

Proposed UM 2032 Issues List

- 1) Briefly describe how costs for interconnection-related network upgrades are recovered by utilities for:
 - a. Utility-owned projects.
 - i. Provide recent examples where such transmission investment/upgrades were needed and costs of upgrades.
 - b. Large non-utility/QF projects
 - c. Oregon jurisdictional interconnections.

- 2) Assuming interconnection as a network resource, estimate the level of interconnection-related network upgrade costs that would be borne by the utilities if interconnection-related network upgrades for Oregon jurisdictional interconnections are allocated to the utility (not recoverable from the interconnection customer) and recoverable as a component of utility rate base costs;
 - a. Estimate the associated rate impact to the utility retail customers.
 - b. Under this option how would wholesale transmission rates be affected and on average what portion of network upgrade costs would be recovered in wheeling revenues?

- 3) Describe and estimate the impacts, including financial impact, as well as the level of detail of Question #2, of allowing QFs to interconnect as Energy Resources rather than Network Resources?

- 4) Describe the circumstances when it would be appropriate to allocate or apportion some or all of Oregon-jurisdictional interconnection-related network upgrade investments to the utility and/or other users of the transmission system.
 - a. What are the relevant factors to consider?

- 5) Describe industry trends and varying state approaches for how interconnection-related upgrades are recovered by utilities
 - a. Are 3rd party-studies from engineering firms used to verify or establish costs of network upgrades and interconnection facilities and to identify alternatives?
 - b. For example:
 - i. Are costs shared among beneficiaries of the transmission upgrade?
 - ii. Are costs reimbursed, if any, by future users of the transmission upgrade?