Welcome!

Mass Energy Insight – Training Session1:

Understanding & Setting Up Mass Energy Insight (MEI)

MassEnergyInsight
● ● ● ● POWERING EFFICIENCY
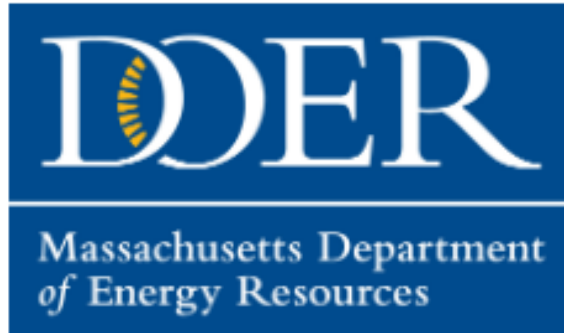
Introductions

Presenters:

- Mary Kraus – Clean Energy Extension (CEE)
- Dugan Becker – CEE

Additional Facilitators / Resource People:

- John Snell – Consulting Facilitator
- Joanne Bissetta – Department of Energy Resources (DOER)
- Chelsea Kehne – DOER
- Gamaliel Lodge – Optimiser
- Devon Lukas – CEE

Who We Are

What you will learn:

- How MEI / Mass Energy Insight works
- How to create an organizational structure for your town/city
- How to set up facilities
- How to set up accounts
- Getting familiar with a structure that is already set up

Context and Goals for MEI

- Reduce greenhouse gas emissions in Massachusetts.

- Provide a tool to measure progress in emissions/energy reduction.

- Meet your Green Communities goals – Criterion #3, 20% reduction.

Annual Report Table 2 (MMBTU) Fiscal Year (July 1 start) 2015 Baseline
Please make sure that any data submitted to DOER contains complete Data!
The data in this table reflects the data in the Baseline. Buildings marked in MassEnergyInisight as "Exclude from Baseline" are not included in this dashboard. Please set the baseline year filter on the right to your baseline year and create a custom view so that this report always shows the correct data.

		2015	2016	2017	2018	2019
Building	Use (MMBTU)	42,147	36,343	44,955	41,328	47,295
	% Difference in MMBTU % diff..	0.00%	-13.77%	6.66%	-1.94%	12.21%
Open Space	Use (MMBTU)	21	227	227	227	227
	% Difference in MMBTU % diff..	0.00%	970.40%	970.40%	970.40%	970.40%
Street/Traffic Lights	Use (MMBTU)	2,213	2,174	2,171	2,193	2,169
	% Difference in MMBTU % diff..	0.00%	-1.75%	-1.90%	-0.88%	-2.00%
Vehicle	Use (MMBTU)	8,829	7,350	7,015	6,751	6,595
	% Difference in MMBTU % diff..	0.00%	-16.75%	-20.55%	-23.54%	-25.31%

Benefits of MEI

Learn:

- **Energy use, building performance**
- **Greenhouse gas emissions**

Monitor and share:

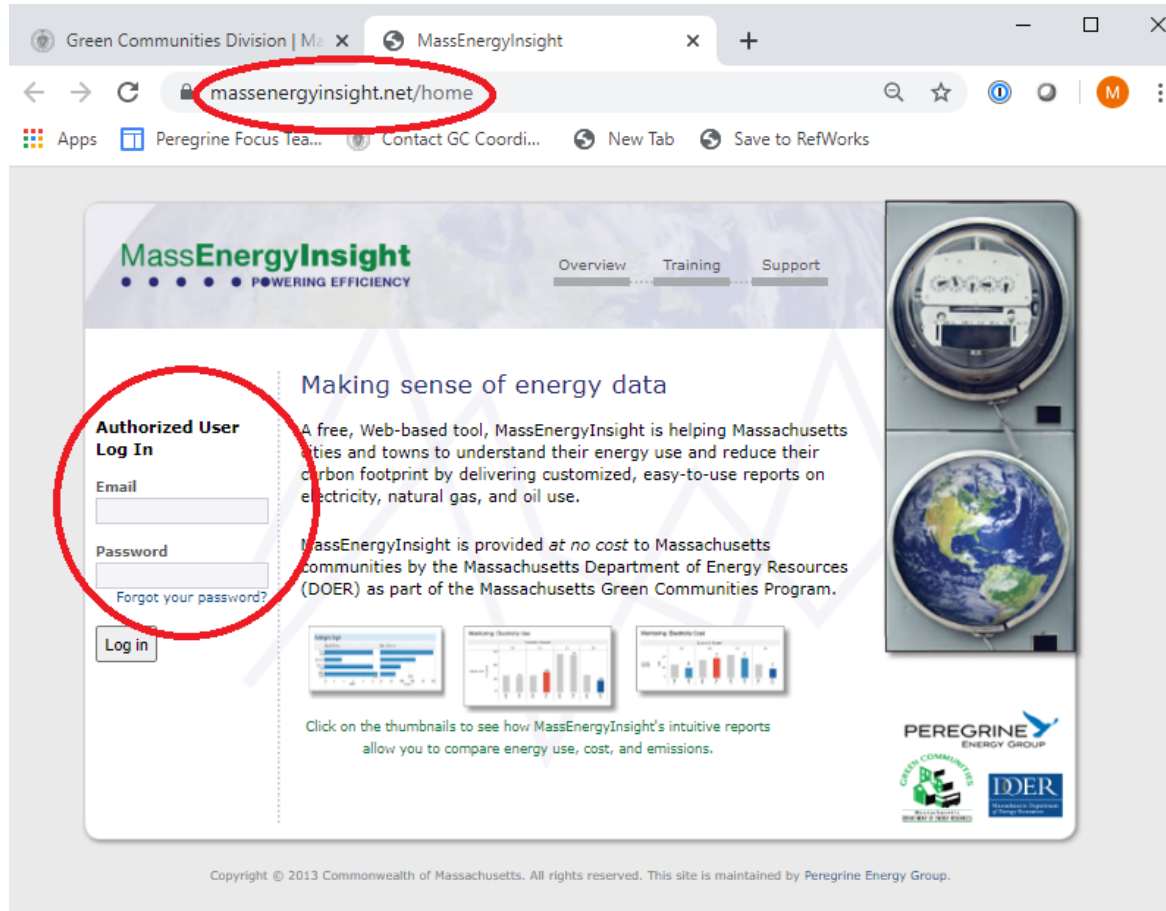- **Monitor energy use & cost over time**
- **Share information with town**

Plan:

- **Identify targets for energy efficiency projects, set goals**
- **Create an energy use baseline to qualify for Green Community Designation**
- **Meet reporting requirements as a Green Community**

What Can MEI Store?

- **All municipal operations:**
  - **Facilities**
  - **Streetlights**
  - **Vehicles**

- **All fuels:**
  - **Typically automatic: Electricity, natural gas**
  - **Entered by user: Oil, propane, gasoline, diesel**

- **All attributes:**
  - **Use**
  - **Emissions**
  - **Cost**

Getting Access

- www.massenergyinsight.net
- Username
- Password
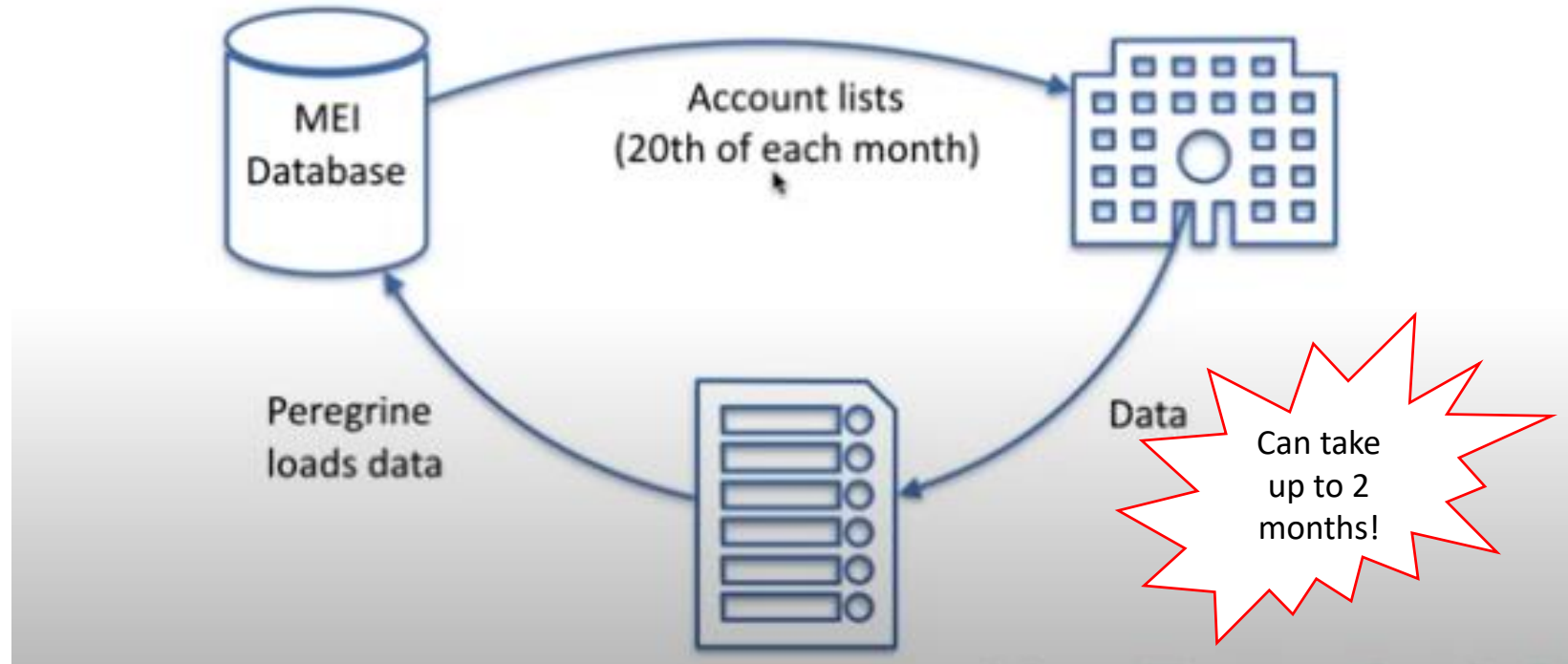- Support: pfsupport@peregrinefocus.com

Timing: No Time Like the Present!

- Plan ahead!
- Deadline for Designation: by end of year, but don't wait!
- Deadline for Annual Report: TBD, probably mid-October
- Get started today
- Complete everything minimum two months ahead
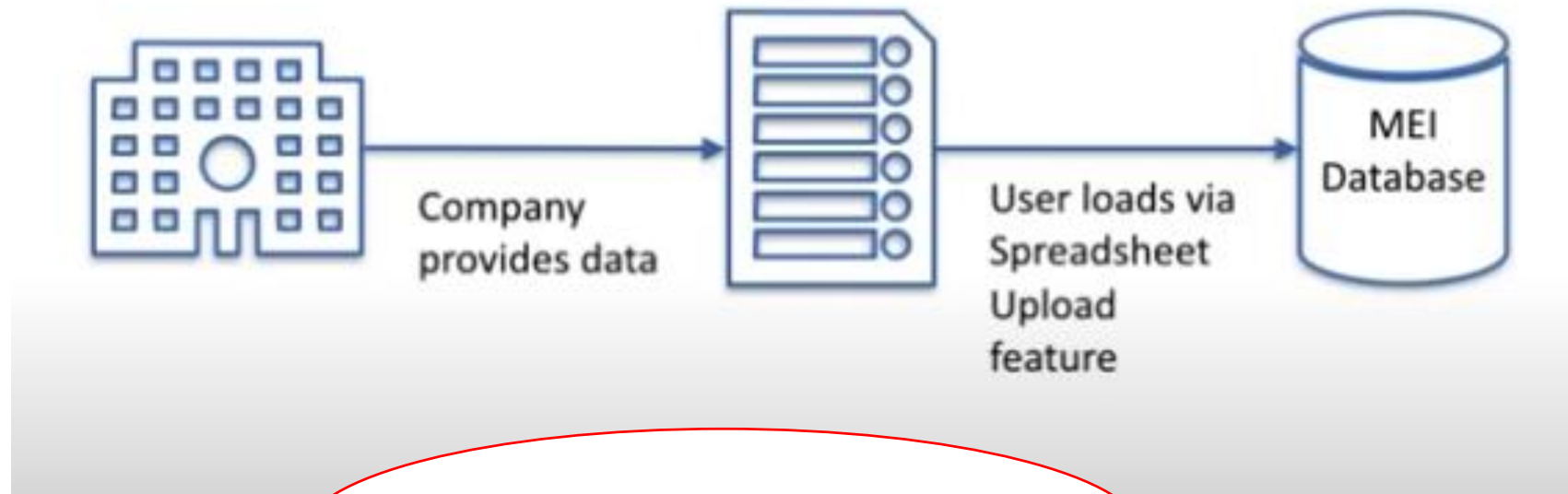- Stay current through the year

How Data Gets Into the System

Investor Owned Utilities - monthly data updates

MEI Database

Account lists (20th of each month)

Peregrine loads data

Data

Can take up to 2 months!

How Data Gets Into the System

Delivered Fuels and Competitive Supply Data

Company provides data → User loads via Spreadsheet Upload feature → MEI Database

Timing: Reports refresh overnight

How is Data Organized?

The "Tree":
- Your City / Town
  - Department
    - Complex
      - Facility
        - Unit

Categories of Facilities

- Buildings
- Open Space
- Water/Sewer
- Street and Traffic Lights
- Vehicles