

Snapshot of El Salvador's Energy Sector

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Regional Energy/Environment Spe

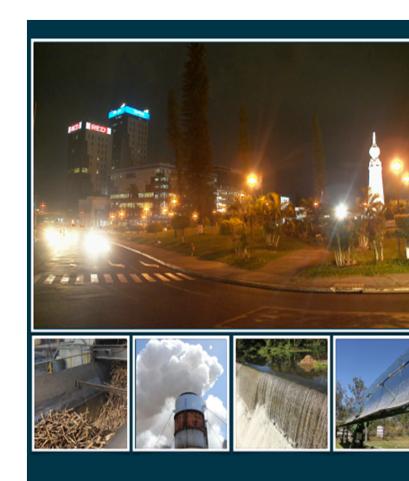
gy status in El Salvador

apacity per resource **General Information** Maximum Demand 2012 975 **Installed Capacity** Technology (MW) 1.38 r **Residential customers** 472 С 204.4 115 Non residential 691.2 Electrificaction coverage 91. 109.5 ugar cane waste) Population 6.3 n 14.5)S Impo Biomasa Total ón de la capacidad instalada 1954 - 2011 1491.6 MW 216 170 GWh 3% Hidro 2007 GWh Térmica 34% RMICO 2119 GWh DMASA 36% 0 DRO Geo

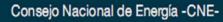
1430 GW/h

ergy Policy of El Salvador ategic guidelines

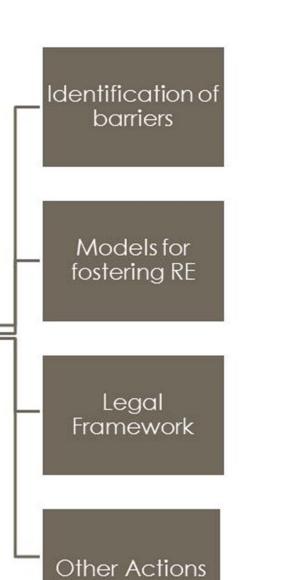
- cation of energy matrix and fostering of energy sources
- ening of the energy sector institutions and advocacy
- on of energy efficiency and energy savings
- ogical innovation and development
- I Electricity Integration
- g of service coverage and reduced tariffs for







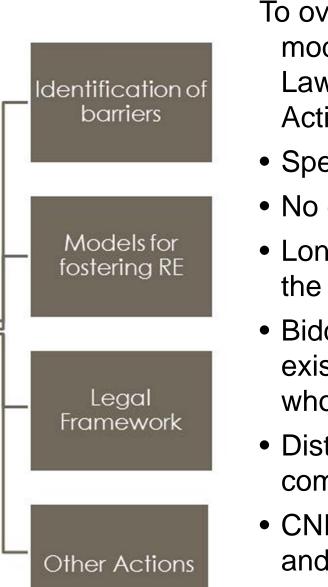
ewable Energy Development



Identified barriers in local legislation that hind fostering of RE

- Lack of long term contracts
- Regulatory gap for self producers connectin distribution grid
- Deficiencies regarding firm power
- Gaps in special criteria for power delivery
- Lack of information for project developers
- Lack of special connection requirements

ewable Energy Development



To overcome barriers and implement a model to foster RE, modifications were made to the Regulation of the General Law (RLGE) as well as to the Applicable Regulation of Mar Activities (*) incorporating the following measures:

- Special procedure of auto dispatch of renewable energies
- No commitment requested to guarantee firm power
- Long-term contracts for private producers injecting their su the distributor network
- Bidding for hiring long term renewable technology for new existing RE permitted without stipulations to participate in t wholesale market
- Distributors with obligation to allow the passageway of ene coming from renewable generators and no toll payments
- CNE adopted the Renewal Portfolio Standard (RPS) for co and pricing, to meet the needs of the country

newable Energy Development

Tender for small scale RE program estimated to be bid at end of 2 April 2013

Sources identified included: Hydroelectric up to 20MW, Eolic, Pho Concentrated Thermal Solar, Biomass and Biogas*

Potential bidders has been identified as:

Individuals and community organizations possessing water resou
Textile. Photovoltaic Technology (PV)

ergy Efficiency

- ficiency in the use of energy is the fundamental component of the er licy for El Salvador
- National Energy Commission (CNE) elaborated and submitted a dra EE law to the Technical Secretariat for approval and subsected esentation to Congress
- I Salvador Saves Energy" Program promotes, strengthens and consolid e rational the efficient and rational use of electricity. The Progra ordinated by the CNE
- e National Council for Quality has two entities (OSN & OSART sponsible for the creation and implementation of standards and tech gulations
- arrently there are five mandatory standards which apply to compact an In fluorescent lamps, AC engines, domestic and commercial self-conta frigeration equipment, and high intensity discharge (HID) lamps

nal remarks

generation deficit (shortages and high prices of electrical energy pected for year 2017

e development of the MER (firm contracts and transmission rig necessary to meet imports required to fulfill demand via contr h generators installed in other countries

solving the deficit and growth of demand by installing bunker ba ermal generation, solves only supply security but not price stabilit



nal remarks

- The strategy of diversification of the energy matrix of El Salva continue, incorporating Renewable Energy
- Equal importance should be given to the strengthening of su Energy Efficiency programs
- It is of the utmost importance the continuation and wid cooperative programs by USG, USAID and other donors, USAID Regional Clean Energy Initiative, being implement challenging 6 country environment to develop the Central Regional Energy Market.

