

# Renewable Energy Working Group Overview

Gerry Groner, Esq.

RE working group co-chair and member of WAPA board



Credit: Don Buchanan, VI Energy Office



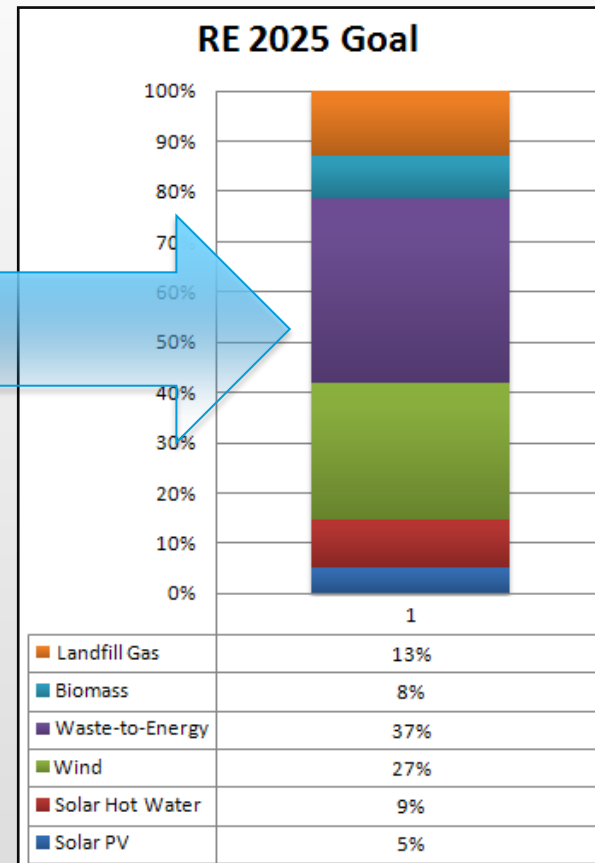
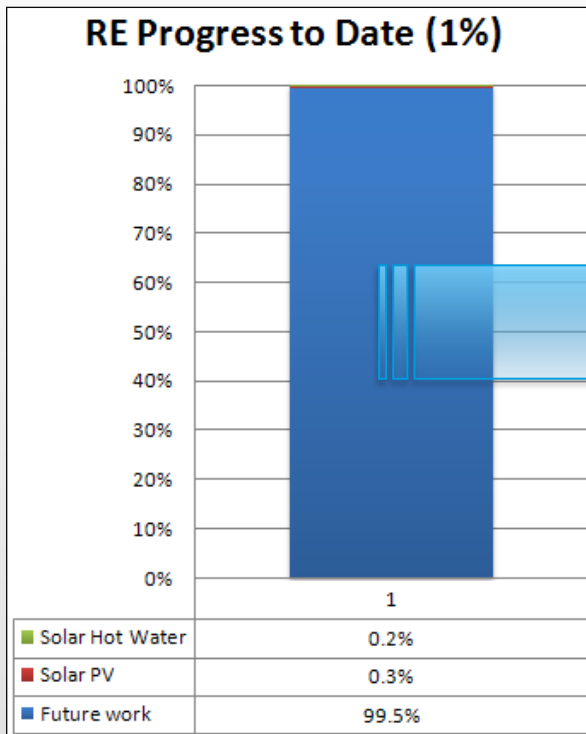
Credit: Don Buchanan, VI Energy Office



Credit: Warren Gretz, NREL



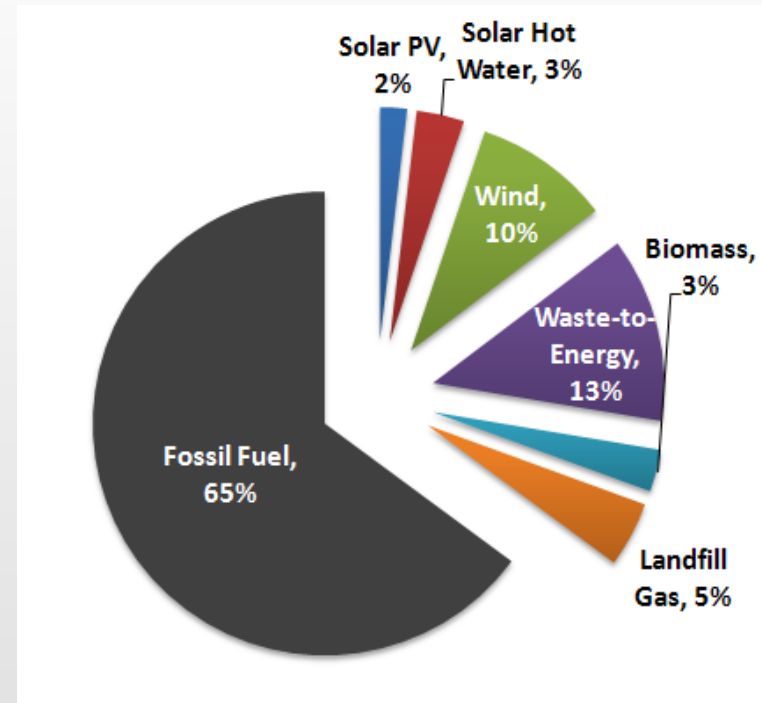
# 2025 Goal Is to Fill the Stack



# Today's WG Meeting Goals

## Report Out

- Presentations to be followed by discussions
- Identify challenges
- Identify next steps



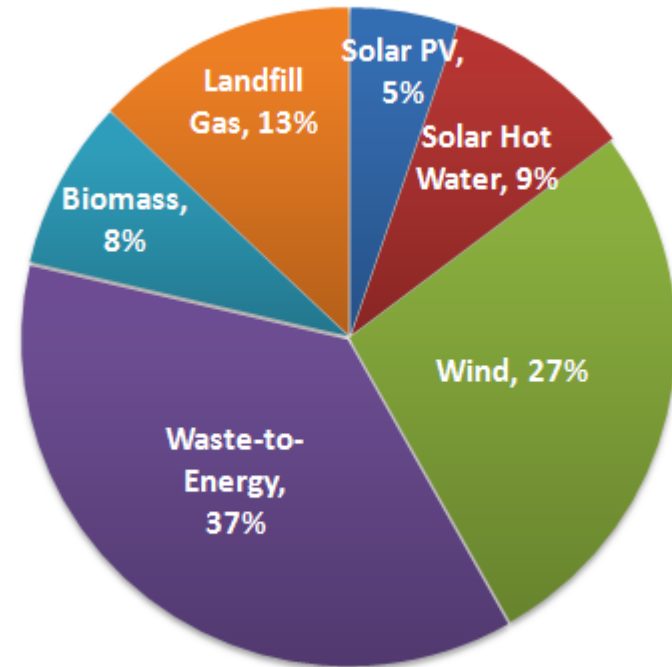
Not including energy efficiency

# REWG Team

Elizabeth Armstrong	Buccaneer Hotel	Carl Joseph	VI Energy Office
Kari Burman	NREL	Dan Olis	NREL
Paul Chakroff	STX Environmental Ass.	Makea Okolo	Delegate Christensen
Nesha Christian-Hendrickson	private citizen, attorney	Rebekah Shirley	UC Berkeley grad. student
Cassandra Dunn	WAPA	Jay Silva	Silva Energy
John Foster	TUTU Park Mall	Bevan Smith	VI Energy Office
Helen Gjessing	League of Women Voters	Dave Smith	UVI physics professor RE vendor, photovoltaic distributor/installer
Vahan Gevorgian	NREL	Gary Udmani	
Allyson Gregory	WAPA, T&D	Brian Walden	Solar Systems VI
Gerry Groner	WAPA Governing Board	Adam Warren	NREL
Scott Haase	NREL	Arlen Wheeler	Caribbean Engineering Associates; CEC EVs
Clinton Hedrington	WAPA, T&D	Juanita Young	WAPA Governing Board
Hugo Hodge	WAPA, CEO	Karl Knight	Gov. de Jongh's office
Onaje Jackson	SSDI	Sue Parten	CES
Kelly Gloger	Solar Delivered	Others...	

## Some recent REWG meeting agenda items:

- Wind anemometry
- WAPA PV RFP
- VI waste-to-energy and biomass
- Education & outreach
- Puerto Rico interconnection
- Utility integration of wind and PV
- Our goals, mission, challenges

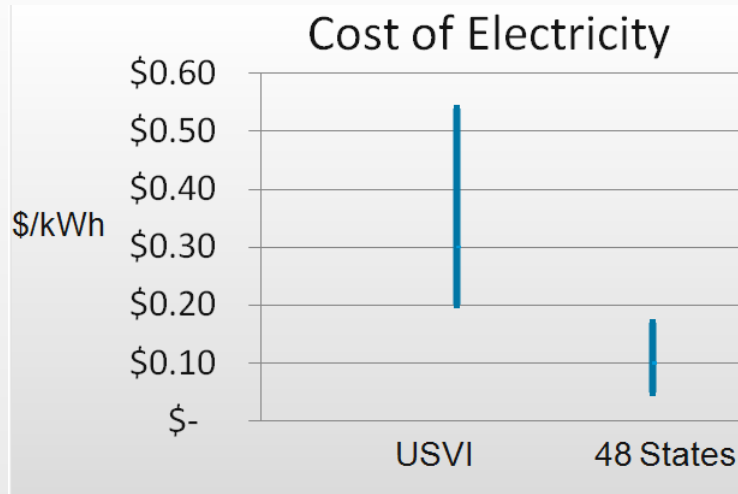


Base Case RE Breakdown

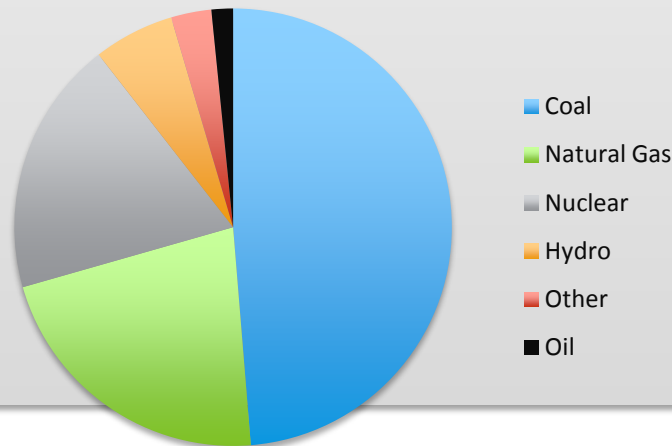


- Three meetings since November workshop

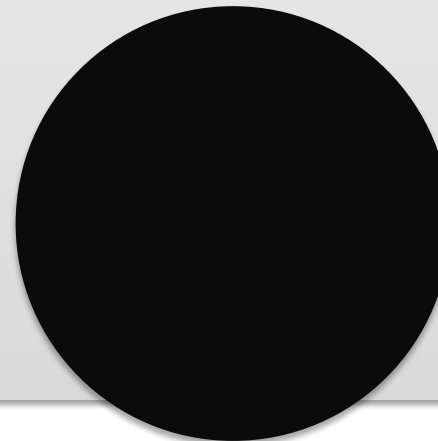
# Unique Challenges, Unique Opportunities



**The 50 states generation mix**



**USVI generation mix**



# Renewable Energy

## Opportunities

- USVI is in a unique position to lead
  - Caribbean
  - U.S.
- Economics are on the side of RE
  - Cost-benefit
  - Job creation
  - Tourism
- We are tuned in to energy issues

# Renewable Energy

## Opportunities

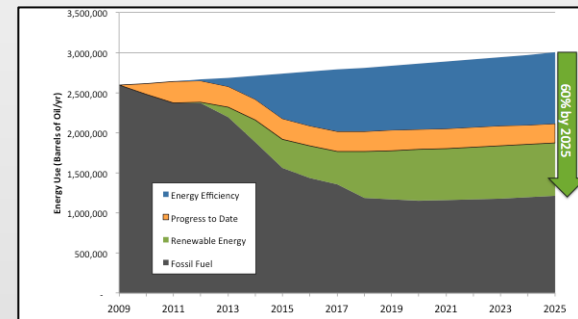
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## Challenges

- Lots to do
- New paradigms; change is not easy
- Integration with utility system (dispatchable vs. intermittent)
- Big goals requires big team
  - Need widespread ownership
  - Across and deep into many agencies, groups

# Today's RE Presentations

- General overview of the RE road map; some current efforts
- Cost-benefit analysis of utility-scale renewable energy using HOMER
- PV grid integration work
- Puerto Rico – VI interconnection



# Goals for this session are to describe:

- How much or how big
- Technical and economic outlook
- Challenges
- Next steps