



CAA OIR Committee NSF Budget Scenarios

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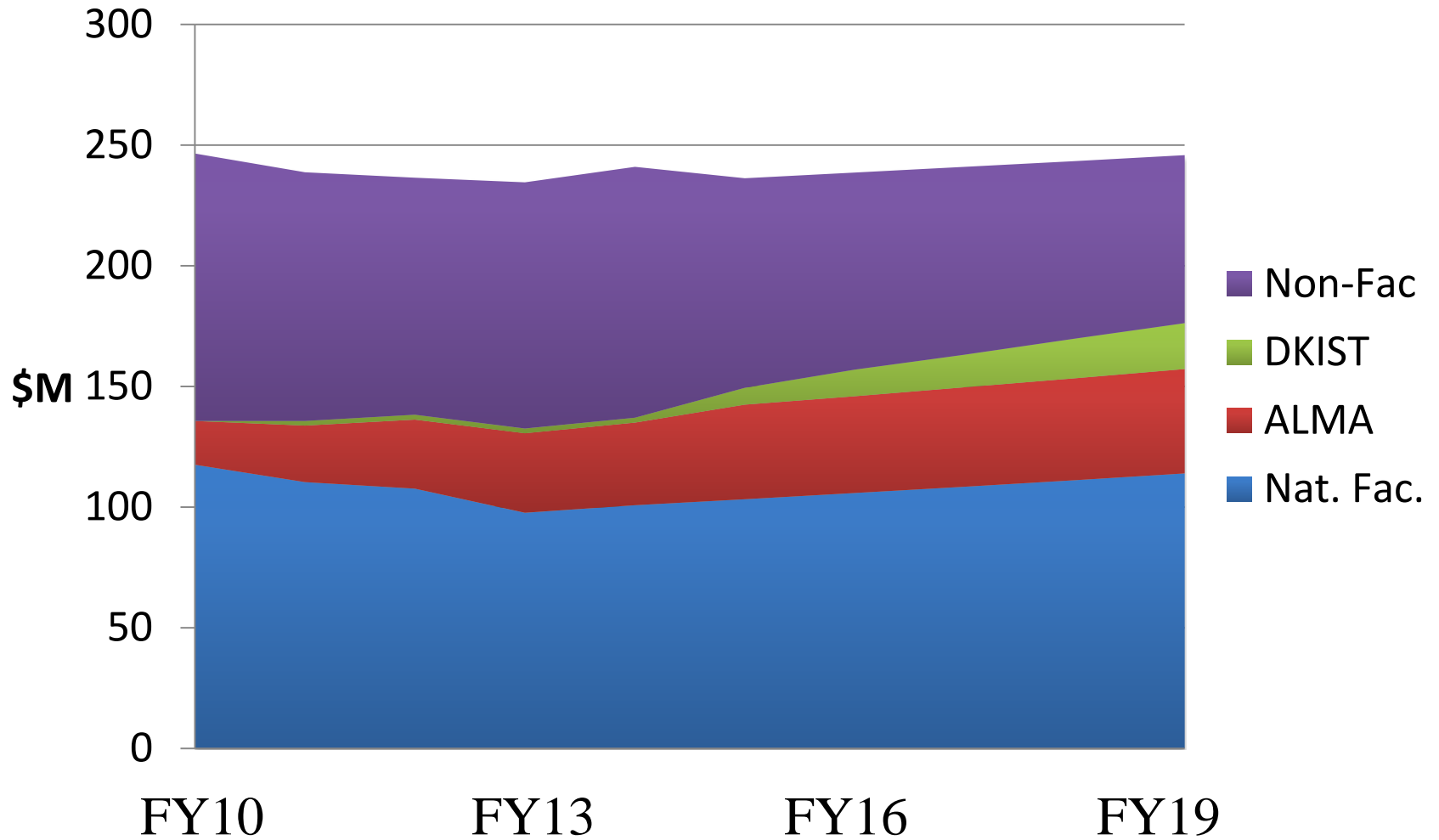


Budget Assumptions/Realization

- Astro2010
 - 4%/yr real growth after FY10 (6% with inflation)
- Portfolio Review Scenario A
 - 1% decrease FY11-FY12, FY13=FY12, 3%/yr increase FY13-FY16, 5%/yr increase thereafter
- Portfolio Review Scenario B
 - 3%/yr decrease FY12-FY14, flat FY14-FY16, 3%/yr increase thereafter
- Forecast (Realization)
 - Actuals approximately flat, FY11-FY15
 - No Scenario B downturn, no Scenario A recovery
 - Assume 1%/yr growth post-FY15, with facilities growing 2.5%/yr (inflation)

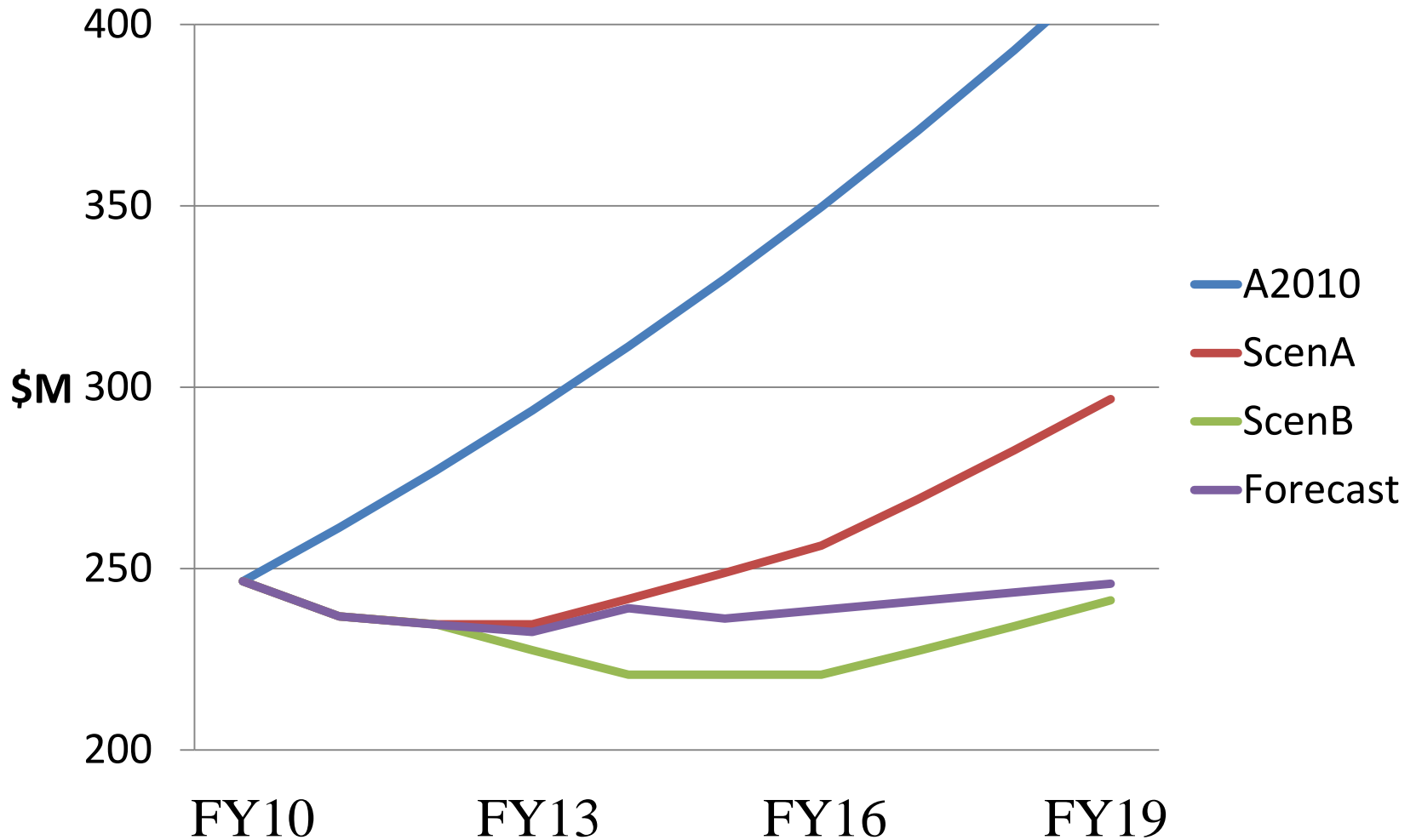


Current Forecast, no Divestment





Portfolio Review Scenarios





Portfolio Review Status

- AST issued Dear Colleague Letter NSF 14-022 on December 20, 2013
 - Lays out future steps for all telescopes that were either recommended for divestment in the near term or for future consideration
- Partner negotiations ongoing
- NSF now beginning environmental review of alternatives for a number of telescopes, while consideration of some others awaits specific external milestones
 - Contractor on board, statement of work just being issued
 - Expect outcome of environmental review and selection of preferred alternatives in 2015



OIR Telescopes

- **2.1m telescope.** NOAO has issued call for interest in operating; deadline is very soon
- **Mayall 4m telescope** selected by DOE as preferred platform for Dark Energy Spectroscopic Instrument
 - NSF may provide bridge funding to get to DESI, some public access, pending negotiations
- **WIYN Telescope.** New partners being sought
 - NSF discussing possible collaboration with NASA for NOAO time
- **Gemini:** Negotiating with Korea to take over Australia share
- **SOAR:** Commitment ends in 2018; subsequent status still to be determined



AST Budget Free Energy 2015 to 2020

- Individual Investigator Grants Programs
 - **Not available!** AST will not decrease!
- Facility Divestment per PR Recommendations
 - Furthest along wrt Kitt Peak telescopes and transformation of NOAO
 - Savings in 2015 at small level, more in 2016, and more by 2019
 - Dependencies on interagency discussions
 - Studies also in progress on radio facilities
- Mid-Scale Innovations Program (MSIP)
 - 1st competition just completed
 - 2nd solicitation in FY15 for FY16/17 funds
- New Facilities a sink
 - DKIST ops ramping up, LSST ops to ramp up at end of decade