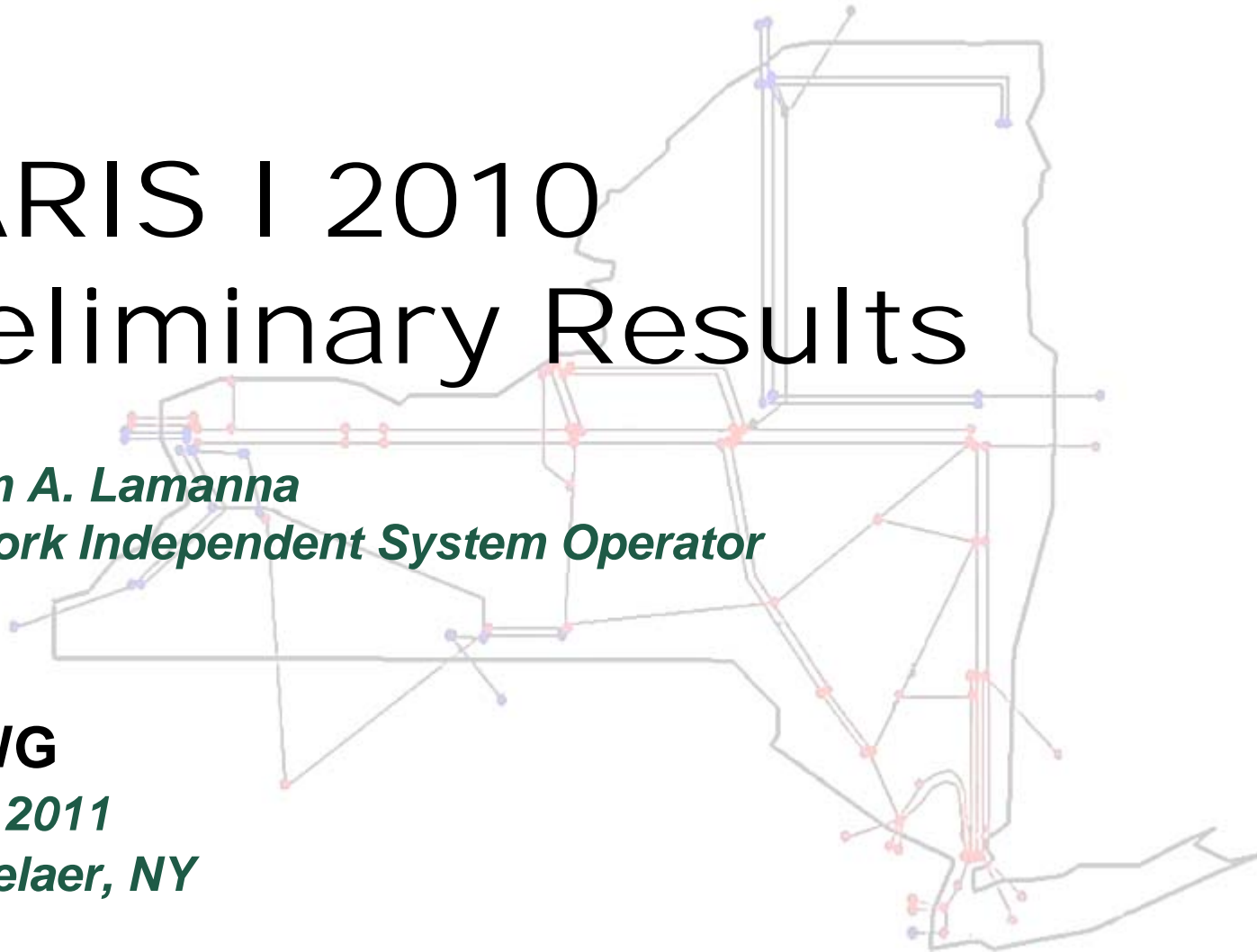


# CARIS I 2010 Preliminary Results

*William A. Lamanna  
New York Independent System Operator*

**ESPWG**  
*May 9, 2011  
Rensselaer, NY*



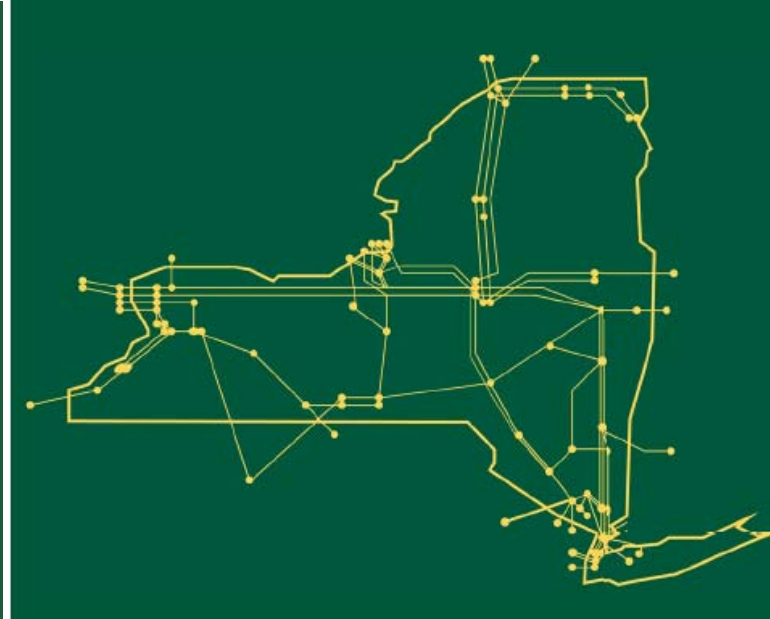
# Modeling Results vs 2010 Actual

- ◆ Imports are within ten percent
- ◆ Internal interface flows are within ten percent
- ◆ NYCA generation is within 5 percent

# Modeling Next Steps

- ◆ Identified top two constraints:  
Central- East, Leeds-PV fall within 20 percent of historic levels
- ◆ Additional constraint investigation is being conducted to match up constraints and identify groupings
- ◆ A further tuning of hurdle rates and zonal generation

The New York Independent System Operator (NYISO) is a not-for-profit corporation responsible for operating the state's bulk electricity grid, administering New York's competitive wholesale electricity markets, conducting comprehensive long-term planning for the state's electric power system, and advancing the technological infrastructure of the electric system serving the Empire State.



[www.nyiso.com](http://www.nyiso.com)