Combined Forces With The Police, Gear Up Israel Electric Revenue Protection Efforts

SARPA CONVENTION 2018

Effective revenue protections a critical success factor for util

11-12 July 2013

Hosted by Mossel Bay Municipality





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Israel Electric Corporation





90 Years of Electricity







Presentation Overview



- Introduction
- Increase in electricity rates encouraging Electricity Theft
- **Combating Electricity Theft**
 - Israel Electric Security Unit
- Founding the IEC Investigations and Intelligence Unit
 - Conducting operations with law enforcement and government agencies
 - **Exposing cannabis growing hydro laboratories**
 - Summary



Israel Electric Corporation

customer base:

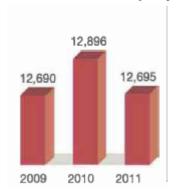
7.2 million population

2.5 million customers

Total electricity sales

in 2012: 8 billion USD

Number of employees

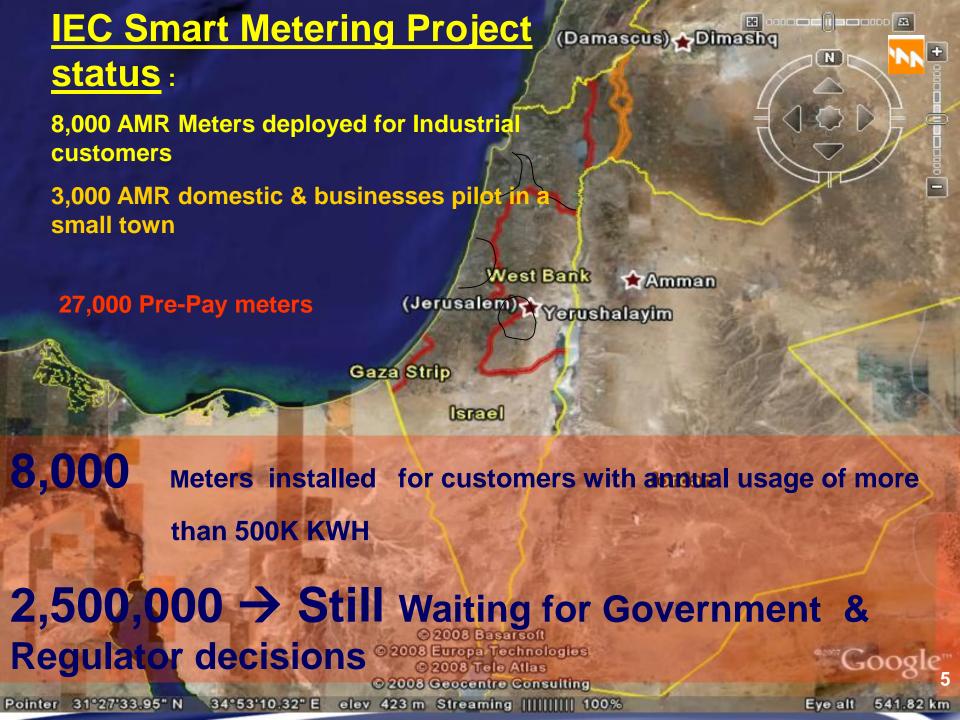


Size of Israel:

2% of South Africa









The New Israeli Gas Emirate

Dalit

Mari

Noa

GAZA STRIP



Israel's Gas Bonanza

A string of recent large offshore natural gas discoveries, and the likelihood that more will follow, has triggered a gas rush in Israel that could transform the historically energy poor country into a hydrocarbon heavyweight. Below are Israel's gas discoveries so far.

LEBANON SYRIA

25 miles

GOLAN HEIGHTS 25 km

Leviathan

On Dec. 29, 2010, Noble Energy announces it has made a "significant natural gas discovery" at Leviathan, and confirmed earlier estimates that the field contains 16 trillion cubic feet of natural gas - making it easily the largest exploration find in Noble's history.



Tamar gas field fuels IEC generators since April 1, 2013

WEST BANK

ISRAEL

Jerusalem



כבר משעים שנה

6









Infrastructure Theft



Ethics Commissioner





Israel - KWH Price Hike

(US cents)





2014

2013



Electricity Theft Rate Expected To Leap



Combating Electricity Theft



100 million ZAR

400 million

ZAR





Combating Electricity Theft

 Electricity theft is a criminal offense and is punishable by up to five years in prison.

Filing a police complaint – not an easy procedure.

- Complaint rejected for lack of public interest, or for lack of evidence.
- Focus on just a few severe types of theft of electricity.
- Complaints are reopend following our appeals.





Israel Electric Security Unit



- Protecting power plants, substations, power lines, office buildings and employees who work in dangerous areas.
- Excellent work relationships with regional police stations,
 assising Revenue Protection investigators whenever necessary.
- Employing ex Israeli Police officers.
- Conducting sting operations in coordination with the Israel Police and Revenue Protection investigators.





Israel Electric Security Unit Combatting Infrastructure Theft

- Involved with prevention efforts of electricity infrastructure theft, mainly copper cables and transformers copper cores.
- Damages caused to the Israel Electric infrastructure by copper theft - 50 million Rands annualy.
- Operating a volunteer patrol force.
- Capturing and framing gangs specializing in copper & metal thefts.









Israel Electric Security Unit Combatting Infrastructure Theft

- Gathering intelligence intended for arresting metal thieves on the scene of the crime, and raid metal dealer's depots.
- Installing special equipment on the electricity poles.





IEC Investigations & Intelligence Unit



- 4 investigators
- Familiar with police routine and bureacracy.
- Trained to interogate & investigate.
- Experienced with recruiting and activating agents and collaborators.





Conducting Operations With Law Enforcement & Government Agencies

- 2011 Police Coordinated Enforcment Force established.
- Combating vast invasions into state owned land and illegal construction of buildings.
- Crime families targeted.











Conducting Operations With Law Enforcement & Government Agencies

- Partnering with: Tax authorities, Ministry of Interior, Ministry
 of Health, State Land Administration, Electric Company, Water
 Authority, the State Attorney, and more.
- Police special intervention forces presence, calming the raid compounds.
- 10 successful operations since January 2013.











Grow houses

 Israel's borders are almost hermetically closed, to illegal immigration, smuggling of people, drugs and arms.



- Illegal cannabis growing, turned to be extremely profitable for the offenders.
- The grow houses are usually concealed in private homes or industrial buildings.
- Electricity is the most vital component in the operation of the grow house.
- The easiest way to hide the high electricity consumption, is by tampering or bypassing the meter.









Summary

- combinining forces and concentrating efforts where the IEC suffers huge financial losses.
- Targeting electricity infrastructure theft, and theft of electricity.
- Need to justify much needed expansion of resources.



 Protecting the company's infrastructure and revenues is crucial at this time, and always.





THANKS FOR YOUR ATTENTION





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Questions?











