

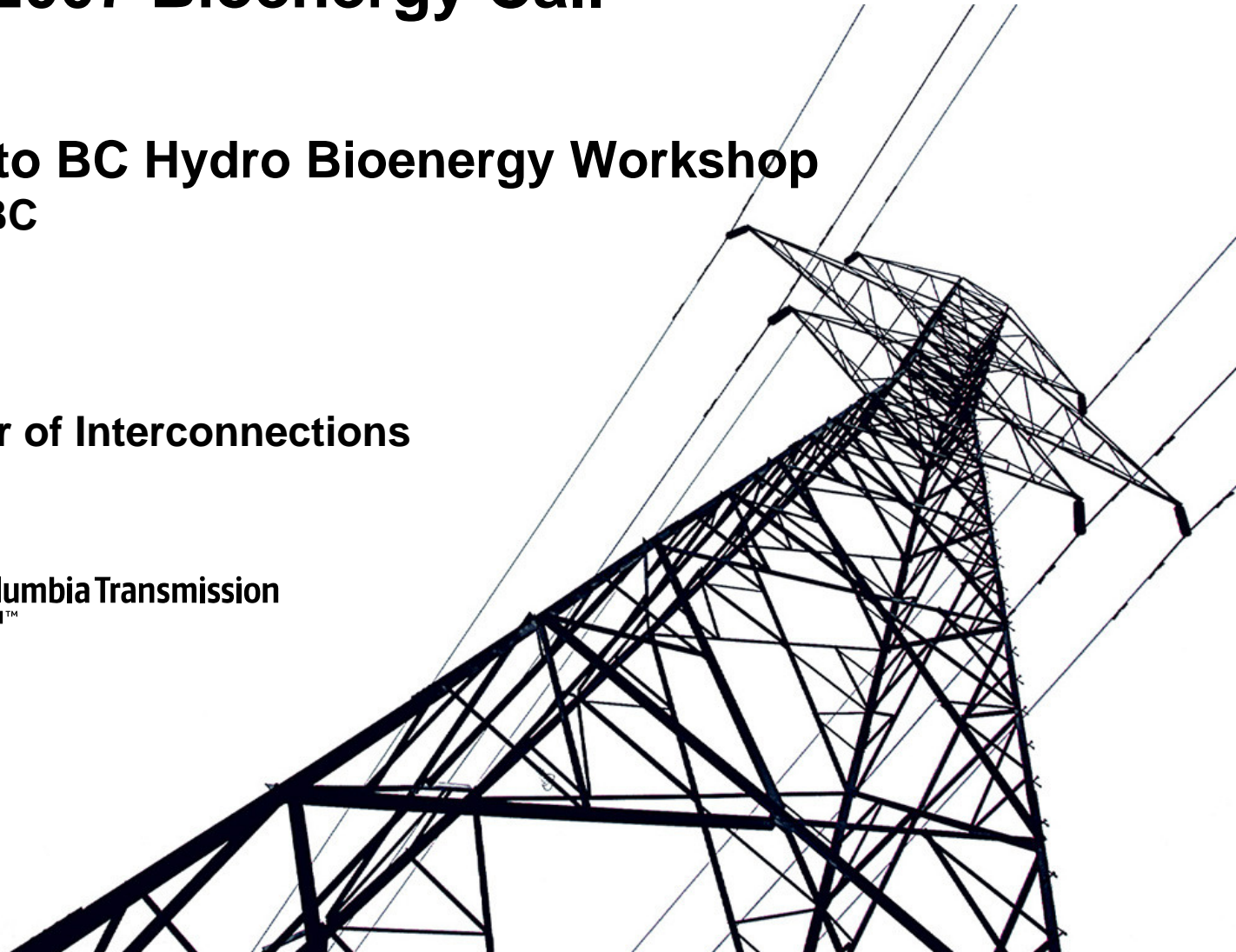
# **Process of Generator Interconnections (at Transmission Voltage) BC Hydro 2007 Bioenergy Call**

**Presentation to BC Hydro Bioenergy Workshop  
Prince George, BC  
April 3, 2007**

**Jim Ko – Manager of Interconnections**



**British Columbia Transmission  
CORPORATION™**





## Applicable Interconnections Process for the BC Hydro 2007 Bioenergy Call is based on BCTC tariff:

- Open Access Transmission Tariff (OATT) Standard Generator Interconnections Procedures (**SGIP**)
  - has been approved by BCUC
  - effective since March 1, 2006.
- Competitive Electricity Acquisition Process (**CEAP**) Interconnection Tariff
  - BCUC in 2005 OATT Decision:
    - approved BCTC proposal with certain directives
    - directed BCTC to consult with BCH, develop and file the tariff
  - BCTC has completed consultation with BCH and is in the process of filing the tariff



- **Details on BCTC web**

[http://www.bctc.com/generator\\_interconnection/oatt\\_sgip/oatt\\_sgip.htm](http://www.bctc.com/generator_interconnection/oatt_sgip/oatt_sgip.htm)

- **Applicable to all new generators connecting to the transmission system**
- **First come first served**
- **Continuous process with defined timelines**
- **Queue and posting of information**

# SGIP Process

SGIP Process Chart - Microsoft Internet Explorer provided by BCTC

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Address [http://www.bctc.com/generator\\_interconnection/oatt\\_sgip/sgip\\_processchart.htm](http://www.bctc.com/generator_interconnection/oatt_sgip/sgip_processchart.htm) Go Links

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ABOUT BCTC COMMUNITY ENGAGEMENT REGULATORY

THE TRANSMISSION SYSTEM GENERATOR INTERCONNECTION TRANSMISSION SCHEDULING

## SGIP Process Chart

**Generator Interconnection**

- > Generator Interconnection Requirements
- > Generator Interconnection Queue
- > **OATT Standard Generator Interconnection Procedures**
  - > SGIP Process Chart
- > Grandfathered Interconnection Process
- > Workshops & Presentations
- > Engineering Reports & Studies
- > Document Archive
- > Contact Us

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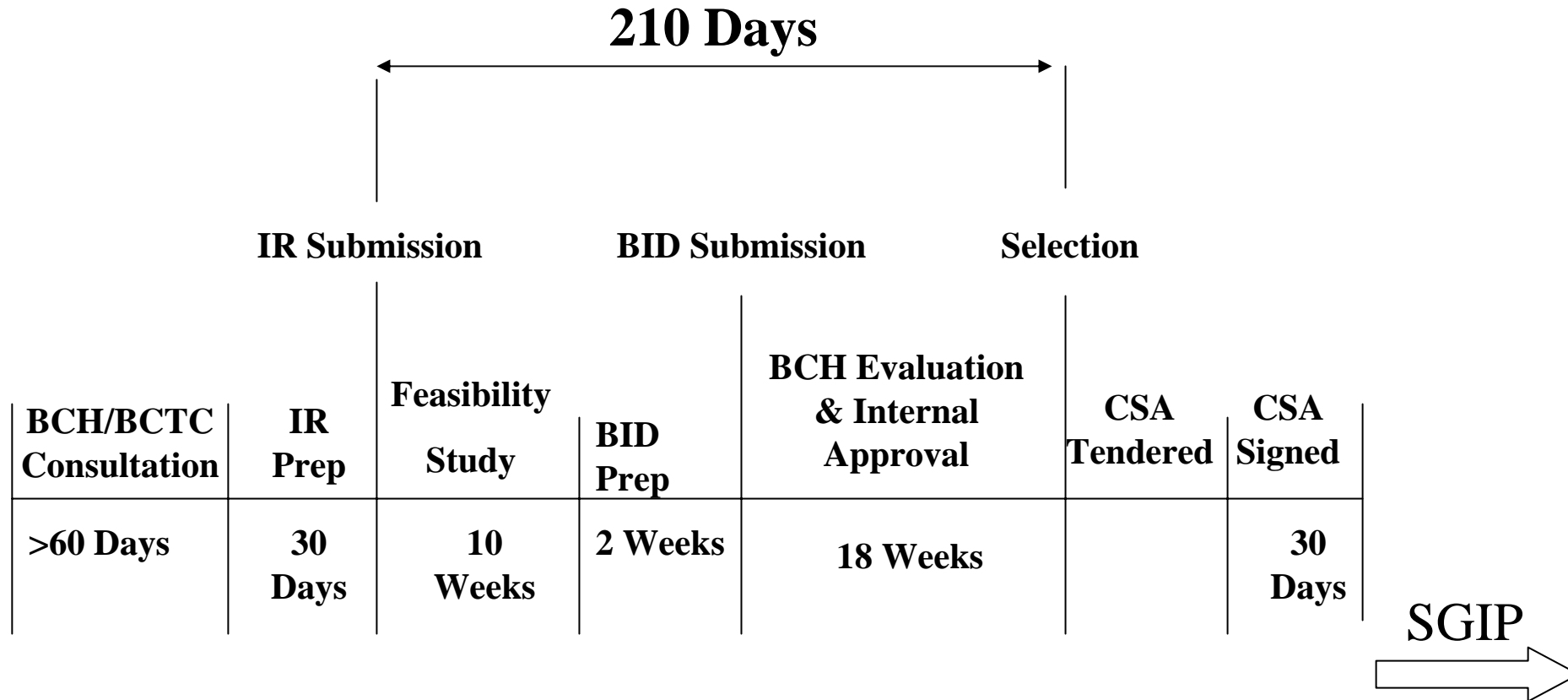
```
graph TD; A[Interconnection Request (IR) Submission] --> B[Interconnection Feasibility Study]; A --> C[Interconnection System Impact Study]; B --> D[Interconnection Facilities Study]; C --> D; D --> E[Standard Generator Interconnection Agreement (SGIA)]; E --> F[Construction and Commissioning];
```

# Overview of CEAP I/C Tariff



- **The interconnections building block for BCH to design its competitive electricity acquisition process - flexibility for various types of CEAPs**
- **Provides interconnection information to CEAP participants**
  - **Feasibility Study** - SGIP Network Resource Interconnection Service (NRIS)
    - Deliverable: a list of facilities and a non-binding good faith estimate of cost responsibility and a non-binding good faith estimated time to construct
- **Provides special studies to BCH to facilitate evaluation and selection of proposals**
- **Limits the freezing of transmission and interconnection queues to a maximum of 210 days from Interconnection Request Submission to CFT Selection**
- **After CEAP selection, projects will follow SGIP process and timeline, beginning with Combined Study (ISIS and IFS)**

# CEAP Process



# Contact



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# QUESTIONS