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To: Legislative
Energy Commission

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DNR Mission

- Work with citizens to conserve/manage state's natural resources
- Provide outdoor recreation opportunities
- Provide for commercial uses of natural resources to create sustainable quality of life



Firewood Supply

- Seasoned firewood is in short supply
- Limited Information
- Description of firewood market
- Assumed Causes



Limited Information

- Firewood markets are not closely tracked
 - Most firewood is self-supplied
 - State conducts a household survey every five years
- Anecdotal information
 - Wood is available, but the price is “high”
 - Seasoned wood may not always be available
 - Forestry firewood permits do not seem to be spiking



Firewood Market

- Three main uses:
 - Primary heating,
 - Supplemental heating
 - Recreational/Camping
- Dominated by “cordwood”
- About 60% of firewood is self-supplied
- More kiln operators now (4)

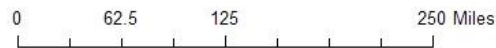
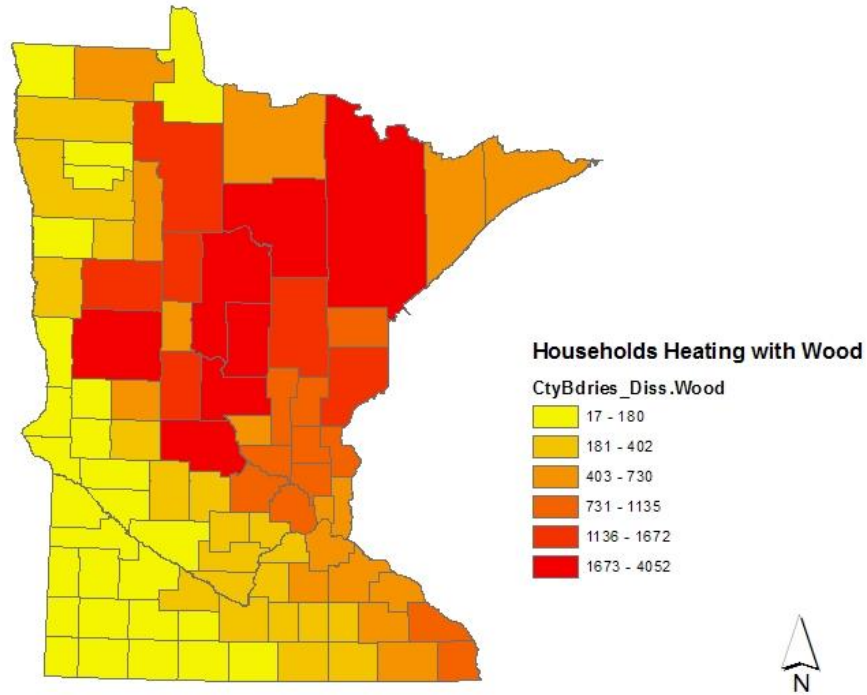


Firewood Market

- Total use:
 - MPCA – 1.2 million cords for heating
 - US EIA – 600,000 cords
- Households:
 - MPCA – 130,000 primary / 130,000 secondary
 - Census – 50,000 primary



Households Heating With Wood



Map Produced by Minnesota Department of Natural Resources -
Operations Services Division
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Assumed Causes

- 2013-14 Saw draw down of firewood stockpiles.
 - Cold winter = heating demand
 - High propane prices = more supplemental heating
- Air drying fire wood requires long lead times
- Weather may have slowed fire wood production



Thank You

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