

The RFP requirement of an 18% reduction is shown by comparing the future year inventory with the base year inventory. At this time, Illinois EPA is not taking credit for introduction of the AIM coating regulations. The following table shows Illinois EPA meeting the RFP requirement by using VOM alone. The NOx data is included for completeness in showing the transportation conformity budget. CMAP has requested a budget of 204 tons/day for NOx and 133 tons/day for VOM.

Table 4.5: Demonstration of RFP

Category	2011 NOx (tons/day)	2017 NOx (tons/day)	2011 VOM (tons/day)	2017 VOM (tons/day)
Point	119.99	113.14	48.26	47.67
Area	27.13	27.43	210.04	194.80
On-road	332.64	164.40	154.23	80.08
Off-road	170.86	117.29	168.66	81.05
Subtotal	650.62	422.26	581.19	403.60
Increase for mobile source budget		+39.60		+52.92
Total	650.62	461.86	581.19	456.52
Reduction from 2011 to 2017		29.0%		21.5%

As can be seen from table 4.5, Illinois EPA easily meets the 18% reduction required by using VOM emissions alone which result in a 21.5% reduction from 2011 levels. These reductions are primarily met by the reductions in the mobile source component of the inventory.