

Proposed Scenarios for IPM Modeling on Categorization

Base Case. 1999 emissions minus reduction in mercury that would result from the NO_x SIP Call and reductions from Title IV.

Each test case has three runs: at high, medium and low levels of control. Percents are the percent of mercury found in the coal that was burned in 1999. (The actual regulation may not be in this format.)

Test Case 1. No subcategories:

High: 90%

Medium: 80%

Low: 70%

Test Case II: Subcategorize by fuel type:

High:

Bituminous/waste/anthracite (including blends): 95%

Subbituminous and blends: 85%

Lignite and blends: 55%

Medium:

Bituminous/waste/anthracite (including blends): 85%

Subbituminous and blends: 75%

Lignite and blends: 45%

Low:

Bituminous/waste/anthracite (including blends): 75%

Subbituminous and blends: 65%

Lignite and blends: 35%

Test Case III: Subcategorize by boiler type:

High:

IGCC: 99%

FBC: 99%

PC: 90%

Medium:

IGCC: 80%

FBC: 85%

PC: 80%

Low:

IGCC: 60%

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FBC: 85%

PC: 70%