Renewables and Energy Efficiency/Conservation in Egypt Current (2023) & possible future

Seville, Spain

7 March 2023

FEATURES, CHALLENGES AND POTENTIAL DEVELOPMENTS

- EPC
- BOO
- FiT
- IPP
- Net metering

Quota!

pushing schemes



- Quota
- The only supplier
- Environmental obligations
- **QNWFE**
- **4**H2

Pulling schemes

- Constitution
- Energy strategy
- RE laws
- Electricity law

ENERGY CONSERVATION & IMPROVING ENERGY EFFICIENCY

On the supply side

- Higher generation efficiency (Combined Cycle, etc.)
- Moving to NG
- Moving RE

On the end user side

- Energy managers and audits
- Tariffs (fossil fuels and electricity)
 - Increasing block rates
 - Max demand charges
 - etc.

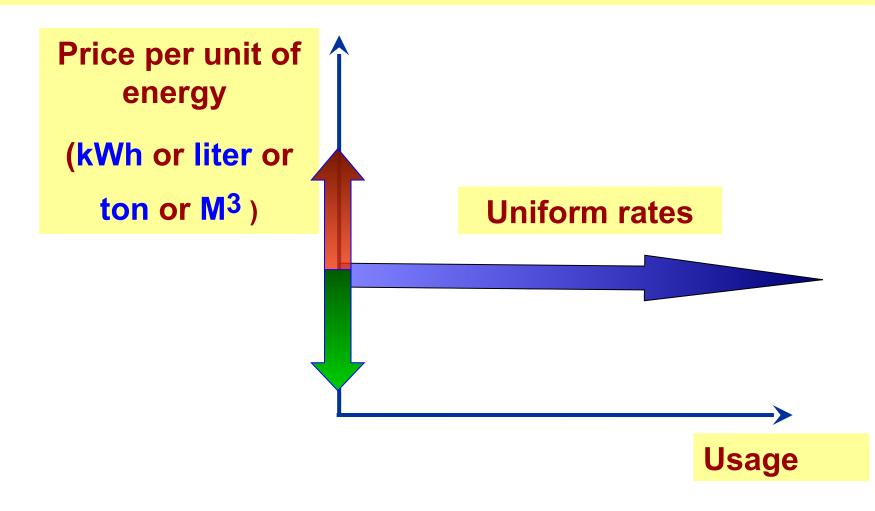
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Tariffs

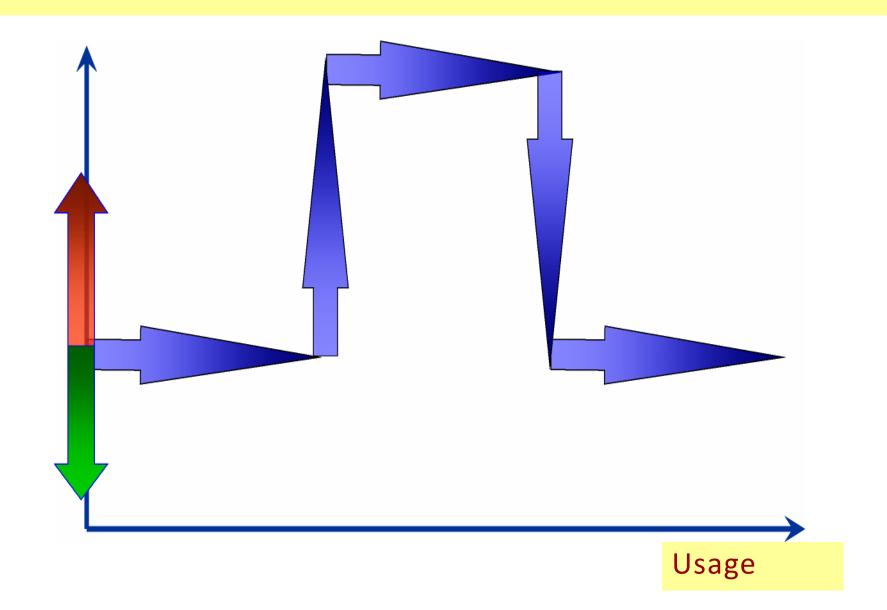
Cost of service and tariffs

- Uniform rates (past & current)
- inclining block rates (past & current)
- Declining block rates (past)

Uniform Energy Rates

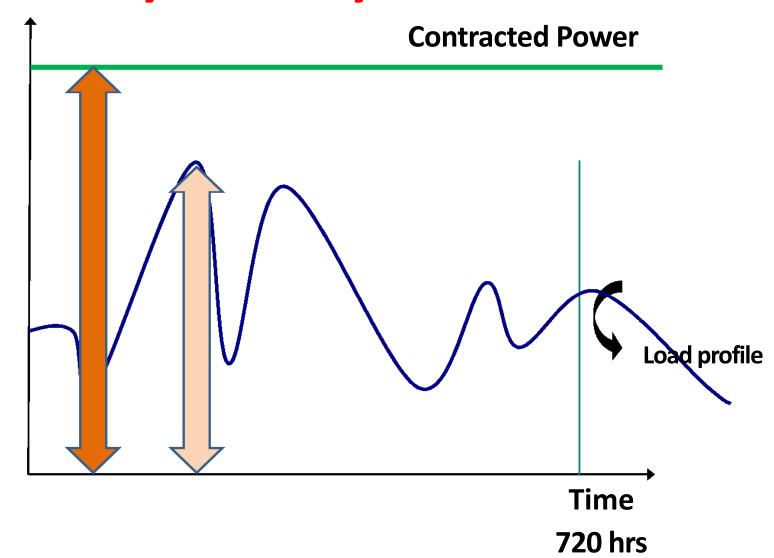


Uniform Energy Rates/time of use

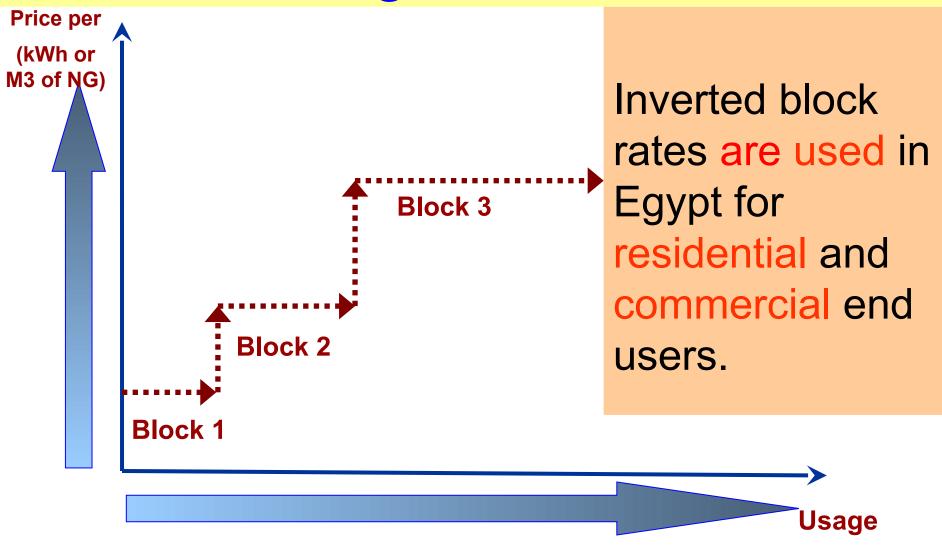


Hourly Monthly Load Profile

Power



Inclining Block Rates



Declining Block Rates

