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The Alliance for Telecommunications Industry Solutions (ATIS) Sustainability in Telecom: Energy and Protection (STEP) Committee Network Physical Protection (NPP) subcommittee is seeking industry input for our efforts creating an engineering standard for Distributed Single-Phase Cooling – Standardized Infrastructure which encompasses CDUs, pumping systems, manifolds, and the close coupled cooling devices. This document will outline the infrastructure needed for distributed cooling systems using a single-phase media (such as water), rather than a phase-changing coolant.

We invite your input for this effort as we create a document to be a new companion standard to the existing document ATIS-060031.2014 Distributed Refrigerant Cooling – Standard Infrastructure.

The information we are seeking will help us determine if universal use of a specific type and size connector will facilitate multiple manufacture compatibility of CDU/pumping units and close coupled cooling devices. We are specifically seeing information, preferences, and support data on commonly used connection products used between manifolds, flexible hoses, and close coupled cooling devices (in-row units, back of cabinet units, overhead units). Other information or insight you wish to share about manifolds, CDUs and pumping systems is appreciated and welcomed.

ATIS NPP and its members thank you for your efforts and look forward to the knowledge and insights you wish to share with us. Please contact the STEP NPP leadership at [step\\_npp-chair@access.atis.org](mailto:step_npp-chair@access.atis.org) should you have any questions.

Sincerely,

Chris Von Hagel (Intertek), STEP NPP Chair  
Clayton Forbes (NTS), STEP NPP Vice Chair

cc: Ernie Gallo (Ericsson), STEP Chair  
John Fuller (AT&T), STEP Vice Chair  
Jackie Wohlgemuth, ATIS Director, Global Standards Development  
Drew Greco, ATIS Coordinator