

## NICARAGUA Possible Expansion of Electricity Service by Household

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

\$ 9,000 savings on each of 72 pumps refurbished versus new = \$ 648,000

\$ 648,000 divided by \$ 500 per household (estimated cost) to install electric service and meter = 1,296 new households for each 72 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>



Home About Data Research Learning News Proj

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

This page in: English Español Français العربية 中文

### 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
Nicaragua	71.0	77.9

22.1 % Without Electricity and 72 Pumps Replaced As Needed

(18 pumps per 4 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 Nicaragua			
Plant Name	Unit	Diesel Engine / Boiler Manufacturer	Diesel Engine / Boiler Model/Type
Corinto Barge IC Power Plant Nicaragua Design Capacity (MWe): 71 Coordinates: 12.4883,-87.16735	1	MAN B&W	four 18V48/60