



Excerpt from:

Environmental Management System

Manual



INTRODUCTION

This manual describes the minimum mandatory requirements that shall be incorporated in each APS environmental management system (EMS). APS has established, documented, implemented and maintains an EMS in accordance with the ISO 14001:2015 and works to continually improve its effectiveness. The EMS is fully integrated with selected Fossil Generation and Service Center operations to comply with all laws, regulations and other applicable requirements concerning the environment. Processes exist that identify the environmental impacts of our activities, products and services, including emissions to air, releases to water and land, use of raw materials and natural resources.

The methods and criteria used to ensure the effectiveness and control of the EMS are documented in this manual, facility specific process documents and facility specific procedures. The resources and information required to support the operation and monitoring of the EMS, are provided by facility and corporate management, through assessment of needs to achieve the desired business results. The procedures required to monitor, measure and analyze the EMS are documented within the facility compliance plans and other facility specific procedures. The EMS is structured according to the requirements of the ISO (International Organization for Standardization) 14001:2015 standard.

SCOPE OF EMS

APS's ISO 14001 EMS policy establishes our vision and standards for environmental stewardship, performance and compliance. These standards ensure our company's environmental programs and activities support our corporate environmental policy, goals and company vision to provide a sustainable energy future.

All APS employees, visitors, contractors, sub-contractors and independent contractors performing services for any ISO 14001 designated facility are required to comply with the facility's EMS.

An APS designated facility is a facility that the Corporate Environmental Director has identified as one that is required to develop and maintain a certified EMS.

ENVIRONMENTAL MANAGEMENT SYSTEM POLICY

Environmental Management System Policy Statement:

Behaving responsibly towards the environment should be more than just a statement of intent. In order to share our goals and communicate effectively with stakeholders, our environmental program has focused on five fundamental areas to reflect the environmental commitments of Arizona Public Service. APS exemplifies our environmental stewardship, leadership, and commitments through our ISO 14001 Environmental Policy Statement:



Strive For Continuous Improvement

All APS employees are accountable for implementing, maintaining, measuring, and finding opportunities for continuous improvement of environmental programs.

Manage All Environmental Risk

We will responsibly report on our environmental performance and establish and implement on-going programs to monitor and assess our compliance, performance, and environmental risk.

Always Communicate

We will engage in constructive dialogue with our customers and other stakeholders on environmental matters and work collaboratively to achieve a healthy and safe environment for all. We will effectively communicate internally with our peers, co-workers, and leadership to ensure there is cohesive understanding of our environmental programs.

Reduce Environmental Footprint

We will responsibly use natural resources, such as air, water, soils, and forests to help conserve these natural resources through careful planning and efficient use, reuse, recycling, and waste reduction to ensure our commitment to prevention of pollution.

Target Beyond Compliance

Compliance with all applicable environmental laws and regulations is not only an APS expectation but is required by law. All employees are responsible for compliance and have an obligation to bring issues and concerns forward to leadership for resolution. We will establish and implement on-going programs to monitor and assess our compliance performance. We will go beyond regulatory requirements when such action benefits our stakeholders and the environment.

We will support and participate in the design and establishment of sound public policy and educational initiatives that protect human health and the environment. We will work with governments and others in creating responsible laws, regulations, and standards to safeguard the community and environment.

Context of the Organization: The APS Core provides the foundation from which we operate and keeps us focused on the right things. It begins at the center with our vision (what we aspire to be: Creating a sustainable energy future for Arizona) and our mission (what we do today: We safely and efficiently deliver reliable energy to meet the changing needs of our customers). Our values guide our decisions and behaviors. Our critical areas of focus are where we direct our work to drive success.



Scope of the EMS: The APS Corporate Environmental policy (CP-POL-09) establishes our vision and standards for environmental stewardship, performance, and compliance. These standards help ensure our company's environmental programs and activities support our corporate goals and company vision to provide a sustainable energy future.

One of the environmental programs referenced above is the APS EMS. The processes and procedures specified in the APS EMS are extended to all APS employees, visitors, contractors, sub-contractors and independent contractors performing services for any ISO designated facility.

The scope boundaries for each plant are defined in the facility's ISO Program Document. The scope boundaries for the service centers are within the fenced line boundary. Those activities conducted outside of the fenced boundaries of these service centers are excluded from this EMS. Substations and substation operations located in or adjacent to any service centers are excluded from the EMS.

Management System: This document is endorsed by the VP of Environmental and Chief Sustainability Officer, who has overall authority for implementation and execution of all aspects of the EMS. This document is a formal consent which grants environmental representation and authority to coordinate aspects of all ISO designated facilities with an EMS. This role has been entrusted to the APS Corporate Environmental Director.

EMS Model: Arizona Public Service Corporate Environmental has established, documented, implemented and maintains an EMS in accordance with the ISO 14001:2015 and works to continually improve its effectiveness. The EMS is fully integrated with APS operations to comply with all laws, regulations and other applicable requirements concerning the environment. Processes exist that identify the environmental impacts of our activities, products and services, including emissions to air, releases to water and land, use of raw materials and natural resources.

The methods and criteria used to ensure the effectiveness and control of these processes are documented in process documents and APS company procedures. The resources and information required to support the operation and monitoring of these processes, are provided by corporate management, through assessment of needs to achieve the desired business results. Areas for potential improvement and the required actions are identified and implemented as a result of the analysis. The sequence and interaction of these processes are illustrated below:



Accountability: Arizona Public Service employees and contractors are to comply with the standards and expectations in the policy. Every employee is responsible and accountable for ensuring we maintain compliance with all federal, state, and local environmental rules and regulations.