Biogas Power Development

PSE Perspective for the Joint Committee on Energy Supply & Energy Conservation

Keith Faretra
Senior Resource Scientist

December 4, 2008
Different Sources/Uses for Biogas

- **Multiple Sources** –
  - Landfills
  - Wastewater Treatment Plants
  - Dairy Digesters

- **Typical Use** –
  - End-Use Natural Gas
  - Electricity Generation
  - Compressed Natural Gas (vehicles)

- **Emerging Resources**
PSE Projects

- King County South Treatment Plant (Renton)
- Cedar Hills Regional Landfill
  - Anticipated operation next year
- VanderHaak dairy digester project
  - 2 in development, more than 10 additional possible (northern territory)

- Discussions
  - LOTT Alliance (Lacey, Olympia, Tumwater)
Questions?