

## JMCC WING, LLC – CUSTOMER QUESTOINAIRE



Dear Customer; Thank you for considering the JMCC WING™ Generator and accessories. Energy and Water solutions for Farm, Ranch, Small Enterprise, Eco-Village, remote energy and water requirements and more. Please fill out the following details so we can spec a system for you and give you a quote.

**Email to [jmcc@jmccanneyscience.com](mailto:jmcc@jmccanneyscience.com)**

Do you own the property for proposed WING site (yes or no)? \_\_\_\_\_

Location (street address or longitude/latitude) \_\_\_\_\_

Does the site have access for a semi trailer (to the planned WING location)\_\_\_\_\_

Provide photos with commentary of the site (must be clear of trees and wind obstructions including buildings). Include maps, aerial topo maps or any other information. Is the land at the site rocky, soil, sandy, gravel, etc.? \_\_\_\_\_

Name and distance to nearest city (where we can rent telehandler equipment for installation)? \_\_\_\_\_

Your current (or planned) energy consumption in kWh (kilowatt hours) (see your electric bill over the past 12 months or as many bills as possible) \_\_\_\_\_

What is the electric rate on your electric bill (cost per kilowatt hour/monthly bill) \_\_\_\_\_

What electrical standard (voltage and frequency)? \_\_\_\_\_

Will site be ON or OFF grid? \_\_\_\_\_

If ON grid what is the name of the local power company? \_\_\_\_\_

What are local zoning laws and what permits are required? \_\_\_\_\_

We will need a weather proof building to contain the electrical equipment. Do you have a building or should we include a shipping container with your order? (only new shipping containers are available for purchase we recommend this)

How far is the WING site to the electric fuse box where we will hand off electric power, install optional eV car charging stations, etc.? \_\_\_\_\_

What new appliances do you wish to add with the WING from our product line?

eV electric charging stations (how many? plan on one per vehicle) \_\_\_\_\_

Electric Furnace (size in BTUs) \_\_\_\_\_

Reverse Osmosis Water Purification (for brackish/salt water) gallons per day \_\_\_\_\_

Water filtration (fresh water sources) gallons per day \_\_\_\_\_

Water storage and pumping (gallons total) \_\_\_\_\_

We have to determine what appliances and electrical machines will be operating and the electric ratings including “surge currents” (specify or contact us for help).

Do you have any other “alternative” energy at the site (if so what)?

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With the above information we can begin to create a quote and do a location wind analysis to determine the many factors that go into the design. Unlike other types of alternative energy, the WING is not a “one size fits all”. There may be extra costs above the base cost of the WING Generator which might include some or all of the following and also since each site is different there may be other expenses unique to a given location. Extra expenses may include: Transportation / local licensed electrician / permits / tariffs / rental of machine (telehandler) / installation team and related expenses / shipping container rental or purchase / extra wire & cable & electrical connectors & posts / extra batteries over the single deep battery bank that comes with the WING (OFF Grid only uses batteries) / Extended Warranty /

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One final note. Some people might attempt to compare the WING Generator with other forms of “alternative energy” to compare pricing. What we will do besides spec your WING system is compare the true cost of energy with other forms of alternative energy. It is not the “name plate” power rating of the device that counts, but the amount of energy that the device will produce. In other words, for example, a 10 kW WING will provide far more energy than a 10 kW solar panel or 10 kW standard blade wind turbine and at much less cost per unit of electrical energy. There are many factors that go into the final “price of energy”. These costs should include equipment, energy produced, installation, land procurement, interface electronics to connect to the grid, lifetime of service (solar panels only last 8 years), maintenance, down time, removal after lifetime and many other factors.