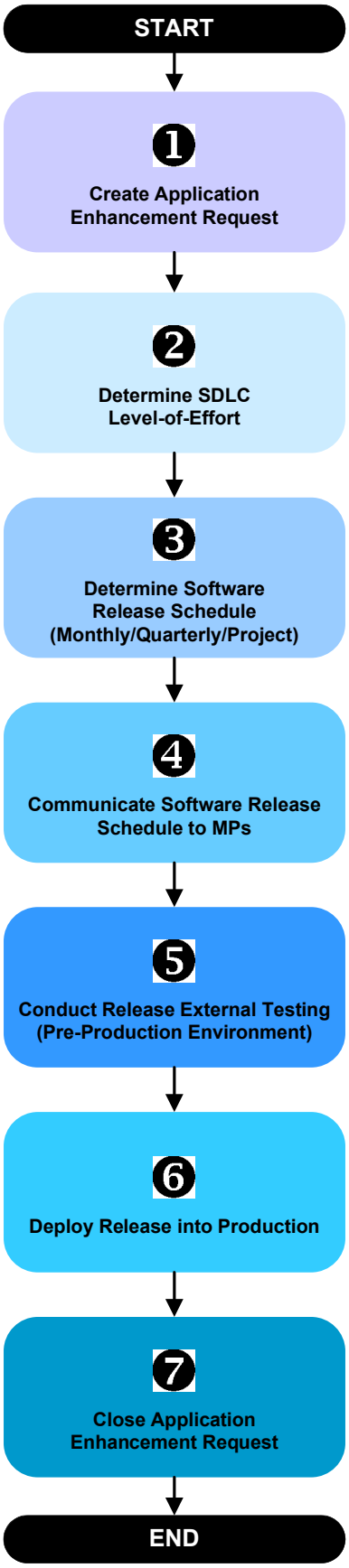
Information Technology Product Roadmap – Enhancement Process



- This process assumes that a software enhancement does not require any Tariff amendments or FERC fillings

- An Application Enhancement Request will be formally created based on a Phase 3: Data Release & Accessibility data request granting that following have provided review, acknowledgement & approval: CAISO Policy, CAISO Legal, & stakeholders.
- Creation of the enhancement signifies acceptance of this data request by the Application IT and Business Owners

- Definition of the system level requirements and impact assessment will be conducted
- Definition of the system design solution will be performed
- Estimation of the length of time to develop and test system changes will be calculated

- Assessment of the feasible Release Cycle based on level-of-effort determined on the enhancement or set of enhancements:
  > Monthly Release: Do not require market participants to change their systems
  > Quarterly Release: Requires market participants to change their systems
  > Project: Either a minor or major change that is deemed feasible to be deployed with a project

- Communication will be via: SIUG, Market Notices, MAP meetings, etc.
- In addition to notification of the Software Release Schedule, the following will also be provided to market participants, if any applicable:
  > Technical artifact changes and API specifications
  > Application access requirements (AARF)

- A minimum of one week of external testing period will be provided to give an opportunity to market participants to validate the system changes
- If the enhancement is under a Project, system changes will be tested within the market simulation period as applicable

- The software changes will be deployed into production, once internal and external testing has provided approval to proceed
- Deployment into production will be communicated and be conducted within the application maintenance window as appropriate

- Upon production deployment, the application enhancement request can be marked as completed