39.72 3.23 0.00	39.43 3.50 0.00	40.30 3.92 0.00	41.81 3.63 0.00	44.88 3.86 -2.57	68.26 4.07 -26.42	107.32 4.55 -60.83	124.97 5.65 -66.44	63.59 5.59 -2.02	73.43 5.23 -18.68	55.45 4.12 -13.43	70.31 4.87 -16.52	59.37 3.55 -18.37	71.53 4.44 -10.26	66.83 4.47 -12.11	107.11 5.54 -47.57	53.79 4.73 -1.04	39.41 3.83 -0.17	38.44 3.91 -0.18
WDELAWARE___HYD 323627	37.30 1.16 0.00	39.94 1.23 0.00	42.92 1.19 0.00	37.63 1.00 0.00	37.23 1.03 0.00	37.46 0.98 0.00	36.99 1.05 0.00	37.80 1.42 0.00	40.30 2.12 0.00	40.63 2.18 0.00	40.33 2.56 0.00	44.98 3.05 0.00	56.78 3.90 0.00	58.90 2.91 0.00	52.33 2.81 0.00	40.10 2.20 0.00	51.39 2.51 0.03	39.26 1.81 0.00	59.30 2.48 0.00	52.55 2.30 0.00	56.72 2.71 0.00	51.71 3.68 0.00	37.72 2.30 0.00	36.65 2.30 0.00
WEST BABYLON___IC 23714	39.07 2.93 0.00	41.97 3.25 0.00	45.23 3.50 0.00	39.84 3.21 0.00	39.39 3.20 0.00	39.50 3.01 0.00	39.16 3.23 0.00	40.00 3.62 0.00	41.56 3.38 0.00	44.57 3.55 -2.57	67.88 3.70 -26.41	83.03 4.14 -36.95	91.23 5.15 -33.20	63.16 5.15 -2.02	58.49 4.85 -4.12	45.42 3.81 -3.71	57.19 4.50 -3.77	44.76 3.25 -4.05	63.18 4.00 -2.35	57.10 4.05 -2.81	70.46 5.00 -11.45	52.61 4.34 -0.25	38.97 3.51 -0.04	38.02 3.63 -0.04
WEST CANADA___HYD 24049	36.17 0.03 0.00	38.76 0.04 0.00	41.81 0.07 0.00	36.71 0.07 0.00	36.26 0.07 0.00	36.56 0.07 0.00	35.98 0.04 0.00	36.45 0.07 0.00	38.21 0.04 0.00	38.49 0.04 0.00	37.82 0.04 0.00	42.00 0.07 0.00	52.93 0.05 0.00	56.06 0.07 0.00	49.57 0.05 0.00	37.95 0.05 0.00	48.95 0.04 0.00	37.48 0.03 0.00	56.84 0.01 0.00	50.29 0.05 0.00	54.06 0.06 0.00	48.12 0.09 0.00	35.49 0.07 0.00	34.42 0.06 0.00

WESTERN_NY_WIND 24143	37.41 1.28 0.00	39.87 1.15 0.00	42.48 0.75 0.00	37.08 0.44 0.00	36.59 0.41 0.00	37.07 0.58 0.00	36.75 0.82 0.00	36.90 0.52 0.00	39.04 0.87 0.00	39.15 0.70 0.00	38.57 0.80 0.00	42.76 0.83 0.00	53.70 0.81 0.00	56.50 0.52 0.00	49.74 0.22 0.00	37.88 -0.02 0.00	49.48 0.56 0.00	37.61 0.16 0.00	57.67 0.85 0.00	51.06 0.81 0.00	55.30 1.30 0.00	49.88 1.85 0.00	36.57 1.15 0.00	35.05 0.70 0.00
WESTOVER___LESR 323668	36.65 0.51 0.00	39.26 0.54 0.00	42.28 0.54 0.00	37.05 0.42 0.00	36.63 0.44 0.00	37.01 0.53 0.00	36.52 0.58 0.00	36.98 0.60 0.00	38.85 0.67 0.00	39.04 0.59 0.00	38.44 0.67 0.00	42.67 0.73 0.00	53.90 1.02 0.00	57.03 1.04 0.00	50.41 0.89 0.00	38.47 0.57 0.00	49.77 0.86 0.00	37.96 0.51 0.00	57.69 0.87 0.00	50.96 0.71 0.00	54.91 0.90 0.00	48.99 0.97 0.00	36.09 0.67 0.00	34.83 0.48 0.00
WETHRSFD_WT_PWR 323626	36.72 0.58 0.00	39.16 0.45 0.00	41.75 0.01 0.00	36.54 -0.09 0.00	36.07 -0.12 0.00	36.55 0.06 0.00	36.19 0.25 0.00	36.39 0.01 0.00	38.41 0.23 0.00	38.45 0.00 0.00	37.82 0.04 0.00	41.97 0.03 0.00	52.89 0.01 0.00	55.71 -0.28 0.00	49.14 -0.38 0.00	37.31 -0.59 0.00	48.69 -0.22 0.00	37.04 -0.41 0.00	56.69 -0.13 0.00	50.12 -0.12 0.00	54.33 0.32 0.00	48.94 0.91 0.00	35.88 0.47 0.00	34.42 0.06 0.00
WHAVSTOR_138KV_BK127 55557	37.47 1.33 0.00	40.30 1.59 0.00	43.29 1.55 0.00	37.99 1.36 0.00	37.62 1.43 0.00	37.85 1.36 0.00	37.44 1.50 0.00	38.09 1.70 0.00	39.62 1.45 0.00	39.92 1.46 0.00	39.38 1.61 0.00	43.86 1.92 0.00	55.34 2.46 0.00	58.74 2.75 0.00	52.19 2.67 0.00	40.00 2.10 0.00	51.09 2.36 0.18	39.16 1.71 0.00	58.95 2.13 0.00	52.20 1.95 0.00	56.17 2.17 0.00	49.85 1.83 0.00	36.98 1.56 0.00	36.10 1.75 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.47 1.33 0.00	40.30 1.59 0.00	43.29 1.55 0.00	37.99 1.36 0.00	37.62 1.43 0.00	37.85 1.36 0.00	37.44 1.50 0.00	38.09 1.70 0.00	39.62 1.45 0.00	39.92 1.46 0.00	39.38 1.61 0.00	43.86 1.92 0.00	55.34 2.46 0.00	58.74 2.75 0.00	52.19 2.67 0.00	40.00 2.10 0.00	51.09 2.36 0.18	39.16 1.71 0.00	58.95 2.13 0.00	52.20 1.95 0.00	56.17 2.17 0.00	49.85 1.83 0.00	36.98 1.56 0.00	36.10 1.75 0.00
WHITEHAL_115KV_TB1 80871	39.84 3.71 0.00	42.72 4.01 0.00	45.69 3.96 0.00	40.17 3.53 0.00	39.73 3.54 0.00	39.92 3.43 0.00	41.44 3.64 -1.87	57.64 3.96 -17.30	44.20 3.87 -2.16	42.60 3.67 -0.47	41.21 3.44 0.00	45.56 3.62 0.00	57.24 4.35 0.00	61.05 5.07 0.00	54.11 4.59 0.00	42.18 4.29 0.00	53.97 5.02 -0.05	41.31 3.86 0.00	62.87 6.04 0.00	54.97 4.72 0.00	61.82 5.52 -2.30	53.10 5.08 0.00	39.37 3.95 0.00	38.16 3.80 0.00
WHITEPLN_13_KV_LOAD 356215	38.02 1.88 0.00	40.89 2.18 0.00	43.92 2.18 0.00	38.58 1.94 0.00	38.21 2.02 0.00	38.43 1.94 0.00	38.03 2.09 0.00	38.72 2.34 0.00	40.28 2.10 0.00	40.57 2.12 0.00	40.20 2.43 0.00	44.77 2.83 0.00	56.59 3.70 0.00	60.10 4.11 0.00	53.37 3.85 0.00	40.95 3.05 0.00	52.70 3.62 -0.17	39.85 2.40 0.00	59.90 3.07 0.00	53.00 2.75 0.00	57.03 3.02 0.00	50.60 2.58 0.00	37.52 2.11 0.00	36.57 2.22 0.00
WM_FLOYD_69_KV_BK2 356380	38.72 2.58 0.00	41.67 2.96 0.00	45.19 3.45 0.00	39.96 3.32 0.00	39.48 3.29 0.00	39.42 2.93 0.00	39.19 3.25 0.00	39.99 3.60 0.00	41.29 3.12 0.00	44.36 3.34 -2.57	67.96 3.77 -26.42	122.69 4.26 -76.48	141.24 5.16 -83.20	62.77 4.76 -2.03	92.23 4.64 -38.07	68.20 3.77 -26.53	86.79 4.39 -33.49	78.06 3.18 -37.43	81.62 3.93 -20.86	78.93 4.09 -24.59	155.74 5.22 -96.51	54.52 4.39 -2.11	39.33 3.58 -0.33	38.42 3.71 -0.36
WOODARD___115KV_TB2 355635	35.85 -0.29 0.00	38.36 -0.36 0.00	41.26 -0.48 0.00	36.18 -0.46 0.00	35.74 -0.44 0.00	36.06 -0.43 0.00	35.59 -0.35 0.00	36.04 -0.34 0.00	37.87 -0.30 0.00	38.14 -0.31 0.00	37.52 -0.25 0.00	41.67 -0.27 0.00	52.62 -0.26 0.00	55.74 -0.25 0.00	49.21 -0.32 0.00	37.56 -0.34 0.00	48.55 -0.36 0.00	37.11 -0.34 0.00	56.37 -0.45 0.00	49.85 -0.39 0.00	53.65 -0.35 0.00	47.75 -0.27 0.00	35.14 -0.28 0.00	33.95 -0.40 0.00
YORK___WARBASSE 23770	37.88 1.75 0.00	40.89 2.17 0.00	43.70 1.97 0.00	38.52 1.89 0.00	38.21 2.02 0.00	38.42 1.94 0.00	38.06 2.13 0.00	38.65 2.27 0.00	40.10 1.92 0.00	40.34 1.88 0.00	39.82 2.05 0.00	44.38 2.44 0.00	56.04 3.15 0.00	59.48 3.49 0.00	145.57 3.29 -92.76	40.45 2.55 -0.01	52.00 2.92 -0.17	39.59 2.13 0.00	90.13 2.65 -30.65	228.27 2.44 -175.58	68.92 2.62 -12.29	65.60 2.18 -15.39	101.82 1.88 -64.53	36.47 2.11 -0.01