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SMART GRID ON MAIN STREET



MICROGRID EXPANSION

- 52 → 400 customers
- Diesel → hybrid solar-diesel



MILL ELECTRIFICATION

- Tap microgrid electricity to improve quality and reduce costs



BREADFRUIT PROCESSING

- Extend shelf life from 3 days to 18 months

Solving Core Problems for Grid Utilities

Using obsolete meters or no meters at all, emerging market grid operators face:

1. **Costly, unreliable payment collection and customer management** relying on manual human processes.
2. **Opaque operations** – limited or no ability to monitor, control or analyze electricity flows or the distribution systems that serve end-user consumers.
3. **Theft** amounting to losses of 20 – 40% of total revenue
4. **Inaccurate pricing** – limited or no ability to set tariffs in relation to customer use in the absence of meters or reliable meter readers



SparkMeter solves these problems and creates new upside:

1. **Pre-payment + unique ability for over-the-air connection/disconnection.**



2. **Near real-time updates** on power delivered to all meters.
3. **Smart totalizer meters** detecting theft in near-real time.

4. **Over-the-air tariff modification** for smart pricing and demand management

