

**PACIFIC POWER & LIGHT COMPANY**  
**LARGE GENERAL SERVICE**  
**PARTIAL REQUIREMENTS – 1,000 KW AND OVER**  
**DELIVERY SERVICE**

**OREGON**  
**SCHEDULE 47**

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**Available**

In all territory served by the Company in the State of Oregon.

**Applicable**

To Large Nonresidential Consumers supplying all or some portion of their load by self-generation operating on a regular basis, requiring standby electric service from the Company where the Consumer's self-generation has both a total nameplate rating of 1,000 kW or greater and where standby electric service is required for 1,000 kW or greater. Consumers requiring standby electric service from the Company for less than 1,000 kW shall be served under the applicable general service schedule.

If Consumer elects to receive Supply Service from an ESS, Delivery Service shall be provided under Schedule 747, Direct Access Delivery Service.

**Monthly Billing**

The Monthly Billing shall be the sum of the Distribution Charge, Reserves Charge and Transmission & Ancillary Services Charge plus applicable adjustments as specified in Schedule 90.

	<u>Delivery Voltage</u>		
	<u>Secondary</u>	<u>Primary</u>	<u>Transmission</u>
<b><u>Distribution Charge</u></b>			
<b>Basic Charge</b>			
Facility Capacity <= 4,000 kW, per month	\$310.00	\$270.00	\$260.00
Facility Capacity > 4,000 kW, per month	\$580.00	\$480.00	\$480.00
<b>Facilities Charge</b>			
<=4,000 kW, per kW Facility Capacity	\$1.75	\$0.85	\$0.45
> 4,000 kW, per kW Facility Capacity	\$1.60	\$0.80	\$0.45
On-Peak Demand Charge, per kW	\$1.31	\$1.43	\$0.78
<b>Reactive Power Charges</b>			
Per kvar	\$0.65	\$0.60	\$0.55
Per kVarh	\$0.0008	\$0.0008	\$0.0008
<b><u>Reserves Charges</u></b>			
<b>Spinning Reserves</b>			
per kW of Facility Capacity	\$0.27	\$0.27	\$0.27
<b>Spinning Reserves (with Company-approved Self-Supply Agreement)</b>			
per kW of Spinning Reserves Level	(\$0.27)	(\$0.27)	(\$0.27)
<b>Supplemental Reserves</b>			
per kW of Facility Capacity	\$0.27	\$0.27	\$0.27
<b>Supplemental Reserves (with Company-approved Load Reduction Plan or Self-Supply Agreement)</b>			
per kW of Supplemental Reserves Level	(\$0.27)	(\$0.27)	(\$0.27)
<b><u>Transmission &amp; Ancillary Services Charge</u></b>			
per kW of On-Peak Demand	\$0.97	\$1.05	\$1.40

(continued)

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Issued By  
 Andrea L. Kelly, Vice President, Regulation

**PACIFIC POWER & LIGHT COMPANY**  
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**On-Peak Demand**

The kW shown by or computed from the readings of the Company's demand meter for the On-Peak 15-minute period of the Consumer's greatest use during the month, determined to the nearest kW. On-Peak hours are between 6:00 a.m. and 10:00 p.m. Pacific Prevailing Time (PPT) Monday through Saturday, excluding North American Electric Reliability Council (NERC) holidays.

Due to the expansions of Daylight Saving Time (DST) as adopted under Section 110 of the U.S. Energy Policy Act of 2005, the time periods shown above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April and for the period between the last Sunday in October and the first Sunday in November.

**Metering Adjustment**

A Consumer receiving service at secondary delivery voltage where metering is at primary delivery shall have all billing quantities multiplied by an adjustment factor of 0.9723.

A Consumer receiving service at primary delivery voltage where metering is at secondary delivery voltage shall have all billing quantities multiplied by an adjustment factor of 1.0285.

**Baseline Demand**

The kW of Demand supplied by the Company to the Large Nonresidential Consumer when the Consumer's generator is regularly operating as planned by the Consumer. For new Partial Requirements Consumers, the Consumer's peak Demand for the most recent 12 months prior to installing the generator, adjusted for planned generator operations, shall be used to calculate the Baseline Demand. Existing Partial Requirements Consumers shall select their Baseline Demand for each contract term based upon the Consumer's peak demand for the most recent 12 months during the times the generator was operating as planned, adjusted for changes in load and planned generator operations. Planned generator operations includes changes in the electricity produced by the generator as well as the Consumer's plans to sell any electricity produced by the generator to the Company or third parties. Any modification to the Baseline Demand must be consistent with Special Conditions in this schedule.

**Facility Capacity**

Facility Capacity shall be the average of the two greatest non-zero monthly Demands established during the 12 month period which includes and ends with the current Billing Month, but shall not be less than the Consumer's Baseline Demand. For new customers during the first three months of service under this schedule, the Facility Capacity will be equal to the Consumer's Baseline Demand.

**Reserves Charges**

The Company provides Reserves for the Consumer's Facility Capacity. Reserves consist of the following components:

**Spinning Reserves**

In addition to the Spinning Reserves provided for the Consumer's Baseline Demand, Spinning Reserves provide Electricity immediately after a Consumer's demand rises above Baseline Demand.

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**Reserve Charges (continued)**

**Supplemental Reserves**

In addition to the Supplemental Reserves provided for the Consumer's Baseline Demand, Supplemental Reserves provide Electricity within the first ten minutes after a Consumer's demand rises above Baseline Demand.

**Spinning Reserves Level**

The level of load for which spinning reserves are being supplied by Consumer.

**Supplemental Reserves Level**

The level of load for which supplemental reserves are being supplied by Consumer.

**Self-Supply Agreement**

Consumers with Nameplate Generation of 15 MW or greater may self-supply needed Spinning Reserves, Supplemental Reserves, or both, from such generation, upon agreement between Consumer and the Company. The Self Supply Agreement shall specify the kW of Spinning Reserves, Supplemental Reserves, or both provided by the Consumer, which shall equal 3.5 percent of the Spinning Reserves Level for Spinning Reserves and 3.5 percent of the Supplemental Reserves Level for Supplemental Reserves. The Self Supply Agreement also shall specify the notification processes for delivery of Reserves, the requirements for Consumer delivery of requested Reserves, the requirements for Consumer notification to Company of any changes in the ability to self-supply Reserves, the settlement process to be used when Reserves are supplied by the Consumer, the provisions for a demonstration of such capability, any additional metering requirements and other necessary notification, plant and financial requirements. For Consumers who self-supply Reserves, Reserves kW credits will be applied to Consumer's bill based on the kW amount of the Spinning Reserves Level for Self-Supplied Spinning Reserves, Supplemental Reserves Level for Supplemental Reserves or both as specified in the Self Supply Agreement.

**Supplemental Reserves Load Reduction Plan**

In lieu of self supplying of Supplemental Reserves through a Self-Supply Agreement, a Consumer may provide Supplemental Reserves through the submittal to the Company of a Load Reduction Plan that demonstrates the ability to reduce load within the first ten minutes of generator failure and specifies a kW amount of load reduction equal to 3.5 percent of the Supplemental Reserves Level. The Load Reduction Plan also shall specify the notification processes for delivery of Reserves, the requirements for Consumer delivery of requested Reserves, the requirements for Consumer notification to Company of any changes in the ability to Supply Supplemental Reserves, the settlement process to be used when Reserves are supplied by the Consumer, the provisions for a demonstration of such capability, any additional metering requirements and other necessary notification, plant and financial requirements. The Consumer's Load Reduction Plan must be approved by the Company. If approved by the Company, and adhered to by the Consumer, a Supplemental Reserves kW credit will be applied to Consumer's bill based on the Supplemental Reserves Level as specified in the Load Reduction Plan.

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D. Douglas Larson, Vice President, Regulation

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**Reserve Charges (continued)**

**Supplemental Reserves Load Reduction Plan (continued)**

If Consumer fails to follow the Company-approved Load Reduction Plan, all kW credits for the subsequent three months (Penalty Period) shall be forfeited. If the Consumer satisfactorily follows the Company-approved Load Reduction Plan during the Penalty Period the load reduction plan kW credit will be reinstated at the end of the three month Penalty Period.

If the Consumer fails to follow the Company-approved Load Reduction Plan during the Penalty Period, all kW credits for an additional three months period shall be forfeited. If the Consumer satisfactorily follows the Company-approved Load Reduction Plan during the second three month Penalty Period, the load reduction plan kW credit will be reinstated at the end of the second three month Penalty Period.

If the Consumer fails to follow the Company-approved Load Reduction Plan a second time during the combined six month period, the Load Reduction Plan shall be terminated.

The duration of the Penalty Period shall not be limited by the establishment of a new contract.

Following termination or contract expiration, Consumer may submit a new Load Reduction Plan to the Company. Company will approve the new Load Reduction Plan if the Consumer is able to demonstrate the load reduction capability of the Plan to Company's satisfaction.

Notwithstanding the above, Consumer may terminate the Company-approved Load Reduction Plan upon giving written notice to Company as provided in the Self-Supply Agreement.

**Supply Service**

A Consumer taking Delivery Service under this Schedule shall be served under the terms of Supply Service Schedule 247.

**Reactive Power Charges**

Per kVar. Equal to the maximum 15-minute reactive demand (kVar) for the month in kilovolt-amperes in excess of 40% of the monthly registered demand.

Per kVarh. Equal to all reactive kilovolt-ampere hours (kVarh) registered in excess of 40% of the registered monthly kilowatt-hours (kWh).

**Minimum Charge**

The Minimum Charge shall be the Monthly Billing as defined in this Schedule. In addition, the Company may require a higher Minimum Charge, if necessary, to recover the Company's investment in service Facilities.

**Special Conditions**

1. Prior to receiving service under this schedule, the Consumer and the Company must enter into a written agreement specifying the terms and conditions of service, the Consumer's Baseline Demand, Supply Service option, the Company's and Consumer's contact information, and any other information necessary for implementation of service under this schedule. These terms and conditions shall be consistent with this schedule.

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**Special Conditions (continued)**

2. A Consumer must inform the Company within thirty minutes of taking Unscheduled Energy at a rate of 5 MW or greater; such notice must include the anticipated time that the generator will return to normal operations.
3. Consumers must have Company approved interval metering and meter communications in place prior to initiation of service under this schedule. The Company requires metering that measures the net quantity and direction of flow at the Point of Delivery and total Generator output.
4. If the Consumer is served at Primary or Transmission Voltage, the Consumer shall provide, install, and maintain on the Consumer's premises all necessary transformers to which the Company's service is directly or indirectly connected. The Consumer also shall provide, install, and maintain the necessary switches, cutouts, protection equipment, and the necessary wiring on both sides of the transformers. All transformers, equipment, and wiring shall be of types and characteristics approved by the Company, and their installation, operation and maintenance will be subject to inspection and approval by the Company.
5. If during a Billing Month, the Consumer is billed for Transmission & Ancillary Services under this schedule and Transmission Services under the Company's FERC Open Access Transmission Tariff (OATT) for the purpose of effecting a wholesale power sale from the Consumer's generator, the payments for OATT charges for Transmission Service (Schedule 7 or 8) and Regulation and Frequency Response Service (Schedule 3) will be credited to the Transmission & Ancillary Services Charge under this schedule. The credit will be the product of (A x B) plus C, where:
  - A = the lesser of the OATT transmission reservation or the Schedule 47 On-Peak Demand;
  - B = the applicable OATT Transmission Service charge under Schedule 7 or 8;
  - C = the applicable OATT Regulation and Frequency Response Service monthly charge billed to the customer under Schedule 3;and such credit shall not exceed the Transmission & Ancillary Services Charge incurred under this schedule.
6. Power and energy sold by Company to Consumer shall not be resold.
7. A Consumer's failure to inform the Company of the use of on-site generation shall not relieve the Consumer of responsibility for the charges and requirements under this schedule.
8. The Consumer's Baseline Demand may be modified as requested by the Consumer upon the addition of permanent energy efficiency measures, load shedding, or the addition or removal of equipment or permanent or long-term changes in loads or generator operations. The Consumer's Baseline Demand may be modified by the Company if the Company determines that the Consumer's Baseline Demand does not reflect load adjusted for the actual Consumer generation.
9. The Company reserves the right to modify any agreements existing under this schedule as a result of changes in Western Electricity Coordinating Council, NERC and FERC guidelines.

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**Special Conditions (continued)**

10. Service taken under the terms of Schedule 76R and Schedule 276R shall not affect the monthly readings for the Facilities Capacity, the On-Peak Demand Charge, or the Transmission & Ancillary Services Charge utilized for rendering the Monthly Billing for Schedule 47, nor shall they affect charges under Schedule 247.

**Term**

The term shall be one year and may be longer as mutually agreed to between Company and Consumer.

**Rules and Regulations**

Service and rates under this Schedule are subject to the General Rules and Regulations contained in the tariff of which this schedule is a part and to those prescribed by regulatory authorities.

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