

Energy On Wisconsin

WPPI Energy and the Jefferson Solar Project

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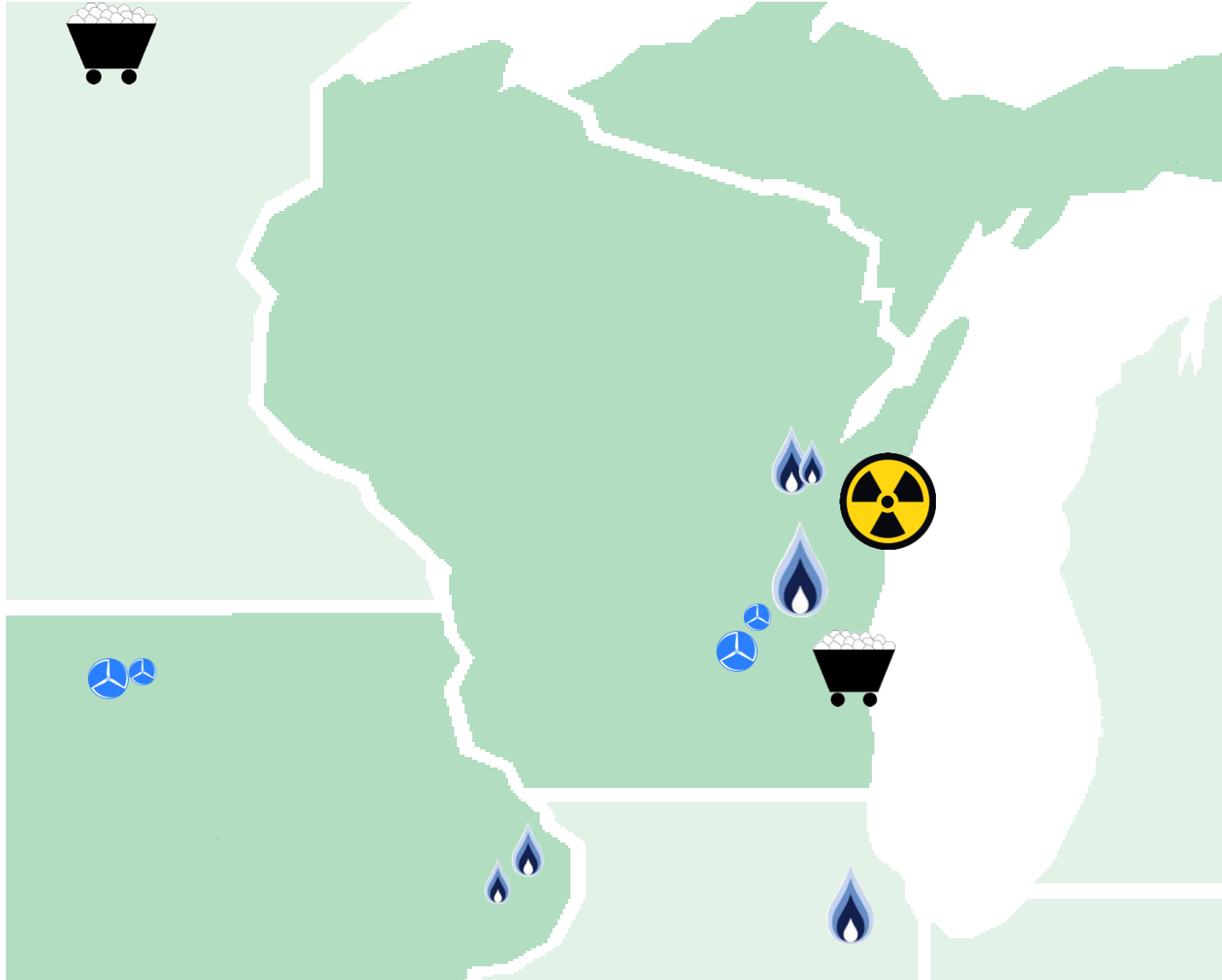
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Introduction to WPPI Energy

- Municipal joint action agency
- Serve 51 member electric utilities in Wisconsin, Iowa and Michigan, including *Jefferson Utilities*
- Peak load of approximately 1,000 MW



WPPI Power Supply Resources

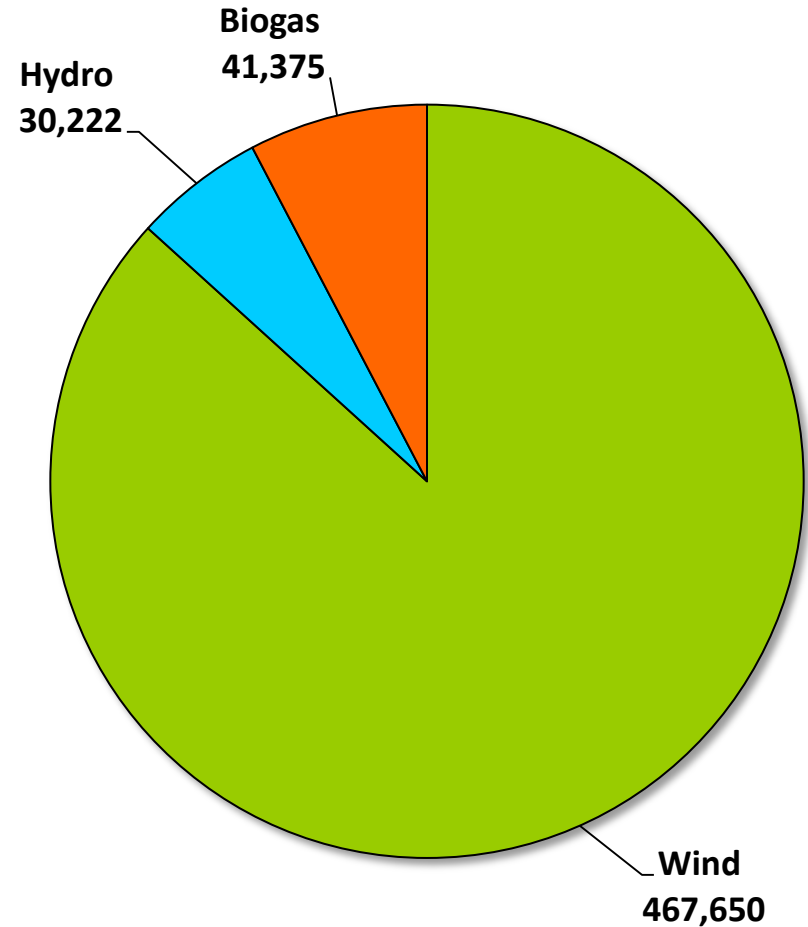


WPPI Renewable Portfolio

By Capacity (MW)



By Annual Energy (MWh)



Purchase by WPPI vs. Member

- Members purchase energy from WPPI on long-term, all requirements basis
 - Necessary for bond financing
- As a result,
 - Generating assets are owned by WPPI, and
 - Power purchase agreements are with WPPI

Build vs. Buy Decision

- WPPI's access to municipal debt financing generally favors ownership, but
- Tax-exempt status precludes PTC/ITC utilization
- On balance, purchase is preferable to ownership for renewable resources, so
- WPPI obtains most renewable energy through power purchase agreements

Value of Projects in Member Communities

- Advantageous to locate generating resources close to load
- Easier to interconnect with member distribution system than with transmission system
- Prefer benefits of projects to go to member communities

Jefferson Solar Project 1.0

- 20 MW project
- Developed by Green States Energy, Inc. (GSE)
- Power purchase agreement signed between GSE and WPPI in Sept., 2010
- WPPI to purchase energy – renewable attributes to be sold to another party
- GSE unable to finance

Jefferson Solar Project 2.0

- WPPI previously committed to adding 1.25 MW of solar capacity by 2015
- PPA for 1 MW signed by GSE and WPPI in May, 2012
- Project sold to Half Moon Ventures (HMV) in July, 2013
- Project entered commercial operation in December, 2013

Wisconsin

Algoma	New Richmond
Black River Falls	Oconomowoc
Boscobel	Oconto Falls
Brodhead	Plymouth
Cedarburg	Prairie du Sac
Columbus	Reedsburg
Cuba City	Richland Center
Eagle River	River Falls
Evansville	Slinger
Florence	Stoughton
Hartford	Sturgeon Bay
Hustisford	Sun Prairie
Jefferson	Two Rivers
Juneau	Waterloo
Kaukauna	Waunakee
Lake Mills	Waupun
Lodi	Westby
Menasha	Whitehall
Mount Horeb	
Muscoda	
New Glarus	
New Holstein	
New London	

Michigan

Alger Delta CEA
Baraga
Crystal Falls
Gladstone
L'Anse
Negaunee
Norway

Iowa

Independence
Maquoketa
Preston

