

Buttcon Energy On-Site Energy Centre Solution

Benefits

1. Financial
2. Energy Reliability and Security
3. Environmental

What is On-Site Power ?



- Fully automated freestanding co-generation system
- Fueled by natural gas
- Synchronized with the local utility
- Providing peak time heat and power
- Producing full commercial power and 100% back-up

What is On-Site Power?



Caesar's Windsor Casino Energy Centre



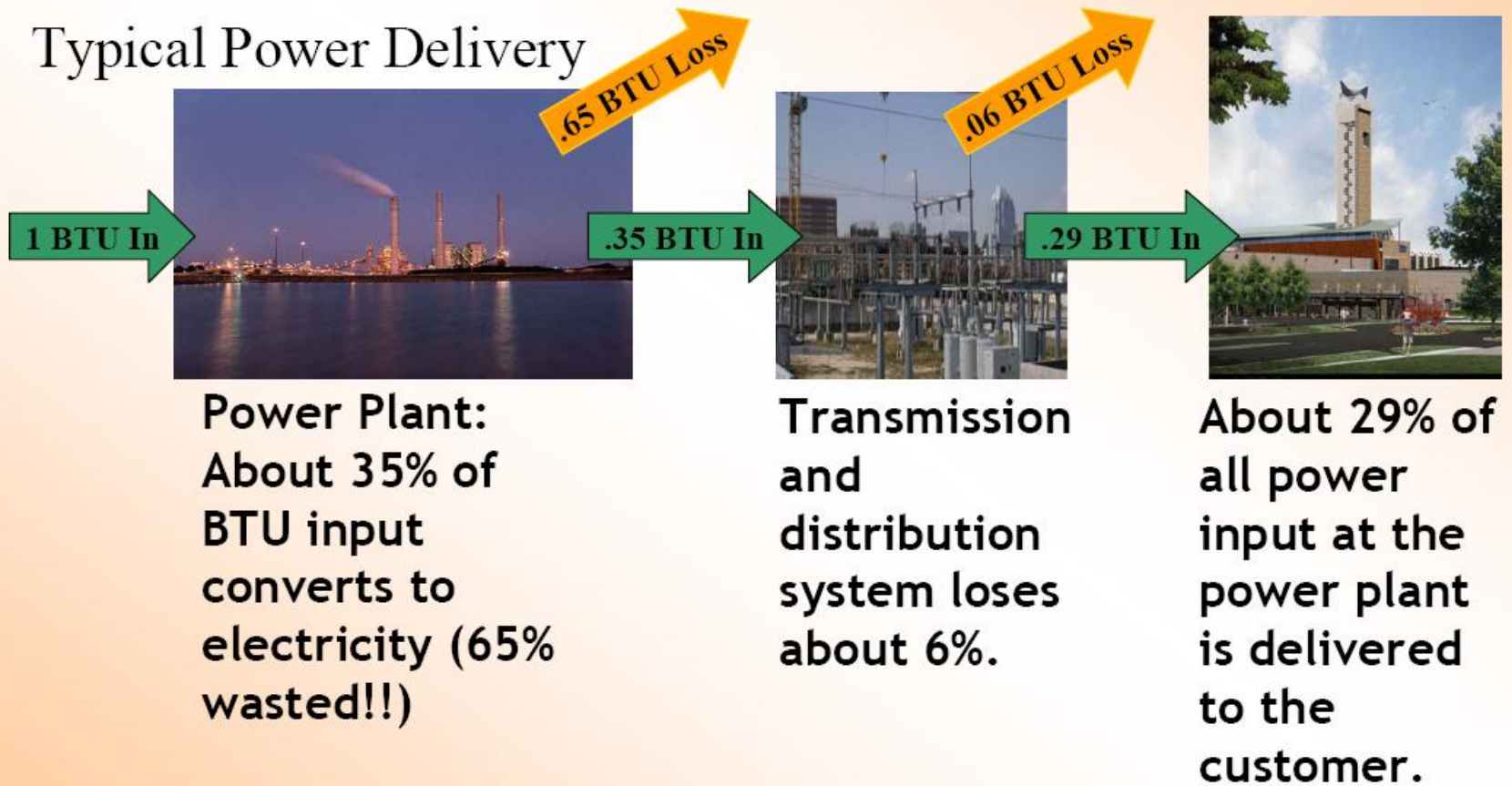
GO Transit – 2 MW



What the grid is doing now?



Typical Power Delivery



Buttcon Energy Services



- Design, build, (own), operate
- Operations and Maintenance
- Real-time monitoring
- Measurement, verification and reporting
- Market participation
- Database management

Host Site Benefits

- Operational savings (over 25 years)
- Energy Reliability and Security
 - Essential Service
 - Supply, price volatility and quality
- Environmental
 - L.E.E.D. Points
 - GHG offsets
 - Alternative energy integration
 - Solar, wind and renewable fuel

City Benefits

- An Energy Centre is an environmentally clean facility
- The Energy Centre will inject generation which improves local power quality and peak time reliability
- An Energy Centre will create new generation for the local wires company to add to their distribution mix
- Provides real-time digital visibility and access to the generator at times of high power demand

Provincial Benefits

- Provide the Province with local power generation for a constrained region
- Qualifies for Provincial initiatives that encourage local generation (OPA)

An Energy Centre project is precisely what these initiatives are intended to produce

National Benefits

- Green House Gas (GHG) Offset credits
- Federal Government is looking for solutions like this one, to reduce GHG emissions



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