

Figure 1.1 Modeling and Data Structure for EPA Base Case 2006

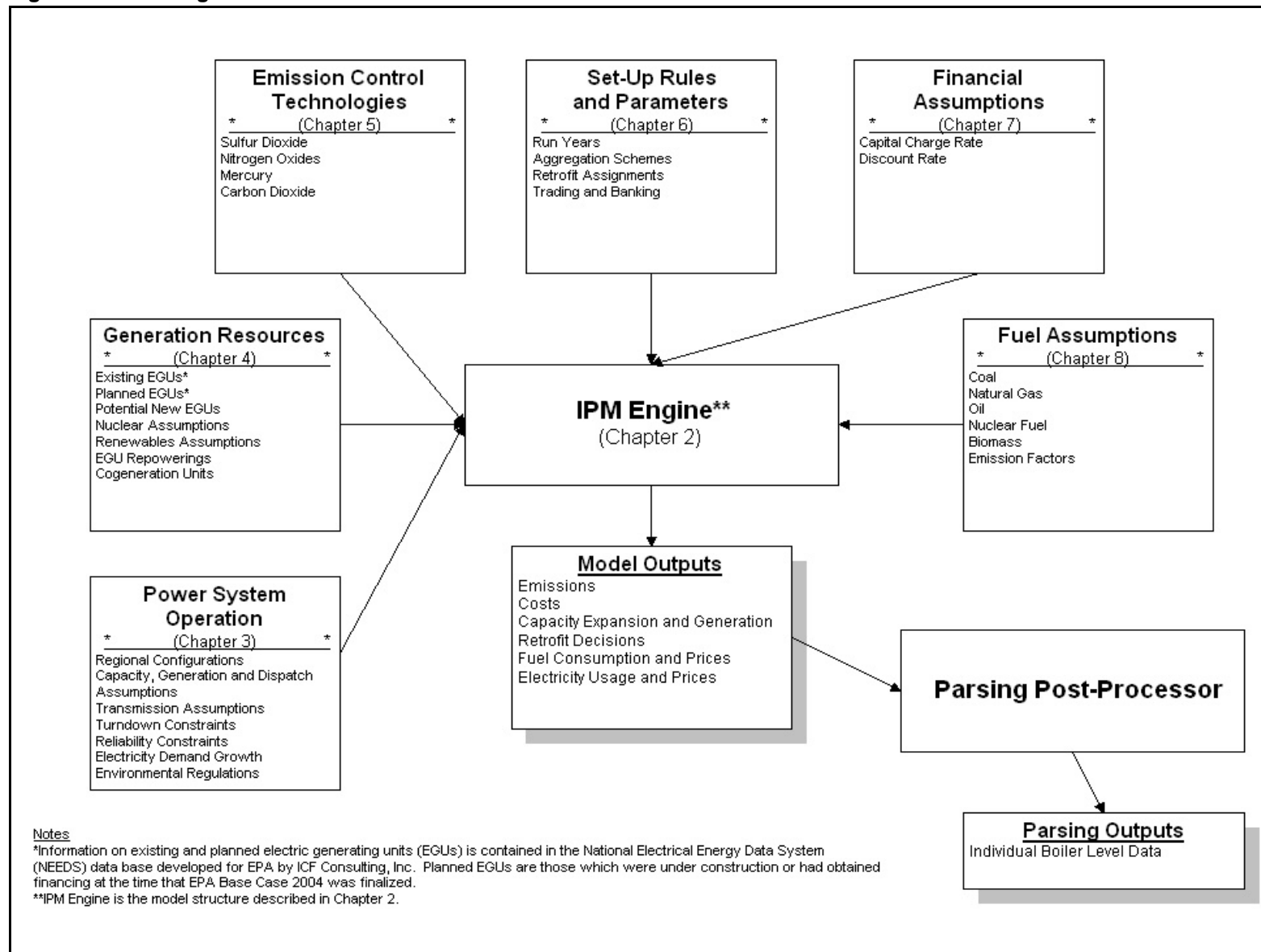


Table 1.1. Plant Types in EPA Base Case 2006

Fossil Fuel Fired	Renewables and Non-Conventional Technologies
Coal steam Oil/gas steam Combustion turbine Combined-cycle combustion turbine Integrated gasification combined-cycle (IGCC) coal Fluidized Bed Combustion Cogeneration units Repowered units	Hydropower Pumped storage Biomass IGCC Wind Fuel cells Solar photovoltaics Solar thermal Geothermal Landfill gas Other ¹
Non-Fossil Fuel Fired	
Nuclear	

¹Includes fossil and non-fossil waste plants.

Table 1.2. Emission Control Technologies in EPA Base Case 2006

Sulfur Dioxide (SO₂)	Nitrogen Oxides (NO_x)
Limestone Forced Oxidation (LSFO) Lime Spray Dryer (LSD)	Combustion controls Selective catalytic reduction (SCR) Selective non-catalytic reduction (SNCR)
Mercury (Hg)	
Combinations of SO ₂ , NO _x , and particulate control technologies Activated carbon injection	