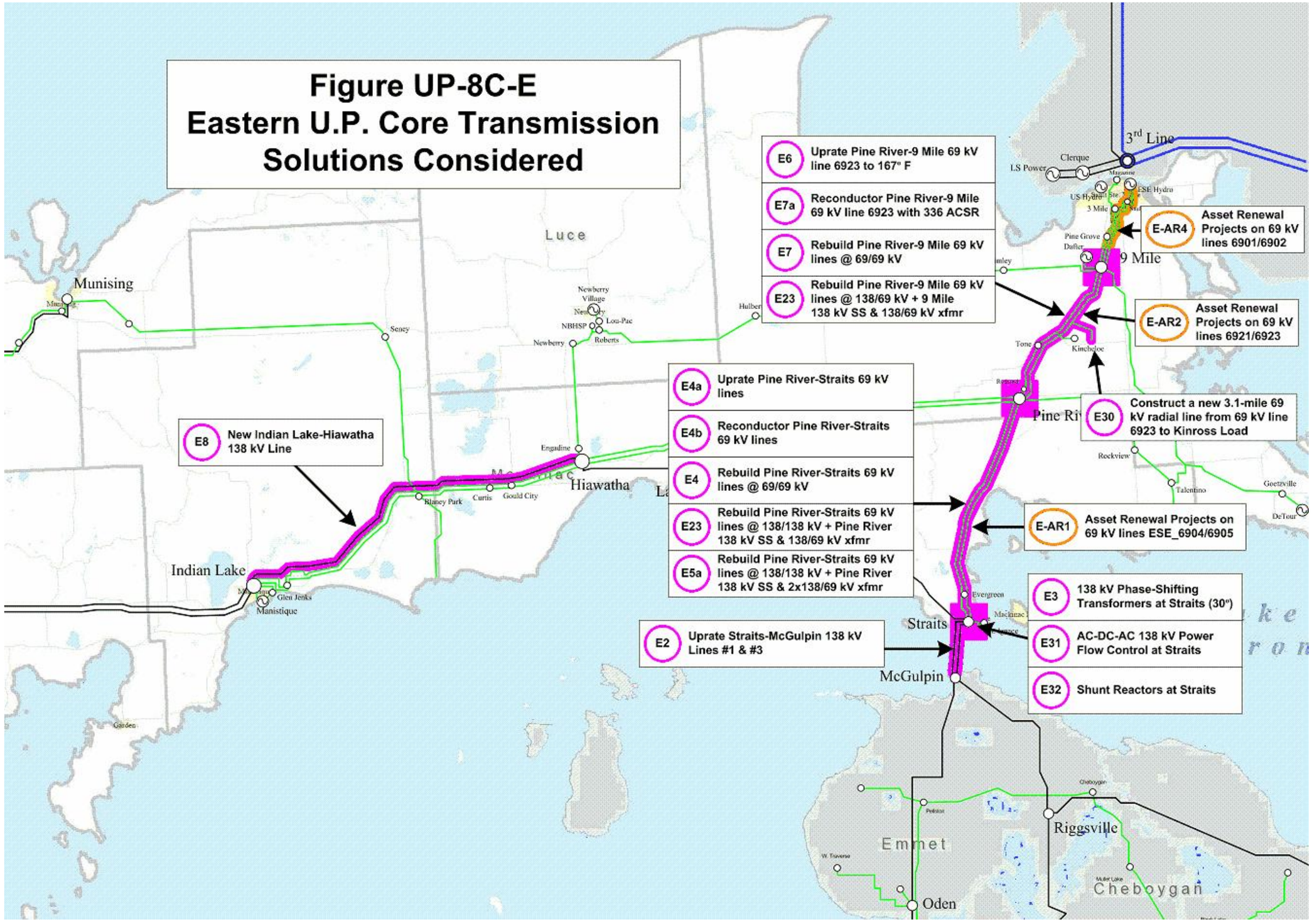
Figure UP-8C-E
Eastern U.P. Core Transmission
Solutions Considered
E6 Uprate Pine River-9 Mile 69 kV line 6923 to 167" F
E7a Reconductor Pine River-9 Mile 69 kV line 6923 with 336 ACSR
E7 Rebuild Pine River-9 Mile 69 kV lines @ 69/69 kV
E23 Rebuild Pine River-9 Mile 69 kV lines @ 138/69 kV + 9 Mile 138 kV SS & 138/69 kV xfmr
E-AR4 Asset Renewal Projects on 69 kV lines 6901/6902
E-AR2 Asset Renewal Projects on 69 kV lines 6921/6923
E30 Construct a new 3.1-mile 69 kV radial line from 69 kV line 6923 to Kinross Load
E4a Uprate Pine River-Straits 69 kV lines
E4b Reconductor Pine River-Straits 69 kV lines
E4 Rebuild Pine River-Straits 69 kV lines @ 69/69 kV
E23 Rebuild Pine River-Straits 69 kV lines @ 138/138 kV + Pine River 138 kV SS & 138/69 kV xfmr
E5a Rebuild Pine River-Straits 69 kV lines @ 138/138 kV + Pine River 138 kV SS & 2x138/69 kV xfmr
E8 New Indian Lake-Hiawatha 138 kV Line
E-AR1 Asset Renewal Projects on 69 kV lines ESE_6904/6905
E3 138 kV Phase-Shifting Transformers at Straits (30")
E31 AC-DC-AC 138 kV Power Flow Control at Straits
E32 Shunt Reactors at Straits
E2 Uprate Straits-McGulpin 138 kV Lines #1 & #3
Munising
Luce
Newberry
Hiawatha
Indian Lake
Manistique
Glen Jenks
Engadine
Curtis
Gould City
Blaney Park
Seney
Hulbert
Roberts
Lou-Pac
NBHSP
Clerque
LS Power
3rd Line
ESE Hydro
US Hydro
3 Mile
Pine Grove
Daffer
9 Mile
Tone
Kincheloe
Pine Ri
Rexview
Talentino
Goetzville
DeTour
Evergreen
Straits
McGulpin
Garden
Emmet
Oden
Cheboygan
Riggsville