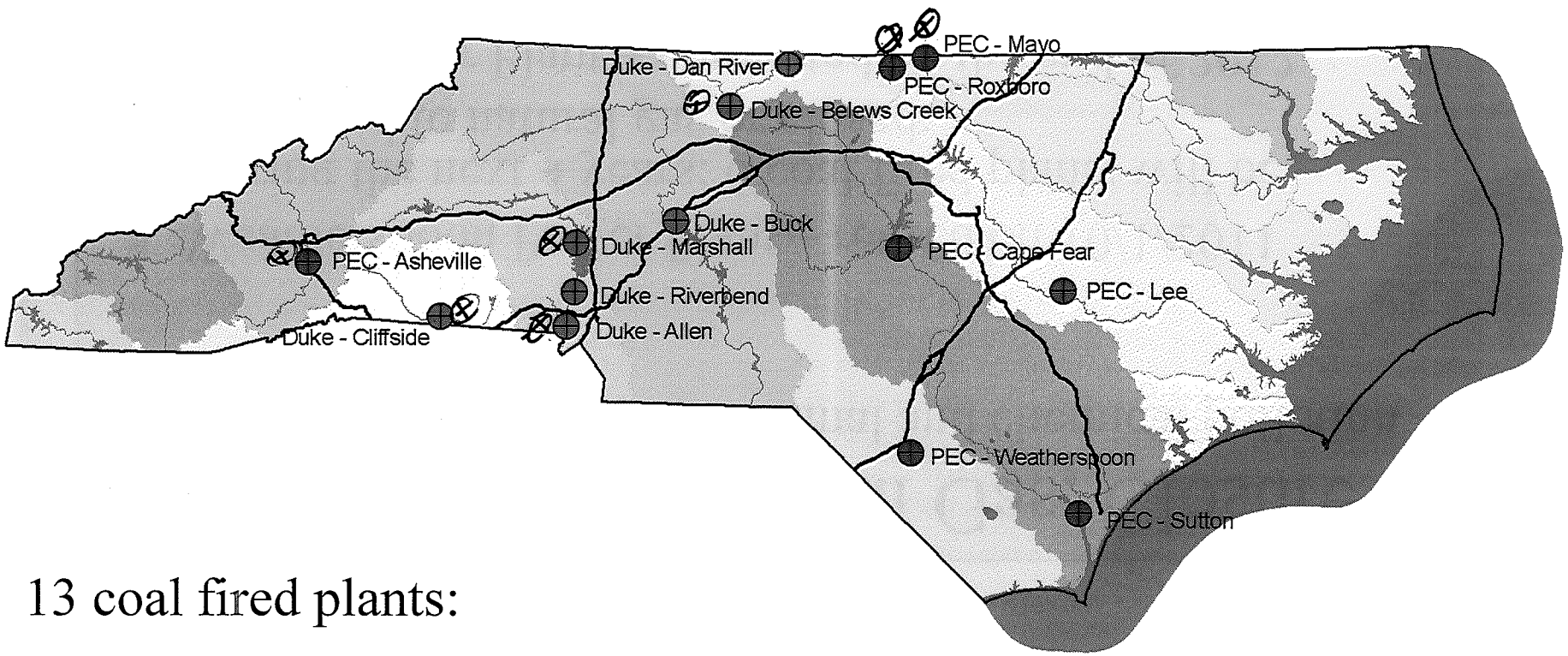
Steam Electric Plants With Coal Ash Ponds



13 coal fired plants:

7 Duke Energy

6 Progress Energy

Future Trends

- Conversion to Natural Gas, Closure
  - Water Quality Benefits: thermal and chemical pollution will be reduced.
  - Weatherspoon Power Plant – retired on 10/1/2011
  - During the next 4 years: 6 coal fired plants will be converted to natural gas or closed:
  - 1) Lee Power Plant – converted by the end of 2012
  - 2) Sutton Power Plant – converted by the end of 2013
  - 3) Buck Steam Station – converted by the end of 2014
  - 4) Dan River Steam Station – was ~~converted~~ by 2014
  - 5) Cape Fear Power Plant – retired by 2014
  - 6)Riverbend Steam Station – ~~retired by 2015~~

Duke Energy Stations

Station	FGD System	Ash Pond	Landfills (only coal ash and FGD waste)
1) Riverbend Gaston County	No	2 active	No
2) Marshall Catawba County	Yes Dry fly ash handling	1 active	1 inactive (coal ash) 1 active (FGD waste) 1 active (coal ash)
3) Allen Gaston County	Yes	1 active 1 retired	1 active (coal ash, off-spec gypsum, sludge)
4) Cliffside Rutherford County	Yes Dry fly ash handling – Unit 5	1 active 2 retired	1 active (coal ash, FGD waste)
5) Buck Rowan County	No	3 active	No
6) Dan River Rockingham County	No	2 active	No
7) Belews Creek Stokes County	Yes Dry fly ash handling	1 active	1 inactive (coal ash) 2 active (1 - coal ash and sludge, 1 - gypsum)

Progress Energy Plants

Station	FGD System	Ash Pond	Landfills (only coal ash and FGD waste)
1) Asheville Buncombe County	Yes	1 active 1 retired	No
2) Roxboro Person County	Yes	1 active 1 retired	1 inactive (coal ash) 1 active (coal ash, FGD waste)
3) Mayo Person County	Yes	1 active	No
4) Sutton New Hanover County	No	2 active 1 retired	No
5) Cape Fear Chatham County	No	2 active 3 retired	No
6) Weatherspoon Robeson County	No	1 active	No Facility retired in 2011
7) Lee Wayne County	No	1 active 3 retired	No