



Plug-in Hybrids and the Grid

What needs to be done now?

Chairmen: Keith Hardy, Ted Bohn

System/Global Perspectives

- Keith HARDY, *US DOE/Argonne National Laboratory*
Introduction, overview and objectives
- Peter VAN DEN BOSSCHE, *Erasmus Univ. College Brussels*
Global initiatives
- Ted BOHN, *Argonne National Laboratory*
System interfaces, issues and myths

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Vehicle Technology

- Dave HOWELL, *US DOE*
Batteries and Recovery Act initiatives
- Lee SLEZAK, *US DOE*
PHEVs and Recovery Act initiatives
- Technical challenges and opportunities
- Mike DUOBA, *ANL*
50-150 mpg in the same car? ... Proposed standard PHEV test procedures

Vehicle-Grid Interface

- Cyriacus BLEIJS, *EDF*
Connecting PHEVs to the grid ... issues and options
- Ingo DIEFENBACH, *RWE*
Industrial initiatives regarding vehicle-grid connectivity
- Ted BOHN, *Argonne National Laboratory*
Eminent PHEV codes & standards

Preparing the Grid

- Dean TAYLOR, *Southern Calif. Edison*
Roles of utilities and government
- Joachim SKOOGBERG, *Fortum*
Will the Nordic utilities be ready?
- Johan SÖDERBOM, *Vattenfall*
Who should control 'smart charging'?
- Robert GRANSTRÖM, *Test Site Sweden*
What about charging in cold conditions?
- Charlie BOTSFORD, *AeroVironment*
Fast or Slow Charging?

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