CALIFORNIA PUBLIC UTILITIES COMMISSION

Transmission Project Review (TPR) Data FACT SHEET

About TPR Data:

The California Public Utilities Commission (CPUC) tracks and analyzes planned transmission projects via the Transmission Project Review (TPR) Process. The TPR process provides detailed, public semi-annual data reported by investor-owned utilities on active transmission projects in development. This includes all California ISO Transmission Planning Process (TPP) Approved and Transmission Owner Repair + Replacement projects over $1 million that had, or will have, any capital expenditures in the previous five years, the current year, or the four future years.

Here is some helpful terminology to understand TPR data and the visuals in this fact sheet:

Categories of transmission projects:

- **Transmission Owner (TO) Repair + Replacement:** projects implemented by transmission owners that were not in California ISO's TPP.
- **Transmission Planning Process (TPP) Approved:** projects approved via the California ISO's TPP.

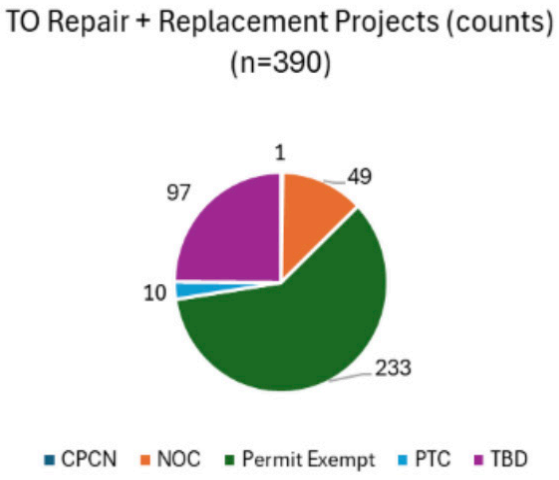
Each transmission project is assigned a classification based on the applicable process at the CPUC:

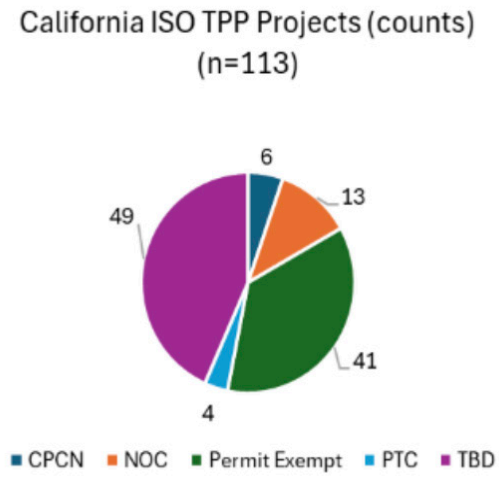
- **Certificate of Public Convenience and Necessity (CPCN) and Permit to Construct (PTC):** transmission applications requiring CEQA review and that go through the permitting process at the CPUC.
- **Advice Letter (AL) – Notice of Construction (NOC):** projects that are exempt from filing a CPCN or PTC application but must still file an advice letter with the CPUC noticing the start of construction.
- **Permit Exempt:** a project that is exempt from filing an application with the CPUC.
- **To Be Determined (TBD):** projects for which transmission owners have not yet determined if a filing is necessary.

Project Counts and Costs:

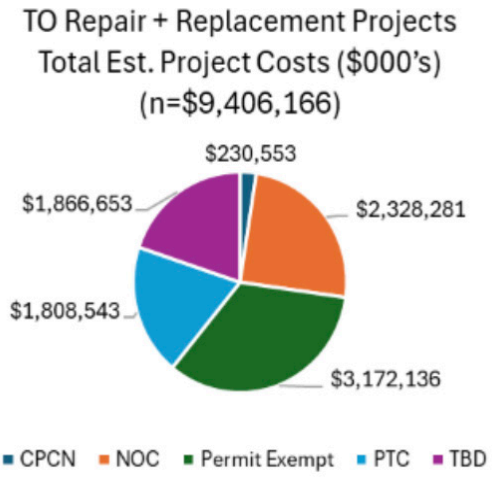
These charts represent the most recent snapshot of transmission data from December 2023, reflecting 503 transmission projects in total.

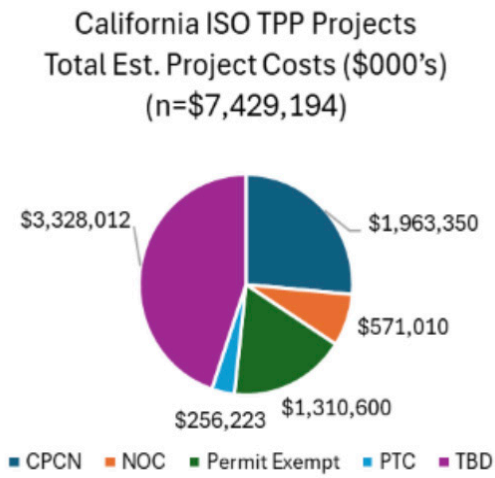
Counts of projects by broad category (Transmission Owner Repair + Replacement Projects vs.California ISO Transmission Planning Process Approved), broken out by project classifications (e.g. CPCN, PTC, etc.):



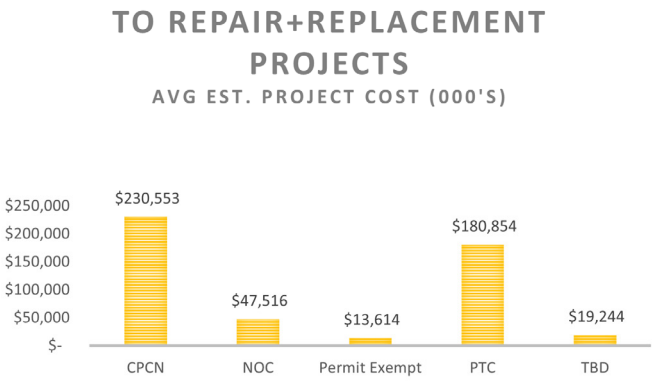


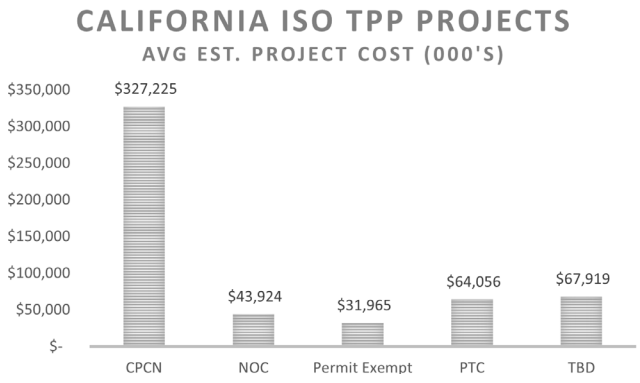
Total estimated costs per broad category and project classification:





Average estimated costs per broad category and project classification:



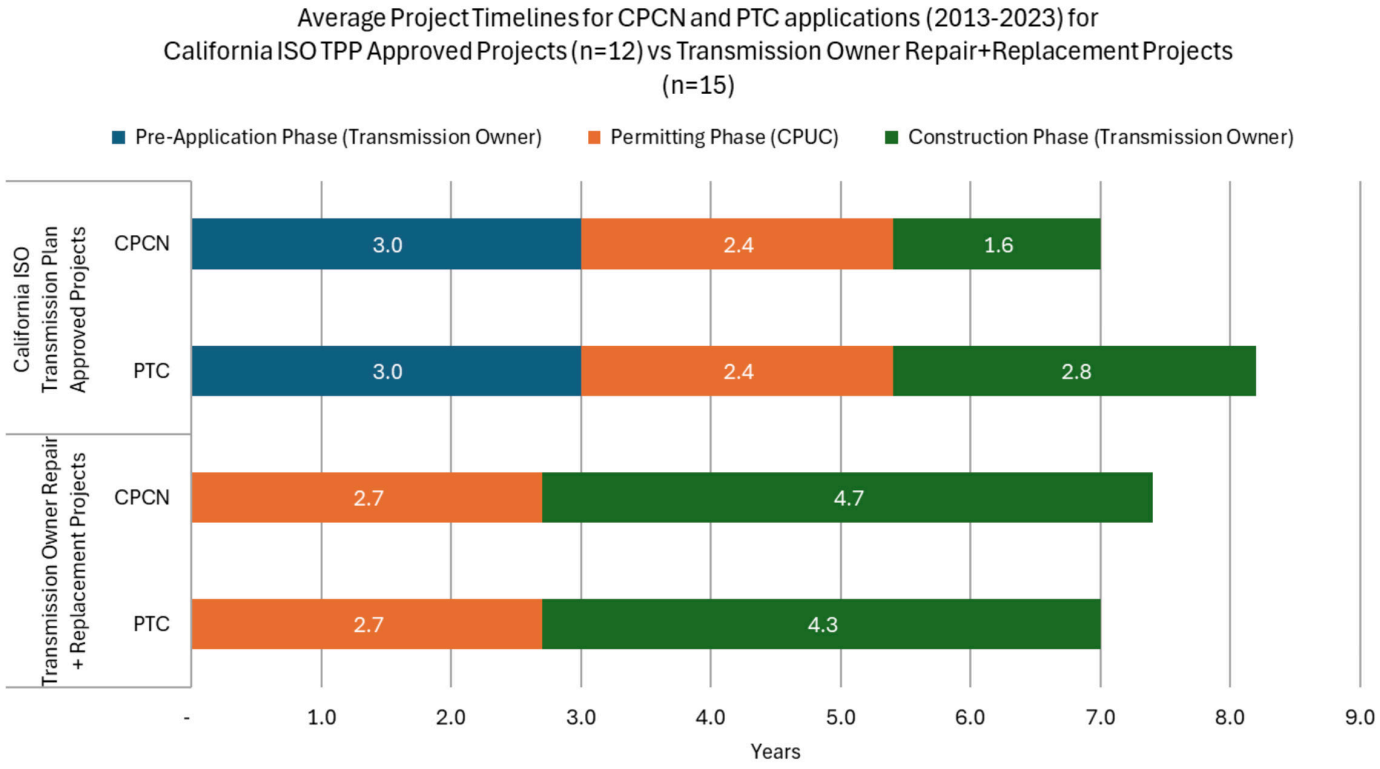


Average Project Timelines for Permitted Projects:

There are multiple steps that permitted transmission projects go through from origination through end of construction. The chart below shows average timeframes for the key stages in this process for permitted (CPCN and PTC) transmission projects in the 2013-2023 timeframe. (For projects that are still under construction, the current estimated in-service date is used.) The information is presented separately for **Transmission Planning Process Approved Projects vs. Transmission Owner Repair + Replacement Projects.**

The stages shown below are defined as follows:

- **Pre-Application Phase (Transmission Owner):** The average time from which a project is approved in a California ISO TPP to when the project is filed with the CPUC for a CPCN or PTC. (Transmission Owner Repair + Replacement projects do not have this phase since projects are submitted and do not go through the California ISO TPP process.)
- **Permitting Phase (CPUC):** The average time between a CPCN or PTC application being submitted to the CPUC to the time a CPUC decision is issued on that application.
- **Construction Phase (Transmission Owner):** The average time between a CPUC decision on a transmission application to project construction completion (or projected to be completed via estimated in-service dates).



Governor
Gavin Newsom

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