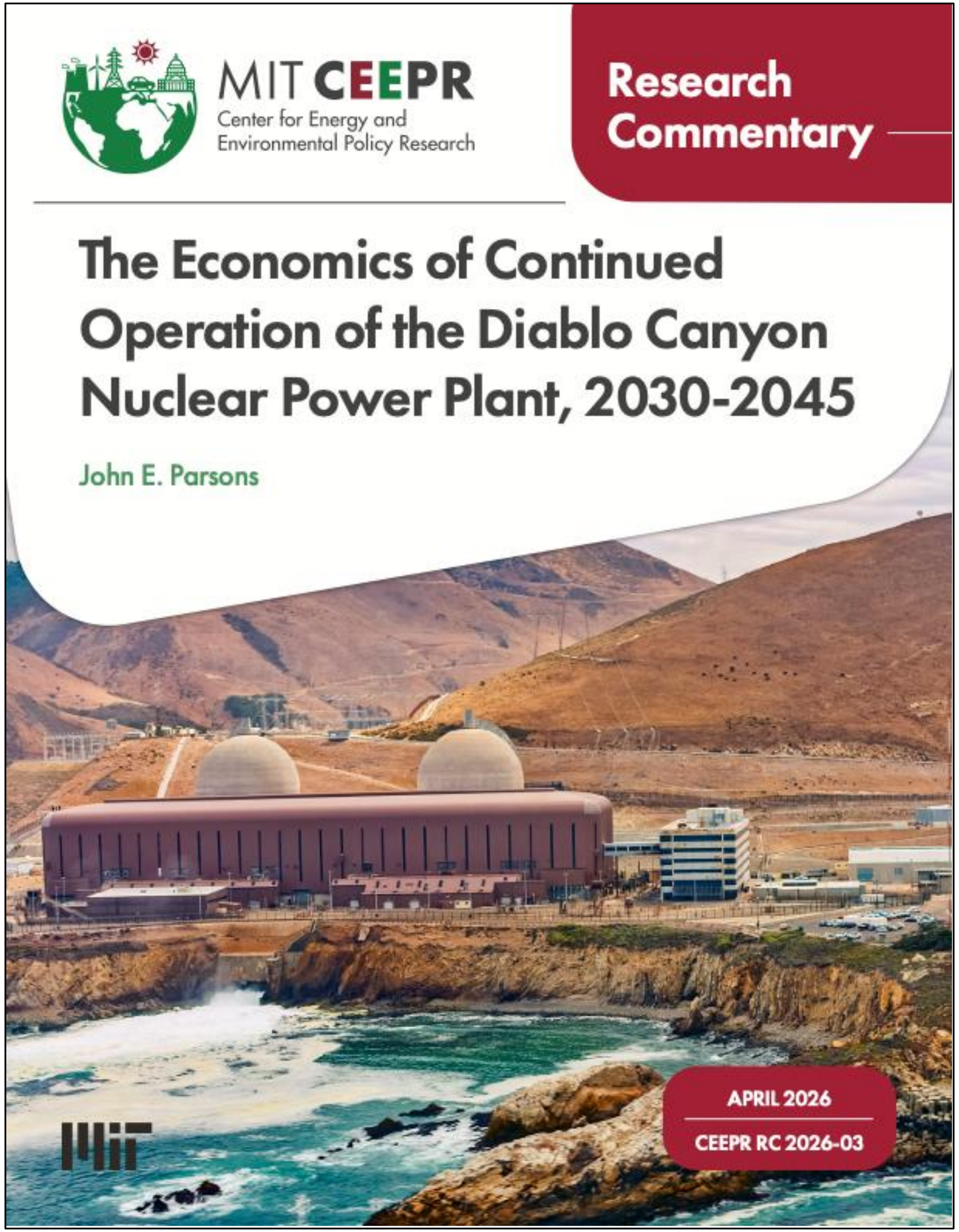
San Luis Obispo County Summer 2026 Public Educational Forum on Diablo Canyon

July 30, 2026



Framing the question of Continued Operation

- Original licenses to Nov 2024 and August 2025
- In 2022, SB 846 extended operation for 5 years to October 2029 and October 2030.
- Standard relicensing is for 20 additional years. NRC renewal extends to November 2044 and August 2045.
- Should California continue extended operation for the final 15 years of the licenses, i.e., from 2029/2030 to 2044/2045?
- Focus here is on the economic costs/benefits.
    - just one aspect of the larger question.

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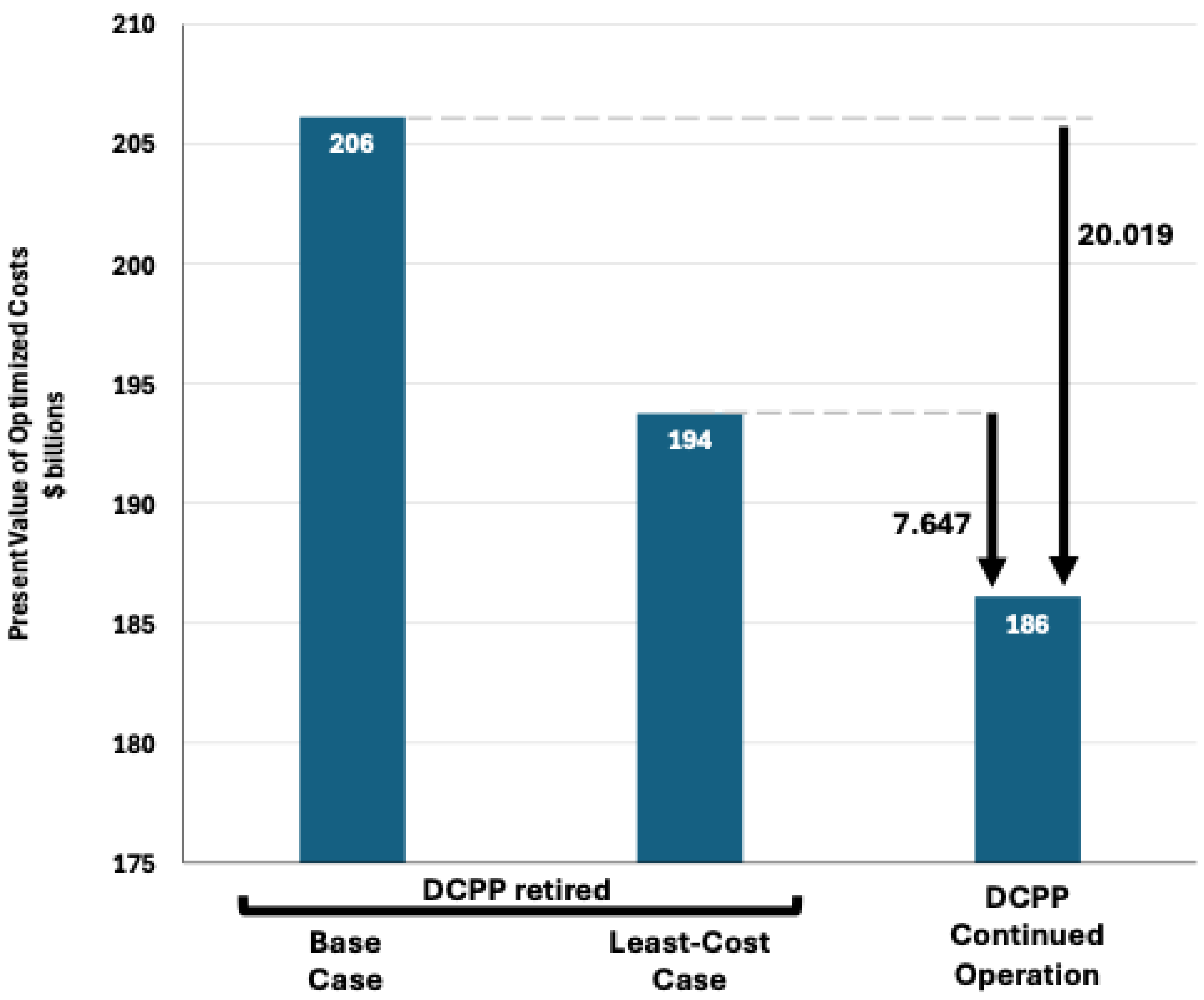
Summarize Results



Capacity Expansion Modeling

- Inputs
  - Load forecasts, hourly through each year.
  - Set of technology options for generation, storage and transmission.
  - Other constraints:
    - Reliability margins;
    - Decarbonization targets.
- Choose a portfolio of investments to minimize total capital and operating costs.

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CPUC RESOLVE Modeling

- California Public Utilities Commission 2024-2026 Integrated Resource Planning process.
- RESOLVE model – consulting firm E3.
  - High level of detail for California system: existing resources and transmission grid + out-of-state resources
  - Planning years 2026 / 2028 / 2031 / 2036 / 2041 / 2045
- Inputs to the model developed in a public process.
  - Forecasted costs.
  - Wind, solar and geothermal resource availabilities.
  - Upcoming technologies.

3 Scenarios

- Each Scenario
  - Baseline of existing and planned assets.
  - Specific assumptions for the scenario.
  - Remaining ‘optimized’ assets.
- Least-Cost
  - No DCPP.
  - Largest space for optimizing.
- Base Case
  - No DCPP.
  - AB 1373 investments+Opt.
- DCPP
  - Keep DCPP to 2045.
  - Optimize otherwise.

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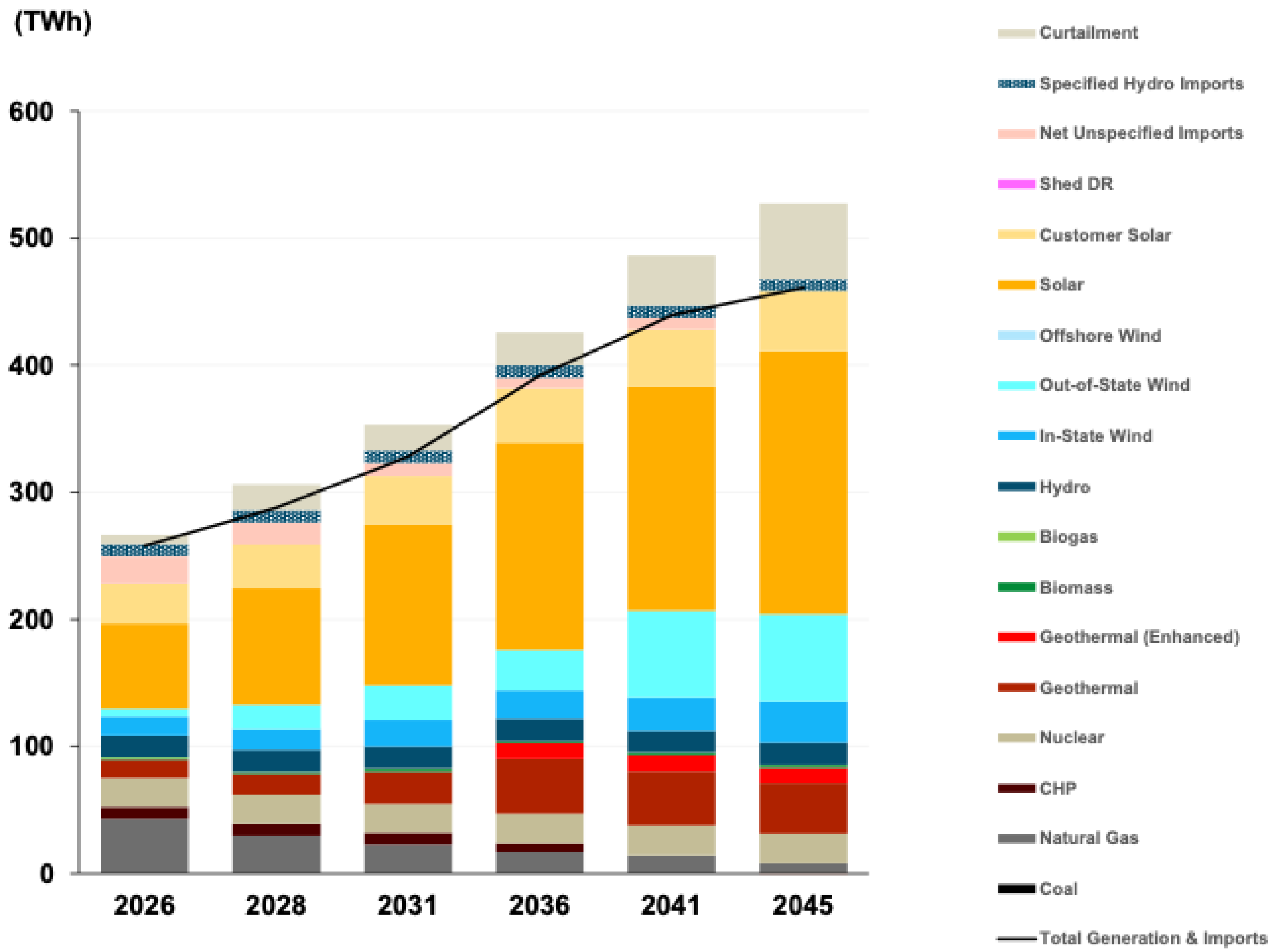
Context: All Scenarios Require Massive Investments in Renewables



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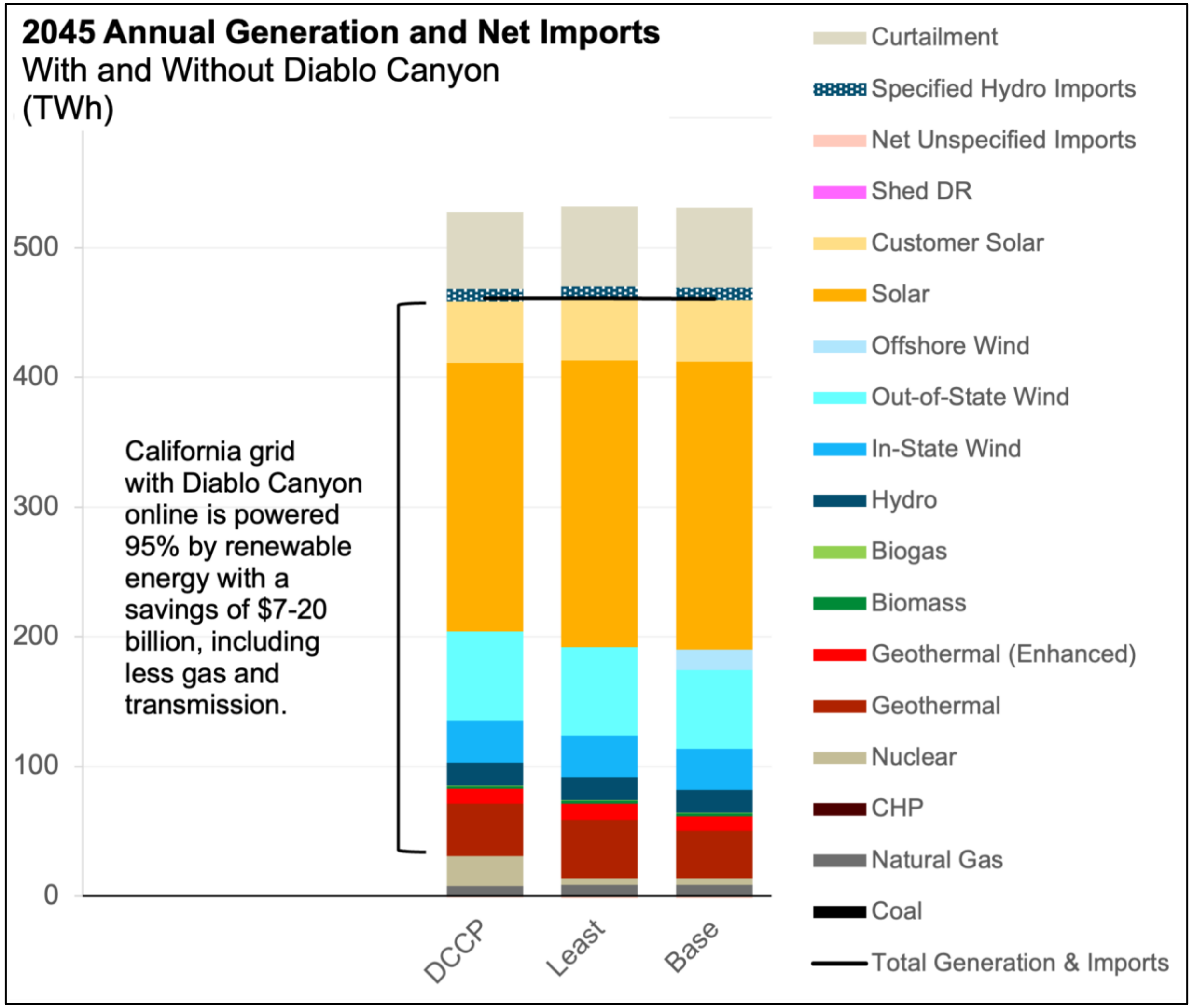
Context: All Scenarios Require Massive Investments in Renewables



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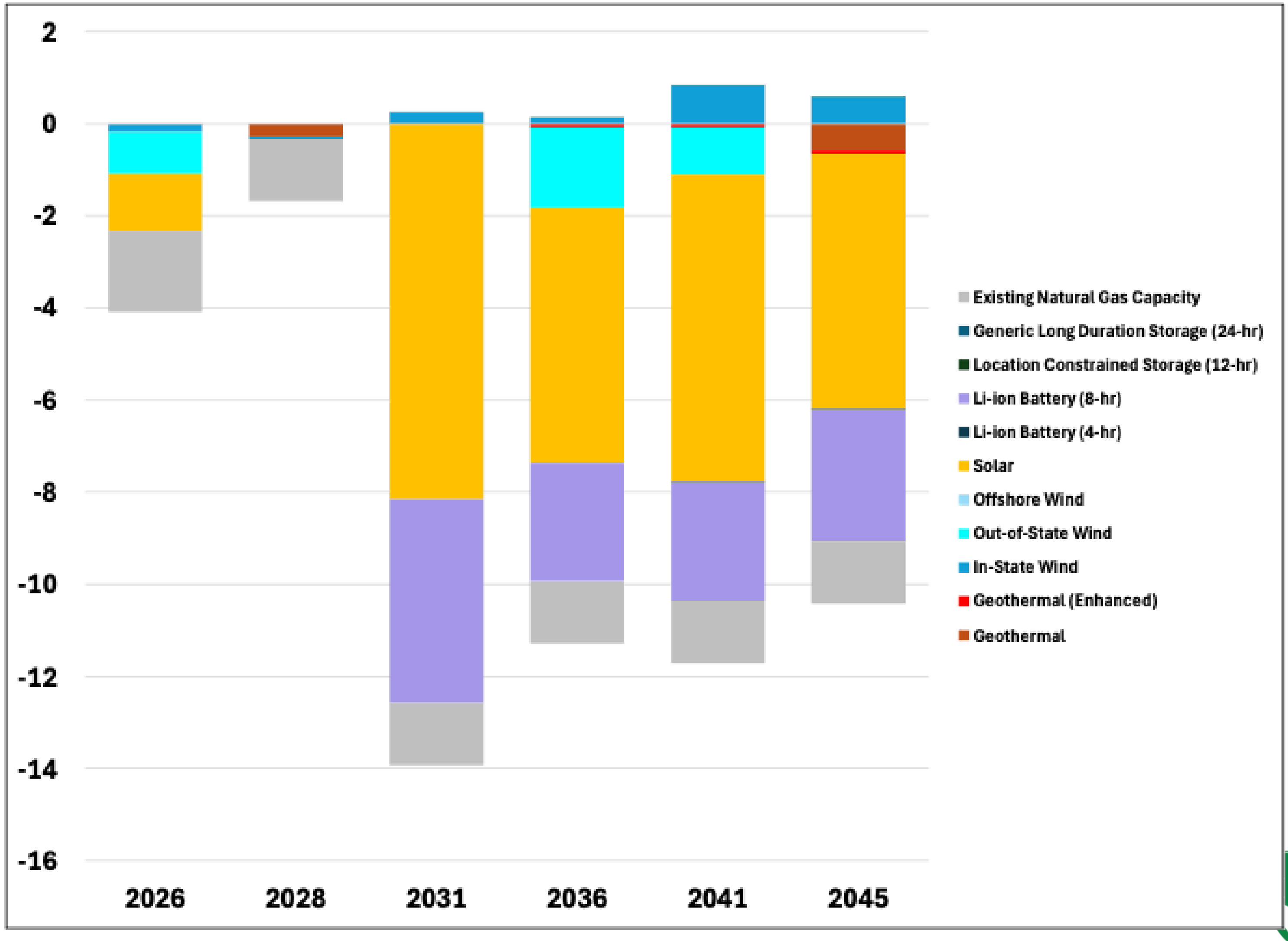
DCPP vs. "Least-Cost" without DCPP



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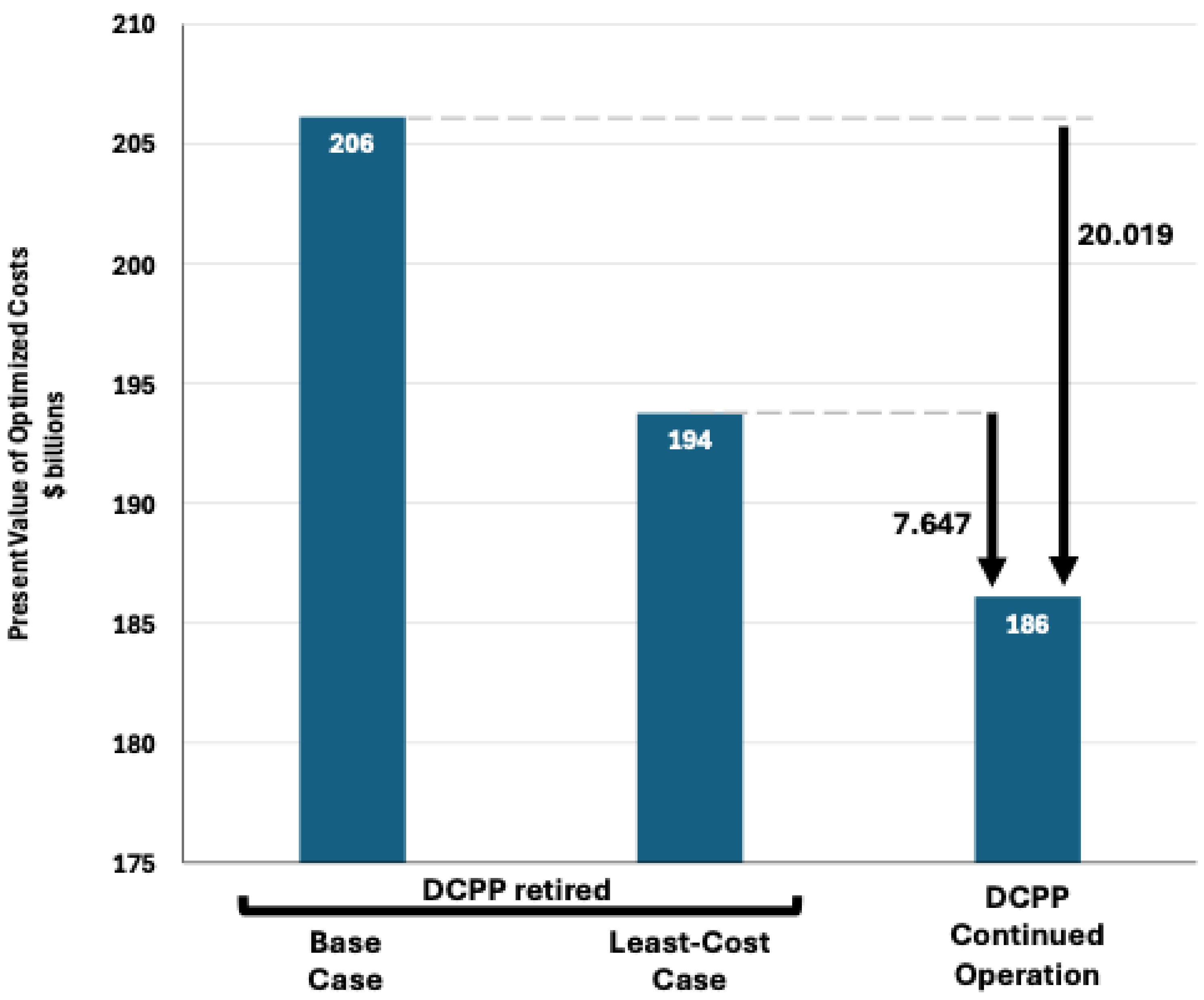
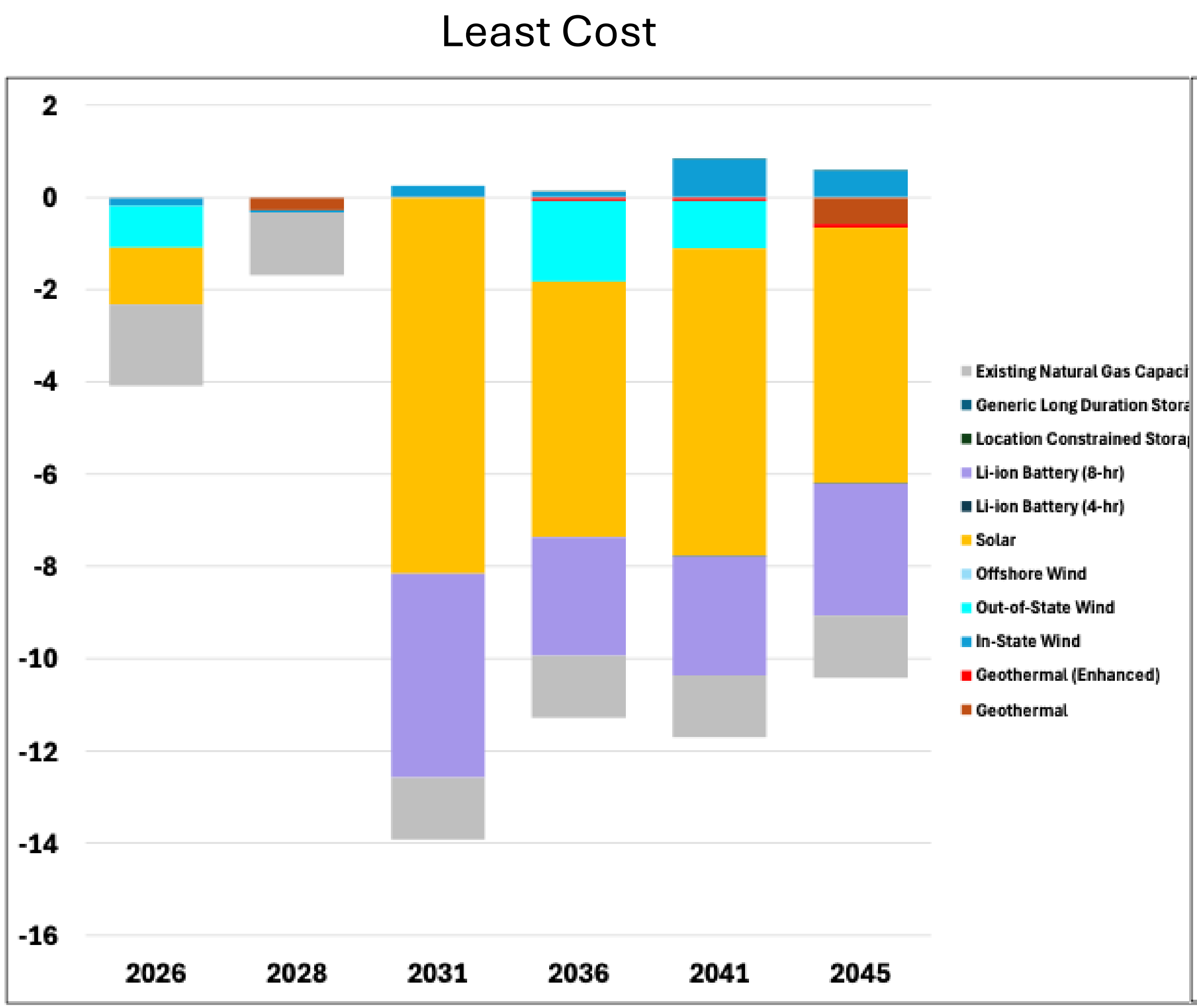
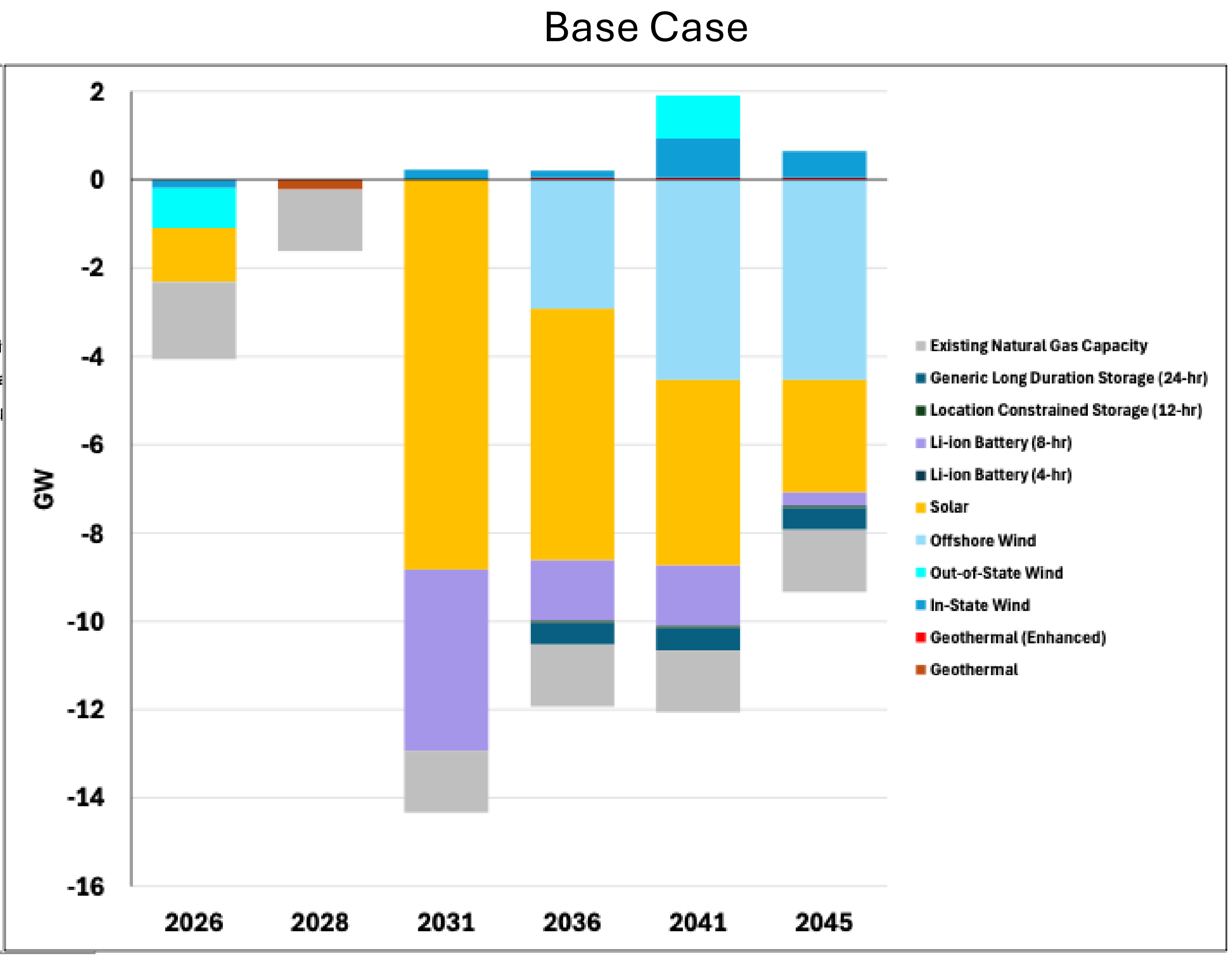
Summarize Results

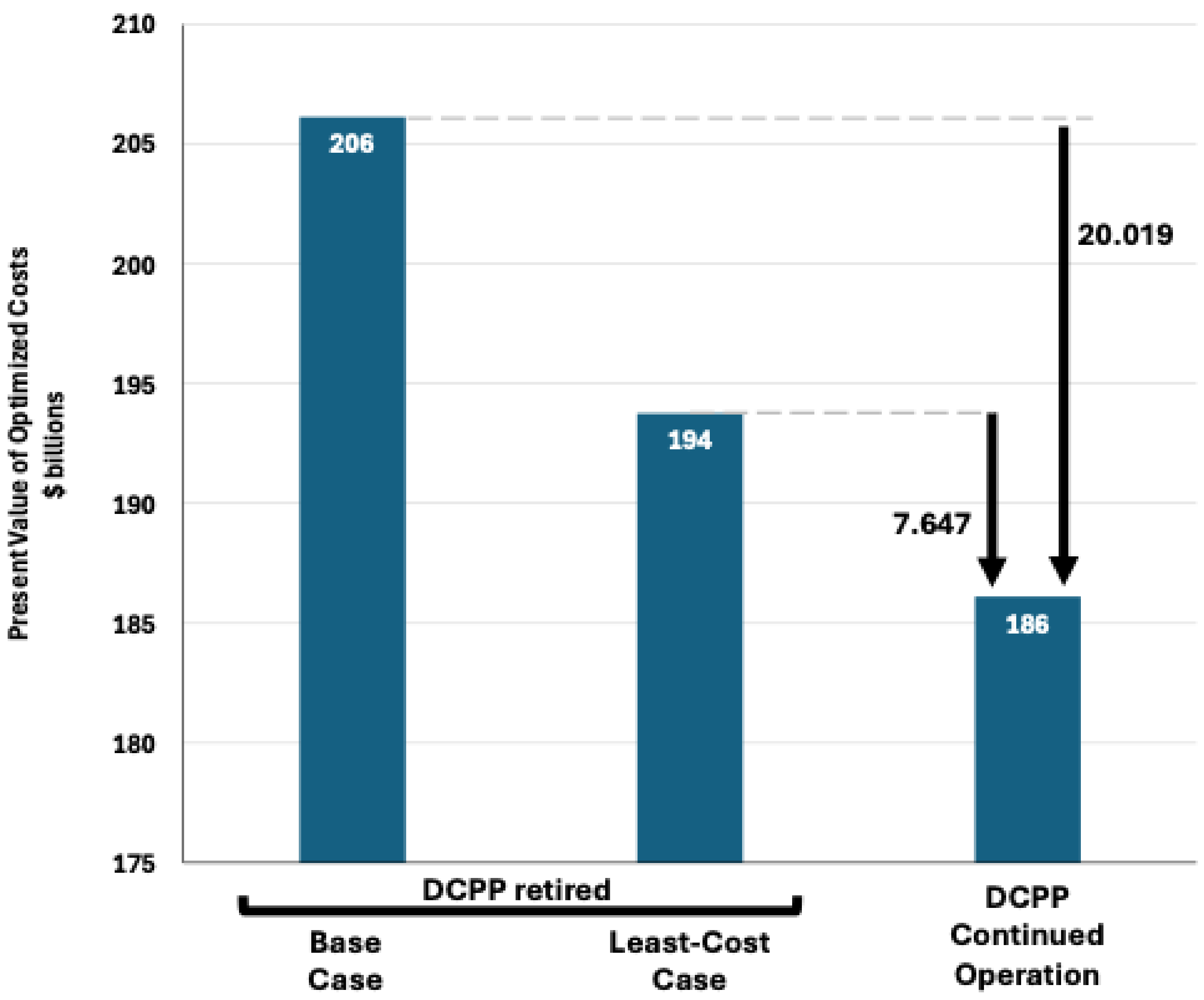


DCPP vs. “Base Case” without DCPP





Summarize Results



Further Content in the Report

- Present value calculations, modeled years and interpolated years.
- Base Case & AB1373 investments.
- DCPP costs. Annual fixed costs and fuel costs.

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Thank You

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