

Commissioning Plan



# PHOTOVOLTAIC SYSTEM

## Construction Checklist

TAG NO: \_\_\_\_\_ Responsible Contractor: \_\_\_\_\_ Date: \_\_\_\_\_

- This checklist DOES NOT take the place of Atlantis Energy Systems recommended checkout and startup procedure or report
- Items that do not apply shall be noted with the reason on this form (N/A = not applicable, BO= by others)

### I. Photovoltaic System Model Verification

	Specified	Submitted	Installed
<b>Tag No.</b>			
<b>Manufacturer</b>			
<b>Model</b>			
<b>Serial Number</b>			
<b>Number of Modules for the PV Array</b>			
<b>Number of Cells / Module</b>			
<b>Rated Output (kW)</b>			
<b>Inverter Model</b>			
<b>Inverter Capacity</b>			
<b>Combiner Box Model</b>			
<b>Combiner Box Serial Number</b>			
<b>Battery Model &amp; Type</b>			

### II. Pre-Installation Checks

The following must be completed upon delivery of equipment to the work-site. Prior to installation, the information must be verified by Owner's Representative (OR)

		Contractor	Initial	OR
<b>2A</b>	<b>Physical Checks</b>	<b>Mechanical / Roofer</b>		
	<i>The PV System is free of physical damage</i>	Yes / No		
	<i>The PV Cells/Modules are free of physical damage</i>	Yes / No		
	<i>The PV Panels are free of physical damage</i>	Yes / No		
	<i>Junction boxes are free of physical damage</i>	Yes / No		
	<i>PV Cells Encapsulation is Undamaged and Unbroken</i>	Yes / No		
	<i>PV System Connections are free of physical damage</i>	Yes / No		
	<i>PV Combiner Box is free of physical damage</i>	Yes / No		
	<i>Permanent labels are affixed</i>	Yes / No		
	<i>Batteries are free of physical damage</i>	Yes / No		
<b>2B</b>	<b>Requested documentation submitted</b>			
	<i>Atlantis Energy Systems' cut sheet</i>	Yes / No		
	<i>Performance data (Voc, Isc, Vmp, Imp, Pmp)</i>	Yes / No		
	<i>System Factor – Inverter Efficiency</i>	Yes / No		
	<i>Installation and startup manual and plan</i>	Yes / No		
	<i>O &amp; M Manuals</i>	Yes / No		
		<i>Architectural &amp; Electrical Permitted Plans / details</i>	Yes / No	

**Atlantis Energy Systems**

