

## HONDURAS Possible Expansion of Electricity Service by Household

\$ 15,000 cost of new pump versus \$ 6,000 to refurbish

\$ 9,000 savings on each of 252 pumps refurbished versus new = \$ 2,268,000

\$ 2,268,000 divided by \$ 500 per household (estimated cost) to install electric service and meter = 4,536 new households for each 252 pumps refurbished

**World Bank and Global Energy Observatory Data**  
**% of Population with Electricity and MAN Diesel 18V48/60 Engines**

<http://data.worldbank.org/indicator/EG.ELC.ACCS.ZS>



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Access to electricity (% of ... Search data e.g. GDP, population, Indonesia

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### Access to electricity (% of population)

World Bank, Sustainable Energy for All ( SE4ALL ) database from World Bank, Global Electrification database.

#### Overview per country

Country	1990	2012
Honduras	64.0	82.2

**17.8 % Without Electricity and 252 Pumps Replaced As Needed**  
 (18 pumps per 14 engines replaced every 12 to 14 months if engine runs 24 hours per day 7 days a week)

<http://globalenergyobservatory.org/index.php>

Individual Units for Oil in Honduras			
Plant Name	Unit	Diesel Engine / Boiler Manufacturer	Diesel Engine / Boiler Model/Type
Choloma III IC Power Plant Honduras	1	MAN	5x18V48/60B
Design Capacity (MWe): 283.5			
Coordinates: 15.5966,-87.9376	2	MAN	9x18V48/60B