



CDPHE - Stationary Sources System



CC-IT- Stationary Sources Database

- A \$12.8M, three-year (FY23 - FY25) capital IT project to modernize the outdated stationary sources data system used by CDPHE, Air Pollution Control Division (APCD)
- FY23 Request totals \$4.1 Million



IT Capital Construction Request

Overview

- The Stationary Sources database is primary technology tool used by CDPHE/APCD to manage permitting, inspections, enforcement, compliance, billing, emissions and data reporting associated with stationary sources (e.g., manufacturing, power plants, oil and gas operations).
- Supports Re-imagining State Government initiative by enhancing virtual, on-line services, improved customer service, improves organizational efficiency and effectiveness and access to data.
- Aligns with Wildly Important Goals (GHG/Climate Change and Ozone Pollutants).
- Promotes business continuity needs and social, economic and environmental considerations.
- The Stationary Sources Database is an outdated technology - (developed in the mid-1990's).



Stationary Sources Data System Background and Constraints

- Significant scope - used to regulate 2,500 companies and 14,000 facilities
- 20,000 documents processed annually
- Operates in a paper-based system, requiring significant manual entry (both Department employees and regulated entities)
- Overall system lacks agility and flexibility to adapt to evolving state and business needs
- Limited reporting capabilities
- Lacks technology solutions and tools expected in current business climate



IT Capital Construction Request

Project Outputs and Deliverables

- **System Design:** Updated technology will consist of a combination of Commercial off-the-shelf products and customized solution using vendor contracting.
- **Data access & management:** Improved data reporting and public access to information.
- **Digital Environment:** On-line business environment: e.g., payments, registration of facilities and submission of required documents.
- **Efficiency:** System implementation will result in less time spent on manual and duplicative processes. Improved efficiency and reduced time for regulated entities to submit required information.



IT Capital Construction Request

Project Outcomes

- **Expedited Processes:** Timely processing of permits and inspection, compliance, and enforcement work needs.
- **Digital Services:** Transition away from outdated and inefficient paper-based system to an electronic workflow environment.
- **Streamlined Work:** Streamlined business processes and efficiencies across all applicable work products.
- **Data Reporting:** Improved data reporting, transparency, and better public access to information.
- **Stakeholder Customer Service:** Reallocation of staff time will facilitate pro-active management, process improvements, responsiveness and stronger customer service.



IT Capital Construction Request

Questions?