

Reduction Option	Source Category	RACT/RACM	Acceptable	Comment
Woodstove changeouts	area	RACM	Yes	EPA grant to continue changeouts
weatherization	area	RACM	Yes	EPA grant
survey woodburning appliances	area	RACM	Yes	Done
use zones to changeout stoves	area	RACM	Yes	
enlarge NAA	area	RACM	No	
mandate rentals have certified stoves	area	RACM	No	
Woodstove education	area	RACM	Yes	EPA grant
Ag/forest agreement	area	RACM	Yes	Underway
Reduce fall open burning	area	RACM	Yes	
Landfill/recycle yard waste	area	RACM	Yes	EPA grant
standards for fireplaces	area	RACM	No	
Fine habitual offenders	area	RACM	Yes	
boundary change to NAA	area	RACM	Yes	
Mandatory alternative heat source for new construction	area	RACM	Yes	Already in building code
increased air sampling	area	RACM	Yes	
Prohibit use of uncertified stoves	area	RACM	No	
Use zones for AQ advisory	area	RACM	Yes	
Ban woodstoves	area	RACM	No	
ban fireplaces	area	RACM	No	
Prohibit homemade stoves	area	RACM	No	
Require permits for open burning	area	RACM	Yes	

PM2.5 RACT/RACM Requirements

42 U.S.C. §7502(c)(1) (Section 172(c)(1) of the Clean Air Act) requires states with nonattainment areas to submit State Implementation Plans (SIPs) implementing emission controls that are economically and technologically feasible. Specifically, Section 172(c)(1) of the Clean Air Act states:

“In general – such plan provisions shall provide for the implementation of all reasonably available control measures as expeditiously as practicable (including such reductions in emissions from existing sources in the area as may be obtained through the adoption, at a minimum, of reasonably available control technology)”

EPA considers RACM to be measures of any type that may be applicable to a wide range of sources. Evaluate the strategies based on specific criteria listed below:

Environmental

- Effect on PM2.5 level

Health

- Likely effect on pollution related illness
- Effect on quality of life

Economic

- Likely effect on local jobs
- Cost to those affected
- Costs to state/taxpayers
- Level of financial incentive to comply
- Level of financial deterrent to violate

Social

- Level of public support

Technological Feasibility

- Degree of difficulty to implement