

Title: Acceptable Performance Standard for District Cooling Systems

Purpose:

1. To establish the minimum acceptable performance requirements of district cooling system, for siting, design, construction, and operation and maintenance of components including, plant systems, distribution systems and energy transfer stations.
2. To minimize emissions from district cooling plants and plant systems, conserve water resources, materials, and resources, and construction and plans for operation.

Scope:

This standard provides:

- 2.1 minimum energy-efficient requirements for the design and construction, and a plan for operation and maintenance of
 - a. new district cooling plants, equipment and their component systems,
 - b. new portions of district cooling plants and their component systems,
 - c. new equipment or component systems specifically identified in this standard that are part of a site, and
 - d. new components, systems and equipment for existing district cooling plants.
- 2.2 criteria for determining compliance with these requirements.
- 2.3 establish minimum criteria for the design of critical components.
- 2.4 The provisions of this standard do not apply to:
 - a. low rise residential, single-family houses
 - b. district cooling plants that do not serve more than one building or are not defined as district cooling.
 - c. Industrial focused process cooling plants that are do not supply space cooling for human comfort applications.
- 2.5 Where specifically noted in this standard, certain other plants or elements of plants or sites shall be exempt.
- 2.6 This standard shall not be used to circumvent any safety, health, or environmental requirements of the final assembly.