PACIFIC
ENERGY
C O M P A N Y

Solar Pump System Worksheet

Name: _____   **Phone:** _____ **Fax:** _____
Email: _____   **Address:** _____

Water Usage:
- o Residential
- o Irrigation
- o Livestock
- o Other _____

Daily water Volume required?
_____

Is this the primary water source?
_____

Water Source:
- o Stream or Pond
- o Cistern
- o Drilled Well
- o Storage Tank
- o Other _____

Pump Type:
- o Pressure Pump
- o Submersible Pump

Well Report or:
- o Depth to Standing Water
  _____
- o Well Output (bailing test)
  _____
- o Well Casing diameter?
  _____
- o Vertical lift from well head to Outlet?
  _____

Storage Type:
- o Tank
- o Pond
- o Other
  - o Volume? _____
  - o Float Switch required? Y/N

System Location
- o Site? _____
- o Elevation? _____
- o Distance of pipe from Well Head to Storage? _____
- o Distance from Array to well Head? _____

Water Pumping Terminology

Definitions:
GPD – Gallons per Day
GPH – Gallons per Hour
GPM – Gallons per Minute
PSI – Pounds per Square Inch (pressure)

CONVERSION:
Feet of Lift to PSI – Divide Feet by 2.31
US Gallons to Liters – Multiply Gallons by 3.785
Feet to Meters – Divide Feet by 3.28
Consumption Examples:
Domestic usage – 10-100 GPD per person
Livestock (horses, cattle) – 10-25 GPD

Please Fax Form to PEC @ 544-3411 or Email to Pump@alteryourenergy.com