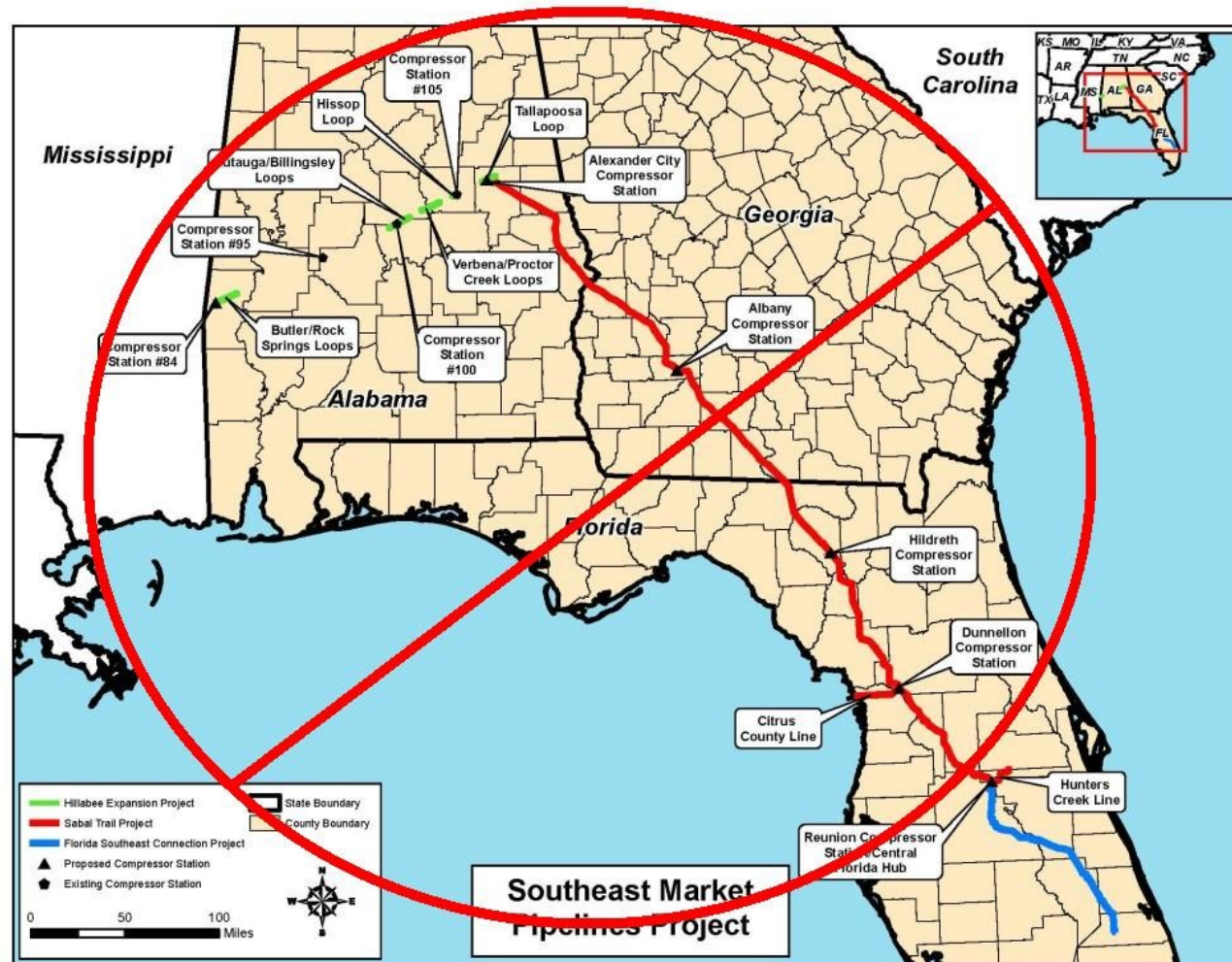


Sabal Trail Pipeline



A Hazardous Sabal Trail to LNG Export

- AL-GA-FL Sierra Club Statement:
 - Water more important: do Solar power instead
- 100-foot RoW, 36-inch pipe, AL-GA-FL + Transco & FSC
 - Hazards: Spectra, Williams, etc. corrosion, leaks, explosions
- Georgia Water Coalition Dirty Dozen,
 - #9: Sabal Trail threatens rivers and Floridan Aquifer
- FPL's “need” for FL power & eminent domain
 - Conservation, efficiency, solar: faster, cheaper, and far cleaner
- LNG export of fracked methane for 5 times domestic price
 - And those 3 already-authorized LNG export operations
- What can be done

AL-GA-FL Sierra Club Statement against Sabal Trail 2014-03-04

- “The Georgia, Florida, and Alabama Chapters of the Sierra Club **oppose** the 650 mile Sabal Trail Transmission natural gas pipeline that would carry **fracked** natural gas extracted from Pennsylvania and Texas **through Alabama, Georgia, and Florida....**
- The proposed pipeline would cut a wide swath through pristine lands with resulting **negative impacts on endangered species, critical wildlife habitat, invaluable wetlands, longleaf pine forests, the fragile and irreplaceable Floridian Aquifer, streams, rivers, and springs, and private property rights.** Furthermore, expanded reliance on fracked natural gas only serves to feed the increasingly destructive effects of drilling for and fracking of shale deposits that have destroyed drinking water resources and entire communities across the country.
- The Sunshine State, which will be the sole recipient of the fracked natural gas transported through this pipeline, should **expand energy efficiency measures and solar power capacity** rather than increase its dependence on natural gas which already accounts for more than 60% of Florida’s electricity generation.”
- <http://spectrabusters.org/2014/03/04/sierra-club-chapters-oppose-sabal-trail-gas-pipeline/>

AL-GA-FL Sierra Club Statement read to FERC by Danielle Jordan



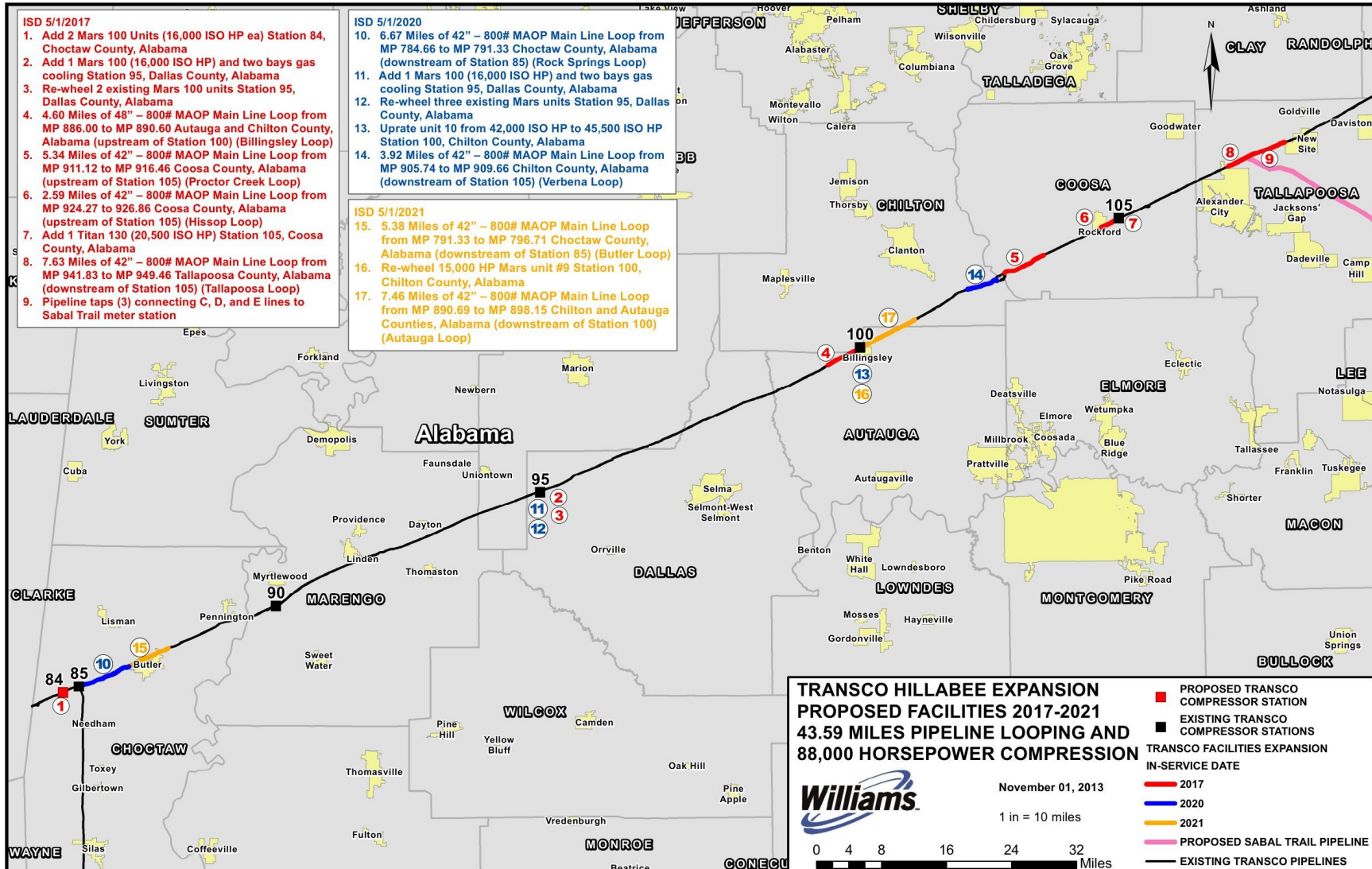
Author affiliations

- John S. Quarterman
 - Member, Sierra Club, Georgia Chapter,
 - not speaking on behalf of Sierra Club
 - President, WWALS Watershed Coalition, Inc.,
 - Conserving the Withlacoochee, Willacoochee, Alapaha, and Little River systems in south Georgia and north Florida
 - www.wwals.net, wwalswatershed@gmail.com
 - Board member, SpectraBusters, Inc., a Georgia nonprofit, landowners and others, with board members from AL,GA,FL:
 - “We ain't afraid a no pipeline”
 - SpectraBusters.org, spectrabusters@gmail.com

Southeast Market Pipeline Project

- AL: Hillabee Expansion Project of Transco by Williams Co.
- AL-GA-FL: Sabal Trail Transmission joint venture by Spectra Energy of Houston, TX and NextEra Energy of Juno Beach, FL, parent of FPL
- FL: Florida Southeast Connection (FSC) by FPL
- Same Environmental Assessment for all 3
- Same contractor for EA: FERC won't release RFP or proposals

Hillabee Expansion Project



Hillabee Expansion Project

- FERC Docket PF14-06 pre-filed 2013-11-04
- Expands existing Williams Transco pipeline
 - Compressor station Choctaw County
 - 43.59 miles additional pipe, etc.
- Connect to Sabal Trail, Alexander City, AL
- Expects formal FERC filing late Nov 2014
- <http://spectrabusters.org/2014/10/18/transco-plans-ferc-filing-in-the-next-month-or-so/>

Transco Explosion Marengo Co. AL



Transco Damage Marengo Co. AL

- 3 Dec 2011, Highway 69 toward Myrtlewood
- Flames 100 feet up, heard > 30 miles away
- 50-foot crater, incinerated 65 acres of trees
- Fried five acres of soil into pottery
- Launched 43-foot pipe section missile 190 feet
- Cause: **corrosion**
- <http://spectrabusters.org/2014/01/26/a-36-inch-pipeline-blews-up-in-alabama/>

Williams Co. Hazards

- 2014-04-23: Williams explosion and fire, Opal, WY
- 2014-04-05: Williams Oak Grove explosion, Marshall County, WV
- 2014-03-31: Williams fire and explosion near Plymouth, WA
- 2014-01-10: 3-month Williams methane leak, Suavie Island, OR
- 2012-10-26: PHMSA Final Order, \$74,300 civil penalty: Transco
- 2012-09-25: PHMSA Corrective Action Order
- 2011-12-03: Williams Transco, Marengo County, AL
- 2008-11-14: Williams Transco explosion in Appomattox, VA
- <http://spectrabusters.org/hazards/other-hazards/#Williams>

Williams Co. Appomatox, VA 2008-11-14



Williams Appomattox Damage

- Large fireball, 37-foot wide, 15-foot deep crater
- Burn zone approximately 1125 feet in diameter
- Destroyed 2 homes, injured 5 people
- Local and state governments footing the bill
- PHMSA \$952,500 fine for possible failures to
- *“address regulatory requirements for monitoring and preventing external **corrosion**”*
- <http://pstrust.org/about-pipelines1/map-of-major-incidents/transco-virgina-accident>

Williams Co. Violations

Pipeline & Hazardous Materials Safety Administration

- 2012-10-26: PHMSA Final Order \$74,300 civil penalty to Transco:
 - *“The Notice alleged that Respondent violated 49 C.F.R. §193.2801 by failing to provide and maintain fire protection at its LNG facility at Carlstadt, New Jersey (Facility),...”*
 - *“The Notice alleged that Respondent violated 49 C.F.R. §193.2365(d) by failing to inspect each component protected from atmospheric **corrosion** at intervals not exceeding 3 years...”*
- 2012-09-25: PHMSA Corrective Action Order:
 - *“...to take necessary corrective action to protect the public, property, and the environment from potential hazards associated with a failure involving the Williams Transco Pipe Line (TPL) interstate natural gas pipeline system.”*

Yet 3 years later, Marengo Co. AL

- 2012-02-21: Jason Cannon, Demopolis Times, Corrosion cited in pipeline explosion,
*“Although we have systems and processes in place to prevent and identify **corrosion**, our investigation indicated there were multiple factors working in conjunction that led to this problem not being recognized,” said **Transco** spokesman **Chris Stockton**. “Extremely **corrosive soil conditions**, combined with failures in the pipeline’s protective coating and cathodic protection system ultimately weakened the pipe, causing it to rupture.”*
- Acidic soil throughout southeast coastal plain,
- Especially in blackwater rivers

Williams Atlantic Sunrise Pipeline



Same Transco Spokesman: Hillabee and Atlantic Sunrise

- Atlantic Sunrise: collect fracked methane from Marcellus Shale in Pennsylvania
- Transco: transmit to FERC-approved Cove Point LNG in Maryland, Docket No. CP13-113-000, 2014-09-29
- To FERC-applying Elba Island LNG export in Georgia, Docket CP14-103 2014-03-10
- To Sabal Trail towards 3 LNG export operations in Florida authorized by Office of Fossil Energy
- <http://spectrabusters.org/2014/10/18/transco-plans-ferc-filing-in-the-next-month-or-so/>

Sabal Trail Transmission



Sabal Trail Transmission LLC

- Pre-filed with FERC 2013-10-04 as PF14-01
- Joint venture:
 - pipeline company Spectra Energy, Houston, TX
 - NextEra Energy
 - parent of utility FPL, Juno Beach, FL
- Managed by Sabal Trail Management LLC
 - 100% owned by Spectra Energy

Spectra Energy safety record

- 2013-12-31: “The most terrifying experience”: Spectra blows Searsmont, Maine compressor station
- 2013-12-21: PHMSA Final Order to Spectra CEO Greg Ebel for 5 violations of federal regulations and Spectra’s own company procedures.
- 1994-03-25: Spectra’s Durham Woods apartment fire, Edison, NJ, 1994: thousands evacuated, hundreds made homeless, massive property damage.
- 1991-05-15: Pennsylvania fined Spectra \$18.6 million + \$200 million PCB cleanup
- 1989-10-21: EPA fined Spectra Energy \$15 million for 89 pipeline site PCB spills
- 1986-02-21: 30-inch pipeline, Lancaster, Kentucky, NTSB report:
 - *“ripped 480 feet of pipe out of the ground, exposed 40 feet of an adjacent parallel pipeline, ignited and destroyed two houses, one house trailer, six automobiles, and damaged other buildings. Three persons were injured, 2 of them seriously, and 77 other persons were evacuated from the area.”*
- 1985-04-27: 700×500 feet incinerated, 5 dead, 3 burned, Beaumont, KY
- <http://spectrabusters.org/hazards/spectra-safety-violations/>

Spectra Energy insurance

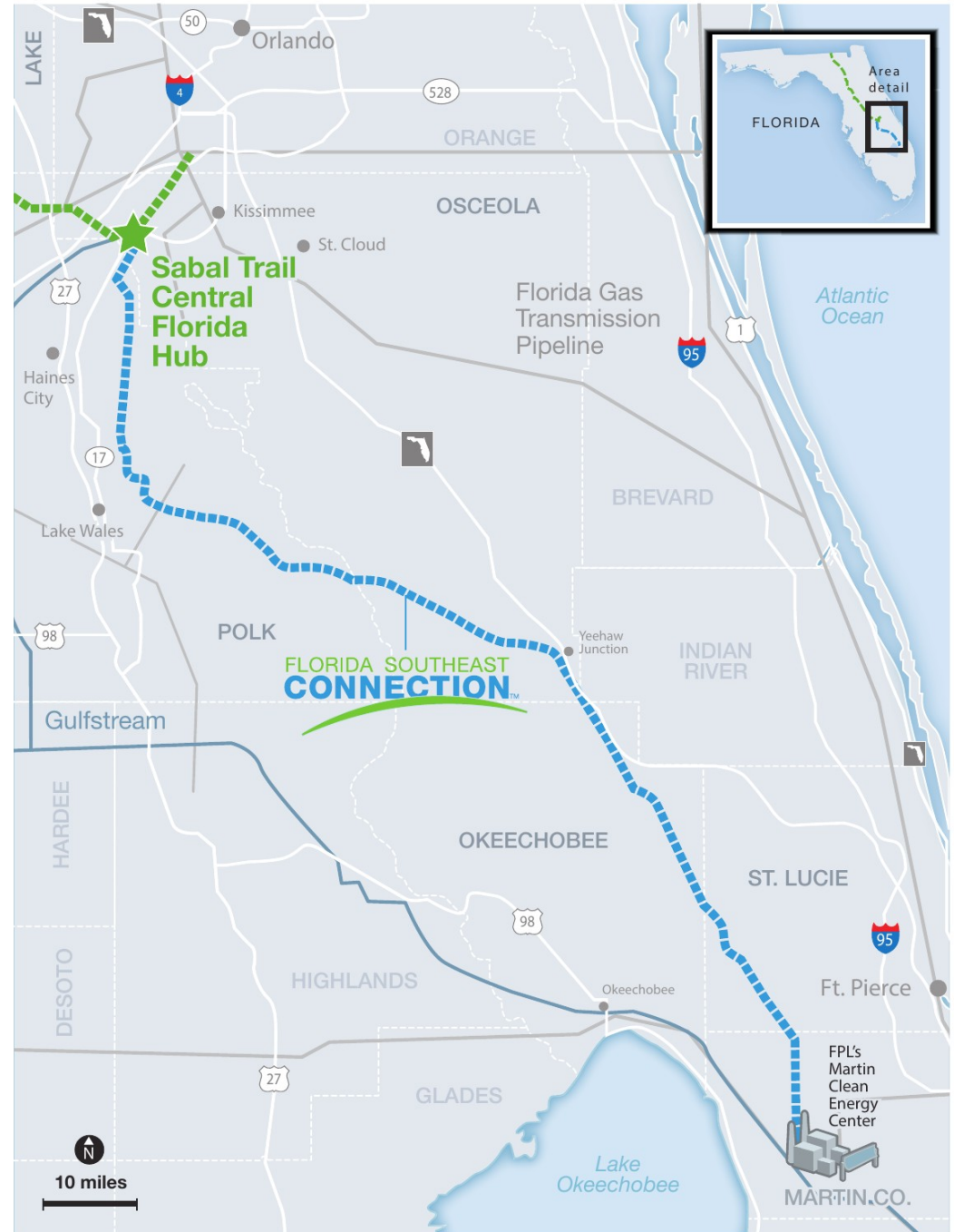
- Spectra Energy SEC Form 10-K:
 - *“We do not maintain insurance coverage against all of these risks and losses, and any insurance coverage we might maintain may not fully cover the damages caused by those risks and losses.”*



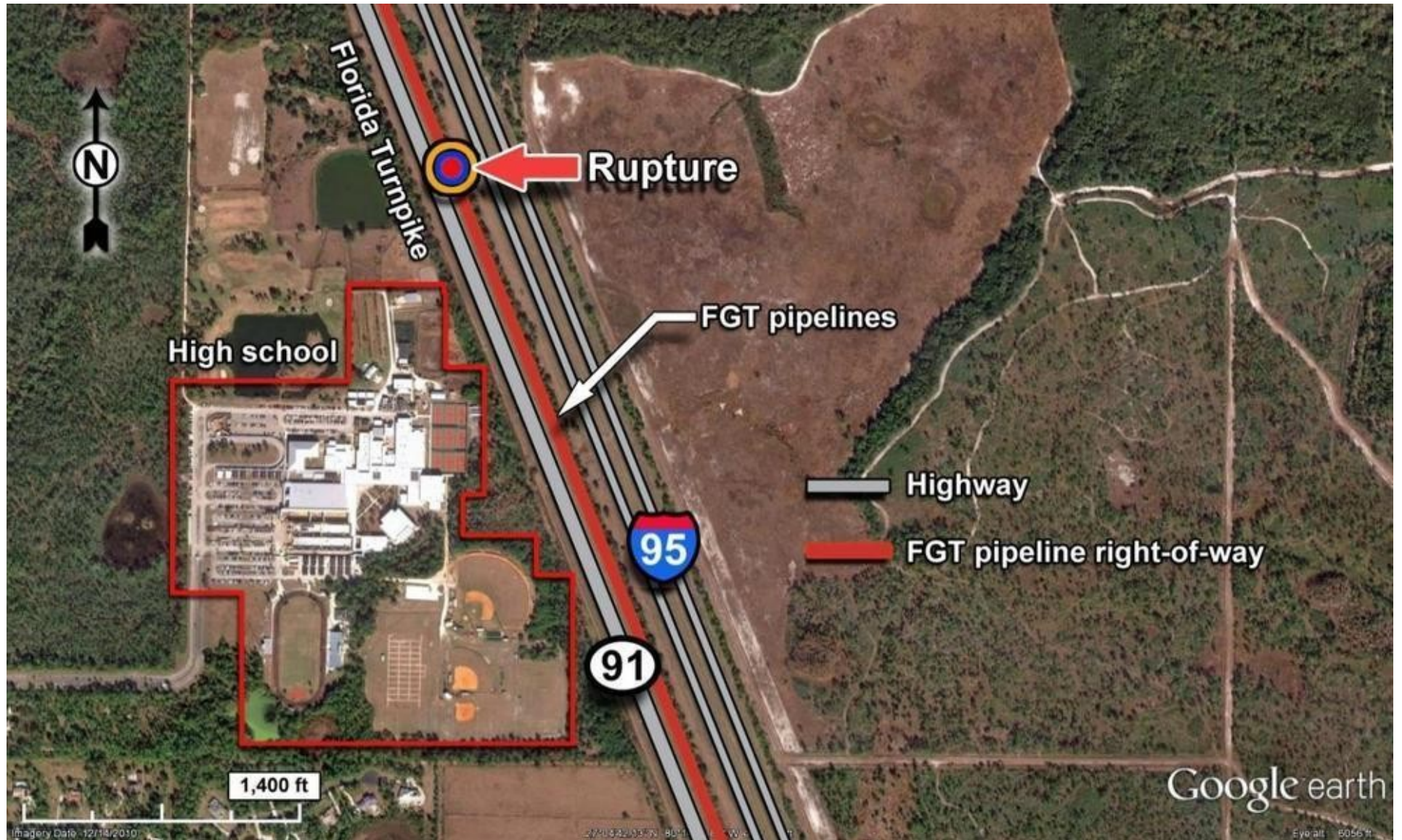
Transco → Sabal Trail → FSC



Florida Southeast Connection (FSC)



Speaking of Martin County



Martin County Explosion Damage

- 2009-05-04: Florida Gas Transmission 18-inch pipeline blew up
 - Between I-95 and Florida Turnpike, shutting down both highways
 - Flying a 104-foot piece of 18-inch pipe
 - Missing a nearby high school
 - NTSB said it was the fault of pipeline operator FGT
 - Damage/Clean-up Cost: \$606,360
 - Apparently paid by taxpayers
 - <http://spectrabusters.org/2014/02/11/methane-pipeline-blew-up-onto-florida-turnpike-next-to-high-school/>

FSC FERC filings

- 2013-10-04: pre-filed Docket PF14-6
- 2014-09-26: formal Docket CP14-554-000
- 2014-10-10: Two weeks later FERC got around to telling everyone about CP14-554-000
- Now: time to file as intervenor on FSC docket
- <http://spectrabusters.org/2014/10/10/fsc-formally-filed-for-ferc-permit-26-september-2014/>

Georgia Water Coalition Dirty Dozen

- 2014-10-22: 2014's Worst Offenses Against GEORGIA'S WATER
- WITHLACOOCHEE RIVER & FLORIDAN AQUIFER: Gas Pipeline Threatens Southwest Georgia Water, Way of Life

2014's Worst Offenses Against GEORGIA'S WATER

WITHLACOOCHEE RIVER & FLORIDAN AQUIFER
Gas Pipeline Threatens Southwest Georgia Water, Way of Life

INTRODUCTION:
Southwest Georgians are fighting an invader—one every bit as worrisome as the boll weevil that destroyed cotton harvests in the 1900s, except this one takes farmers' land as well as crops. The 21st century invader is a 500-mile-long, 3-foot-diameter natural gas pipeline running from Alabama to central Florida that will cut a 159-mile-long, 100-foot-wide swath through at least nine Georgia counties, bringing with it the risk of contaminating the region's well water and rivers and streams through leaks as well as noise and air pollution from a compressor station located in a densely populated area near Albany. The Sabal Trail underground pipeline will feed Florida Power & Light (FPL) electric generation facilities in central Florida, but studies show that the Sunshine State utility could generate the same amount of electricity with solar power while impacting half as much land.

THE WATER BODIES:
The Sabal Trail pipeline's path across southwest Georgia would require boring underground pipelines beneath the Withlacoochee, Flint and Chattahoochee rivers as well as numerous smaller streams, and will course underground above the Floridan aquifer. The Floridan aquifer is the region's most important water source, providing more than 600 million gallons a day to irrigate crops, run industries and supply homes and businesses with drinking water. The currently proposed pipeline route runs through Stewart, Webster, Terrell, Lee, Dougherty, Mitchell, Colquitt, Lowndes and Brooks counties—a swath of land that is home to rare wildlife including the Georgia state reptile—the federally endangered gopher tortoise—along with the federally protected indigo snake and red cockaded woodpecker. Other communities in the region may be impacted depending on the final route chosen.

THE DIRT:
While the Sabal Trail pipeline's parent companies, Spectra Energy and NextERA Energy would have residents believe their 3-foot-diameter pipe is a benign neighbor, the history of gas pipeline accidents and environmental ills paints a different picture.

Georgia Water Coalition Dirty Dozen

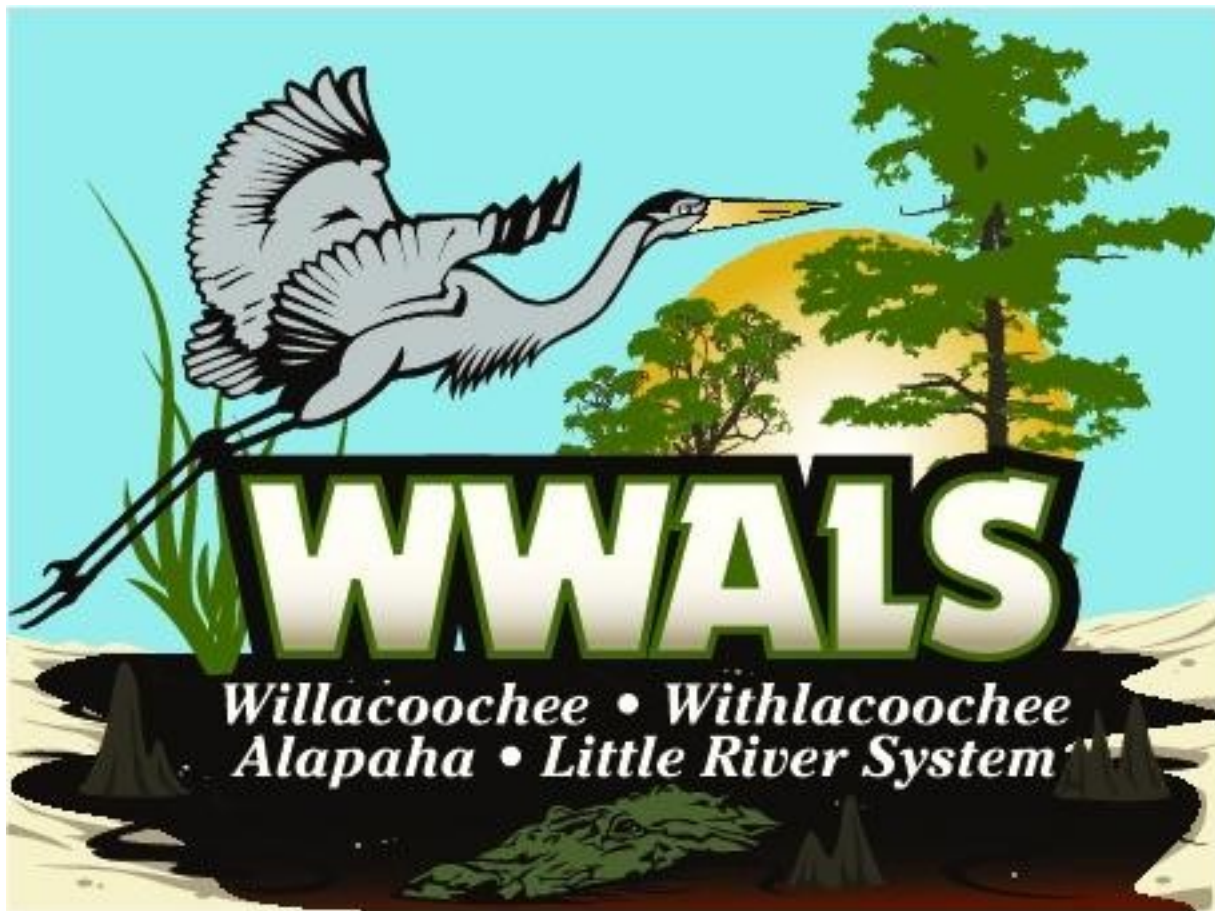
- #9: Sabal Trail pipeline threatens Withlacoochee River and Floridan Aquifer
 - “Southwest Georgians are fighting **an invader**—one every bit as worrisome as the **boll weevil** that destroyed cotton harvests in the 1900s, except this one **takes farmers’ land** as well as crops.”
 - “bringing with it the risk of **contaminating the region’s well water and rivers and streams** through leaks as well as **noise and air pollution** from a **compressor station** located in a densely populated area near Albany.”
- <http://www.wwals.net/2014/10/22/gwc-dd9-sabal-trail-pipeline-threatens-withlacoochee-river-floridan-aquifer/>

DD #9 Rivers

- Georgia: Withlacoochee, Flint, and Chattahoochee Rivers
- Alabama: Coosa, Tallapoosa, Cahaba, Black Warrior, and Tombigbee Rivers
- Florida: Withlacoochee North (again!), Suwannee, Santa Fe, and Withlacoochee (central Florida)
- Georgia and Florida: Floridan Aquifer
- <http://www.wwals.net/2014/10/22/gwc-dd9-sabal-trail-pipeline-threatens-withlacoochee-river-floridan-aquifer/>

WWALS Watershed Coalition

- WWALS proposed DD #9



Withlacoochee River

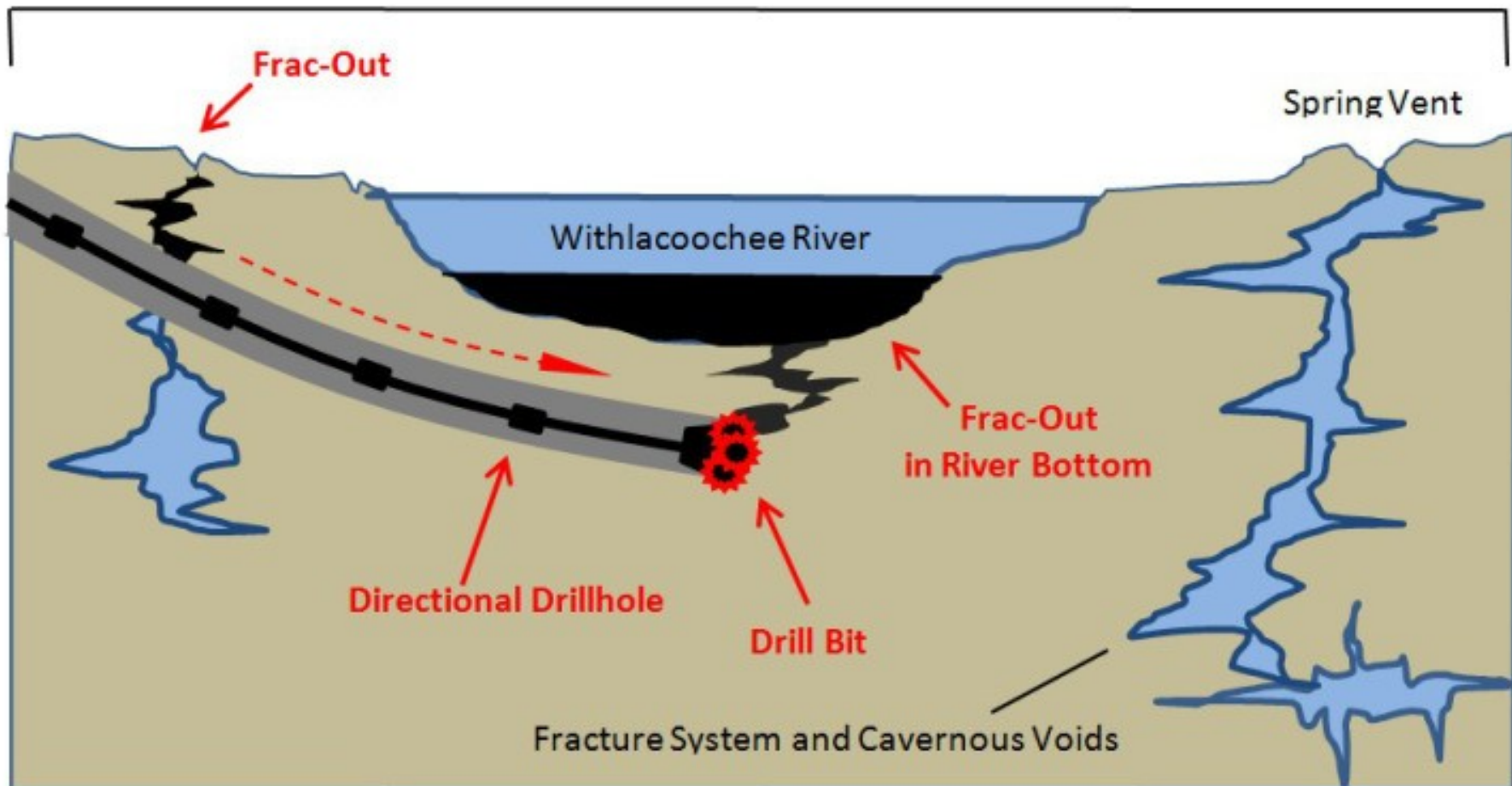


Potential sinkhole or collapse

- feature forming as a result of the proposed HDD crossing of the Withlacoochee River

Approximately 2,500 Lineal Feet Horizontal Directional Drill Hole

- David Brown, hydrogeology report, August 2014, for Chris Mericle.

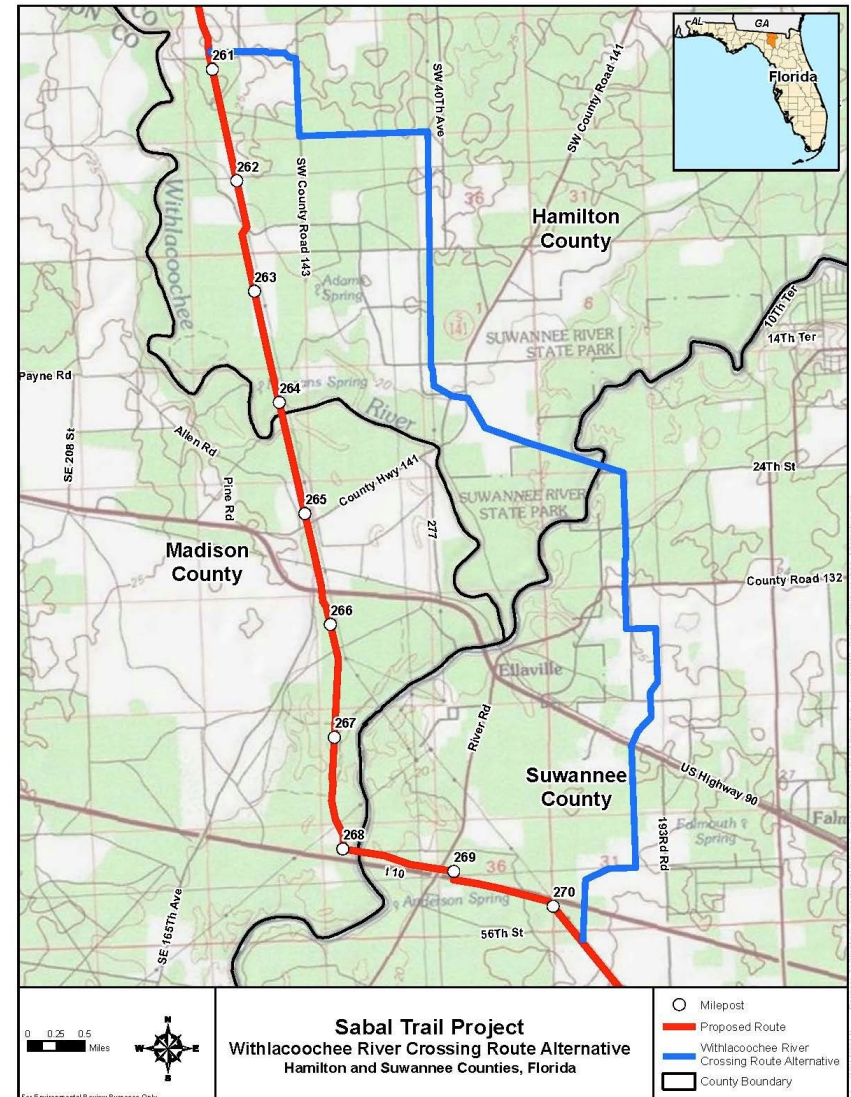


Hamilton County, FL Resolution

- 2014-08-19: RESOLUTION NO. 14- 10 7
 - *“recommends that the pipeline route be reconsidered to avoid sensitive karst regions that can have a significant impact on the water resources in the area of that location”*

Withlacoochee Alternative

- 2014-10-15: FERC announced
- 2014-11-15: end Comment period
- 2014-10-31: Sabal Trail target date for formal filing blown



Pipeline and Aquifer Vulnerability

Ms. Lauren P. Milligan
Page 4
March 27, 2014

- 2014-03-27:
FL-DEP to FERC
- Basically, there is no safe place for Sabal Trail in north Florida
- (and south Georgia same geology)

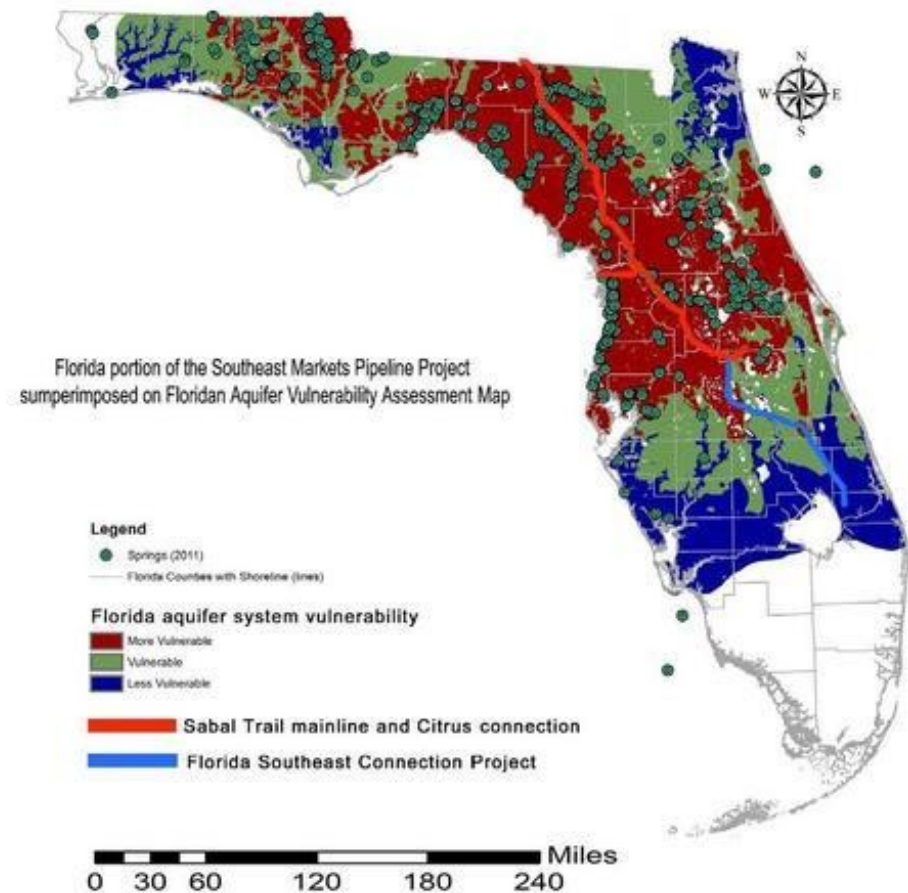
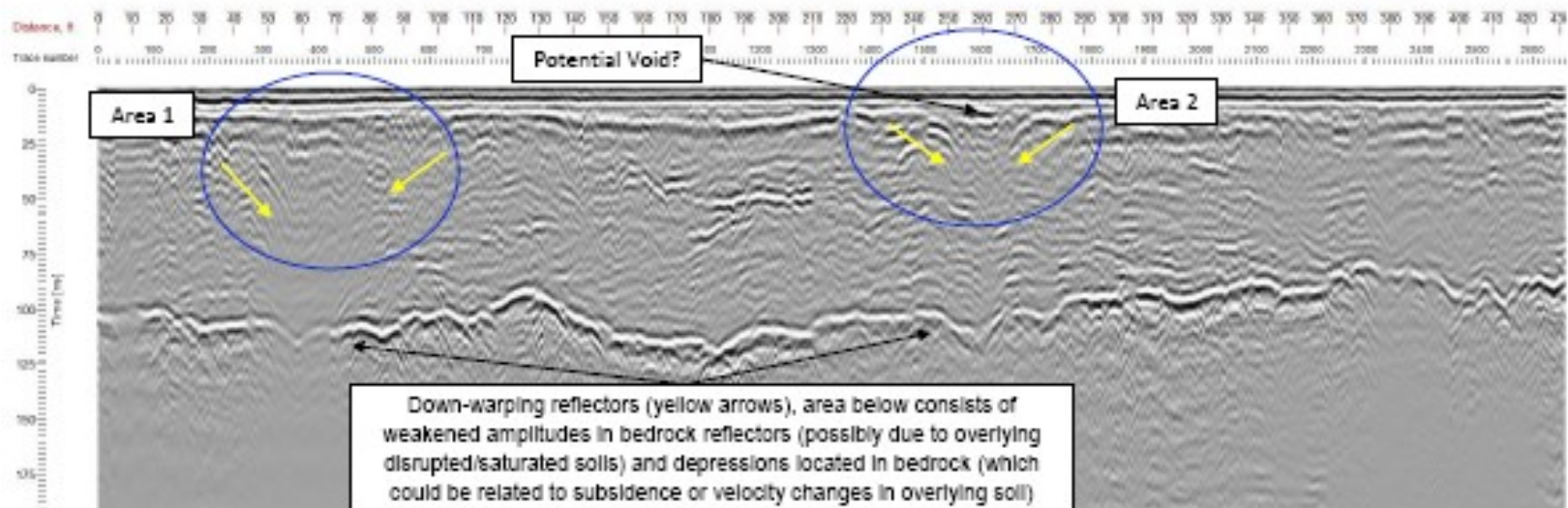
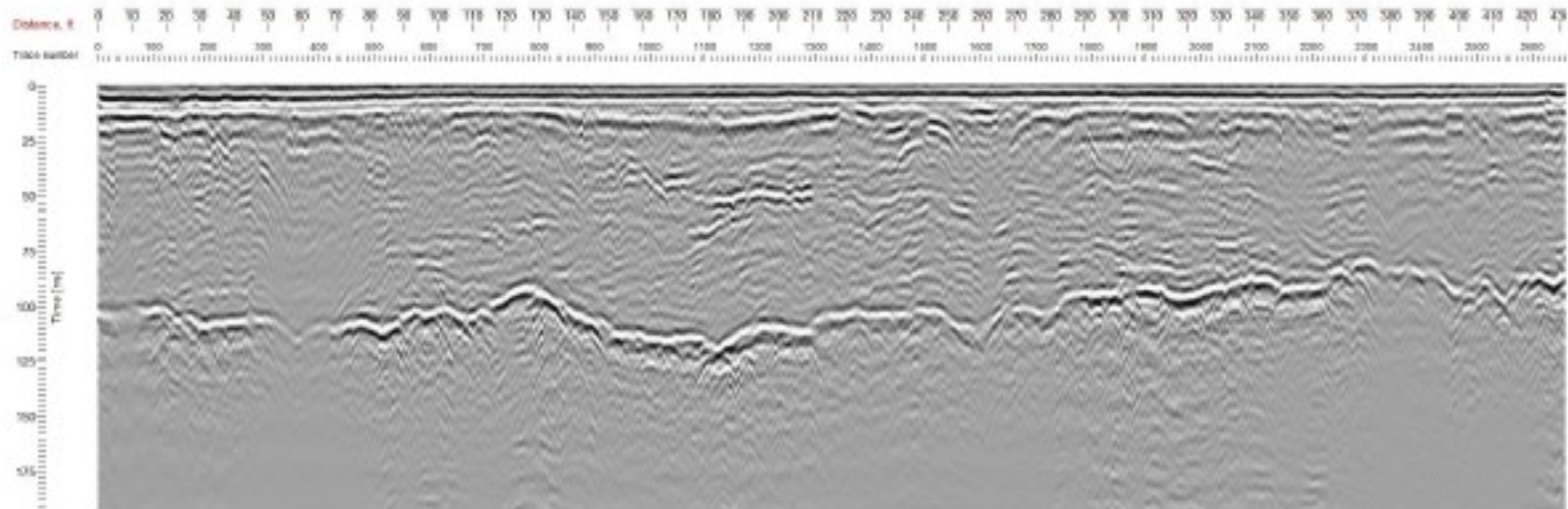


Figure 1: Florida portion of the Southeast Markets Pipeline Project superimposed on Floridan aquifer vulnerability assessment (FAVA) map. FAVA data from: http://www.dep.state.fl.us/geology/programs/hydrogeology/fava_gis_data.htm

Withlacoochee River already leaks into a sinkhole, with more forming (Dr. Don Thieme of VSU to WWALS)

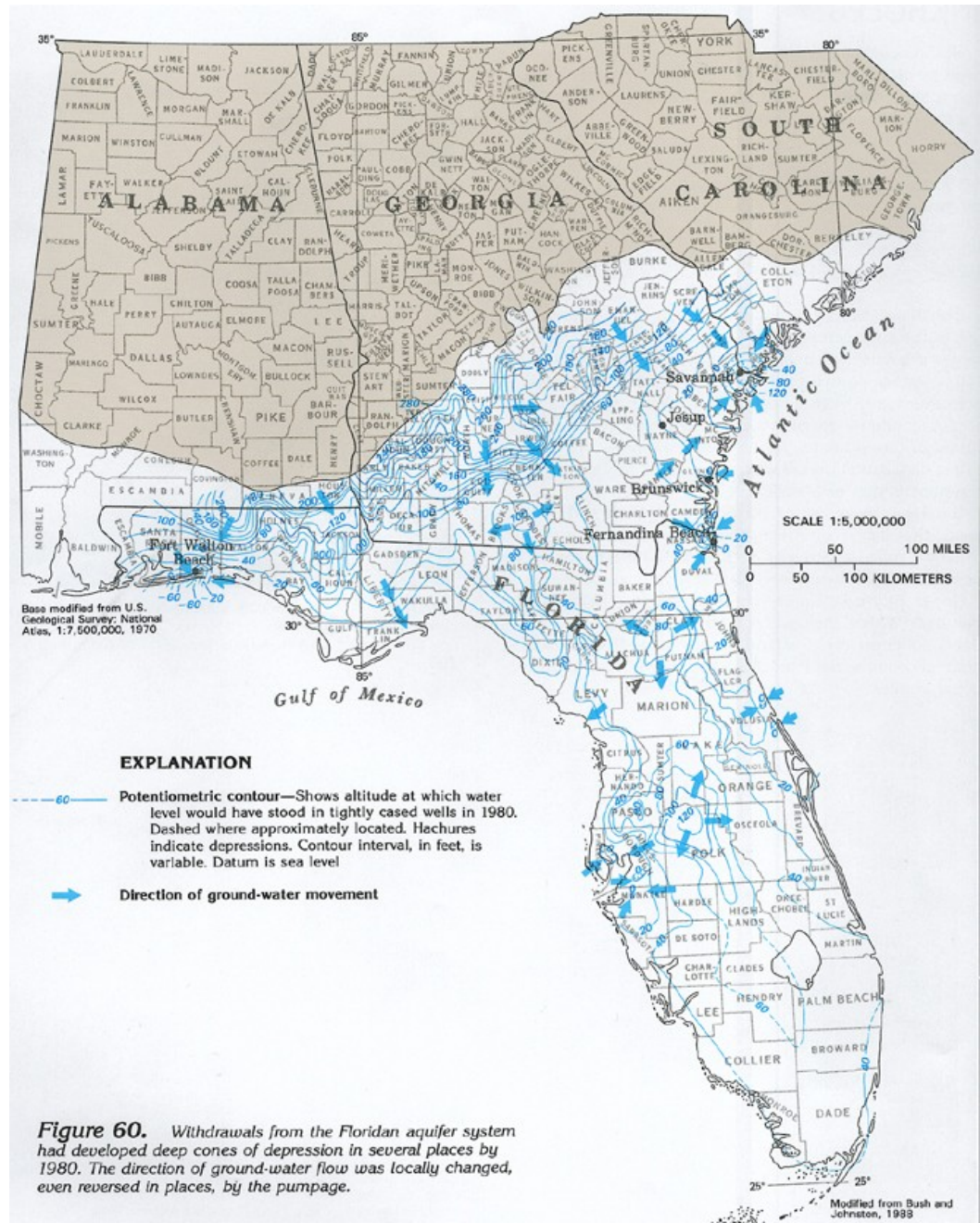


GPR of Cherry Creek Sink towards Withlacoochee River

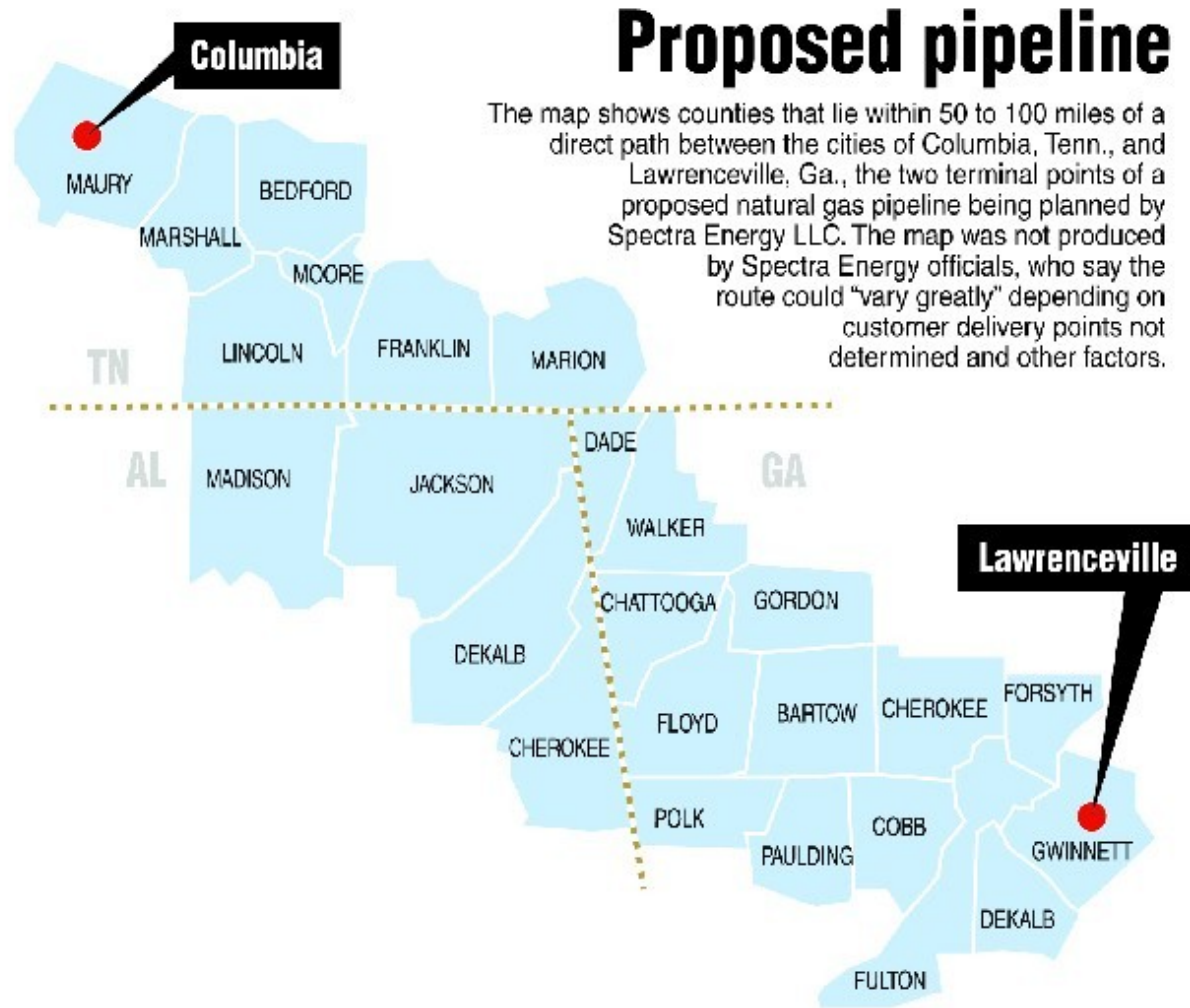


Floridan Aquifer

- Drinking water source for south Georgia and all of Florida
- Withlacoochee leak into aquifer:
- Why Valdosta's wells are 400 feet deep

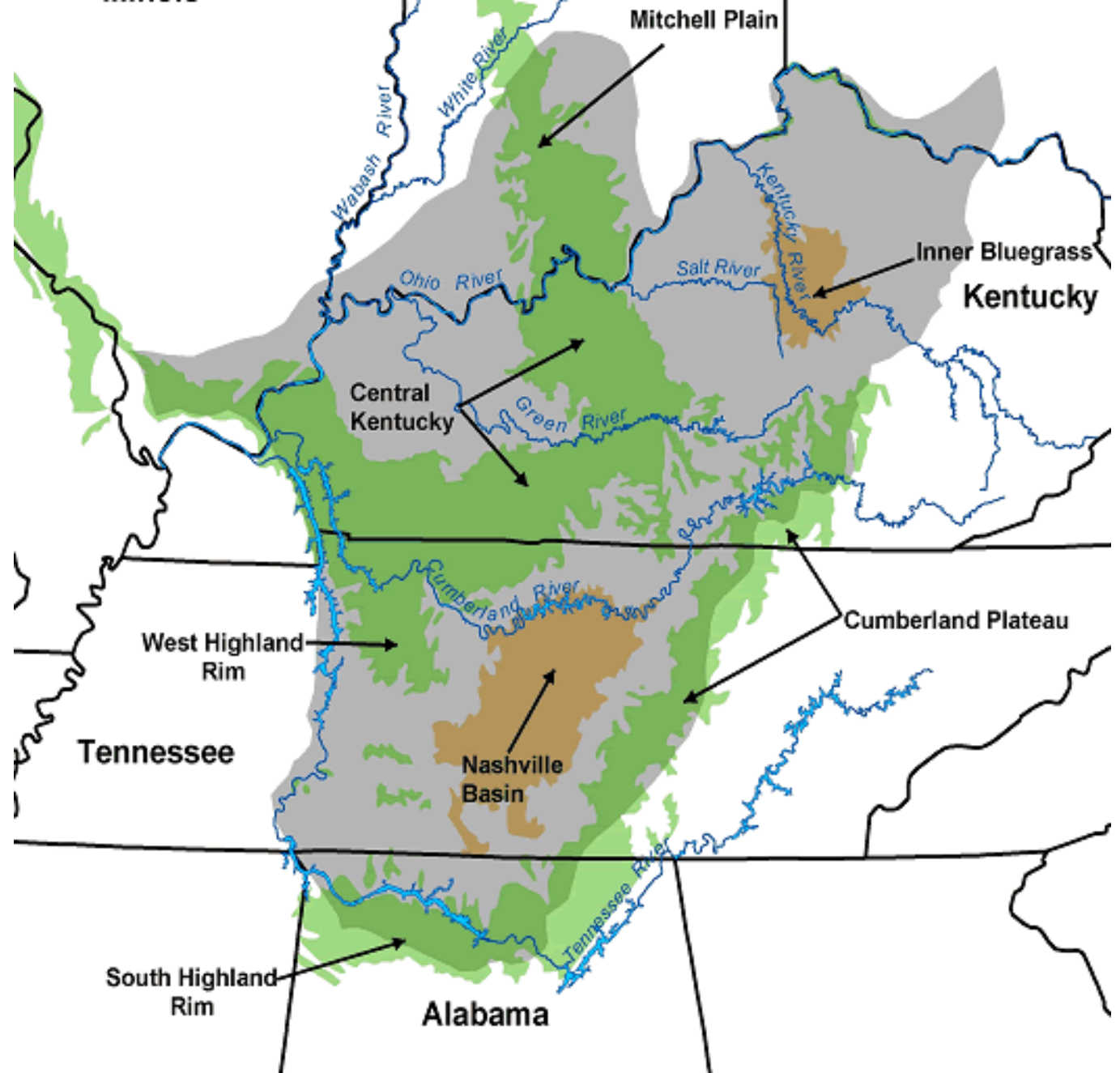


Spectra's Renaissance Pipeline



STAFF GRAPHIC BY LAURA W. MCNUTT

TN-AL
karst
aquifers
(USGS)



FPL's "Need" for more energy

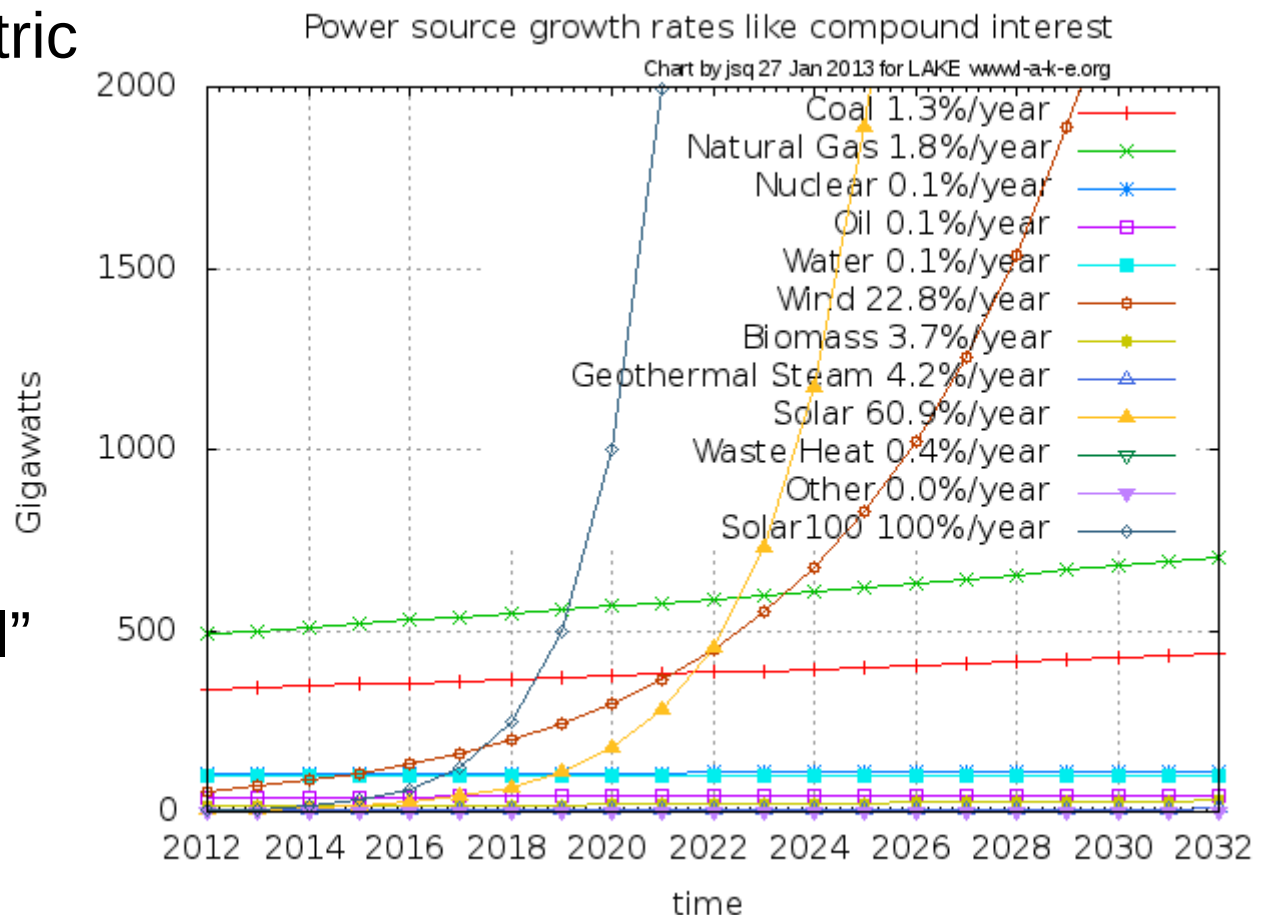
- U.S. EPA asked why need when U.S. energy demand continues to decrease
 - Why not conservation, efficiency, and solar power?
- FPL's own FL-PSC 10-year plan projects only 13% increased electricity demand for Florida next decade
 - How does that justify a third pipeline, or 50% increase in gas?
- LED lights in big buildings and smart switches could probably save 13% according to [some calculations](#)

Solar Power for the Sunshine State

- FPL has added zero new utility-scale solar power in past 3 years (source: FPL's FL-PSC 10-year plan)
- Sabal Trail says FPL wants to shut down coal plants and nukes and solar won't cut it as baseload capacity
- Yet according to [Sabal Trail's own figures](#), solar PV panels could generate as much electricity on **half** the acreage of their pipeline

Distributed solar and wind: disruptive challenge to utilities

- 2013-01: Edison Electric Institute
- 2013-05-03: Analyst Michael Sankowski
- 2013-08-21: FERC Chair Jon Wellinghoff
- 2013-12-22: Liam Denning, “death spiral” for non-renewable utilities
- Many more



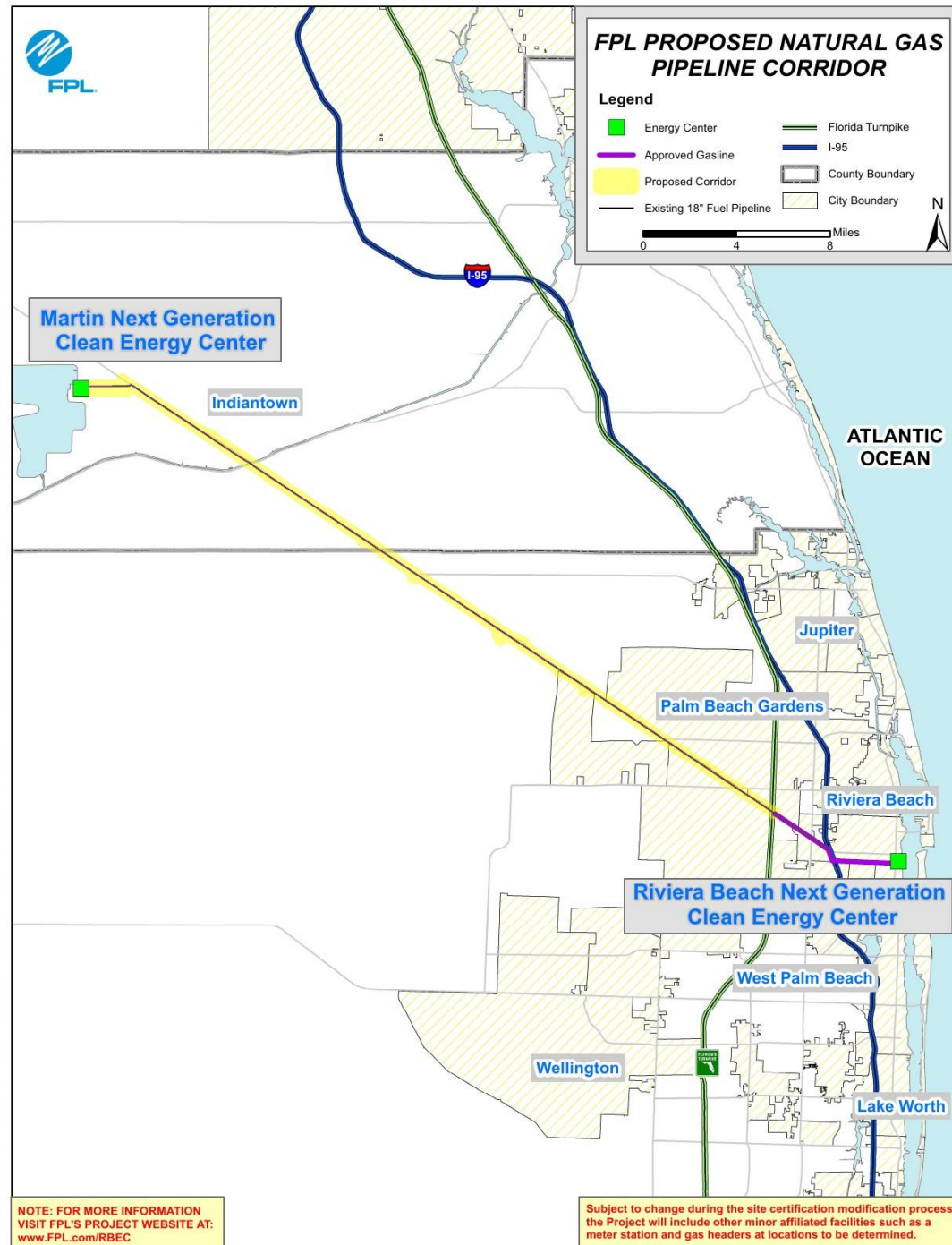
So why all the proposed pipelines?

- Florida doesn't seem to need the power
- Conservation, efficiency, and solar are far cheaper, faster, and safer
- So why these and many other proposed pipelines?

LNG export from Florida

- Three already authorized by Office of Fossil Energy (FE) of U.S. Dept. of Energy:
 - 2011-07-27: Carib Energy, now owned by Crowley Maritime of Jacksonville, FL
Before Sabal Trail pre-filed with FERC, yet FERC never mentioned it when asked about LNG export
 - 2013-11-14: Floridian LNG (FliNG)
before Sabal Trail Open Houses or FERC Scoping Meetings
 - 2013-12-12: Goven
 - <http://spectrabusters.org/lng-export/#Florida>

FPL
pipeline:
Martin Co.
to Atlantic
Coast
of Florida
(*not part
of FSM:
no FERC
docket*)



Another LNG export filing

- Strom, Inc.:
 - 2014-03-27: FERC Docket CP14-121 for containerized LNG export from Starke, FL using Sabal Trail methane
 - 2014-08-22: FERC dismissed Strom application for lack of fee payment (more about FERC fees later)
 - 2014-09-25: Strom asked FE to move location to Crystal River, FL, to get methane from either FGT or Sabal Trail
 - <http://spectrabusters.org/lng-export/#Strom>

Strom same road as Duke Crystal River plant



TECO pipeline to Jaxport?

- 2014-03-10: Jacksonville Business Journal, **TECO Peoples Gas looks to expand natural gas pipeline to Jacksonville**
 - *“The company see the need to provide more gas supplies to Northeast Florida, with increased use of natural gas to generate electricity and use of liquified natural gas at the port. The Jacksonville Electric Authority and one cargo shipper wants to build liquified natural gas plants near the port.”*

LNG export from Florida

- There's more, including
 - Dolphin LNG import proposal could refile for export
 - An undersea pipeline proposal to the Bahamas could refile for export
- But the basics are three already-authorized by FE LNG export operations in Florida

Why LNG export?

- 2013-05-15: T. Boone Pickens,
 - *“The producers have gone out and drilled for the natural gas. They should be entitled to get the best markets in the world, so let them have it.”*
- 2013-12-05: Tony Clark, FERC Commissioner, testimony to Congress,
 - *“The large amount of natural gas in the U.S. is also creating an impetus for something that was nearly unimaginable ten or fifteen year ago, LNG export”*
- 2014-03-25: Paula Gant, head, Office of Fossil Energy, testimony to Congress,
 - *“Today, domestic natural gas prices are lower than international prices of delivered LNG to overseas markets. ...demand for natural gas is growing rapidly in foreign markets. Due primarily to these developments, DOE has received a growing number of applications to export domestically produced natural gas to overseas markets in the form of LNG.”*
- <http://spectrabusters.org/lng-export/>

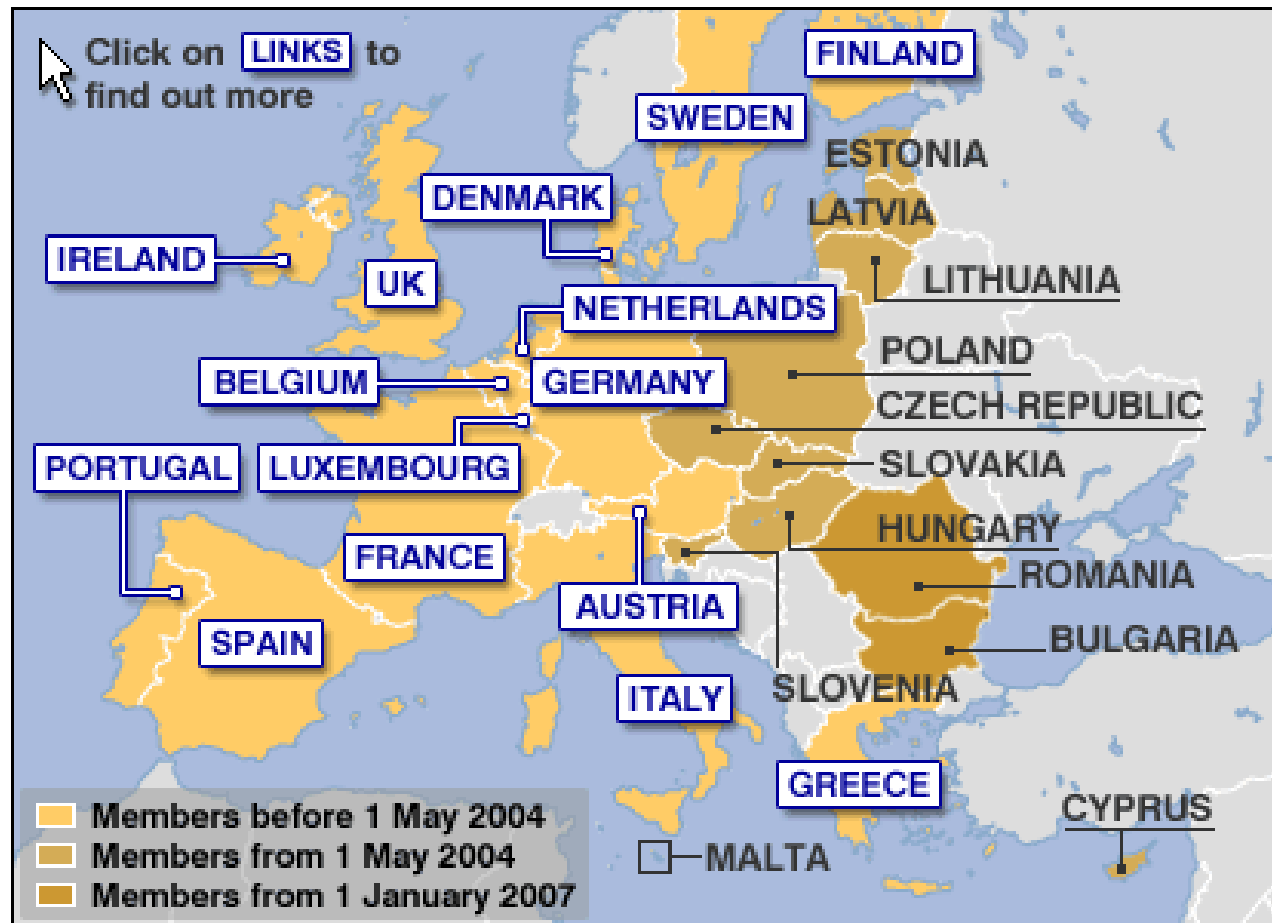
Trans-Pacific Partnership (TPP)

- 2013-08-01: Ted Poe, Chair, SUBCOMMITTEE ON TERRORISM, NONPROLIFERATION, AND TRADE of the COMMITTEE ON FOREIGN AFFAIRS, HOUSE OF REPRESENTATIVES,
 - *“Hopefully, we will change that and become an exporter, especially of natural gas.”*
 - *“Right now, we are in the middle of negotiating a new agreement, the Trans-Pacific Partnership or the TPP, as an opportunity for the United States to expand its trade network in the Asia-Pacific region and beyond. TPP will open trade between the United States and 11 other countries. This would make it America’s largest free trade agreement.”*

Trans-Pacific Partnership (TPP)

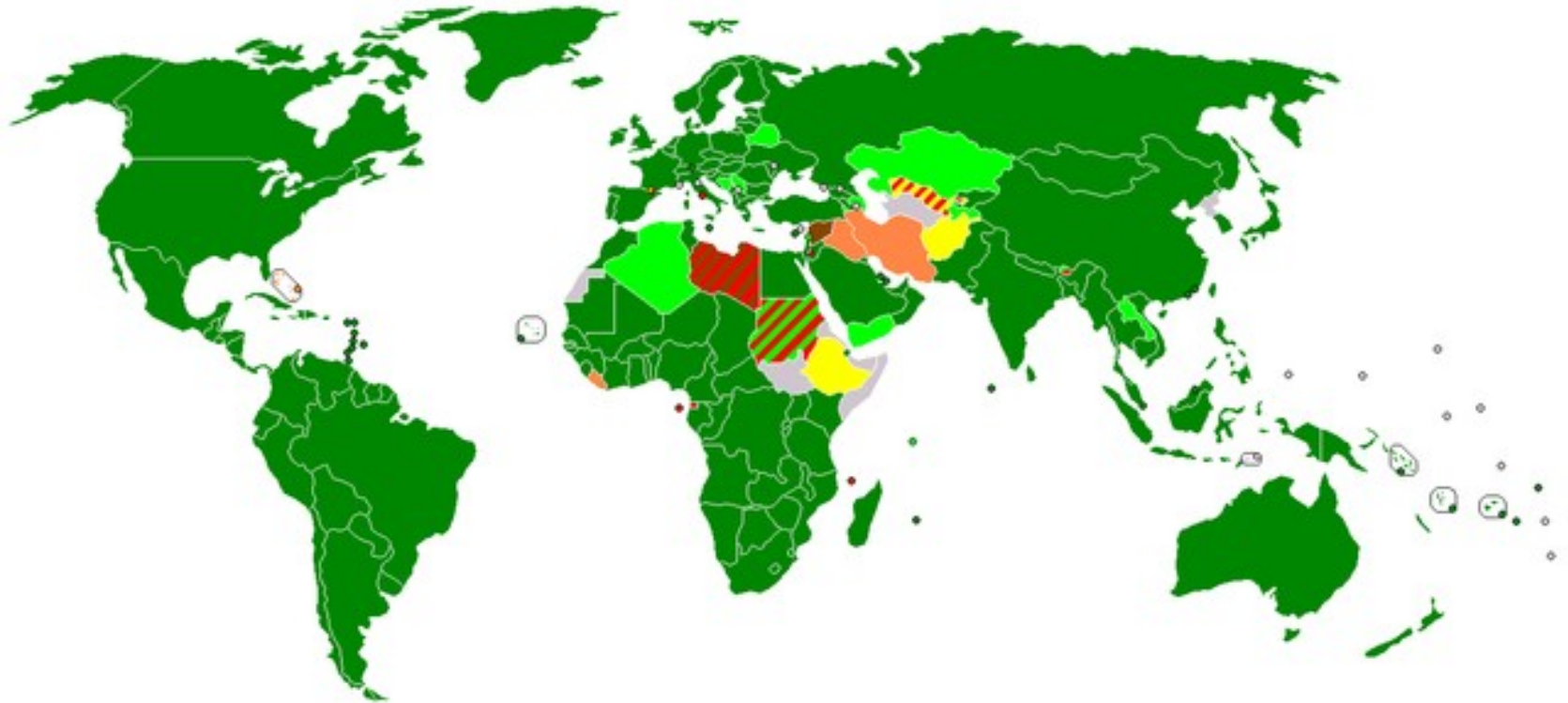


Transatlantic Trade and Investment Partnership (TTIP) aka Transatlantic Free Trade Area (TAFTA)



H.R. 6, passed by U.S. House

- Would legalize LNG exports to all 159 WTO member countries, including China and Ukraine



Spectra BC export pipeline and Maritimes connection



LNG export summary

- There's more (Oregon, Louisiana, Cove Point, Maryland, Elba Island, Georgia, etc.)
- But probably you can see the fossil fuel industry has fracked a glut of gas and feels “entitled” to build pipelines to export it to get five times the price overseas
- Pretty much everywhere overseas if TPP and TAFTA or just H.R. 6 passes
- And with 3 already-authorized LNG export operations where Transco → Sabal Trail → FSC goes....

What can be Done

- Ecomment to FERC and file as intervenor: [Www.ferc.gov](http://www.ferc.gov)
- Contact local, state, and national elected and appointed officials: lots of non-FERC permits
- Sue and other legal action; call sheriff on trespassers
- Pass resolutions and ordinances: even FERC says they pay attention to those, and evidence says they do
- Protest with signs
- Write letters to the editor and op-eds
- Call talk radio and get on as a guest
- Get interviewed by radio, TV, newspapers

Ecomment to FERC

- 2014-04-07: [Greenlaw objected to FERC](#) on behalf of Chattahoochee Riverkeeper, Flint Riverkeeper, and landowners in Dougherty County, GA
- Many individuals and groups have done so
- FERC has told Sabal Trail to produce route alternatives and to study karst and other topics
- Anybody signed up for the docket with FERC sees everybody else's ecomments

Don't depend on FERC alone

- FERC has only denied 2 pipelines in recent decades, according to FERC
- FERC is 100% funded by fees from the same industries it regulates, according to FERC
- FERC permitted Cove Point LNG in Maryland the same day massive opposition attended a meeting in Albany, GA with FERC and Sabal Trail and FERC didn't say a word about it there.

Greenlaw and Ted Turner object to Sabal Trail air permit request

- Sabal Trail applied to GA-EPD for air permit for Albany, GA compressor station
- 2014-07: **Greenlaw filed objections**
- 2014-07-11: Ted Turner's Nonami Plantation is near the proposed pipeline route:
they filed objections

Landowners countersued Sabal Trail for trespass, in Leesburg, GA



Leesburg, GA results

- Sabal Trail didn't get GA eminent domain ruling
- They did get bound to return to south GA for a criminal trespass trial
- Protesters came from as far as 9 hours away
- News coverage: WALB-TV, op-eds by WWALS, Our Santa Fe River, and others
- Sabal Trail lost the later trespass trial

Pass Resolutions

- 2014-10: Albany and Dougherty County, Georgia



Pass Resolutions

- 2014-10-27:
Dougherty County passed a resolution against the Sabal Trail pipeline
- 2014-10-29:
Albany City Commission joins Dougherty County Commission in opposing Sabal pipeline
 - Resolution notes proposed proximity of the proposed pipeline to wells, airport, city schools

Resolutions can have effects

- Hamilton County, FL resolution helped get Sabal Trail off Withlacoochee River in Florida
 - (Lowndes County, GA passed nothing, and Sabal Trail has made no move off the Withlacoochee in Georgia)
- Multiple resolutions in Virginia against a proposed pipeline
 - Soon afterwards Spectra backed out of even bidding on that pipeline

Resolutions can have effects

- Hamilton County, FL resolution helped get Sabal Trail off Withlacoochee River in Florida
 - (Lowndes County, GA passed nothing, and Sabal Trail has made no move off the Withlacoochee in Georgia)
- Multiple resolutions in Virginia against a proposed pipeline
 - Soon afterwards Spectra backed out of even bidding on that pipeline

Pass Ordinances

- Carefully-crafted ordinances such as for land-use or noise based in the local Comprehensive Plan are laws with legal teeth
- Jefferson County, FL **passed a land-use ordinance** to keep bottling plants out of the Floridan Aquifer
- Even FERC says they try whenever possible not to override local ordinances
- And PA and NY Supreme Court decisions indicate maybe FERC can't even do that

Inform the public
and raise opposition



Opposition can cancel pipelines

- Bluegrass pipeline from Ohio through Kentucky
 - Massive public opposition
 - a judge ruled against state eminent domain
- 2014-04-29: Williams Co. indefinitely suspended it, claiming
 - *“an insufficient level of firm customer commitment”*
- Investors don't like public opposition; see Spectra's SEC Form 10-K

Spectra campaign scandals

- FL Gov. Rick Scott owned Spectra stock before FL-PSC approved Sabal Trail pipeline
- Spectra Energy Pac donated \$10,000 each to re-election campaigns of:
 - GA Gov. Nathan Deal
 - AL Gov. Robert Bentley
 - TN Gov. Bill Haslam
- Deal and Bentley accepted a lot more from more pipeline and energy companies
- GA candidate for Gov. Jason Carter did not

Many allies across the continent and beyond

- Here is a list of some allies:
 - <http://spectrabusters.org/allies/>
- There are far more:
 - Fracking, pipelines, and LNG export produce opposition everywhere
- October 2014: continuous bad PR for pipelines
 - And excellent PR for conservation and renewables
- Keep working for conservation & clean energy

See you at the protest!

- John S. Quarterman, 229-242-0102
– river@quarterman.org

