

2008 Wisconsin RE Summit

Alliant Energy-

- Meeting RPS requirements of Act 141
Wind Energy & Bio-burn is most cost effective
- Projected needs of 300MW in 2007 well met:
 - 67MW from Cedar Ridge, owned at Eden WI.
 - Purchased 500MW Whispering Willows IA.site with 200MW to be developed there in 2009.
 - Adding potential from Forward PPA
 - UR116 -Second Nature Experimental PV Rate \$.25/kwh up to 10yrs. Systems >1.5 & <200kw

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Alliant Energy- R.E. Programs cont'd.

UR116 -ART provides an ave.\$\$.09/kwh for wind, biogas,other non-PV QFs under 1MW.

-Second Nature – Green Power program

- Customers select green mix of 25, 50 or 100% with a premium.

-Agribusiness sector on-farm Methane Digestion

-Business sector's WWTP and Landfill methane generation using CapstoneTurbines or reciprocal engine generation systems

- Wind Connect/RMT - construction of, >20MW Wind farm systems and grid interties

-D.R. Hotline – R.E. Interconnection & GeoThermal Heat Pump Information office. (2,042 Wind & PV contacts in past 5yrs)

800-972-5325

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Alliant Energy- Careers in R.E.

- WI. Act 141 Includes “Efficiency First” directives for energy efficiency in buildings lighting, HVAC, Note: **GTC’s** GeoThermal program. Buildings use 65% of the energy!
- Power engineers & technicians, designers, grid infrastructure, controls, fiber optics, & communications.
- Mechanical, structural, civil engineers, easement & construction materials specialists.
- Heavy equipment operators, rigging specialists.
- Meteorologists, environmental, health, geological, records technicians.
- Site managers, schedulers, buyers & administrative talent.
- Safety & EMTs for tall structure emergency & Rescue
- Diversity reflecting WI. society & an ability to learn.

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- Green Jobs = Good Jobs = Family Supporting Jobs
- R.E. is Global (willing to travel to IA.?)
- The Utility industry is retiring a large % of current staff.

What you already know:

- B.A.s are not required to do most of tomorrow's work.
- WTCS teaches most skills now! Jobs are hiding in sight! Green 'em up!
Get partners, (local is best), then showcase to those partners.
Don't be a secret.

EISA Title X: Green Jobs Act. Admin is by DOE & DOL.

- Energy & R.E. Educ. Supports Nat'l & Local partnerships.
- Use local Eco-Devo, AC, WMC, Labor.
- Create "pull thru" from targeted industry clusters for their needs.
See the Apollo Alliance's "like component" manufacturers map.

Can't move using the same thinking that got us here in the first place.

