Serving Michigan for Nearly 130 Years

- Affordable, reliable energy
- Largest utility, second-largest investor
- Seventh-largest employer
- $10 million to nonprofits
Renewable Energy Options

**UTILITY RENEWABLE ENERGY**

- 10% of your energy comes from renewable energy
  - ~600 MW wind
  - ~200 MW biomass
  - ~140 MW hydroelectric
  - ~50 MW other
  - Credit for advanced energy storage

**RENEWABLE ENERGY CAPACITY**

- Wind: 58%
- Hydroelectric: 14%
- Landfill Gas: 4%
- Anaerobic Digester: 1%
- Biomass: 20%
- Municipal Solid Waste: 2%
- Solar: 1%

**CUSTOMER PROGRAMS**

- **Green Generation™ Program**: Excellent alternative to owning your own renewable resource
- **Experimental Advanced Renewable Program (EARP)**: Sell solar energy generated on your property to Consumers Energy
- **Net Metering Program**: Offset your energy use by generating your own electricity
- **Solar Gardens Program**: Solar energy generated on your behalf
How Does the Solar Gardens Program Work?

1. We develop large-scale solar array
2. Customer subscribes to the Solar Gardens Program
3. Customer pays monthly subscription fee
4. We credit customer for solar power produced

Everyone benefits from clean, renewable energy.
Project Size: 1 MW AC

Project acreage: 8.5 acres

Technical Details:

- 3,900 Solar Modules
- Ground mount, Fixed panel
- 47 Solar String Inverters
- 1 SMA Cluster Controller Unit
**Project Size:** 3 MW AC

**Project acreage:** 17 acres

**Technical Details:**
- 11,250 Solar Modules
- Ground mount, Fixed panel design
- 125 Solar String Inverters
- 2 SMA Cluster Controller Units
Solar Gardens Program Enrollment

1. Consumers Energy builds Solar Gardens in Michigan communities

2. Interested customers enroll online (1/2 Kw Blocks)

3. Flexible payment plans offered to subscribers at time of enrollment
   - Lump Sum: $1289 one-time
   - 3 year: $40 per month
   - 7 year: $20 per month
   - 25 year: $10 per month

4. Bill credits applied to subscriber bills over 25 year period
Solar Gardens Program Timing

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<th>ACTIVITY</th>
<th>2015-2016 PROGRAM IMPLEMENTATION OVERVIEW</th>
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<td>CUSTOMER ENROLLMENT</td>
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<td>GVSU SOLAR GARDEN (3 MW)</td>
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<td>SOLAR GARDEN III (3 MW – 6 MW)</td>
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Solar Gardens

Consumersenergy.com/solargardens

1-800-241-3368
Q & A