

# CLEAN ENERGY TOOLKIT – GRID POWER

B.C.'s motion picture industry is committed to pursuing options for clean energy to support production needs and allow for greener practices. Our **crew on the ground** can help make this possible by always considering how to access grid power first before using a traditional diesel generator.



## ASK QUESTIONS!

Have any previous productions used a tie-in at this location?

If so, where is the electrical panel and what is the capacity?

If not, is there an in-house electrician or property manager to speak to?

How much time do I have to complete this? Is a temporary or more permanent solution possible in the timeframe?

## COLLABORATE

If contacts cannot provide information about electrical panels, ask if the location is willing to have the property assessed by a 3<sup>rd</sup> party contractor to assess power options such as temporary tie-ins.

For extended filming periods or recurring locations, consider working with property owners to determine the possibility for a service upgrade or camlock box installation.

## CONSULT

If the available power capacity is too low, 3<sup>rd</sup> party contractors can consult with local power providers to assess service upgrades.

Consult and provide as much information to your electrical department as *early* as possible to assess logistics.

Vice versa, if you are aware of sites that have access to clean power, tell your location or production team early so they can budget and plan accordingly!

## TEMPORARY TAIL TIE-INS

Temporary tail tie-ins can be installed by an in-house electrician or other certified electrician to provide short term energy sources. They can attach to existing electrical panels that have an appropriate capacity.

## SERVICE UPGRADES

Investing to upgrade current electrical systems can provide a semi-permanent or permanent solution for properties used exclusively or frequently for filming.

## POWER KIOSKS


Power kiosks can be designed and built by municipalities, property owners, or clean energy investors to service the motion picture industry. The cost of initial investment in infrastructure brings long term rewards and provides opportunity to reach sustainability goals.


### 3 TYPES OF CLEAN ENERGY


B.C. brings the green advantage thanks to clean energy options made available through the hydro grid system. Consider these clean energy solutions.

## DID YOU KNOW?

Although power requirements vary significantly by production, the motion picture industry generally requests:

 200-400 AMP

 120/208 volt

 3-phase