

MANE-VU IPM Work Update

Megan Schuster, MARAMA

MANE-VU TSC call

October 25, 2005

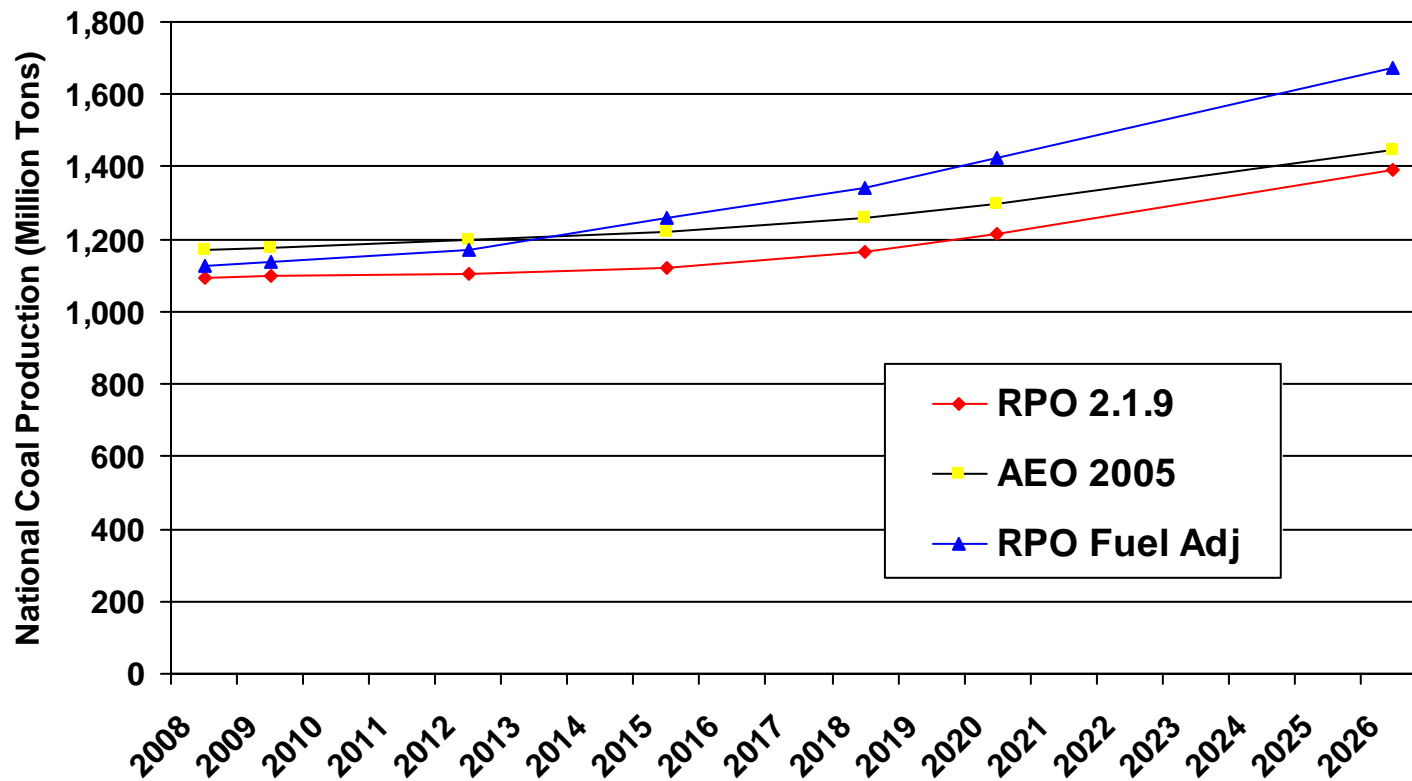
2 RPO IPM Runs

- RPO 2.1.9 -- used EPA fuel cost and curves
 - Base Case RPO 2.1.9
 - Policy Case (CAIR/CAMR) RPO 2.1.9
- AEO 2005 (fuel adj) – developed price curves from AEO 2005 price points and fed into IPM
 - Base Case AEO 2005 (fuel adj)
 - Policy Case (CAIR/CAMR) AEO 2005 (fuel adj)

Run Years

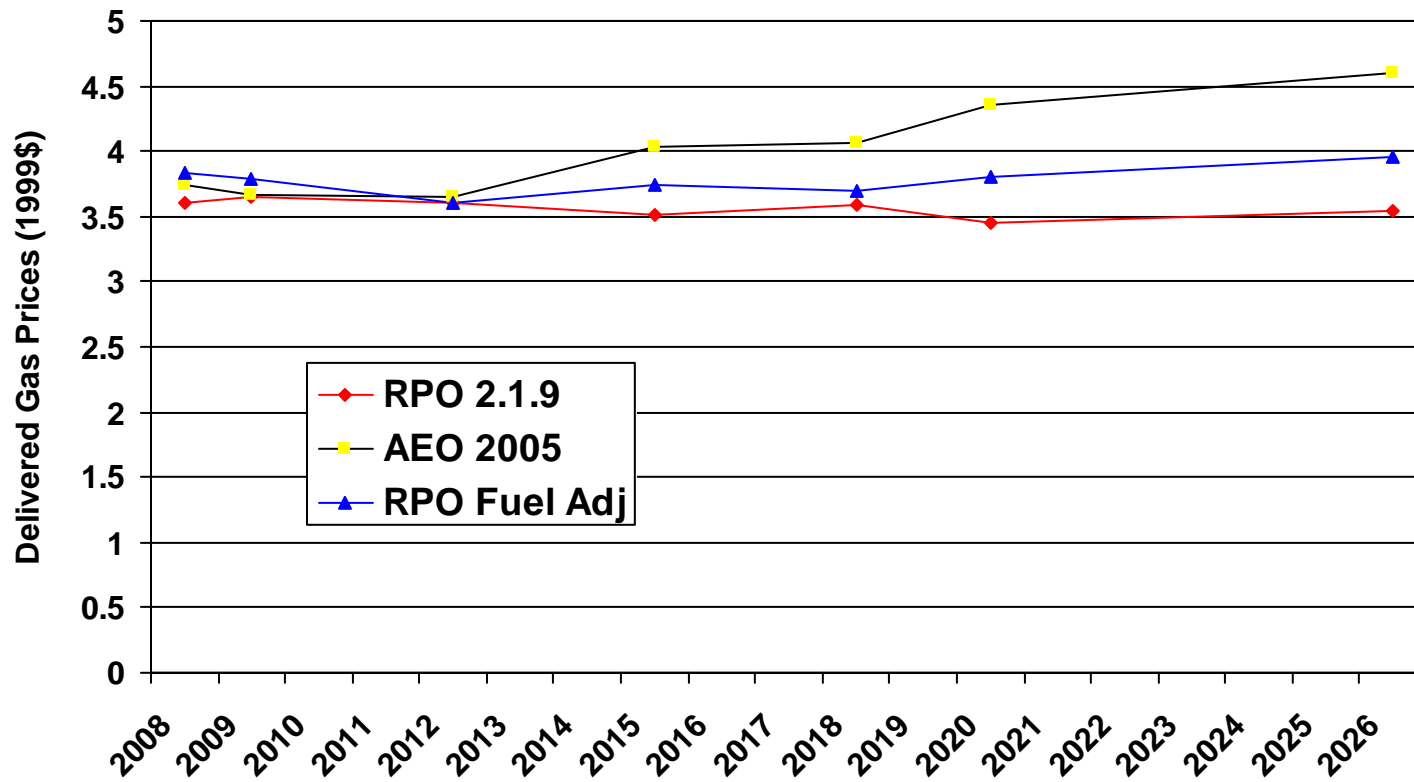
- 2008
- 2009
- 2012
- 2015
- 2018
- 2020
- 2026

CAIR/CAMR Case Results (National Coal Production; Million Tons)

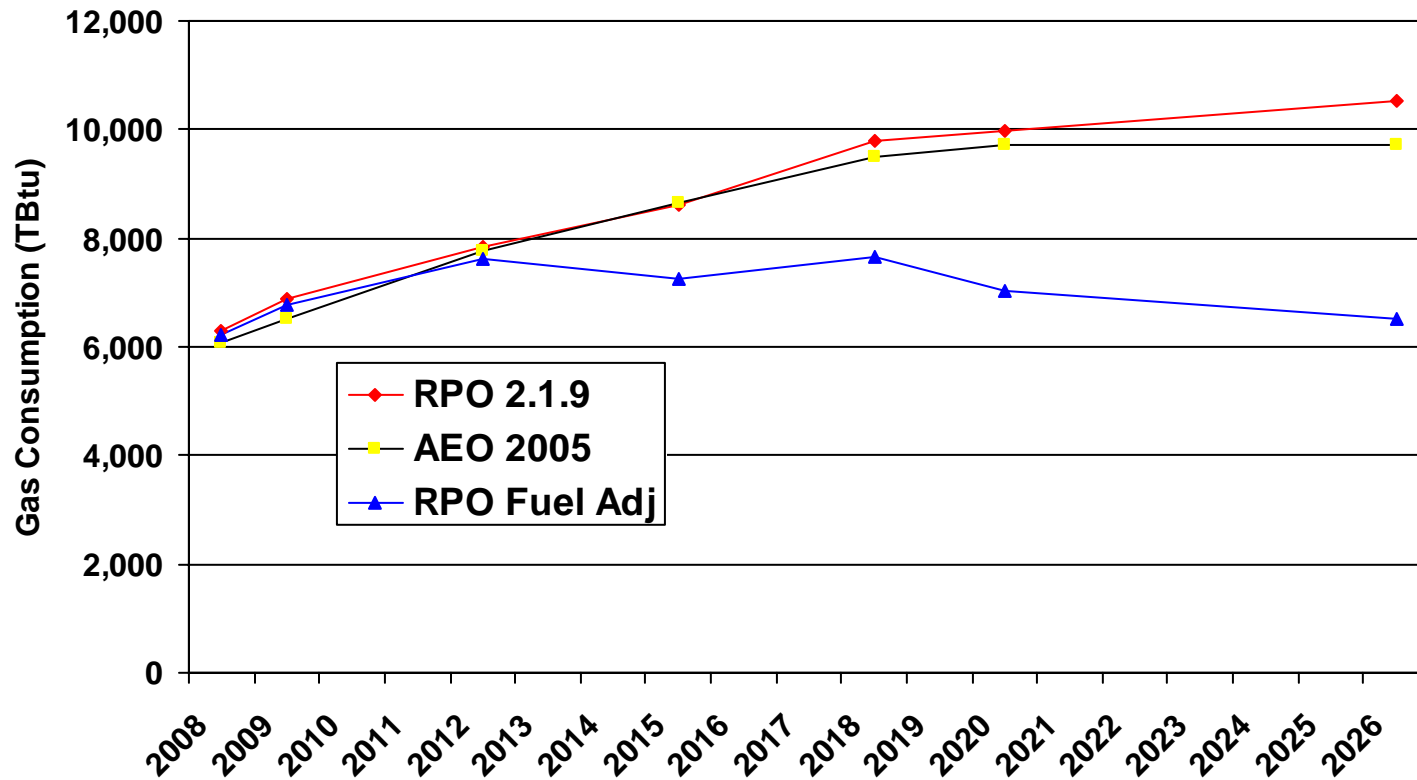


CAIR/CAMR Case Results

(Delivered Natural Gas Prices; 1999\$)



CAIR/CAMR Case Results (Gas Consumption [TBtu])

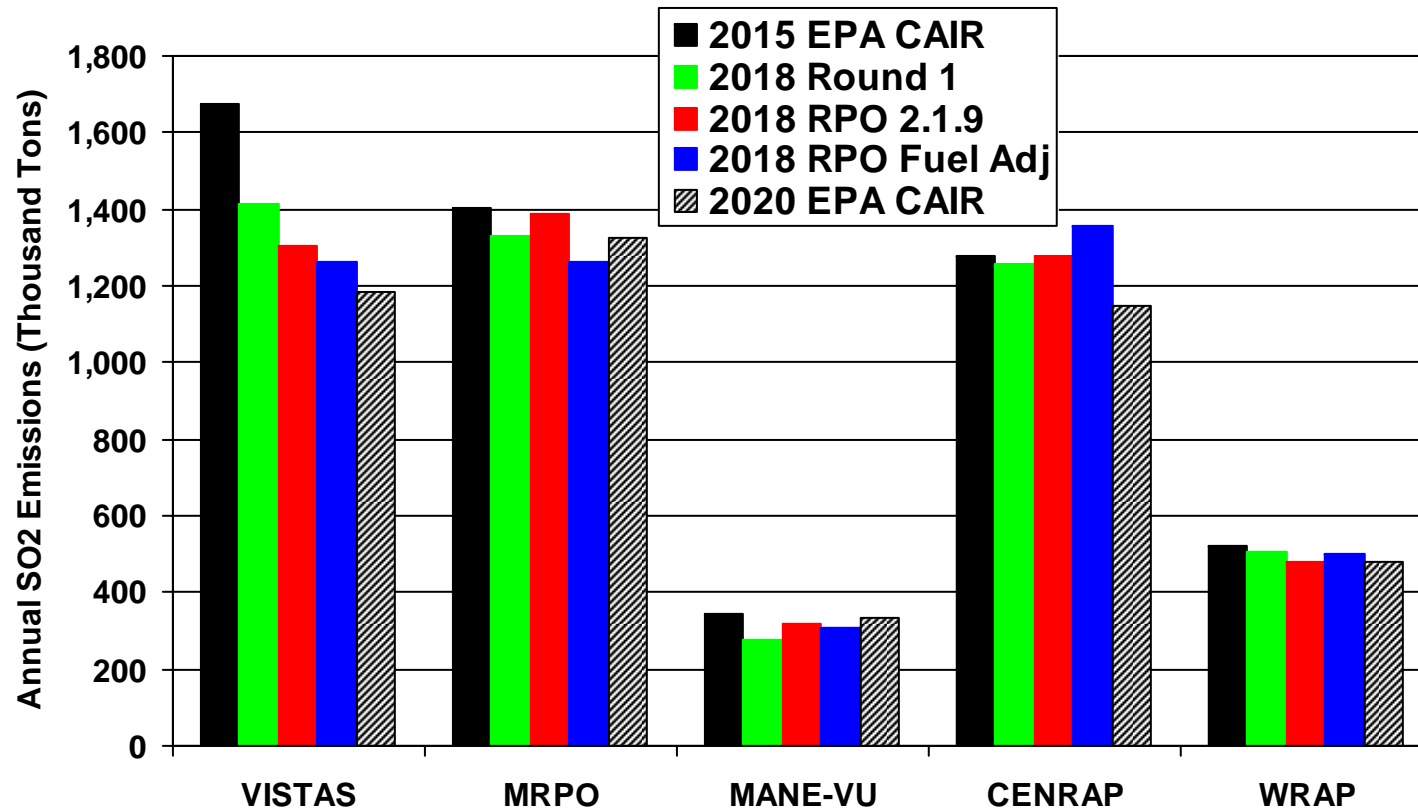


Key to following slides

- EPA CAIR
 - Final data 2010/2015/2020
 - EPA 2.1.9 fuel curves and cost information
- RPO Round 1
 - VISTAS/MRPO sponsored work
 - NEEDS updated only by VISTAS and MRPO
 - EPA 2.1.6 framework
- RPO 2.1.9
 - Inter-RPO work with IPM 2.1.9 fuel framework
 - Includes MANE-VU, MRPO, VISTAS, CENRAP NEEDS update, and other updated inputs
- RPO Fuel Adj
 - Inter-RPO work with IPM AEO 2005 adjusted fuel costs and curves
 - Identical input to RPO 2.1.9 except for fuel costs and curves

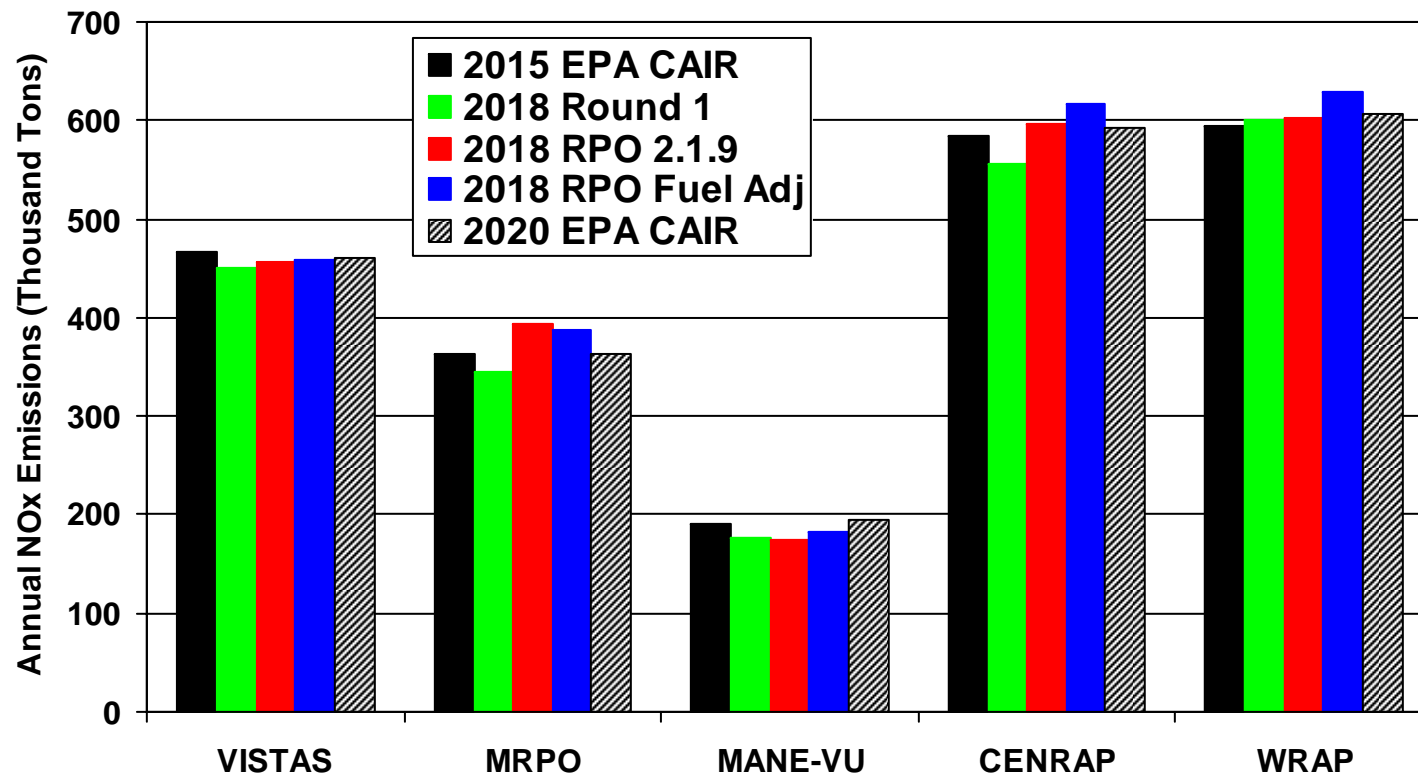
IPM SO2 comparison

(from Greg Stella presentation)

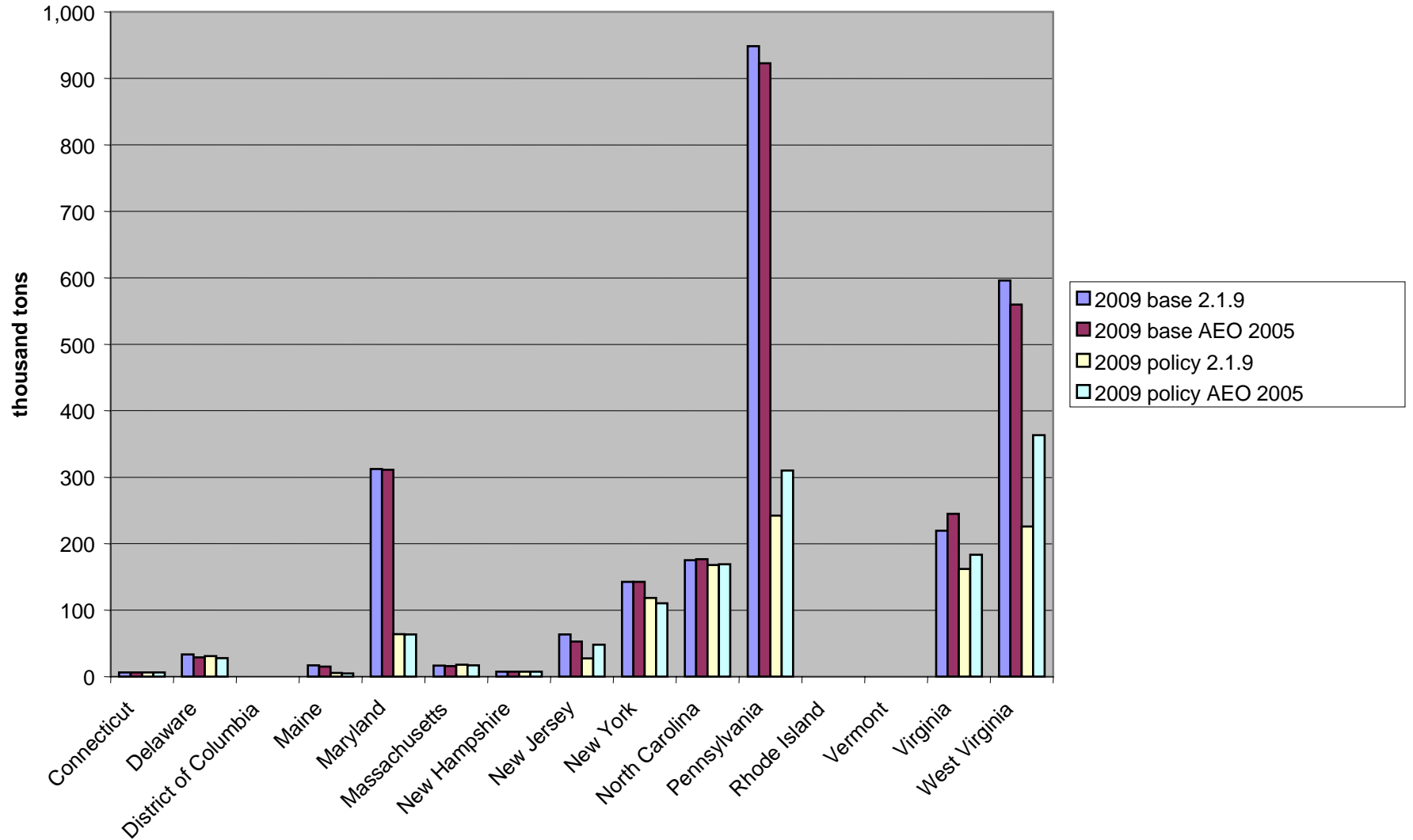


IPM NOx comparison

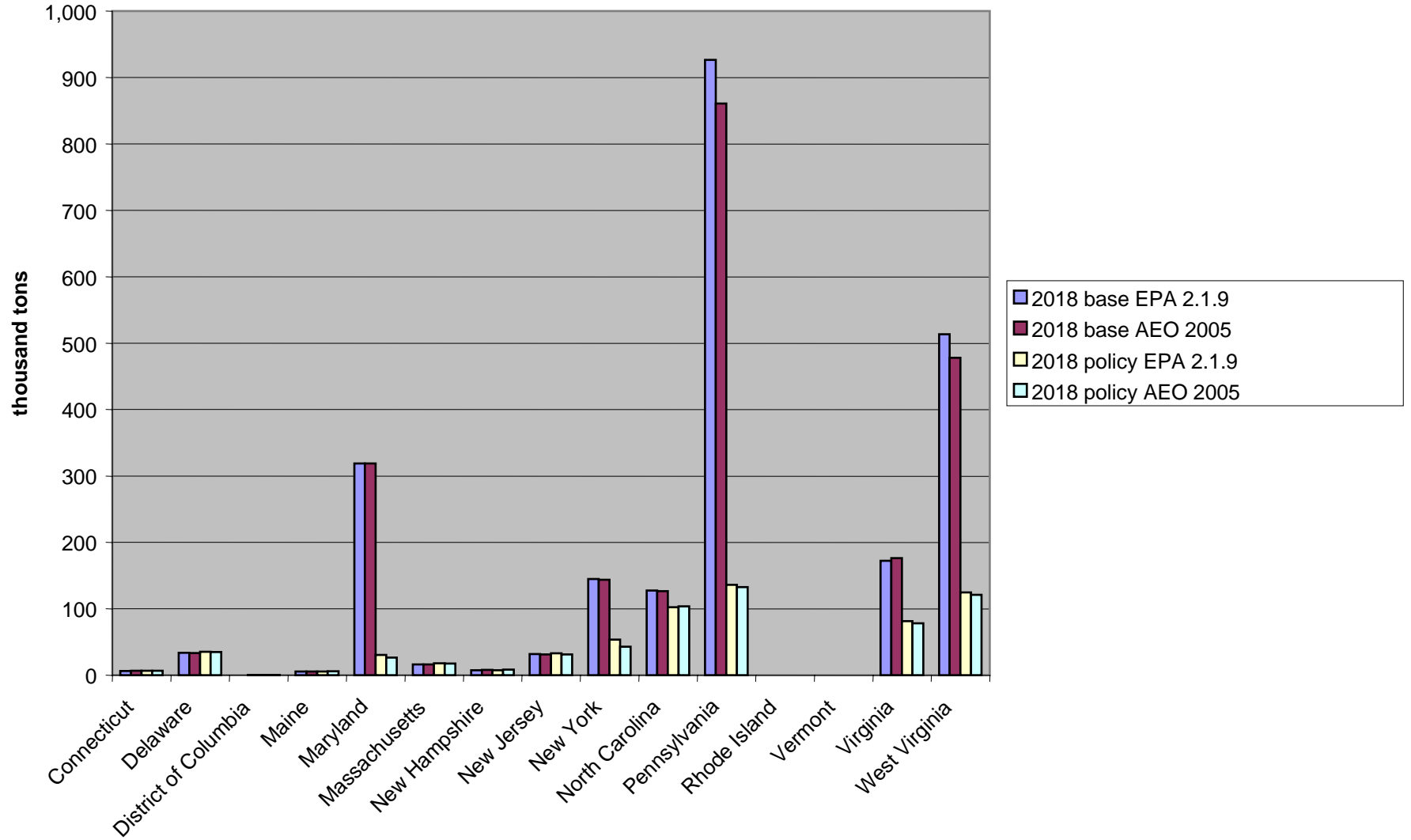
(from Greg Stella presentation)



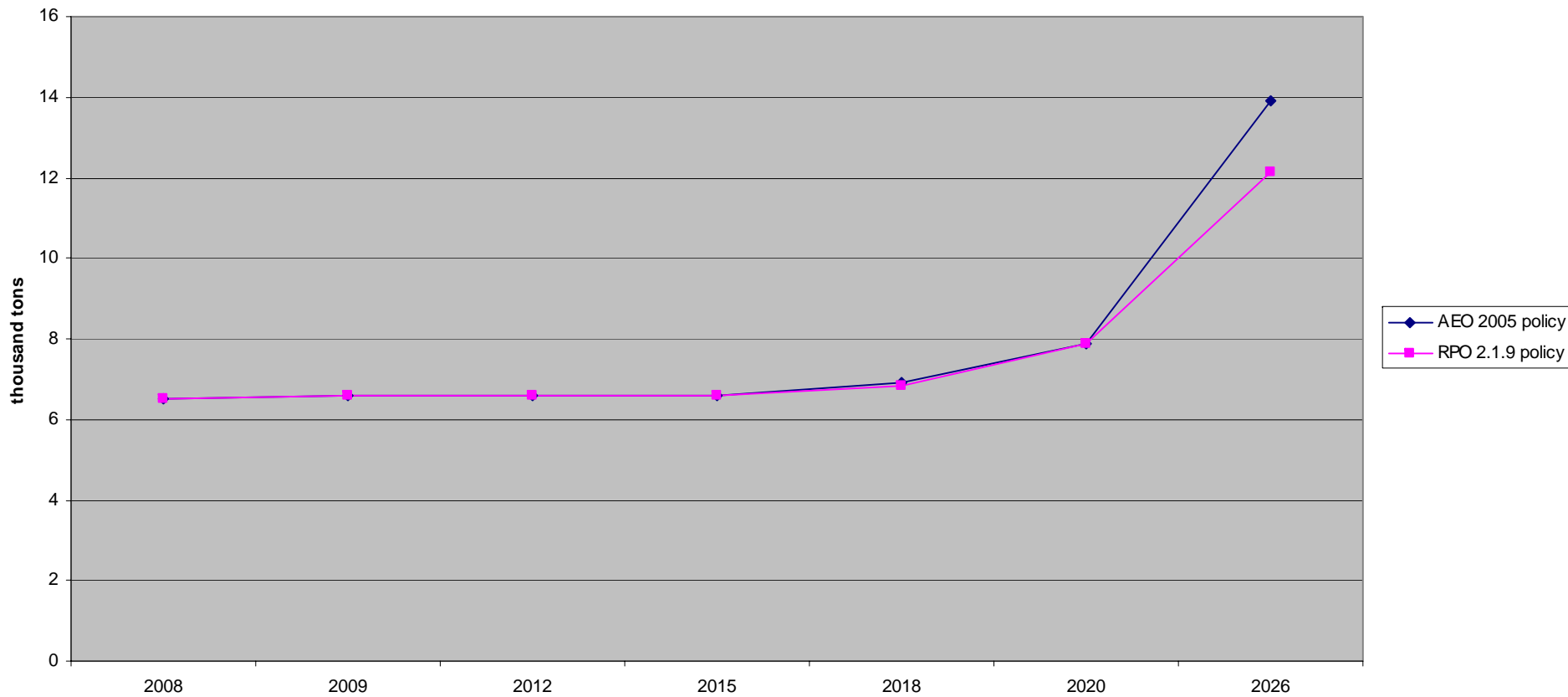
SO2 comparison of EGU emissions



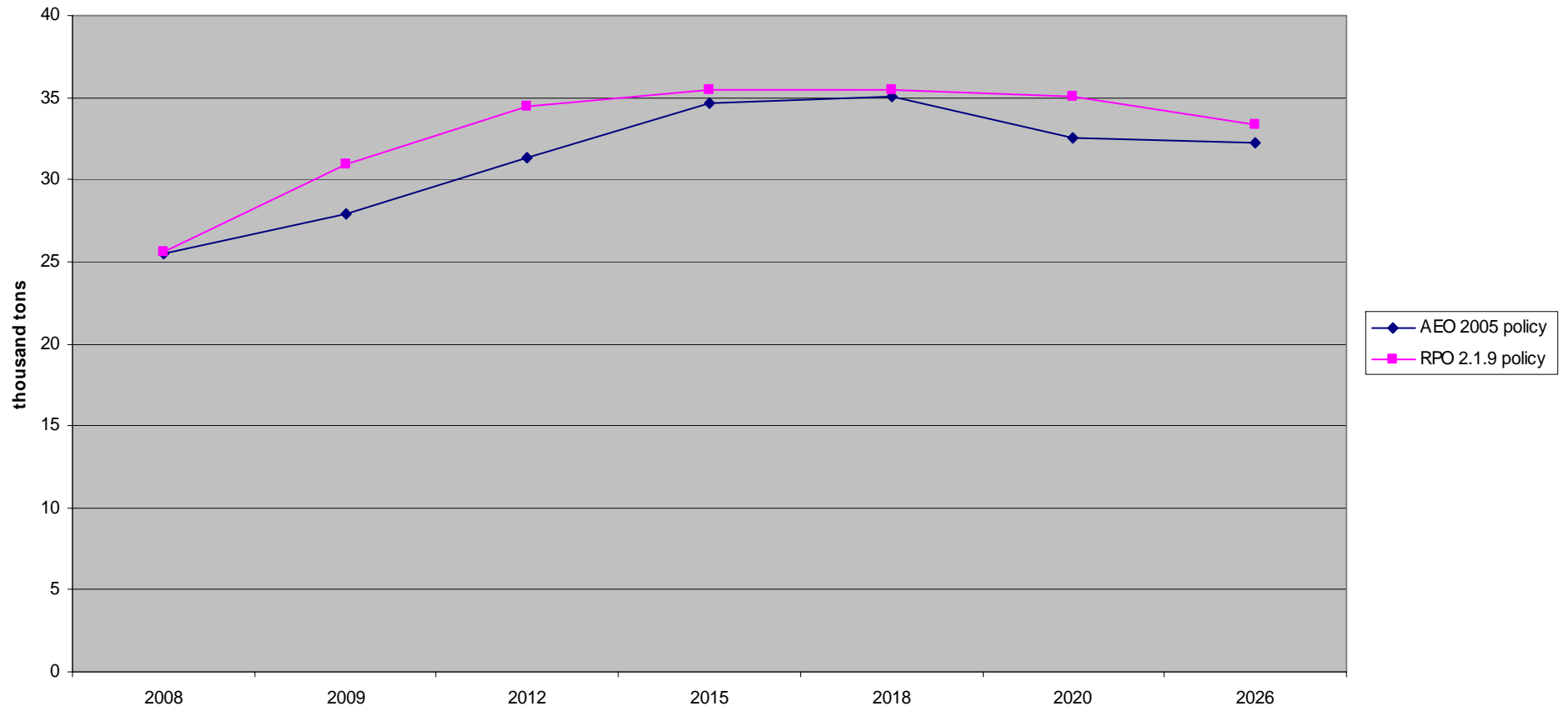
SO2 comparison for EGU emissions



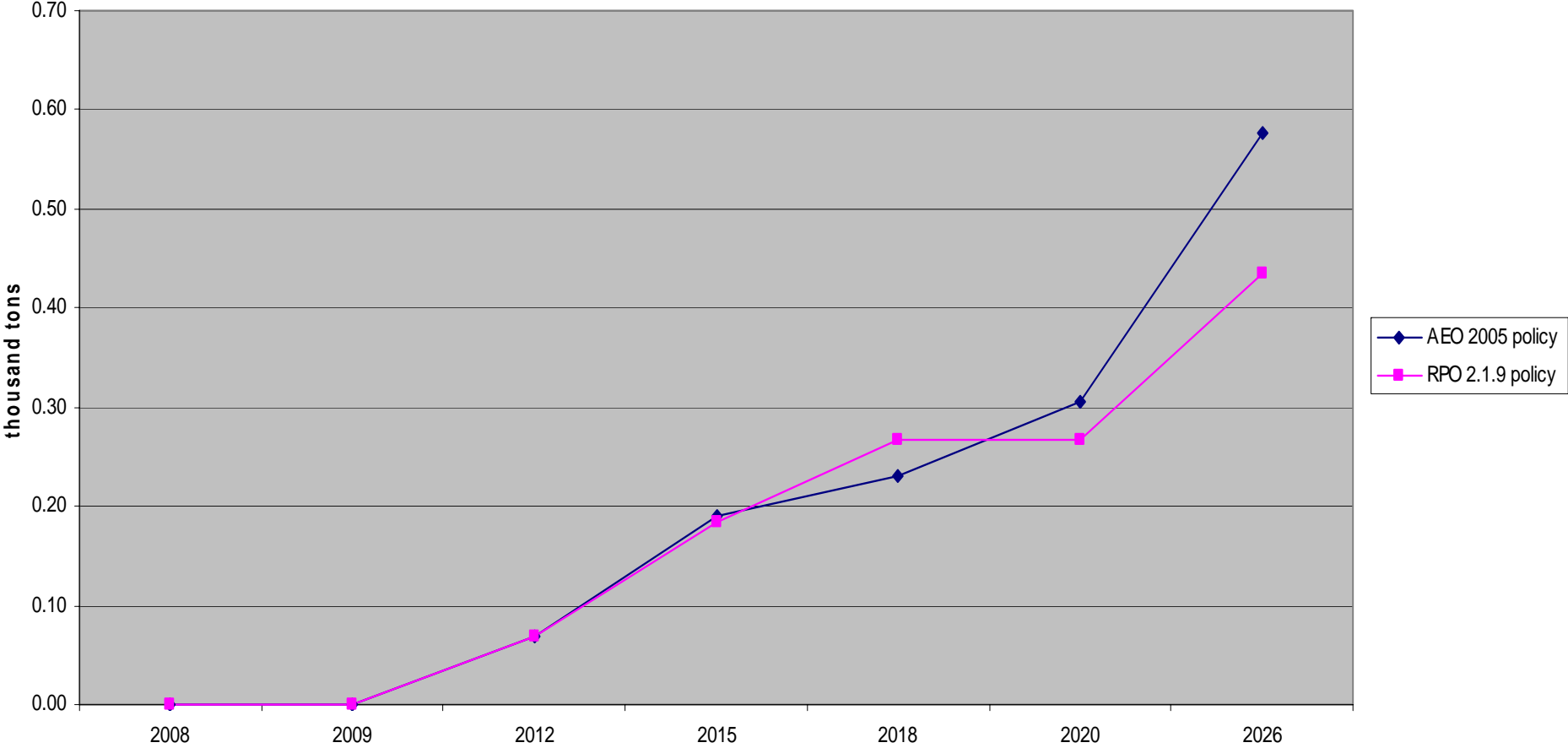
CT SO2 emissions from EGUs



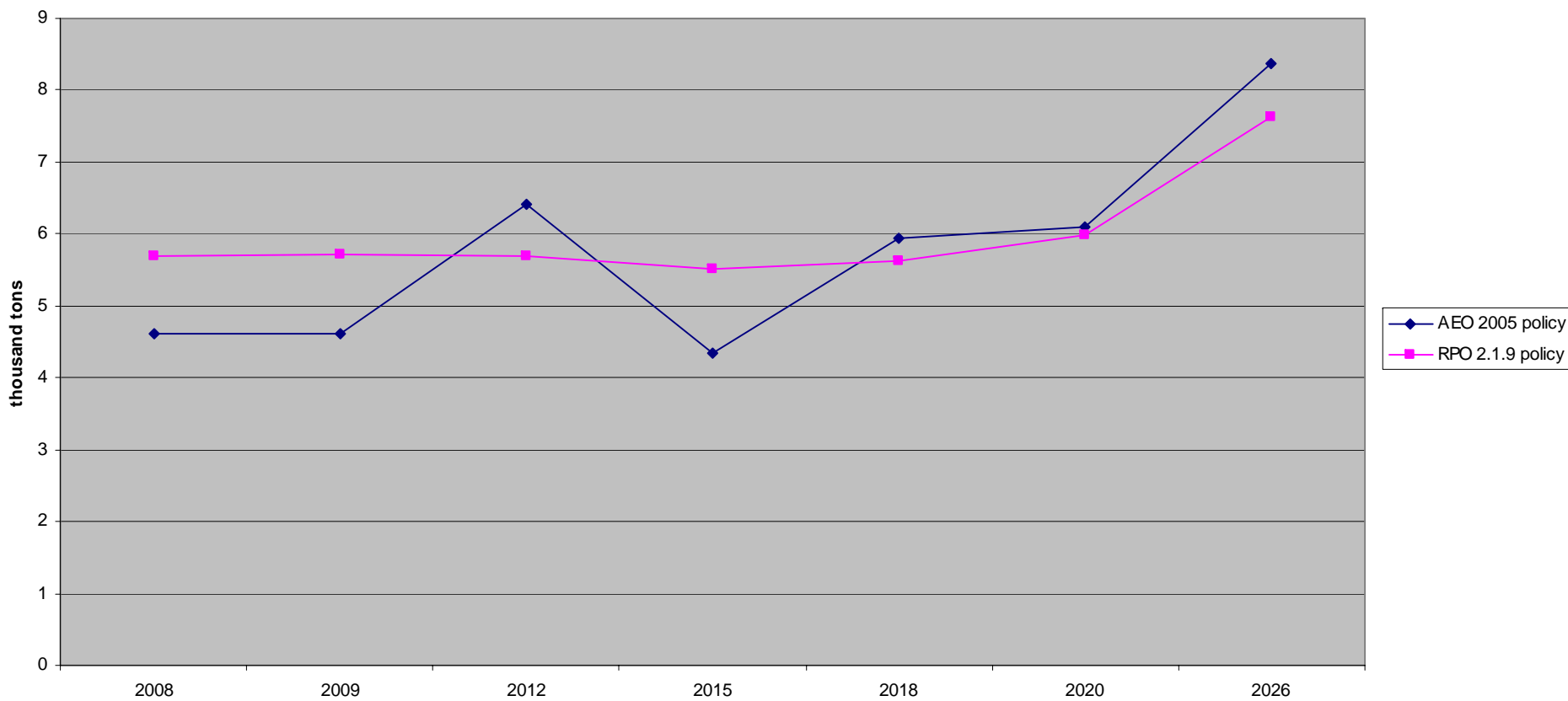
DE EGU SO2 emissions



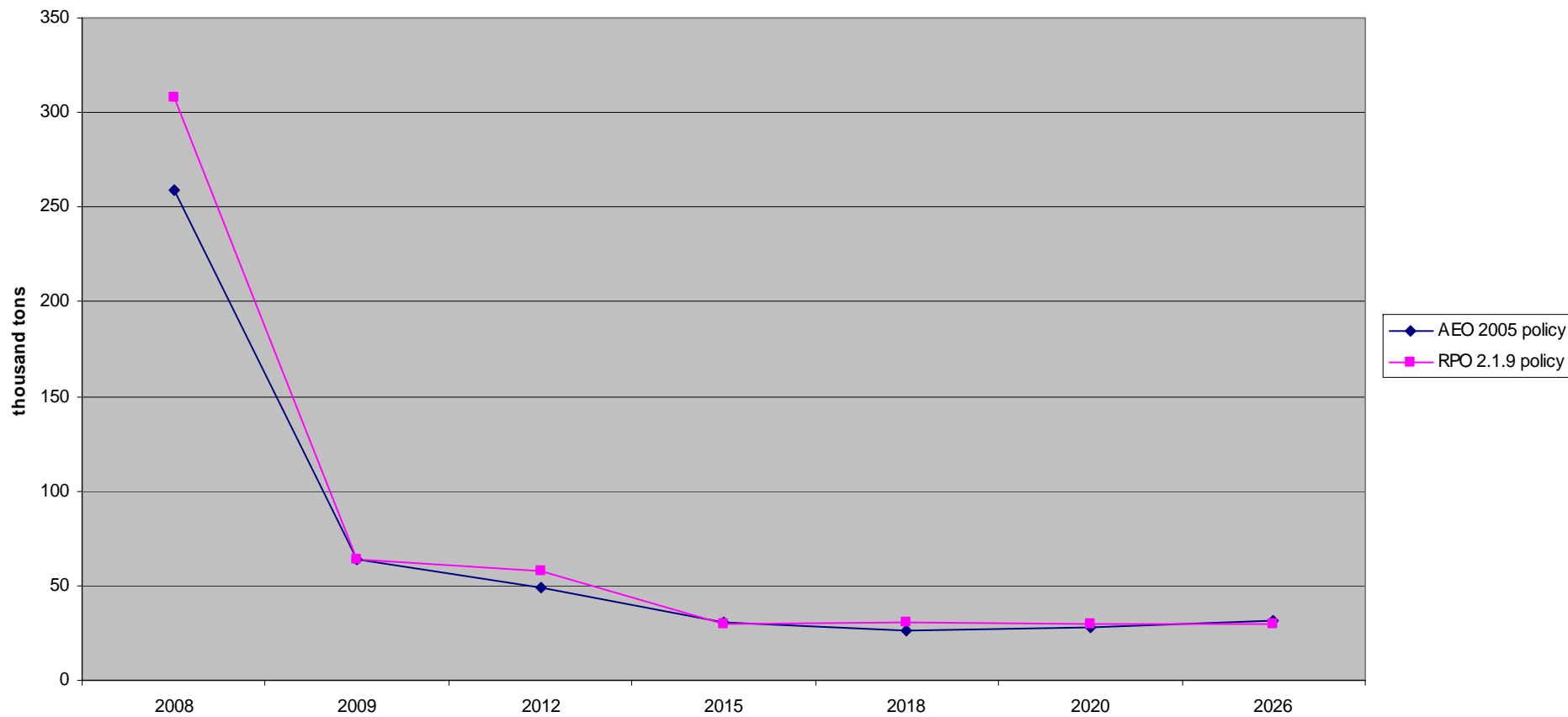
DC EGU SO2 emissions



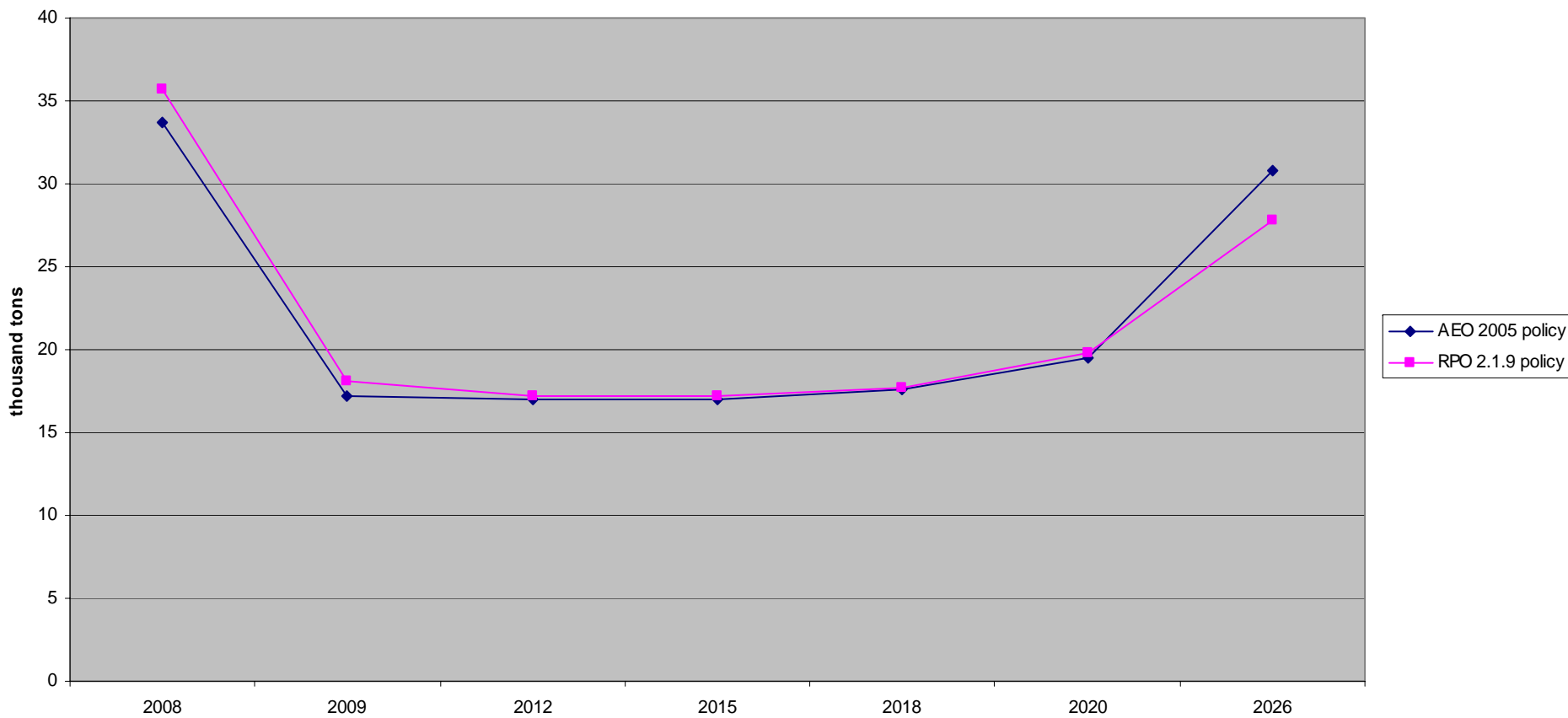
ME EGU SO2 emissions



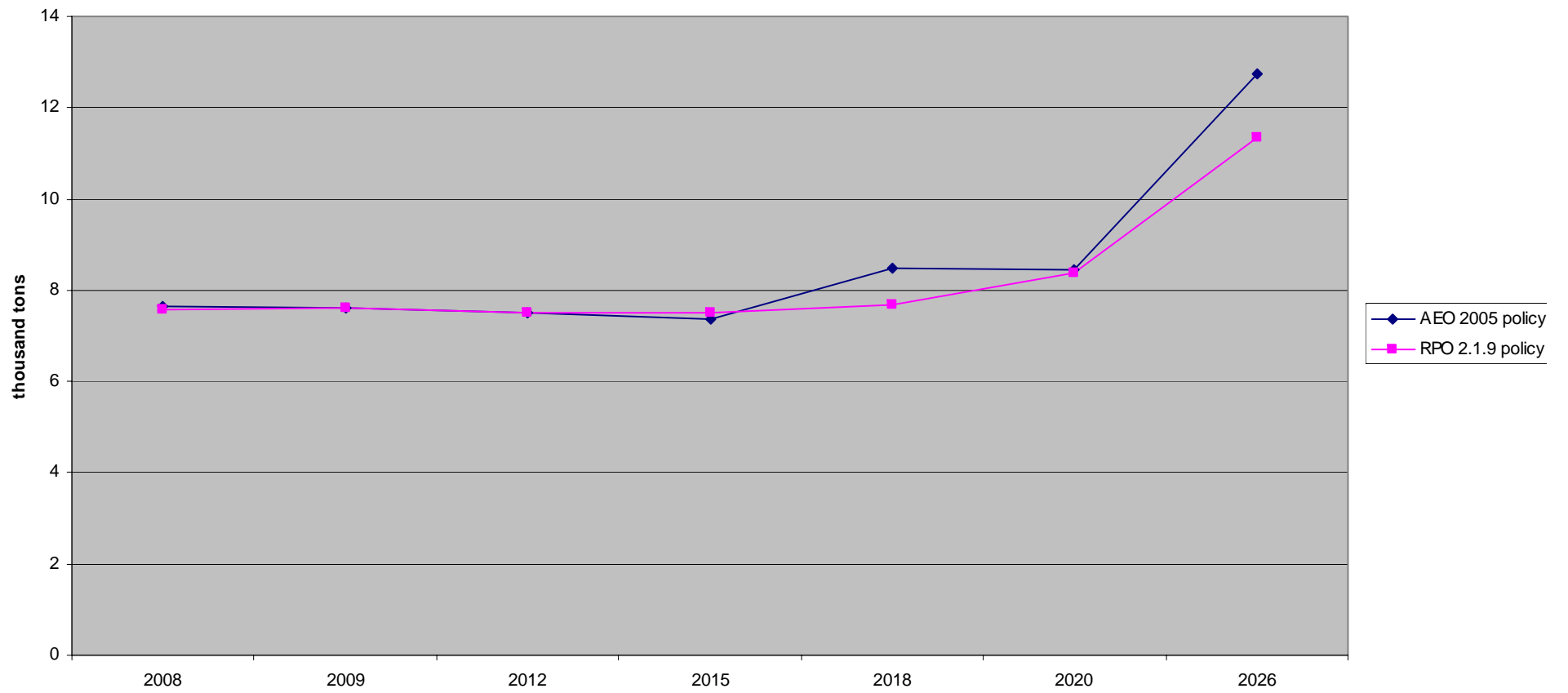
MD EGU SO2 emissions



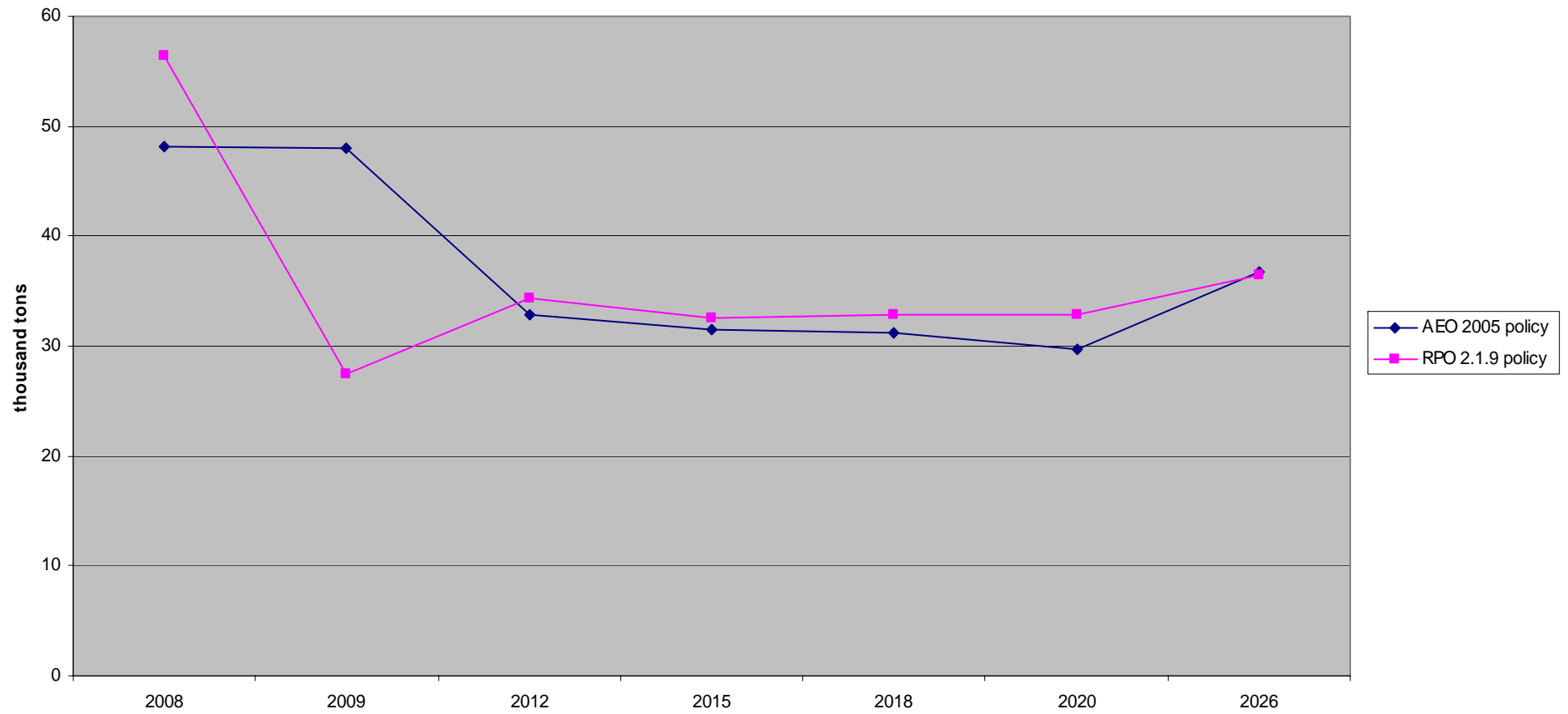
MA EGU SO2 emissions



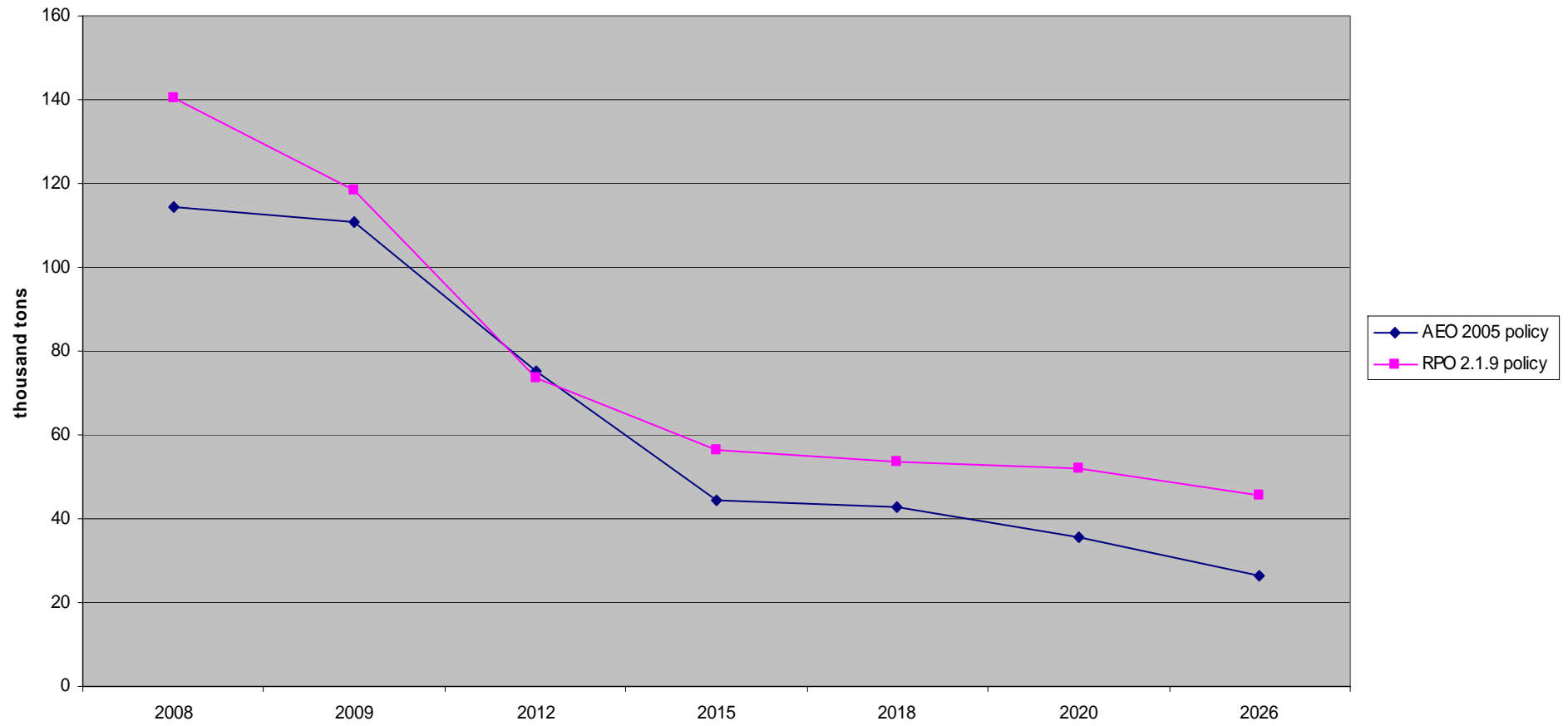
NH EGU SO2 emissions



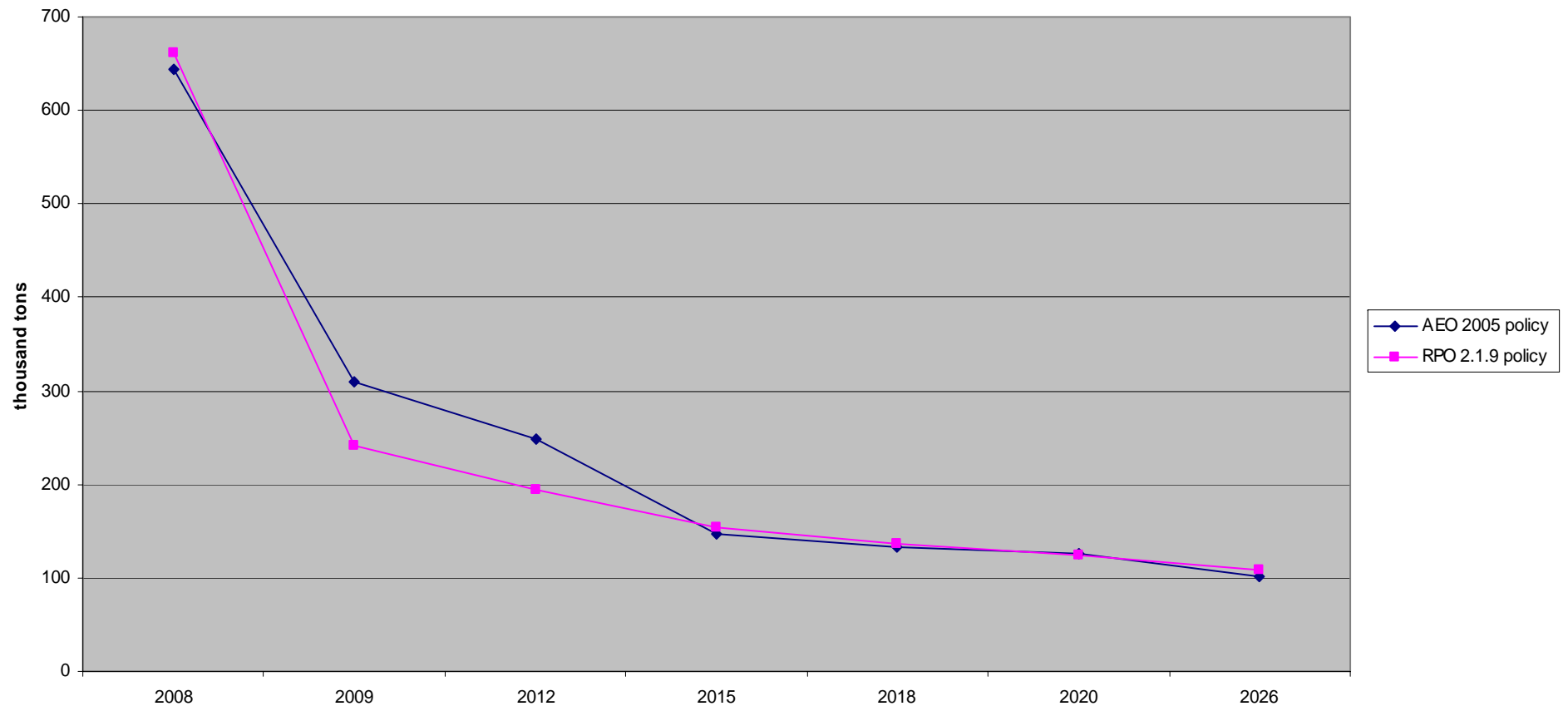
NJ EGU SO2 emissions



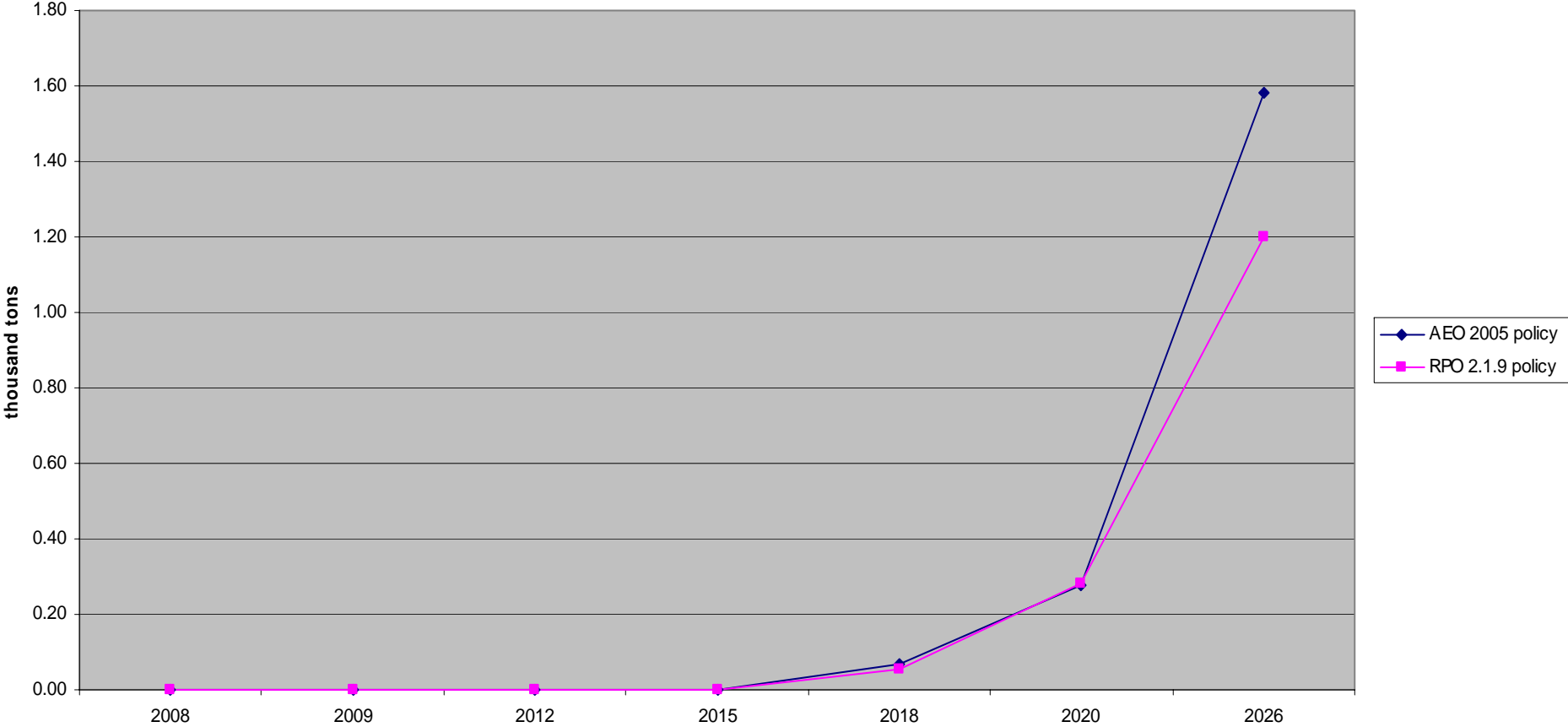
NY EGU SO2 emissions



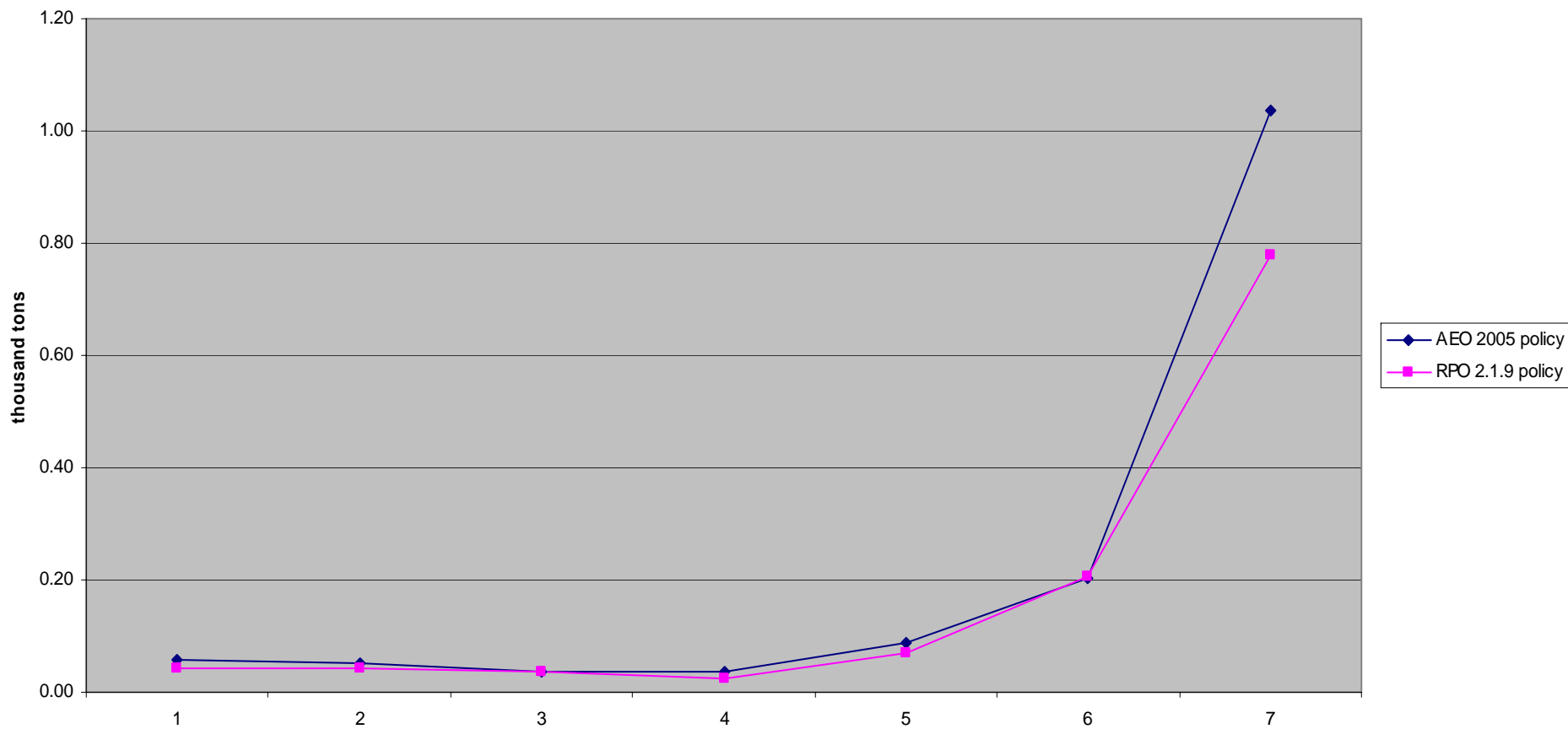
PA EGU SO2 emissions



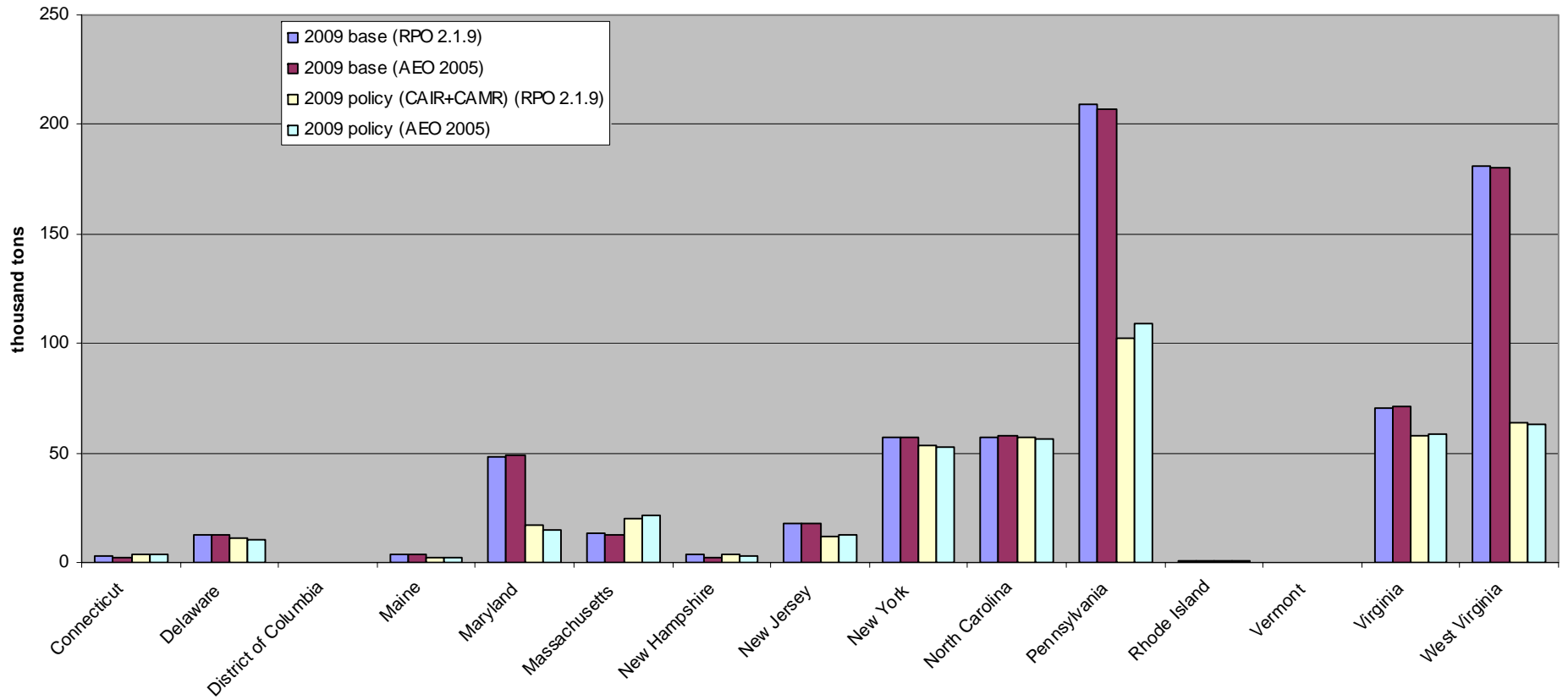
RI EGU SO2 emissions



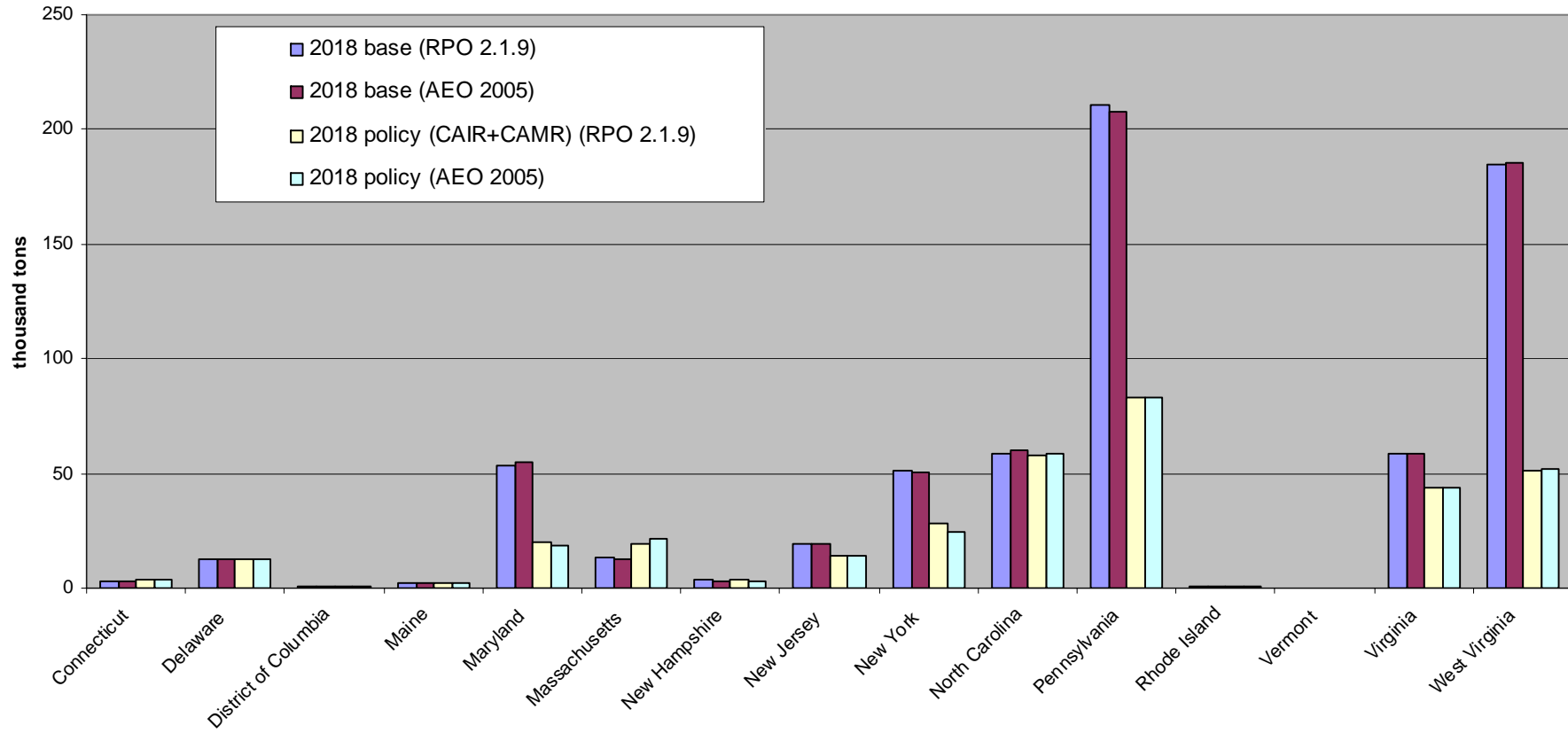
VT EGU SO2 emissions



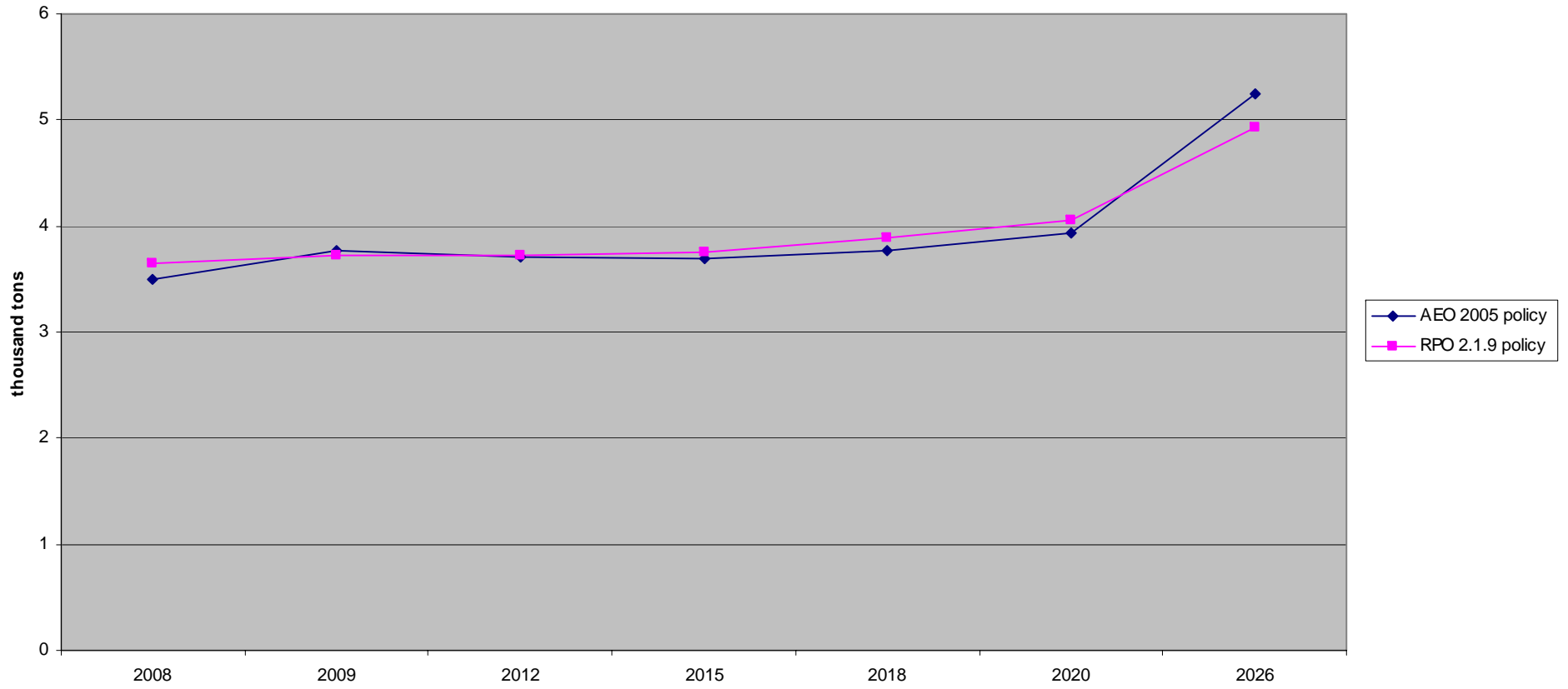
2009 EGU NOx emissions



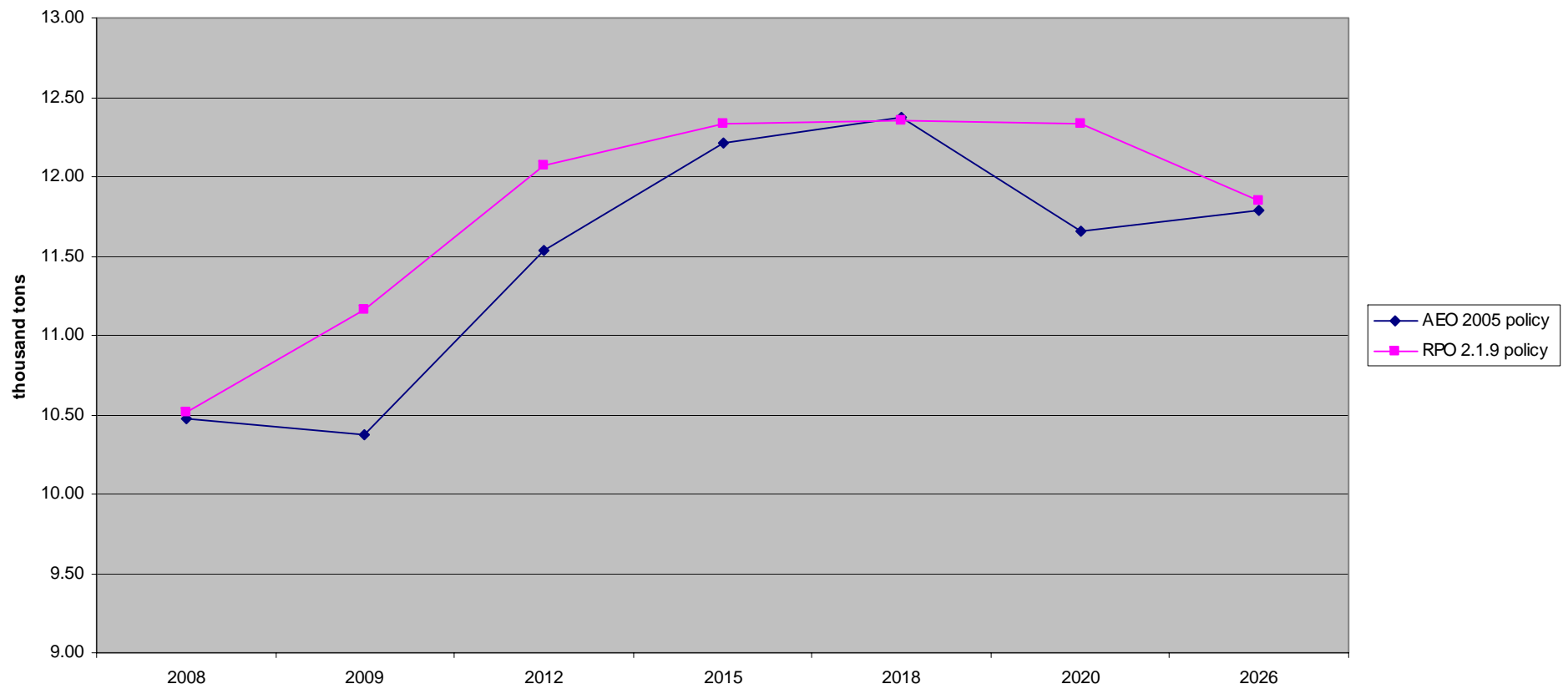
2018 EGU NOx emissions



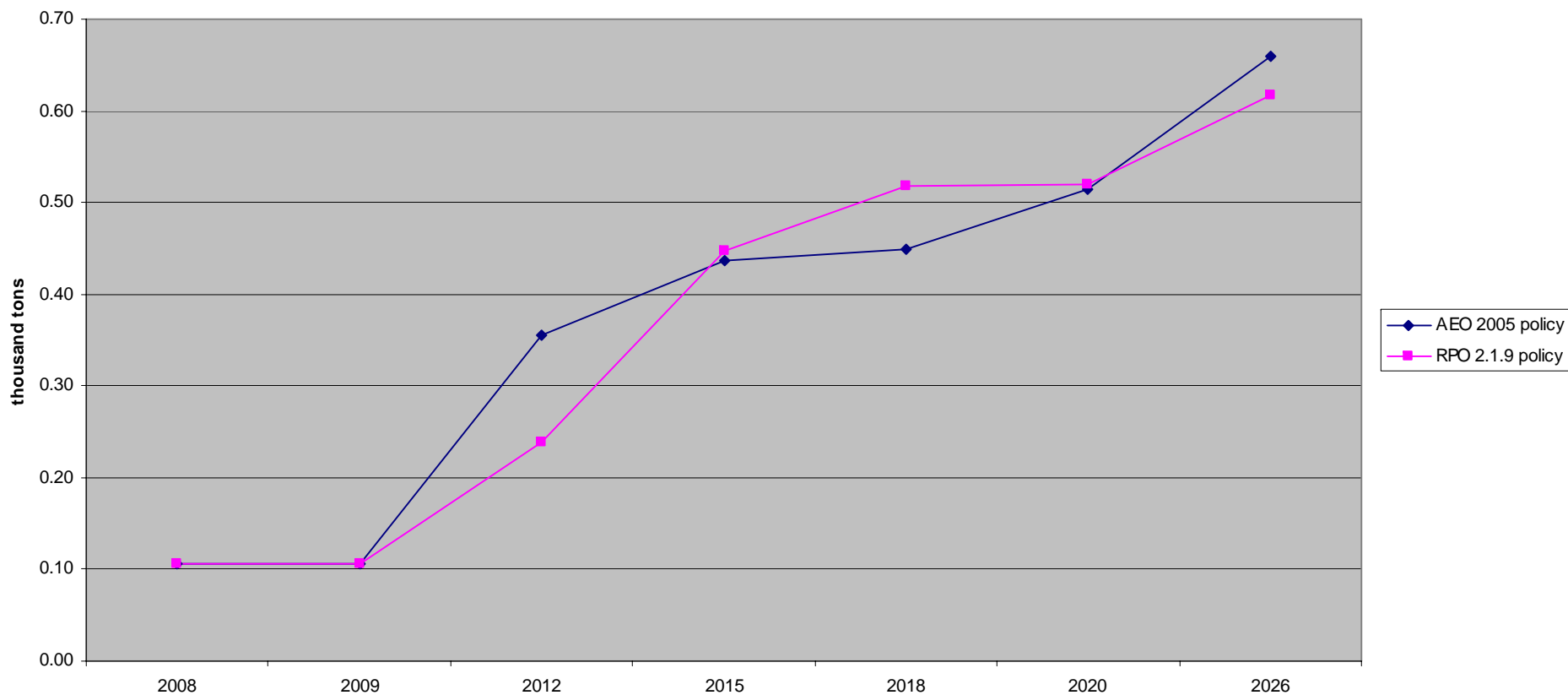
CT EGU NOx emissions



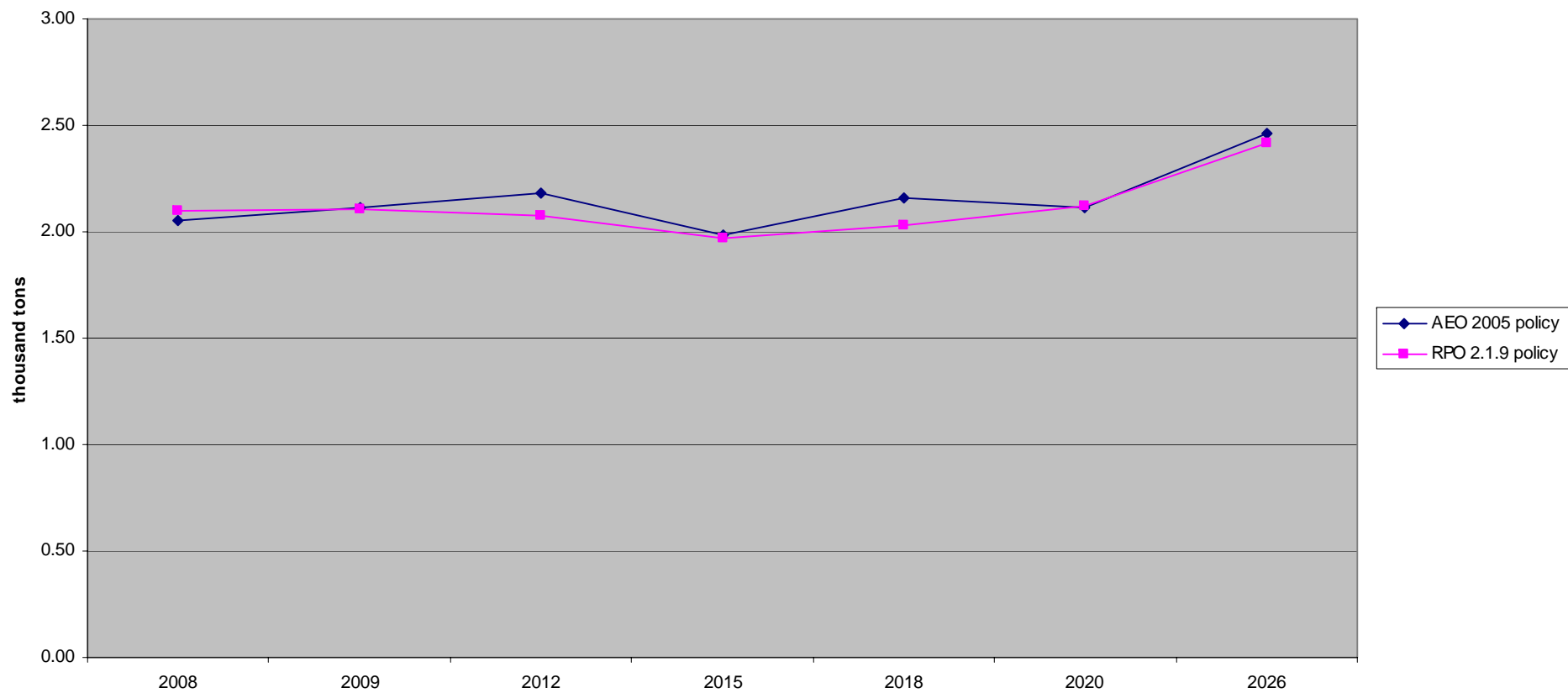
DE EGU NOx emissions



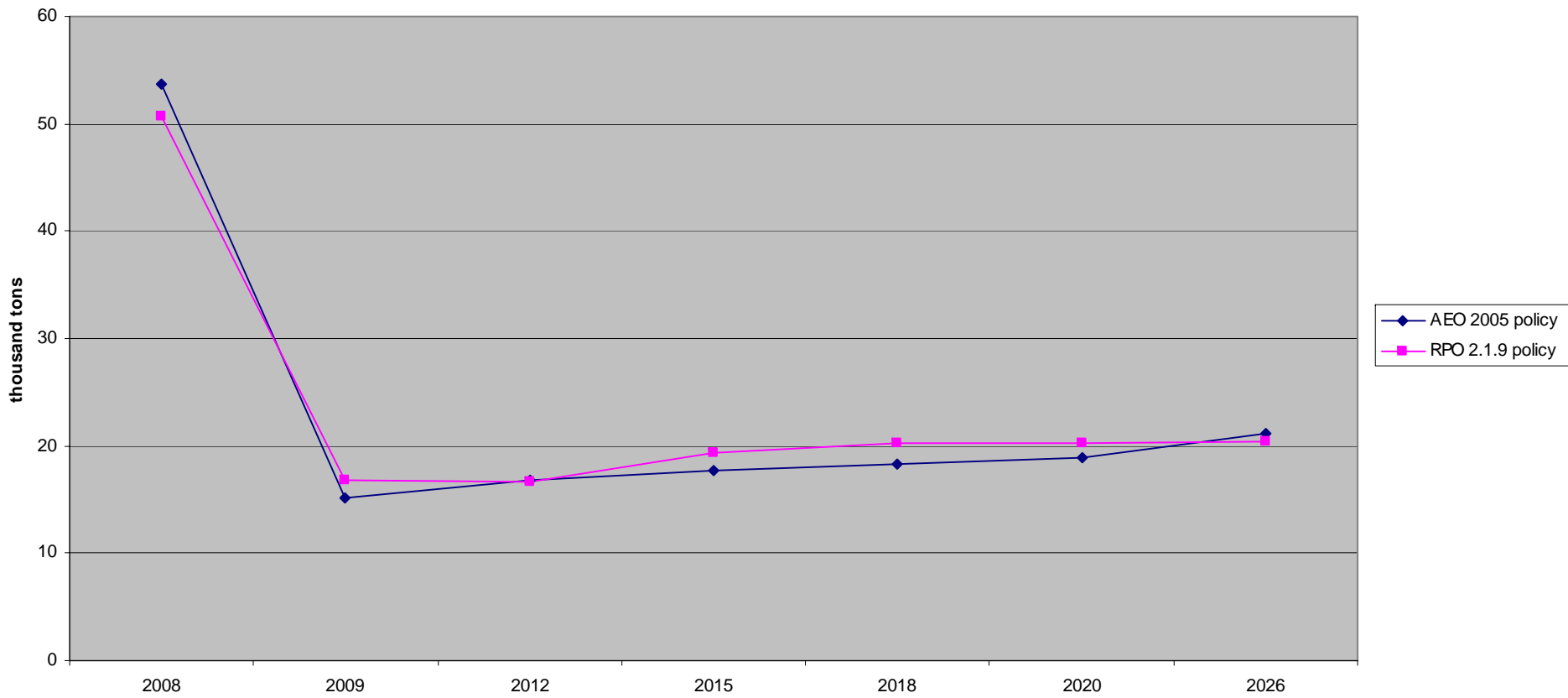
DC EGU NOX emissions



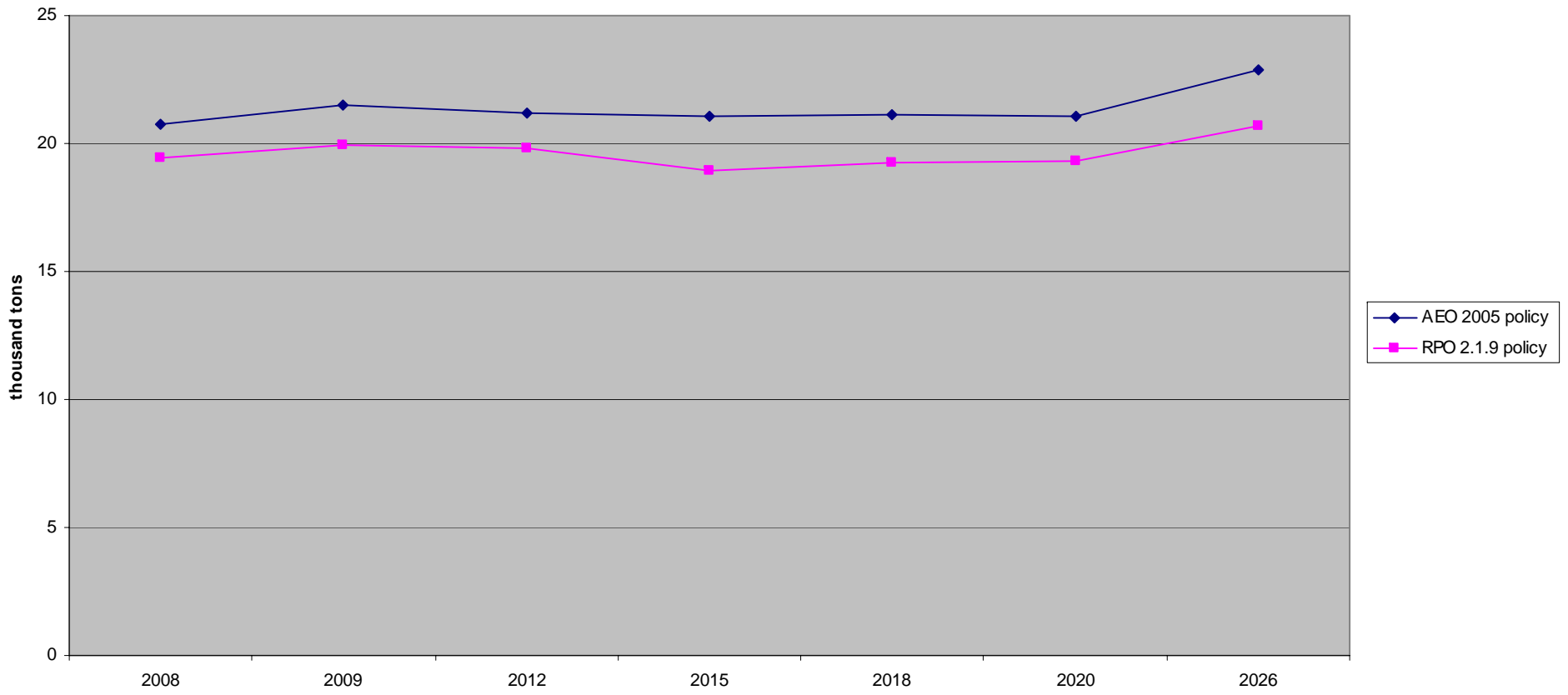
ME EGU NOx emissions



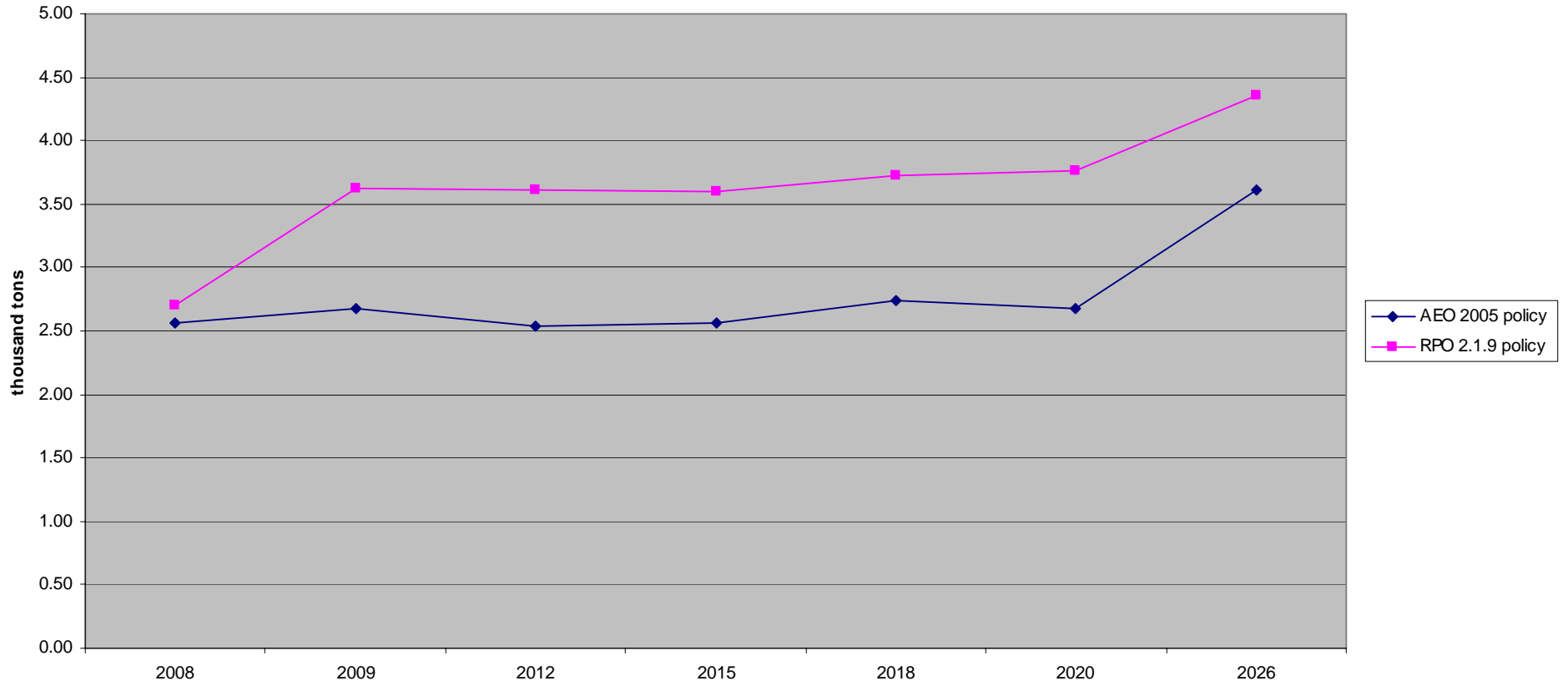
MD EGU NOx emissions



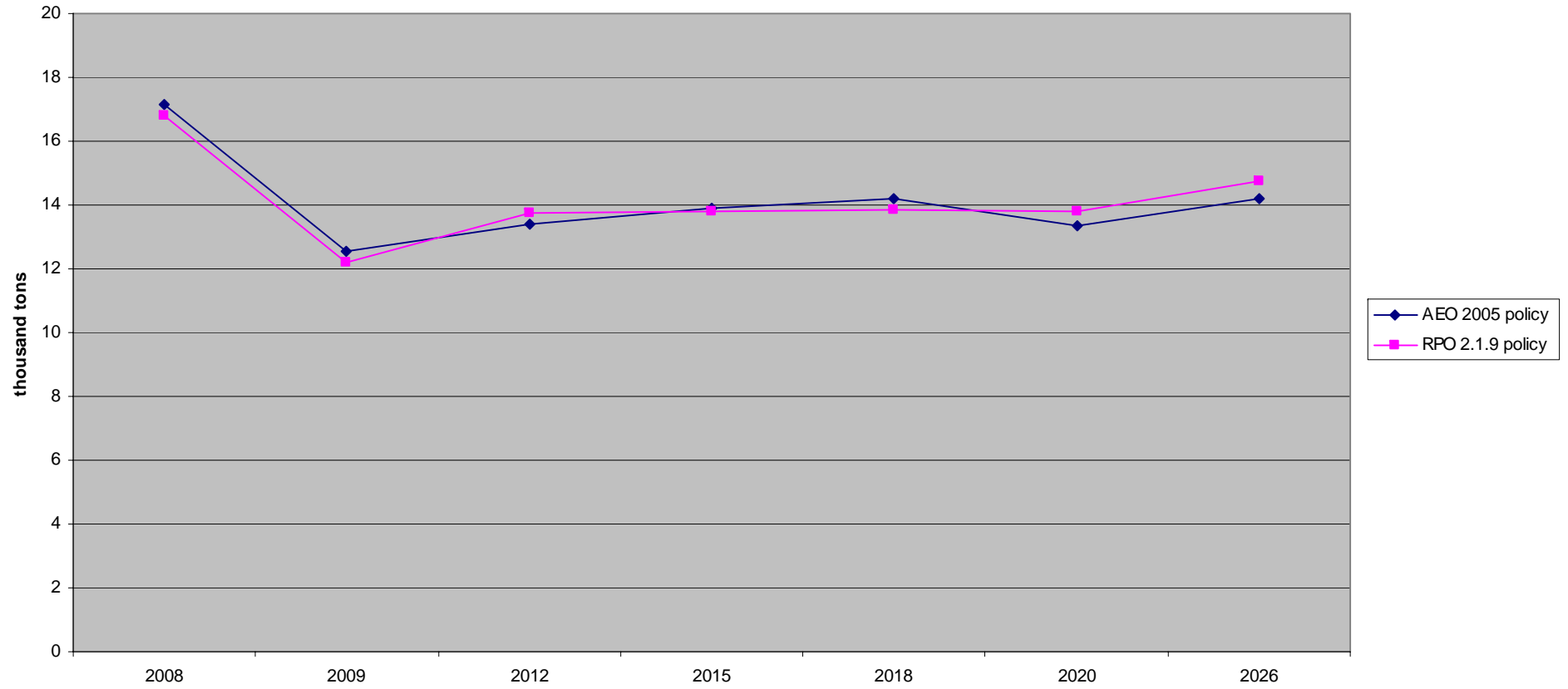
MA EGU NOx emissions



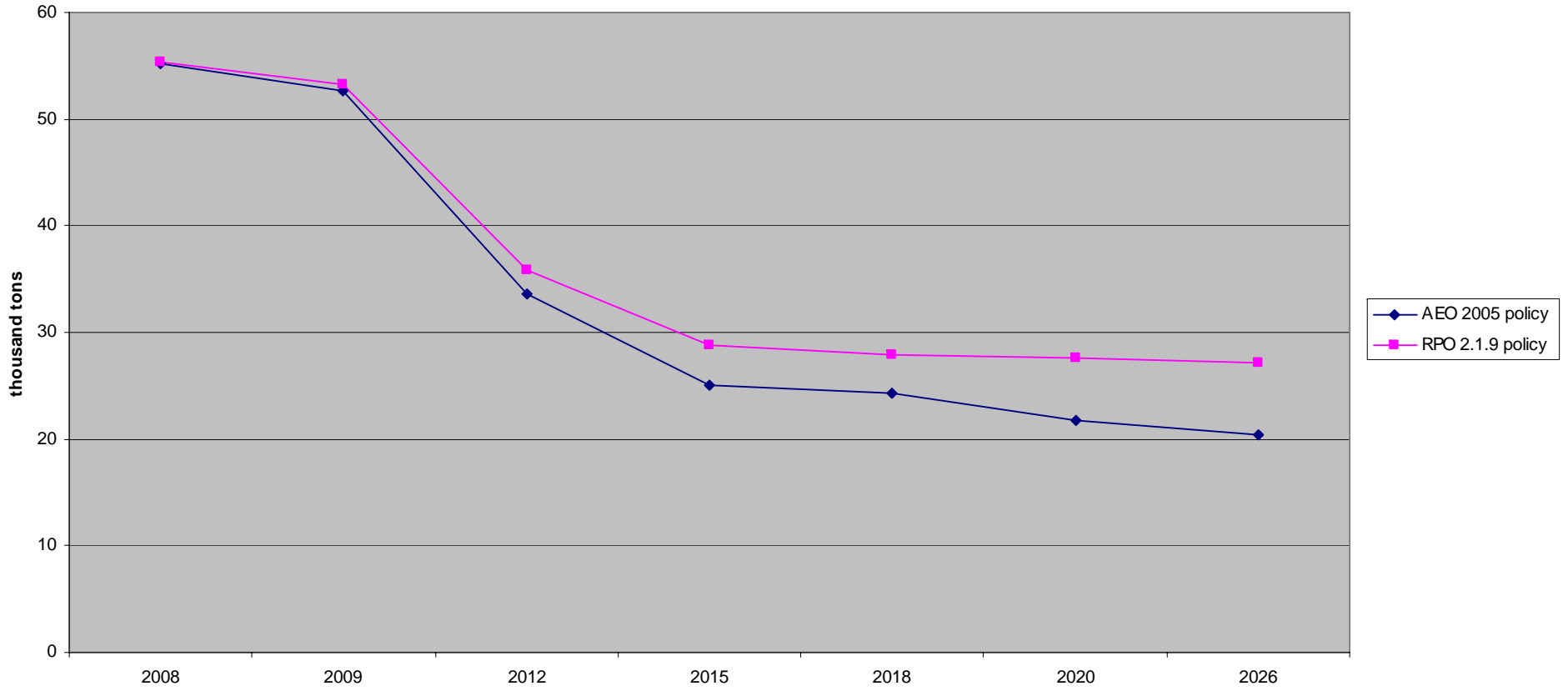
NH EGU NOx emissions



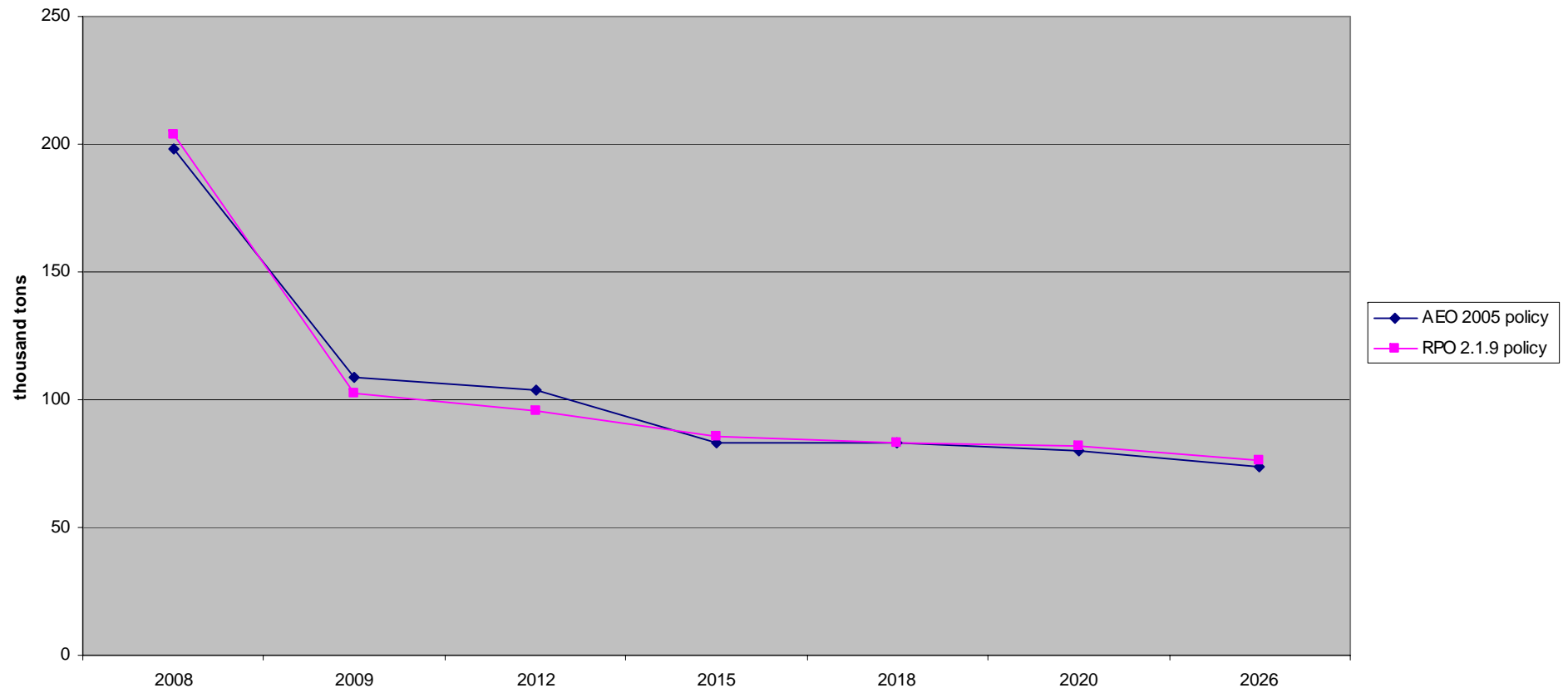
NJ EGU NOx emissions



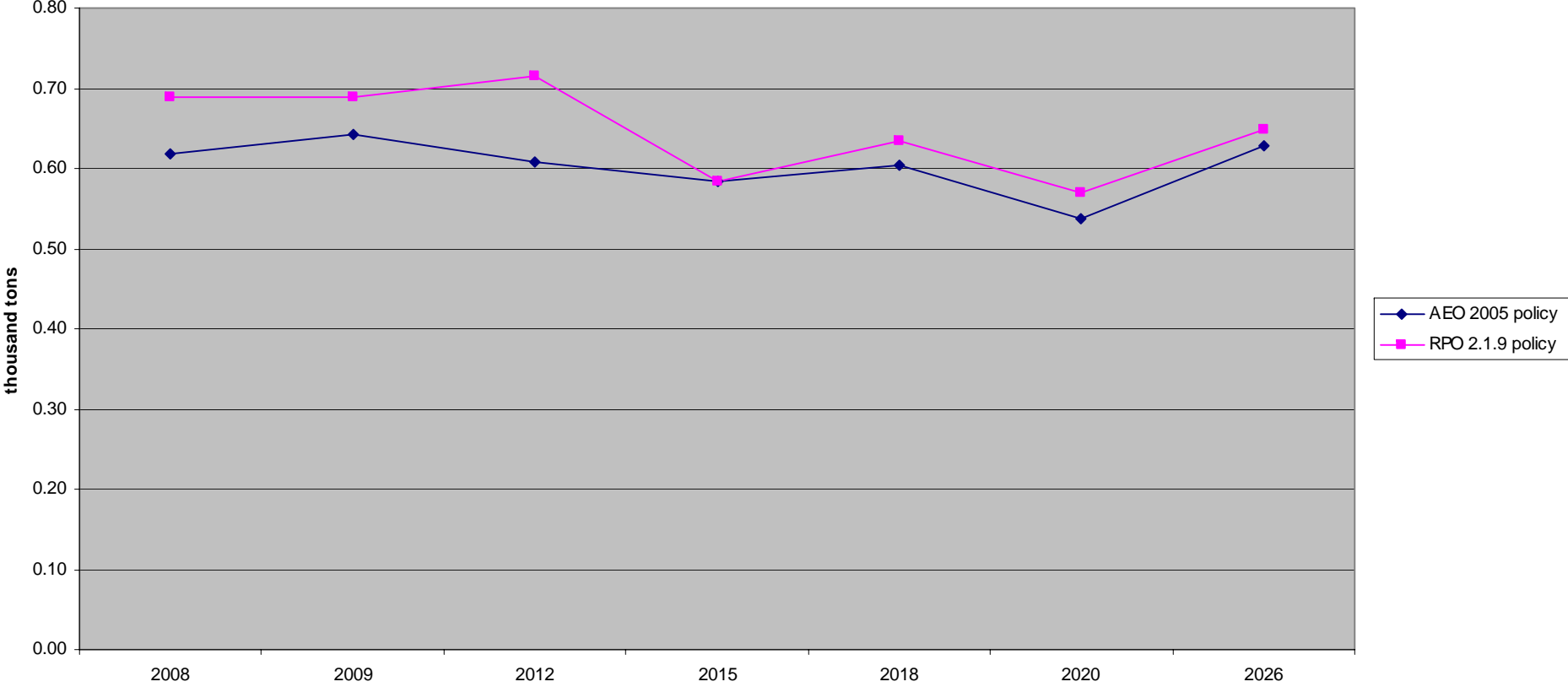
NY EGU NOx emissions



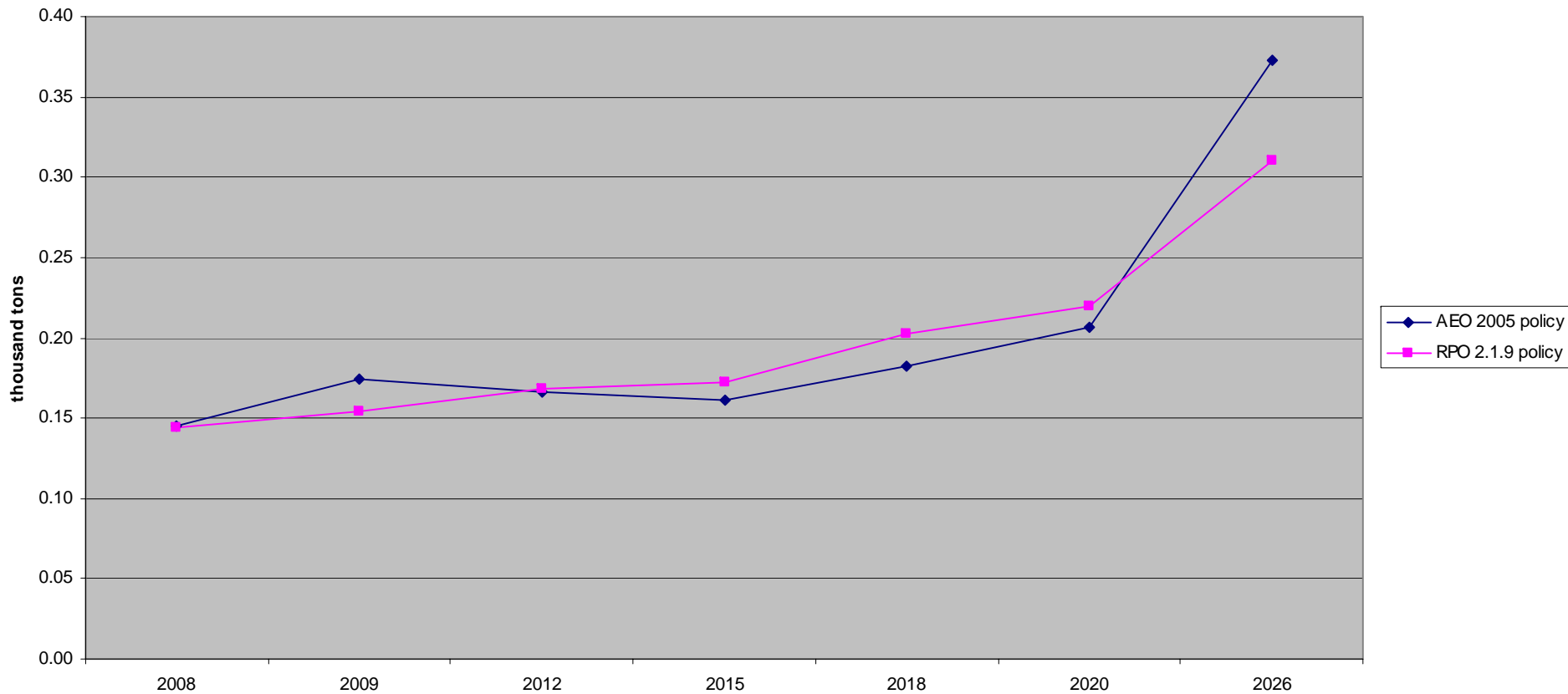
PA EGU NOx emissions



RI EGU NOx emissions



VT EGU NOx emissions



MANE-VU EGU NOx emissions

