

# Maryland Small Generator Interconnection & Net Metering



# History

- Rule Making 31: Maryland Small Generator Interconnection Rule
  - 2008; Interconnection standards only
    - Standards based on nameplate capacity of facility
- Utilities develop processes and business rules independently
  - Only real challenge has been lack of detail in line diagrams
  - Disconnect safety switches
- Net Metering Tariffs (pre-RM 31)
  - No system oversize
  - No compensation for excess generation “credits”

# Program Growth

- Seasonal cycle in interconnection applications, but consistent, year-over-year increase since 2008
  - Only 80 customers enrolled at the implementation of RM31
  - ~1,400 existing net metered customers; ~250 in interconnection queue
- Creative product offerings from developers decrease up-front capital costs and drive market

# Significant Developments in 2011

- Senate Bill 380
  - Customer compensation at “generation or commodity rate”
  - Annual “true-up”
  - EDC compensates all customers regardless of retail supplier
    - Ongoing cost recovery conversations
- Rule Making 41
  - Net metering oversize
  - Net metering aggregation
    - “Direct Connect” or “Stand Alone” provision
- Oversized facilities serving a single premise have not presented new challenges
  - All oversized systems are reviewed by BGE Distribution (Transmission) Planning
- One aggregation project in BGE’s queue



# BGE Metering & Billing

- All utility meters capable of being programmed “net”
  - Residential and small commercial customers must participate in non-TOU service tariff
    - Only net position at end of monthly billing cycle captured
  - Large C&I customers remain on hourly-metered service
  - AMI deployment potentially game-changing
- Billing systems not capable of accepting negative reads from metering platforms
  - Customers with negative positions at conclusion of bill cycle are handled manually
  - Upgrades of new customer mainframe will include net metering capability
- Systems integrating with competitive retail suppliers (EDI) and with PJM (Retail Office) are not programmed to pass along negative consumption values

