

1 Introduction

- Background
- why coal is a problem

1.1 Falling short of Climate Targets

- Establish that Coal will not retire on time (what are the goals and why won't it be hit if left on its own)
- ie if left on its own why won't it speed up (qualitative argument)
- remove timeline figure

1.2 The Complexities of Coal Plant retirement

Why is our method (not to be discussed here) necessary

1.2.1 Impacting factors for Coal Plants (why look at all the columns)

- technology, finance, health, age, geographical location ... all impact
- **Similar coal plants (along these data fields) are assumed to respond similarly to strategies**

1.2.2 Changing Retirement Landscape

- Can't use past data
- prediction becomes difficult (add in curse of dimensionality)

1.3 A Guidebook for Strategizing Coal Plant Retirement

1.3.1 Why we need localized strategy

- Rather than predicting timelines (which is hard enough not to try), let's look at groups of similar coal plants to formulate a plan to retire coal
- Introduce that there are only a few feasible strategies for shutting down coal plants
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