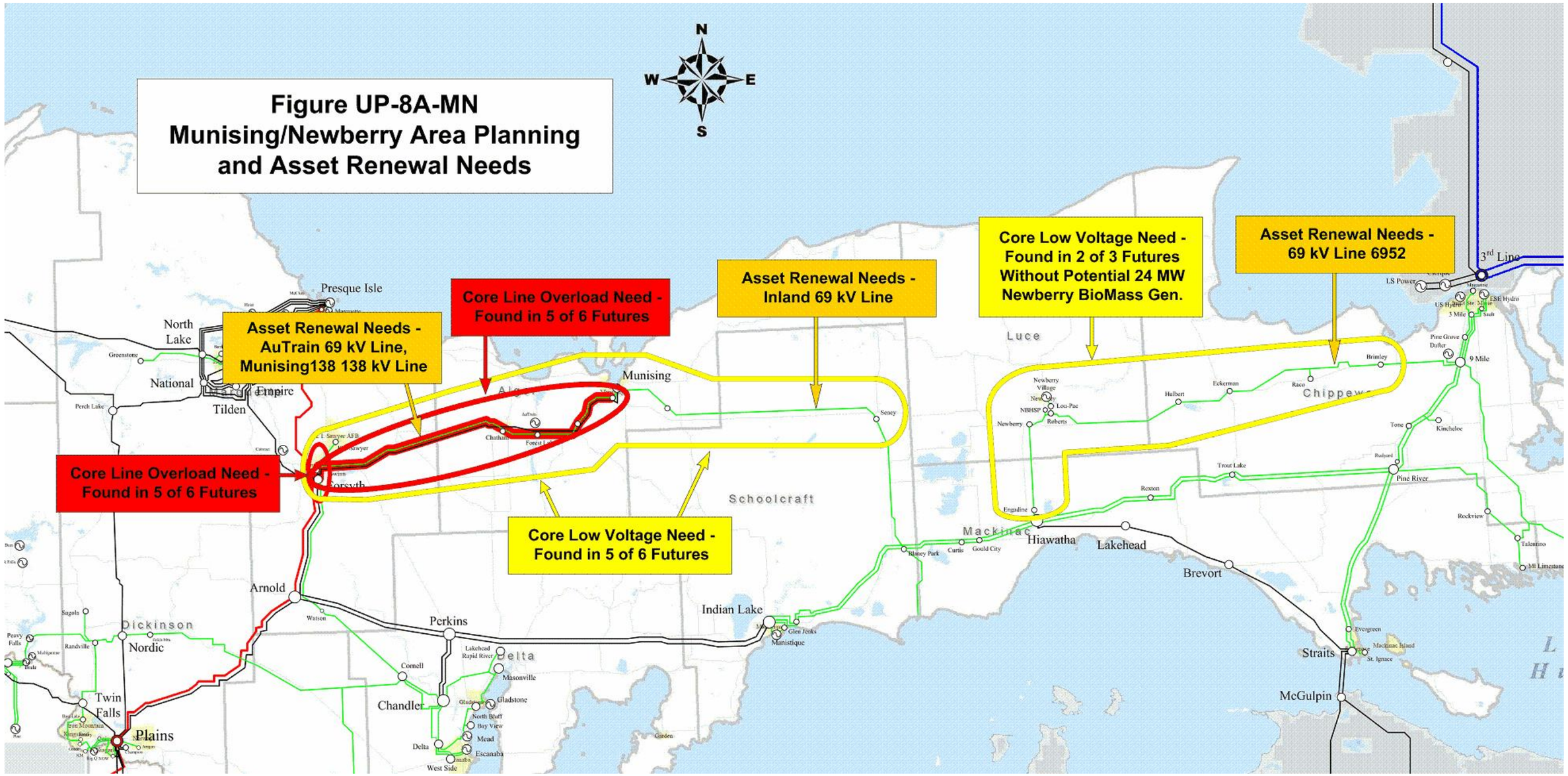
Figure UP-8A-MN
Munising/Newberry Area Planning
and Asset Renewal Needs
N
W
E
S
Asset Renewal Needs - AuTrain 69 kV Line, Munising138 138 kV Line
Core Line Overload Need - Found in 5 of 6 Futures
Asset Renewal Needs - Inland 69 kV Line
Core Low Voltage Need - Found in 2 of 3 Futures Without Potential 24 MW Newberry BioMass Gen.
Asset Renewal Needs - 69 kV Line 6952
Core Line Overload Need - Found in 5 of 6 Futures
Core Low Voltage Need - Found in 5 of 6 Futures
Presque Isle
North Lake
National
Empire
Tilden
Munising
Luce
Chippewa
Schoolcraft
Mackinac
Arnold
Perkins
Indian Lake
Hiawatha
Lakehead
Brevort
Straits
McGulpin
Dickinson
Nordic
Twin Falls
Plains
Chandler
Delta
Cornell
Masonville
Gladstone
Escanaba
Manistique
Newberry
Pine River
3rd Line

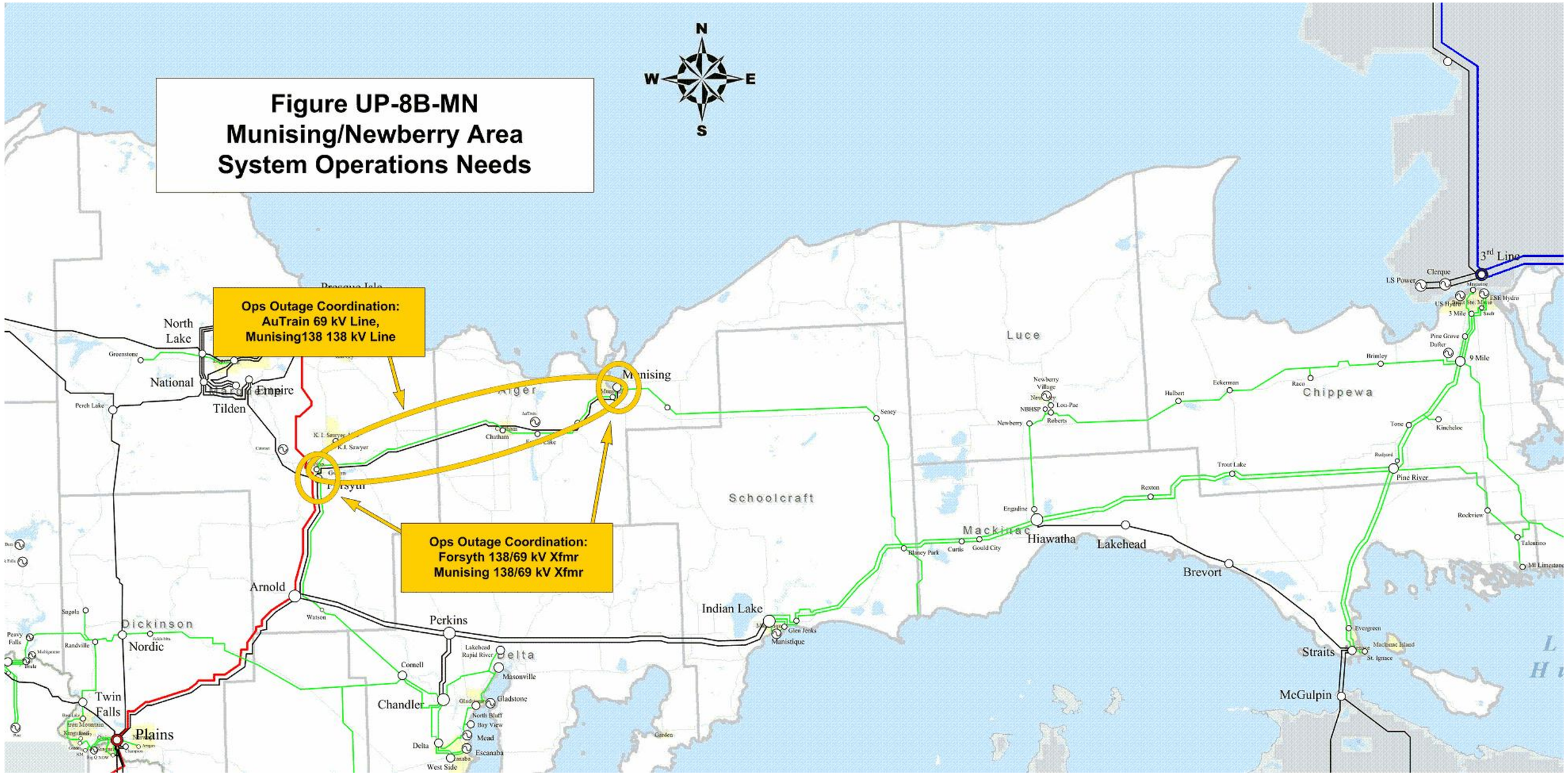
Figure UP-8B-MN
Munising/Newberry Area
System Operations Needs
N
W
E
S
Ops Outage Coordination:
AuTrain 69 kV Line,
Munising138 138 kV Line
Ops Outage Coordination:
Forsyth 138/69 kV Xfmr
Munising 138/69 kV Xfmr
North Lake
National
Empire
Tilden
Munising
Forsyth
Arnold
Perkins
Chandler
Delta
Dickinson
Nordic
Twin Falls
Plains
Indian Lake
Manistique
Schoolcraft
Luce
Chippewa
Mackinac
Hiawatha
Lakehead
Brevort
Straits
McGulpin
Pine River
3rd Line
Clerque
LS Power
9 Mile
Brimley
Raco
Eckerman
Hulbert
Newberry
Seney
Engadine
Rexton
Trout Lake
Kincheloe
Tone
Rockview
Talentino
Evergreen
Macinac Island
St. Ignace
Glen Jenks
Blaney Park
Curtis
Gould City
Cornell
Masonville
Gladstone
North Bluff
Bay View
Mead
Escanaba
West Side
Lakehead
Rapid River
Watson
Sagola
Randville
Peavy Falls
Perch Lake
Greenstone
Chatham
K.I. Sawyer
Garden