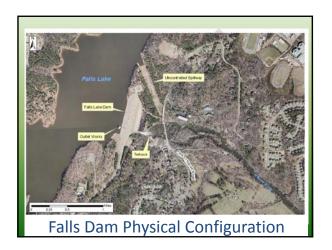
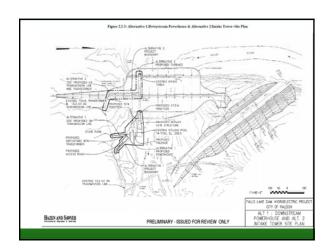


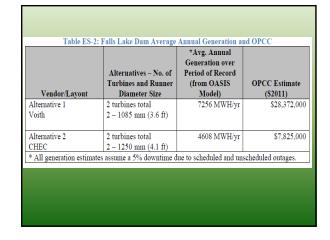
Project Genesis

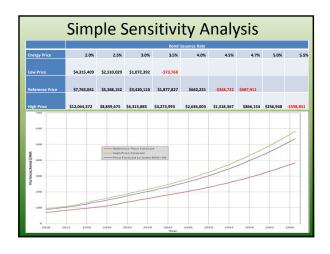
- February 15, 2009, Community Hydro LLC, made application to the Federal Energy Regulatory Commission (FERC) for a permit to develop a facility to harness hydroelectric power from Falls Lake.
- On October 7, 2009, the Raleigh City Council authorized the City staff to ask FERC for a competing permit.
- On June 28, the City Council approved a 10-year Capital Improvement Program (CIP) that allocated a total of \$300,000 for the initial phases of the project.
- On November 19, 2010, the City was awarded a Preliminary Permit to conduct studies and prepare a license application for a hydroelectric project (FERC Project No. P-13623)

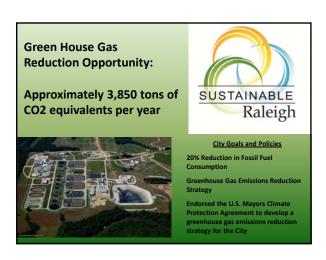


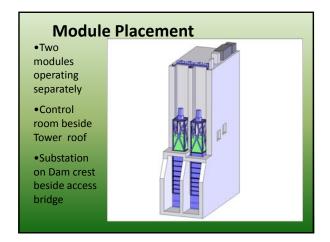


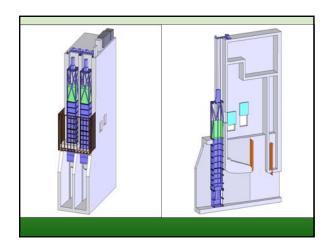
Alternative Vendor	No. of Turbines and Runner Diameter Size	Rated Net Head (ft)	Hydroelectric Hydraulic Capacity (cfs)	Hydroelectric Generation Capacity (MW)
Alternative 1 Voith	2 turbines total 2 - 1085 mm (3.6 ft)	50.0	500	1.90
Alternative 2 CHEC	2 turbines total 2 - 1250 mm (4.1 ft)	40.0	600	1.70

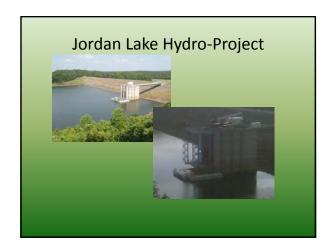












Final Thoughts and Next Steps

- The impact of the USCOE discretional authority in operating the Lake is significant.
- The environmental impact of the Project is relatively low and the Project has the tacit support of permitting and regulatory agencies.
- Under the Traditional Licensing Process, our first agency and public meeting will occur on January 23, 2012 at the E.M. Johnson WTP.

