



- Coal is Lowest Cost Fuel ~ \$4/MMBtu
  - \$7 to \$10/MMBtu natural gas now
  - \$20 to \$35/MMBtu diesel
  - Imported LNG \$15 to \$25 /MMBtu <sup>2</sup>
- Coal Supply Local and Abundant
- With CCS, Coal CO<sub>2</sub> emissions:
  - Half to quarter that of natural gas
  - Half of wind power supported with natural gas power
- With CCS, biomass-coal net-negative

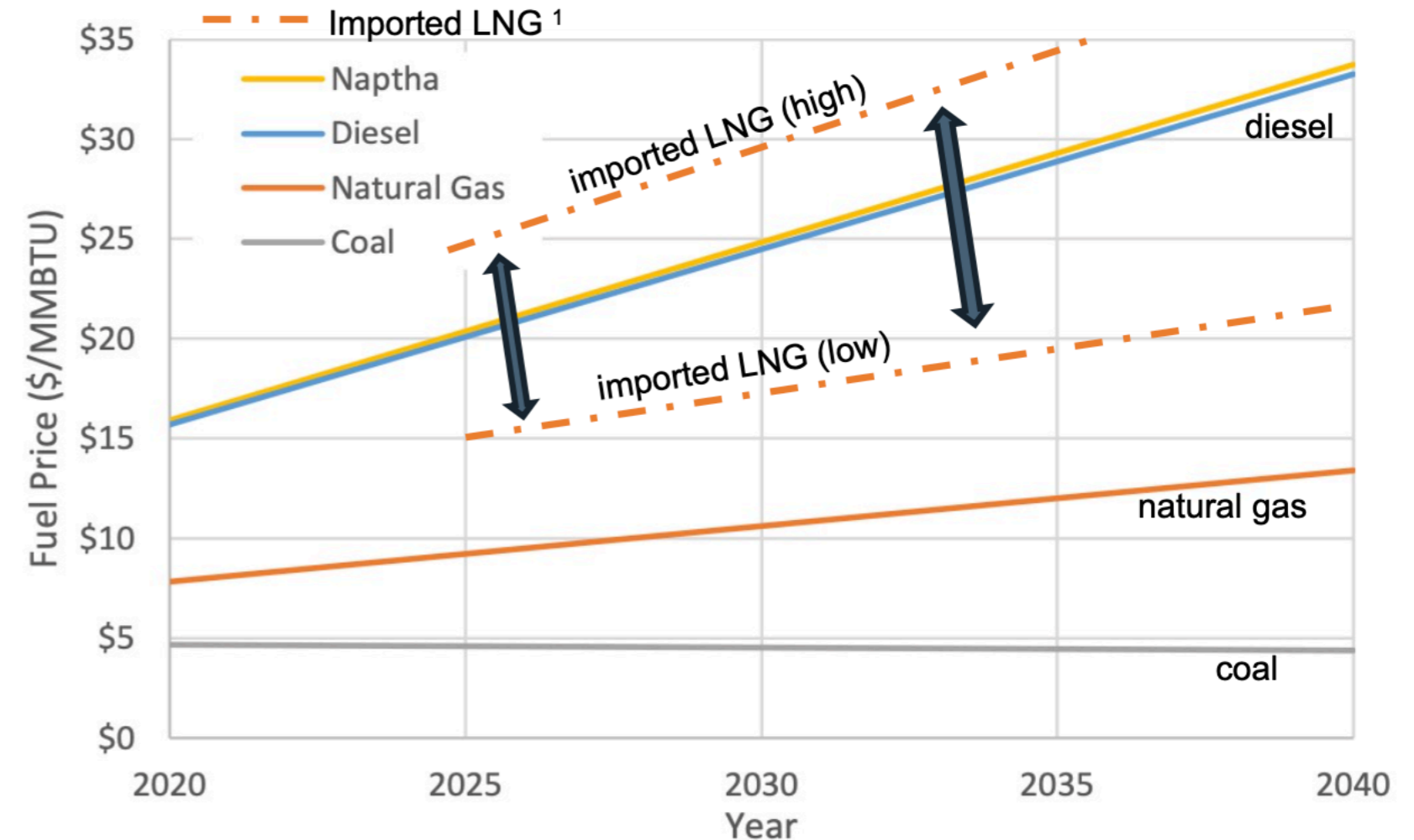


Figure 5. Assumed fuel price trajectories (2020\$)

Fuel price forecasts from the Alaska Energy Authority, ref. *NREL Renewable Portfolio Standard Assessment for Alaska's Railbelt, 2022*, NREL/TP-5700-81698, <https://www.nrel.gov/docs/fy22osti/81698.pdf>

<sup>1</sup> Imported LNG price estimate from "Cook Inlet Region Low Carbon Power 2024"

