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**IDAHO PUBLIC  
UTILITIES COMMISSION**

**LISA D. NORDSTROM**  
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August 13, 2020

**VIA ELECTRONIC FILING**

Jan Noriyuki, Secretary  
Idaho Public Utilities Commission  
11331 W. Chinden Blvd., Bldg. 8, Ste. 201-A  
Boise, Idaho 83720-0074

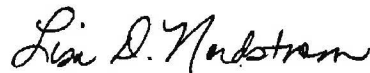
Re: Case No. IPC-E-20-30  
In the Matter of Idaho Power Company's Application for Authority to  
Establish Tariff Schedule 68, Interconnections to Customer Distributed  
Energy Resources

Dear Ms. Noriyuki:

Attached for electronic filing, pursuant to Order No. 34602, is Idaho Power Company's Supplemental Application in the above matter.

If you have any questions about the enclosed documents, please do not hesitate to contact me.

Very truly yours,



Lisa D. Nordstrom

LDN:slb  
Enclosure

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Idaho Power Company  
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Boise, Idaho 83707  
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Attorney for Idaho Power Company

BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

IN THE MATTER OF IDAHO POWER	)	
COMPANY'S APPLICATION FOR	)	CASE NO. IPC-E-20-30
AUTHORITY TO ESTABLISH TARIFF	)	
SCHEDULE 68, INTERCONNECTIONS	)	SUPPLEMENTAL APPLICATION
TO CUSTOMER DISTRIBUTED	)	TO ESTABLISH TARIFF
ENERGY RESOURCES.	)	SCHEDULE 68
	)	

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1. On July 20, 2020, Idaho Power Company ("Idaho Power" or "Company") filed an initial Application with the Idaho Public Utilities Commission ("Commission") for authority to establish tariff Schedule 68, Interconnections to Customer Distributed Energy Resources ("Schedule 68").

2. The Application was accompanied by the direct testimony of Company witnesses Connie G. Aschenbrenner and Jared L. Ellsworth. Also filed as Attachment 1 to the Application was the proposed new tariff Schedule 68; Attachment 2 containing a red-lined, legislative format of the revised tariff Schedule 72, Generator Interconnections to PURPA Qualifying Facility Sellers ("Schedule 72"); and Attachment 3 containing a clean version of the revised Schedule 72.

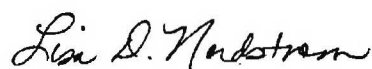
3. Since filing the Application on July 20, 2020, Idaho Power identified three other schedules in its tariff referencing the current Schedule 72, and existing defined terms contained within, that should be updated to reflect the proposed creation of Schedule 68. These references are found in Schedule 6, Residential Service On-Site Generation ("Schedule 6"), Schedule 8, Small General Service On-Site Generation ("Schedule 8"), and Schedule 84, Customer Energy Production Net Metering Service ("Schedule 84"). While not substantive in nature, upon approval, the proposed modifications will provide consistent references to the appropriate interconnection tariff for retail customers – Schedule 68.

4. Therefore, Idaho Power now supplements its initial Application with Attachment 4 containing a red-lined, legislative format of the revised tariff Schedules 6, 8, and 84; and Attachment 5 containing a clean version of the revised Schedules 6, 8, and 84, all of which are incorporated herein by this reference.

#### **VI. REQUEST FOR RELIEF**

5. Idaho Power respectfully requests that the Commission issue an order: (1) authorizing that this matter may be processed by Modified Procedure; (2) approving the proposed Schedule 68, and (3) approving the revised Schedules 6, 8, 72, and 84.

Respectfully submitted this 13<sup>th</sup> day of August 2020.



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LISA D. NORDSTROM  
Attorney for Idaho Power Company

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on the 13<sup>th</sup> day of August 2020 I served a true and correct copy of IDAHO POWER COMPANY'S SUPPLEMENTAL APPLICATION FOR AUTHORITY TO ESTABLISH TARIFF SCHEDULE 68, INTERCONNECTIONS TO CUSTOMER DISTRIBUTED ENERGY RESOURCES upon the following named parties by the method indicated below, and addressed to the following:

### **Commission Staff**

Edward Jewell  
Deputy Attorney General  
Idaho Public Utilities Commission  
472 West Washington Street (83702)  
P.O. Box 83720  
Boise, Idaho 83720-0074

☐ Hand Delivered  
☐ U.S. Mail  
☐ Overnight Mail  
☐ FAX  
☐ FTP Site  
☒ Email [edward.jewell@puc.idaho.gov](mailto:edward.jewell@puc.idaho.gov)

### **Idaho Conservation League and NW Energy Coalition**

Benjamin J. Otto  
Idaho Conservation League  
710 North 6<sup>th</sup> Street  
Boise, Idaho 83702

☐ Hand Delivered  
☐ U.S. Mail  
☐ Overnight Mail  
☐ FAX  
☐ FTP Site  
☒ Email [botto@idahoconservation.org](mailto:botto@idahoconservation.org)



Stephanie Buckner  
Executive Assistant



**IPC-E-20-30**  
**SUPPLEMENTAL APPLICATION TO ESTABLISH**  
**TARIFF SCHEDULE 68**

**ATTACHMENT 4**

SCHEDULE 6  
RESIDENTIAL SERVICE  
ON-SITE GENERATION

AVAILABILITY

Service under this schedule is available at points on the Company's interconnected system within the State of Idaho where existing facilities of adequate capacity and desired phase and voltage are adjacent to the location where Residential Service, On-Site Generation is desired, and where additional investment by the Company for new transmission, substation or terminal facilities is not necessary to supply the desired service. This service is available to Customers intending to operate ~~Small On-Site Generation Systems~~ Exporting Systems to generate electricity to reduce all or part of the monthly energy usage.

APPLICABILITY

Service under this schedule is applicable to Electric Service required for residential service Customers for general domestic uses, including single phase motors of 7½ horsepower rating or less, subject to the following conditions:

1. When a portion of a dwelling is used regularly for business, professional or other gainful purposes, or when service is supplied in whole or in part for business, professional, or other gainful purposes, the Premises will be classified as non-residential and the appropriate General Service Schedule will apply. However, if the wiring is so arranged that the service for residential purposes can be metered separately, this schedule will be applied to such service.
2. Whenever the Customer's equipment does not conform to the Company's specifications for service under this schedule, service will be supplied under the appropriate General Service Schedule.
3. This schedule is not applicable to standby service, service for resale, or shared service.
4. Customer owns and/or operates a Generation Facility fueled by solar, wind, biomass, geothermal, hydropower or represents fuel cell technology, with a total nameplate capacity rating of 25 kilowatts (kW) or less, that is connected in ~~parallel~~ Parallel with the Idaho Power System.
5. The Generation Facility is interconnected to the Customer's individual electric system on the Customer's side of the Point of Delivery, thus all energy received and delivered by the Company is through the Company's existing watt-hour retail meter.
6. Customer meets all applicable requirements ~~applicable to Small On-Site Generation Systems~~ detailed in the Company's ~~Schedule 72, Interconnections to Non-Utility Generation Schedule 68, Interconnections to Customer Distributed Energy Resources~~.

DEFINITIONS

Designated Meter is the retail meter physically connected to the ~~Small On-Site Generation System~~ Exporting System.



SCHEDULE 6  
RESIDENTIAL SERVICE  
ON-SITE GENERATION

DEFINITIONS (Continued)

Distributed Energy Resource(s) (DER(s)) is a source of electric power that is not directly connected to the bulk power system. Any combination of Generation Facilities and/or Energy Storage Devices connected in Parallel is considered a DER.

Energy Storage Device is a device that captures energy produced at a point in time and stores the energy for use as electricity at a future point in time. An Energy Storage Device is a DER.

Exporting System is a Customer-owned DER under the terms of Schedules 6, 8, or 84, which is designed to provide for the transfer of electric energy to the Company. An Exporting System is interconnected to the Company's system under the applicable terms of Schedule 68.

Excess Net Energy means the positive difference between the kilowatt-hours (kWh) generated by a Customer and the kWh supplied by the Company over the applicable Billing Period.

Generation Facility means all equipment used to generate electric energy where the resulting energy is delivered to the Company via a single meter at the Point of Delivery or is consumed by the Customer. A Generation Facility is a DER.

Interconnection Facilities are all facilities reasonably required by Prudent Electrical Practices and the applicable electric and safety codes to interconnect and safely deliver energy from the Generation Facility to the Point of Delivery.

Parallel connection means generating electricity from an on-site generation system that is connected to and receives voltage from Idaho Power's system.

Point of Delivery is the retail metering point where the Company's and the Customer's electrical facilities are interconnected to allow the Customer to take retail electric service from the Company.

Prudent Electrical Practices are those practices, methods and equipment that are commonly used in prudent electrical engineering and operations to operate electric equipment lawfully and with safety, dependability, efficiency and economy.

Schedule 7268 is the Company's service schedule which provides for interconnection to ~~non-utility generation~~ customer generation or its successor schedule(s) as approved by the Commission.

~~Small On-Site Generation Service is the Company's service which provides for transfer of electric energy to the Company under the terms of this Schedule and of Schedule 72 or their successor(s) as approved by the Commission. This optional service provides for Customers to install Generation Facilities to interconnect to the Company's system to offset all or a portion of their electrical usage. This service is comprised of all customers taking service under Schedule 6 or Schedule 8.~~

~~Small On-Site Generation System is a Customer-owned Generation Facility, with a total nameplate capacity rating of 25 kW or less, interconnected to the Company's system under the applicable terms of Schedule 72 and this schedule.~~

SCHEDULE 6  
RESIDENTIAL SERVICE  
ON-SITE GENERATION  
(Continued)

DEFINITIONS (Continued)

TYPE OF SERVICE

The type of service provided under this schedule is single phase, alternating current at approximately 120 or 240 volts and 60 cycles, supplied through one meter at one Point of Delivery. Upon request by the owner of multi-family dwellings, the Company may provide 120/208 volt service for multi-family dwellings when all equipment is U L approved to operate at 120/208 volts.

SCHEDULE 6  
RESIDENTIAL SERVICE  
ON-SITE GENERATION  
(Continued)

WATER HEATING

All electric water heating equipment, including water storage and tankless water heaters (hot water on demand), shall conform to specifications of the Underwriters' Laboratories, Inc., and the Company. The installation of the water heating equipment shall conform to all National, State, and Municipal Codes. No single electric water heating unit shall exceed 6 kW; and where two or more heating units are used, these units shall be so interlocked that not more than 6 kW can be connected at any one time.

Where electric water heaters not complying with these specifications are installed, the Customer will be required to pay the original installation or upgrade costs for any nonstandard facilities needed to supply the electrical capacity to meet the water heater demand. Water heating equipment must not impair or interfere with service to any other customer.

RESIDENTIAL SPACE HEATING

All space heating equipment to be served by the Company's system shall be single-phase equipment approved by Underwriters' Laboratories, Inc., and the equipment and its installation shall conform to all national, state, and municipal codes and to the following:

Individual resistance-type units for space heating larger than 1,650 watts shall be designed to operate at 240 or 208 volts, and no single unit shall be larger than 6 kW. Heating units of 2 kW or larger shall be controlled by approved thermostatic devices. When a group of heating units, with a total capacity of more than 6 kW, is to be actuated by a single thermostat, the controlling switch shall be so designed that not more than 6 kW can be switched on or off at any one time. Supplemental resistance-type heaters, that may be used with a heat exchanger, shall comply with the specifications listed above for such units.

CONDITIONS OF PURCHASE AND SALE

The conditions listed below shall apply to all transactions under this schedule.

1. Balances of generation and usage by the Customer:

a. If electricity supplied by the Company during the Billing Period exceeds the electricity generated by the Customer and delivered to the Company during the Billing Period, the Customer shall be billed for the net electricity supplied by the Company at the rates contained within this schedule, in accordance with normal metering practices.

b. If electricity generated by the Customer and delivered to the Company during the Billing Period exceeds the electricity supplied by the Company during the Billing Period, the Excess Net Energy shall be carried forward as a kWh credit to offset energy usage in a subsequent Billing Period. Excess Net Energy credits are subject to the following provisions:



SCHEDULE 6  
RESIDENTIAL SERVICE  
ON-SITE GENERATION  
(Continued)

CONDITIONS OF PURCHASE AND SALE (Continued)

- i. Credits can only be used to offset billed kWh consumption. Customers shall be billed for all applicable non-energy charges for the Billing Period according to the applicable standard service schedule.
  - ii. Credits shall carry forward provided the Customer maintains electric service at the same Point of Delivery.
  - iii. Credits are non-transferrable in the event that a Customer relocates and/or discontinues service at the Point of Delivery associated with the ~~Small On-Site Generation System~~ Exporting System. Any unused credits will expire at the time the final bill is prepared.
- c. Compensation for the balance of generation and usage by the Customer is subject to change upon Commission approval.
2. Aggregation of meters for the annual transfer of unused Excess Net Energy credits:
  - a. If a balance of Excess Net Energy credits exists at a Designated Meter at the end of the Customer's December Billing Period the Customer may request to transfer the unused credits to offset energy consumption at eligible meters. A meter is eligible for aggregation if it meets all of the following criteria:
    - i. The account subject to offset is held by the Customer; and
    - ii. The meter is located on, or contiguous to, the property on which the Designated Meter is located. For the purposes of this tariff, contiguous property includes property that is separated from the Premises of the Designated Meter by public or railroad rights of way; and
    - iii. The meter is served by the same primary feeder as the Designated Meter at the time the Customer files the application for the ~~Small On-Site Generation System~~ Exporting System; and
    - iv. The electricity recorded by the meter is for the Customer's requirements; and
    - v. Credits may only be transferred to meters taking service under Schedule 1, Schedule 6, Schedule 7, or Schedule 8.
  - b. Customers may submit requests to transfer Excess Net Energy credits between January 1 and January 31 of each year. All requests must be received by Idaho Power by midnight, Mountain Standard Time, on January 31. If a Customer does not request to transfer Excess Net Energy credits by the January 31 submission deadline Excess Net Energy credits will carry forward to offset consumption at the Designated Meter until they become eligible for transfer on January 1 of the following year.

SCHEDULE 6  
RESIDENTIAL SERVICE  
ON-SITE GENERATION  
(Continued)

CONDITIONS OF PURCHASE AND SALE (Continued)

c. Requests to transfer Excess Net Energy credits must be executed by the Company no later than March 31. Transfers will be based on the balance of Excess Net Energy credits available at the time the transfer is made.

d. If multiple meters are eligible for aggregation, Excess Net Energy credits must first be applied to the Designated Meter, then to eligible meters on the same rate schedule as the Designated Meter. Remaining Excess Net Energy credits may then be applied to offset consumption at eligible meters on differing rate schedules in accordance with Section 2a(v) above.

e. A meter aggregation fee of \$10.00 will be assessed per aggregated meter per annual transfer transaction.

3. The Customer shall never deliver or attempt to deliver energy to the Company's system when the Company's system serving the Customer's Generation Facility is de-energized for any reason.

4. The Company shall not be liable directly or indirectly for permitting or continuing to allow an attachment of an Small On-Site Generation System Exporting System to the Company's system, or for the acts or omissions of the Customer that cause loss or injury, including death, to any third party.

5. The Customer is responsible for all costs associated with the Generation Facility and Interconnection Facilities. The Customer is also responsible for all costs associated with any Company additions, modifications, or upgrades to any Company facilities that the Company determines are necessary as a result of the installation of the Generation Facility in order to maintain a safe, reliable electrical system.

6. The Company shall not be obligated to accept, and the Company may require the Customer to curtail, interrupt or reduce deliveries of Energy if the Company, consistent with Prudent Electrical Practices, determines that curtailment, interruption, or reduction is necessary because of line construction or maintenance requirements, emergencies, or other critical operating conditions on its system.

7. If the Company is required by the Commission to institute curtailment of deliveries of electricity to its customers, the Company may require the Customer to curtail its consumption of electricity in the same manner and to the same degree as other Customers on the Company's standard service schedules.

8. The Customer shall grant to the Company all access to all Company equipment and facilities including adequate and continuing access rights to the property of the Customer for the purpose of installation, operation, maintenance, replacement, or any other service required of said equipment as well as all necessary access for inspection, switching, and any other operational requirements of the Customer's Interconnections Facilities.



SCHEDULE 6  
RESIDENTIAL SERVICE  
ON-SITE GENERATION  
(Continued)

CONDITIONS OF PURCHASE AND SALE (Continued)

9. The Customer shall notify the Company immediately if an ~~Small On-Site Generation System- Exporting System~~ is permanently removed or disabled. Permanent removal or disablement for the purposes of this Schedule is any removal or disablement of an ~~Small On-Site Generation System Exporting System~~ lasting longer than six (6) months. Customers with permanently removed or disabled systems will be removed from service under this schedule and placed on the appropriate standard service schedule.

SUMMER AND NON-SUMMER SEASONS

The summer season begins on June 1 of each year and ends on August 31 of each year. The non-summer season begins on September 1 of each year and ends on May 31 of each year.

MONTHLY CHARGE

The Monthly Charge is the sum of the following charges, and may also include charges as set forth in Schedule 54 (Fixed Cost Adjustment), Schedule 55 (Power Cost Adjustment), Schedule 91 (Energy Efficiency Rider), Schedule 95 (Adjustment for Municipal Franchise Fees), and Schedule 98 (Residential and Small Farm Energy Credit).

The following rate structure and charges are subject to change upon Commission approval:

	<u>Summer</u>	<u>Non-summer</u>
Service Charge, per month	\$5.00	\$5.00
Energy Charge, per kWh		
First 800 kWh	8.5332¢	7.9288¢
801-2000 kWh	10.2607¢	8.7412¢
All Additional kWh Over 2000	12.1891¢	9.6808¢

PAYMENT

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

SCHEDULE 8  
SMALL GENERAL SERVICE  
ON-SITE GENERATION

AVAILABILITY

Service under this schedule is available at points on the Company's interconnected system within the State of Idaho where existing facilities of adequate capacity and desired phase and voltage are adjacent to the location where Small General Service, On-Site Generation is desired, and where additional investment by the Company for new transmission, substation or terminal facilities is not necessary to supply the desired service. This service is available to Customers intending to operate ~~Small On-Site Generation Systems~~ Exporting Systems under this schedule to generate electricity to reduce all or part of their monthly energy usage.

APPLICABILITY

**Effective until a final order is issued that addresses metering configuration for Schedule 84 customers, and any appeal period has passed or the order has been upheld on appeal, existing Schedule 8 customers who no longer meet the energy usage requirement of Schedule 8 that 'energy usage is 2,000 kWh, or less, per Billing Period for ten or more Billing Periods during the most recent 12 consecutive Billing Periods[,]'** can elect Schedule 8.

Service under this schedule is applicable to Electric Service supplied to a Customer at one Point of Delivery and measured through one meter. This schedule is applicable to Customers whose metered energy usage is 2,000 kWh, or less, per Billing Period for ten or more Billing Periods during the most recent 12 consecutive Billing Periods. When the Customer's Billing Period is less than 27 days or greater than 36 days, the energy usage will be prorated to 30 days for purposes of determining eligibility under this schedule. Customers whose metered energy usage exceeds 2,000 kWh per Billing Period on an actual or prorated basis three times during the most recent 12 consecutive Billing Periods are not eligible for service under this schedule and will be automatically transferred to the applicable schedule effective with the next Billing Period. New customers may initially be placed on this schedule based on estimated usage.

This schedule is also applicable to non-profit or tax supported ball fields, fairgrounds or rodeo grounds with high demands and intermittent use exceeding 2,000 kWh per month. This schedule is not applicable to standby service, service for resale, shared service, to individual or multiple family dwellings first served through one meter after February 9, 1982, or to agricultural irrigation service after October 31, 2004.

Service under this schedule is also subject to the following conditions:

1. Customer owns/and or operates a Generation Facility fueled by solar, wind, biomass, geothermal, hydropower or represents fuel cell technology, with a total nameplate capacity rating of 25 kilowatts (kW) or less, that is connected in ~~parallel~~ Parallel with the Idaho Power System.

2. The Generation Facility is interconnected to the Customer's individual electric system on the Customer's side of the Point of Delivery, thus all energy received and delivered by the Company is through the Company's existing watt-hour retail meter.

3. Customer meets all applicable requirements ~~applicable to Small On-Site Generation Systems~~ detailed in the Company's ~~Schedule 72, Interconnections to Non-Utility Generation~~ Schedule 68, Interconnections to Customer Distributed Energy Resources.



SCHEDULE 8  
SMALL GENERAL SERVICE  
ON-SITE GENERATION  
(Continued)

DEFINITIONS

Designated Meter is the retail meter physically connected to the ~~Small On-Site Generation System~~ Exporting System.

Distributed Energy Resource(s) (DER(s)) is a source of electric power that is not directly connected to the bulk power system. Any combination of Generation Facilities and/or Energy Storage Devices connected in Parallel is considered a DER.

Energy Storage Device is a device that captures energy produced at a point in time and stores the energy for use as electricity at a future point in time. An Energy Storage Device is a DER.

Exporting System is a Customer-owned DER under the terms of Schedules 6, 8, or 84, which is designed to provide for the transfer of electric energy to the Company. An Exporting System is interconnected to the Company's system under the applicable terms of Schedule 68.

Excess Net Energy means the positive difference between the kilowatt-hours (kWh) generated by a Customer and the kWh supplied by the Company over the applicable Billing Period.

Generation Facility means all equipment used to generate electric energy where the resulting energy is either delivered to the Company via a single meter at the Point of Delivery or is consumed by the Customer. A Generation Facility is a DER.

Interconnection Facilities are all facilities reasonably required by Prudent Electrical Practices and the applicable electric and safety codes to interconnect and safely deliver energy from the Generation Facility to the Point of Delivery.

Parallel connection means generating electricity from an on-site generation system that is connected to and receives voltage from Idaho Power's system.

Point of Delivery is the retail metering point where the Company's and the Customer's electrical facilities are interconnected to allow the Customer to take retail electric service from the Company.

Prudent Electrical Practices are those practices, methods, and equipment that are commonly used in prudent electrical engineering and operations to operate electric equipment lawfully and with safety, dependability, efficiency and economy.

Schedule 7268 is the Company's service schedule which provides for interconnection to ~~non-utility generation~~ customer generation or its successor schedule(s) as approved by the Commission.

~~Small On-Site Generation Service is the Company's service which provides for transfer of electric energy to the Company under the terms of this Schedule and of Schedule 72 or their successor(s) as approved by the Commission. This optional service provides for Customers to install Generation Facilities to interconnect to the Company's system to offset all or a portion of their electrical usage. This service is comprised of all customers taking service under Schedule 6 or Schedule 8.~~

~~Small On-Site Generation System is a Customer-owned Generation Facility, with a total nameplate capacity rating of 25 kW or less, interconnected to the Company's system under the applicable terms of Schedule 72 and this schedule.~~

TYPE OF SERVICE

The type of service provided under this schedule is single and/or three-phase alternating current, at approximately 60 cycles and at the standard service voltage available at the Premises to be served.

SCHEDULE 8  
SMALL GENERAL SERVICE  
ON-SITE GENERATION  
(Continued)

CONDITIONS OF PURCHASE AND SALE

The conditions listed below shall apply to all transactions under this schedule.

1. Balances of generation and usage by the Customer:

a. If electricity supplied by the Company during the Billing Period exceeds the electricity generated by the Customer and delivered to the Company during the Billing Period, the Customer shall be billed for the net electricity supplied by the Company at the rates contained within this schedule, in accordance with normal metering practices.

b. If electricity generated by the Customer and delivered to the Company during the Billing Period exceeds the electricity supplied by the Company during the Billing Period, the Excess Net Energy shall be carried forward as a kWh credit to offset energy usage in a subsequent Billing Period. Excess Net Energy credits are subject to the following provisions:

i. Credits can only be used to offset billed kWh consumption. Customers shall be billed for all applicable non-energy charges for the Billing Period according to the applicable standard service schedule.

ii. Credits shall carry forward provided the Customer maintains electric service at the same Point of Delivery.

iii. Credits are non-transferrable in the event that a Customer relocates and/or discontinues service at the Point of Delivery associated with the ~~Small On-Site Generation System~~ Exporting System. Any unused credits will expire at the time the final bill is prepared.

c. Compensation for the balance of generation and usage by the Customer is subject to change upon Commission approval.

2. Aggregation of meters for the annual transfer of unused Excess Net Energy credits:

a. If a balance of Excess Net Energy credits exists at a Designated Meter at the end of the Customer's December Billing Period the Customer may request to transfer the unused credits to offset energy consumption at eligible meters. A meter is eligible for aggregation if it meets all of the following criteria:

i. The account subject to offset is held by the Customer; and

ii. The meter is located on, or contiguous to, the property on which the Designated Meter is located. For the purposes of this tariff, contiguous property includes property that is separated from the Premises of the Designated Meter by public or railroad rights of way; and



SCHEDULE 8  
SMALL GENERAL SERVICE  
ON-SITE GENERATION  
(Continued)

CONDITIONS OF PURCHASE AND SALE (Continued)

iii. The meter is served by the same primary feeder as the Designated Meter at the time the Customer files the application for the ~~Small On-Site Generation System~~ Exporting System; and

iv. The electricity recorded by the meter is for the Customer's requirements; and

v. Credits may only be transferred to meters taking service under Schedule 1, Schedule 6, Schedule 7, or Schedule 8.

b. Customers may submit requests to transfer Excess Net Energy credits between January 1 and January 31 of each year. All requests must be received by Idaho Power by midnight, Mountain Standard Time, on January 31. If a Customer does not request to transfer Excess Net Energy credits by the January 31 submission deadline Excess Net Energy credits will carry forward to offset consumption at the Designated Meter until they become eligible for transfer on January 1 of the following year.

c. Requests to transfer Excess Net Energy credits must be executed by the Company no later than March 31. Transfers will be based on the balance of Excess Net Energy credits available at the time the transfer is made.

d. If multiple meters are eligible for aggregation, Excess Net Energy credits must first be applied to the Designated Meter, then to eligible meters on the same rate schedule as the Designated Meter. Remaining Excess Net Energy credits may then be applied to offset consumption at eligible meters on differing rate schedules in accordance with Section 2a(v) above.

e. A meter aggregation fee of \$10.00 will be assessed per aggregated meter per annual transfer transaction.

3. The Customer shall never deliver or attempt to deliver energy to the Company's system when the Company's system serving the Customer's Generation Facility is de-energized for any reason.

4. The Company shall not be liable directly or indirectly for permitting or continuing to allow an attachment of a ~~Small On-Site Generation System~~ Exporting System to the Company's system, or for the acts or omissions of the Customer that cause loss or injury, including death, to any third party.

5. The Customer is responsible for all costs associated with the Generation Facility and Interconnection Facilities. The Customer is also responsible for all costs associated with any Company additions, modifications, or upgrades to any Company facilities that the Company determines are necessary as a result of the installation of the Generation Facility in order to maintain a safe, reliable electrical system.

6. The Company shall not be obligated to accept, and the Company may require the Customer to curtail, interrupt, or reduce deliveries of energy if the Company, consistent with Prudent Electrical Practices, determines that curtailment, interruption, or reduction is necessary because of line



Idaho Power Company \_\_\_\_\_ First Revised Sheet No. 8-4

Cancels

I.P.U.C. No. 29, Tariff No. 101

Original Sheet No. 8-4

construction or maintenance requirements, emergencies, or other critical operating conditions on its system.

SCHEDULE 8  
SMALL GENERAL SERVICE  
ON-SITE GENERATION  
(Continued)

CONDITIONS OF PURCHASE AND SALE (Continued)

7. If the Company is required by the Commission to institute curtailment of deliveries of electricity to its customers, the Company may require the Customer to curtail its consumption of electricity in the same manner and to the same degree as other Customers on the Company's standard service schedules.

8. The Customer shall grant to the Company all access to all Company equipment and facilities including adequate and continuing access rights to the property of the Customer for the purpose of installation, operation, maintenance, replacement, or any other service required of said equipment as well as all necessary access for inspection, switching, and any other operational requirements of the Customer's Interconnections Facilities.

9. The Customer shall notify the Company immediately if an ~~Small On-Site Generation System- Exporting System~~ is permanently removed or disabled. Permanent removal or disablement for the purposes of this Schedule is any removal or disablement of an ~~Small On-Site Generation System- Exporting System~~ lasting longer than six (6) months. Customers with permanently removed or disabled systems will be removed from service under this schedule and placed on the appropriate standard service schedule.

SUMMER AND NON-SUMMER SEASONS

The summer season begins on June 1 of each year and ends on August 31 of each year. The non-summer season begins on September 1 of each year and ends on May 31 of each year.

MONTHLY CHARGE

The Monthly Charge is the sum of the following charges, and may also include charges as set forth in Schedule 54 (Fixed Cost Adjustment), Schedule 55 (Power Cost Adjustment), Schedule 91 (Energy Efficiency Rider), Schedule 95 (Adjustment for Municipal Franchise Fees), and Schedule 98 (Residential and Small Farm Energy Credit).

The following charges are subject to change upon Commission approval:

	<u>Summer</u>	<u>Non-summer</u>
Service Charge, per month	\$5.00	\$5.00
Energy Charge, per kWh		
First 300 kWh	9.7281¢	9.7281¢
All Additional kWh	11.5862¢	10.2067¢

PAYMENT

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

SCHEDULE 84  
CUSTOMER ENERGY PRODUCTION  
NET METERING SERVICE

AVAILABILITY

Service under this schedule is available throughout the Company's service territory within the State of Idaho for Customers intending to operate ~~Net Metering Systems~~ Exporting Systems to generate electricity to reduce all or part of their monthly energy usage.

**Effective June 1, 2018**, Schedule 84 is closed to service for Idaho residential and Idaho small general service customers.

APPLICABILITY

Service under this schedule is applicable to any Customer that:

1. Does not take service under Schedule 4 or Schedule 5; and
2. Owns and/or operates a Generation Facility fueled by solar, wind, biomass, geothermal, or hydropower, or represents fuel cell technology; and
3. Maintains its retail electric service account for the loads served at the Point of Delivery adjacent to the Generation Interconnection Point as active and in good standing; and
4. Meets all requirements applicable to ~~Net Metering Systems~~ Exporting Systems detailed in the Company's ~~Schedule 72 Interconnections to Non-Utility Generation~~ Schedule 68, Interconnections to Customer Distributed Energy Resources; and

5. Takes retail electric service under:

- a. Schedule 1 or Schedule 7; and

Owns and/or operates a Generation Facility with a total nameplate capacity rating of 25 kilowatts (kW) or smaller that is interconnected to the Customer's individual electric system on the Customer's side of the Point of Delivery, thus all energy received and delivered by the Company is through the Company's existing watt-hour retail meter.

- b. Schedules other than Schedule 1, Schedule 4, Schedule 5, or Schedule 7; and

Owns and/or operates a Generation Facility with a total nameplate capacity rating of 100 kW or smaller that is interconnected at a Generation Interconnection Point that, at the Company's discretion, is located either adjacent to or on the Customer's side of the Point of Delivery and is metered through a meter that is separate from the retail load metering at the Customer's Point of Delivery. A separate meter from the existing retail load metering at the Customer's Point of Delivery is not required if the Customer meets the criteria below. The One Meter Option is available if:

- i. The Generation Facility has a total nameplate capacity rating of 25 kW or smaller; and

Idaho Power Company ~~Fourth-Fifth~~ Revised Sheet No. 84-1

Cancels

I.P.U.C. No. 29, Tariff No. 101 ~~Third-Fourth~~ Revised Sheet No. 84-1

ii. The Generation Facility has a total nameplate capacity rating that is no more than 2% of the Customer's Basic Load Capacity (BLC) or comparable average maximum monthly Billing Demands.



SCHEDULE 84  
CUSTOMER ENERGY PRODUCTION  
NET METERING SERVICE  
(Continued)

DEFINITIONS

Basic Load Capacity (BLC) is the average of the two greatest non-zero monthly Billing Demands established during the 12-month period which includes and ends with the current Billing Period.

Designated Meter is the retail meter physically connected to the ~~Net Metering System~~Exporting System.

Distributed Energy Resource(s) (DER(s)) is a source of electric power that is not directly connected to the bulk power system. Any combination of Generation Facilities and/or Energy Storage Devices connected in Parallel is considered a DER.

Energy Storage Device is a device that captures energy produced at a point in time and stores the energy for use as electricity at a future point in time. An Energy Storage Device is a DER.

Exporting System is a Customer-owned DER under the terms of Schedules 6, 8, or 84, which is designed to provide for the transfer of electric energy to the Company. An Exporting System is interconnected to the Company's system under the applicable terms of Schedule 68.

Excess Net Energy means the positive difference between the kilowatt-hours (kWh) generated by a Customer and the kWh supplied by the Company over the applicable Billing Period.

Generation Facility means all equipment used to generate electric energy where the resulting energy is either delivered to the Company via a single meter at the Point of Delivery or Generation Interconnection Point, or is consumed by the Customer.

Generation Interconnection Point is the point where the conductors installed to allow receipt of the Customer's generation connect to the Company's facilities adjacent to the Customer's Point of Delivery.

Interconnection Facilities are all facilities reasonably required by Prudent Electrical Practices and the applicable electric and safety codes to interconnect and safely deliver energy from the Generation Facility to the Point of Delivery or Generation Interconnection Point.

~~Net Metering Service is the Company's service that provides for transfer of electric energy to the Company by means of a net metering arrangement under the terms of Schedule 84 or its successor schedule(s) as approved by the Commission. This optional service provides for Customers to install Generation Facilities to interconnect to the Company's system to offset all or a portion of their electrical usage. This service is comprised of all Customers taking service under Schedule 84.~~

~~Net Metering System is a Customer-owned Generation Facility interconnected to the Company's system under the applicable terms of Schedule 72 and Schedule 84.~~

Point of Delivery is the retail metering point where the Company's and the Customer's electrical facilities are interconnected to allow the Customer to take retail electric service from the Company.

Prudent Electrical Practices are those practices, methods and equipment that are commonly used in prudent electrical engineering and operations to operate electric equipment lawfully and with safety, dependability, efficiency and economy.

Schedule ~~72-68~~ is the Company's service schedule which provides for interconnection to ~~non-~~  
utility-generation-customer generation or its successor schedule(s) as approved by the Commission.

#### MONTHLY BILLING

The Customer shall be billed in accordance with the Customer's applicable standard service schedule, including appropriate monthly charges.



SCHEDULE 84  
CUSTOMER ENERGY PRODUCTION  
NET METERING SERVICE  
(Continued)

CONDITIONS OF PURCHASE AND SALE

The conditions listed below shall apply to all transactions under this schedule.

1. Balances of generation and usage by the Customer:

a. If electricity supplied by the Company during the Billing Period exceeds the electricity generated by the Customer and delivered to the Company during the Billing Period, the Customer shall be billed for the net electricity supplied by the Company at the Customer's standard schedule retail rate, in accordance with normal metering practices.

b. Effective at the beginning of each Customer's January 2014 Billing Period, if electricity generated by the Customer and delivered to the Company during the Billing Period exceeds the electricity supplied by the Company during the Billing Period, the Excess Net Energy shall be carried forward as a kWh credit to offset energy usage in a subsequent Billing Period. Excess Net Energy credits are subject to the following provisions:

i. Credits can only be used to offset billed kWh consumption. Customers shall be billed for all applicable non-energy charges for the Billing Period according to the applicable standard service schedule.

ii. Credits shall carry forward provided the Customer maintains electric service at the same Point of Delivery.

iii. Credits are non-transferrable in the event that a Customer relocates and/or discontinues service at the Point of Delivery associated with the ~~Net Metering System~~ Exporting System. Any unused credits will expire at the time the final bill is prepared.

2. Aggregation of meters for the annual transfer of unused Excess Net Energy credits:

a. If a balance of Excess Net Energy credits exists at a Designated Meter at the end of the Customer's December Billing Period the Customer may request to transfer the unused credits to offset energy consumption at eligible meters. A meter is eligible for aggregation if it meets all of the following criteria:

i. The account subject to offset is held by the Customer; and

ii. The meter is located on, or contiguous to, the property on which the Designated Meter is located. For the purposes of this tariff, contiguous property includes property that is separated from the Premises of the Designated Meter by public or railroad rights of way; and

iii. The meter is served by the same primary feeder as the Designated Meter at the time the Customer files the application for the ~~Net Metering System~~ Exporting System; and



SCHEDULE 84  
CUSTOMER ENERGY PRODUCTION  
NET METERING SERVICE  
(Continued)

CONDITIONS OF PURCHASE AND SALE (Continued)

- iv.      The electricity recorded by the meter is for the Customer's requirements;  
and
- v.      For Customers taking service under Schedule 1 or Schedule 7, credits may only be transferred to meters taking service under Schedule 1 or Schedule 7. For Customers taking service under Schedule 9, Schedule 19, or Schedule 24, credits may only be transferred to meters taking service under Schedule 9, Schedule 19, or Schedule 24.
- b.      Customers may submit requests to transfer Excess Net Energy credits between January 1 and January 31 of each year. All requests must be received by Idaho Power by midnight, Mountain Standard Time, on January 31. If a Customer does not request to transfer Excess Net Energy credits by the January 31 submission deadline Excess Net Energy credits will carry forward to offset consumption at the Designated Meter until they become eligible for transfer on January 1 of the following year.
- c.      Requests to transfer Excess Net Energy credits must be executed by the Company no later than March 31. Transfers will be based on the balance of Excess Net Energy credits available at the time the transfer is made.
- d.      If multiple meters are eligible for aggregation, Excess Net Energy credits must first be applied to the Designated Meter, then to eligible meters on the same rate schedule as the Designated Meter. Remaining Excess Net Energy credits may then be applied to offset consumption at eligible meters on differing rate schedules in accordance with Section 2a(v) above.
- e.      A meter aggregation fee of \$10.00 will be assessed per aggregated meter per annual transfer transaction.
3.      The Customer shall never deliver or attempt to deliver energy to the Company's system when the Company's system serving the Customer's Generation Facility is de-energized for any reason.
4.      The Company shall not be liable directly or indirectly for permitting or continuing to allow an attachment of an an Net Metering System-Exporting System to the Company's system, or for the acts or omissions of the Customer that cause loss or injury, including death, to any third party.
5.      The Customer is responsible for all costs associated with the Generation Facility and Interconnection Facilities. The Customer is also responsible for all costs associated with any Company additions, modifications, or upgrades to any Company facilities that the Company determines are necessary as a result of the installation of the Generation Facility in order to maintain a safe, reliable electrical system.

SCHEDULE 84  
CUSTOMER ENERGY PRODUCTION  
NET METERING SERVICE  
(Continued)

CONDITIONS OF PURCHASE AND SALE (Continued)

6. The Company shall not be obligated to accept, and the Company may require the Customer to curtail, interrupt or reduce deliveries of energy if the Company, consistent with Prudent Electrical Practices, determines that curtailment, interruption or reduction is necessary because of line construction or maintenance requirements, emergencies, or other critical operating conditions on its system.

7. If the Company is required by the Commission to institute curtailment of deliveries of electricity to its customers, the Company may require the Customer to curtail its consumption of electricity in the same manner and to the same degree as other Customers on the Company's standard service schedules.

8. The Customer shall grant to the Company all access to all Company equipment and facilities including adequate and continuing access rights to the property of the Customer for the purpose of installation, operation, maintenance, replacement or any other service required of said equipment as well as all necessary access for inspection, switching and any other operational requirements of the Customer's Interconnection Facilities.

9. The Customer shall notify the Company immediately if an ~~an Net Metering System~~ Exporting System is permanently removed or disabled. Permanent removal or disablement for the purposes of this schedule is any removal or disablement of an ~~an Net Metering System~~ Exporting System lasting longer than six (6) months. Customers with permanently removed systems will be removed from service under this schedule and placed on the appropriate standard service schedule.

**IPC-E-20-30**  
**SUPPLEMENTAL APPLICATION TO ESTABLISH**  
**TARIFF SCHEDULE 68**

**ATTACHMENT 5**



SCHEDULE 6  
RESIDENTIAL SERVICE  
ON-SITE GENERATION

AVAILABILITY

Service under this schedule is available at points on the Company's interconnected system within the State of Idaho where existing facilities of adequate capacity and desired phase and voltage are adjacent to the location where Residential Service, On-Site Generation is desired, and where additional investment by the Company for new transmission, substation or terminal facilities is not necessary to supply the desired service. This service is available to Customers intending to operate Exporting Systems to generate electricity to reduce all or part of the monthly energy usage.

APPLICABILITY

Service under this schedule is applicable to Electric Service required for residential service Customers for general domestic uses, including single phase motors of 7½ horsepower rating or less, subject to the following conditions:

1. When a portion of a dwelling is used regularly for business, professional or other gainful purposes, or when service is supplied in whole or in part for business, professional, or other gainful purposes, the Premises will be classified as non-residential and the appropriate General Service Schedule will apply. However, if the wiring is so arranged that the service for residential purposes can be metered separately, this schedule will be applied to such service.
2. Whenever the Customer's equipment does not conform to the Company's specifications for service under this schedule, service will be supplied under the appropriate General Service Schedule.
3. This schedule is not applicable to standby service, service for resale, or shared service.
4. Customer owns and/or operates a Generation Facility fueled by solar, wind, biomass, geothermal, hydropower or represents fuel cell technology, with a total nameplate capacity rating of 25 kilowatts (kW) or less, that is connected in Parallel with the Idaho Power System.
5. The Generation Facility is interconnected to the Customer's individual electric system on the Customer's side of the Point of Delivery, thus all energy received and delivered by the Company is through the Company's existing watt-hour retail meter.
6. Customer meets all applicable requirements detailed in the Company's Schedule 68, Interconnections to Customer Distributed Energy Resources.

DEFINITIONS

Designated Meter is the retail meter physically connected to the Exporting System.

SCHEDULE 6  
RESIDENTIAL SERVICE  
ON-SITE GENERATION

DEFINITIONS (Continued)

Distributed Energy Resource(s) (DER(s)) is a source of electric power that is not directly connected to the bulk power system. Any combination of Generation Facilities and/or Energy Storage Devices connected in Parallel is considered a DER.

Energy Storage Device is a device that captures energy produced at a point in time and stores the energy for use as electricity at a future point in time. An Energy Storage Device is a DER.

Exporting System is a Customer-owned DER under the terms of Schedules 6, 8, or 84, which is designed to provide for the transfer of electric energy to the Company. An Exporting System is interconnected to the Company's system under the applicable terms of Schedule 68.

Excess Net Energy means the positive difference between the kilowatt-hours (kWh) generated by a Customer and the kWh supplied by the Company over the applicable Billing Period.

Generation Facility means all equipment used to generate electric energy where the resulting energy is delivered to the Company via a single meter at the Point of Delivery or is consumed by the Customer. A Generation Facility is a DER.

Interconnection Facilities are all facilities reasonably required by Prudent Electrical Practices and the applicable electric and safety codes to interconnect and safely deliver energy from the Generation Facility to the Point of Delivery.

Parallel connection means generating electricity from an on-site generation system that is connected to and receives voltage from Idaho Power's system.

Point of Delivery is the retail metering point where the Company's and the Customer's electrical facilities are interconnected to allow the Customer to take retail electric service from the Company.

Prudent Electrical Practices are those practices, methods and equipment that are commonly used in prudent electrical engineering and operations to operate electric equipment lawfully and with safety, dependability, efficiency and economy.

Schedule 68 is the Company's service schedule which provides for interconnection to customer generation or its successor schedule(s) as approved by the Commission.

TYPE OF SERVICE

The type of service provided under this schedule is single phase, alternating current at approximately 120 or 240 volts and 60 cycles, supplied through one meter at one Point of Delivery. Upon request by the owner of multi-family dwellings, the Company may provide 120/208 volt service for multi-family dwellings when all equipment is U L approved to operate at 120/208 volts.

SCHEDULE 6  
RESIDENTIAL SERVICE  
ON-SITE GENERATION  
(Continued)

WATER HEATING

All electric water heating equipment, including water storage and tankless water heaters (hot water on demand), shall conform to specifications of the Underwriters' Laboratories, Inc., and the Company. The installation of the water heating equipment shall conform to all National, State, and Municipal Codes. No single electric water heating unit shall exceed 6 kW; and where two or more heating units are used, these units shall be so interlocked that not more than 6 kW can be connected at any one time.

Where electric water heaters not complying with these specifications are installed, the Customer will be required to pay the original installation or upgrade costs for any nonstandard facilities needed to supply the electrical capacity to meet the water heater demand. Water heating equipment must not impair or interfere with service to any other customer.

RESIDENTIAL SPACE HEATING

All space heating equipment to be served by the Company's system shall be single-phase equipment approved by Underwriters' Laboratories, Inc., and the equipment and its installation shall conform to all national, state, and municipal codes and to the following:

Individual resistance-type units for space heating larger than 1,650 watts shall be designed to operate at 240 or 208 volts, and no single unit shall be larger than 6 kW. Heating units of 2 kW or larger shall be controlled by approved thermostatic devices. When a group of heating units, with a total capacity of more than 6 kW, is to be actuated by a single thermostat, the controlling switch shall be so designed that not more than 6 kW can be switched on or off at any one time. Supplemental resistance-type heaters, that may be used with a heat exchanger, shall comply with the specifications listed above for such units.

CONDITIONS OF PURCHASE AND SALE

The conditions listed below shall apply to all transactions under this schedule.

1. Balances of generation and usage by the Customer:

a. If electricity supplied by the Company during the Billing Period exceeds the electricity generated by the Customer and delivered to the Company during the Billing Period, the Customer shall be billed for the net electricity supplied by the Company at the rates contained within this schedule, in accordance with normal metering practices.

b. If electricity generated by the Customer and delivered to the Company during the Billing Period exceeds the electricity supplied by the Company during the Billing Period, the Excess Net Energy shall be carried forward as a kWh credit to offset energy usage in a subsequent Billing Period. Excess Net Energy credits are subject to the following provisions:

SCHEDULE 6  
RESIDENTIAL SERVICE  
ON-SITE GENERATION  
(Continued)

CONDITIONS OF PURCHASE AND SALE (Continued)

- i. Credits can only be used to offset billed kWh consumption. Customers shall be billed for all applicable non-energy charges for the Billing Period according to the applicable standard service schedule.
  - ii. Credits shall carry forward provided the Customer maintains electric service at the same Point of Delivery.
  - iii. Credits are non-transferrable in the event that a Customer relocates and/or discontinues service at the Point of Delivery associated with the Exporting System. Any unused credits will expire at the time the final bill is prepared.
- c. Compensation for the balance of generation and usage by the Customer is subject to change upon Commission approval.
2. Aggregation of meters for the annual transfer of unused Excess Net Energy credits:
  - a. If a balance of Excess Net Energy credits exists at a Designated Meter at the end of the Customer's December Billing Period the Customer may request to transfer the unused credits to offset energy consumption at eligible meters. A meter is eligible for aggregation if it meets all of the following criteria:
    - i. The account subject to offset is held by the Customer; and
    - ii. The meter is located on, or contiguous to, the property on which the Designated Meter is located. For the purposes of this tariff, contiguous property includes property that is separated from the Premises of the Designated Meter by public or railroad rights of way; and
    - iii. The meter is served by the same primary feeder as the Designated Meter at the time the Customer files the application for the Exporting System; and
    - iv. The electricity recorded by the meter is for the Customer's requirements; and
    - v. Credits may only be transferred to meters taking service under Schedule 1, Schedule 6, Schedule 7, or Schedule 8.
  - b. Customers may submit requests to transfer Excess Net Energy credits between January 1 and January 31 of each year. All requests must be received by Idaho Power by midnight, Mountain Standard Time, on January 31. If a Customer does not request to transfer Excess Net Energy credits by the January 31 submission deadline Excess Net Energy credits will carry forward to offset consumption at the Designated Meter until they become eligible for transfer on January 1 of the following year.



SCHEDULE 6  
RESIDENTIAL SERVICE  
ON-SITE GENERATION  
(Continued)

CONDITIONS OF PURCHASE AND SALE (Continued)

c. Requests to transfer Excess Net Energy credits must be executed by the Company no later than March 31. Transfers will be based on the balance of Excess Net Energy credits available at the time the transfer is made.

d. If multiple meters are eligible for aggregation, Excess Net Energy credits must first be applied to the Designated Meter, then to eligible meters on the same rate schedule as the Designated Meter. Remaining Excess Net Energy credits may then be applied to offset consumption at eligible meters on differing rate schedules in accordance with Section 2a(v) above.

e. A meter aggregation fee of \$10.00 will be assessed per aggregated meter per annual transfer transaction.

3. The Customer shall never deliver or attempt to deliver energy to the Company's system when the Company's system serving the Customer's Generation Facility is de-energized for any reason.

4. The Company shall not be liable directly or indirectly for permitting or continuing to allow an attachment of an Exporting System to the Company's system, or for the acts or omissions of the Customer that cause loss or injury, including death, to any third party.

5. The Customer is responsible for all costs associated with the Generation Facility and Interconnection Facilities. The Customer is also responsible for all costs associated with any Company additions, modifications, or upgrades to any Company facilities that the Company determines are necessary as a result of the installation of the Generation Facility in order to maintain a safe, reliable electrical system.

6. The Company shall not be obligated to accept, and the Company may require the Customer to curtail, interrupt or reduce deliveries of Energy if the Company, consistent with Prudent Electrical Practices, determines that curtailment, interruption, or reduction is necessary because of line construction or maintenance requirements, emergencies, or other critical operating conditions on its system.

7. If the Company is required by the Commission to institute curtailment of deliveries of electricity to its customers, the Company may require the Customer to curtail its consumption of electricity in the same manner and to the same degree as other Customers on the Company's standard service schedules.

8. The Customer shall grant to the Company all access to all Company equipment and facilities including adequate and continuing access rights to the property of the Customer for the purpose of installation, operation, maintenance, replacement, or any other service required of said equipment as well as all necessary access for inspection, switching, and any other operational requirements of the Customer's Interconnections Facilities.

SCHEDULE 6  
RESIDENTIAL SERVICE  
ON-SITE GENERATION  
 (Continued)

CONDITIONS OF PURCHASE AND SALE (Continued)

9. The Customer shall notify the Company immediately if an Exporting System is permanently removed or disabled. Permanent removal or disablement for the purposes of this Schedule is any removal or disablement of an Exporting System lasting longer than six (6) months. Customers with permanently removed or disabled systems will be removed from service under this schedule and placed on the appropriate standard service schedule.

SUMMER AND NON-SUMMER SEASONS

The summer season begins on June 1 of each year and ends on August 31 of each year. The non-summer season begins on September 1 of each year and ends on May 31 of each year.

MONTHLY CHARGE

The Monthly Charge is the sum of the following charges, and may also include charges as set forth in Schedule 54 (Fixed Cost Adjustment), Schedule 55 (Power Cost Adjustment), Schedule 91 (Energy Efficiency Rider), Schedule 95 (Adjustment for Municipal Franchise Fees), and Schedule 98 (Residential and Small Farm Energy Credit).

The following rate structure and charges are subject to change upon Commission approval:

	<u>Summer</u>	<u>Non-summer</u>
Service Charge, per month	\$5.00	\$5.00
Energy Charge, per kWh		
First 800 kWh	8.5332¢	7.9288¢
801-2000 kWh	10.2607¢	8.7412¢
All Additional kWh Over 2000	12.1891¢	9.6808¢

PAYMENT

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

SCHEDULE 8  
SMALL GENERAL SERVICE  
ON-SITE GENERATION

AVAILABILITY

Service under this schedule is available at points on the Company's interconnected system within the State of Idaho where existing facilities of adequate capacity and desired phase and voltage are adjacent to the location where Small General Service, On-Site Generation is desired, and where additional investment by the Company for new transmission, substation or terminal facilities is not necessary to supply the desired service. This service is available to Customers intending to operate Exporting Systems under this schedule to generate electricity to reduce all or part of their monthly energy usage.

APPLICABILITY

**Effective until a final order is issued that addresses metering configuration for Schedule 84 customers, and any appeal period has passed or the order has been upheld on appeal, existing Schedule 8 customers who no longer meet the energy usage requirement of Schedule 8 that 'energy usage is 2,000 kWh, or less, per Billing Period for ten or more Billing Periods during the most recent 12 consecutive Billing Periods[,] can elect Schedule 8.**

Service under this schedule is applicable to Electric Service supplied to a Customer at one Point of Delivery and measured through one meter. This schedule is applicable to Customers whose metered energy usage is 2,000 kWh, or less, per Billing Period for ten or more Billing Periods during the most recent 12 consecutive Billing Periods. When the Customer's Billing Period is less than 27 days or greater than 36 days, the energy usage will be prorated to 30 days for purposes of determining eligibility under this schedule. Customers whose metered energy usage exceeds 2,000 kWh per Billing Period on an actual or prorated basis three times during the most recent 12 consecutive Billing Periods are not eligible for service under this schedule and will be automatically transferred to the applicable schedule effective with the next Billing Period. New customers may initially be placed on this schedule based on estimated usage.

This schedule is also applicable to non-profit or tax supported ball fields, fairgrounds or rodeo grounds with high demands and intermittent use exceeding 2,000 kWh per month. This schedule is not applicable to standby service, service for resale, shared service, to individual or multiple family dwellings first served through one meter after February 9, 1982, or to agricultural irrigation service after October 31, 2004.

Service under this schedule is also subject to the following conditions:

1. Customer owns/and or operates a Generation Facility fueled by solar, wind, biomass, geothermal, hydropower or represents fuel cell technology, with a total nameplate capacity rating of 25 kilowatts (kW) or less, that is connected in Parallel with the Idaho Power System.
2. The Generation Facility is interconnected to the Customer's individual electric system on the Customer's side of the Point of Delivery, thus all energy received and delivered by the Company is through the Company's existing watt-hour retail meter.
3. Customer meets all applicable requirements detailed in the Company's Schedule 68, Interconnections to Customer Distributed Energy Resources.

SCHEDULE 8  
SMALL GENERAL SERVICE  
ON-SITE GENERATION  
(Continued)

DEFINITIONS

Designated Meter is the retail meter physically connected to the Exporting System.

Distributed Energy Resource(s) (DER(s)) is a source of electric power that is not directly connected to the bulk power system. Any combination of Generation Facilities and/or Energy Storage Devices connected in Parallel is considered a DER.

Energy Storage Device is a device that captures energy produced at a point in time and stores the energy for use as electricity at a future point in time. An Energy Storage Device is a DER.

Exporting System is a Customer-owned DER under the terms of Schedules 6, 8, or 84, which is designed to provide for the transfer of electric energy to the Company. An Exporting System is interconnected to the Company's system under the applicable terms of Schedule 68.

Excess Net Energy means the positive difference between the kilowatt-hours (kWh) generated by a Customer and the kWh supplied by the Company over the applicable Billing Period.

Generation Facility means all equipment used to generate electric energy where the resulting energy is either delivered to the Company via a single meter at the Point of Delivery or is consumed by the Customer. A Generation Facility is a DER.

Interconnection Facilities are all facilities reasonably required by Prudent Electrical Practices and the applicable electric and safety codes to interconnect and safely deliver energy from the Generation Facility to the Point of Delivery.

Parallel connection means generating electricity from an on-site generation system that is connected to and receives voltage from Idaho Power's system.

Point of Delivery is the retail metering point where the Company's and the Customer's electrical facilities are interconnected to allow the Customer to take retail electric service from the Company.

Prudent Electrical Practices are those practices, methods, and equipment that are commonly used in prudent electrical engineering and operations to operate electric equipment lawfully and with safety, dependability, efficiency and economy.

Schedule 68 is the Company's service schedule which provides for interconnection to customer generation or its successor schedule(s) as approved by the Commission.

TYPE OF SERVICE

The type of service provided under this schedule is single and/or three-phase alternating current, at approximately 60 cycles and at the standard service voltage available at the Premises to be served.



SCHEDULE 8  
SMALL GENERAL SERVICE  
ON-SITE GENERATION  
(Continued)

CONDITIONS OF PURCHASE AND SALE

The conditions listed below shall apply to all transactions under this schedule.

1. Balances of generation and usage by the Customer:

a. If electricity supplied by the Company during the Billing Period exceeds the electricity generated by the Customer and delivered to the Company during the Billing Period, the Customer shall be billed for the net electricity supplied by the Company at the rates contained within this schedule, in accordance with normal metering practices.

b. If electricity generated by the Customer and delivered to the Company during the Billing Period exceeds the electricity supplied by the Company during the Billing Period, the Excess Net Energy shall be carried forward as a kWh credit to offset energy usage in a subsequent Billing Period. Excess Net Energy credits are subject to the following provisions:

i. Credits can only be used to offset billed kWh consumption. Customers shall be billed for all applicable non-energy charges for the Billing Period according to the applicable standard service schedule.

ii. Credits shall carry forward provided the Customer maintains electric service at the same Point of Delivery.

iii. Credits are non-transferrable in the event that a Customer relocates and/or discontinues service at the Point of Delivery associated with the Exporting System. Any unused credits will expire at the time the final bill is prepared.

c. Compensation for the balance of generation and usage by the Customer is subject to change upon Commission approval.

2. Aggregation of meters for the annual transfer of unused Excess Net Energy credits:

a. If a balance of Excess Net Energy credits exists at a Designated Meter at the end of the Customer's December Billing Period the Customer may request to transfer the unused credits to offset energy consumption at eligible meters. A meter is eligible for aggregation if it meets all of the following criteria:

i. The account subject to offset is held by the Customer; and

ii. The meter is located on, or contiguous to, the property on which the Designated Meter is located. For the purposes of this tariff, contiguous property includes property that is separated from the Premises of the Designated Meter by public or railroad rights of way; and

SCHEDULE 8  
SMALL GENERAL SERVICE  
ON-SITE GENERATION  
(Continued)

CONDITIONS OF PURCHASE AND SALE (Continued)

- iii. The meter is served by the same primary feeder as the Designated Meter at the time the Customer files the application for the Exporting System; and
- iv. The electricity recorded by the meter is for the Customer's requirements; and
- v. Credits may only be transferred to meters taking service under Schedule 1, Schedule 6, Schedule 7, or Schedule 8.
- b. Customers may submit requests to transfer Excess Net Energy credits between January 1 and January 31 of each year. All requests must be received by Idaho Power by midnight, Mountain Standard Time, on January 31. If a Customer does not request to transfer Excess Net Energy credits by the January 31 submission deadline Excess Net Energy credits will carry forward to offset consumption at the Designated Meter until they become eligible for transfer on January 1 of the following year.
- c. Requests to transfer Excess Net Energy credits must be executed by the Company no later than March 31. Transfers will be based on the balance of Excess Net Energy credits available at the time the transfer is made.
- d. If multiple meters are eligible for aggregation, Excess Net Energy credits must first be applied to the Designated Meter, then to eligible meters on the same rate schedule as the Designated Meter. Remaining Excess Net Energy credits may then be applied to offset consumption at eligible meters on differing rate schedules in accordance with Section 2a(v) above.
- e. A meter aggregation fee of \$10.00 will be assessed per aggregated meter per annual transfer transaction.
- 3. The Customer shall never deliver or attempt to deliver energy to the Company's system when the Company's system serving the Customer's Generation Facility is de-energized for any reason.
- 4. The Company shall not be liable directly or indirectly for permitting or continuing to allow an attachment of a Exporting System to the Company's system, or for the acts or omissions of the Customer that cause loss or injury, including death, to any third party.
- 5. The Customer is responsible for all costs associated with the Generation Facility and Interconnection Facilities. The Customer is also responsible for all costs associated with any Company additions, modifications, or upgrades to any Company facilities that the Company determines are necessary as a result of the installation of the Generation Facility in order to maintain a safe, reliable electrical system.
- 6. The Company shall not be obligated to accept, and the Company may require the Customer to curtail, interrupt, or reduce deliveries of energy if the Company, consistent with Prudent Electrical Practices, determines that curtailment, interruption, or reduction is necessary because of line construction or maintenance requirements, emergencies, or other critical operating conditions on its system.

SCHEDULE 8  
SMALL GENERAL SERVICE  
ON-SITE GENERATION  
(Continued)

CONDITIONS OF PURCHASE AND SALE (Continued)

7. If the Company is required by the Commission to institute curtailment of deliveries of electricity to its customers, the Company may require the Customer to curtail its consumption of electricity in the same manner and to the same degree as other Customers on the Company's standard service schedules.

8. The Customer shall grant to the Company all access to all Company equipment and facilities including adequate and continuing access rights to the property of the Customer for the purpose of installation, operation, maintenance, replacement, or any other service required of said equipment as well as all necessary access for inspection, switching, and any other operational requirements of the Customer's Interconnections Facilities.

9. The Customer shall notify the Company immediately if an Exporting System is permanently removed or disabled. Permanent removal or disablement for the purposes of this Schedule is any removal or disablement of an Exporting System lasting longer than six (6) months. Customers with permanently removed or disabled systems will be removed from service under this schedule and placed on the appropriate standard service schedule.

SUMMER AND NON-SUMMER SEASONS

The summer season begins on June 1 of each year and ends on August 31 of each year. The non-summer season begins on September 1 of each year and ends on May 31 of each year.

MONTHLY CHARGE

The Monthly Charge is the sum of the following charges, and may also include charges as set forth in Schedule 54 (Fixed Cost Adjustment), Schedule 55 (Power Cost Adjustment), Schedule 91 (Energy Efficiency Rider), Schedule 95 (Adjustment for Municipal Franchise Fees), and Schedule 98 (Residential and Small Farm Energy Credit).

The following charges are subject to change upon Commission approval:

	<u>Summer</u>	<u>Non-summer</u>
Service Charge, per month	\$5.00	\$5.00
Energy Charge, per kWh		
First 300 kWh	9.7281¢	9.7281¢
All Additional kWh	11.5862¢	10.2067¢

PAYMENT

The monthly bill rendered for service supplied hereunder is payable upon receipt, and becomes past due 15 days from the date on which rendered.

SCHEDULE 84  
CUSTOMER ENERGY PRODUCTION  
NET METERING SERVICE

AVAILABILITY

Service under this schedule is available throughout the Company's service territory within the State of Idaho for Customers intending to operate Exporting Systems to generate electricity to reduce all or part of their monthly energy usage.

**Effective June 1, 2018**, Schedule 84 is closed to service for Idaho residential and Idaho small general service customers.

APPLICABILITY

Service under this schedule is applicable to any Customer that:

1. Does not take service under Schedule 4 or Schedule 5; and
2. Owns and/or operates a Generation Facility fueled by solar, wind, biomass, geothermal, or hydropower, or represents fuel cell technology; and
3. Maintains its retail electric service account for the loads served at the Point of Delivery adjacent to the Generation Interconnection Point as active and in good standing; and
4. Meets all requirements applicable to Exporting Systems detailed in the Company's Schedule 68, Interconnections to Customer Distributed Energy Resources; and
5. Takes retail electric service under:
  - a. Schedule 1 or Schedule 7; and

Owns and/or operates a Generation Facility with a total nameplate capacity rating of 25 kilowatts (kW) or smaller that is interconnected to the Customer's individual electric system on the Customer's side of the Point of Delivery, thus all energy received and delivered by the Company is through the Company's existing watt-hour retail meter.

- b. Schedules other than Schedule 1, Schedule 4, Schedule 5, or Schedule 7; and

Owns and/or operates a Generation Facility with a total nameplate capacity rating of 100 kW or smaller that is interconnected at a Generation Interconnection Point that, at the Company's discretion, is located either adjacent to or on the Customer's side of the Point of Delivery and is metered through a meter that is separate from the retail load metering at the Customer's Point of Delivery. A separate meter from the existing retail load metering at the Customer's Point of Delivery is not required if the Customer meets the criteria below. The One Meter Option is available if:

- i. The Generation Facility has a total nameplate capacity rating of 25 kW or smaller; and
    - ii. The Generation Facility has a total nameplate capacity rating that is no more than 2% of the Customer's Basic Load Capacity (BLC) or comparable average maximum monthly Billing Demands.



SCHEDULE 84  
CUSTOMER ENERGY PRODUCTION  
NET METERING SERVICE

AVAILABILITY

Service under this schedule is available throughout the Company's service territory within the State of Idaho for Customers intending to operate Exporting Systems to generate electricity to reduce all or part of their monthly energy usage.

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APPLICABILITY

Service under this schedule is applicable to any Customer that:

1. Does not take service under Schedule 4 or Schedule 5; and
2. Owns and/or operates a Generation Facility fueled by solar, wind, biomass, geothermal, or hydropower, or represents fuel cell technology; and
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4. Meets all requirements applicable to Exporting Systems detailed in the Company's Schedule 68, Interconnections to Customer Distributed Energy Resources; and
5. Takes retail electric service under:
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Owns and/or operates a Generation Facility with a total nameplate capacity rating of 25 kilowatts (kW) or smaller that is interconnected to the Customer's individual electric system on the Customer's side of the Point of Delivery, thus all energy received and delivered by the Company is through the Company's existing watt-hour retail meter.

- b. Schedules other than Schedule 1, Schedule 4, Schedule 5, or Schedule 7; and

Owns and/or operates a Generation Facility with a total nameplate capacity rating of 100 kW or smaller that is interconnected at a Generation Interconnection Point that, at the Company's discretion, is located either adjacent to or on the Customer's side of the Point of Delivery and is metered through a meter that is separate from the retail load metering at the Customer's Point of Delivery. A separate meter from the existing retail load metering at the Customer's Point of Delivery is not required if the Customer meets the criteria below. The One Meter Option is available if:

- i. The Generation Facility has a total nameplate capacity rating of 25 kW or smaller; and
    - ii. The Generation Facility has a total nameplate capacity rating that is no more than 2% of the Customer's Basic Load Capacity (BLC) or comparable average maximum monthly Billing Demands.

SCHEDULE 84  
CUSTOMER ENERGY PRODUCTION  
NET METERING SERVICE  
(Continued)

DEFINITIONS

Basic Load Capacity (BLC) is the average of the two greatest non-zero monthly Billing Demands established during the 12-month period which includes and ends with the current Billing Period.

Designated Meter is the retail meter physically connected to the Exporting System.

Distributed Energy Resource(s) (DER(s)) is a source of electric power that is not directly connected to the bulk power system. Any combination of Generation Facilities and/or Energy Storage Devices connected in Parallel is considered a DER.

Energy Storage Device is a device that captures energy produced at a point in time and stores the energy for use as electricity at a future point in time. An Energy Storage Device is a DER.

Exporting System is a Customer-owned DER under the terms of Schedules 6, 8, or 84, which is designed to provide for the transfer of electric energy to the Company. An Exporting System is interconnected to the Company's system under the applicable terms of Schedule 68.

Excess Net Energy means the positive difference between the kilowatt-hours (kWh) generated by a Customer and the kWh supplied by the Company over the applicable Billing Period.

Generation Facility means all equipment used to generate electric energy where the resulting energy is either delivered to the Company via a single meter at the Point of Delivery or Generation Interconnection Point, or is consumed by the Customer.

Generation Interconnection Point is the point where the conductors installed to allow receipt of the Customer's generation connect to the Company's facilities adjacent to the Customer's Point of Delivery.

Interconnection Facilities are all facilities reasonably required by Prudent Electrical Practices and the applicable electric and safety codes to interconnect and safely deliver energy from the Generation Facility to the Point of Delivery or Generation Interconnection Point.

Point of Delivery is the retail metering point where the Company's and the Customer's electrical facilities are interconnected to allow the Customer to take retail electric service from the Company.

Prudent Electrical Practices are those practices, methods and equipment that are commonly used in prudent electrical engineering and operations to operate electric equipment lawfully and with safety, dependability, efficiency and economy.

Schedule 68 is the Company's service schedule which provides for interconnection to customer generation or its successor schedule(s) as approved by the Commission.

MONTHLY BILLING

The Customer shall be billed in accordance with the Customer's applicable standard service schedule, including appropriate monthly charges.

SCHEDULE 84  
CUSTOMER ENERGY PRODUCTION  
NET METERING SERVICE  
(Continued)

CONDITIONS OF PURCHASE AND SALE

The conditions listed below shall apply to all transactions under this schedule.

1. Balances of generation and usage by the Customer:

a. If electricity supplied by the Company during the Billing Period exceeds the electricity generated by the Customer and delivered to the Company during the Billing Period, the Customer shall be billed for the net electricity supplied by the Company at the Customer's standard schedule retail rate, in accordance with normal metering practices.

b. Effective at the beginning of each Customer's January 2014 Billing Period, if electricity generated by the Customer and delivered to the Company during the Billing Period exceeds the electricity supplied by the Company during the Billing Period, the Excess Net Energy shall be carried forward as a kWh credit to offset energy usage in a subsequent Billing Period. Excess Net Energy credits are subject to the following provisions:

i. Credits can only be used to offset billed kWh consumption. Customers shall be billed for all applicable non-energy charges for the Billing Period according to the applicable standard service schedule.

ii. Credits shall carry forward provided the Customer maintains electric service at the same Point of Delivery.

iii. Credits are non-transferrable in the event that a Customer relocates and/or discontinues service at the Point of Delivery associated with the Exporting System. Any unused credits will expire at the time the final bill is prepared.

2. Aggregation of meters for the annual transfer of unused Excess Net Energy credits:

a. If a balance of Excess Net Energy credits exists at a Designated Meter at the end of the Customer's December Billing Period the Customer may request to transfer the unused credits to offset energy consumption at eligible meters. A meter is eligible for aggregation if it meets all of the following criteria:

i. The account subject to offset is held by the Customer; and

ii. The meter is located on, or contiguous to, the property on which the Designated Meter is located. For the purposes of this tariff, contiguous property includes property that is separated from the Premises of the Designated Meter by public or railroad rights of way; and

iii. The meter is served by the same primary feeder as the Designated Meter at the time the Customer files the application for the Exporting System; and

SCHEDULE 84  
CUSTOMER ENERGY PRODUCTION  
NET METERING SERVICE  
(Continued)

CONDITIONS OF PURCHASE AND SALE (Continued)

iv. The electricity recorded by the meter is for the Customer's requirements;  
and

v. For Customers taking service under Schedule 1 or Schedule 7, credits may only be transferred to meters taking service under Schedule 1 or Schedule 7. For Customers taking service under Schedule 9, Schedule 19, or Schedule 24, credits may only be transferred to meters taking service under Schedule 9, Schedule 19, or Schedule 24.

b. Customers may submit requests to transfer Excess Net Energy credits between January 1 and January 31 of each year. All requests must be received by Idaho Power by midnight, Mountain Standard Time, on January 31. If a Customer does not request to transfer Excess Net Energy credits by the January 31 submission deadline Excess Net Energy credits will carry forward to offset consumption at the Designated Meter until they become eligible for transfer on January 1 of the following year.

c. Requests to transfer Excess Net Energy credits must be executed by the Company no later than March 31. Transfers will be based on the balance of Excess Net Energy credits available at the time the transfer is made.

d. If multiple meters are eligible for aggregation, Excess Net Energy credits must first be applied to the Designated Meter, then to eligible meters on the same rate schedule as the Designated Meter. Remaining Excess Net Energy credits may then be applied to offset consumption at eligible meters on differing rate schedules in accordance with Section 2a(v) above.

e. A meter aggregation fee of \$10.00 will be assessed per aggregated meter per annual transfer transaction.

3. The Customer shall never deliver or attempt to deliver energy to the Company's system when the Company's system serving the Customer's Generation Facility is de-energized for any reason.

4. The Company shall not be liable directly or indirectly for permitting or continuing to allow an attachment of an Exporting System to the Company's system, or for the acts or omissions of the Customer that cause loss or injury, including death, to any third party.

5. The Customer is responsible for all costs associated with the Generation Facility and Interconnection Facilities. The Customer is also responsible for all costs associated with any Company additions, modifications, or upgrades to any Company facilities that the Company determines are necessary as a result of the installation of the Generation Facility in order to maintain a safe, reliable electrical system.



SCHEDULE 84  
CUSTOMER ENERGY PRODUCTION  
NET METERING SERVICE  
(Continued)

CONDITIONS OF PURCHASE AND SALE (Continued)

6. The Company shall not be obligated to accept, and the Company may require the Customer to curtail, interrupt or reduce deliveries of energy if the Company, consistent with Prudent Electrical Practices, determines that curtailment, interruption or reduction is necessary because of line construction or maintenance requirements, emergencies, or other critical operating conditions on its system.

7. If the Company is required by the Commission to institute curtailment of deliveries of electricity to its customers, the Company may require the Customer to curtail its consumption of electricity in the same manner and to the same degree as other Customers on the Company's standard service schedules.

8. The Customer shall grant to the Company all access to all Company equipment and facilities including adequate and continuing access rights to the property of the Customer for the purpose of installation, operation, maintenance, replacement or any other service required of said equipment as well as all necessary access for inspection, switching and any other operational requirements of the Customer's Interconnection Facilities.

9. The Customer shall notify the Company immediately if an Exporting System is permanently removed or disabled. Permanent removal or disablement for the purposes of this schedule is any removal or disablement of an Exporting System lasting longer than six (6) months. Customers with permanently removed systems will be removed from service under this schedule and placed on the appropriate standard service schedule.