

## SENATE BILL No. 400

By Committee on Utilities

1-27

1 AN ACT concerning data centers; relating to water consumption; requiring  
2 data centers to use closed-loop cooling systems to mitigate water  
3 consumption.

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5 *Be it enacted by the Legislature of the State of Kansas:*

6 Section 1. (a) To conserve and protect Kansas from the on-site water  
7 consumption footprint that is associated with the operation of large data  
8 centers, a large load data center shall not utilize an open loop cooling or  
9 heat removal system that directly exposes or discharges water vapors  
10 created by such cooling or heat removal processes to the ambient  
11 atmosphere. A large load data center may use a closed-loop cooling or heat  
12 removal system that is designed to provide a sealed cooling or heat  
13 removal system in which no contact is made between any fluid that is  
14 being cooled or heated and the ambient atmosphere.

15 (b) The attorney general, or a city, county or district attorney may  
16 apply to the district court for a temporary or permanent injunction, or any  
17 other appropriate legal or equitable remedy, to prohibit any person or  
18 entity from violating the provisions of this section. Such court shall have  
19 jurisdiction upon hearing and for cause shown to grant such injunction and  
20 may make and render such judgments, orders and decrees as may be  
21 proper to enforce the provisions of this section.

22 (c) As used in this section:

23 (1) "Data center" means any facility, including any buildings,  
24 equipment, structures or other stationary items of a facility that are:

25 (A) Located on a single premises or on any contiguous and adjacent  
26 premises;

27 (B) used by any person or entity to house computer and network  
28 systems and infrastructure, including, but not limited to, associated  
29 components such as servers, network equipment and appliances,  
30 communications and data storage systems, systems for monitoring and  
31 managing system and infrastructure performance, data communications  
32 connections, environmental controls, cooling or heat removal systems, fire  
33 protection systems and security systems and services; and

34 (C) operated with the primary purpose of providing for the storage,  
35 management, processing and transferring of digital data.

36 (2) "Large load data center" means any data center that has or is

1 reasonably expected to have a monthly maximum electrical demand of 20  
2 megawatts or more.

3 Sec. 2. This act shall take effect and be in force from and after its  
4 publication in the statute book.