



# Environmental Policy Analyst



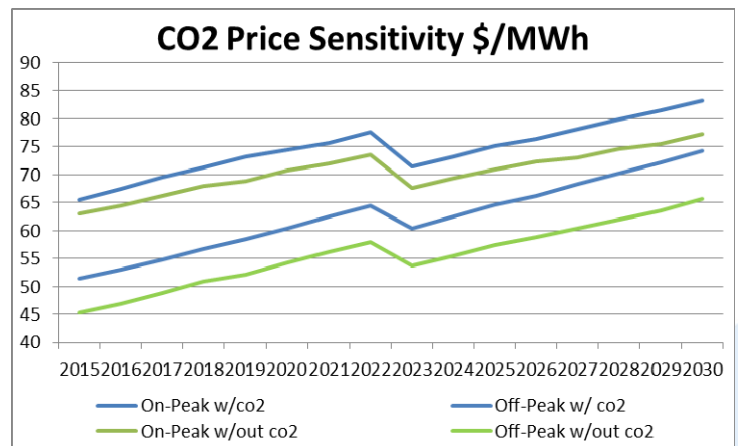
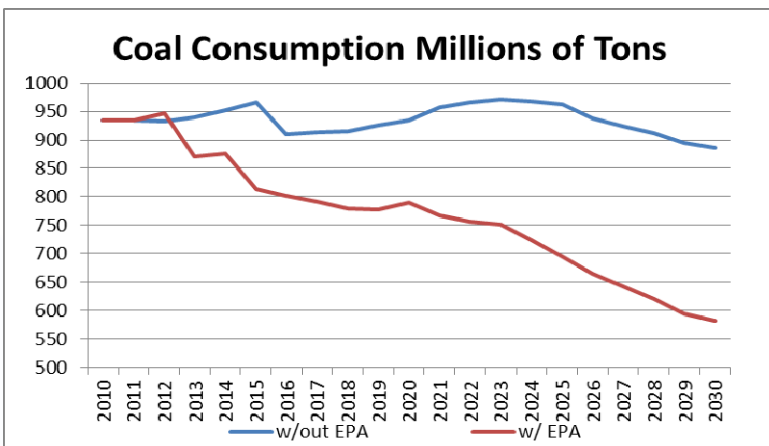
## AURORAxmp® for the Environmental Policy Analyst

*Exceptionally fast yet comprehensive and consistent.*

The uncertainty surrounding U.S. energy policy, or the lack of one, has caused greater volatility in the market. Rules and regulation, versus laws, are driving more of the energy policy. Lawmakers not wanting to be left out of the game have routinely attempted to craft legislation. Much of this legislation has focused on the power industry, since this sector is stationary and large, as compared to the disparate systems of the transportation sector. In order for legislation to pass, significant hurdles will need to be overcome. Legislators need to believe that robust analytical work has been done to prove that the positive benefits outweigh the likely cost of change.

AURORAxmp is the tool to fully comprehend the cost/benefit of various potential laws and/or regulations for the power industry. Environmental policy, by its nature, requires a multi-decade view. In addition, the interdependencies within the energy sector require an iterative process to produce a fundamentally sound and cohesive analysis. The long term and iterative nature of the analysis underscores the importance of speed when it comes to modeling. AURORAxmp is the fastest and most comprehensive power model on the market. 35 year studies and 8760 hour annual runs can be produced within a day.

Within a week, a potential policy (e.g. carbon, electric vehicle, renewable portfolio standard (RPS) etc..) impact study can be completed with results ranging from retirements, new builds, to expected carbon price to achieve targets. The amount of policy change insights one can obtain from AURORAxmp is almost limitless.

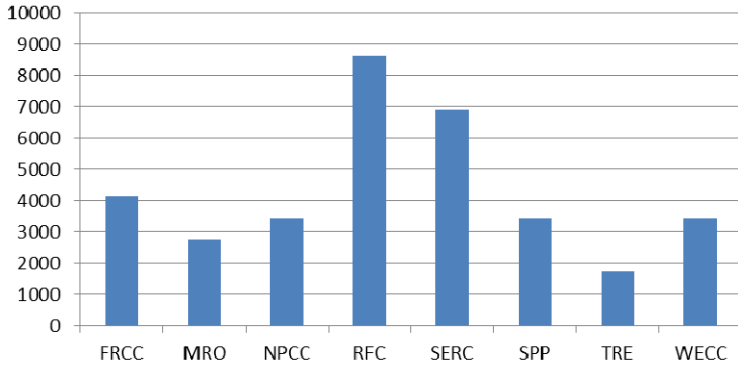




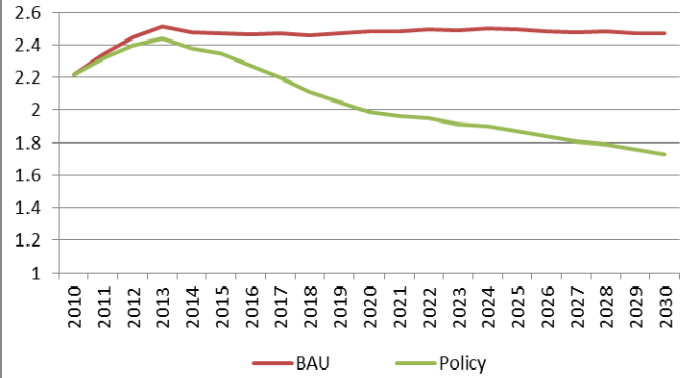
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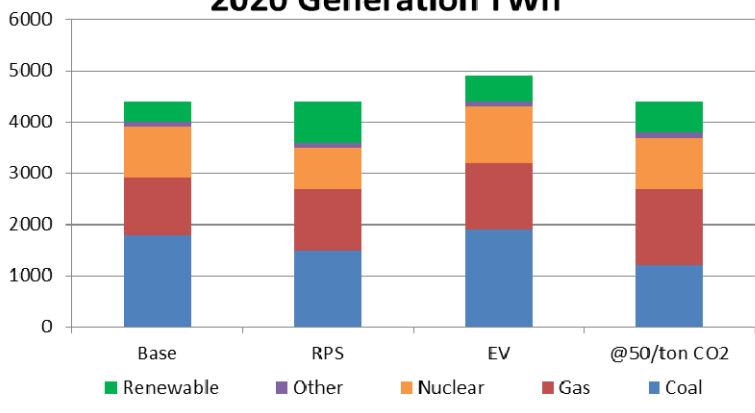
### Coal Retirement MW



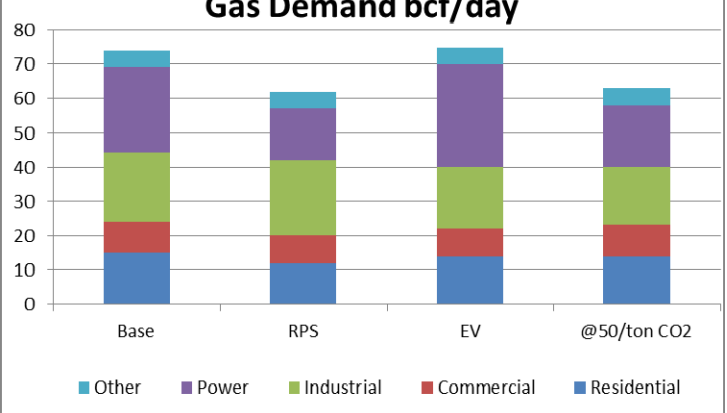
### CO2 Emission from Power Sector (Gt)



### 2020 Generation TWh



### Gas Demand bcf/day



AURORA xmp offers you a complete database of around 14,000 units for the North American market each with over 90 attributes within your control. These attributes cover the range from physical characteristics (e.g. capacity, heat rate) to performance characteristics (e.g. bidding blocks, outage schedule).

The database is updated twice a year for you. We are continually adding new resources including wind and solar as information becomes available. Without running the model you can already produce significant insights from the database, which includes the amount of renewable capacity to identifying the age of the coal fleet.

The power is in YOUR hands with **AURORA xmp**