

**Director's Review of the
Proton Power Upgrade (PPU) Project at ORNL
August 23-25, 2022**

[Zoom link](#)

Meeting ID: 160 377 1117

Passcode: 546731

AGENDA

Tuesday, August 23, 2022

9:00 am Full Committee Executive Session.....Carl Strawbridge
9:30 am ORNL Welcome Thomas Zacharia
9:40 am NScD Welcome Ken Andersen
9:50 am Jefferson Lab Perspective..... Stuart Henderson
10:00 am Project Overview, A1 John Galambos
10:30 am Break
10:45 am Project Management, A2 Mark Champion
11:15 am Technical Systems Overview, A3 Sang-Ho Kim
11:45 am Transition to Operations, A4 Glen Johns
12:15 pm Discussion
12:30 pm Lunch Break
1:30 pm Subcommittee Breakout Sessions
 Session B1—Superconducting Linac
 Session B2—First Target Station Systems
 Session B3—Radio-Frequency Systems
 Session B4—Ring Systems
 Session B5—Conventional Facilities
 Session B6—ESH&Q
 Session B7—Cost and Schedule
 Session B8—Project Management
4:00 pm Full Committee Executive Session

Wednesday, August 24, 2022

9:00 am Full Committee Executive Session / Response to Questions
9:30 am Subcommittee Breakout Sessions / Subcommittee Working Sessions
12:00 pm Lunch
1:00 pm Subcommittee Breakout Sessions / Subcommittee Working Sessions
3:00 pm Full Committee Executive Session
4:00 pm Adjourn

Thursday, August 25, 2022

9:00 am Full Committee Executive Session / Dry Run
11:00 am Closeout Presentation to ORNL/PPU Management
12:00 pm Adjourn

BREAKOUT AGENDA
25 minutes for each presentation

Session B1—Superconducting Linac

Tuesday, August 23

- 1:30 pm Superconducting Linac Overview, B1-1Matt Howell
- 1:55 pm Cavities, B1-2 John Mammosser
- 2:20 pm Cryomodule Fabrication, B1-3.....Ed Daly
- 2:45 pm Cryogenics, B1-4.....Matt Howell
- 3:10 pm Discussion
- 4:00 pm Full committee executive session

Wednesday, August 24

- 9:30 am System Integration, B1-5..... John Mammosser
- 9:55 am Utilities, B1-6 Chris Stone
- 10:20 am Controls, B1-7 Aaron Coleman
- 10:45 am Discussion
- 12:00 pm Lunch
- 1:00 pm Discussion / committee working time
- 3:00 pm Full committee executive session

Session B2—First Target Station Systems

Tuesday, August 23

- 1:30 pm First Target Station Overview, B2-1Bernie Riemer
- 1:55 pm 2 MW Target, B2-2 Kevin Johns
- 2:20 pm Mercury Process System, B2-3 Drew Winder
- 2:45 pm Target Utility System, B2-4Greg Stephens
- 3:10 pm Discussion
- 4:00 pm Full committee executive session

Wednesday, August 24

- 9:30 am Moderator Cryogenic System. B2-5Bernie Riemer
- 9:55 am Mercury Off-Gas Treatment System, B2-6Greg Stephens
- 10:20 am Controls, B2-7 Angel Berrocal
- 10:45 am Discussion
- 12:00 pm Lunch
- 1:00 pm Discussion / committee working time
- 3:00 pm Full committee executive session

Session B3—Radio-Frequency Systems

Tuesday, August 23

- 1:30 pm RF Systems Overview, B3-1 John Moss
- 1:55 pm Low-Level RF System, B3-2 Mark Crofford
- 2:20 pm High-Power RF System, B3-3 John Moss
- 2:45 pm New Linac Modulators, B3-4 David Anderson
- 3:10 pm Discussion
- 4:00 pm Full committee executive session

Wednesday, August 24

- 9:30 am Existing Linac Modulators, B3-5 Chris Pappas
- 9:55 am Utilities, B3-6 John Kristy
- 10:20 am RF Controls and Global Controls, B3-7 Alan Justice
- 10:45 am Discussion
- 12:00 pm Lunch
- 1:00 pm Discussion / committee working time
- 3:00 pm Full committee executive session

Session B4—Ring Systems

Tuesday, August 23

- 1:30 pm Ring Overview, B4-1 Nick Evans
- 1:55 pm Injection Region, B4-2 Nick Evans
- 2:20 pm Injection Region Magnet Fabrication, B4-3 David Harding
- 2:45 pm Extraction Region, B4-4 Yugang Tan
- 3:10 pm Discussion
- 4:00 pm Full committee executive session

Wednesday, August 24

- 9:30 am Utilities, B4-5 Greg Norman
- 9:55 am Injection Dump Imaging System, B4-6 Dave Willis
- 10:20 am Ring Control Systems, B4-7 Kelly Mahoney
- 10:45 am Beam Power Limit System, B4-8 Patrick Bong
- 11:10 am Discussion
- 12:00 pm Lunch
- 1:00 pm Discussion / committee working time
- 3:00 pm Full committee executive session

Session B5—Conventional Facilities

Tuesday, August 23

- 1:30 pm Conventional Facilities Overview, B5-1Mark Connell
- 1:55 pm RTBT Stub Construction Plans, B5-2 Brett Riffert
- 2:20 pm Controls, B5-3 Derrick Williams
- 2:45 pm Discussion
- 4:00 pm Full committee executive session

Wednesday, August 24

- 9:30 am Discussion / committee working time
- 12:00 pm Lunch
- 1:00 pm Discussion / committee working time
- 3:00 pm Full committee executive session

Session B6—ESH&Q

Tuesday, August 23

- 1:30 pm Introduction, B6-1 Sam McKenzie
- 1:55 pm ES&H Performance, B6-2Jim Goodpasture
- 2:20 pm PPU Quality Assurance, B6-3Bryan Robertson
- 2:45 pm Jefferson Lab Quality Assurance, B6-4 Jacob Harris
- 3:10 pm Discussion
- 4:00 pm Full committee executive session

Wednesday, August 24

- 9:30 am Discussion / committee working time
- 12:00 pm Lunch
- 1:00 pm Discussion / committee working time
- 3:00 pm Full committee executive session

Session B7—Cost and Schedule (joint with B8 on Tuesday afternoon & Wednesday morning)

Tuesday, August 23

- 1:30 pm Attend Session B8 – Project Management
- 4:00 pm Full committee executive session

Wednesday, August 24

- 9:30 am Attend Session B8 – Project Management
- 9:55 am Discussion / drill downs / interviews / committee working time
- 12:00 pm Lunch
- 1:00 pm Discussion / drill downs / interviews / committee working time
- 3:00 pm Full committee executive session

Session B8—Project Management

Tuesday, August 23

1:30 pm	Introduction, B8-1	John Galambos
1:55 pm	Project Management, B8-2	Mark Champion
2:20 pm	Cost and Schedule, B8-3	Wayne Steffey
2:45 pm	Risk, B8-4.....	Mandy Greenwood
3:10 pm	Discussion	
4:00 pm	Full committee executive session	

Wednesday, August 24

9:30 am	Procurement, B8-5.....	Markus Camfield
9:55 am	Jefferson Lab Project Management, B8-6	Ed Daly
10:20 am	ESH&Q, B8-7	Sam McKenzie
10:45 am	Discussion	
12:00 pm	Lunch	
1:00 pm	Discussion / committee working time	
3:00 pm	Full committee executive session	