Arizona Public Service Company

Proposal Certification and Summary

2009 Request for Proposal for

Renewable Energy Small Generation Resources

March 25, 2009

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1. PROPOSAL CERTIFICATION

The undersigned is a duly authorized representative of the Respondent listed below with the authority to bind the company for the proposed offer. The Respondent has read, understands and agrees to be bound by the terms and conditions contained in this Request for Proposal.

The information contained in this offer or any part thereof, delivered or to be delivered to APS, is true, accurate and complete. This offer includes all information necessary to ensure that the statements therein do not in whole or in part mislead APS as to any material fact.

The Respondent understands and certifies that its proposed offer satisfies the terms outlined in the 2009 Renewable Energy Small Generation Resources Request for Proposal dated March 25, 2009 and that APS, including potentially its officers, employees, consultants and agents, will review Respondent's proposed offer. The Respondent also understands that APS will rely on the accuracy and veracity of the proposed offer as part of this Request for Proposal. In addition, the Respondent understands that the Arizona Corporation Commission ("ACC"), including its staff, employees and agents may also review Respondent's proposed offer in connection with its evaluation of APS's compliance with its regulatory requirements, including the RES and APS's Renewable Energy Small Generation Pilot program, and that an accurate evaluation by the ACC, which will directly impact APS's business, is similarly dependent upon the accuracy and veracity of the proposed offer.

Legal Name of Company:
Respondent (if different):

Signature: _____
Title:
Date Signed:

2. PROPOSAL SUMMARY

2.1. Respondent Contact Information

Name:

Title:

Company:

Address:

City:

State:

Zip:

Phone:

Fax:

Email:

2.2. Respondent Qualifications

The capability and experience of the Respondent must be demonstrated to provide assurance that the Respondent (or parties involved in the Proposal) has the capability to deliver on the Proposal. At a minimum the Respondent should include their:

- Proposed technology experience.
- Operating and maintenance experience.
- A list of other under-development and completed projects including project peak demand and average MWhs delivered.

2.3. Project Description

Name of Project / Facility: _____

Address (City, County, State): _____

Technology (check all that apply):

☐ Solar ☐ Biomass/Biogas

☐ Wind ☐ Geothermal

☐ Hybrid Wind & Solar ☐ Renewable Natural Gas

☐ Hydropower ☐ Landfill Gas

☐ Other (specify): _____

Product (check all that apply):

☐ Firm ☐ Existing Facility

☐ As Available ☐ New Facility

☐ Dispatchable ☐ Other (specify): _____

Commercial Operation Date (COD): _____ (actual)

_____ (scheduled, if under development)

Nameplate Capacity (dc): _____ MW

Nameplate Capacity (ac): _____ MW

Net Capacity (ac): (at **APS Delivery Point**) _____ MW (summer: June – Sept.)

_____ MW (non-summer: all other mos.)

_____ MW (Annual)

Projected Annual Capacity Factor: _____ % (Net Capacity MW)

Projected Annual Energy: _____MWh (at Project Interconnection Point)

Projected Annual Delivered Energy: _____ MWh (**at APS Delivery Point**)

Heat Rate (if applicable): _____ BTU/KWh (full load)

Primary Fuel Type (if applicable): _____

Project Interconnection Point (describe point in electrical system): _____

Wheeling required to APS Delivery Point? ☐ Yes ☐ No

APS Delivery Point (describe point in electrical system): _____

Unit Electrical Control Features:

Automatic Generator Control: ☐ Yes ☐ No

VAR Control: ☐ Yes ☐ No

2.4. Financial

2.4.1 Specify any existing Power Sale Commitments of the generating resource.

2.5. Technology

2.5.1 Describe the commercial viability of the proposed technology including a brief description of the history and applications.

2.5.2 Provide the nominal design life for all major components.

2.5.3 Describe the performance history of all major components.

2.6. Permitting

2.6.1 Describe any permits, licenses or authorizations that are necessary and/or required for the construction and operation of the generating resource. List all that have been received as well as those that have not yet been obtained.

2.7. Interconnection

2.7.1 Provide a detailed description of the arrangements the Respondent has, or is proposing, related to how the proposed resource will provide firm delivery to the APS transmission, sub-transmission or distribution system along with a description of the delivery point on APS's system. Identify the major assumptions used to produce these costs. If the proposed resource is not directly interconnected to APS's transmission, sub-transmission or distribution system, Respondent shall provide a description on how the proposed resource

will provide firm delivery to the APS system utilizing another transmission system.

2.7.2 Describe in detail **ALL** transmission related costs of delivering firm energy to APS's delivery point on our transmission, sub-transmission or distribution system. These costs should be included when producing Respondent's Bid price. Identify the major assumptions used to produce these costs.

2.8. Fuel Supply

2.8.1 Describe all fuel supply resources and seasonal variations.

2.9. Purchase Power Agreement (PPA) Information

Delivery Term: _____ Years (Start date _____, End date _____,)

Expected Equivalent Forced Outage Rate: _____ %

(Expected Equivalent Forced Outage Rate is the percentage of total hours a unit was in a forced outage, not including maintenance hours, plus the equivalent hours a unit was in a forced derate state divided by the total hours the unit could have been running.)

Expected Availability: _____ % (Summer: June - Sept.)

_____ % (Annual)

(Availability is defined as the % of time that the Project or a portion thereof, is capable of producing and delivering the renewable energy)

2.9.1 Energy Payment: Complete pricing provision (See Notes below the pricing table for definitions).

On/Off Peak Energy Delivered Prices:

On Peak ($/MWh)	Off Peak ($/MWh)	Fixed Escalation On Peak (%/Yr)	Fixed Escalation Off Peak (%/Yr)	On Peak Escalation Start Date	Off Peak Escalation Start Date

NOTES: (1) "On Peak" means hour ending 0700 through hour ending 2200 PPT Monday through Sunday, June 1 through September 30 (7 days a week/16 hours per day). All other hours are "Off Peak".
(2) Prices based on delivered energy to APS delivery point as defined in the PPA.
(3) Prices shall be fixed or contain relatively stable provisions with a fixed escalation rate per year. APS will not accept bids with escalation rates tied to an index.

2.9.2 Schedule

Provide the key project milestones dates.

2.10. Wind / Solar Generation Profile (provide in Arizona Time, MST)

Complete table below:

Example - Estimated Average Delivered MWh

Hours	Jan 31 days	Feb 28 days	Mar 31 days	Apr 30 days	May 31 days	Jun 30 days	Jul 31 days	Aug 31 days	Sep 30 days	Oct 31 days	Nov 30 days	Dec 31 days	Hourly Total MWh
1													0
2													0
3													0
4													0
5													0
6													0
7													0
8													0
9													0
10													0
11													0
12													0
13													0
14													0
15													0
16													0
17													0
18													0
19													0
20													0
21													0
22													0
23													0
24													0
Monthly Total MWh	0	0	0	0	0	0	0	0	0	0	0	0	
												Annual Estimated Delivered GWh Production	

NOTE: Wind and Solar Respondents shall submit with their bid package the data presented above in an Excel spreadsheet (See RFP Website for the Excel spreadsheet).