



Missouri
Department of
Natural Resources

Proposal to Consolidate the Indirect Heating Rules

10 CSR 10 –
2.040, 3.060, 4.040, 5.030

Background

- Began to consider consolidation in 2003
- In fall 2007, the Air Program started working on a rulemaking
- Rulemaking will consolidated the four rules into one statewide rule

Why Consolidate?

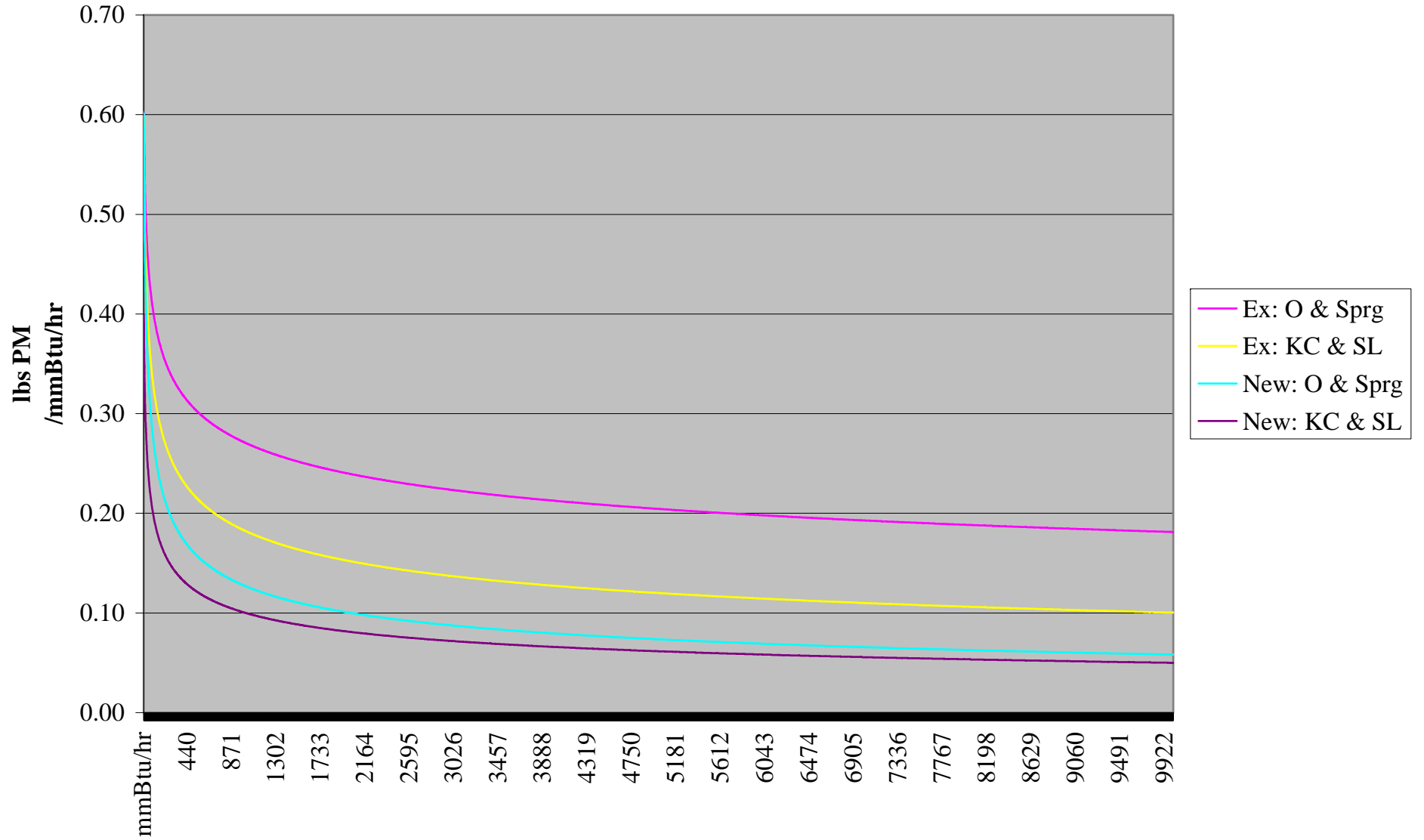
- Consolidation will facilitate a more consistent application of the rule throughout the state

Differences in the rules include:

- Allowable Particulate Emission Rates are more stringent in Kansas City & St. Louis (2.040 & 5.030)
- Kansas City & St. Louis (2.040 & 5.030) rules allow for the Emission Rates to be averaged

	Existing: the total heat input of existing units only			New: the total heat input of both existing & new units		
Range in mmBtu/hr	<10	≥ 10 $\leq 5,000$	>5,000	<10	≥ 10 $\leq 1,000$	>1,000
Kansas City & St. Louis Limits	0.60	$1.09 Q^{-0.259}$	0.12	0.40	$0.80 Q^{-0.301}$	0.10
	Existing: the total heat input of both existing & new units			New: the total heat input of both existing & new units		
Range in mmBtu/hr	≤ 10	> 10 $< 10,000$	$\geq 10,000$	≤ 10	> 10 $< 2,000$	$\geq 2,000$
Outstate & Springfield Limits	0.60	$0.90 Q^{-0.174}$	0.18	0.60	$1.31 Q^{-0.338}$	0.10

PM Limits



Proposed Rulemaking

- Consolidate the four rules into one
- Remove the averaging option (currently in 2.040 and 5.030 rules)
- Retain the two sets of Emission Rates

Questions or comments?