

Document Summary

Detail Type	Detail
Commodity	Computer Servers
Purchasing Standard	DGS 43211501
Revision Level	Initial release
Revision Date	Apr 21, 2021

Revision History

Standard	Rev	Revision Date	Author	Summary of Changes
DGS 43211501		Apr. 21, 2021	Velazquez, I.	Initial release

1.0 SCOPE

DGS purchasing standards provide the minimum criteria purchases must meet to be considered environmentally preferable (EPP), aka “green”, by the state of California. They establish a mechanism for incorporating performance and environmental requirements that meet the state’s environmentally preferable goals, into procurements and policy.

Per Public Contract Code (PCC) §12400 through 12404, Environmentally Preferable Purchasing, the purchasing standard herein establishes minimum EPP requirements for computer servers, henceforth, products.

2.0 APPLICABLE LAWS and INDUSTRY STANDARDS

Departments must adhere to all applicable laws, regulations, policies, best practices, and purchasing authority requirements such as, California Code of Regulations, State Administrative Manual, Management Memos, and State Contracting Manual as applicable.

This list is for informational purposes only and is not all-inclusive. It is the state department’s responsibility to ensure the purchase adheres to all applicable laws, regulations, policies, best practices, and purchasing authority requirements.

2.1 LAWS and REGULATIONS

[PCC §12400](#), Environmentally Preferable Purchasing
[EO N-19-19](#), Climate Change Agenda
[Appliance Efficiency Regulations](#), California Code of Regulations (CCR), Title 20, Division 2, Chapter 4, Article 4

2.2 POLICY

California Department of Technology (CalTech), Technology Letter (TL) [TL 17-06, Update to Cloud Computing Policy, Infrastructure and Platform](#)
CalTech [TL 14-04, Cloud Computing Policy](#)
CalTech [TL 12-3, Supersede Low Power Computing Directive](#)

3.0 ENVIRONMENTALLY PREFERABLE PURCHASING REQUIREMENTS

Small-scale servers must comply with the CCR, Title 20, Division 2, Chapter 4, Article 4, Appliance Efficiency Regulations and must be listed on the California Energy Commission’s (CEC) [Appliance Efficiency Database](#).

Per TL 17-06, Agencies/state entities are required to evaluate and use Infrastructure as a Service (IaaS) and Platform as a Service (PaaS) for all new technology, expansion or refresh initiatives.

Per TL 14-04, agencies/state entities should utilize the cloud services provided through CalTech’s Office of Technology Services (OTech) for all new IT projects when feasible.

TL 12-3 eliminates the requirement for departments and agencies to prepare an exemption form for AIO or CIO approval to purchase other equipment if Energy Star or EPEAT equipment is not available. CalTech remains committed to reducing energy usage by supporting EPP requirements of Energy Star EPEAT rated equipment. In addition, CalTech refers agencies to the Guidelines in Statewide Information Management Manual (SIMM) Section 125, which states that “IT equipment should be replaced at end-of-life with low power office equipment (e.g., Energy Star or EPEAT compliant).”

To be considered EPP, products must be certified by a minimum of one third- party environmental certification per Table 1, and/or be State Agency Buy Recycled Campaign (SABRC) compliant.

Table 1: EPP Approved Third-Party Environmental Certifications by Commodity

Commodity	UNSPSC	Certification
Computer Servers	43211501	EPEAT
Computer Servers	43211501	ENERGY STAR®
High-end Computer Servers	43211502	ENERGY STAR®

4.0 RESOURCES

Find products that meet this standard's minimum requirements:

- [Appliance Efficiency Database](#)
- [ENERGY STAR® certified products](#)
- [EPEAT certified products](#)

Visit the [Buying Green](#) website for additional information about EPP.

Learn about UNSPSCs by visiting [United Nations Standard Products and Services Code®](#).