

From smart metering to smart grid

Yehuda Niv, Commissioner
Electricity Administration



State of Israel
Ministry of Energy
and Water Resources
www.energy.gov.il

The road to smart metering

- Enables smart billing programs, smart electricity usage: knowledge is strength
- Plan for country-wide installation: a 2.5 million units, 2.5B NIS project
- First: installation in large customer sites – ~7,000 units; done
- Soft roll-out of 30,000 units: debug the installation process and the data center
- Full-fledge roll-out
- Estimated time-table: by end 2017



And what else?

- DM controlled EV charging: power control at the distribution transformer end
- Private smart homes
- Investments in the national grid - TBD



Where could the Israeli industry participate and lead?

- Data communication architecture and protocols
- Data management
- Communication security, data security, cyber defense
- Smart billing codes for smart billing programs
- Viewing applications
- ...



Thank You



State of Israel
Ministry of Energy
and Water Resources
www.energy.gov.il