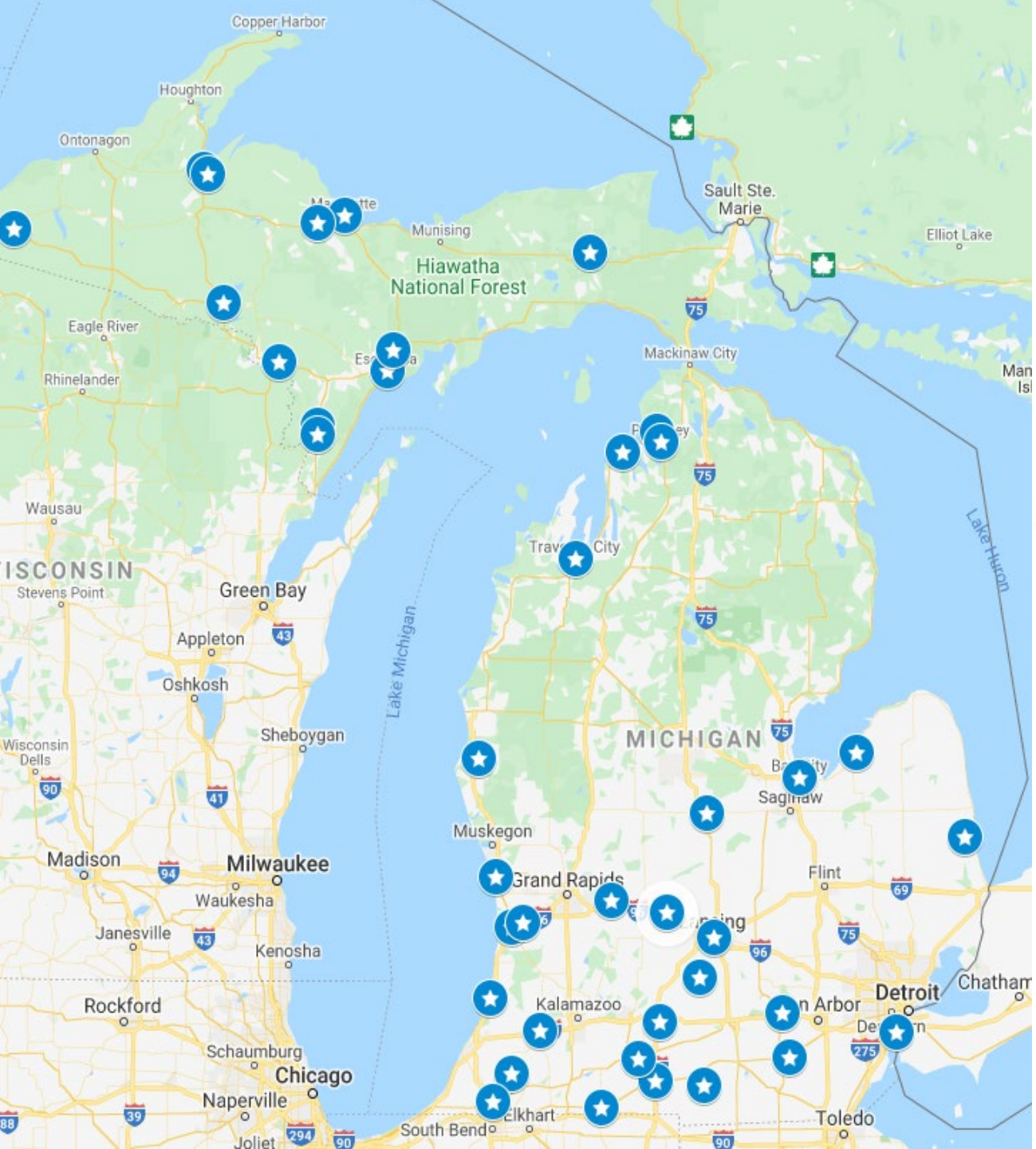
Cybersecurity

Who is the Michigan Municipal Electric Association (MMEA)?

- Trade group for Michigan's 40 municipally owned electric utilities
- Approx. 2GW or 10% of load
- Diverse in customer size:

  Daggett < 200

  Lansing Board of Water & Light ≈ 100,000
- Total over 300,000 customers
- Non-profit, community owned & operated
- Regulated locally, not MPSC



L'Anse village by the bay

ZEELAND Board of Public Works

CITY OF PETOSKEY MICHIGAN

BOARD OF LIGHT & POWER GRAND HAVEN

CITY OF PORTLAND, MICHIGAN CITY OF TWO RIVERS

BOARD OF LIGHT & POWER MARQUETTE

Lowell Light & Power

CITY OF ST. LOUIS MIDDLE OF THE MITTEN

BPW

Holland Board of Public Works

VILLAGE OF NEWBERRY MOOSE CAPITAL OF MICHIGAN

LANSING BWL Hometown People. Hometown Power.

CITY OF STURGIS 1896

CITY OF CHARLEVOIX

THE CITY OF NORWAY

CITY OF Marshall Michigan

CBPU Coldwater Board of Public Utilities

HART

VILLAGE OF PAW PAW PAW PAW Established 1859

EST. 1912

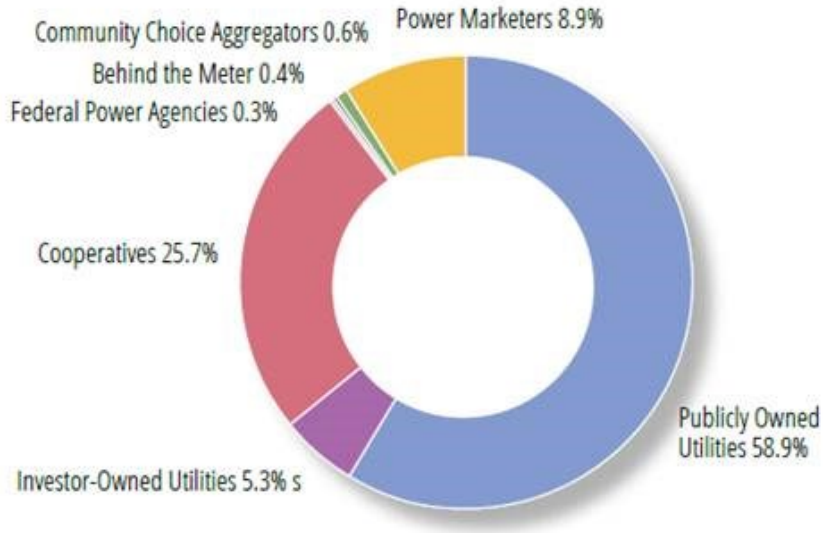
TRAVERSE CITY LIGHT & POWER

BOARD OF LIGHT & POWER MARQUETTE

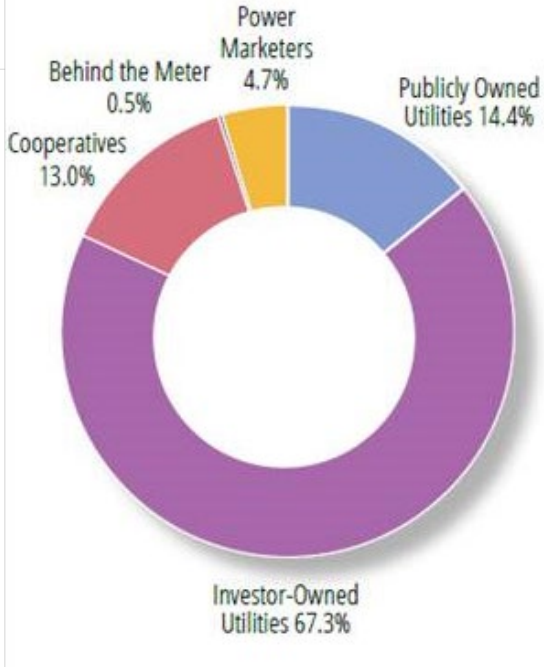
Public Power – United States

- Approximately 2,000 Public Power Entities in the United States
- Represent roughly 60% of Electric Utilities and 15% of the customers in United States
- Majority are Members of roughly 80 Power Supply consortiums (largely Joint Action)

U.S. Utilities



U.S. Customers



Ddos-attack
BOOM
PC
Password
Hacking
Protection
Phishing
PC
Virus Attack
PETYA A

Cybersecurity in Michigan

MICHIGAN MUNICIPAL
ELECTRIC ASSOCIATION
MMEA

MICHIGAN MUNICIPAL
MMEA
ELECTRIC ASSOCIATION

ZEELAND
Board of Public Works

ZEELAND
Board of Public Works

BitLyft
CYBERSECURITY

BitLyft
CYBERSECURITY
BitLyft
CYBERSECURITY
MICHIGAN MUNICIPAL ELECTRIC ASSOCIATION
MMEA
BitLyft
CYBERSECURITY

BitLyft
CYBERSECURITY

CBPU
Coldwater Board of Public Utilities

ZEELAND
Board of Public Works

EST. 1912
TRAVERSE CITY
LIGHT & POWER

PARTNERSHIP BENEFITS

MMEA's Municipal Members can receive an exponential risk reduction of their cybersecurity exposure by implementing these packaged services and tools offered by BitLyft. This offering is developed with existing MMEA Members in mind to provide maximum value and protection to our state's energy municipalities.

- No RFP Burden for Municipalities
- Reduced Costs to Members
- Program Tailored to MMEA
- Protection Through Our Central Threat Intelligence (CTI)
- Reduces Exposure and Vulnerability to Members & MMEA
- Enterprise-grade Tools and Team in One Deliverable Package

BitLyft CYBERSECURITY

WHAT'S ALL INCLUDED

Here's a list of key cybersecurity pillars included in our offering that are typically all separate items to purchase, manage, implement, and update, but are one platform with BitLyft.

- Threat Detection (Managed Security Information Event Management)
- Threat Remediation (Security Operations Center)
- Automated Remediation (Security Orchestrated Automated Responses)
- Threat Intelligence (Central Threat Intelligence)
- Single Sign On
- Password Management
- Endpoint Protection
- Anti-Phishing
- Compliance Mapping
- Compliance Reporting

BitLyft CYBERSECURITY

SCALABLE PRICING

Pricing is scalable by users and municipalities and comes with a tiered discount when reaching above 5 total MMEA Members who additionally sign up through this MMEA partnership. A fixed base fee will cover the infrastructure of a municipality with the price per user based on individual size and need.

MMEA Scenario (1 - 5 MMEA Members) - Annual Fee				
Annual Base	**Example User #**	**Price / User / Month**	**Annual User Cost**	**Total**
$22,500	40	$32	$15,360	$37,860

MMEA Scenario (6+ MMEA Members) - Annual Fee					
Base	**Example User #**	**Price / User / Month**	**Annual User Cost**	**Total**	**Annual Savings**
$22,500	40	$26	$12,480	$34,980	$2,880

BitLyft

CYBERSECURITY

What else are we doing?

Does your municipality have **one million dollars**? That's the very low end of the ***average*** cost to remediate a cybersecurity attack.

MMEA is partnering with the federal **Cybersecurity & Infrastructure Security Agency (CISA)** for a FREE virtual training on September 16th from 1:30pm – 3:00pm EST.

Cybersecurity in Michigan

Hear from the State Police, CISA, and our own municipal members as they share their experiences involving cybercrime affecting Michigan's utilities, and hear recommendations about developing your utility's cyber defenses.

Participants: Kelley Goldblatt, CISA; D/Sgt. Dan Cook, MI State Police Cyber Command Center; Andy Boatright, Zeeland; Jeff Budd, Coldwater; Tom Carpenter, Marquette.