

## Distinct Identity

***Each IEEE 802 standard shall have a distinct identity. To achieve this, each authorized project shall be:***

- a) Substantially different from other IEEE 802 standards.***
- b) One unique solution per problem (not two solutions to a problem).***
- c) Easy for the document reader to select the relevant specification.***

| The project will increase the PD load from 12.95W to a minimum of ~~30W~~ **24W** which represents a substantial change to the capabilities of Ethernet. The power classification information exchanged during negotiation will increase to allow meaningful power management capability. Together these enhancements will make the project substantially different from existing IEEE 802 standards.

Deleted: 30W

The project will edit and enhance Clause 33 which is the only 802.3 clause that provides power over the MDI; which will ensure that the power specification is unique. The resulting standard will create one definition of power via the MDI while allowing current 802.3af compliant devices to remain compliant and adding optional enhanced devices.

As Clause 33 will remain the only power related clause within 802.3, it will be easy for a reader to find the relevant specification within the 802.3 document.