

Alternative Technologies Workgroup 21st Century Energy Plan

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AT Workgroup
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Outline of Presentation

- Workgroup Project Schedule/Timeline
- Workgroup Priorities
- Status/Progress Report of Teams
 1. CHP Team
 2. Emerging Technologies Team
 3. SmartGrid SubTeam
 4. Policy Team (joint)

Alternative Technologies Workgroup Schedule

- Teams work on specific projects, with deliverables between early August and mid-September
- Meetings:
 - Workgroup meetings monthly (June, July, August, September)
 - Joint 21st Century Energy Plan Meetings: June 22nd, July 18; August 29th
 - Early October – review & comment on Workgroup Reports

Workgroup Schedule(2)

- Draft Team reports (primarily data) due by July workgroup meeting
- Second draft project reports due by August workgroup meeting
- Final Team reports due by early September*
- Final Workgroup Report - September 29th
- Comments on Workgroup Reports - October 16th

* CHP sub-group Report due late-July

Workgroup Priorities

- Update Capacity Need Forum (CNF) data (where necessary):
 - Confirm or modify, as needed
 - Further investigate potential resource options
- Assessment of Costs and Schedules for Technologies (CHP, Distributed Resources, etc.)
- Develop Policy Recommendations:
 - Legislative & regulatory options
 - Financial, funding, & incentive mechanisms

Next AT Workgroup Meetings

- Tuesday, July 11th, 9:30 a.m.
- Wednesday, August 9th, 9:30 a.m.
- Tuesday, September 12th, 9:30 a.m.

*Unless noted otherwise, all meetings will be held
at MPSC offices @ Mercantile Building

Combined Heat and Power Team

- Review of data assumptions used in CNF process (ongoing)
- Provide findings to CNF Update Team
- Draft Position Statement* developed
- CHP Survey* developed for obtaining feedback/data from large boiler owners

*All documents posted on the 21st CEP web site located at:
<http://www.cis.state.mi.us/mpsc/electric/capacity/energyplan/alttech/alttech.htm>

Emerging Technology Team

- Matrix* developed for Characterization of Emerging Technologies considered
- Position Statement* drafted to define charge of ET Team
- Draft Report Outline* developed
- Data gathering for various DG resources

*All documents posted on the 21st CEP web site located at;
<http://www.cis.state.mi.us/mpsc/electric/capacity/energyplan/alttech/alttech.htm>

Smart Grid Sub-Team

- Central recommendation to form Michigan consortium of stakeholders to evaluate and advance various SmartGrid technologies (i.e. – GridApp)
- Provide case studies and model approach for Michigan to consider implementing
- Draft table outlining issues of importance for T&D technologies

Policy Team

(combined Renewable Energy and Alternative Technologies)

- Recommendations for increasing application/deployment of alternative and renewable energies (Straw man for RPS)
- Regulatory barriers to deployment of technologies and projects
- Tax Policies, Incentives and Financing/Funding Approaches