

The LBNE Collaboration has had a multi-year process of considering the technology choice for the experiment. Recently there has been a series of reviews addressing this choice including the Science Capabilities Review, Far Site Review, Risks Workshop findings, and the most recent cost estimates from the Project. The LBNE Collaboration EC met to discuss these reviews and findings.

The recommendation below was based on consideration of the following factors:

1. The Science Program
2. Depth related issues
3. Performance Validity and Prototyping Program
4. Scope for Improvements/Future possibilities
5. Cost and Schedule
6. Near Detector Issues
7. Scientific Community and International Context

The executive committee spent two full days reviewing the two technologies and the most recent cost estimates, and discussing the points made by the review panels.

Conclusions and Recommendations:

- There was very strong support for both technologies. The committee feels that both technologies are viable and complementary in many aspects.
- There was a very strong preference for siting the experiment at the 4850L depth.
- Given the current state of knowledge and considering the factors listed above, the committee favored the Water Cerenkov option.