

Notes for Mid-Maine Sustainability Coalition meeting on June 13, 2009

From: Renewable Energy and Conservation Committee, John Joseph

Next meeting 5pm at REM on June 23, Tuesday.

Chris will sign us up for membership in REM, setting up the room projector and logistics provide anything that Dale might need. Cody will handle logistics.

1. **Residential Renewable Energy & Conservation:** Dick Thomas, Ken Fletcher, Tom Tietenberg
 - a. Formulating a strategy to increase energy efficiency and renewable energy in the residential sector.
 - b. Creating a common base of knowledge and understanding of available programs and resources
 - i. US Agriculture Rural Development
 - ii. Efficiency Maine
 - iii. KVCAP
 - iv. Maine Housing (Dale McCormack, June 23, at REM, 6pm, Energy committee will met at 5pm on 6/23 at REM, Stearns Building WTVL))
 1. Invitation, financial (Credit Unions and Banks) John will ask Kim to invite lenders.
 2. Format
 3. Meeting after?
 - v. KVCC? Solar Program
 - c. John will contact Ken, to determine agenda and communicate with Dale.
 - d. Does Efficiency Maine have new money for these programs; should they (EM) be there or at another meeting?
2. **Community Wind:** Chris Bryan, Mike Willey, Bob Hussey, Tom Kahl, Chuck Lakin
 - a. Monitoring State Wind Policy
 - b. Evaluation of the Wind Resource in the Region
 - i. Database estimates,
 - ii. On-site measurements (Bob Hussey will work with Cody to help install wind test) Mick Womersley met with Bob and Chris, Gus and rest of Wind team, to discuss 2km resolution for wind data. Need wind speed of 6m/sec. (13.5 to 14mph) for viable wind project. We might consider partnering with area town with good wind, use net metering to feed local needs) Two of the potential wind sites (5 to 5.5 m/ sec.) are KVCC and Colby. We are going to measure wind at KVCC, benefit of KVCC (training in electrical) Hammond Tractor may be a better site) Test the NREL map with real data to validate NREL data. Bob has discussed this with Greg Fletcher. Bob Hussy owns the anemometer and is providing it for free. Tower is 30 to 50 ft., Hammond Tractor may allow us to put anemometer on a man lift. Installed for 4 to 5 months. Can expand the data

for 12 months by correlating with Airport Data. 120 ft installation is anticipated. May be a 10kw unit. Bergey Southwest, etc.

- c. Community Wind Workshop (presenters include)
 - i. Ron Desrosiers with USDA
 - ii. MaryAnn Hayes
 - iii. After the legislative session Chris will contact MaryAnn

- 3. **Renewable District Energy:** John Joseph, Elery Keene, Greg Brown, Gus Libby
 - a. Evaluating the feasibility of a Community District Energy project for Mid-Maine
 - b. June 19, 11am, provide a briefing on wood availability. Bob Hussey,
 - c. Ian Burns should be invited to meetings.
 - d. Cody will map energy load emanating from Huhtamaki, Bruce Olsen, Greg,
 - e. John J., Bob Hussey, Peter Deane, Greg, Cody, Elery.

Student intern, Cody from Unity College will be assisting the committee in compiling energy load data, researching other communities, and generating documentation as needed.

REM: No cost to be a member of REM, we recommend that Sustainability Coalition joins REM.