

# **HOW AN EDUCATIONAL EFFICIENCY PROGRAM TRANSFORMED THE ENERGY INDUSTRY IN PUERTO RICO**

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# INTRODUCTION

Through the past the 10 years Puerto Rico has experience a dramatic transformation on their energy industry. We had gone from a none efficient way of producing energy to a revolution of energy efficiency and renewable energy developments.

Although its just the beginning, thanks to Act. 114 of 2007, 248 of 2008, 82 & 83 of 2010, 19 of 2012, 57 of 2014 and 133 of 2016 our people had learn what they need and understand the goals we need to achieve to be able to go back to an economy with a constant growth.



# THE BEGINNING

Act 114 2007

- Established the Net Metering Program
  - Too many obstacles from PREPA

Act 248 2008

- Tax Credit Program for Renewable Energy Projects
  - High equipment costs



# FIRST STEPS

Since it was the first time that a grant of more than \$100MM was going to be awarded to PR, specifically to the PR Energy Affairs Administration, an ambitious plan to develop new programs that can directly impact the most needed was created in 2009.

Which programs?

- EE & RE Educational Program
  - Radio & Newspapers and TV
- Energy Efficiency Conservation Block Grant
  - Non for Profit and Municipalities
- State Energy Program
  - Residential and Commercial Projects
- Weatherization Assistance Program
  - Low Income Families



# INTERMEDIATE STEPS

During 2010 Acts 82 & 83 were enacted looking to establish the first Renewable Portfolio Standard (RPS) and the Green Energy Fund. That RPS mandates the following:

- 12% of the generation with renewables by 2015
- 15% of the generation with renewables by 2020
- 20% of the generation with renewables by 2035



## Green Energy Fund

- Incentive Program (Rebates) of up to 40% of the total cost of a PV system
- Originally allocates \$290MM
- During 2015 was reduced to \$190MM
- By summer 2018 was eliminated

# NEXT STEPS

Assist Non for Profits, Community Organizations and Professional Association to keep spreading the word on how to be efficient, how to produce their own energy and why resiliency is so important for our island.

Transform the way our energy is produced. As of today we have the following mixture:

- 45% Oil
- 4% Renewables
- 34% LNG
- 14% Carbon





# QUESTIONS?



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