Homework/explicitly show slides for:

1. Overview of software to be used and status

e.g., GEANT-4 for simulation

1. Overview of databases used and how
2. Overview of computing requirements + spreadsheets showing all bottoms-up calculations and assumed running days for next 2-3 years. Level of detail: core-seconds per event for a specific (named) core, e.g. Haswell 2.7 GHz
3. Overview of computing model showing flow of data from detector to Phys Rev Letter (simulation, calibration, reconstruction, …) including how physicists will work, what software tools / applications you plan to use

Fold in weeks of operations as follows (best guess scenario):

Hall A Hall B Hall C Hall D

FY16 16 0 0 16 (perhaps 35% efficiency)

FY17 25 10 10 25 (guess for Halls B and C)

FY18 18 18 18 18 (25 with multiplicity of 2.9)

FY19 22 22 22 22 (30 with multiplicity of 2.9)

* At best 76 PAC days per year per Hall