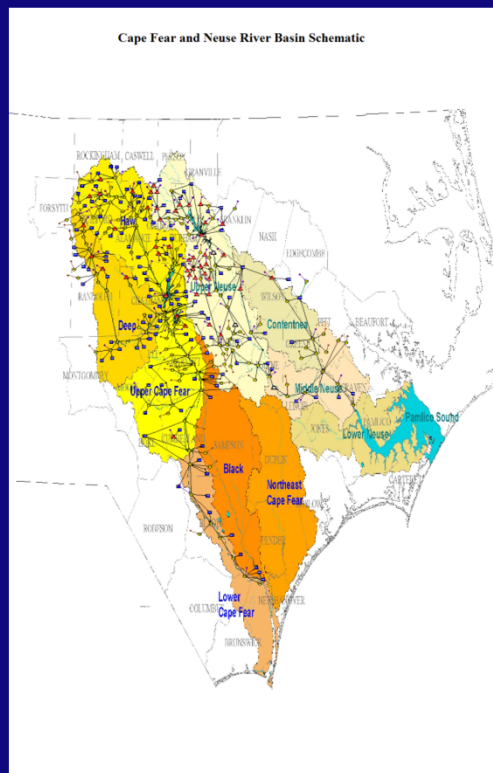


Jordan Lake Water Supply Storage Allocation Round 4

Cape – Neuse Hydrologic Model Update

May 24, 2011



NORTH CAROLINA DIVISION OF WATER RESOURCES

Jordan Lake Water Supply Storage Allocation Round 4 & Cape Fear – Neuse Hydrologic Model Update

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- Opening Remarks
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 - Agricultural Water Use
- Legislative Update
- Wrap Up and Next Steps

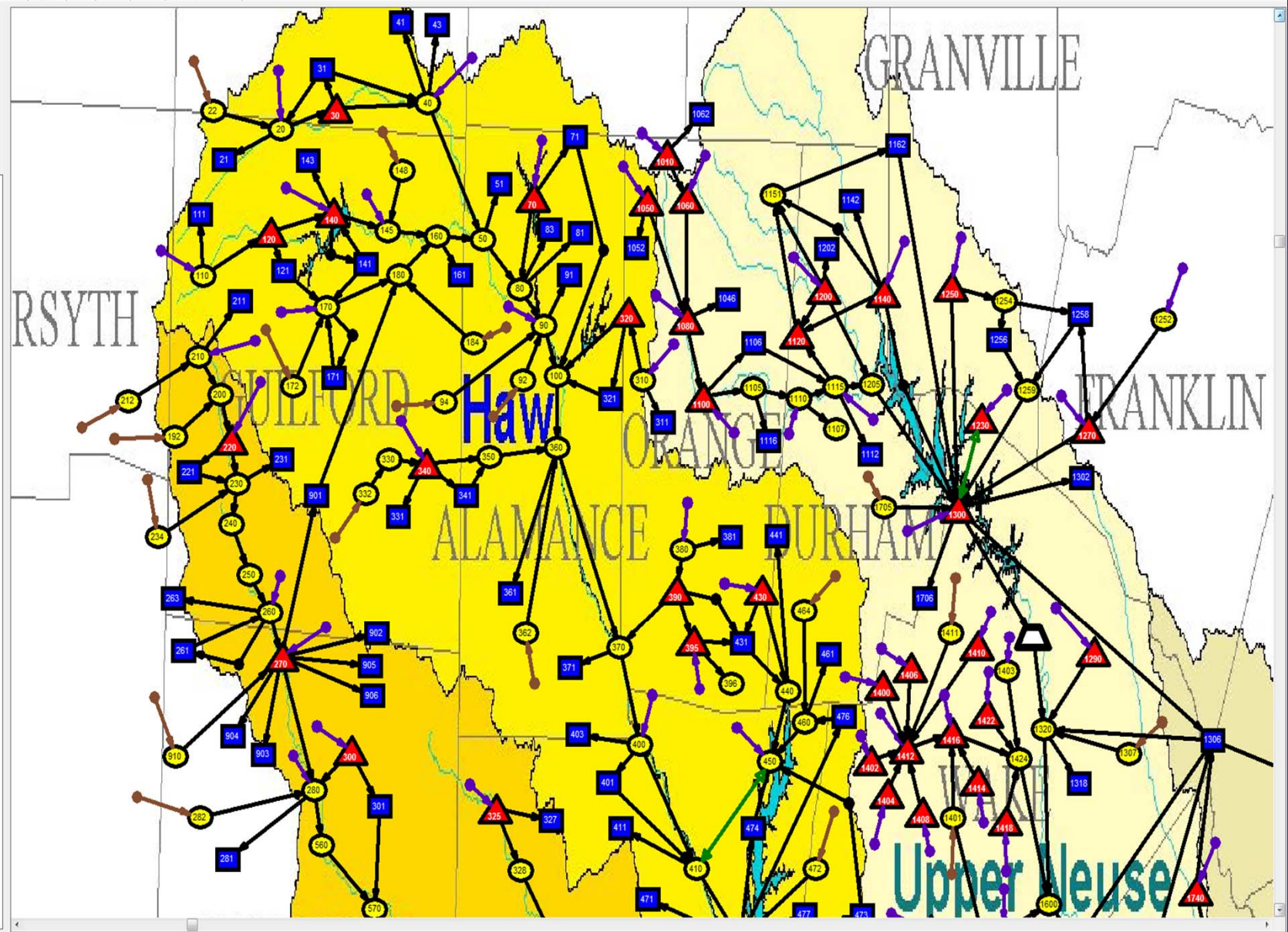
Zoom 400 %

NODES

- Yellow circle
- Blue square
- Red triangle
- Black triangle

ARCS

- Green arrow
- Red arrow



Jordan Lake Water Supply Storage Allocation Round 4 & Cape Fear – Neuse Hydrologic Model Update

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Revised Timeline

- 4-18-11 – Notice to proceed to Hydrologics
- 6-30-11 – DWR update the historical withdrawal/Discharge data.
- 11-1-11 – Draft model complete & users provide to DWR updated 2060 projections.
- 1-18-12 – Model update completed.
- 8-1-12 – Draft Cape Fear Water Supply Plan completed.
- 9-1-12 – Applicants submit final Jordan applications.
- 1-2013 – Final Water Supply Plan and DWR's Allocation recommendations presented to the EMC.
- 11-2013 – EMC makes final allocation determination, if there are no IBTs.

Jordan Lake Water Supply Storage Allocation Round 4 & Cape Fear – Neuse Hydrologic Model Update

Agenda

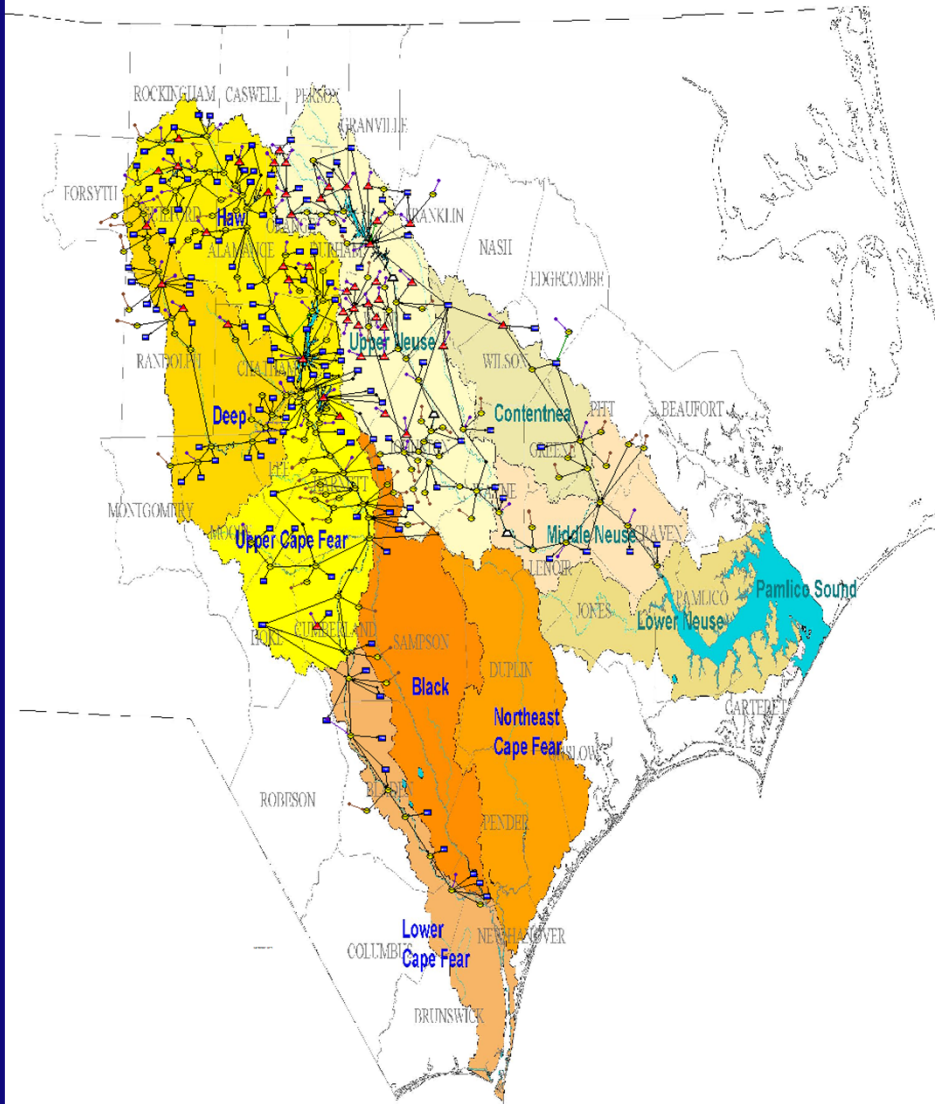
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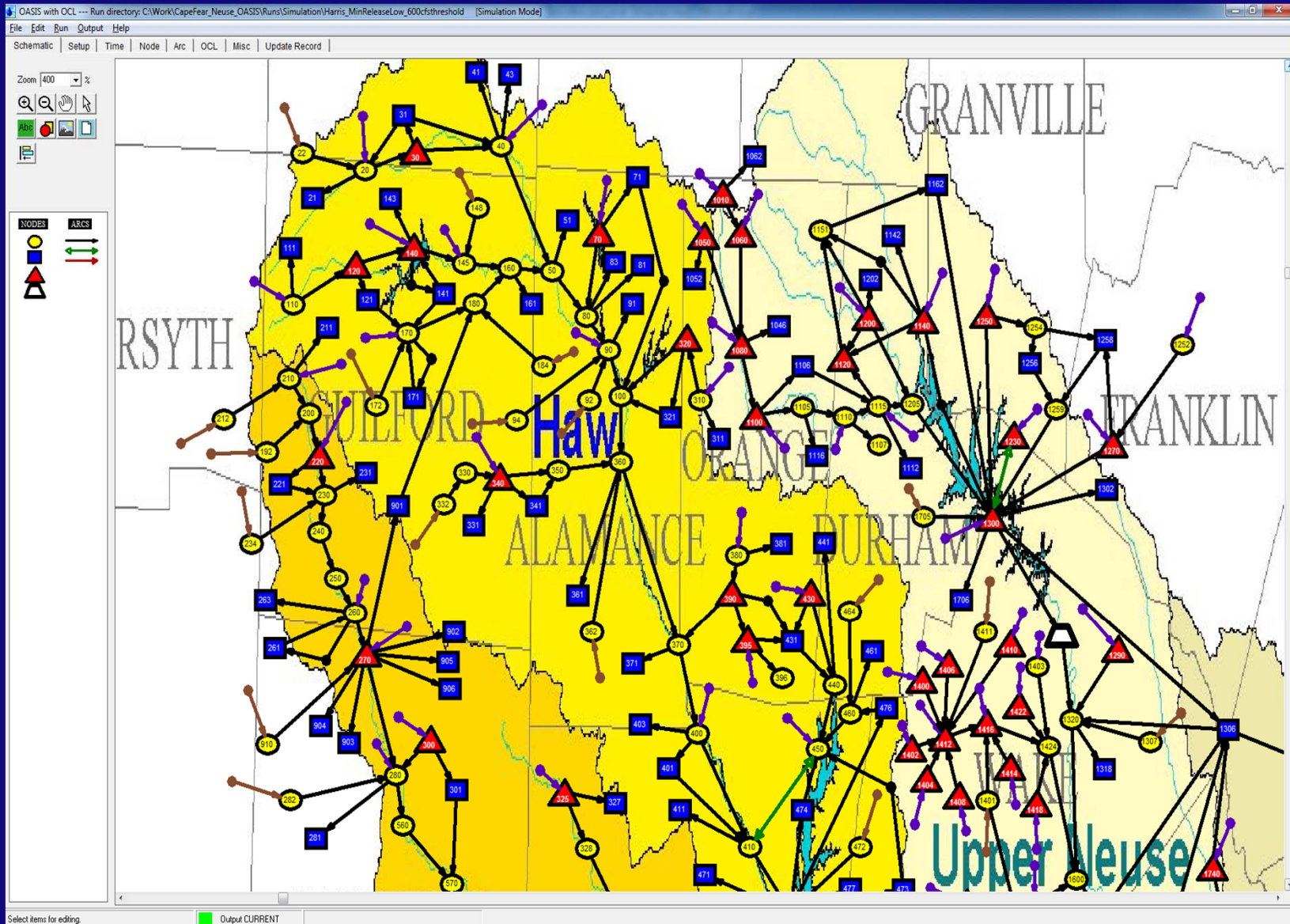
Jordan Lake Water Supply Storage Allocation Round 4 & Cape Fear – Neuse Hydrologic Model Update

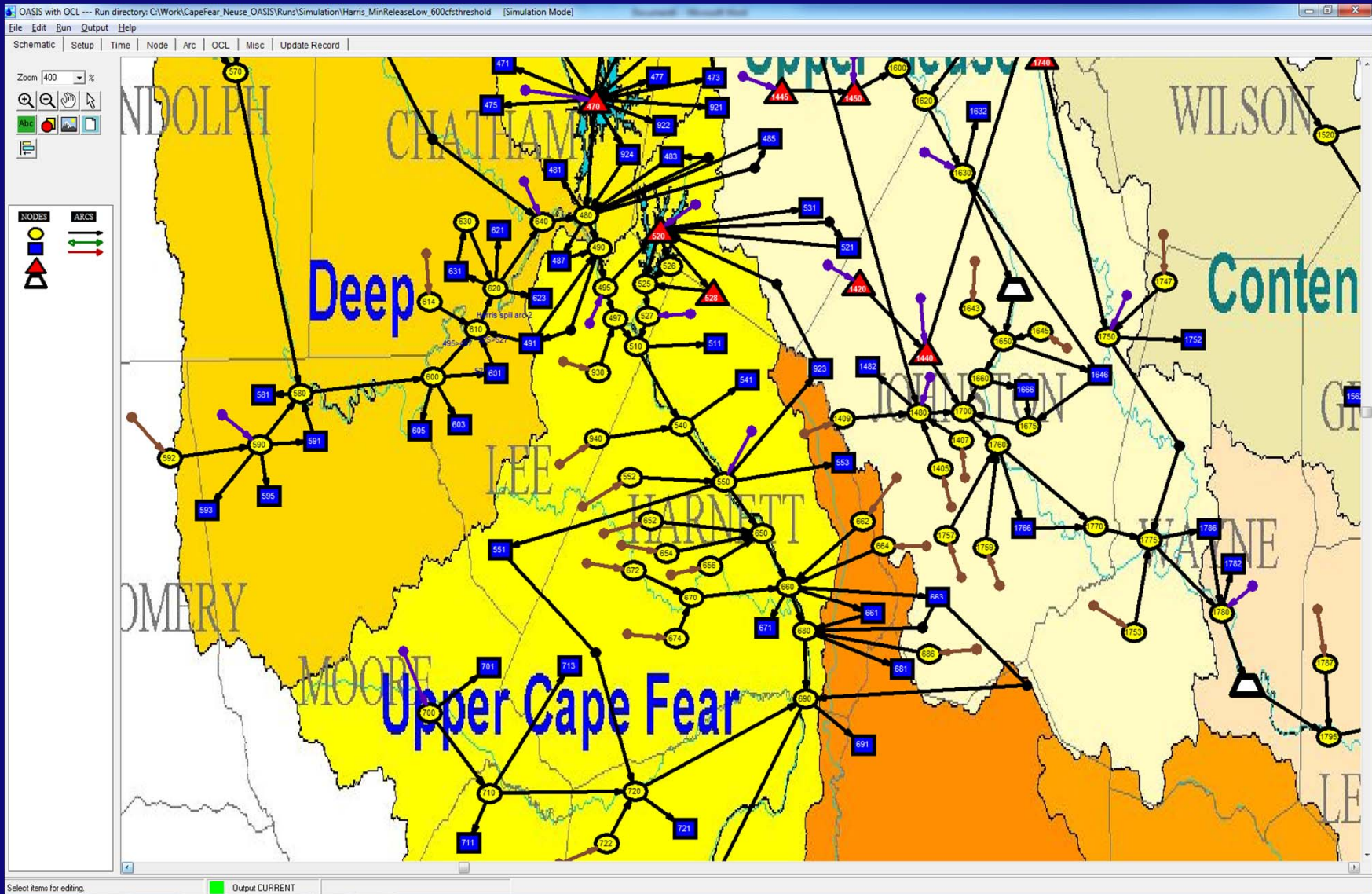
Agenda

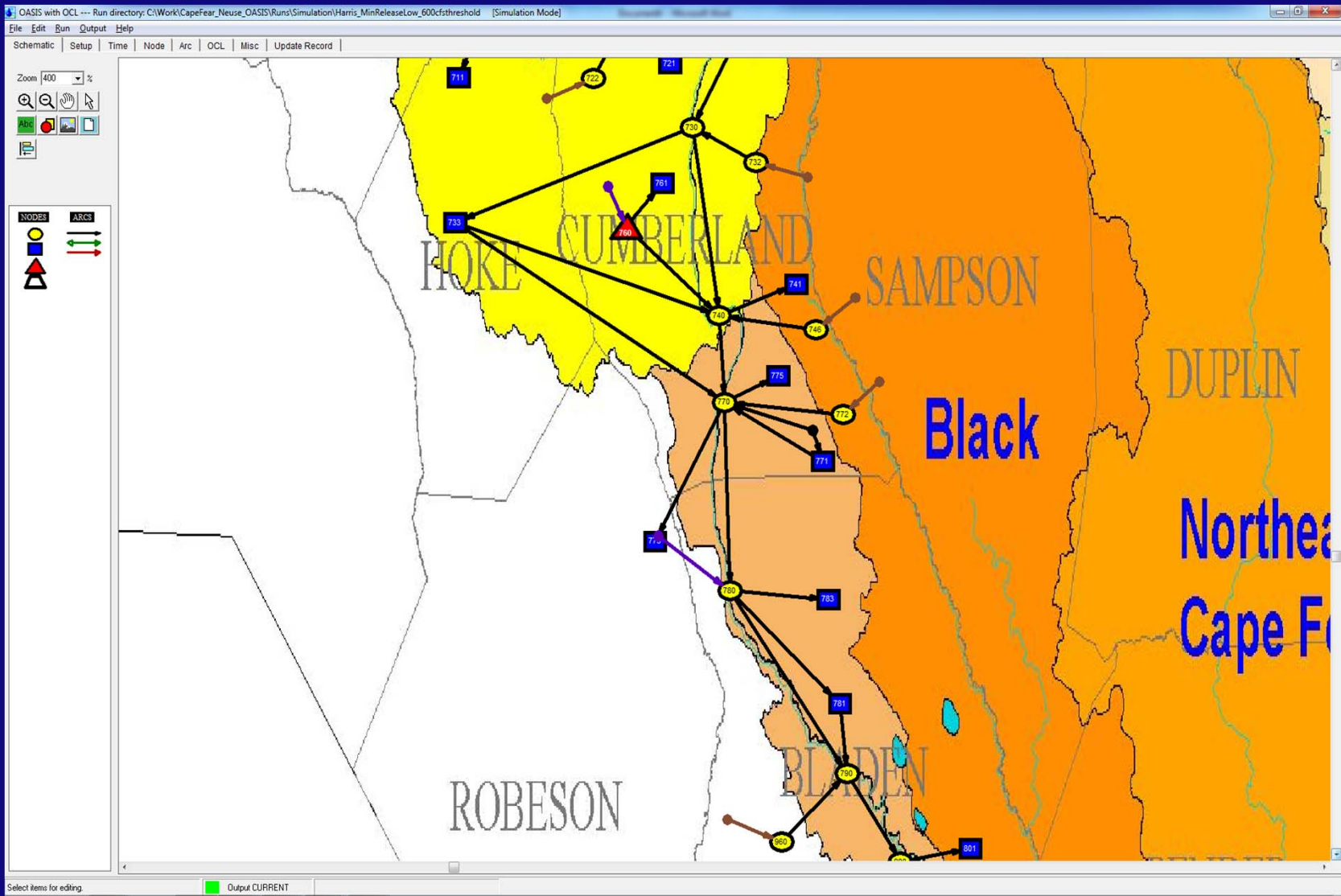
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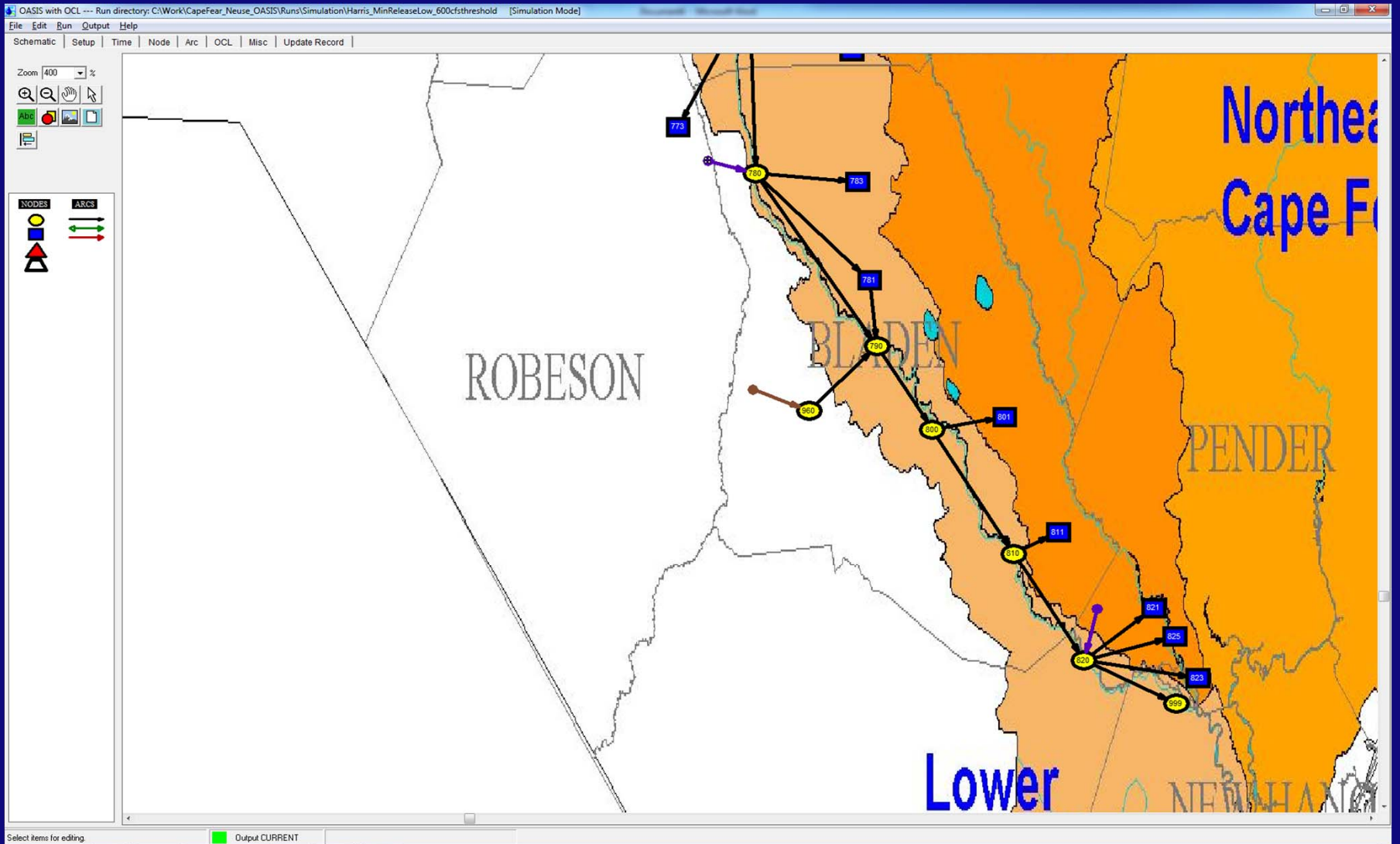
Cape Fear and Neuse River Basin Schematic

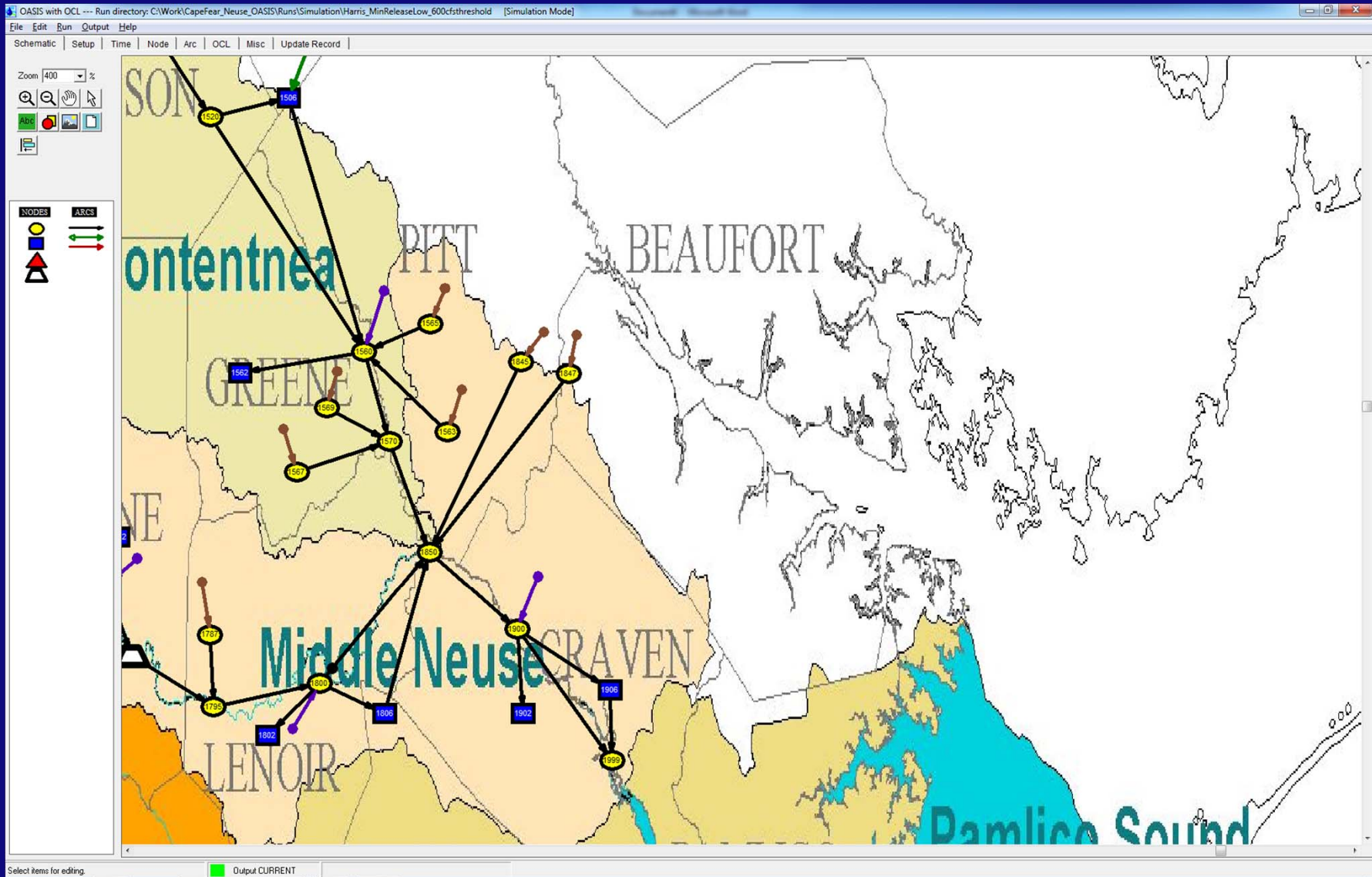












Jordan Lake Water Supply Storage Allocation Round 4 & Cape Fear – Neuse Hydrologic Model Update

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Jordan Lake Water Supply Storage Allocation Round 4 & Cape Fear – Neuse Hydrologic Model Update

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2011 NC Bills

Bill Number	Short Title		Companion Bill
S638	Agricultural Water Resources Assistance	Fund farm water efficiency measures.	
H711	Clarify Water & Wells Rights/Private Property	Local governments can not regulated wells outside of it's jurisdiction.	S676
S598	EIS to Consider Adverse Impacts on Farms		-
H586	Enhance Water Supply Funding	Clean Water Management Trust Fund would be able to farm land for reservoir construction.	
H643	Exempt CCPCUA from IBT Requirements		
S543	Goose Creek IBT Moratorium	Funding for EA.	
S231	Interconnection of Public Water Supply Systems		-
H787	NC Water Efficiency Act	Similar to S427.	
S427	NC Water Security Act	Add a water efficiency planning component to local water supply plans. Targets 2016 100 gpcd, 2025 75 gpcd, & 2035 45 gpcd.	-
H609	Promote Water Supply Development	DENR assists local governments get their Federal permits.	
H621	Protect Landowner Water Rights	Ag water rights and exempt farm ponds from Dam Safety.	S492
H220	Waccamaw River/Isolated Basin		S213
S504	Water Infrastructure Authority/Water Grants	Consolidate all funding in a new Authority.	
S668	Water/Wastewater Central Database		

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- *Wrap Up and Next Steps*

Questions

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