



APPLICATION FORM: EXHIBIT 1A

Interconnection Application [Non-Fossil Fueled Generating Facilities With a Rated Capacity up to and including 50kW AC]

This Application is considered complete when it provides all applicable and correct information required below. Additional information to evaluate the Application may be required.

Interconnection Customer

Name: _____

Address: _____

Telephone (Day): (Evening): _____ / _____

Fax/E-Mail Address: _____ / _____

Engineering Designer (If Applicable):

Name: _____

Address: _____

Telephone: _____

Fax/ E-Mail Address: _____ / _____

Contact (if different from Interconnection Customer)

Name: _____

Address: _____

Telephone (Day): (Evening): _____ / _____

Fax: E-Mail Address: _____ / _____

Generator < = 5 kW:

Facility Location: _____

APUA Electricity Account Number: _____

Inverter Manufacturer: _____

Model _____

Nameplate Rating:
(kW)/ (kVA)/ (AC Volts) _____ / _____ / _____

Single Phase ___ Three Phase ___

System Design Capacity:
___ (kW) ___ (kVA)

Prime Mover: Photovoltaic, Fuel Cell, Turbine, Other





(describe)

Energy Source: Solar, Wind, Hydro, Other (describe)

Prime Mover Manufacturer:

Model Number:

Nameplate Output Power Rating in kW:

Nameplate Output Power Rating in kVA:

Is the equipment UL1741 Listed?

Yes ___ No ___

If Yes, attach manufacturer's cut-sheet showing UL1741 listing

Estimated Installation Date:

Estimated In-Service Date:

List components of the Generating Facility equipment package that are currently certified:

Equipment Type/Certifying Entity

1. _____ / _____
2. _____ / _____
3. _____ / _____
4. _____ / _____
5. _____ / _____
6. _____ / _____

Note: A completed Single Line Diagram must accompany this application

Generator > 5kW / < = 50 kW:

Facility Location:

APUA Account Number:

Energy Source:

___ Solar, ___ Wind, ___ Hydro,
_____ Other (state type)

Prime Mover:

___ Fuel Cell, ___ Turbine, ___ Microturbine, ___ PV,
_____ Other

Prime Mover Manufacturer:

Model Number:

Nameplate Output Power Rating in kW:

Nameplate Output Power Rating in kVA:

Type of Generator:

___ Synchronous ___ Induction ___ Inverter

Manufacturer:

Model Number:

Generator Nameplate Rating:

_____ kW (Typical); _____ kVA:

Rated Power Factor: Leading:

Lagging:

Total Number of Generators to be interconnected for this Interconnection Application:

_____ #; _____ Single phase;
_____ Three phase

Interconnection Customer or Customer-Site Load:

_____ kW
_____ (if none, so state)

List components of the Generating Facility Equipment Package that are currently certified:

Equipment Type / Certifying Entity



1. _____ / _____
2. _____ / _____
3. _____ / _____
4. _____ / _____
5. _____ / _____

Note: A completed Single Line Diagram must accompany this application

Required for all Systems

Interconnection Facilities Information:

Will a transformer be used between the generator and the Point of Common Coupling? ___ Yes ___ No

Transformer Data (If Applicable, for Interconnection Customer-Owned Transformer):

Is the transformer:
 _____ single phase _____ three phase?

Size:
 _____ kVA

Transformer Impedance:
 _____ percent on _____ kVA Base

If Three Phase:

Transformer Primary:
 _____ Volts _____ Delta _____ Wye
 _____ Wye Grounded

Transformer Secondary:
 _____ Volts _____ Delta _____ Wye
 _____ Wye Grounded

Transformer Tertiary:
 _____ Volts _____ Delta _____ Wye
 _____ Wye Grounded

General Information

Enclose copy of site electrical one-line diagram showing the configuration of all Generating Facility equipment, current and potential circuits, protection and grounding schemes.

This one-line diagram must be approved by a Professional Engineer if the Generating Facility is larger than 5 kW.

Is One-Line Diagram Enclosed?

___ Yes ___ No

Enclose copy of any site documentation that indicates the precise physical location of the proposed Generating Facility (e.g. topographic map or other diagram or documentation).

Interconnection Customer Signature

I hereby certify that, to the best of my knowledge, the information provided in this Application is true. I agree to abide by the Terms and Conditions for Interconnection contained in the Antigua Public Utilities Authority Interconnection Procedures Guideline Publication, Exhibit 3A and return the notice of completion when the Generating Facility has been installed.

Signed:

Title:

Date:

*** PLEASE NOTE THAT SYSTEMS MUST NOT BE CONNECTED TO THE GRID UNTIL INSPECTION HAS BEEN COMPLETED AND APPROVED. SYSTEMS CONNECTED WITHOUT THE KNOWLEDGE OF THE AUTHORITY POSE A SERIOUS RISK TO WORKERS AND WILL BE DISCONNECTED.**

Authorized Utility Representative's Signature

APUA agrees to abide by the Terms and Conditions contained in the Antigua Public Utilities Authority Interconnection Procedures Guideline Publication Exhibit 3A.

Signed:

Title:

Date:
