The Florida Senate

COMMITTEE MEETING EXPANDED AGENDA

SELECT COMMITTEE ON RESILIENCY Senator Albritton, Chair Senator Pizzo, Vice Chair

	MEETING DATE: TIME: PLACE:	TIME: 9:30—11:30 a.m. ACE: Toni Jennings Committee Room, 110 Senate Building			
	MEMBERS:				
TAD			BILL DESCRIPTION and		
TAB	BILL NO. and INTR	ODUCER	SENATE COMMITTEE ACTIONS	COMMITTEE ACTION	
1	Presentations by the Department of Environmental Protection:			Presented	
	Wastewater Grant P Resilient Florida Pro Resilient Florida Pro	ogram	ssessment		
2	Presentation by the Department of Transportation on Electric Vehicle Charging Infrastructure			Presented	
	Other Related Meeting	Documents			

02232023.1151

ORGFLORIDA TOGETHER

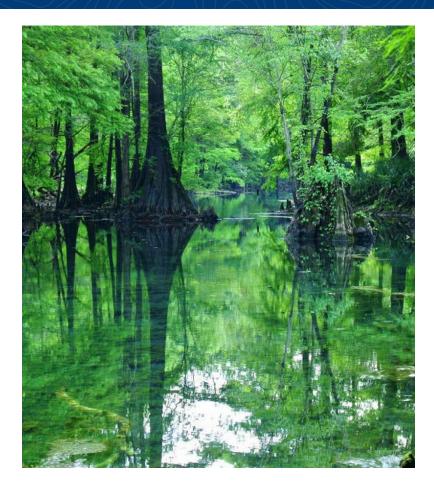
WASTEWATER GRANT PROGRAM Senate Select Committee on Resiliency



February 23, 2023

WASTEWATER GRANT PROGRAM \$741 MILLION INVESTED OVER THE PAST FOUR YEARS





- Created by SB 712 (2020), s. 403.0673.
- Must be in a Basin Management Action Plan (BMAP), Reasonable Assurance Plan (RAP) or Rural Area of Opportunity (RAO).
- Requires 50% match, except for RAOs.
- Septic to sewer, Advanced Wastewater Treatment (AWT) upgrade or expansion, and septic upgrade.
- Solicited on ProtectingFloridaTogether.gov.

WASTEWATER GRANT PROGRAM DEDICATED FUNDING



- SB 5212 (2021) provided 5.4175% of a portion of documentary stamp tax distribution to be paid into the Water Protection and Sustainability Program Trust Fund to be used to fund wastewater grants.
- Annual report submitted to the Senate, House and Governor.



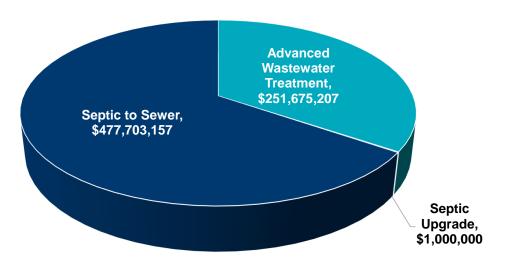
WASTEWATER GRANT PROGRAM PROJECT TYPES



4

- 33 Advanced Wastewater Treatment upgrades.
- 93 Septic to Sewer projects targeting more than 34,000 septic systems.
- One Septic Upgrade project.

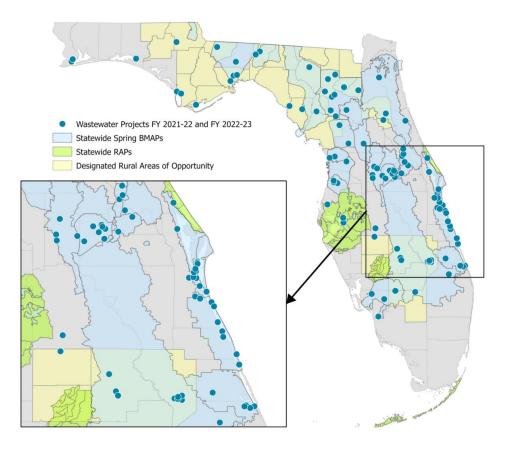
FY 2021-22 and 2022-23



WASTEWATER GRANT PROGRAM PROJECT LOCATIONS



- 26 BMAPs and 3 RAPs have an identified project.
- 50 projects in rural areas of opportunity.
- 28 awards in the Indian River Lagoon area.



WASTEWATER GRANT PROGRAM EXECUTIVE ORDER 23-06



Work with the Legislature to expand the existing Wastewater Grant Program to **broaden project eligibility** to also address impacts from **nonpoint sources** such as stormwater and agricultural runoff and address **aging wastewater infrastructure** that increases nutrient loading to surface and groundwater.

Strategically engage with local governments and stakeholders to identify the most effective and beneficial water quality improvement projects. Instruct all water management districts to annually identify regional projects to improve water quality. Continue to prioritize grants to local governments for septicto-sewer conversions and identify ways to minimize the installation of new septic systems in areas with impaired waterways. Ensure that all wastewater facilities discharging to waterbodies within a BMAP area or discharging to a waterbody not attaining water quality standards upgrade to advanced wastewater treatment by 2033.



ADAM BLALOCK Deputy Secretary for Ecosystems Restoration 850-245-2031 Adam.Blalock@FloridaDEP.gov

ONGFLORIDA TOGETHER

RESILIENT FLORIDA OVERVIEW Senate Select Committee on Resiliency



February 23, 2023

RESILIENT FLORIDA LEADING THROUGH ACTION



2021

- "Always Ready Bill" Establishing the Program and s. 380.093, F.S.
- Senate Bill 1954 / House Bill 7019.
- Unanimously passed in both chambers.

2022

- Added or modified definitions, eligible entities, due dates.
- Financially disadvantaged communities.
- Requires some Vulnerability Assessments (VAs) to include specific rainfall analyses.
- Statewide Resilience Plan must include funding amount not less than \$100M.



RESILIENT FLORIDA PROGRAM ELEMENTS



RF Grant Program (Planning Grants)

Statewide Flooding and Sea Level Rise Resilience Plan

Regional Resilience Entities (RRE)

Comprehensive Statewide Data Set and Assessment

Florida Flood Hub for Applied Science

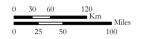
RESILIENT FLORIDA GRANTS FOCUS ON PLANNING

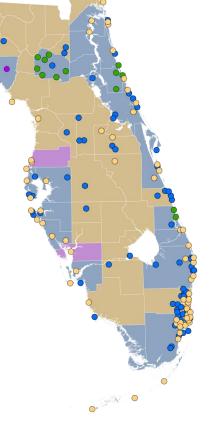


Distribution of Entities Awarded Planning Grants for Vulnerability Assessments

- O Municipalities with Planning VA FY21-22
- Municipalities Submitting Data through County VA FY21-22
- Municipalities with Planning VA FY22-23
- Municipalities Submitting Data through County VA FY22-23
 Counties with Planning VA FY21-22 *
 Counties Submitting Data through Regional Entities FY21-22
 Counties Submitting Data through Local Projects FY21-22
 Counties with Planning VA FY22-23

* Duval County covered by the City of Jacksonville VA

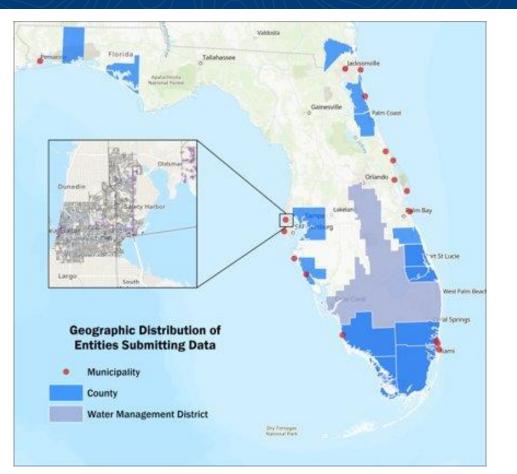




- After Local, Regional, and State efforts to conduct Vulnerability Assessments conclude, all 67 Counties will meet statutory requirements to submit projects for inclusion in future iterations of the Statewide Resilience Plan.
- EO 23-06 calls on Chief Resilience Officer to ensure all 410 municipalities are covered by 2026.

COMPREHENSIVE STATEWIDE DATA SET AND ASSESSMENT





- Compile national, statewide and local critical asset data.
- Review, organize and classify critical asset data.
- Coordinate with Florida Flood Hub for review and hosting.
- Data will be used to develop statewide vulnerability assessment.
- Data Set June 2023.
- Statewide Assessment June 2024.

FLORIDA FLOOD HUB



- Focused on Florida's most pressing environmental challenges.
- Goal to improve flood forecasting; inform science-based policy, planning, and management.
- Working with the Program, the Flood Hub supports statewide efforts to protect people, businesses, natural resources and coastal infrastructure.





Join Flood Hub mailing list for future news! https://lp.constantcontactpages.com/su/DIWmPoB

RESILIENT FLORIDA STATEWIDE FLOODING AND SEA LEVEL RISE RESILIENCE PLAN

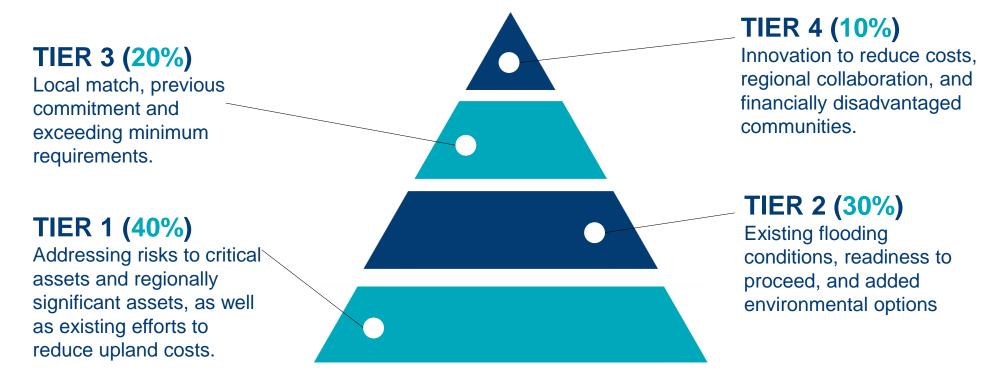




- Prioritized based on criteria in statute and implemented via rule 62S-8, F.A.C.
- 3-year rolling plan of projects.
- Fully-fund projects to completion.
- Previous vulnerability analysis completed identifying flooding.



A TIERED REVIEW PROCESS FOR THE PLAN WAS CREATED IN SB 1954 AND CODIFIED IN SECTION 380.093, F.S., AND INCORPORATED IN DEP RULE 62S-8, F.A.C.



ACCOMPLISHMENTS TO DATE RESILIENT FLORIDA PROGRAM





- 2022-2023 Statewide Flooding and Sea Level Rise Resilience Plan.
- Rulemaking.
- Proposed 2023-2024 Statewide Flooding and Sea Level Rise Resilience Plan.
- 2022 Report: Flood Resilience and Mitigation Efforts Across Florida with Chief Resilience Officer.



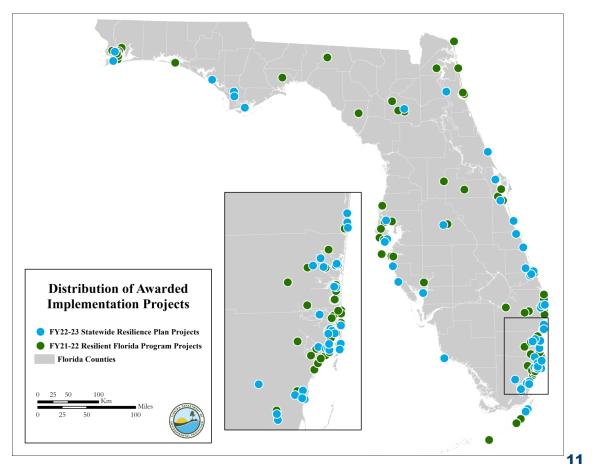
\$971 million RESILIENT FLORIDA PROGRAM AND FLOODING AND SEA LEVEL RISE RESILIENT PLAN\$40 million PLANNING GRANTS\$4 million REGIONAL RESILIENCE ENTITIES\$66 million CORAL RESTORATION, USF FLOOD HUB AND RESILIENT FLORIDA PROGRAM			
\$4 million REGIONAL RESILIENCE ENTITIES \$66 million CORAL RESTORATION, USF FLOOD HUB AND	\$971 millio	on	
\$66 million CORAL RESTORATION, USF FLOOD HUB AND	\$40 millio	on	PLANNING GRANTS
	\$4 millio	on	REGIONAL RESILIENCE ENTITIES
	\$66 millio	on	

RESILIENT FLORIDA PROGRAM AWARDS



263 implementation projects awarded in the program's first two years totaling nearly \$954 million.

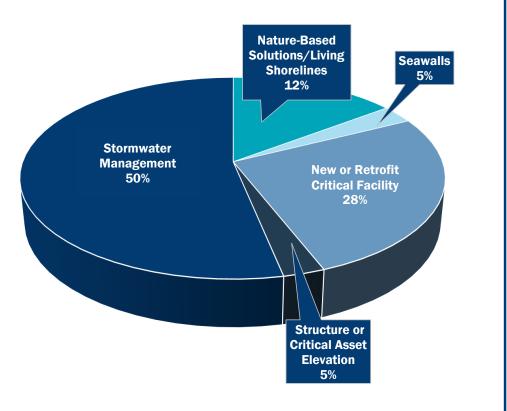
- FY21-22 Resilient Florida Program Grants - 138 projects totaling \$495 million.
- FY22-23 Statewide Resilience Plan:
 - 76 projects totaling \$270 million (state funds).
 - 49 projects totaling \$189 million SLFRF funds.



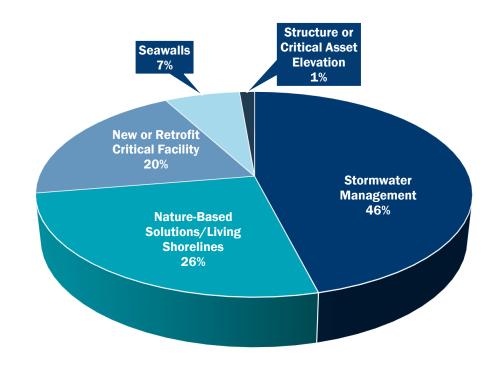
IMPLEMENTATION PROJECT TYPES



FY 21/22 Resilient Florida



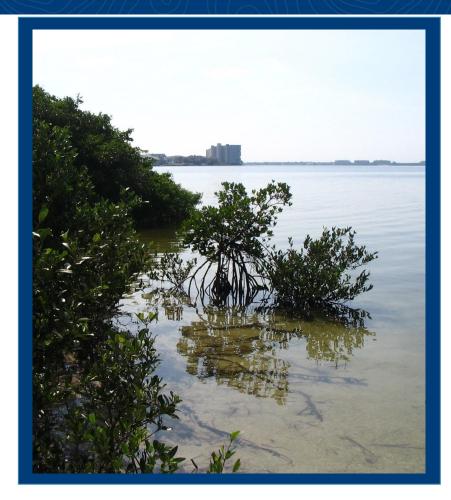
FY 22/23 Statewide Resilience Plan



12

LOOKING AHEAD RESILIENT FLORIDA PROGRAM 2023





PRE-APPLICATION PERIOD

- April 1 June 15.
- Staff-time dedicated to pre-application support:
 - Eligibility checks.
 - Application review and feedback.
 - GIS shapefile(s) for project area(s).

APPLICATION PERIOD

• July 1 – September 1

WEBINAR SERIES

- Planning and Implementation Q&A.
- · Adaptation Guidebook.
- RF Program Guidance.
- How to Navigate the Portal.

CONTACT- Office: (850) 245-7600.

- Web: <u>https://floridadep.gov/RFresources</u>.
- E-mail: <u>Resilience@FloridaDEP.gov</u>.



Alex Reed Office of Resilience and Coastal Protection Alex Reed of Ioridadep.gov 850-245-2101





Electric Vehicle Infrastructure Update

Trey Tillander, P.E. FDOT Executive Director of Transportation Technology

Senate Select Committee on Resiliency February 23, 2023

ELECTRIC VEHICLE MASTER PLAN



Florida Transportation Plan includes goals specific to EV and alternative fuels

Electric Vehicle Infrastructure Master Plan completed in July 2021 in response to FS 339.287

FDOT worked in consultation with the Florida Department of Environmental Protection, the Florida Public Service Commission and other state agencies

Extensive public engagement was conducted



2

ELECTRIC VEHICLE MASTER PLAN

The EVMP:



Reviewed charging station types and conceptual locations



Identified barriers to adoption

Identified implementation strategies





3

ELECTRIC VEHICLE INFRASTRUCTURE DEPLOYMENT PLAN

Florida's Electric Vehicle Infrastructure Deployment Plan developed in August 2022

Required to access National Electric Vehicle Infrastructure funds

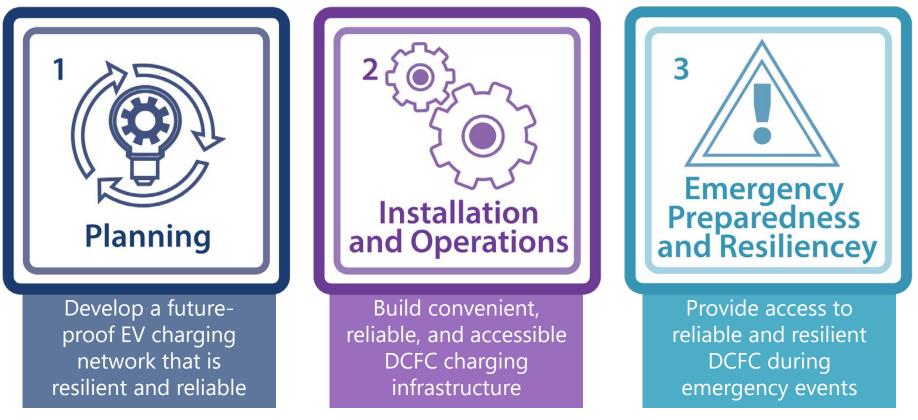
The Plan describes how Florida will implement the program

Approved by the Federal Highway Administration in September 2022



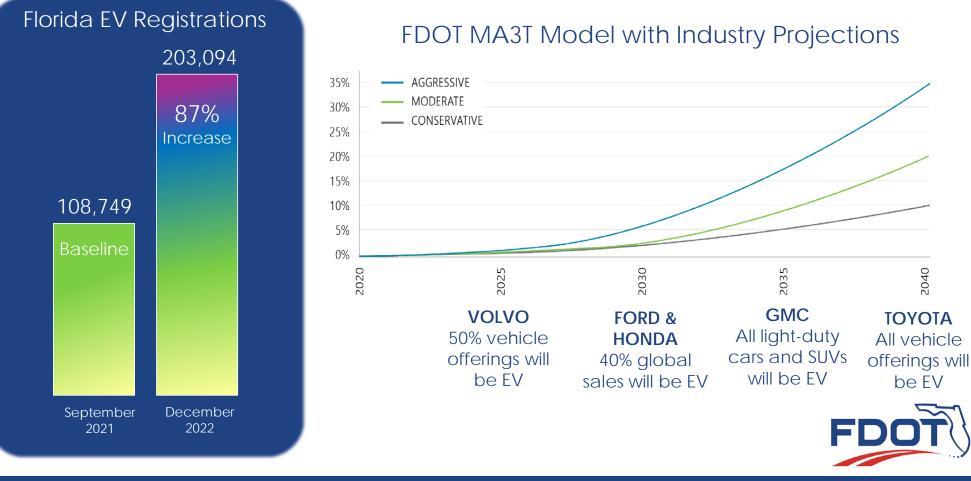


ELECTRIC VEHICLE INFRASTRUCTURE DEPLOYMENT PLAN





CURRENT STATE: EV MARKET ADOPTION



ELECTRIC VEHICLE TECHNOLOGY

Туре	Charge Rate		
Level 1	Slower charging speed		
Charger	– 8 hours to full charge		
Level 2	Slower charging speed		
Charger	– 2 hours to full charge		
DCFC	Fast charging speed – 30 minutes to full charge		

Focus of current EV Initiative: Direct Current Fast Charging (DCFC)



FUNDING | INFRASTRUCTURE INVESTMENT AND JOBS ACT

Formula Program

- National EV Infrastructure Program
- \$5 billion to state DOTs over five years
- \$198 million to Florida over five years

Discretionary Grant Program

- \$2.5 billion nationally
- Program to include Community Charging and Corridor Charging
- Metropolitan Planning Organizations, local governments, and Tribes
- Pending guidance from USDOT





THE FUTURE OF EV IN FLORIDA

Promote energy sources for transportation fuels.

Expand EV charging access to all users.

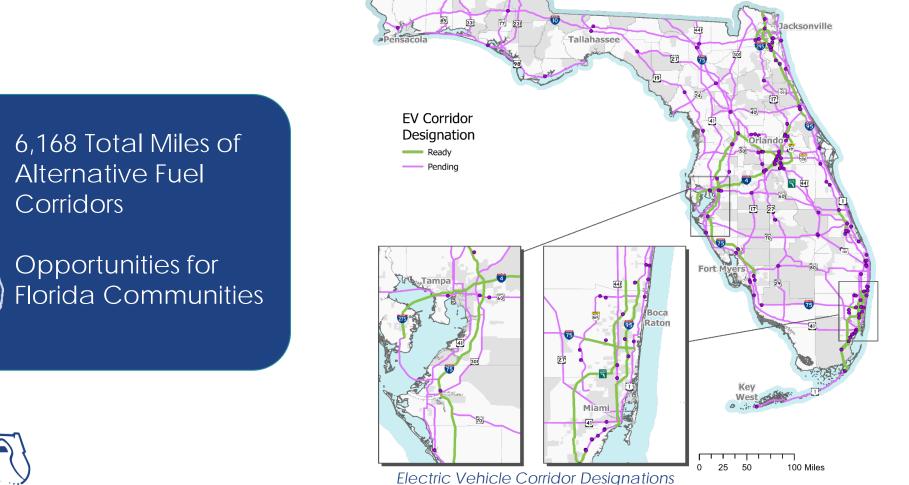
Enhance transportation options, including for rural and disadvantaged communities.

Build upon Florida's robust transportation system.



9

SYSTEMS APPROACH





10

IMPLEMENTATION APPROACH

Identify Alternative Fuel Corridor Gaps

Focus on Initial Interstate AFC Gaps (First Phase)

Focus on Remaining AFC Gaps (Future Phases)

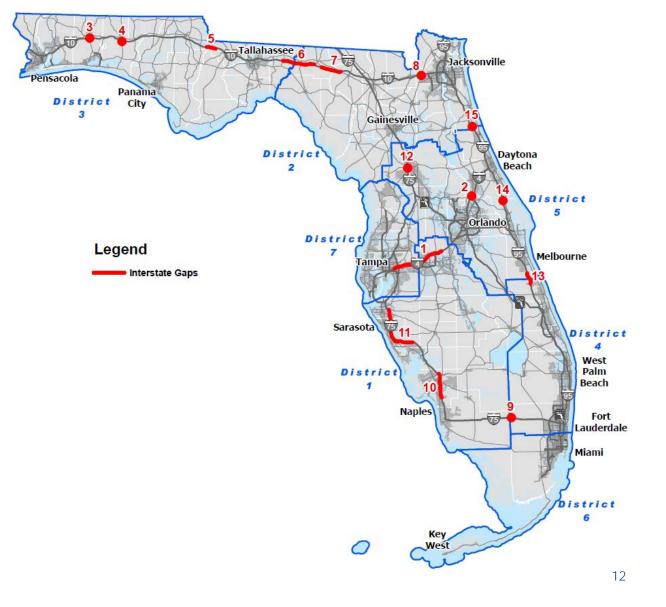
Deployment Phases to Coincide with NEVI Funding

FDOT



FIRST PHASE IMPLEMENTATION: ADDRESS MAJOR INTERSTATE GAPS





CURRENT STATUS AND NEXT STEPS FOR GRANT PROGRAM



Competitive selection process

Multiple sites selected through the process



Payment plan



Meets industry's request for clear, competitive, replicable process



FDOT will not own or operate the EV chargers

Prioritize sites that are ready













THE FLORIDA SENATE

Tallahassee, Florida 32399-1100

COMMITTEES: Appropriations Committee on Agriculture, Environment, and General Government, Vice Chair Agriculture Community Affairs Education Pre-K -12 Finance and Tax Fiscal Policy Military and Veterans Affairs, Space, and Domestic Security

SELECT COMMITTEE: Select Committee on Resiliency

SENATOR LORI BERMAN 26th District

February 20, 2023

Senator Ben Albritton, Chair Select Committee on Resiliency 2000 The Capitol 404 South Monroe Street Tallahassee, FL 32399-1100

Dear Chair Albritton:

I write this letter to request an excused absence from our Select Committee on Resiliency Committee meeting this Thursday, February 23, 2023 due to family reasons.

Thank you for your consideration of this request.

Sincerely,

Join Benne-

Lori Berman State Senator, District 26

cc: Tom Yeatman, Staff Director

REPLY TO:

2300 High Ridge Road, Suite 161, Boynton Beach, Florida 33426 (561) 292-6014 FAX: (888) 284-6491
 216 Senate Building, 404 South Monroe Street, Tallahassee, Florida 32399-1100 (850) 487-5026

Senate's Website: www.flsenate.gov



THE FLORIDA SENATE

Tallahassee, Florida 32399-1100

COMMITTEES: Finance and Tax, Chair Appropriations Appropriations Committee on Criminal and Civil Justice Banking and Insurance Children, Families, and Elder Affairs Criminal Justice Ethics and Elections

SELECT COMMITTEE: Select Committee on Resiliency

JOINT COMMITTEE: Joint Administrative Procedures Committee, Alternating Chair

SENATOR BLAISE INGOGLIA 11th District

February 23rd, 2022

The Honorable Ben Albritton, Chairman Suite 330, Senate Office Building 404 South Monroe Street Tallahassee, FL 32399-1100

Chairman Albritton,

I respectfully asked to be excused from the Select Committee on Resiliency that will be held on Thursday, February 23rd at 9:30 am.

Thank you for your consideration of this request.

Sincerely,

Blaise Ingoglia State Senator, District 11

CC'd: Tom Yeatman, Staff Director Michele Grimes, Administrative Assistant

□ 312 Senate Building, 404 South Monroe Street, Tallahassee, Florida 32399-1100 (850) 487-5011



DISTRICT OFFICE:

3475 Sheridan Street Suite 211 Hollywood, FL 33021 *pizzo.jason@flsenate.gov*

SENATE OFFICE:

222 Senate Office Building 404 South Monroe Street Tallahassee, FL 32399 Phone: 850.487.5038

STAFF:

Teri Cariota Senior Legislative Aide cariota.teri@flsenate.gov

Kayla Francis Legislative Aide francis.kayla@flsenate.gov

Olivia Callari District Legislative Aide callari.olivia@flsenate.gov

COMMITTEE MEMBERSHIP:

Joint Legislative Auditing, Chair

Appropriations

Appropriations Committee on Criminal & Civil Justice

Community Affairs

Criminal Justice

Finance & Tax

Military & Veterans Affairs, Space, and Domestic Security

Resiliency

KATHLEEN PASSIDOMO *President of the Senate*

DENNIS BAXLEY President Pro Tempore

THE FLORIDA SENATE SENATOR JASON W.B. PIZZO

February 23, 2023

The Honorable Ben Albritton, Chair Select Committee on Resiliency 330 Senate Building 404 South Monroe Street Tallahassee, FL 32399

Dear Chair Albritton,

Please excuse my absence from the Select Committee on Resiliency on February 23rd, 2023.

Sincerely,

NAM

Jason W.B. Pizzo

	1 1	The Flori	da Senate		
Select	2 23 23 Meeting Date Committee on 1 Committee	APPEARAN Deliver both cop Senate professional staff	pies of this form t	to	Presentations - DEP Bill Number or Topic Amendment Barcode (if applicable)
Name	Adam Blo	NOCK - Deputy Secretar	nj F	Phone	
Address	3900 Com Street	monwealth Blud	E	Email	
	<u>Tallahasset</u> City	E FL State Zip			
	Speaking: Sor	Against Information	R Waive	e Speaking:	In Support Against
PLEASE CHECK ONE OF THE FOLLOWING:					
FL Envi	n appearing without npensation or sponsorship. Dept. Of ronmental fection	I am a registered lo representing:	obbyist,		I am not a lobbyist, but received something of value for my appearance (travel, meals, lodging, etc.), sponsored by:

While it is a tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this hearing. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard. If you have questions about registering to lobby please see Fla. Stat. §11.045 and Joint Rule 1. <u>2020-2022 Joint Rules.pdf (flsenate.gov)</u>

This form is part of the public record for this meeting.

S-001 (08/10/2021)

The Florida Senate					
Meeting Date	Deliver both copies of this form to te professional staff conducting the meeting		Presentation - DEP Bill Number or Topic Amendment Barcode (if applicable)		
Name Alex Reed - Director	DEP	Phone			
Address 3900 Commonwealth	Blud	Email			
Tallahossee FL City State	32399 Zip	_	а С		
Speaking: For Against Info	prmation OR	Waive Speaking:	In Support Against		
PLEASE CHECK ONE OF THE FOLLOWING:					
am appearing without compensation or sponsorship.	I am a registered lobbyist, representing:		I am not a lobbyist, but received something of value for my appearance (travel, meals, lodging, etc.), sponsored by:		

While it is a tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this hearing. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard. If you have questions about registering to lobby please see Fla. Stat. §11.045 and Joint Rule 1. <u>2020-2022 Joint Rules.pdf (flsenate.gov)</u>

This form is part of the public record for this meeting.

S-001 (08/10/2021)

The Florida Senate					
2/23/23	APPEARANCE	RECORD	Electric Vehicle		
Select Committee on Resiling	Deliver both copies of th Senate professional staff conduc		Bill Number or Topic		
Name <u>Trey</u> Tillander	,	Phone 85	Amendment Barcode (if applicable)		
Address 605 Suvance	Street	Email Trey.	Tillander Odot. stat. Fl.us		
Tullahasee FL 32399 City State Zip					
Speaking: 🗌 For 🗌 Against	Information OR	Waive Speaking:] In Support 🗌 Against		
PLEASE CHECK ONE OF THE FOLLOWING:					
I am appearing without compensation or sponsorship.	I am a registered lobbyist, representing:		I am not a lobbyist, but received something of value for my appearance (travel, meals, lodging, etc.), sponsored by:		

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This form is part of the public record for this meeting.

S-001 (08/10/2021)

CourtSmart Tag Report

Room: SB 110 Caption: Senate Select Committee on F		Case No.: Resiliency	Type: Judge:	
Started: 2/23/2023 9:33:53 AM Ends: 2/23/2023 11:10:48 AM Length: 01:36:56				
	/2023 11:10:48 AM Chair Albritton calls me Roll Call Quorum present Senators Berman, Pizz Pledge of Allegiance Chair gives committee Senator Thompson asl TAB 1 Presentations by the D Presentation 1 - Waster	eeting to order zo and Ingoglia excused from meeting meeting instructions ks for moment of silence epartment of Environmental Protection ewater Grant Program Secretary of Ecosystem Restoration		
9:55:20 AM 9:56:01 AM 9:57:01 AM 9:57:26 AM 9:57:58 AM 9:58:10 AM 10:14:53 AM 10:15:56 AM 10:15:59 AM 10:16:21 AM 10:16:42 AM 10:16:48 AM 10:16:48 AM 10:18:14 AM 10:18:14 AM 10:18:21 AM 10:18:31 AM 10:20:37 AM 10:20:47 AM 10:31:25 AM	Alex Reed, Director of Alex Reed concludes p Chair Albritton asks for Senator Harrell Alex Reed Senator Harrell Alex Reed Chair Albritton Senator Thompson Alex Reed Chair Albritton TAB 2 Presentation by the De	r questions epartment of Transportation - Electric Veh ve Director of Transportation Technology	icle Charging Infrastructure	

10:32:26 AM Questions: 10:32:35 AM Senator Stewart 10:32:43 AM **Trey Tillander** 10:32:48 AM Senator Stewart **Trey Tillander** 10:33:30 AM 10:33:47 AM Senator Harrell 10:34:53 AM **Trey Tillander** 10:35:53 AM Senator Harrell 10:36:54 AM Trey Tillander 10:37:44 AM Senator Harrell 10:38:05 AM **Trey Tillander** 10:38:12 AM Senator Harrell 10:38:34 AM **Trey Tillander** 10:38:49 AM Senator Albritton 10:39:07 AM Senator Martin 10:39:38 AM **Trey Tillander** 10:41:22 AM Senator Martin **Trey Tillander** 10:42:23 AM 10:42:32 AM Senator Martin 10:42:41 AM **Trey Tillander** 10:42:52 AM Senator Martin 10:43:28 AM **Trey Tillander** 10:44:03 AM Senator Albritton 10:44:27 AM Senator Powell 10:44:31 AM **Trey Tillander** 10:45:06 AM Senator Albritton 10:45:58 AM Senator Calatayud 10:47:03 AM **Trey Tillander** 10:47:56 AM Senator Polsky 10:49:48 AM **Trey Tillander** Senator Polsky 10:50:57 AM **Trey Tillander** 10:51:58 AM Senator Albritton 10:52:25 AM 10:52:50 AM Senator Davis **Trey Tillander** 10:53:16 AM 10:53:30 AM Senator Davis 10:54:34 AM **Trey Tillander** 10:55:00 AM Senator Albritton 10:56:08 AM Senator Martin 10:56:18 AM **Trey Tillander** 10:56:26 AM Senator Martin 10:56:48 AM **Trey Tillander** 10:56:52 AM Senator Martin 10:57:23 AM Chair Albritton Senator Bradley 10:57:27 AM 10:57:40 AM **Trey Tillander** 10:58:19 AM Senator Bradley 10:59:15 AM **Trey Tillander** 10:59:31 AM Senator Bradley **Trey Tillander** 11:00:13 AM Chair Albritton 11:01:00 AM 11:01:53 AM **Trey Tillander** 11:02:41 AM Chair Albritton 11:03:54 AM Senator Wright 11:05:07 AM Chair Albritton 11:06:06 AM **Trey Tillander** 11:06:34 AM Senator Polsky 11:07:54 AM Chair Albritton 11:09:35 AM Senator Grall moves to adjourn Without objection, meeting adjourned 11:09:36 AM