

CEE Commercial and Industrial Pump Systems Initiative Clean Water Pump Voluntary Performance Specification

Effective January 27, 2020

The CEE clean water pump voluntary specification is determined through market analysis, industry engagement, and consensus among program administrators. The single tier specification is designed to help identify high performance pumps while being attainable in the market and by the industry.

CEE Voluntary Specification and Baselines

Pump Energy Index Specifications	Constant Load	Variable Load
Consensus baseline	Less than or equal to 1.0	Less than or equal to 0.66
HI Energy Rating equivalent for consensus baseline	Greater than or equal to 0	Greater than or equal to 34
CEE Voluntary Specification	Less than or equal to 0.95	Less than or equal to 0.48
HI Energy Rating equivalent to the CEE voluntary specification	Greater than or equal to 5	Greater than or equal to 52
Average existing pumps that meet the baseline	75%	100%
Existing pumps in market that meet CEE voluntary specification	47%	67%

Table 12

In addition to the above performance level, products must meet the following criteria to comply with the voluntary CEE specification:

The product's performance was tested according to the requirements of the DOE test procedure for C&I clean water pumps to determine a pump energy index, as defined by the DOE energy conservation standard.

The product was tested in a lab certified by third-party audit to ensure compliance with the DOE test procedure, as part of a program accepted by industry and the program administrator community to provide quality assurance, compliance, and appropriate oversight.

The product's tested performance data was made publicly available in a location that allows for customers to search for and identify products that meet their performance specifications in a brand-neutral format.

Products that meet the voluntary performance level and are listed in the HI Energy Rating database comply with these criteria.