

Challenges/Lessons Learned:

When a Tree Falls in the Suburbs, Can a Solar Rooftop Be Far Behind?

See our story in *Winter 2014 GEO News Magazine* at:

www.greenenergyohio.org/page.cfm?pageID=3776

Lessons Learned:

- * Solar is Lower Cost Than Ever Before
- * Federal Tax Credit Makes Solar Affordable
- * Professionally Installed Solar is Easy for the Consumer
- * Microinverter Technology Makes Solar Possible in Wooded Area Where Shaded Panels Occur at Times
- * Solar & Environmental Data Available on I-Phone & Internet
- * Polar Vortex Snowed Our Solar & Barring Squirrels from Solar Array in an Oak Forest

Environmental Benefits:

The 25 years of solar power generation results in offsetting:

144,670 lbs of CO₂ emissions

464 lbs of NO_x emissions which cause acid rain

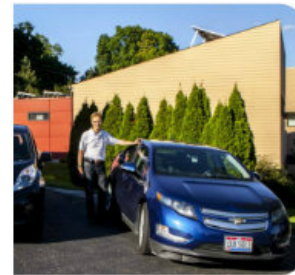
29 lbs of particulates that cause asthma

That's the environmental equivalent of 235,392 miles driven in an average car or taking 0.8 cars off the road for 25 years or the planting of 1.2 acres of trees





Driving on Solar Power from Your Home Solar Array





Green Energy Ohio News Magazine Summer 2014



Lamberts in Lake County, Ohio



Ground-Mounted Solar Array





Ground-Mounted Solar Array



Carbon Offset by Solar



- Languis Residence
Columbus
- 7.28 kW Solar PV
- Central Region
- 9,000 kWh per year
- 16,125 lbs of CO₂ emissions
avoided per year
- Equivalent to taking 1.5
cars off the road
- Saved 2,432 gallons of H₂O



14th Annual

GREEN ENERGY OHIO TOUR

June 3, 4 & 5, 2016



Green Energy Ohio (GEO) Presents...

OHIO GREEN ENERGY POLICY CONFERENCE

Energizing Green Ohio Communities

Learn about Key Policy Issues for Ohio Green Energy and
Meet Key Policy Players Empowering Clean Energy



GEO'S 2016 Policy Summit

NATIONWIDE & OHIO FARM BUREAU 4-H CENTER
2210 FRED TAYLOR DRIVE

THE OHIO STATE UNIVERSITY, COLUMBUS, OHIO

Thursday, April 7, 2016

8:30-5:00 p.m.

8:30 a.m.-3:45 p.m. Expert Policy Speakers, Luncheon
Keynotes & Green Expo Trade Show

3:45-5:00 p.m. Reception, Exhibits & GEO Annual Awards

TOPICS INCLUDE:

- National Issues: 50% American Clean Energy by 2030; Clean Power Plan, Tax Credits
- State Issues: Ohio's Renewable & Energy Efficiency Standards, Wind Power Set-Backs, Net Metering
- Community Issues: Choice Aggregation; Community Solar, Solar Cooperatives, PACE, Voluntary PPAs
- Continuing Education for Attorneys and U.S. Green Building Council (open to all)

NETWORK WITH Ohio Community Leaders, Clean Energy Professionals, Policy Makers, Business Owners,

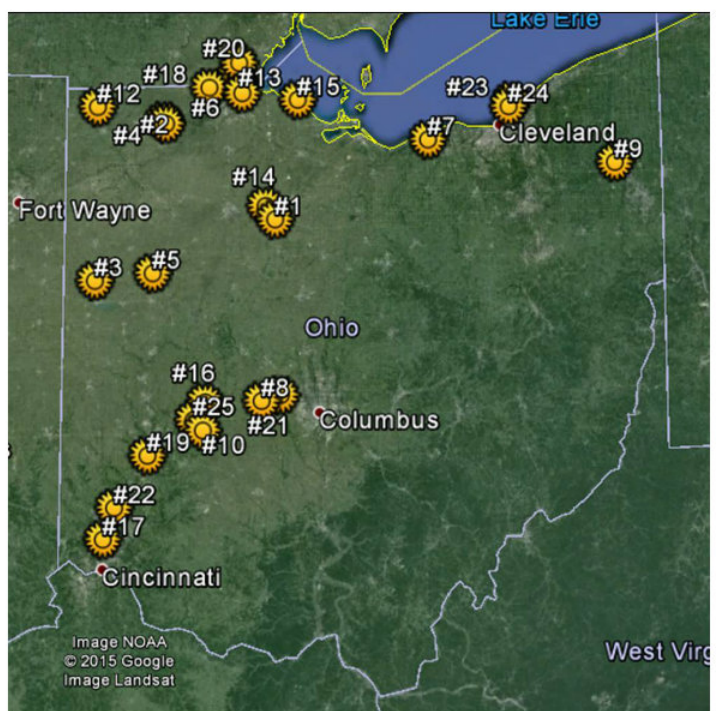
4 7 16

Policy Issues: “Solar Tax” on Ohio Solar Homeowners?



Policy Issues: “Solar Tax” on Ohio Solar Homeowners?





Ohio's 25 Largest Solar Arrays

67 MW of 117 MW

January 15, 2015

GEO's Big Solar Conference
Toledo
March 27, 2015





GEO 15

Making Ohio Greener for 15 years

Key findings of the GEO Ohio Large Solar Study July 16, 2015:

- Ohio's 121 largest solar PV installations (100 kW and over) represent 100.62 MW of the 120.73 MW, or over 83% of the total solar PV installed across Ohio at 1,562 sites.

- Sites for ground-mount, rooftop & canopy applications include Ohio airports, factories, municipal and investor-owned utilities, commercial buildings, zoos, schools, universities, and other locations.

See Page 8 in GEO News Magazine Summer 2015

Regions of Ohio	Number of Installations ≥ 100 kW	Capacity of Installations ≥ 100 kW (MW)
Northeast	29	14.32
Northwest	32	56.17
Central	15	9.58
Southwest	41	19.92
Southeast	4	0.63
State Total	121	100.62

Northeast ≥ 100 kW		
12 Counties	# of Installations	Capacity (MW)
Ashland	1	0.10
Cuyahoga	10	4.34
Lake	2	0.41
Lorain	2	2.37
Mahoning	2	0.80
Medina	1	0.18
Portage	2	0.81
Stark	3	0.84
Summit	2	1.47
Trumbull	2	2.62
Tuscarawas	1	0.13
Wayne	1	0.25





— GM, Ford Bet on SUVs in Europe



— Shares of Japan's Mobile Carriers Drop on Abe's Comments



— Facebook Outlines New Measures to Combat Racist Content



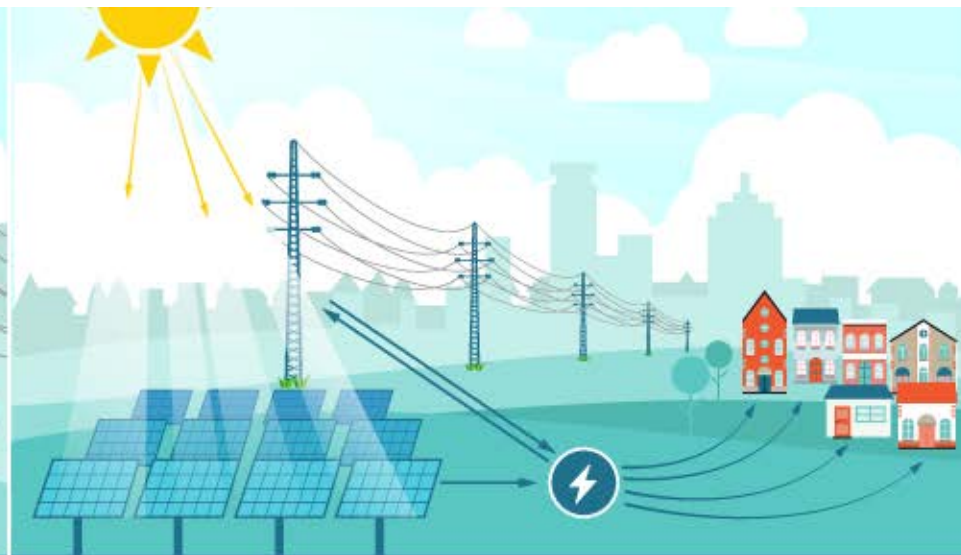
[BUSINESS](#) | [ENERGY](#) | [JOURNAL REPORTS: ENERGY](#)

Solar-Power Sharing Programs May Be Poised to Take Off

Community solar projects offer those without rooftop panels a way to tap the sun's power



Community Group Purchasing



Offsite Shared Solar



Onsite Shared Solar (Multi-Unit Building)



Community-Driven Financial Models



Green Energy Ohio

NEWS MAGAZINE

GreenEnergyOhio.org

VOLUME 8 | ISSUE 4 | WINTER 2016

Ohio Green Energy Policy:

Key Issues
for 2016





Thank You!

**Bill Spratley, Executive Director
Green Energy Ohio
7870 Olentangy River Road, Suite 209
Columbus, OH 43235
Toll Free – (866) GREEN-OH
(614) 985-6131 voice
geo@greenenergyohio.org**