

Generation Interconnection

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UI & CL&P Combine Efforts

- Worked together since 2003 on interconnection guidelines
- Share the same views on the technical aspects of DG interconnections
- UI and CL&P developed guidelines based on THE FERC model



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Interconnections Rules & Regulation

STATE RULES

DPUC DOCKET No. 03-01-15

1. DPUC CL&P/UI Generator Interconnection Guidelines apply to
 - a) Generators that do not participate in the wholesale market
 - b) Qualifying Facilities
 - c) Generators who participate in the wholesale market and are not interconnected to dual use circuits.

FERC RULES

FERC Orders 2003

2. FERC Schedule 22 (LGIP) applies to generators > 20 MW who participate in the Wholesale market and are interconnected to dual use circuits.

FERC Orders 2006

3. FERC Schedule 23 (SGIP) applies to generators < 20 MW who participate in the Wholesale market and are interconnected to dual use circuits.

What is a dual use circuit?

A circuit that already has at least one Generator interconnected who is participating in the wholesale market.



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Generator Interconnection Process Key Attributes

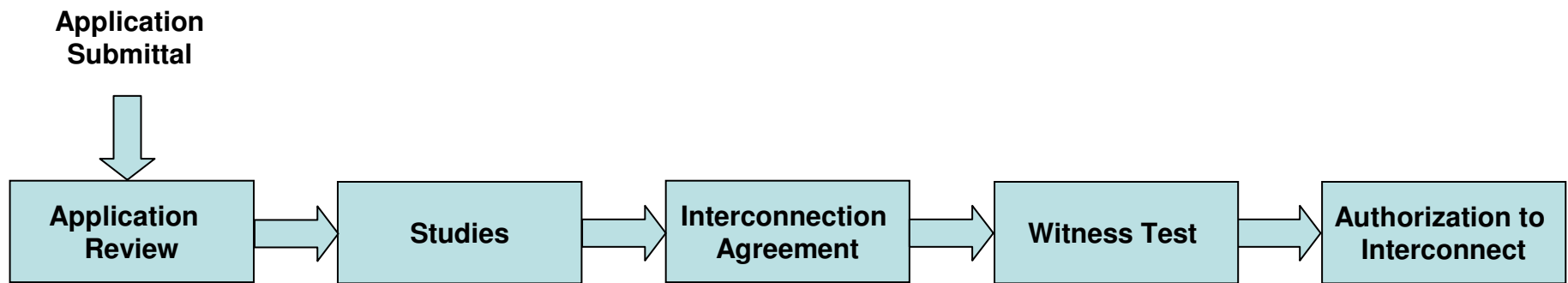
Process	Rating	Time (Business Days)	Application Fees	Study Fees	Liability Insurance
Inverter Based	0-10 kw	15	\$100	0	\$300,000
Fast Track	0-2 MW	15	\$500	0	\$300,000
Study Process	2-5 MW 5-20 MW	105-120	\$1000	Cost Based	\$2,000,000 \$5,000,000



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Interconnection Process



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Interconnection Agreement

Applies for Fast Track and Study Process

- Must be signed by CL&P customer of Record
- Operating Requirements
- Non adverse Effect
- Safe operation and maintenance
- Access to site (disconnect switch)
- Right to review information
- Temporary and permanent disconnect
- Construction and O&M costs
- Indemnification clauses



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Common Pitfalls

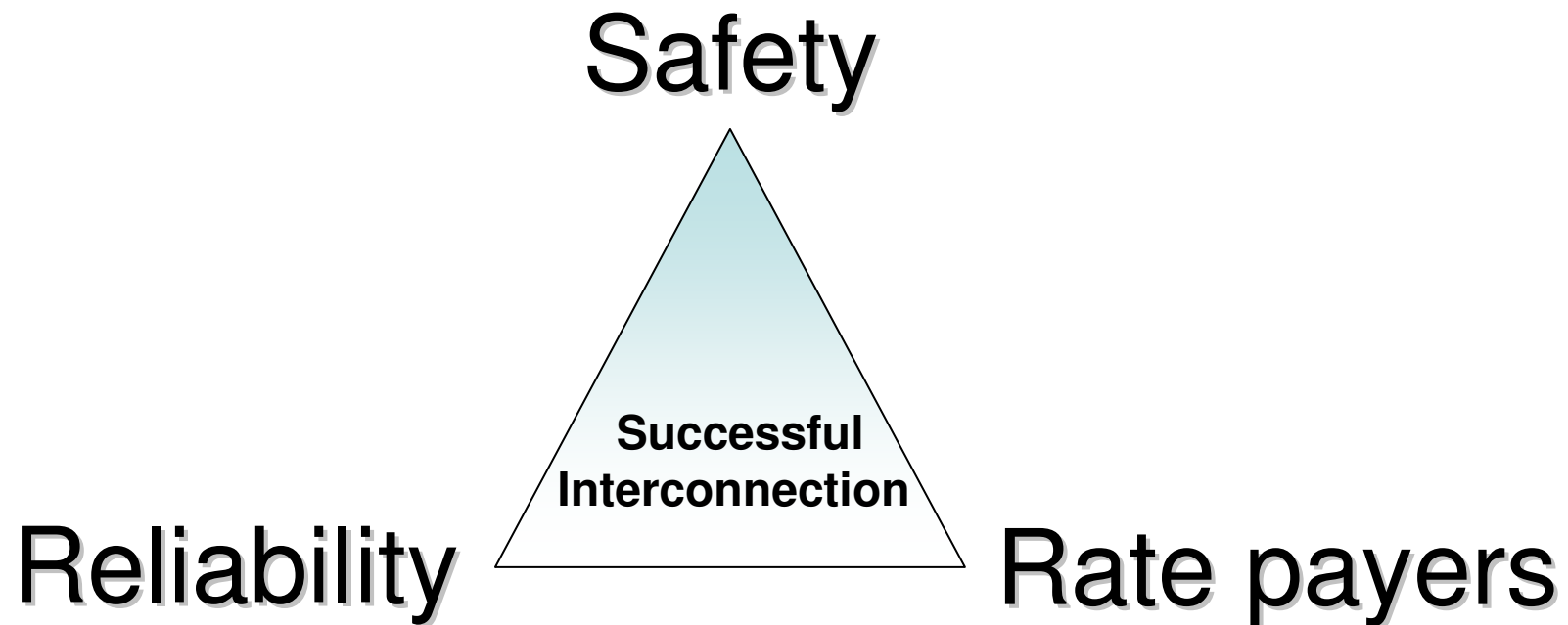
- Filing an application after the installation has begun or complete
- Not reading the interconnection requirements
- Not considering the Interconnection agreement
- Not understanding Rates and Tariffs
- Making substantive changes to the design
- Changing your mind about power sale



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Successful Interconnection



Q & A



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