

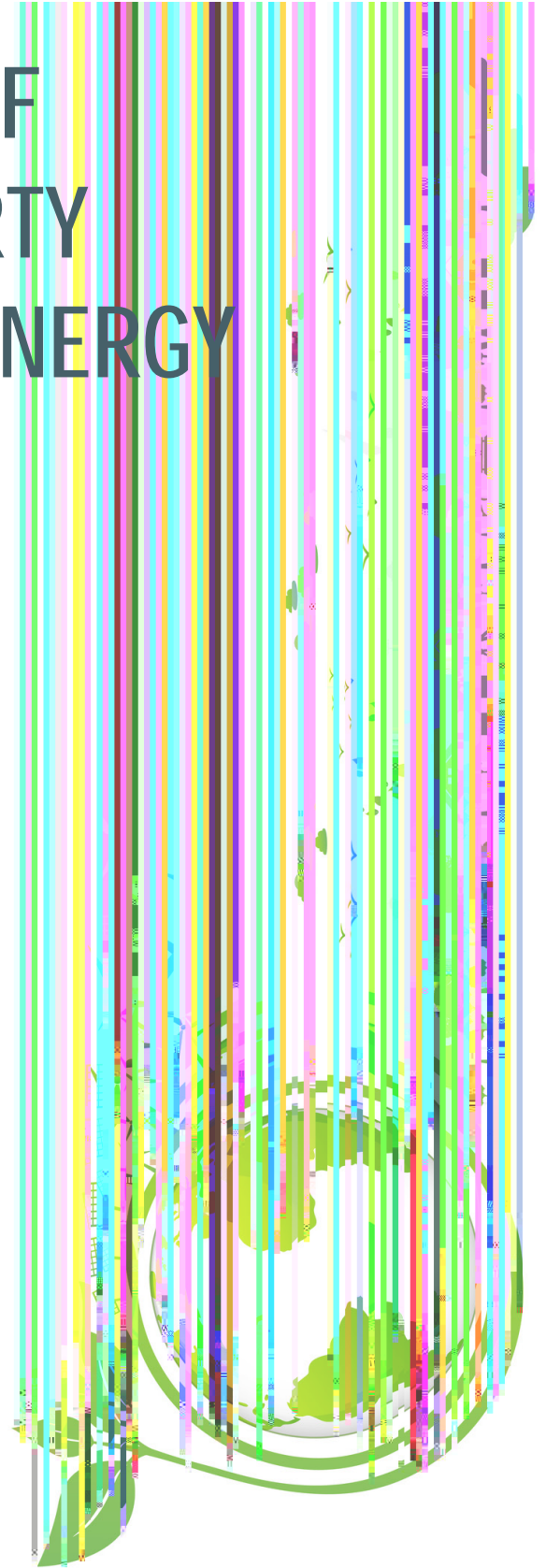
PUBLIC IMPACTS OF FLORIDA'S PROPERTY ASSESSED CLEAN ENERGY (PACE) PROGRAM

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Property Assessed Clean Energy
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2020 Public Impact of Florida's
Property Assessed Clean Energy



FOREWORD

The Patel College of Global Sustainability at the University of South Florida

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INITIAL PA INVESTMENT DATA



Category	Value
PA	
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\$400	
(\$455)	
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Fig. 1 – CUMULATIVE PACE INVESTMENT BY YGRENE IN FLORIDA

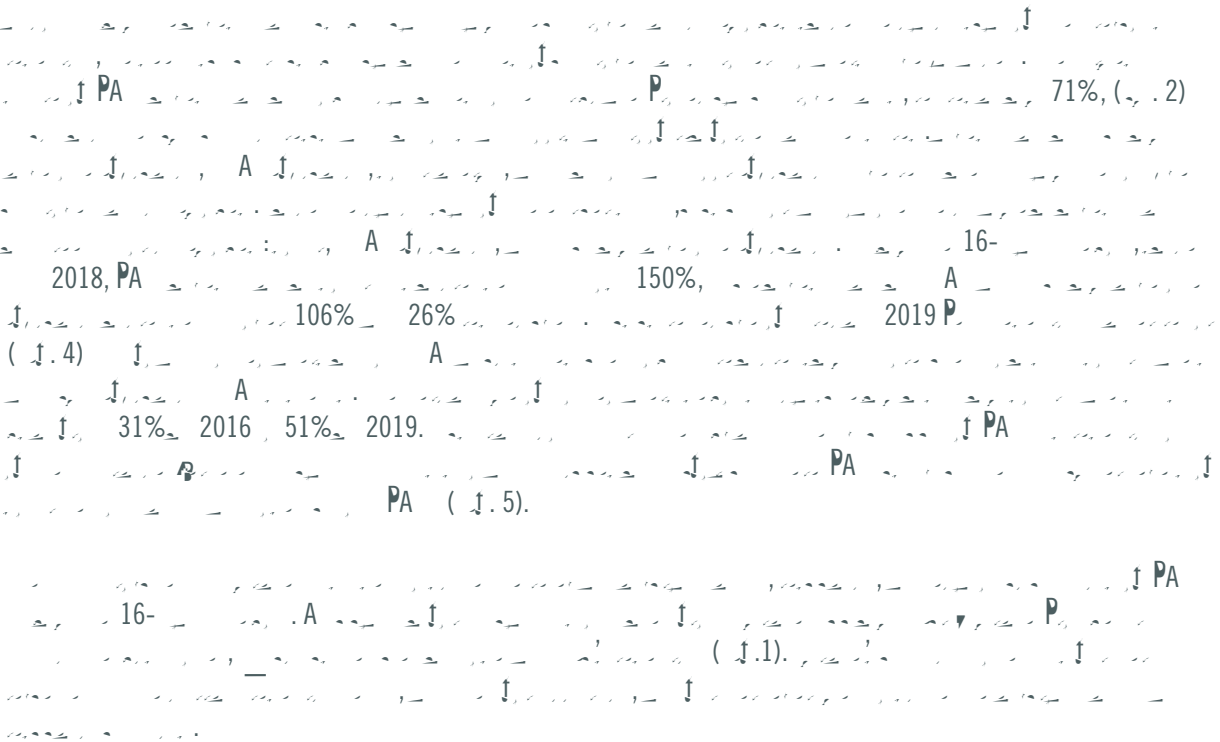
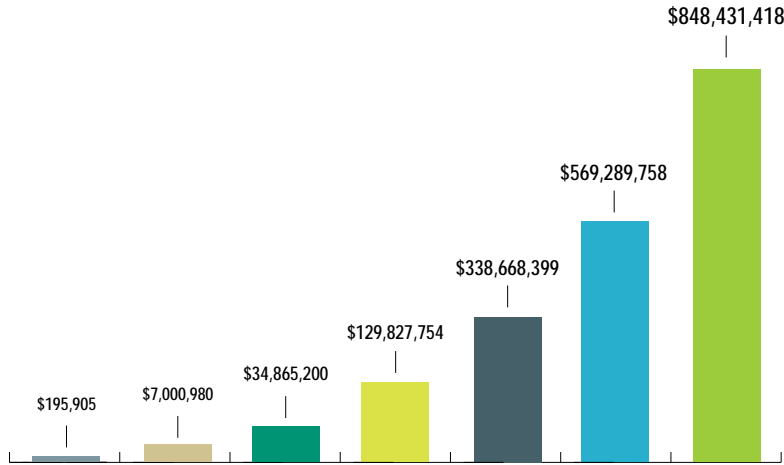
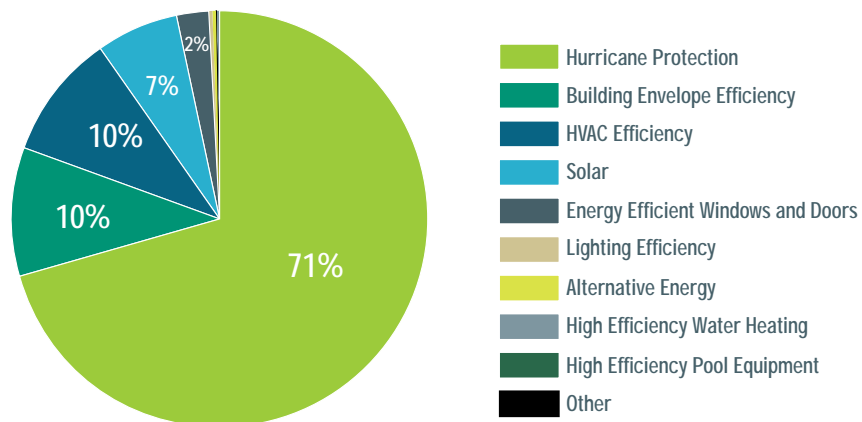


Fig. 2 – YGRENE PACE INVESTMENT IN FLORIDA BY IMPROVEMENT TYPE



RESULTS

SCALED ENERGY AND ENVIRONMENTAL IMPACTS IN FLORIDA



Change in lifetime electricity saved: over 1X
 Change in natural gas saved: over 0.75X
 Change in lifetime greenhouse gas emissions reduced: over 1X
 Change in Solar PV installed: over 1.5X

Table 2 – SCALED ENERGY AND ENVIRONMENTAL IMPACT DATA – RESULTS

Improvement Type	2013 - July 2018 (Ref. 1)	August 2018 - November 2019	Total Since Inception
↓ ()*			

* 78,000 (PA, J. 8).

**1 () 1

*** 114,000 (PA, J. 8).

SCALED HURRICANE RESILIENCY IMPACTS IN FLORIDA

Patel College of Global Sustainability

SCALED IN-DIRECT ECONOMIC AND TAX IMPACTS

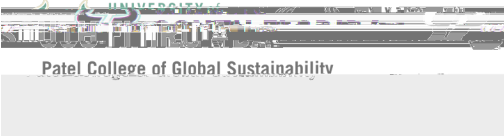


Table 5 – SCALED FEDERAL AND STATE/LOCAL IN-DIRECT TAX IMPACT DATA (

A)

Impact	Scaling Factor per Dollar PACE Investment	2013 - July 2018 (Ref. 1)	August 2018 - November 2019	Total Since Inception
Personal Income Tax	0.141	\$60	\$60	\$120
Corporate Income Tax	0.084	\$40	\$30	\$70
State and Local Sales Tax	0.075	\$30	\$30	\$60
Total	0.299	\$140	\$120	\$260

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FLORIDA REGIONAL ANALYSIS

North Florida: Alachua, Clay, Escambia, Levy, Volusia

Central Florida: Brevard, Charlotte, Citrus, Hernando, Hillsborough, Manatee, Marion, Martin, Nassau, Orange, Osceola, Pasco, Pinellas, Sarasota, Seminole

South Florida: Broward, Collier, Lee, Miami-Dade, Monroe, Palm Beach

Table 6 – YEAR TO DATE TOTAL PACE INVESTMENT AMOUNT BY FLORIDA REGION

Impact	YTD Total PACE Investment Amount (\$ millions)
North Florida	\$2
Central Florida	\$81
South Florida	\$765
Statewide Total	\$848

Table 7 – YEAR TO DATE SCALED ENERGY AND ENVIRONMENTAL IMPACT DATA FOR EACH FLORIDA REGION

Region	Estimated Lifetime Total Electricity Saved (million kWh)	Estimated Lifetime Total Natural Gas Saved (Mcf)	Estimated Lifetime Total Carbon Abated (millions metric tons)
North Florida	7	4	0.004
Central Florida	189	120	0.110
South Florida	768	355	0.430

Table 8 – YEAR TO DATE SCALED INSURANCE AND HAZARD LOSS AVOIDANCE DATA FOR EACH FLORIDA REGION

Region	Estimated Adjusted Lifetime Insurance Savings (\$ millions)	Estimated Avoided Disaster Losses (\$ millions)	Estimated Avoided Displacement Costs (\$ millions)
North	0.3	\$1.3	\$0.3
Central	30	\$60	\$15
South	1,230	\$910	\$240

Table 9 – YEAR TO DATE SCALED IN-DIRECT ECONOMIC IMPACT DATA FOR EACH FLORIDA REGION

Region	Estimated Job Years Created	Estimated Gross Economic Output (\$ millions)
North	60	\$6
Central	2,080	\$200
South	19,670	\$1,900



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