

Visioning 2026 Energy Session 1  
8/23/06, 11:30 am

Attendees: Bill Woepfel, Brian Nordby, Charles Kathrima, Fred Aufdembrink, John Johnson, Julie Lingenfelter, Kathy Nordby, Mark Hall, Mike Nolan, Monica Melcher, Rick Tomjack, Stan Staab, Stephanie Mieth, Steve Morton, Terry Rasmussen, Tom Higginbotham  
Facilitators: Larry Wentz, Greg Heineman, Pam Carlson

The group was given an explanation of the goal of a dialogue session, that there is no set agenda, not wrong answers, just a desire for dialogue on future trends for technology, global economy and the internet. A definition of what dialogue means was also given.

A handout of icebreaker questions were distributed to the group and everyone was asked to find someone in the group that matched to the items listed. Group was asked how many of the items listed where around 10-years ago.

The group identified the following key energy factors/sources/trends for future research and dialogue at the next meeting set for **Wednesday, August 30, 2006, at the Chamber Office located at 405 Madison Ave. starting at 11:30 am**

Price of fuel (gas at the pump) and the price differences between cities

Politics

Ethanol Facilities (Nebraska was the 1<sup>st</sup> in the nation to have an Ethanol Board) by product use

Ethanol from switch grass

Bio Fuels, Bio Mass, Bio Diesel

Wind/Solar

Hydrogen (trend map was provided and reviewed by group)

Atomic/Nuclear

Alternative Fuel

Renewable, Recyclable

Efficiency, Conservation, Comfort

China/India and other developing nations

Incentives

Research and Development

Water, directly and connected

CRP Land – Energy Production

-Energy-

Fixed Based Fuels

Nuclear

Coal and Coal Gas production

Electricity

Diesel

Wind

Methane

Oil Shale

Motor Vehicle Fuels

Hydrogen Fuel Cells

Gasoline/Oil

Diesel

Geo Thermal  
Water  
Hydro-Electrical

Electricity – Hybrid batteries  
(Using Hybrid adds energy back to the grid creating  
mini generator system throughout the community,  
less need for one or two large facilities)

Ideas to consider:

Nano Diesel production using waste from landfills

UNL working w/ pig confinements to create methane production to fuel homes

How do we clean them up (Smell)?

Acceptability

Government policy concerning energy

Population growth increases energy consumption

Technology and its increases in energy consumption

Centralized processor

Group asked to read the book Hydrogen Economy, Larry read to the group excerpts from the book.