NET METERING AND RENEWABLE ENERGY PURCHASES OBLIGATION:

ECG’S PERSPECTIVE

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PRESENTATION OUTLINE

• NET METERING
  • THE CONCEPT, ECG’S PERSPECTIVE
  • THE PILOT SCHEME
  • RENEWABLE ENERGY PURCHASE OBLIGATION, ECG’S PERSPECTIVE
  • POSSIBLE SCENARIOS AND WHAT TO EXPECT

• CONCLUSION
CONCEPT OF NET METERING ; ECG’S PERSPECTIVE

• Net metering is an arrangement where excess generated Renewable Energy are fed into the Grid by Contracted Customers.
• Net metering is a kWh billing system.
• In Net Metering, Customer generators are credited in kWh for electricity supplied to the grid.
• Stakeholders are guided by the Net Metering Sub-code 2015.
  • ECG: Application, Bidirectional Meters, Net billing.
  • Customer Generator: Generations, Safety, Technical Compatibility.
  • Energy Commission: Net Metering Sub code, Dispute Resolution
  • PURC: End User Tariff.
THE PILOT SCHEME; OUR EXPERIENCE

APPROACH
• Close collaboration with Energy Commission in the identification of 35 Customer-Generators.

WORK DONE SO FAR
• Net Meters have been installed for all Customers but in series with their existing Prepayment and Post paid meters.
• Customer bills do not reflect the Net Metering.

WAY FORWARD
• Meters to be configured to be read remotely and electronically.
• Deployment of Net Metering Code
RENEWABLE ENERGY PURCHASE OBLIGATION- ECG’S PERSPECTIVE

- Customer-Generators to fill Application Forms
- ECG and Customers to sign Connection Agreement contract.
- ECG to provide and install Bi-directional Meters.
- ECG to Net Bill Customer-Generators as per End User Tariff.
POSSIBLE SCENARIOS AND WHAT TO EXPECT

Excess kWh cannot be used to defray any charges except kWh.

- **Import**: ECG supply to “Customer”
- **Export**: Customer Generator to ECG
- **Net Metering** = ECG Import – Customer Generator Export.

- **June Bill**: 170 kWh NET BILL + Service charge etc.
- **July Bill**: 0 kWh Net Bill + service charge, taxes, levies etc.
- **August Bill**: (-) Net bill + service charge etc. to off set preceding month kWh
- **December Bill**: Accrued Excess kWh goes to zero at end of one calendar year
CONCLUSION

• ECG agrees to deploy Net Metering Sub-code 2015 by the first quarter 2016 and monthly credit Customer Generators with kWh energy supplied to Grid to offset electricity purchased from ECG using the approved End User tariff.

• We are optimistic Net Metering will encourage electricity consumers to supplement their purchase of electricity with grid connected self generation renewable energy.

THANK YOU