

Avista Utilities
East 1411 Mission Ave.
Spokane, WA 99202



Net Energy Metering Interconnection Agreement

This Net Energy Metering Interconnection Agreement ("Agreement") is entered into by the undersigned customer ("Customer"), and Avista Corporation, dba Avista Utilities, ("Avista"). Customer and Avista, sometimes referred to individually as a "Party" and collectively as the "Parties," agree as follows:

1.0 CUSTOMER GENERATING FACILITY

1.1 Customer has elected to operate an electric generating facility, with a generating capacity of not more than 100 kilowatts, in parallel with and interconnected to Avista's electric transmission and distribution facilities. The Customer's generating facility ("Generating Facility") is intended to offset either part or all of the Customer's electrical requirements via net metering. Generation from the Generating Facility will only be applied to consumption at the location of said Generating Facility.

1.2 Customer's Application for Electrical Generation Interconnection, including the location of the electrical Generating Facility and details on the electrical generating unit(s) is hereby incorporated into this agreement as Exhibit A.

1.3 The Generating Facility will be located on the Customer's premises and will include all equipment necessary to meet applicable safety, power quality, and interconnection requirements established by the National Electrical Code (NEC, Articles 690 and 705), National Electrical Safety Code (NESC), the Institute of Electrical and Electronics Engineers (IEEE), the American National Standards Institute (ANSI), Underwriters Laboratories (UL), and any and all of Avista's interconnection standards.

1.4 Customer expressly agrees to comply with all applicable federal, state or local health and safety laws with respect to operation of the Customer Generating Facility. Customer further agrees that compliance with said health and safety provisions, as well as supervision of Generating Facility safety practices, for Customer's and Contractor/Subcontractor employees and the general public, is the Customer's sole responsibility. The Customer agrees to notify Avista immediately of any federal, state, or local agency inspection and notice of non-compliance at the Generating Facility.

2.0 NET METERING - PAYMENT FOR NET ENERGY

2.1 Avista shall measure the net electricity produced or consumed by the Customer during each billing period, in accordance with Avista's normal metering practices.

2.2 If the electricity supplied by Avista exceeds the electricity generated by the Customer and distributed back to Avista during the billing period, or any portion thereof, then the Customer will be billed for the net electricity supplied by Avista together with the appropriate customer charge paid by other customers of Avista in the same rate class.

2.3 If the electricity generated by the Customer and distributed back to Avista during the billing period, or any portion thereof, exceeds the electricity supplied by Avista, then the Customer will be:

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- i. billed for the appropriate customer service charge as other customers of Avista in the same rate class; and
- ii. credited for the net excess kilowatt-hours generated during the billing period, with this kilowatt-hour credit appearing on Customer's bill for the following billing period.

2.4 On April 30th of each calendar year, any remaining unused kilowatt-hour credit accumulated by the Customer during the previous year will be granted to Avista, without any compensation to the Customer.

2.5 Customer shall pay any amount owing for electric service provided by Avista in accordance with applicable rates and policies stated in Avista's current tariffs filed with and approved by the state agency having appropriate jurisdiction.

3.0 INTERRUPTION OR REDUCTION OF DELIVERIES

3.1 Avista may require Customer to interrupt or reduce deliveries as follows:

- i. when necessary in order to construct, install, maintain, repair, replace, remove, investigate, or inspect any of its equipment or part of its system; or
- ii. if it determines that curtailment, interruption, or reduction is necessary because of emergencies, force or compliance with prudent electrical practices.

3.2 Whenever possible, Avista will give Customer reasonable notice of the possibility that interruption or reduction of deliveries may be required.

3.3 Notwithstanding any other provision of this Agreement, if at any time Avista determines that either:

- i. the Generating Facility may endanger Avista's personnel, or
- ii. the continued operation of Customer's Generating Facility may endanger the integrity of Avista's electric system, or
- iii. a hazardous condition exists and such immediate action is necessary to protect persons or property of others from damage or interference caused by Customer's Generating Facilities, or
- iv. Customer's Generating Facilities lack proper operating protective devices or Avista is unable to inspect such protective devices;

Avista shall have the right to disconnect Customer's Generating Facility from Avista's electric system. Customer's Generating Facility will remain disconnected until such time as Avista is satisfied that the condition(s) referenced in this Section 3 have been corrected.

4.0 INTERCONNECTION

4.1 Customer shall deliver energy to Avista at Avista's meter.

4.2 Customer shall pay for designing, installing, inspecting, operating, and maintaining the Generating Facility in accordance with all applicable laws and regulations and shall comply with any and all interconnection standards established by Avista.

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4.3 Customer shall pay for Avista's standard bidirectional watt-hour meter electrical hook-up, if not already present.

4.4 Customer shall not commence parallel operation of the Generating Facility until written approval of the interconnection facilities has been given by Avista. Such approval will not be unreasonably withheld. Avista shall have the right to have representatives present at the initial testing of Customer's protective apparatus. Customer shall notify Avista with at least a seven day notice when testing is to take place.

4.5 Customer shall be responsible for all costs associated with the replacement of existing service transformer(s) if the transformer's capacity limits generation output.

5.0 MAINTENANCE AND PERMITS

5.1 Customer shall:

- i. maintain the Generating Facility and interconnection facilities in a safe and prudent manner and in conformance with all applicable laws and regulations including, but not limited to, any and all interconnection standards established by Avista, and
- ii. obtain any governmental authorizations and permits required for the construction and operation of the Generating Facility and interconnection facilities, including electrical permit(s), and
- iii. reimburse Avista for any and all losses, damages, claims, penalties, or liability Avista incurs as a result of Customer's failure to obtain or maintain any governmental authorizations and permits required for construction and operation of the Generating Facility or failure to maintain Customer's Generating Facility as required in this Section 5.

6.0 ACCESS TO PREMISES

6.1 Avista may enter Customer's premises or property to:

- i. inspect, with prior notice, during reasonable hours, Customer's Generating Facility's protective devices;
- ii. read metering equipment; and
- iii. disconnect at Avista's meter or transformer, without notice, the Generating Facilities pursuant to Section 3.

7.0 LIABILITY AND INDEMNIFICATION

7.1 As provided for in the Continuity of Service provisions of its Electric Service Tariff, Schedule 70, Avista shall have no liability to the Customer or any other persons for any interruption, suspension, curtailment or fluctuation in service or for any loss or damage caused thereby for causes beyond Avista's reasonable control, as defined in the Tariff. Furthermore, Avista shall not be liable for any special, indirect, incidental, punitive, or consequential damages arising from the operation, replacement, maintenance or repair of

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Avista-owned or Customer-owned electric facilities, including, without limitation, Customer's loss of actual or anticipated profits or revenue, loss by reason of shutdown, non-operation, or increased expense of its facilities or operations, cost of capital, or claims of third parties.

7.2 Customer shall indemnify Avista from any liability, loss, or expense, including attorney's fees, arising from or growing out of injury to persons, including death, or damage to property, which may occur on the electric system of Customer on its side of the electric service interconnection, unless such loss is solely due to the negligence of Avista. Where such claim or loss is caused by the concurrent negligence of Customer, its agents or employees, and Avista, its agents or employees, Customer hereby agrees to indemnify, defend and save Avista harmless from all such claims or losses to the extent that such claim or loss was caused by the negligence of Customer, its agents or employees.

7.3 Avista shall have no liability, ownership interest, control or responsibility for the Generating Facility or its interconnection with Avista's electric system, regardless of what Avista knows or should know about the Generating Facility or its interconnection.

8.0 INDEPENDENT CONTRACTORS

The Parties represent that they are independent contractors and shall not be deemed to be partners, joint ventures, employees, franchisees or franchisers, servants or agents of each other for any purpose whatsoever under or in connection with this Agreement.

9.0 GOVERNING LAW

This Agreement will be interpreted, governed, and constructed under the laws of the State of Washington, without regard to the conflict of law rules. Venue of any action arising under or related to this agreement will lie in the state courts located in Spokane County, Washington.

10.0 FUTURE MODIFICATION OR EXPANSION

Any future modification or expansion of the Generating Facility shall require engineering review and approval by Avista. Avista reserves the right to require the Customer, at Customer's expense, to provide modifications or additions to existing electrical devices including, but not limited to, protection device and meters in the event of changes to government or industry regulation and/or standards.

11.0 AMENDMENTS, MODIFICATIONS OR WAIVER

Any amendments or modifications to this Agreement will be in writing and agreed to by both Parties. The failure of any Party at any time or times to require performance of any provision of this Agreement will in no manner affect its right at a later time to enforce the same. No waiver by any Party of the breach of any term or covenant

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contained in this Agreement, whether by conduct or otherwise, will be deemed to be construed as a further or continuing waiver of any such breach or waiver of the breach of any other term or covenant unless such waiver is in writing.

12.0 ASSIGNMENT

The Customer shall not assign its rights under this Agreement without the express written consent of Avista, which will not be unreasonably withheld.

13.0 NOTICES TO THE PARTIES

13.1 Notices to Avista:

Avista Utilities
Distribution Engineering
1411 E. Mission Ave
PO Box 3727
Spokane, WA 99220-3727
Attention: Dan Knutson MSC-24
Or dan.knutson@avistacorp.com

13.2 Notices to Customer:

Name

Mailing Address

City, State & Zip

Customer notices to Avista, pursuant to this Section 13, shall refer to the Service Address set forth in Exhibit A, *Application for Interconnection of Small Electric Generating Facilities* and to Avista's Contract Number assigned to this Agreement.

14.0 TERM OF AGREEMENT AND TERMINATION

14.1 This Agreement shall become effective on the date when signed by the last of the two Parties below and shall remain in effect thereafter month to month unless terminated by either Party on thirty (30) days prior written notice.

14.2 The termination of this Agreement shall not relieve either Party of its liabilities and obligations owed or continuing at the time of the termination.

15.0 COUNTERPARTS

Avista Utilities
East 1411 Mission Ave.
Spokane, WA 99202



This Agreement and any amendments thereto may be executed in any number of counterparts, each of which, when executed and delivered, shall be an original, but all such counterparts shall constitute one and the same instrument. As used herein, the term "counterparts" shall include full copies of such instruments signed and delivered by facsimile transmission, as well as photocopies of such facsimile transmissions.

This Agreement has been signed by the Parties' authorized representatives on the date(s) set forth below.

Avista Corporation
dba Avista Utilities

Customer

Richard L Vermeers
(Signature)
Richard L Vermeers
(Printed Name)
Director of Electrical Engineering
(Title)
4/30/12
(Date)

[Redacted]
(Printed Name)
[Redacted]
(Title)
4/26/12
(Date)

REQUIREMENT A - APPLICATION FOR INTERCONNECTION OF COGENERATION OR SMALL POWER PRODUCTION ELECTRIC GENERATING FACILITIES

300 KILOWATTS OR LESS

Customer or Company Name: [REDACTED]
Contact Person: [REDACTED]
Address: [REDACTED]
City: [REDACTED] State: WA Zip Code: [REDACTED]
Phone: [REDACTED] Fax: [REDACTED]
Email Address: [REDACTED]
Location of Proposed Power Generator: Ground mount 150' NW of home

Estimated Installation Date: 5-20-12 Estimated In-Service Date: 5-22-12

Type of Meter Installation (Choose only one):

- Net Metering utilizing existing customer meter, or
New meter for PURPA and Non-PURPA units
Service to Generator, Single or Three Phase, AC Volts
New meter base connected to customer's electrical distribution panel, or
New meter base and new connection to an existing Avista Utilities transformer.

If applicable, Engineering or Design Firm: [REDACTED]
Contact Person [REDACTED] Phone [REDACTED]

Solar PV Type:

Quantity of Solar PV Panels: 16 x Nominal Rating Watts (Each): 190 = Total
Wattage 3040
Solar Panel Manufacturer: Silicon Energy, Model No. Sie 190
Type of Array Mounting: Fixed
Rated Power Output one Qty. of Peak Power 3.84 kW
of Inverter (Watts): 3.84 x Inverters = x Output (Watts)
Inverter Manufacturer: Silicon Energy, Model No: SIE3840
UL 1741 Listed: Yes

Wind Turbine:

Est. Average Wind Speed at Location (if known): mph. N/A
Wind Turbine Manufacturer: Model No.:
Rated Power Output, Watts: at mph Wind Speed.
Inverter Manufacturer: Model No:
UL 1741 Listed: Yes No

Other Generator:

Describe: _____

UL 1741 Listed: Yes No

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

- Interconnection Fee (payable when the application is submitted for approval): \$100 Non-Refundable Processing fee for 0 kW to 25 kW
- \$500 Non-Refundable Processing fee for 26 kW to 300 kW

Customer Signature:

I hereby certify that, to the best of my knowledge, the information provided in this Application is true.

Title: _____ Date: 04/16/2012

This application is only valid for Generating Facilities that meet the codes, standards, and certification requirements of Interconnection Standards for Customer-Owned Generating Facilities 300 kW and Smaller.

Please return this application to the Avista Utilities before purchasing and installing a power generator:

Avista Utilities
Dan Knutson MSC-24
Distribution Engineering
1411 E. Mission
Spokane, WA 99202-1902

All inquiries should be made to:
Dan Knutson
509-495-4204
dan.knutson@avistacorp.com
Website: www.AvistaUtilities.com

For Avista Utilities use only

New Transformer and Line Extension required: (Determined by Avista Utilities Engineer)

Yes No

Distribution list:

- Energy Services
- Customer Accounting
- Customer Service Engineering

Account Number: _____

Connection Fees Paid: \$100 Check No. 1285

Customer's Unified

Business Identifier: _____

Applic

Interconnection of the Small Generating Facility is approved contingent upon the Terms and Conditions for Net Energy Metering Connection Agreement for Customer Fuel Cell, Solar, Wind, or Hydropower Electric Generating Facilities of 300 Kilowatts or Less, and subject to the following conditions (if any):

Application received and approved by:

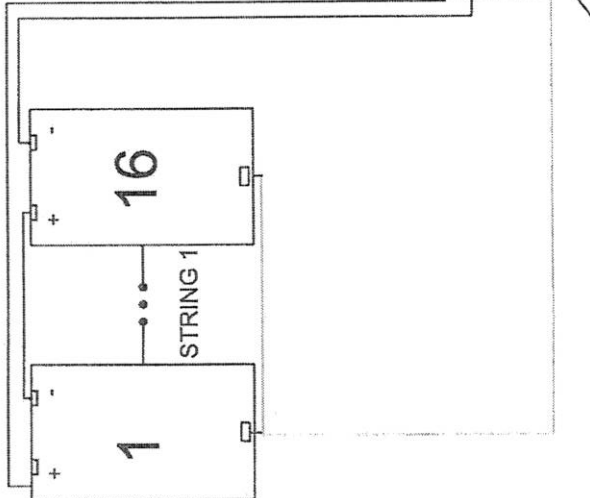
Name: Dan Knutson

Signature: Dan Knutson

Title: Sr. Engineer

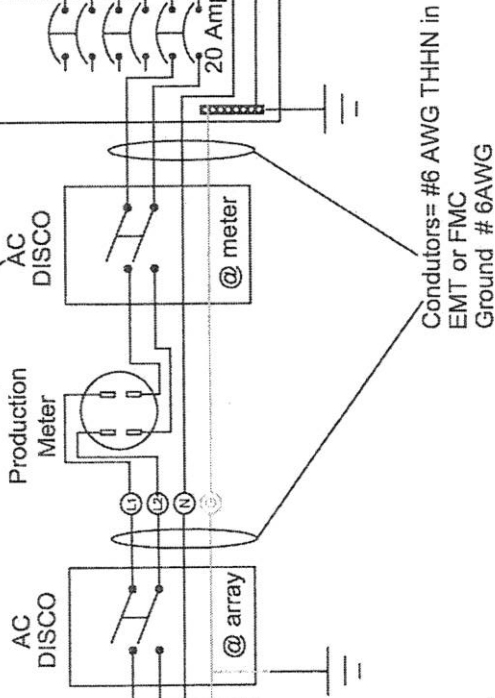
Date: 4/27/12

PHOTOVOLTAIC ARRAY



AWG #10 PV Wire
 POS = BLACK
 NEG = WHITE
 G = BARE # 10 AWG

Inverter Ratings
 Make: Silicon Energy
 Model #: SiE-3840
 Max. DC Voltage: 600Vdc
 Max Power @ 40C: 3840w
 Nominal AC Voltage: 240Vac
 Max AC Current (OCPD): 20A



Utility meter, AC Disco,
 & Solar production
 meter all grouped next
 to existing Utility meter

Conductors= #6 AWG THHN in
 EMT or FMC
 Ground # 6AWG

**690.53 PV Power Source Sign
 on DC Disconnects**
 RATED CURRENT: 7.5 A
 RATED VOLTAGE: 405 V
 MAX SYS VOLTAGE: 569 V
 MAX CURRENT: 9.9 A

EXTREME TEMPS:
 LOW: 0 HIGH: 97

PV Module Ratings
 Manufacture: Silicon Energy
 Model #: SiE190
 Open-Circuit Voltage: 30.5V
 Operation Voltage: 25.3V
 Max String Voltage: 600V
 Operating Current: 7.5A
 Short-Circuit Current: 7.9A
 Max Series Fuse: 15A
 Maximum Power(STC): 190W
 VOC Temp Coeff: .389%/C

Job: [REDACTED]

Address: [REDACTED]