- Introduction

- Model Description
  - Unsteady HEC-RAS sediment transport model
  - Goal: provide sediment outputs to help reparametrize HSPF model
    - Sediment loading curves for sands and gravels, silts, and clays at Marietta gage, Safe Harbor Dam and Holtwood Dam

- Status Update
  - Model calibrated for both hydraulics (Marietta gage) and sediment transport (volume change)
  - Model behavior generally as expected: deposition at lower flows, scour during large events
  - Uncertainty in upper range of fit values
    - Preliminary curves sent last week
    - Few final tweaks to calibration
    - Production runs with historic flood hydrographs
  - Current plan to update curves during next two weeks

Holtwood Dam, September 10, 2011

(TheGates1210 on YouTube)

Exelon Generation.