

ITSP Summary Biennium 2026-28

Agency Name: 409 Department of Energy

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Agency Mission, Goals and Objectives:

Agency Mission:

The Virginia Department of Energy leads the Commonwealth to a reliable and responsible energy future.

Agency Goals:

Our mission is to lead the Commonwealth to a safe, reliable and responsible energy future by:

- Providing for safe and environmentally sound stewardship of Virginia's mineral and energy resources;
- Encouraging economic development through the sound stewardship of Virginia's energy, mineral, land and water resources; and
- Successfully pursuing federal funding and implement the Virginia Energy Plan to ensure the Commonwealth has abundant, reliable, affordable and clean energy.

In Dealing with Our Customers, We Value:

- Operating with a high sense of ethics, honesty, and integrity.
- Demonstrating fairness, respect, responsiveness, straightforwardness, and deliberateness in our actions and communications.
- Functioning in a competent and knowledgeable manner, which emphasizes such principles as: consistency in service provision; attentiveness to customer's needs and their organizational and operational requirements; and being firm, yet flexible, in delivering services which focus on safety, energy, the environment, and economic development.

-Operating in a seamless manner to deliver quality customer services.

In Dealing With Each Other, We Value:

-Recognizing each other's outstanding accomplishments.

-Setting priorities to ensure that critical/essential services are delivered with quality by staff that are properly supported and equipped with adequate resources.

-Meeting the requirements of the law and externally driven policies, but always being innovative where flexibility exists.

-Innovation and creativity, acknowledging that mistakes will be made from which we can learn trust and mutual respect.

-Doing the right things, ethically and honestly.

-Developing and training ourselves.

-Going beyond normal duties to help others and to seek and provide accurate and helpful advice.

-Openly communicating agency plans and decisions and, therefore, recognizing each other's need for information and understanding.

-Assuming accountability for work quality, while at the same time, accepting responsibility for working seamlessly.

-Dealing with tough situations by keeping a sense of humor and being "good sports".

-Our safety and well-being

Agency Objectives:

VA Energy plans to address initiatives relating to Economic Development, Regulatory, Mineral Mining, Coal Mining, Clean Energy

Modernize Communication Infrastructure:

-The agency currently relies on several legacy technologies, including traditional telephony systems, aging Wi-Fi infrastructure, and inconsistent, outdated conference room setups. These limitations hinder collaboration, reduce productivity, and expose the organization to increased operational risk. Transitioning to modern, resilient solutions that enhance stability, ensure redundancy, and support seamless collaboration between staff and customers is a critical priority.

Reduce IT Spend:

-As a small to mid-sized agency, managing rising IT costs is an ongoing priority. To optimize spending and ensure alignment with mission-critical needs, the agency is pursuing several cost-reduction initiatives. These include rationalizing file share usage, scaling back disaster recovery provisions for non-essential servers, and evaluating opportunities to adjust service levels for end-user computing where appropriate.

Improve hosting Capabilities

-The agency maintains several terabytes of valuable geospatial and mapping data across its various regulatory divisions and geology and mineral resources area . This information holds significant potential for public benefit—supporting higher education, economic development, and industry safety initiatives. However, current server storage costs present a barrier to making this data publicly accessible. Enhancing hosting capabilities or reducing storage costs would enable broader access and maximize the value of this data for external stakeholders.

Application Modernization

-The agency's in-house development team supports a portfolio of over 100 internally developed applications and services. Recent progress has been made toward adopting a modern technology stack and transitioning to an agile development methodology. As part of this evolution, applications will need to be iteratively migrated to the new platform—often requiring substantial updates to align with modern standards. This transformation must be balanced with the ongoing demand for new development tied to projects, mandates, and executive directives.

Current IT State:

In this section, describe the high-level strategy the agency will use to manage existing operational IT investments over the next year to 6 years in support of the strategic objectives of your agency.

At this time, the agency anticipates that all Current Operational IT Investments will continue to meet agency business needs in the foreseeable future and will not need enhancement or additional investment.

Will any of the following areas require additional funding over the next 6 years beyond that currently forecast by your agency? (please check all that apply)

None

Looking ahead over the next 6 years, please list any IT initiatives needed to support the business Mission, Goals, and Objectives of your agency not addressed by application modernization (other than staffing levels and applications detailed elsewhere). These could include disaster recovery, network upgrades, radio communications etc.

None

External Factors Impacting IT:

In this section, describe changes or mandates from external sources to the agency's current IT investments. These are requirements and mandates from external sources, such as new federal or state legislation, executive orders, regulatory bodies, or legal requirements. The agency must identify the change, any important deadlines that must be met, and the consequences if the deadlines are not met.

At this time, the agency is not aware of any external factors, requirements or mandates that will require IT investments by the agency in the foreseeable future.

Are there any mandate driving changes in your current IT environment? (Yes/No)

Yes

Future IT Solutions:

This section will discuss how the agency's IT investments and investment strategies support the business strategies over the next 6 years. The agency does not need to discuss specific technologies at this time.

At this time, the agency does not have any Proposed IT Solutions or investments that will support agency strategic objectives, service area strategic objectives, commonwealth, enterprise, or secretariat-level strategic priorities, agency performance measures, or societal indicators.

IT Strategic Plan Budget Tables

Current IT Services				
	Costs Year 1		Costs Year 2	
Category	GF	NGF	GF	NGF
Projected Service Fees	\$836,178	\$621,185	\$861,264	\$639,821
VITA Infrastructure Changes				
Estimated VITA Infrastructure	\$836,178	\$621,185	\$861,264	\$639,821
Specialized Infrastructure				
Agency IT Staff	\$612,850		\$631,235	
Non-agency IT Staff	\$29,000		\$30,000	
Cloud Computing Service				
Other Application Costs	\$28,000		\$28,000	
Total:	\$1,506,028	\$621,185	\$1,550,499	\$639,821

Proposed IT Investments				
	Costs Year 1		Costs Year 2	
Category	GF	NGF	GF	NGF
Major IT Projects:				
Non-Major IT Projects:				
Agency-Level IT Projects:				
Major Stand Alone IT Procurements:				
Non-Major Stand Alone IT Procurements:				
Agency-Level Stand Alone IT Procurements:				
Procurement Adjustment:				
Total:				

Projected Total IT Budget				
	Costs Year 1		Costs Year 2	
Category	GF	NGF	GF	NGF
Current IT Services	\$1,506,028	\$621,185	\$1,550,499	\$639,821
Proposed IT Investments				
Total	\$1,506,028	\$621,185	\$1,550,499	\$639,821

Commonwealth Projects >= \$250,000.00

There are no projects for this agency.

Commonwealth Procurements >=\$250,000.00

There are no stand alone procurements for this agency.