

Wood Devices and Wood Curtailment Work Group – September 13, 2018

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Wood stove changeout program (WSCOP)

- \$1.5 m currently available for wood to wood exchange, @150 devices
- \$4 m in new grant for conversion from solid fuels to non-solid fuels, @ 450 changeouts
- FNSB has approximately 13,000 solid fuel devices
 - 6,400 were uncertified
 - about 2,000 have used Wood Stove Change Out Program (WSCOP)
 - about 4,400 still need to be changed out
- Another targeted airshed grant yet to come, about \$1.5 m
- Need staffing for communication and to expand WSCOP
 - sign up online, get onto list for when funding is available
- Don't try to remove more in a year than we have funds for

Action: Prepare Congressional and State of Alaska requests to fund wood stove changeout program

- \$40 million over two years
 - That level required for reaching attainment
- Pair with deadline to remove noncertified devices
- Suggestions:
 - prioritize funds for economic hardship
 - prioritize conversions of wood to non-solid fuels inside non-attainment area
 - treat North Pole/Fairbanks air quality zones separately; spend funds first in North Pole
 - new Federal funds restricted to non-solid fuel conversions; request state funds to provide solid-fuel to wood conversions
 - for wood-to-wood changeouts, allow more than one way to get to emissions of 1.5 pm or better (using certified devices with catalytic, ESP, other new technologies)
 - allow wood to wood changeout in areas without gas?
 - include new weatherization efforts

Action: Set date-certain removal of uncertified solid fuel devices

- When funding is secured, set deadlines for removal of uncertified devices:
 - phase I: One year for removal of all uncertified outdoor hydronic heaters
 - phase II: One additional year for residents in the North Pole zone of the nonattainment area to remove fireplaces and all uncertified solid fuel devices, including coal and wood
 - phase III: One additional year for residents in the Fairbanks zone of the nonattainment area

Action: New solid fuel devices

- Current borough code for new construction or added square feet allows for solid fuel burning appliance only with permit for borough-listed device and with professional installation

- Add to Code:
 - non-solid fuel must be primary heat source in new homes or homes adding square footage
 - primary heat source must be adequate to heat the house
 - FNSB-certified solid-fuel device allowed as backup
- Outreach to Alaska Builders' Association: need enforcement

Action: Prioritize development of regional kiln to dry wood

- Multiple distribution locations
- Public-private partnership
- Prioritize for nonattainment area, then available to all borough residents

Effects of failure

EPA sanctions: loss of highway funds; Fort Wainwright would lose ability to accept new missions; housing prices would drop