

**Docket No. UE-141335**  
**Petitioners' Exhibit List**

**Witness: Jason M. Sanders**

**Tab**

1. PSE's Response to WUTC Staff Data Request No. 005
2. PSE's Response to WUTC Staff Data Request No. 018
3. PSE's First Revised Response to WUTC Staff Data Request No. 039

**BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**Docket No. UE-141335  
Puget Sound Energy, Inc.'s  
Petition for Declaratory Order of King County et al.  
Regarding Maloney Ridge Line**

**WUTC STAFF DATA REQUEST NO. 005**

**WUTC STAFF DATA REQUEST NO. 005:**

**Background Information**

Please provide the minutes of all meetings between PSE and the parties (whether individually or as a group) and any related materials, such as maps, spreadsheets, and diagrams, regarding the reliability of the Maloney Ridge Line.

**Response:**

Attached as Attachment A to Puget Sound Energy, Inc.'s ("PSE") Response to WUTC Staff Data Request No. 005, please find 54 electronic communications of meeting minutes, maps, spreadsheets, diagrams and related material, regarding the reliability of the Maloney Ridge Line during the period of 2012 and 2013.

Due to its large size, Attachment A to PSE's Response to WUTC Staff Data Request No. 005 is provided in electronic format only.

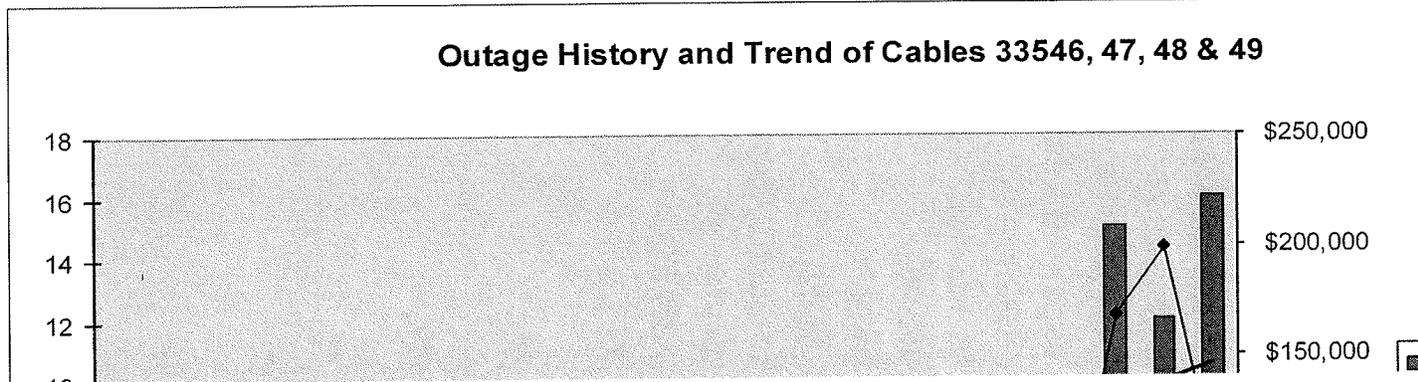
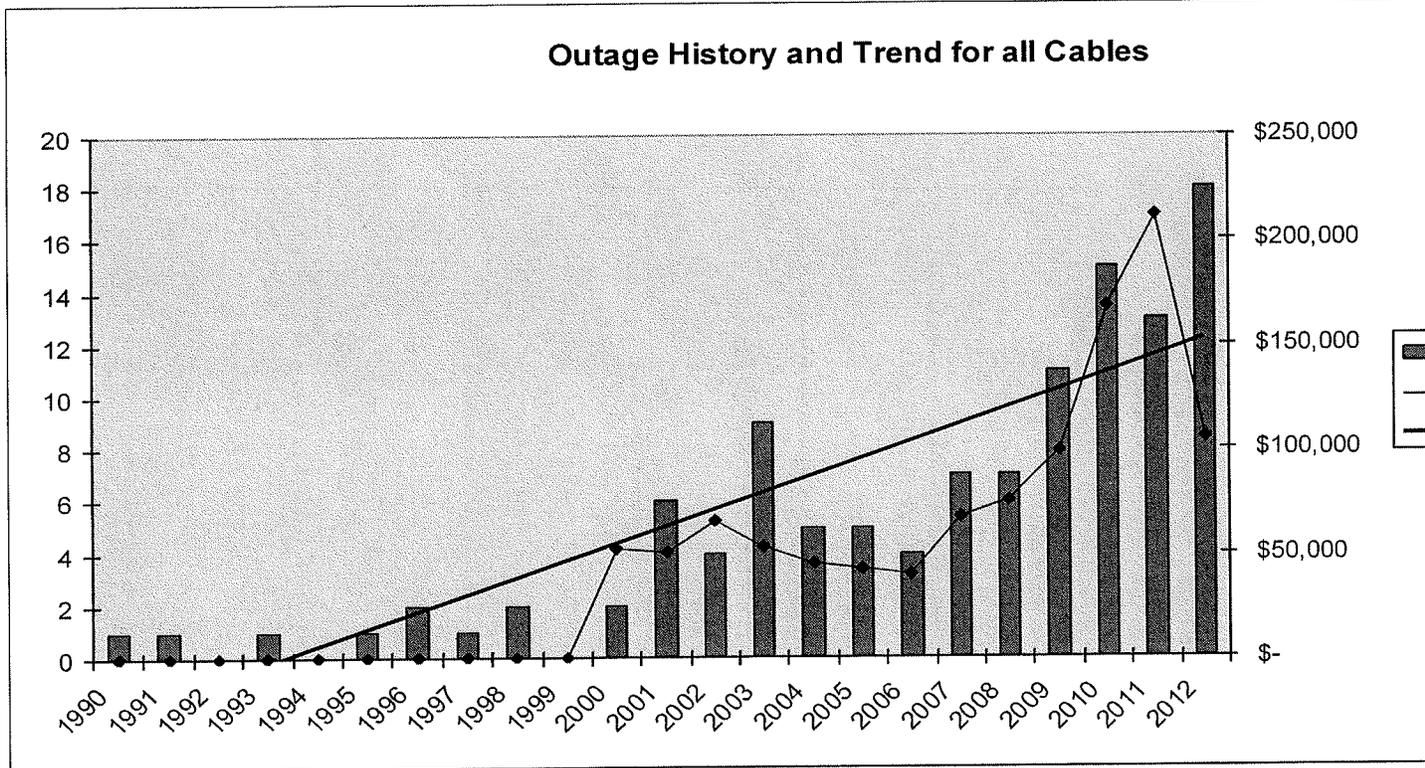
**ATTACHMENT A to PSE's Response to  
WUTC STAFF Data Request No. 005 is  
provided in electronic format only**

Outage history for all cables				
Year	Outages by year	Cost by year	Avg cost per outage	Duration in minutes
2000	2	\$ 52,140	\$ 26,070	-
2001	6	\$ 50,802	\$ 8,467	6605
2002	4	\$ 65,205	\$ 16,301	3186
2003	9	\$ 53,583	\$ 5,954	7043
2004	5	\$ 45,049	\$ 9,010	6160
2005	5	\$ 42,828	\$ 8,566	4341
2006	4	\$ 39,742	\$ 9,935	4585
2007	7	\$ 67,749	\$ 9,678	7769
2008	7	\$ 75,385	\$ 10,769	6883
2009	11	\$ 99,347	\$ 9,032	9025
2010	15	\$ 168,466	\$ 11,231	10766
2011	13	\$ 211,664	\$ 16,282	13535
2012	18	\$ 105,831	\$ 5,880	14674

Total 115 \$ 1,077,791

Outage history for cables 33546,			
Year	Outages by year	Cost by year	Avg per
2000	0	\$ -	
2001	6	\$ 50,802	\$
2002	2	\$ 14,435	\$
2003	8	\$ 46,706	\$
2004	4	\$ 37,518	\$
2005	4	\$ 36,058	\$
2006	3	\$ 31,911	\$
2007	6	\$ 59,792	\$
2008	4	\$ 41,456	\$
2009	8	\$ 70,512	\$
2010	15	\$ 168,466	\$
2011	12	\$ 198,647	\$
2012	16	\$ 100,829	\$

Total 93 \$ 857,131  
 Percent of total outages 81%  
 Percent of total cost 80%





## **Maloney Ridge Maintenance Options**

**2-3:00pm, 2/14/2013, PSE East Building Kelvin Conference Room**

### **~AGENDA~**

2:00 - 2:05	Welcome and Introductions
2:05 - 2:10	Project Overview
2:10 – 2:20	Project Milestones
2:20 –2:30	Maintenance Options
2:30 – 2:40	Permitting
2:40 – 2:50	Option Discussion
2:50 – 2:55	Next steps
2:55 – 3:00	Conclusion



## **Maloney Ridge – Electrical Service Next Steps**

**10 - 11:00am, 3/18/2013, Online Meeting**

**Call in #: 1-888-960-5962**

**Conf ID: 922016**

### **~AGENDA~**

- |               |                                       |
|---------------|---------------------------------------|
| 10:00 - 10:05 | Welcome and Introductions             |
| 10:05 - 10:15 | Answer Questions                      |
| 10:15 – 10:25 | Maintenance option picked by customer |
| 10:25 – 10:35 | Next steps                            |
| 10:35 – 10:40 | Conclusion                            |



## Maloney Ridge Maintenance Options Meeting Notes

2-3:00pm, 2/14/2013, PSE East Building Kelvin Conference Room

### Attendees

Name	Dept	Call in	In Person	E-Mail Address
Jason Sanders	PSE		✓	<a href="mailto:jason.sanders@pse.com">jason.sanders@pse.com</a>
Larry Berdan	PSE		✓	<a href="mailto:larry.berdan@pse.com">larry.berdan@pse.com</a>
Rich Adams	PSE		✓	<a href="mailto:rich.adams@pse.com">rich.adams@pse.com</a>
Jenny Boyer	PSE		✓	<a href="mailto:jennifer.Boyer@pse.com">jennifer.Boyer@pse.com</a>
Molly Reed	PSE		✓	<a href="mailto:molly.reed@pse.com">molly.reed@pse.com</a>
Andy Markos	PSE		✓	<a href="mailto:andy.markos@pse.com">andy.markos@pse.com</a>
Dave Schumacher	Potelco	✓		<a href="mailto:david.schumacher@pse.com">david.schumacher@pse.com</a>
Eric Holmgren	Potelco	✓		<a href="mailto:eholmgren@potelco.net">eholmgren@potelco.net</a>
Denise Lorenz	Strata Inc	✓		<a href="mailto:dlorenz@statainc.com">dlorenz@statainc.com</a>
Gloria Atchison	BPA	✓		<a href="mailto:gatchison@bba.gov">gatchison@bba.gov</a>
Ron Sallabedra	AT&T	✓		<a href="mailto:rs3418@att.com">rs3418@att.com</a>
Shirley Vangen	Verizon		✓	<a href="mailto:shirley.vangen@verizonwireless.com">shirley.vangen@verizonwireless.com</a>
Rob Dutcher	Frontier	✓		<a href="mailto:rob.dutcher@fr.com">rob.dutcher@fr.com</a>
Tim Dougherty	Frontier	✓		<a href="mailto:tim.j.dougherty@fr.com">tim.j.dougherty@fr.com</a>
Bill North	Verizon		✓	
Dalen Wintermute	BNSF	✓		
Sean Pullman	AT&T	✓		
Tony Minor	King County	✓		<a href="mailto:anthony.minor@kingcounty.gov">anthony.minor@kingcounty.gov</a>

### AGENDA:

Welcome and Introductions – Jason Sanders

Project Overview – Rich Adams

Service to the Maloney and Sobieski communication sites is provided by approximately 8.5 miles of single phase 15kV underground cable originally trenched and plowed up the Foss River Road to the sites in 1971 or 1972. The system has had over 100 cable faults since it was originally installed. The number of outages has been increasing over the years and it is anticipated that frequency and duration will continue to increase. Weather, environmental conditions, age of the cable and splices decreases system reliability and without a replacement of the system, the cables will ultimately fail.

Project Milestones – Molly Reed

- Mid-March customers have selected a maintenance option



- End of March, PSE submits applicable permits with Forest Service based on maintenance option (Forest Service needs full summer for field investigation)
- End of year 2013/early 2014, Forest Service issues Decision Memo or Environmental Analysis for construction activities
- July 2014 Construction activities start

#### Maintenance Options – Molly Reed

PSE presented 7 maintenance options with projected costs as well as assumptions, influences on cost, costs not included in estimate and customers to share the maintenance cost. Two of the options were more out of the box thoughts and after sharing those with the customers they were not viable and will not be included in future discussions.

Attached is the list of maintenance options that provide more detailed breakdown, a color coded map to show which sections are being discussed for each option and the assumptions have been fixed. The only option not shown is the “do nothing” option. And just as a reminder, if the system does become unrepairable, depending on timing; it will be approximately 2 years before construction can begin. The Forest Service needs the summer months to conduct their field research and issue a decision memo. Construction would be that following summer season or when the snow allows construction to start.

#### Permitting – Molly Reed

The sooner an option is picked then PSE will know how to proceed with permitting. To submit a permit with the Forest Service they will require a design, which is why we can't just proceed with submitting an application. The Forest Service is limited with personnel and things are a first come basis. The sooner a permit is submitted the more likely we are to secure those resources for this summer and have a decision by end of the year 2013.

#### Option Discussion – Open

Customers asked if the estimates could go up. The answer is yes. These estimates are only conceptual in nature at this point. All known assumptions and risks have been included. At this point no engineering has been done which makes it difficult to start too narrow down the cost. Once an option has been decided by the customers, a more refined estimate can be generated.

The customers also asked what type of contingency plan had been thought about for supplying power during outages to replace the cables. There are several options for constructing these options. Once a maintenance option is narrowed down or selected, PSE would want to work with all the customers to find a plan that works for everyone.

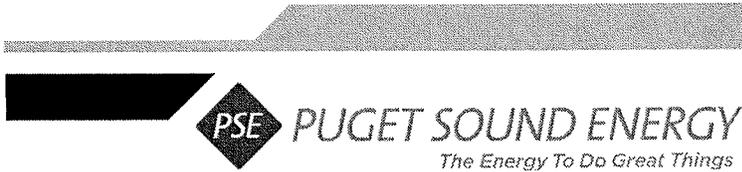
#### Next steps – Jason Sanders

The customers need to discuss amongst themselves the options and associated costs and come to an agreeable solution. Jason is going to set up another meeting mid March to discuss if an option has been selected so PSE can proceed with permitting.

#### Conclusion – Jason Sanders



Jason concluded the meeting with his thanks to everyone's for their participation and patience as we work these options.



## Maloney Ridge Electrical Service Next Steps Meeting Notes

10-11:00am, Call-in 1-888-960-5962, Conf. ID: 922016

### Attendees

Name	Dept	Call in	In Person	E-Mail Address
Jason Sanders	PSE		✓	<a href="mailto:jason.sanders@pse.com">jason.sanders@pse.com</a>
Larry Berdan	PSE		✓	<a href="mailto:larry.berdan@pse.com">larry.berdan@pse.com</a>
Rich Adams	PSE		✓	<a href="mailto:rich.adams@pse.com">rich.adams@pse.com</a>
Molly Reed	PSE		✓	<a href="mailto:molly.reed@pse.com">molly.reed@pse.com</a>
Dave Schumacher	Potelco	✓		<a href="mailto:david.schumacher@pse.com">david.schumacher@pse.com</a>
Eric Holmgren	Potelco	✓		<a href="mailto:eholmgren@potelco.net">eholmgren@potelco.net</a>
Denise Lorenz	Strata Inc	✓		<a href="mailto:dlorenz@statainc.com">dlorenz@statainc.com</a>
Adelmo de la Cruz	BPA	✓		<a href="mailto:aadelacruz@bpa.gov">aadelacruz@bpa.gov</a>
Ron Sallabedra	AT&T	✓		<a href="mailto:rs3418@att.com">rs3418@att.com</a>
Shirley Vangen	Verizon	✓		<a href="mailto:shirley.vangen@verizonwireless.com">shirley.vangen@verizonwireless.com</a>
Heather Campbell	Verizon	✓		<a href="mailto:Heather.Campbell3@verizonwireless.com">Heather.Campbell3@verizonwireless.com</a>
Marcus Wellsandt	Verizon	✓		<a href="mailto:Marcus.wellsandt@verizonwireless.com">Marcus.wellsandt@verizonwireless.com</a>
James McPherson	Verizon	✓		<a href="mailto:James.mcpherson@verizonwireless.com">James.mcpherson@verizonwireless.com</a>
David Schultz	Verizon	✓		<a href="mailto:David.schultz@verizonwireless.com">David.schultz@verizonwireless.com</a>
Rob Dutcher	Frontier	✓		<a href="mailto:rob.dutcher@ftr.com">rob.dutcher@ftr.com</a>
Sean Pullman	AT&T	✓		

### Meeting Notes:

Welcome and Introductions – Jason Sanders

### Overview:

Service to the Maloney and Sobieski communication sites is provided by approximately 8.5 miles of single phase 15kV underground cable originally trenched and plowed up the Foss River Road to the sites in 1971 or 1972. The system has had over 100 cable faults since it was originally installed. The number of outages has been increasing over the years and it is anticipated that frequency and duration will continue to increase. Weather, environmental conditions, age of the cable and splices decreases system reliability and without a replacement of the system, the cables will ultimately fail.

### Project Milestones:

- Mid-April customers have selected a maintenance option



- End of April, PSE submits applicable permits with Forest Service based on maintenance option (Forest Service needs full summer for field investigation)
- End of year 2013/early 2014, Forest Service issues Decision Memo or Environmental Analysis for construction activities
- July 2014 Construction activities start

**Questions:**

Several questions were asked about the rate tariffs, current contract, the percent breakdown per customer for each option and the outage history and associated maintenance costs per year.

Attached to this pdf is:

Rate Tariffs

Contract

Percent breakdown per customer

Outage history and costs

Maloney Ridge Maintenance Estimates for each Option

The question was also asked which option PSE would recommend at this time. PSE recommends option 3 (see attached PDF of options), which replaces the 4 segments of cable with the largest number of outages. Replacing these 4 segments will increase the reliability of the whole system. PSE does want to note that the other cable segments that were not replaced now will need to be replaced at some point down the road.

At the last meeting the question was asked if the estimates could go up. The answer is yes. These estimates are only conceptual in nature at this point. All known assumptions and risks have been included. At this point no engineering has been done which makes it difficult to start too narrow down the cost. Once an option has been decided by the customers, a more refined estimate can be generated.

**Maintenance Option picked by Customers:**

All customers at this point indicated that they are still having internal discussions and have not decided on any option.

**Next Steps:**

The customers need to complete internal discussions and a discussion amongst themselves about the options and associated costs and come to an agreeable solution. Jason is going to set up another meeting mid April to discuss if an option has been selected so PSE can proceed with permitting.

**Conclusion:**

Jason concluded the meeting with his thanks to everyone's for their participation and patience as we work these options.

AGREEMENT RELATING TO  
EXTENSION OF ELECTRICAL SERVICE

AGREEMENT made this 23 day of SEPTEMBER, 1971  
by and between PUGET SOUND POWER & LIGHT COMPANY ("Puget") and  
GENERAL TELEPHONE COMPANY OF THE NORTHWEST, INC. ("General Tel.").

RECITALS

A. General Tel. owns and operates a microwave station  
("Microwave Station") on Maloney Ridge and located in Section 36,  
Township 26 North, Range 11 East, W.M., in King County, Washington.

B. Puget is a public service corporation engaged in  
the business of distributing electrical energy in the vicinity of  
General Tel.'s Microwave Station.

C. General Tel. has requested Puget to extend single  
phase electric service to the Microwave Station, and Puget is  
willing to extend such service under the following terms and con-  
ditions.

AGREEMENTS

The parties hereto agree as follows:

1. Installation. Puget will furnish and install a  
single phase primary electrical distribution system ("Distribution

System") from Puget's Existing Facilities (presently terminating at Pole No. 15, approximately seven miles from the Microwave Station) along Foss River Road to Maloney Lookout Road and along Maloney Lookout Road to a transformer located at the Microwave Station. Puget will use its best efforts to complete the Distribution System during the construction months of the summer of 1971. The Distribution System shall be constructed underground in areas where it is located on property belonging to the United States of America.

2. Rights of Way. Installation of the Distribution System is contingent upon the ability of Puget to acquire necessary rights of way long Foss River Road and Maloney Lookout Road between Puget's Existing Facilities and the transformer at the Microwave Station site, and General Tel. will cooperate with Puget in securing all necessary rights of way for the Distribution System. If the rights of way secured are revocable or in any other way less than perpetual, Puget reserves the right to terminate service to the Microwave Station upon the termination and nonrenewal of any necessary right of way. If Puget is terminating service, it shall remove the Distribution System and General Tel. shall pay all Puget's actual costs incurred in such removal. The cost of all renewals of such rights of way shall be borne by General Tel.

3. Maintenance. The Distribution System from the primary metering point (to be located along the Distribution System approximately 3,500 feet from Puget's Existing Facilities) to the transformer

at the Microwave Station site shall be maintained only by Puget or a contractor selected by it and the actual cost of such maintenance shall be borne by General Tel. and shall be invoiced by Puget to General Tel. Maintenance as used herein shall include the furnishing of all necessary manpower, materials, and equipment to keep the Distribution System in operating condition.

4. Excuse of Performance and Excusable Delay. Puget shall be excused from performing any of its obligations hereunder to the extent that such performance is prohibited by causes beyond the control of Puget including, without limitation, acts of God, adverse weather, and lack of necessary rights of way, and to the extent that any cause beyond the control of Puget, including without limitation the foregoing, delays performance by Puget of any of its obligations hereunder, Puget shall have no liability to General Tel. for such delay and General Tel. hereby waives the right to make any claim for delay against Puget occasioned by such causes.

5. Payment for Installation. General Tel. shall pay all Puget's actual costs incurred in constructing the Distribution System from Puget's Existing Facilities to the transformer at the Microwave site. These costs include without limitation costs of engineering, surveying, and acquiring rights of way, and also include the costs of labor, supervision, materials, equipment, and overhead expense. Upon completion of the installation of the Distribution System, Puget will invoice the actual costs of the installation to General Tel. If performance by Puget is prohibited by any cause beyond

Puget's control as set out in paragraph 4, General Tel. shall pay Puget's costs incurred up to the time further performance by Puget is prohibited.

6. Right to Serve Additional Customers. Puget reserves the right to serve customers in addition to General Tel. from the Distribution System and may provide such service without refunding to General Tel. any portion of the original cost of installation paid by General Tel. (*See addendum following page 6*)

7. Metering. General Tel.'s use of primary power shall be metered at the primary metering point to be located along the Distribution System approximately 3,500 feet from Puget's Existing Facilities and General Tel. shall therefore be responsible for the use of all power lost in transmission between the primary metering point and the Microwave Station site.

If Puget serves additional customers from the Distribution System beyond General Tel.'s primary metering point, those customers' use of power shall be primary metered at the points along the Distribution System at which their service is taken. General Tel. shall pay for the difference between the quantity of electricity used as indicated by the meter at the primary metering point and the sum of the quantities of electricity used as indicated by the primary meter(s) of any additional customers.

8. Payment for Electrical Power. General Tel. shall pay for electric power furnished through the Distribution System at the rates set out in Puget's rate Schedule 30, Tariff I, as it may be amended, on file with the Washington Utilities and Transportation Commission provided, however, that the minimum annual charges for said electrical power shall be \$1,300 and in case of any increase in the rate of personal property taxes of the State of Washington levied against the property of Puget including the Distribution System, the minimum annual charge shall be increased proportionately. If Puget serves additional customers from the Distribution System beyond the primary metering point, Puget may bill General Tel. on an estimated basis for the difference between the quantity of electricity used as indicated by the meter at the primary metering point and the sum of the estimated quantities of electricity used by the additional customers. Such billings shall be adjusted when weather and seasonal conditions permit the reading of the meters of the additional customers.

9. Ownership of the Distribution System. The Distribution System shall be and remain the sole and exclusive property of Puget.

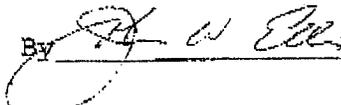
10. Termination by General Tel. If General Tel. requests the discontinuance of electric service of the Microwave Station, Puget shall have the option to remove the Distribution System or any part thereof within a reasonable time following the effective date of such discontinuance of service. In the event that Puget

elects to remove all or part of the distribution system, General Tel. shall pay all Puget's actual costs incurred in such removal.

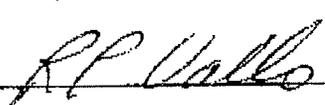
11. Miscellaneous. This Agreement and the parties' rights and obligations hereunder shall be construed and interpreted in all respects in accordance with the laws of the State of Washington and this Agreement shall be binding on the parties' successors and assigns.

EXECUTED as of the day and year first above written.

PUGET SOUND POWER & LIGHT COMPANY

By   
Title Vice President

GENERAL TELEPHONE COMPANY OF  
THE NORTHWEST, INC.

By   
Title Its Vice President-Operations Staff

ADDENDUM TO:  
AGREEMENT RELATING TO  
EXTENSION OF ELECTRICAL SERVICE

This Addendum is hereby made a part of said Agreement and cancels paragraph number 6 and replaces said paragraph with the following:

6. Right To Serve Additional Customers. Puget reserves the right to serve customers in addition to General Tel. from the Distribution System. Puget will arrange with potential customers a reasonable and equitable construction cost to be reimbursed to General Tel. for the cost incurred for the original line extension covered by this Agreement with the exception of the Forest Service which will be permitted one service connection from this Distribution System with no reimbursement to General Tel. This service will be located approximately 600 feet southeast of General Tel.'s Microwave Station. Reimbursements under this agreement will be limited to period not exceeding five (5) years after date the system is energized.

PUGET SOUND POWER & LIGHT COMPANY

By *[Signature]*

Title Vice President

Date September 23, 1971

GENERAL TELEPHONE COMPANY OF THE  
NORTHWEST, INC.

By *[Signature]*

Title Its Vice President - Operations Staff

Date September 23, 1971

SERVICE AGREEMENT

This Agreement, dated as of this 20 day of September 1994, by and between the parties signing below ("Customer" or "Customers") and PUGET SOUND POWER & LIGHT COMPANY, a Washington Corporation ("Puget").

RECITALS

A. Puget is a public service company engaged in the sale and distribution of electricity.

B. Pursuant to the economic feasibility provisions (paragraph 13) of its Electric Tariff G, Schedule 85, Puget constructed a single phase primary voltage electrical distribution system ("System") to serve the area known as Maloney Ridge ("Maloney Ridge") located in Section 36, Township 26 North, Range 11 East, W.M., in King County, Washington. The System extends from the primary metering point which is approximately 3,500 feet from Pole No. 15, along Foss River Road to Maloney Lookout Road to Maloney Ridge.

C. The System was originally constructed under an agreement dated September 23, 1971 ("Prior Agreement") between Puget and the General Telephone Company of the Northwest, Inc. ("GTE") to serve a GTE microwave station. Subsequent agreements dated April 21, 1994 with GTE and dated June 2, 1994 with King County were also signed. All these agreements shall be known as "Prior Agreements".

D. Pursuant to the Prior Agreements, Puget may connect additional customers to the System.

E. Puget wishes to establish the terms and conditions under which additional customers will be connected to the System.

AGREEMENT

1. Scope of Agreement. This Agreement governs the operation of the System and the recovery of the costs associated therewith. Electrical service provided by Puget to Customers shall be governed by the terms and provisions of Puget's Electric Tariff G.

2. Ownership of System. The System shall at all times remain the sole and exclusive property of Puget.

3. Repair and Maintenance of System. Puget shall be responsible for repairing and maintaining the System, including the furnishing of all necessary labor, materials, and equipment to keep the System in good operating condition.

4. Operating Costs. As authorized by the economic feasibility provisions (paragraph 13) of Schedule 85 of Puget's Electric Tariff G, the Customers agree that all operating costs in connection with the System will be shared among the Customers. The share paid shall be determined as shown by the following examples:

For the first customer beyond the primary metering point, that customer's share shall be equal to the operating costs incurred on the portion of the line starting at the primary metering point up to that customer's point of delivery (the "First Portion") divided by the number of customers being served by the First Portion of the line (all customers would share in the first portion of the line).

The second customer beyond the primary metering point will share equally in the operating costs of the First Portion of line as described above, plus share equally in the operating costs from the first customer's point of delivery to the second customer's point of delivery (the "Second Portion") divided by the number of customers being served by the Second Portion of the line.

The final customer on the line would share equally in the operating costs of all portions of the line divided by the number of customers being served by each portion of the line.

Operating costs shall include any repair and maintenance costs incurred by Puget pursuant to Section 3 above, and costs in connection with securing or maintaining operating rights.

5. Payment of Operating Costs. During January of each year, Puget shall determine the operating costs incurred during the preceding calendar year. Puget shall invoice each Customer an amount equal to such share of operating costs as determined in paragraph 4 above, as of the preceding December 31. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice. A customer no longer receiving electrical service from Puget though the System may, upon thirty (30) days notice to Puget, terminate its participation under this Agreement and any further obligation with respect to payment of operating costs; provided, however, that if such Customer reconnects to the System and becomes a party to this Agreement within one (1) year thereafter, such Customer shall pay its share of operating costs as if such Customer had remained a party to this Agreement.

6. Default. The parties agree that payment of operating costs to Puget is authorized by Schedule 85, paragraph 13 of Puget's Electric Tariff G. Upon failure of any Customer to pay to Puget amounts billed in accordance with Section 5 above, Puget may pursue any of the remedies available to it under the General Rules and Provision (Schedule 80) of its Electric Tariff G and the regulations for failure by customers to pay for electrical service including, but not limited to, disconnection of electrical service.

7. Addition of New Customers. Additional residents within Maloney Ridge may become parties to this Agreement and thereafter be served from the System. A prospective new customer shall provide Puget a properly notarized letter indicating its desire to become a party to this agreement and indicating its willingness to abide by the terms and conditions of this Agreement. Such letter shall thereupon be attached to this Agreement and such party shall become a Customer under this Agreement. Such new customer shall pay a share of operating costs as determined in paragraphs 4 and 5 above, irrespective of the date electric service is initiated. Each customer receiving service from the System shall become a party to this agreement as a condition of receiving electrical service.

8. Removal of System. The parties expressly acknowledge that the operating rights for the System are not perpetual. If the rights of way are revocable or in any other way less than perpetual, Puget reserves the right to terminate service to Maloney Ridge upon the termination and nonrenewal of any necessary right. If Puget terminates service, it shall remove the System. Each Customer shall pay an equal share of Puget's actual costs incurred in such removal. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice.

9. Metering for Electrical Service. Customers shall provide suitable facilities, according to Puget's standards and the General Rules and Provisions, (Schedule 80) of Puget's Electric Tariff G, for installation of secondary voltage metering for the purpose of billing for electricity used. Puget shall install and read meters and, if necessary, may estimate readings during periods of adverse weather conditions.

10. Applicability of Other Provisions. This Agreement is subject to the General Rules and Provisions (Schedule 80) of Puget's Electric Tariff G and to Schedule 85 of such Tariff, as such Schedules may be revised from time to time upon approval of the Washington Utilities and Transportation Commission. Any conflict between this Agreement and Puget's Schedules 80 and 85 shall be resolved in favor of such tariff provisions.

11. Prior Agreement. Upon agreement of GTE and King County to this Agreement, the Prior Agreement and the Prior Agreements shall become null and void.

GTE Northwest, Inc.

Puget Sound Power &  
Light Company

By: Elizabeth A. Edwards  
Name: Elizabeth A. Edwards  
Its: Vice President  
Date: 9/14/94

By: [Signature]  
Name: KEVIN P. O'BRIEN  
Its: GENERAL MANAGER  
Date: 9/20/94

FORM APPROVED

REDA  
Attorney

Date 9/13/94

### SERVICE AGREEMENT

This Agreement, dated as of this 12 day of December, 1994, by and between the parties signing below ("Customer" or "Customers") and PUGET SOUND POWER & LIGHT COMPANY, a Washington Corporation ("Puget").

### RECITALS

A. Puget is a public service company engaged in the sale and distribution of electricity.

B. Pursuant to the economic feasibility provisions (paragraph 13) of its Electric Tariff G, Schedule 85, Puget constructed a single phase primary voltage electrical distribution system ("System") to serve the area known as Maloney Ridge ("Maloney Ridge") located in Section 36, Township 26 North, Range 11 East, W.M., in King County, Washington. The System extends from the primary metering point which is approximately 3,500 feet from Pole No. 15, along Foss River Road to Maloney Lookout Road to Maloney Ridge.

C. The System was originally constructed under an agreement dated September 23, 1971 ("Prior Agreement") between Puget and the General Telephone Company of the Northwest, Inc. ("GTE") to serve a GTE microwave station. Subsequent agreements dated April 21, 1994 with GTE and dated June 2, 1994 with King County were also signed. All these agreements shall be known as "Prior Agreements".

D. Pursuant to the Prior Agreements, Puget may connect additional customers to the System.

E. Puget wishes to establish the terms and conditions under which additional customers will be connected to the System.

### AGREEMENT

1. Scope of Agreement. This Agreement governs the operation of the System and the recovery of the costs associated therewith. Electrical service provided by Puget to Customers shall be governed by the terms and provisions of Puget's Electric Tariff G.

2. Ownership of System. The System shall at all times remain the sole and exclusive property of Puget.

3. Repair and Maintenance of System. Puget shall be responsible for repairing and maintaining the System, including the furnishing of all necessary labor, materials, and equipment to keep the System in good operating condition.

4. Operating Costs. As authorized by the economic feasibility provisions (paragraph 13) of Schedule 85 of Puget's Electric Tariff G, the Customers agree that all operating costs in connection with the System will be shared among the Customers. The share paid shall be determined as shown by the following examples:

For the first customer beyond the primary metering point, that customer's share shall be equal to the operating costs incurred on the portion of the line starting at the primary metering point up to that customer's point of delivery (the "First Portion") divided by the number of customers being served by the First Portion of the line (all customers would share in the first portion of the line).

The second customer beyond the primary metering point will share equally in the operating costs of the First Portion of line as described above, plus share equally in the operating costs from the first customer's point of delivery to the second customer's point of delivery (the "Second Portion") divided by the number of customers being served by the Second Portion of the line.

The final customer on the line would share equally in the operating costs of all portions of the line divided by the number of customers being served by each portion of the line.

Operating costs shall include any repair and maintenance costs incurred by Puget pursuant to Section 3 above, and costs in connection with securing or maintaining operating rights.

5. Payment of Operating Costs. During January of each year, Puget shall determine the operating costs incurred during the preceding calendar year. Puget shall invoice each Customer an amount equal to such share of operating costs as determined in paragraph 4 above, as of the preceding December 31. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customer's receipt of the invoice. A customer no longer receiving electrical service from Puget though the System may, upon thirty (30) days notice to Puget, terminate its participation under this Agreement and any further obligation with respect to payment of operating costs; provided, however, that if such Customer reconnects to the System and becomes a party to this Agreement within one (1) year thereafter, such Customer shall pay its share of operating costs as if such Customer had remained a party to this Agreement.

6. Default. The parties agree that payment of operating costs to Puget is authorized by Schedule 85, paragraph 13 of Puget's Electric Tariff G. Upon failure of any Customer to pay to Puget amounts billed in accordance with Section 5 above, Puget may pursue any of the remedies available to it under the General Rules and Provision (Schedule 80) of its Electric Tariff G and the regulations for failure by customers to pay for electrical service including, but not limited to, disconnection of electrical service.

7. Addition of New Customers. Additional residents within Maloney Ridge may become parties to this Agreement and thereafter be served from the System. A prospective new customer shall provide Puget a properly notarized letter indicating its desire to become a party to this agreement and indicating its willingness to abide by the terms and conditions of this Agreement. Such letter shall thereupon be attached to this Agreement and such party shall become a Customer under this Agreement. Such new customer shall pay a share of operating costs as determined in paragraphs 4 and 5 above, irrespective of the date electric service is initiated. Each customer receiving service from the System shall become a party to this agreement as a condition of receiving electrical service.

8. Removal of System. The parties expressly acknowledge that the operating rights for the System are not perpetual. If the rights of way are revocable or in any other way less than perpetual, Puget reserves the right to terminate service to Maloney Ridge upon the termination and nonrenewal of any necessary right. If Puget terminates service, it shall remove the System. Each Customer shall pay an equal share of Puget's actual costs incurred in such removal. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice.

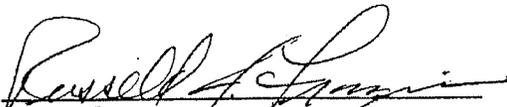
9. Metering for Electrical Service. Customers shall provide suitable facilities, according to Puget's standards and the General Rules and Provisions, (Schedule 80) of Puget's Electric Tariff G, for installation of secondary voltage metering for the purpose of billing for electricity used. Puget shall install and read meters and, if necessary, may estimate readings during periods of adverse weather conditions.

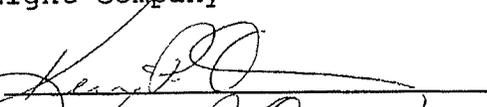
10. Applicability of Other Provisions. This Agreement is subject to the General Rules and Provisions (Schedule 80) of Puget's Electric Tariff G and to Schedule 85 of such Tariff, as such Schedules may be revised from time to time upon approval of the Washington Utilities and Transportation Commission. Any conflict between this Agreement and Puget's Schedules 80 and 85 shall be resolved in favor of such tariff provisions.

11. Prior Agreement. Upon agreement of GTE and King County to this Agreement, the Prior Agreement and the Prior Agreements shall become null and void.

Burlington Northern Railroad

Puget Sound Power &  
Light Company

By:   
Name: Russell J. Frazier  
Its: Manager Signal Mtc  
Date: Dec. 27, 1994

By:   
Name: KEVIN P. OWENS  
Its: GENERAL MANAGER  
Date: 1/3/95

## SERVICE AGREEMENT

This Agreement, dated as of this 29 day of MARCH, 1995, by and between the parties signing below ("Customer" or "Customers") and PUGET SOUND POWER & LIGHT COMPANY, a Washington Corporation ("Puget").

### RECITALS

A. Puget is a public service company engaged in the sale and distribution of electricity.

B. Pursuant to the economic feasibility provisions (paragraph 13) of its Electric Tariff G, Schedule 85, Puget constructed a single phase primary voltage electrical distribution system ("System") to serve the area known as Maloney Ridge ("Maloney Ridge") located in Section 36, Township 26 North, Range 11 East, W.M., in King County, Washington. The System extends from the primary metering point which is approximately 3,500 feet from Pole No. 15, along Foss River Road to Maloney Lookout Road to Maloney Ridge.

C. The System was originally constructed under an agreement dated September 23, 1971 ("Prior Agreement") between Puget and the General Telephone Company of the Northwest, Inc. ("GTE") to serve a GTE microwave station. Subsequent agreements dated April 21, 1994 with GTE and dated June 2, 1994 with King County were also signed. All these agreements shall be known as "Prior Agreements".

D. Pursuant to the Prior Agreements, Puget may connect additional customers to the System.

E. Puget wishes to establish the terms and conditions under which additional customers will be connected to the System.

### AGREEMENT

1. Scope of Agreement. This Agreement governs the operation of the System and the recovery of the costs associated therewith. Electrical service provided by Puget to Customers shall be governed by the terms and provisions of Puget's Electric Tariff G.

2. Ownership of System. The System shall at all times remain the sole and exclusive property of Puget.

3. Repair and Maintenance of System. Puget shall be responsible for repairing and maintaining the System, including the furnishing of all necessary labor, materials, and equipment to keep the System in good operating condition.

4. Operating Costs. As authorized by the economic feasibility provisions (paragraph 13) of Schedule 85 of Puget's Electric Tariff G, the Customers agree that all operating costs in connection with the System will be shared among the Customers. The share paid shall be determined as shown by the following examples:

For the first customer beyond the primary metering point, that customer's share shall be equal to the operating costs incurred on the portion of the line starting at the primary metering point up to that customer's point of delivery (the "First Portion") divided by the number of customers being served by the First Portion of the line (all customers would share in the first portion of the line).

The second customer beyond the primary metering point will share equally in the operating costs of the First Portion of line as described above, plus share equally in the operating costs from the first customer's point of delivery to the second customer's point of delivery (the "Second Portion") divided by the number of customers being served by the Second Portion of the line.

The final customer on the line would share equally in the operating costs of all portions of the line divided by the number of customers being served by each portion of the line.

Operating costs shall include any repair and maintenance costs incurred by Puget pursuant to Section 3 above, and costs in connection with securing or maintaining operating rights.

5. Payment of Operating Costs. During January of each year, Puget shall determine the operating costs incurred during the preceding calendar year. Puget shall invoice each Customer an amount equal to such share of operating costs as determined in paragraph 4 above, as of the preceding December 31. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice. A customer no longer receiving electrical service from Puget though the System may, upon thirty (30) days notice to Puget, terminate its participation under this Agreement and any further obligation with respect to payment of operating costs; provided, however, that if such Customer reconnects to the System and becomes a party to this Agreement within one (1) year thereafter, such Customer shall pay its share of operating costs as if such Customer had remained a party to this Agreement.

6. Default. The parties agree that payment of operating costs to Puget is authorized by Schedule 85, paragraph 13 of Puget's Electric Tariff G. Upon failure of any Customer to pay to Puget amounts billed in accordance with Section 5 above, Puget may pursue any of the remedies available to it under the General Rules and Provision (Schedule 80) of its Electric Tariff G and the regulations for failure by customers to pay for electrical service including, but not limited to, disconnection of electrical service.

7. Addition of New Customers. Additional residents within Maloney Ridge may become parties to this Agreement and thereafter be served from the System. A prospective new customer shall provide Puget a properly notarized letter indicating its desire to become a party to this agreement and indicating its willingness to abide by the terms and conditions of this Agreement. Such letter shall thereupon be attached to this Agreement and such party shall become a Customer under this Agreement. Such new customer shall pay a share of operating costs as determined in paragraphs 4 and 5 above, irrespective of the date electric service is initiated. Each customer receiving service from the System shall become a party to this agreement as a condition of receiving electrical service.

8. Removal of System. The parties expressly acknowledge that the operating rights for the System are not perpetual. If the rights of way are revocable or in any other way less than perpetual, Puget reserves the right to terminate service to Maloney Ridge upon the termination and nonrenewal of any necessary right. If Puget terminates service, it shall remove the System. Each Customer shall pay an equal share of Puget's actual costs incurred in such removal. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice.

9. Metering for Electrical Service. Customers shall provide suitable facilities, according to Puget's standards and the General Rules and Provisions, (Schedule 80) of Puget's Electric Tariff G, for installation of secondary voltage metering for the purpose of billing for electricity used. Puget shall install and read meters and, if necessary, may estimate readings during periods of adverse weather conditions.

10. Applicability of Other Provisions. This Agreement is subject to the General Rules and Provisions (Schedule 80) of Puget's Electric Tariff G and to Schedule 85 of such Tariff, as such Schedules may be revised from time to time upon approval of the Washington Utilities and Transportation Commission. Any conflict between this Agreement and Puget's Schedules 80 and 85 shall be resolved in favor of such tariff provisions.

11. Prior Agreement. Upon agreement of GTE and King County to this Agreement, the Prior Agreement and the Prior Agreements shall become null and void.

King County

By: *Danna R Nolan*  
Name: Danna R Nolan  
Its: \_\_\_\_\_  
Date: 3/22/95

Puget Sound Power &  
Light Company

By: *Wayne H. Hopman*  
Name: Wayne H. Hopman  
Its: General Manager - North King  
Date: March 29, 1995

## SERVICE AGREEMENT

This Agreement, dated as of this 06 day of June, 1995, by and between the parties signing below ("Customer" or "customers") and PUGET SOUND POWER & LIGHT COMPANY, a Washington Corporation ("Puget").

### RECITALS

A. Puget is a public service company engaged in the sale and distribution of electricity.

B. Pursuant to the economic feasibility provisions (paragraph 13) of its Electric Tariff G, Schedule 85, Puget constructed a single phase primary voltage electrical distribution system ("system") to serve the area known as Maloney Ridge ("Maloney Ridge") located in Section 36, Township 26 North, Range 11 East, W.M., in King County, Washington. The System extends from the primary metering point which is approximately 3,500 feet from Pole No. 15, along Foss River Road to Maloney Lookout Road to Maloney Ridge.

C. The System was originally constructed under an agreement dated September 23, 1971 ("Prior Agreement") between Puget and the General Telephone Company of the Northwest, Inc. ("GTE") to serve a GTE microwave station. Subsequent agreements dated April 21, 1994 with GTE and dated June 2, 1994 with King County were also signed. All these agreements shall be known as "Prior Agreements".

D. Pursuant to the Prior Agreement, Puget may connect additional customers to the System.

E. Puget wishes to establish the terms and conditions under which additional customers will be connected to the System.

### AGREEMENT

1. Scope of Agreement. This Agreement governs the operation of the System and the recovery of the costs associated therewith. Electrical service provided by Puget to Customers shall be governed by the terms and provisions of Puget's Electric Tariff G.

2. Ownership of System. The System shall at all times remain the sole and exclusive property of Puget.

3. Repair and Maintenance of System. Puget shall be responsible for repairing and maintaining the system, including the furnishing of all necessary labor, materials, and equipment to keep the system in good operating condition.

4. Operating Costs. As authorized by the economic feasibility provisions (paragraph 13) of Schedule 85 of Puget's Electric Tariff G, the Customers agree that all

operating costs in connection with the System will be shared among the Customers. The share paid shall be determined as shown by the following examples:

For the first customer beyond the primary metering point, that customer's share shall be equal to the operating costs incurred on the portion of the line starting at the primary metering point up to the customer's point of delivery (the "First Portion") divided by the number of customers being served by the First Portion of the line (all customers would share in the first portion of the line).

The second customer beyond the primary metering point will share equally in the operating costs of the First Portion of line as described above, plus share equally in the operating costs from the first customer's point of delivery to the second customer's point of delivery (the "Second Portion") divided by the number of customers being served by the Second Portion of the line.

The final customer on the line would share equally in the operating costs of all portions of the line divided by the number of customers being served by each portion of the line.

Operating costs shall include any repair and maintenance costs incurred by Puget pursuant to Section 3 above, and costs in connection with securing or maintaining operating rights.

5. Payment of Operating Costs. During January of each year, Puget shall determine the operating costs incurred during the preceding calendar year. Puget shall invoice each Customer an amount equal to such share of operating costs as determined in paragraph 4 above, as of the preceding December 31. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of customer's receipt of the invoice. A customer no longer receiving electrical service from Puget through the System may, upon thirty (30) days notice to Puget, terminate its participation under this Agreement and any further obligation with respect to payment of operating costs; provided, however, that if such customer reconnects to the system and becomes a party to this Agreement within one (1) year thereafter, such Customer shall pay its share of operating costs as if such Customer had remained a party to this Agreement.

6. Default. The parties agree that payment of operating costs to Puget is authorized by Schedule 85, paragraph 13 of Puget's Electric Tariff G. Upon failure of any Customer to pay to Puget amounts billed in accordance with Section 5 above, Puget may pursue any of the remedies available to it under the General Rules and Provision (Schedule 80) of its Electric Tariff G and the regulations for failure by customers to pay for electrical service including, but not limited to, disconnection of electrical service.

7. Addition of New Customers. Additional residents within Maloney Ridge may become parties to this Agreement and thereafter be served from the System. A prospective new customer shall provide Puget a properly notarized letter indicating its desire to become a party to this agreement and indicating its willingness to abide by the terms and conditions of this Agreement. Such letter shall thereupon be attached to this Agreement and such party shall become a Customer under this Agreement. Such new customer shall pay a share of operating costs as determined in paragraphs 4 and 5 above,

irrespective of the date electric service is initiated. Each customer receiving service from the System shall become a party to this agreement as a condition of receiving electrical service.

8. Termination of service. The parties expressly acknowledge that the operating rights for the System are not perpetual. Puget reserves the right to terminate service to Maloney Ridge upon the termination and non-renewal of any necessary right. Each Customer shall pay an equal share of Puget's actual costs incurred in such termination of service. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice. If Puget is required to terminate service, Puget shall notify each Customer in advance of termination, but not later than 30 days from the time Puget is notified of said termination or non renewal. Puget shall allow the Customers the opportunity to obtain the required rights to operate the System.

9. Metering for Electrical Service. Customers shall provide suitable facilities, according to Puget's standards and the General Rules and Provisions, (Schedule 80), of Puget's Electric Tariff G, for installation of secondary voltage metering for the purpose of billing for electricity used. Puget shall install and read meters and, if necessary, may estimate readings during periods of adverse weather conditions.

10. Applicability of Other Provisions. This Agreement is subject to the General rules and Provisions (Schedule 80) of Puget's Electric Tariff G and to Schedule 85 of such Tariff, as such Schedules may be revised from time to time upon approval of the Washington Utilities and Transportation Commission. Any conflict between this Agreement and Puget's Schedules 80 and 85 shall be resolved in favor of such tariff provisions.

11. Prior Agreement. Upon agreement of GTE and King County to this Agreement, the Prior Agreement and the prior Agreements shall become null and void.

MALONEY RIDGE USERS ASSOCIATION

PUGET SOUND POWER LIGHT CO

By: David R Jones

By: Wayne H. Hopman

Name DAVID R JONES

Name WAYNE H. HOPMAN

Its: President, Maloney Ridge Electric Users' Association

Its: GENERAL MANAGER NORTH KING DIVISION

Date: 06 June 1995

Date: JUNE 12, 1995

WN U-60

Fourth Revised Sheet No. 85  
Canceling Third Revised Sheet No. 85  
and Second Revised Sheet No. 85-g

RECEIVED

MAY - 2 1991

WASH. UT. & TRANS. COMM.

For Commission's Receipt Stamp

PUGET SOUND POWER & LIGHT COMPANY  
Electric Tariff G

SCHEDULE 85  
LINE EXTENSIONS

1. SINGLE-FAMILY RESIDENCES -

a. The Company will construct new single-phase distribution facilities along a Public Thoroughfare to serve one or more customers on the following terms:

(1) For each residence initially to be served, the Company will provide an allowance of \$1,478.00 toward the cost of construction of facilities. Construction costs in excess of the allowance(s) shall be paid to the Company in advance of construction at the rates set forth in (3) below:

(2) Single-Family Residences that are not utilized as primary year-around residences shall receive an allowance of \$739.00 toward the cost of construction of facilities. Construction costs in excess of the allowance(s) shall be paid to the Company in advance of construction at the rates set forth in (3) below:

(3) Overhead distribution facilities: \$6.16 per foot (T)  
Underground distribution facilities: \$5.25 per foot (I)(C)(D)

b. The Company will construct new single-phase distribution facilities on property other than along a Public Thoroughfare on the following terms:

Overhead distribution facilities: \$6.16 per foot (T)  
Underground distribution facilities: \$5.25 per foot (I)(C)(D)

Charges for new line extensions shall be paid to the Company in advance of construction.

c. The Company will construct three-phase facilities to serve one or more customers on the following terms: (M)

(1) For each Customer to be initially served along a Public Thoroughfare, the Company will provide an allowance of \$3,898.00 toward the estimated cost of construction of facilities. Estimated construction costs in excess of the allowance(s) shall be paid to the Company in advance of construction.

(2) For the Customer(s) to be initially served along property other than a Public Thoroughfare, the Customer(s) shall be required to pay in advance of construction the estimated costs of the facilities.

(M) Transferred from Sheet No. 85-23 BY ORDER OF WASH. UTILITIES & TRANSPORTATION COMM., DOCKET NO. 910477

ISSUED May 1, 1991 EFFECTIVE June 1, 1991 *June 6, 1991*

PSPL 9105

Canceled 4-11-97 by 5<sup>th</sup> Revised Sheet 85

ISSUED BY PUGET SOUND POWER & LIGHT COMPANY

BY *G. B. Swofford* TITLE VICE PRESIDENT, RATES

G. B. Swofford

Fourth Revised Sheet No. 85-a  
Canceling Third Revised  
Sheet No. 85-a

**MAY - 2 1991**

**WASH. UT. & TRANS. COMM.**

WN U-60

**PUGET SOUND POWER & LIGHT COMPANY**  
**Electric Tariff G**

For Commission's Receipt Stamp

**SCHEDULE 85**  
**LINE EXTENSIONS**  
(Continued)

(3) If the actual costs of construction are less than the estimate by more than 10% of the estimate, the Company shall refund any excess payment to the Customer. (K)

d. Each customer shall pay charges which reflect each customer's responsibility for the extension charges. The Company shall have the right to connect subsequent customers to all line extensions. If such connections are permanent in nature and are made within 5 years of the date the line extension is energized, subsequent customers so connected shall be treated for purposes of allowances and excess charges under the provisions of 1.a., 1.b., and 1.c. above as if they were included among the customers for whom the extension was originally constructed; and refunds or reallocations, if any, to present owners shall be made on the same basis. The total of refunds for line extensions shall not exceed the amount paid by customers. (K)

e. All the above charges are in addition to those required by the terms of Schedule 86, Service Lines.

**2. PLATTED NEW SINGLE-FAMILY RESIDENTIAL DEVELOPMENTS -** (M)

a. The Company will install underground distribution lines utilizing surface-mounted transformers within platted new residential developments serving Single-Family Residences on the following terms:

The developer or owner will pay to the Company in advance of construction \$12.71 per centerline foot of all roads within the development or plat. For each Single-Family Residence connected within the first five (5) years after the system is energized, the Company will refund an amount equal to the allowances in 1.a.(1) or 1.a.(2) above. The total of all such refunds for the development shall not exceed the amount paid by the developer or owner under this paragraph. (M)

In lieu of cash payment of the above amount, the Company will accept a letter of credit, contractor's bond, or other credit instrument upon execution of a written agreement with the developer or owner. Such written agreement shall prescribe the requirements for any such credit instrument and shall permit the face amount of such instrument to be reduced no more often than once every three (3) months as new customers are connected. Such (N)

(K) Transferred to Sheet No. 85 BY AUTH. OF ORDER OF WASH. UTILITIES & TRANSPORTATION COMM., DOCKET NO. 710479

(M) Transferred from Sheet No. 85-b

ISSUED May 1, 1991 EFFECTIVE June 1, 1991 *June 6, 1991*

PSPL 9105

Cancelled 4-11-97 by 5<sup>th</sup> Revised Sheet 85-a

**ISSUED BY PUGET SOUND POWER & LIGHT COMPANY**

BY *G. B. Swofford* TITLE VICE PRESIDENT, RATES

G. B. Swofford

0162-26

RECEIVED

MAY - 2 1991

WASH. UT. & TRANS. COMM.

Fifth Revised Sheet No. 85-b  
Canceling Fourth Revised  
Sheet No. 85-b

WN U-60

PUGET SOUND POWER & LIGHT COMPANY  
Electric Tariff G

For Commission's Receipt Stamp

SCHEDULE 85  
LINE EXTENSIONS  
(Continued)

written agreement shall also require the payment by developer or owner of a charge. Such charge shall be equal to the face amount outstanding of the credit instrument times an interest rate equal to the sum of a designated prime interest rate as of the date the credit instrument is accepted by the Company plus one percentage point (1.0%).

(N)(K)  
(N)  
(K)

- b. The above charges are in addition to those required to extend the Company's overhead or underground distribution system to the perimeter of the plat.
- c. All the above charges are in addition to those required by the terms of Schedule 86, Service Lines.
- d. The Company shall have the right to connect subsequent customers to all such line extensions.

3. MULTI-FAMILY RESIDENTIAL STRUCTURES, MOBILE HOME PARKS, AND NON-RESIDENTIAL OR RECREATIONAL FACILITIES -

a. The Company will construct new distribution facilities, including overhead or surface mounted transformers, along a Public Thoroughfare to serve additional customers on the following terms:

- (1) Multi-family residential structures and mobile home parks: at no charge up to a maximum of \$1,478.00 of investment by the Company in new distribution facilities for each residential customer (living unit) to be initially served.
- (2) Non-residential or recreational facilities: at no charge up to a maximum of investment by the Company in new distribution facilities equivalent to two times the estimated annual new revenue from customers to be initially served.
- (3) All estimated construction costs in excess of those allowed in (1) or (2) above shall be paid to the Company by the developer or owner in advance of construction.
- (4) If the actual costs of construction are less than the estimate by more than 10% of the estimate, the Company shall refund any excess payment to the customer.
- (5) Underground secondary service lines from the Point of Delivery shall be installed, owned, and maintained by the developer or

(M)  
(M)

(K) Transferred to Sheet No. 85-a (M) Transferred from Sheet No. 85-c

ISSUED May 1, 1991

BY AUTH. OF ORDER OF WASH. UTILITIES & TRANSPORTATION COMM. DOCKET NO. JUNE 1, 1991

EFFECTIVE June 1, 1991

PSP19105

Canceled 4-11-97 by 6th Revised Sheet 85-b

ISSUED BY PUGET SOUND POWER & LIGHT COMPANY

BY

*Gary B. Swofford*  
G. B. Swofford

TITLE VICE PRESIDENT, RATES

0162-26

RECEIVED

MAY - 2 1991

WASH. UT. & TRANS. COMM.

Fifth Revised Sheet No. 85-c  
Canceling Fourth Revised  
Sheet No. 85-c

WN U-60

**PUGET SOUND POWER & LIGHT COMPANY**  
**Electric Tariff G**

For Commission's Receipt Stamp

SCHEDULE 85  
LINE EXTENSIONS  
(Continued)

property owner. The Company shall provide and install overhead secondary service lines as provided in Schedule 86 of this tariff.

(K)

b. For overhead or underground Primary voltage systems, the Point of Delivery and metering will normally be at a point on the property line of the premises to be served which is, in the Company's reasonable judgment, most conveniently located with respect to the Company's transmission or distribution facilities. The Company will provide primary metering facilities, and the incremental cost of such facilities in excess of secondary metering facilities will be included in the total costs to provide service. The customer shall install, own, and maintain all facilities on the load side of the primary metering facilities.

(K)

c. For underground service at Secondary voltages, the Point of Delivery will be at the load side of the transformer or secondary handhole if located on the private property being served; or the property line if the distribution facilities are located on the public right-of-way. The transformer, handhole, or secondary connection location shall be at the point which is, in the Company's opinion, most conveniently located with respect to the Company's distribution facilities. The Customer shall install, own, and maintain all secondary facilities beyond the transformer or secondary handhole.

d. For overhead service at Secondary voltages, the Point of Delivery will be at a point on the outside of the structure to be served which is, in the Company's reasonable judgment, most conveniently located with respect to the Company's distribution facilities.

e. Any additional cost to provide service to a Point of Delivery other than that denoted in this schedule, at the request of the customer, shall be paid by the customer in advance of construction, and such amounts shall be in addition to any other amounts the customer may be required to pay in accordance with the tariff.

(M)

f. The Company shall have the right to connect subsequent customers to all line extensions. If such connections are made within five years of the date the line extension is energized, subsequent customers so connected shall be treated for purposes of charges under

(M)

(K) Transferred to Sheet No. 85-b

(M) Transferred from Sheet No. 85-d

BY ORDER OF ORDER OF WASH. UTILITIES & TRANSPORTATION COMM., DOCKET NO. 910479

ISSUED May 1, 1991

EFFECTIVE ~~June 1, 1991~~ June 6, 1991

PSPL9105

Canceled 4/11/97 by 6<sup>th</sup> Revised Sheet 85-c

ISSUED BY PUGET SOUND POWER & LIGHT COMPANY

BY

*G. B. Swofford*  
G. B. Swofford

TITLE VICE PRESIDENT, RATES

0162-26

**RECEIVED**

**MAY - 2 1991**

**WASH. UT. & TRANS. COMM.**

Fourth Revised Sheet No. 85-d  
Canceling Third Revised  
Sheet No. 85-d

WN U-60

**PUGET SOUND POWER & LIGHT COMPANY**  
**Electric Tariff G**

For Commission's Receipt Stamp

**SCHEDULE 85**  
**LINE EXTENSIONS**  
(Continued)

the provisions of 3.a. above as if they were included among the customers for whom the extension was originally constructed, and refunds or reallocations, if any, shall be made on the same basis.

(K)

4. RECONSTRUCTING DISTRIBUTION LINES FROM SINGLE PHASE TO THREE PHASE - For reconstruction of single-phase distribution facilities to three-phase to satisfy customer requirements, the customer shall pay the Company in advance of construction the amount by which the estimated reconstruction cost, including additional transformer costs, exceeds two times the annual additional revenue which is estimated will accrue to the Company.

(K)

5. ENGINEERING FEES - If an applicant requests estimated costs for a line extension under the provisions of this schedule, the Company may, at its option, require the applicant to pay in advance the estimated costs of providing such estimate. If the applicant takes service under this schedule within six months of the estimate, the Company will apply the advance payment against the cost to provide service and will refund the excess, if any.

6. EXTENSION FACILITIES AND COST - The Company in its sole judgment shall determine the appropriate location, design, phase, voltage, and capacity for the line extension and, where applicable, shall determine the extension cost utilizing its Cost Estimating System in conjunction with sound engineering practices.

7. OWNERSHIP OF FACILITIES - The Company shall own, operate, and maintain all electric distribution facilities installed by the Company under this schedule.

(M)

8. PUBLIC THOROUGHFARE - A public thoroughfare may be a municipal, county, state, federal, or other road open to the public over which the Company has adequate operating rights to accommodate the construction, operation, repair, and maintenance of the line extension, and which has been clearly delineated, cleared of growth and obstructions, and brought to final grade prior to the construction of electric distribution lines. A road on private property which meets the above requirements shall be deemed to be a public thoroughfare if such road provides public access to properties which may be served from such line extension. If, in the judgment of the Company, the permanency or definition of any road is questionable, it shall not be considered a public thoroughfare for the purposes of this schedule

(M)

(K) Transferred to Sheet No. 85-c

(M) Transferred from Sheet No. 85-e

ISSUED May 1, 1991

EFFECTIVE June 1, 1991

*June 6, 1991*

BY AUTH. OF ORDER OF WASH. UTILITIES & TRANSPORTATION COMM., Docket No.

PSPL 9105

ISSUED BY PUGET SOUND POWER & LIGHT COMPANY

BY

*Gay B. Swofford*  
G. B. Swofford

TITLE VICE PRESIDENT, RATES

Canceled 4-11-97 by 5<sup>th</sup> Revised Sheet 85-d

RECEIVED

MAY - 2 1991

WASH. UT. & TRANS. COMM.

Fourth Revised Sheet No. 85-e  
Canceling Third Revised  
Sheet No. 85-e

WN U-60

PUGET SOUND POWER & LIGHT COMPANY  
Electric Tariff G

For Commission's Receipt Stamp

SCHEDULE 85  
LINE EXTENSIONS  
(Continued)

and it shall be the Company's option to install distribution facilities to serve customers. Such distribution facilities shall not be subject to the footage or revenue allowances provided in this schedule.

(K)

9. REFUNDS AND REALLOCATIONS - The Company will make every reasonable effort to monitor refunds and reallocations authorized under the provisions of this schedule; however, it is the ultimate responsibility of the person(s) entitled to such refunds or reallocations to notify the Company of the impending or actual connection of subsequent customer(s) which may require refunding or reallocation of funds prepaid to the Company. In no case shall the Company be liable for refunds or reallocations authorized in this schedule that are requested later than five (5) years and sixty (60) days from the date the line extension installed under this schedule is energized.

(T)

(T)

(C)

(T)(K)

(M)

10. OPERATING RIGHTS -

a. Adequate legal rights for the construction, operation, repair, and maintenance of the electric system installed under this schedule over, under, across or through all property, including property not owned by the customer, shall be obtained by the customer for the Company prior to the commencement of construction of said system. Such operating rights shall be in a form acceptable to the Company.

(T)

(T)

b. When an underground electric distribution extension is to be installed in a platted tract, the owner thereof shall grant a utility easement specifically to the Company for the extension and shall also record with the plat a restrictive covenant providing that all permanent electric utility service lines shall be underground.

11. CLEARING -

a. It shall be the property owner's, developer's, or customer's responsibility to provide a route for construction which is to final grade, free of all obstructions, and along which all rights-of-way, easements, and property lines are clearly and accurately delineated.

(M)

(K) Transferred to Sheet No. 85-d

(M) Transferred from Sheet No. 85-f

BY AUTH. OF ORDER OF WASH. UTILITIES & TRANSPORTATION COMM.

910479

ISSUED May 1, 1991

EFFECTIVE June 1, 1991

June 1, 1991

PSPL 9105

Canceled 4-11-97 by 5<sup>th</sup> Revised Sheet 85-e

ISSUED BY PUGET SOUND POWER & LIGHT COMPANY

BY G. B. Swofford  
G. B. Swofford

TITLE VICE PRESIDENT, RATES

0162-26

MAY - 2

WASH. UT. & TRANS. COMM.

Fourth Revised Sheet No. 85-f  
Canceling Third Revised  
Sheet No. 85-f

WN U-60

**PUGET SOUND POWER & LIGHT COMPANY**  
**Electric Tariff G**

For Commission's Receipt Stamp

SCHEDULE 85  
LINE EXTENSIONS  
(Continued)

- b. The property owner, developer, or customer shall provide written (K) notice to the Company that the provisions of 11.a. have been complied with prior to installation of the Company's distribution system.
- 12. TRENCHING - For underground service, the Customer, owner, or developer shall provide all necessary trenching, excavation for vaults, and backfill in accordance with Company standards, or contract with the Company to provide this work at its estimated cost. Payments to the Company for such work will not be refundable.
- 13. ECONOMIC FEASIBILITY - The Company shall not be required to construct any distribution extension under this schedule if such extension is, in the reasonable judgment of the Company, economically unfeasible. Service may, however, be provided to customers on terms which require payment of an amount sufficient to justify the Company's investment in facilities. (M)
- 14. SINGLE-FAMILY RESIDENCE - A Single-Family Residence is a structure that is located on a legal residential lot and is approved for occupancy as a permanent residence by the local governing agency or agencies. A mobile home will be considered a Single-Family Residence if it meets the above requirements; is permanently located on a foundation; has had the axles and wheels removed; and meets all other requirements for a mobile home permit as required by the local governing agency or agencies. (K)
- 15. TEMPORARY SERVICE - This schedule does not apply to temporary service. Such service is subject to the provisions of Schedule 80 in this tariff.
- 16. GOVERNMENTAL AUTHORITY - The manner and type of construction of any extension of the distribution system shall be subject to applicable governmental authority or law, and any increase in costs resulting therefrom and not reimbursed by an agency of the government or other person or entity shall be paid by the customer(s), property owner, or developer served by such extension.
- 17. SCHEDULE 87 - The installation of facilities under the provisions of this schedule shall be subject to the provisions of Schedule 87, Income Tax Rider.
- 18. GENERAL RULES AND PROVISIONS - Service under this schedule is subject to the General Rules and Provisions contained in this tariff. (M)

(K) Transferred to Sheet No. 85-e May 1, 1991  
 (M) Transferred from Sheet No. 85-g June 1, 1991  
 ISSUED \_\_\_\_\_ EFFECTIVE June 6, 1991

BY AUTH. OF ORDER OF WASH. UTILITIES & TRANSPORTATION COMM. POWER 910475

PSPL9105

ISSUED BY PUGET SOUND POWER & LIGHT COMPANY

BY G. B. Swofford  
 G. B. Swofford

TITLE VICE PRESIDENT, RATES

Canceled 4-11-97 by 5<sup>th</sup> Revised Sheet 85-f

## Shannon Kimmel

---

**From:** Sanders, Jason <jason.sanders@pse.com>  
**Sent:** Tuesday, October 15, 2013 8:36 AM  
**To:** 'Dalen.Wintermute@BNSF.com'; 'gregory.britz@bnsf.com';  
'Michael.Murphy@BNSF.com'; 'Steven.Whallon@bnsf.com'; 'Jeff.Talley@bnsf.com';  
'dlorenz@stratainc.com'; 'gatchinson@bpa.gov'; 'aadelaacruz@bpa.gov'; 'rs3418  
@att.com'; 'shirley.vangen@verizonwireless.com'; 'rob.dutcher@ftr.com';  
'tim.j.dougherty@ftr.com'; 'anthony.minor@kingcounty.gov'; Adams, Richard M -Rich -  
Transmission; Hisayasu, Ray - Transmission; Boyer, Jennifer A; 'Porter,Jeffrey E (BPA) -  
TFNC-SNOHOMISH'  
**Subject:** Maloney Ridge / Sobiesky outage  
**Attachments:** image001.jpg

As many of you may already be aware, an outage on the Maloney Ridge / Sobiesky system occurred yesterday at 5:22am. The Burlington Northern site at the bottom of the mountain was restored at 8:23am and the Strata and Frontier sites were restored at 1:54pm. A Potelco crew has been at the Sobiesky site since 4:30pm yesterday with no word as of yet of a restoration time. Rich Adams (PSE Engineering) is on this distribution and will provide updates as they are made available.

### Jason Sanders

*Manager Business Services*

425.462.3397 (tel)  
425.766.1607 (cell)  
55 110th Street NE EST-11E  
Bellevue, WA 98004

## Shannon Kimmel

---

**From:** Sanders, Jason <jason.sanders@pse.com>  
**Sent:** Wednesday, November 20, 2013 3:26 PM  
**To:** 'Dalen.Wintermute@BNSF.com'; 'gregory.britz@bnsf.com';  
'Michael.Murphy@BNSF.com'; 'Steven.Whallon@bnsf.com'; 'Jeff.Talley@bnsf.com';  
'dlorenz@stratainc.com'; 'gatchinson@bpa.gov'; 'aadelaacruz@bpa.gov'; 'rs3418  
@att.com'; 'shirley.vangen@verizonwireless.com'; 'rob.dutcher@ftr.com';  
'tim.j.dougherty@ftr.com'; 'anthony.minor@kingcounty.gov'; Adams, Richard M -Rich -  
Transmission; Hisayasu, Ray - Transmission; Boyer, Jennifer A; 'Porter,Jeffrey E (BPA) -  
TFNC-SNOHOMISH'; Gregorius, Vic -Quanta  
**Subject:** Maloney Ridge / Sobiesky safety notification

Maloney Ridge and Sobiesky customers,

As has been discussed over the past year, the safety of our employees is of the utmost importance and the weather/terrain on Maloney Ridge and Sobiesky pose serious safety concerns in the winter months. While we strive to provide the highest level of service with minimal outage impacts, PSE and Potelco will not be responding to cable failures at night during the winter months. We will assess each outage event on a case by case basis keeping in mind the safety of our employees and service to your facilities and will communicate to you all the status of the repairs. We appreciate your understanding of the situation and for allowing PSE to continue service to your facilities

Jason Sanders  
PSE Manager, Business Services  
25-462-3397 tel  
425-766-1607 cell

355 110<sup>th</sup> Avenue NE, EST-11E  
Bellevue, Wa 98004

## Shannon Kimmel

---

**From:** Sanders, Jason <jason.sanders@pse.com>  
**Sent:** Tuesday, April 23, 2013 9:45 AM  
**To:** 'rob.dutcher@ftr.com'; 'dlorenz@stratainc.com'; 'anthony.minor@kingcounty.gov'  
**Cc:** Markos, Andy; Adams, Richard M -Rich - Transmission; Boyer, Jennifer A; Reed, Molly K  
**Subject:** Maloney Ridge (response required)  
**Attachments:** image001.jpg

**Importance:** High

Rob, Denise and Tony,

I appreciate your taking my call today (Tony, left voicemail) and per the conversation, we are quickly approaching a critical milestone for the Maloney Ridge replacement project. To meet a 2014 construction schedule, I need an answer no later than **May 3<sup>rd</sup>** from Strata, King County and Frontier directing PSE to proceed with the permitting request to perform construction in the Summer of 2014. Specifically, the permitting process with the U.S. Forestry Service (including engineering design and appropriate permitting paperwork) must be delivered to the Forest Service by June 1<sup>st</sup>, 2013. This will generate a Decision Memo allowing PSE to move forward in 2014. If the documentation is not delivered to the Forest Service by June 1<sup>st</sup>, construction will not be allowed in 2014 and expectations for future construction should be based on a minimum two year schedule (one year for permitting, the next year for construction).

The main areas for consideration are as follows:

1. PSE recommends replacing the 4 worst cables
2. The remaining cable segments will need to be replaced at a future date
3. Forest Service drop date for submittal of the permitting request is 6/1/13
4. An Engineering Services Agreement will be created for the replacement of the 4 cables that will need to be reviewed and signed by the customers. This will take place after the May 3<sup>rd</sup> decision date.
5. PSE is willing to work with the customers on a payment plan for project related costs

The Maloney Ridge system is failing and future outage events will become more frequent and longer in duration. Field conditions during the winter will limit Potelco crews ability to make emergency outage repairs due to safety issues resulting in longer outage durations for the customers. We appreciate your partnership and look forward to improving the reliability of this system serving you.

Sincerely,

**Jason Sanders**  
*Major Accounts Executive*

425.462.3397 (tel)  
425.766.1607 (cell)  
355 110th Street NE EST-11E  
Bellevue, WA 98004

SERVICE AGREEMENT

This Agreement, dated as of this 20 day of September 1994, by and between the parties signing below ("Customer" or "Customers") and PUGET SOUND POWER & LIGHT COMPANY, a Washington Corporation ("Puget").

RECITALS

A. Puget is a public service company engaged in the sale and distribution of electricity.

B. Pursuant to the economic feasibility provisions (paragraph 13) of its Electric Tariff G, Schedule 85, Puget constructed a single phase primary voltage electrical distribution system ("System") to serve the area known as Maloney Ridge ("Maloney Ridge") located in Section 36, Township 26 North, Range 11 East, W.M., in King County, Washington. The System extends from the primary metering point which is approximately 3,500 feet from Pole No. 15, along Foss River Road to Maloney Lookout Road to Maloney Ridge.

C. The System was originally constructed under an agreement dated September 23, 1971 ("Prior Agreement") between Puget and the General Telephone Company of the Northwest, Inc. ("GTE") to serve a GTE microwave station. Subsequent agreements dated April 21, 1994 with GTE and dated June 2, 1994 with King County were also signed. All these agreements shall be known as "Prior Agreements".

D. Pursuant to the Prior Agreements, Puget may connect additional customers to the System.

E. Puget wishes to establish the terms and conditions under which additional customers will be connected to the System.

AGREEMENT

1. Scope of Agreement. This Agreement governs the operation of the System and the recovery of the costs associated therewith. Electrical service provided by Puget to Customers shall be governed by the terms and provisions of Puget's Electric Tariff G.

2. Ownership of System. The System shall at all times remain the sole and exclusive property of Puget.

3. Repair and Maintenance of System. Puget shall be responsible for repairing and maintaining the System, including the furnishing of all necessary labor, materials, and equipment to keep the System in good operating condition.

4. Operating Costs. As authorized by the economic feasibility provisions (paragraph 13) of Schedule 85 of Puget's Electric Tariff G, the Customers agree that all operating costs in connection with the System will be shared among the Customers. The share paid shall be determined as shown by the following examples:

For the first customer beyond the primary metering point, that customer's share shall be equal to the operating costs incurred on the portion of the line starting at the primary metering point up to that customer's point of delivery (the "First Portion") divided by the number of customers being served by the First Portion of the line (all customers would share in the first portion of the line).

The second customer beyond the primary metering point will share equally in the operating costs of the First Portion of line as described above, plus share equally in the operating costs from the first customer's point of delivery to the second customer's point of delivery (the "Second Portion") divided by the number of customers being served by the Second Portion of the line.

The final customer on the line would share equally in the operating costs of all portions of the line divided by the number of customers being served by each portion of the line.

Operating costs shall include any repair and maintenance costs incurred by Puget pursuant to Section 3 above, and costs in connection with securing or maintaining operating rights.

5. Payment of Operating Costs. During January of each year, Puget shall determine the operating costs incurred during the preceding calendar year. Puget shall invoice each Customer an amount equal to such share of operating costs as determined in paragraph 4 above, as of the preceding December 31. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice. A customer no longer receiving electrical service from Puget though the System may, upon thirty (30) days notice to Puget, terminate its participation under this Agreement and any further obligation with respect to payment of operating costs; provided, however, that if such Customer reconnects to the System and becomes a party to this Agreement within one (1) year thereafter, such Customer shall pay its share of operating costs as if such Customer had remained a party to this Agreement.

6. Default. The parties agree that payment of operating costs to Puget is authorized by Schedule 85, paragraph 13 of Puget's Electric Tariff G. Upon failure of any Customer to pay to Puget amounts billed in accordance with Section 5 above, Puget may pursue any of the remedies available to it under the General Rules and Provision (Schedule 80) of its Electric Tariff G and the regulations for failure by customers to pay for electrical service including, but not limited to, disconnection of electrical service.

7. Addition of New Customers. Additional residents within Maloney Ridge may become parties to this Agreement and thereafter be served from the System. A prospective new customer shall provide Puget a properly notarized letter indicating its desire to become a party to this agreement and indicating its willingness to abide by the terms and conditions of this Agreement. Such letter shall thereupon be attached to this Agreement and such party shall become a Customer under this Agreement. Such new customer shall pay a share of operating costs as determined in paragraphs 4 and 5 above, irrespective of the date electric service is initiated. Each customer receiving service from the System shall become a party to this agreement as a condition of receiving electrical service.

8. Removal of System. The parties expressly acknowledge that the operating rights for the System are not perpetual. If the rights of way are revocable or in any other way less than perpetual, Puget reserves the right to terminate service to Maloney Ridge upon the termination and nonrenewal of any necessary right. If Puget terminates service, it shall remove the System. Each Customer shall pay an equal share of Puget's actual costs incurred in such removal. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice.

9. Metering for Electrical Service. Customers shall provide suitable facilities, according to Puget's standards and the General Rules and Provisions, (Schedule 80) of Puget's Electric Tariff G, for installation of secondary voltage metering for the purpose of billing for electricity used. Puget shall install and read meters and, if necessary, may estimate readings during periods of adverse weather conditions.

10. Applicability of Other Provisions. This Agreement is subject to the General Rules and Provisions (Schedule 80) of Puget's Electric Tariff G and to Schedule 85 of such Tariff, as such Schedules may be revised from time to time upon approval of the Washington Utilities and Transportation Commission. Any conflict between this Agreement and Puget's Schedules 80 and 85 shall be resolved in favor of such tariff provisions.

11. Prior Agreement. Upon agreement of GTE and King County to this Agreement, the Prior Agreement and the Prior Agreements shall become null and void.

GTE Northwest, Inc.

Puget Sound Power &  
Light Company

By: Elizabeth A. Edwards  
Name: Elizabeth A. Edwards  
Its: Vice President  
Date: 9/14/94

By: [Signature]  
Name: FRANK P. OGDEN  
Its: GENERAL MANAGER  
Date: 9/20/94

FORM APPROVED  
REPHE  
Attorney

Date 9/13/94

## SERVICE AGREEMENT

This Agreement, dated as of this 12 day of December, 1994, by and between the parties signing below ("Customer" or "Customers") and PUGET SOUND POWER & LIGHT COMPANY, a Washington Corporation ("Puget").

### RECITALS

A. Puget is a public service company engaged in the sale and distribution of electricity.

B. Pursuant to the economic feasibility provisions (paragraph 13) of its Electric Tariff G, Schedule 85, Puget constructed a single phase primary voltage electrical distribution system ("System") to serve the area known as Maloney Ridge ("Maloney Ridge") located in Section 36, Township 26 North, Range 11 East, W.M., in King County, Washington. The System extends from the primary metering point which is approximately 3,500 feet from Pole No. 15, along Foss River Road to Maloney Lookout Road to Maloney Ridge.

C. The System was originally constructed under an agreement dated September 23, 1971 ("Prior Agreement") between Puget and the General Telephone Company of the Northwest, Inc. ("GTE") to serve a GTE microwave station. Subsequent agreements dated April 21, 1994 with GTE and dated June 2, 1994 with King County were also signed. All these agreements shall be known as "Prior Agreements".

D. Pursuant to the Prior Agreements, Puget may connect additional customers to the System.

E. Puget wishes to establish the terms and conditions under which additional customers will be connected to the System.

### AGREEMENT

1. Scope of Agreement. This Agreement governs the operation of the System and the recovery of the costs associated therewith. Electrical service provided by Puget to Customers shall be governed by the terms and provisions of Puget's Electric Tariff G.

2. Ownership of System. The System shall at all times remain the sole and exclusive property of Puget.

3. Repair and Maintenance of System. Puget shall be responsible for repairing and maintaining the System, including the furnishing of all necessary labor, materials, and equipment to keep the System in good operating condition.

4. Operating Costs. As authorized by the economic feasibility provisions (paragraph 13) of Schedule 85 of Puget's Electric Tariff G, the Customers agree that all operating costs in connection with the System will be shared among the Customers. The share paid shall be determined as shown by the following examples:

For the first customer beyond the primary metering point, that customer's share shall be equal to the operating costs incurred on the portion of the line starting at the primary metering point up to that customer's point of delivery (the "First Portion") divided by the number of customers being served by the First Portion of the line (all customers would share in the first portion of the line).

The second customer beyond the primary metering point will share equally in the operating costs of the First Portion of line as described above, plus share equally in the operating costs from the first customer's point of delivery to the second customer's point of delivery (the "Second Portion") divided by the number of customers being served by the Second Portion of the line.

The final customer on the line would share equally in the operating costs of all portions of the line divided by the number of customers being served by each portion of the line.

Operating costs shall include any repair and maintenance costs incurred by Puget pursuant to Section 3 above, and costs in connection with securing or maintaining operating rights.

5. Payment of Operating Costs. During January of each year, Puget shall determine the operating costs incurred during the preceding calendar year. Puget shall invoice each Customer an amount equal to such share of operating costs as determined in paragraph 4 above, as of the preceding December 31. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customer's receipt of the invoice. A customer no longer receiving electrical service from Puget though the System may, upon thirty (30) days notice to Puget, terminate its participation under this Agreement and any further obligation with respect to payment of operating costs; provided, however, that if such Customer reconnects to the System and becomes a party to this Agreement within one (1) year thereafter, such Customer shall pay its share of operating costs as if such Customer had remained a party to this Agreement.

6. Default. The parties agree that payment of operating costs to Puget is authorized by Schedule 85, paragraph 13 of Puget's Electric Tariff G. Upon failure of any Customer to pay to Puget amounts billed in accordance with Section 5 above, Puget may pursue any of the remedies available to it under the General Rules and Provision (Schedule 80) of its Electric Tariff G and the regulations for failure by customers to pay for electrical service including, but not limited to, disconnection of electrical service.

7. Addition of New Customers. Additional residents within Maloney Ridge may become parties to this Agreement and thereafter be served from the System. A prospective new customer shall provide Puget a properly notarized letter indicating its desire to become a party to this agreement and indicating its willingness to abide by the terms and conditions of this Agreement. Such letter shall thereupon be attached to this Agreement and such party shall become a Customer under this Agreement. Such new customer shall pay a share of operating costs as determined in paragraphs 4 and 5 above, irrespective of the date electric service is initiated. Each customer receiving service from the System shall become a party to this agreement as a condition of receiving electrical service.

8. Removal of System. The parties expressly acknowledge that the operating rights for the System are not perpetual. If the rights of way are revocable or in any other way less than perpetual, Puget reserves the right to terminate service to Maloney Ridge upon the termination and nonrenewal of any necessary right. If Puget terminates service, it shall remove the System. Each Customer shall pay an equal share of Puget's actual costs incurred in such removal. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice.

9. Metering for Electrical Service. Customers shall provide suitable facilities, according to Puget's standards and the General Rules and Provisions, (Schedule 80) of Puget's Electric Tariff G, for installation of secondary voltage metering for the purpose of billing for electricity used. Puget shall install and read meters and, if necessary, may estimate readings during periods of adverse weather conditions.

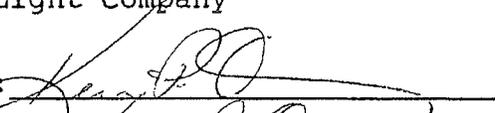
10. Applicability of Other Provisions. This Agreement is subject to the General Rules and Provisions (Schedule 80) of Puget's Electric Tariff G and to Schedule 85 of such Tariff, as such Schedules may be revised from time to time upon approval of the Washington Utilities and Transportation Commission. Any conflict between this Agreement and Puget's Schedules 80 and 85 shall be resolved in favor of such tariff provisions.

11. Prior Agreement. Upon agreement of GTE and King County to this Agreement, the Prior Agreement and the Prior Agreements shall become null and void.

Burlington Northern Railroad

Puget Sound Power &  
Light Company

By:   
Name: Russell J. Frazier  
Its: Manager Signal Mtc  
Date: Dec. 27, 1994

By:   
Name: Kevin J. Owens  
Its: GENERAL MANAGER  
Date: 1/3/95

## SERVICE AGREEMENT

This Agreement, dated as of this 29 day of MARCH, 1995, by and between the parties signing below ("Customer" or "Customers") and PUGET SOUND POWER & LIGHT COMPANY, a Washington Corporation ("Puget").

### RECITALS

A. Puget is a public service company engaged in the sale and distribution of electricity.

B. Pursuant to the economic feasibility provisions (paragraph 13) of its Electric Tariff G, Schedule 85, Puget constructed a single phase primary voltage electrical distribution system ("System") to serve the area known as Maloney Ridge ("Maloney Ridge") located in Section 36, Township 26 North, Range 11 East, W.M., in King County, Washington. The System extends from the primary metering point which is approximately 3,500 feet from Pole No. 15, along Foss River Road to Maloney Lookout Road to Maloney Ridge.

C. The System was originally constructed under an agreement dated September 23, 1971 ("Prior Agreement") between Puget and the General Telephone Company of the Northwest, Inc. ("GTE") to serve a GTE microwave station. Subsequent agreements dated April 21, 1994 with GTE and dated June 2, 1994 with King County were also signed. All these agreements shall be known as "Prior Agreements".

D. Pursuant to the Prior Agreements, Puget may connect additional customers to the System.

E. Puget wishes to establish the terms and conditions under which additional customers will be connected to the System.

### AGREEMENT

1. Scope of Agreement. This Agreement governs the operation of the System and the recovery of the costs associated therewith. Electrical service provided by Puget to Customers shall be governed by the terms and provisions of Puget's Electric Tariff G.

2. Ownership of System. The System shall at all times remain the sole and exclusive property of Puget.

3. Repair and Maintenance of System. Puget shall be responsible for repairing and maintaining the System, including the furnishing of all necessary labor, materials, and equipment to keep the System in good operating condition.

4. Operating Costs. As authorized by the economic feasibility provisions (paragraph 13) of Schedule 85 of Puget's Electric Tariff G, the Customers agree that all operating costs in connection with the System will be shared among the Customers. The share paid shall be determined as shown by the following examples:

For the first customer beyond the primary metering point, that customer's share shall be equal to the operating costs incurred on the portion of the line starting at the primary metering point up to that customer's point of delivery (the "First Portion") divided by the number of customers being served by the First Portion of the line (all customers would share in the first portion of the line).

The second customer beyond the primary metering point will share equally in the operating costs of the First Portion of line as described above, plus share equally in the operating costs from the first customer's point of delivery to the second customer's point of delivery (the "Second Portion") divided by the number of customers being served by the Second Portion of the line.

The final customer on the line would share equally in the operating costs of all portions of the line divided by the number of customers being served by each portion of the line.

Operating costs shall include any repair and maintenance costs incurred by Puget pursuant to Section 3 above, and costs in connection with securing or maintaining operating rights.

5. Payment of Operating Costs. During January of each year, Puget shall determine the operating costs incurred during the preceding calendar year. Puget shall invoice each Customer an amount equal to such share of operating costs as determined in paragraph 4 above, as of the preceding December 31. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice. A customer no longer receiving electrical service from Puget though the System may, upon thirty (30) days notice to Puget, terminate its participation under this Agreement and any further obligation with respect to payment of operating costs; provided, however, that if such Customer reconnects to the System and becomes a party to this Agreement within one (1) year thereafter, such Customer shall pay its share of operating costs as if such Customer had remained a party to this Agreement.

6. Default. The parties agree that payment of operating costs to Puget is authorized by Schedule 85, paragraph 13 of Puget's Electric Tariff G. Upon failure of any Customer to pay to Puget amounts billed in accordance with Section 5 above, Puget may pursue any of the remedies available to it under the General Rules and Provision (Schedule 80) of its Electric Tariff G and the regulations for failure by customers to pay for electrical service including, but not limited to, disconnection of electrical service.

7. Addition of New Customers. Additional residents within Maloney Ridge may become parties to this Agreement and thereafter be served from the System. A prospective new customer shall provide Puget a properly notarized letter indicating its desire to become a party to this agreement and indicating its willingness to abide by the terms and conditions of this Agreement. Such letter shall thereupon be attached to this Agreement and such party shall become a Customer under this Agreement. Such new customer shall pay a share of operating costs as determined in paragraphs 4 and 5 above, irrespective of the date electric service is initiated. Each customer receiving service from the System shall become a party to this agreement as a condition of receiving electrical service.

8. Removal of System. The parties expressly acknowledge that the operating rights for the System are not perpetual. If the rights of way are revocable or in any other way less than perpetual, Puget reserves the right to terminate service to Maloney Ridge upon the termination and nonrenewal of any necessary right. If Puget terminates service, it shall remove the System. Each Customer shall pay an equal share of Puget's actual costs incurred in such removal. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice.

9. Metering for Electrical Service. Customers shall provide suitable facilities, according to Puget's standards and the General Rules and Provisions, (Schedule 80) of Puget's Electric Tariff G, for installation of secondary voltage metering for the purpose of billing for electricity used. Puget shall install and read meters and, if necessary, may estimate readings during periods of adverse weather conditions.

10. Applicability of Other Provisions. This Agreement is subject to the General Rules and Provisions (Schedule 80) of Puget's Electric Tariff G and to Schedule 85 of such Tariff, as such Schedules may be revised from time to time upon approval of the Washington Utilities and Transportation Commission. Any conflict between this Agreement and Puget's Schedules 80 and 85 shall be resolved in favor of such tariff provisions.

11. Prior Agreement. Upon agreement of GTE and King County to this Agreement, the Prior Agreement and the Prior Agreements shall become null and void.

King County

By: *Donna R Nolan*  
Name: Donna R Nolan  
Its: \_\_\_\_\_  
Date: 3/22/95

Puget Sound Power &  
Light Company

By: *Wayne H. Hopman*  
Name: Wayne H. Hopman  
Its: General Manager - North King  
Date: March 29, 1995

## SERVICE AGREEMENT

This Agreement, dated as of this 16 day of June, 1995, by and between the parties signing below ("Customer" or "customers") and PUGET SOUND POWER & LIGHT COMPANY, a Washington Corporation ("Puget").

### RECITALS

A. Puget is a public service company engaged in the sale and distribution of electricity.

B. Pursuant to the economic feasibility provisions (paragraph 13) of its Electric Tariff G, Schedule 85, Puget constructed a single phase primary voltage electrical distribution system ("system") to serve the area known as Maloney Ridge ("Maloney Ridge") located in Section 36, Township 26 North, Range 11 East, W.M., in King County, Washington. The System extends from the primary metering point which is approximately 3,500 feet from Pole No. 15, along Foss River Road to Maloney Lookout Road to Maloney Ridge.

C. The System was originally constructed under an agreement dated September 23, 1971 ("Prior Agreement") between Puget and the General Telephone Company of the Northwest, Inc. ("GTE") to serve a GTE microwave station. Subsequent agreements dated April 21, 1994 with GTE and dated June 2, 1994 with King County were also signed. All these agreements shall be known as "Prior Agreements".

D. Pursuant to the Prior Agreement, Puget may connect additional customers to the System.

E. Puget wishes to establish the terms and conditions under which additional customers will be connected to the System.

### AGREEMENT

1. Scope of Agreement. This Agreement governs the operation of the System and the recovery of the costs associated therewith. Electrical service provided by Puget to Customers shall be governed by the terms and provisions of Puget's Electric Tariff G.

2. Ownership of System. The System shall at all times remain the sole and exclusive property of Puget.

3. Repair and Maintenance of System. Puget shall be responsible for repairing and maintaining the system, including the furnishing of all necessary labor, materials, and equipment to keep the system in good operating condition.

4. Operating Costs. As authorized by the economic feasibility provisions (paragraph 13) of Schedule 85 of Puget's Electric Tariff G, the Customers agree that all

operating costs in connection with the System will be shared among the Customers. The share paid shall be determined as shown by the following examples:

For the first customer beyond the primary metering point, that customer's share shall be equal to the operating costs incurred on the portion of the line starting at the primary metering point up to the customer's point of delivery (the "First Portion") divided by the number of customers being served by the First Portion of the line (all customers would share in the first portion of the line).

The second customer beyond the primary metering point will share equally in the operating costs of the First Portion of line as described above, plus share equally in the operating costs from the first customer's point of delivery to the second customer's point of delivery (the "Second Portion") divided by the number of customers being served by the Second Portion of the line.

The final customer on the line would share equally in the operating costs of all portions of the line divided by the number of customers being served by each portion of the line

Operating costs shall include any repair and maintenance costs incurred by Puget pursuant to Section 3 above, and costs in connection with securing or maintaining operating rights.

5. Payment of Operating Costs. During January of each year, Puget shall determine the operating costs incurred during the preceding calendar year. Puget shall invoice each Customer an amount equal to such share of operating costs as determined in paragraph 4 above, as of the preceding December 31. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of customer's receipt of the invoice. A customer no longer receiving electrical service from Puget through the System may, upon thirty (30) days notice to Puget, terminate its participation under this Agreement and any further obligation with respect to payment of operating costs; provided, however, that if such customer reconnects to the system and becomes a party to this Agreement within one (1) year thereafter, such Customer shall pay its share of operating costs as if such Customer had remained a party to this Agreement.

6. Default. The parties agree that payment of operating costs to Puget is authorized by Schedule 85, paragraph 13 of Puget's Electric Tariff G. Upon failure of any Customer to pay to Puget amounts billed in accordance with Section 5 above, Puget may pursue any of the remedies available to it under the General Rules and Provision (Schedule 80) of its Electric Tariff G and the regulations for failure by customers to pay for electrical service including, but not limited to, disconnection of electrical service.

7. Addition of New Customers. Additional residents within Maloney Ridge may become parties to this Agreement and thereafter be served from the System. A prospective new customer shall provide Puget a properly notarized letter indicating its desire to become a party to this agreement and indicating its willingness to abide by the terms and conditions of this Agreement. Such letter shall thereupon be attached to this Agreement and such party shall become a Customer under this Agreement. Such new customer shall pay a share of operating costs as determined in paragraphs 4 and 5 above,

irrespective of the date electric service is initiated. Each customer receiving service from the System shall become a party to this agreement as a condition of receiving electrical service.

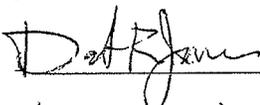
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9. Metering for Electrical Service. Customers shall provide suitable facilities, according to Puget's standards and the General Rules and Provisions, (Schedule 80), of Puget's Electric Tariff G, for installation of secondary voltage metering for the purpose of billing for electricity used. Puget shall install and read meters and, if necessary, may estimate readings during periods of adverse weather conditions.

10. Applicability of Other Provisions. This Agreement is subject to the General rules and Provisions (Schedule 80) of Puget's Electric Tariff G and to Schedule 85 of such Tariff, as such Schedules may be revised from time to time upon approval of the Washington Utilities and Transportation Commission. Any conflict between this Agreement and Puget's Schedules 80 and 85 shall be resolved in favor of such tariff provisions.

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**MALONEY RIDGE USERS ASSOCIATION**

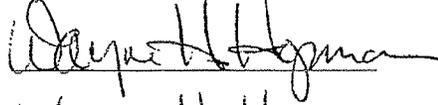
By: 

Name DAVID R. JONES

Its: President, Maloney Ridge Electric Users Association

Date: 06 June 1995

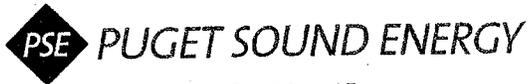
**PUGET SOUND POWER LIGHT CO**

By: 

Name WAYNE H. HOPMAN

Its: GENERAL MANAGER NORTH KING DIVISION

Date: JUNE 12, 1995



Puget Sound Energy  
P.O. Box 97034  
Bellevue, WA 98009-9734  
PSE.com

August 21, 2013

Gregory Britz  
BNSF Railway

Gloria Atchison  
Bonneville Power Administration

Tim Dougherty  
Frontier Communications

Shirley Vangen  
Verizon Wireless

Ron Sallabedra  
AT&T

Anthony Minor  
King County

Dear Gregory, Gloria, Tim, Shirley, Ron and Anthony:

Thank you for your letter of July 1, 2013, regarding degraded service to customers via PSE's Maloney Ridge line.

As you know, PSE has been meeting with you or your colleagues periodically since August 2012 to address Maloney Ridge line. PSE values having a good working relationship with its customers and hopes to reach a mutually satisfactory resolution concerning the Maloney Ridge line. I think that we can all agree that the Maloney Ridge line presents some very unique challenges, and PSE welcomes further discussions to address those challenges.

As your letter notes, PSE originally constructed the Maloney Ridge line under an agreement dated September 23, 1971, with General Telephone Company ("GTE") to serve a GTE microwave station. Under this agreement, GTE paid to construct this line through a remote section of the Snoqualmie National Forest, and agreed to pay all costs to repair and maintain the line. PSE required these terms to ensure that the Maloney Ridge line was not, and did not become, a burden on its other customers. Indeed, but for GTE's agreement to pay for the construction of the line and all repair and maintenance costs, the line would not have been economically feasible and would have never been constructed. This remains true to this day.

The Maloney Ridge line is currently maintained under Service Agreements between PSE and the four customers taking service from the line, dated September 20, 1994, December 12, 1994, March 29, 1995, and June 6, 1995. Under these Service Agreements, the customers continue to be responsible for all repair and maintenance costs based on the economic feasibility provisions of Schedule 85 to PSE's Tariff G. And again, if the customers do not pay for the all maintenance, repair and reconstruction costs, the Maloney Ridge line would become economically unfeasible.

During our meetings over the past year, PSE understood that the customers receiving service from the line did not want the Maloney Ridge line to be replaced; instead, the customers preferred to keep paying PSE for repair and maintenance services despite the frequent service reliability issues. PSE frankly would prefer not to repair and maintain the Maloney Ridge line given its remote location and difficult weather. Nonetheless, PSE considered the matter resolved with your request for continued maintenance and repair services.

Your July 1 letter takes a different position. After noting service reliability issues and repair costs of approximately \$200,000 in 2012 alone, the users of the Maloney Ridge line write that PSE's other customers should pay to replace the Maloney Ridge line through a general rate increase. You then offer to make a joint submission with PSE to seek approval from the Washington Utilities and Transportation Commission for a general rate increase that would be paid by other PSE customers but would serve the specific purpose of improving service to Maloney Ridge and reducing your maintenance and repair costs. PSE does not believe this is a feasible approach for several reasons.

First, PSE does not think that the Commission will agree with your belief that PSE cannot charge the customers served by the Maloney Ridge line with the capital costs of replacing the line. Instead, PSE thinks that any such proposal will be viewed by the Commission as an unfair attempt to shift the significant costs of replacing of a line through a remote section of the Snoqualmie National Forest to other PSE customers that do not require this unique service.

Second, PSE does not think that the Commission will agree with your statement that requiring the customers using the Maloney Ridge line to pay for the replacement of the Maloney Ridge line constitutes rate discrimination. Again, the Maloney Ridge line is very different than the service provided to other PSE customers, because the electric load does not support the investment necessary to operate, maintain and/or repair the Maloney Ridge line without your financial commitments under the Service Agreements.

Third, it appears that the leases for the facilities served by the Maloney Ridge line have expired. This creates further uncertainty that PSE believes that the Commission would consider when deciding the economic feasibility of replacing the Maloney Ridge line.

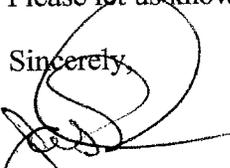
Finally, at some point, proper maintenance and repair under the Service Agreement will likely require entire segments of the line to be replaced. PSE believes that the Commission will view the Service Agreements as authorizing PSE to reconstruct the Maloney Ridge line as maintenance and repair services under the Service Agreement, and to charge those costs to the customers taking service from the Maloney Ridge line.

PSE remains willing to work with you to address the Maloney Ridge line to find a workable solution and proposed five different options to spread out your capital costs over time. Those options ranged from replacing the entire line with an agreement that spreads your capital costs over a five-year period to four different plans that would spread your capital costs over time by prioritizing the replacement of particular segments of the Maloney Ridge line. You also raised the possibility of installing and maintaining your own line with PSE providing service to a primary meter at the bottom of Maloney Ridge.

If pursuing these potential alternatives is not acceptable to you, then PSE agrees that the issue should be resolved by the Commission. The Commission will then have an opportunity to determine if it is even economically feasible to reconstruct the Maloney Ridge line, and if so, whether the reconstruction should be paid for by the customers receiving service from the Maloney Ridge line or a general rate increase for PSE's other customers.

Again, we would welcome another opportunity to meet and discuss how to move forward. Please let us know if such a meeting also interests you.

Sincerely,



Jason Sanders  
Business Services Manager  
Puget Sound Energy  
425-462-3397 Phone  
425-462-3355 Fax  
[jason.sanders@pse.com](mailto:jason.sanders@pse.com)



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Bellevue, WA 98009-9734  
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August 21, 2013

Gregory Britz  
BNSF Railway

Gloria Atchison  
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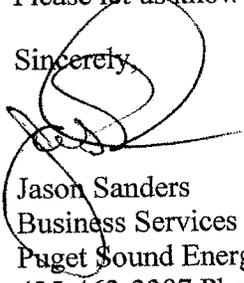
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Sincerely,



Jason Sanders  
Business Services Manager  
Puget Sound Energy  
425-462-3397 Phone  
425-462-3355 Fax  
[jason.sanders@pse.com](mailto:jason.sanders@pse.com)





## October 30<sup>th</sup>, Maloney Ridge / Sobiesky Customer Meeting Minutes

### Attendees:

Ed Schild, PSE Director Electric Operations	Jason Sanders, PSE Major Accounts Exec.
Rich Adams, PSE Sr. Electric Engineer	Mark Soetenga, Potelco VP Operations
Lynn Logen, PSE Supervisor Tariffs	Rob Dutcher, Frontier
Jennifer Boyer, PSE Supervisor Engineering	Jeff Porter, BPA
Gloria Atchison, BPA Region Resource. Spec.	Adelmo de la Cruz, BPA District Manager
Tony Minor, KC Manager Radio Comm. (call in)	David Wiegele, AT&T Field Tech (call in)
Denise Lorenz, Strata Inc. (call in)	Ron Sallabredra, AT&T Field Ops Mgr (call in)
Michelle Bacon, BNSF (call in)	

---

### Agenda:

- **Introductions - Sanders**
- **Maloney Ridge / Sobiesky outage history - Boyer**

Mark and Jenny shared PSE and Potelco's safety concerns associated with accessing the site. The number of outages has been increasing over the years and it's anticipated the frequency and duration will continue to increase. Weather, environmental conditions, age and cable splices degrade system reliability and without a replacement of the system, the cables will ultimately fail and service will not be provided. Weather and snow make it increasingly difficult to respond to outages. A system map showing outages to date has been distributed to the group.

- **Customer contingency plans - Boyer**

Customers discussed contingency plans including maintenance, generators and equipment such as snow cats for clearing roads and providing restoration support.

**AT&T** maintains the generator for all the companies in the Maloney Ridge Association. They have a 3000 gallon fuel tank for their diesel generator (last till late spring / early summer). They have a snow cat and equipment that may be available to assist in restoration efforts.

**BNSF** has snow cats and can assist with road clearing but coordination must be made through the Forest Service.

**King County** has a 5000 gallon fuel tank for their diesel generator on standby at Sobiesky that should last 2.5-3 months. WADOT has snow cats, road clearing equipment and a helicopter they could use if needed for restoration. They are located on Sobiesky which is higher elevation than Maloney. It is typically not accessible by vehicle until after July 4<sup>th</sup>.

**Frontier** has a 1500 gallon diesel generator and a snow cat located in Monroe that could be used for road clearing.

- **Outage communication plans - Sanders**

Jason will create a customer contact sheet to be used for communications amongst all customers. The group agreed to review the contact list (attached) and provide a prioritized company / agency contact to be notified in the event of an outage. The preferred method would be to provide a 24x7 emergency number. This list can be utilized for all scheduled and non-scheduled outage notifications. Please forward all outage communication information to Jason.

- **Discussion of options for continued service of the electrical system - Soetenga**

This coming winter is of real concern to PSE and Potelco. The snow creates tremendous difficulty in locating direct buried cable faults. Meetings will be scheduled in the near future to identify options for system upgrades. The group voiced that system upgrade/improvement costs need to be shared as soon as possible so that budgets could be established.

The Service Agreements were discussed and Lynn noted that financing arrangements would be considered and communicated to the customers. Please contact Jason if you need a copy of your Service Agreement.

Permitting was identified as a significant scheduling impact and a permitting meeting will be held in late November / early December with customers to identify ways to expedite this process. Support from the Forest Service and other agencies will be needed.

PSE and Potelco have appointed a Project Manager to oversee the project and construction meetings will be scheduled with customers in the near future to address scope, schedule and costs associated with reliability options under consideration for the 8.5 miles of direct bury cable. Mark Soetenga cautioned the group about providing estimates but an estimate without taking into consideration permitting could be \$3M-\$4M and the number could be firmed up in future meetings. Estimates will be provided as a percentage of the customer ownership and the details of deferred payments will be provided. Options will be considered for replacing the whole system and replacing sections of the system.

Please notify Jason if there are other individuals or agencies (WSP, Forest Service, etc), that need to be added to the communication plan or distribution list.

- **Customer cost split by percentage**

A request was made during the meeting to outline the customer costs split by percentage. Jennifer Boyer has provided the following information based on cable lengths serving each customer. Please contact Jennifer if you have any questions or need further clarification regarding the cost split.

BNSF (at the bottom of the mountain)			6.62%
Maloney Ridge Users (on Maloney Ridge)			31.57%
	% of Maloney Users charges	% of total cost	
BNSF	22.66%	7.15%	
AT&T	28.69%	9.06%	
Verizon Wireless	34.77%	10.98%	
BPA	13.89%	4.38%	
Frontier (on Maloney Ridge)			31.57%
King County (on Sobiesky Mountain)			30.24%

We appreciate your support and partnership in these efforts. Please contact me if you have any questions or edits to the meeting minutes and I will be in touch soon as additional meetings and communications are planned.

**Jason Sanders**

Major Account Executive  
 PUGET SOUND ENERGY  
 425.462.3397 tel  
 425.766.1607 cell  
 10885 NE 4th Street PSE-11N  
 Bellevue, WA 98004-5591  
[www.pse.com](http://www.pse.com)

## November 29<sup>th</sup>, Maloney Ridge / Sobiesky Customer Meeting Minutes

Jason Sanders, PSE Major Accounts Exec.	Rob Dutcher, Frontier (call in)
Rich Adams, PSE Sr. Electric Engineer	Shirley Vangen, Verizon (call in)
Dave Schumacher, Quanta Engineer	Denise Lorenz, Strata Inc. (call in)
Andy Markos, PSE Land Planning (call in)	Tony Minor, KC Manager Radio Comm. (call in)
Molly Reed, PSE Project Manager	Dalen Wintermute, BNSF (call in)
Jeff Talley, BNSF (call in)	Michael Murphy, BNSF (call in)
Greg Britts, BNSF (call in)	

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Jason kicked off the meeting with introductions. Andy (PSE Land Planning) discussed the permitting process and outlined the 3 levels of permitting: 1) Decision Memo, 2) Environmental Analysis and 3) Environmental Impact Statement. Andy is hopeful that most of the work on Maloney and Sobiesky can be performed under a Decision Memo (easiest level of permitting). Permitting options #2 and #3 may have significant timing impacts as the weather and lengthy process could cause significant delays to the construction schedule. Andy is moving forward with the permitting process and will keep the team posted of the progress.

Greg raised concern that he thought this meeting was to discuss construction options and costs. Jason noted the meeting on October 30<sup>th</sup> covered this topic (see meeting minutes below). Rich highlighted the original construction in 1972 and cited the customer agreements. Tony asked that all customers carefully review their original agreements, PSE Schedule 85 and disputed the interpretation of repair/maintenance versus replacement of the system. The PSE/Quanta representatives stated that a phased approach is under review and all options and payment arrangements are being considered.

### Next Steps:

- 1) Send revisions of the customer contact list (attached) to Jason. Contacts for Jeff, Michael, Dalen and Greg are needed for BNSF.
- 2) Review the 11/29/12 meeting minutes and let Jason know if there are any edits.
- 3) Molly, Dave, Rich and Jenny (PSE/Quanta) will finalize options and estimates and will distribute to the distribution list.

## October 30<sup>th</sup>, Maloney Ridge / Sobiesky Customer Meeting Minutes

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Rich Adams, PSE Sr. Electric Engineer	Mark Soetenga, Potelco VP Operations
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The Service Agreements were discussed and Lynn noted that financing arrangements would be considered and communicated to the customers. Please contact Jason if you need a copy of your Service Agreement.

Permitting was identified as a significant scheduling impact and a permitting meeting will be held in late November / early December with customers to identify ways to expedite this process. Support from the Forest Service and other agencies will be needed.

PSE and Potelco have appointed a Project Manager to oversee the project and construction meetings will be scheduled with customers in the near future to address scope, schedule and costs associated with reliability options under consideration for the 8.5 miles of direct bury cable. Mark Soetenga cautioned the group about providing estimates but an estimate without taking into consideration permitting could be \$3M-\$4M and the number could be firmed up in future meetings. Estimates will be provided as a percentage of the customer ownership and the details of deferred payments will be provided. Options will be considered for replacing the whole system and replacing sections of the system.

Please notify Jason if there are other individuals or agencies (WSP, Forest Service, etc), that need to be added to the communication plan or distribution list.

- **Customer cost split by percentage**

A request was made during the meeting to outline the customer costs split by percentage. Jennifer Boyer has provided the following information based on cable lengths serving each customer. Please contact Jennifer if you have any questions or need further clarification regarding the cost split.

BNSF (at the bottom of the mountain)		6.62%
Maloney Ridge Users (on Maloney Ridge)		31.57%
	% of Maloney Users charges	% of total cost
BNSF	22.66%	7.15%
AT&T	28.69%	9.06%
Verizon Wireless	34.77%	10.98%
BPA	13.89%	4.38%
Frontier (on Maloney Ridge)		31.57%
King County (on Sobiesky Mountain)		30.24%

We appreciate your support and partnership in these efforts. Please contact me if you have any questions or edits to the meeting minutes and I will be in touch soon as additional meetings and communications are planned.

**Jason Sanders**

Major Account Executive  
 PUGET SOUND ENERGY  
 425.462.3397 tel  
 425.766.1607 cell  
 10885 NE 4th Street PSE-11N  
 Bellevue, WA 98004-5591  
[www.pse.com](http://www.pse.com)

Cable #	Footage	Date	Year	I-#	Cost	Comments
33550		9/27/2007	2007	9152	\$ 8,000	
Year	1988	1/14/2008	2008	9191	\$ 14,200	
Size	1000	8/4/2008	2008	4594	\$ 7,800	
38338		6/20/1995	1995			
Year	1988	2/15/2002	2002	8942	\$ 8,900	
Size	13200	10/12/2006	2006	5846	\$ 7,800	
along road		10/22/2009	2009	9462	\$ 14,198	
33549		7/24/1993	1993			
Year	1988	7/28/2003	2003	1055	\$ 5,500	
Size	4752	9/30/2005	2005	4728	\$ 9,500	
		8/8/2006	2006	1806	\$ 11,000	
		1/20/2007	2007	1901	\$ 20,000	
		8/28/2007	2007	7322	\$ 8,300	
		10/10/2007	2007	1183	\$ 8,800	
		10/20/2008	2008	2971	\$ 6,600	
		9/5/2009	2009	5331	\$ 10,524	
		9/30/2010	2010	4504	\$ 6,918	
		2/24/2011	2011	9816	\$ 52,394	
		7/25/2012	2012	5107		
		8/8/2012	2012	6066		
		8/18/2012	2012	6691		
		8/19/2012	2012	6751		
33548		9/5/1991	1991			
Year	1988	6/27/1997	1997			
Size	5300	8/27/2001	2001	3610	\$ 7,200	
		10/25/2003	2003	7042	\$ 7,600	
		8/11/2003	2003	1852	\$ 8,200	
		7/10/2004	2004	4013	\$ 16,400	
		7/27/2004	2004	5067	\$ 6,100	
		8/20/2004	2004	6626	\$ 7,600	
		10/4/2005	2005	5000	\$ 8,800	
		7/14/2007	2007	4068	\$ 9,500	
		6/8/2009	2009	6223	\$ 8,200	
		7/20/2010	2010	7591	\$ 7,035	
		8/10/2010	2010	9344	\$ 9,374	
		9/21/2010	2010	3787	\$ 8,507	
		7/11/2011	2011	9892	\$ 7,536	
		2/23/2012	2012	4282	\$ 7,189	
		7/24/2012	2012	5047		
		8/17/2012	2012	6656		
33547		8/11/2001	2001	2505	\$ 10,195	
Year	1988	9/14/2001	2001	4584	\$ 3,320	
Size	6336	8/29/2002	2002	1147	\$ 10,100	
		6/14/2003	2003	7365	\$ 2,300	
		9/21/2003	2003	4268	\$ 4,000	
		12/7/2003	2003			

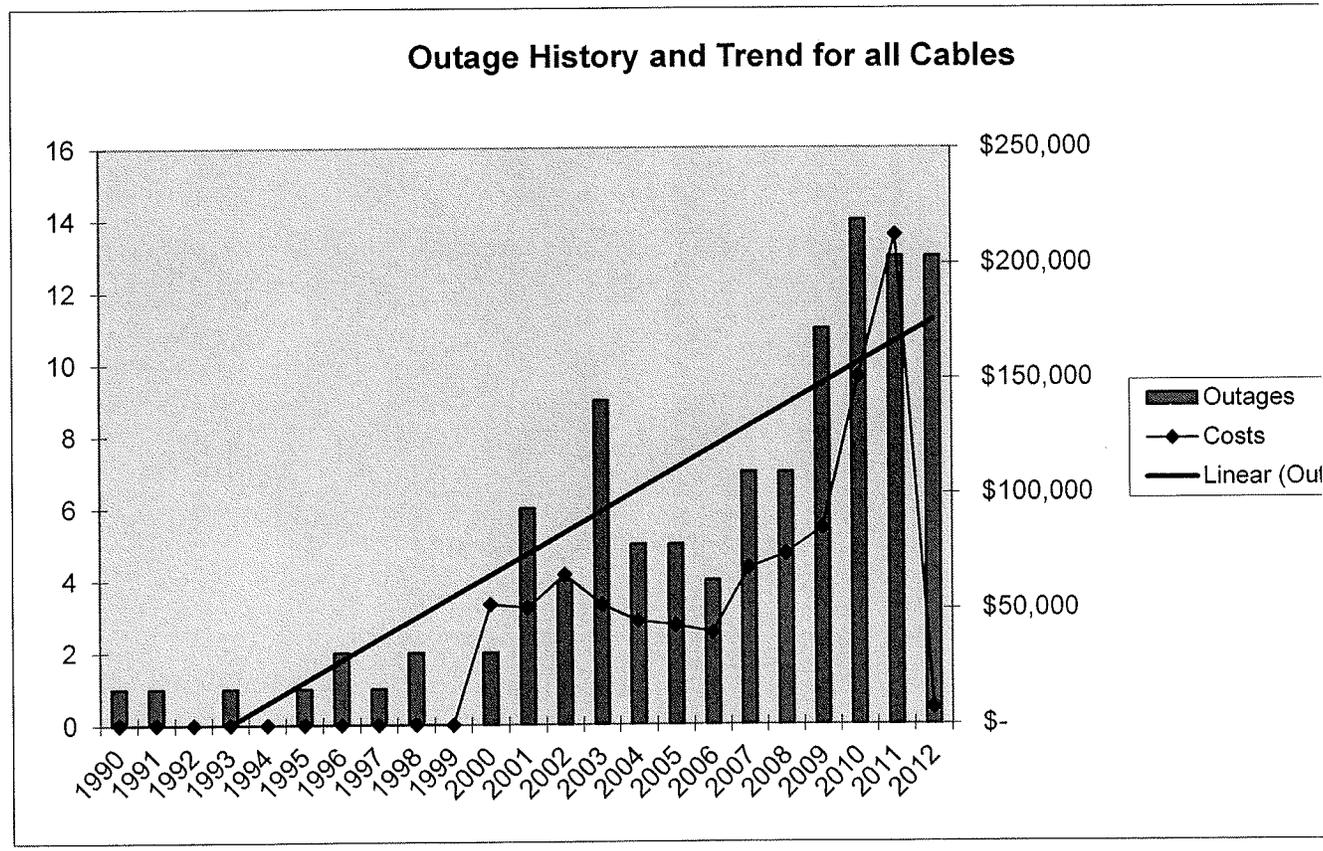
7/12/2004	2004	4202	\$	7,200
6/30/2005	2005	7392	\$	8,400
10/2/2005	2005	4807	\$	9,400
9/10/2006	2006	3968	\$	9,000
7/29/2007	2007	5233	\$	7,800
7/31/2007	2007	5402	\$	5,400
11/6/2008	2008	4460	\$	9,400
11/14/2008	2008	5390	\$	11,000
6/20/2009	2009	7349	\$	9,800
8/6/2009	2009	2807	\$	8,973
7/31/2010	2010	8486	\$	12,812
9/26/2010	2010	4240	\$	12,789
10/7/2010	2010	4897	\$	7,938
10/10/2010	2010	5125	\$	12,544
5/11/2011	2011	6004	\$	19,312
5/27/2011	2011	7050	\$	19,873
7/3/2011	2011	9380	\$	10,455
10/3/2011	2011	7188	\$	8,226
10/18/2011	2011	8211	\$	9,500
11/4/2011	2011	9378	\$	6,809
7/19/2012	2012	4620		
7/31/2012	2012	5429		
8/20/2012	2012	6819		

33546		7/11/1998	1998		
Year	1988	7/13/1998	1998		
Size	5800	8/20/2001	2001	2971	\$ 8,200
		9/11/2001	2001	4457	\$ 7,400
		12/11/2001	2001	5504	\$ 14,333
		8/16/2002	2002	9457	\$ 4,200
		6/12/2003	2003	7287	\$ 11,100
		10/6/2003	2003	5059	\$ 6,500
		7/12/2006	2006	8789	\$ 11,900
		7/1/2008	2008	2026	\$ 14,000
		7/23/2009	2009	1330	\$ 5,432
		8/11/2009	2009	3288	\$ 8,365
		8/20/2009	2009	4155	\$ 5,654
		8/26/2009	2009	4533	\$ 4,206
		2/21/2010	2010	4049	\$ 10,571
		3/1/2010	2010	4618	\$ 9,629
		7/22/2010	2010	7842	\$ 12,634
		9/2/2010	2010	2393	\$ 7,258
		9/11/2010	2010	2995	\$ 10,870
		3/8/2011	2011	1935	\$ 33,952
		7/5/2011	2011	9467	\$ 8,724
		7/16/2011	2011	1331	\$ 10,221
		11/13/2011	2011	1083	\$ 12,087
		7/16/2012	2012	4422	
		8/18/2012	2012	6691	

33390 5/1/1996 1996

Year	1988	3/23/2000	2000		\$	52,140
Size	2112	6/1/2000	2000		x	
		1/30/2004	2004	5937	\$	7,500
8046		1/24/2002	2002	7974	\$	41,800
Year ?		7/15/2009	2009	9623	\$	4,500
Size	1584					
33544		7/27/1996	1996			
Year	1999	6/11/2003	2003	7235	\$	6,800
Size	6336	7/9/2008	2008	2708	\$	11,000
		5/16/2012	2012	9439		
33545		7/30/1990	1990			
Year	1988	4/6/2005	2005	1990	\$	6,800
Size	5808	10/8/2009	2009	7958	\$	5,405
		2/28/2010	2010	4535	\$	21,982
		7/2/2011	2011	9320	\$	13,070
Total Footage	52228					
Total footage of worst cables (33546, 47, 48)	17436					

Total Outages 109



13200

Outage history for all cables				Outage his
Year	Outage by year	cost by year	avg cost per outage	Outage by year
1990	1	\$ -		0
1991	1	\$ -		1
1992	0	\$ -		0
1993	1	\$ -		0
1994	0	\$ -		0
1995	1	\$ -		0
1996	2	\$ -		0
1997	1	\$ -		1
1998	2	\$ -		2
1999	0	\$ -		0
2000	2	\$ 52,140	\$ 26,070	0
2001	6	\$ 50,648	\$ 8,441	6
2002	4	\$ 65,000	\$ 16,250	2
2003	9	\$ 52,000	\$ 5,778	7
2004	5	\$ 44,800	\$ 8,960	4
2005	5	\$ 42,900	\$ 8,580	3
2006	4	\$ 39,700	\$ 9,925	2
2007	7	\$ 67,800	\$ 9,686	3
2008	7	\$ 74,000	\$ 10,571	3
2009	11	\$ 85,257	\$ 7,751	7
2010	14	\$ 150,861	\$ 10,776	12
2011	13	\$ 212,402	\$ 16,339	11
2012	13	7189	\$ 553	8
	109			72

percentage of outages for Maloney  
 Ridge 66%

Sum of Cost	
Year	Total
1990	
1991	
1993	
1995	
1996	

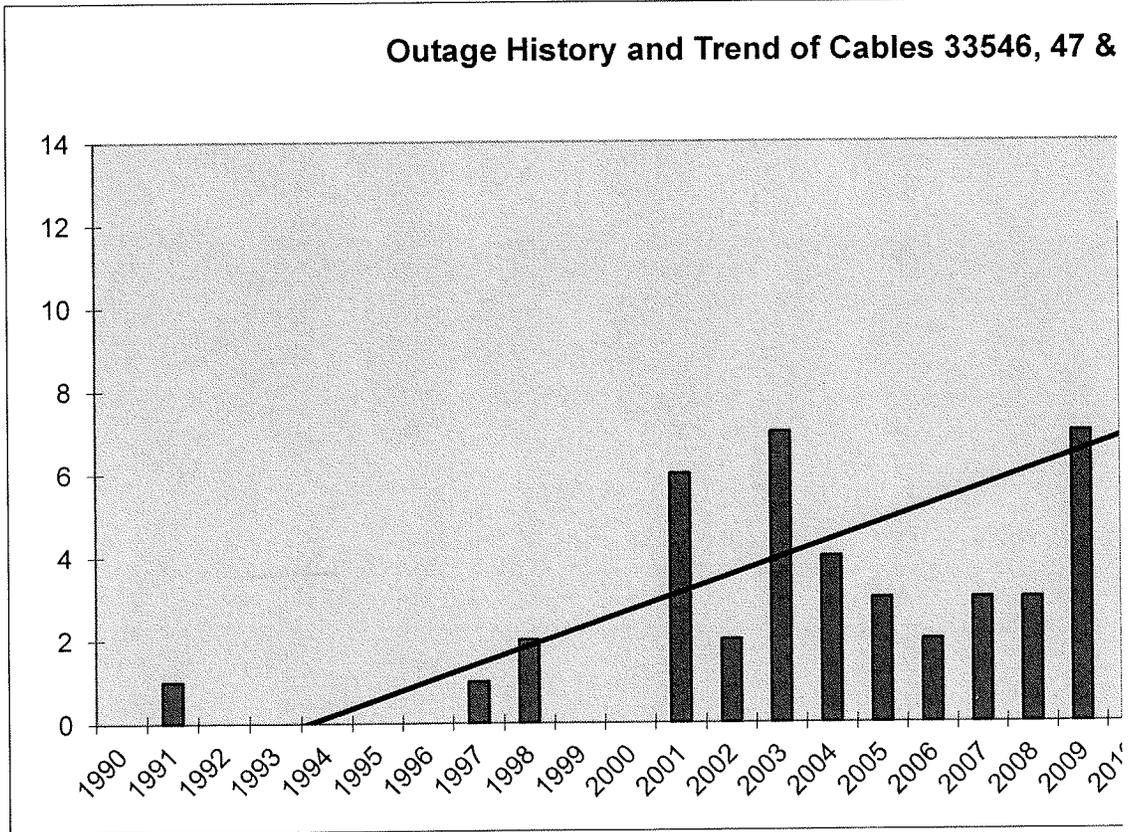
1997	
1998	
2000	52140
2001	50648
2002	65000
2003	52000
2004	44800
2005	42900
2006	39700
2007	67800
2008	74000
2009	85257
2010	150861
2011	212402
2012	7189
Grand Total	944697

Accessories

Date	Cable	Year	I#	Accessory
7/16/2012		8046	2012	4422 UFJ
3/12/2012		33546	2012	UEL
7/2/2010		33549	2010	UEL

pages)

**Outage History and Trend of Cables 33546, 47 &**



**BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**Docket No. UE-141335  
Puget Sound Energy, Inc.'s  
Petition for Declaratory Order of King County et al.  
Regarding Maloney Ridge Line**

**WUTC STAFF DATA REQUEST NO. 018**

**WUTC STAFF DATA REQUEST NO. 018:**

**Safety, Reliability, and Technical Issues**

Please provide evidence that could substantiate the petitioners' statement that PSE has indicated that "it must replace the Maloney Ridge Line to provide safe and reliable service?"<sup>1</sup>

**Response:**

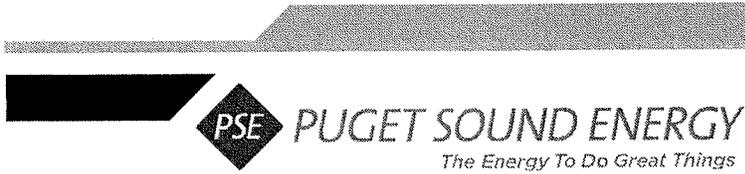
According to Puget Sound Energy, Inc.'s ("PSE") usual reliability metrics, the underground cable system serving the Maloney Ridge customers has higher frequency and duration of outages than circuits in PSE's service territory that are considered reliable. PSE has not indicated that the customers must replace the Maloney Ridge line. To maintain reliable service, however, PSE has recommend that the Maloney Ridge customers review different options, including but not limited to line replacement. Without taking any action, the number and duration of outages will continue to increase, and it is expected that, at some point, without any remediation, the cable will no longer be possible to repair without at least some sectional replacement.

Attached as Attachment A to PSE's Response to WUTC Staff Data Request No. 018, please find minutes from a meeting on March 18, 2013, with the petitioners.

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<sup>1</sup> Petition ¶28.

# **ATTACHMENT A to PSE's Response to WUTC STAFF Data Request No. 018**



## Maloney Ridge Electrical Service Next Steps Meeting Notes

10-11:00am, Call-in 1-888-960-5962, Conf. ID: 922016

### Attendees

Name	Dept	Call in	In Person	E-Mail Address
Jason Sanders	PSE		✓	<a href="mailto:jason.sanders@pse.com">jason.sanders@pse.com</a>
Larry Berdan	PSE		✓	<a href="mailto:larry.berdan@pse.com">larry.berdan@pse.com</a>
Rich Adams	PSE		✓	<a href="mailto:rich.adams@pse.com">rich.adams@pse.com</a>
Molly Reed	PSE		✓	<a href="mailto:molly.reed@pse.com">molly.reed@pse.com</a>
Dave Schumacher	Potelco	✓		<a href="mailto:david.schumacher@pse.com">david.schumacher@pse.com</a>
Eric Holmgren	Potelco	✓		<a href="mailto:eholmgren@potelco.net">eholmgren@potelco.net</a>
Denise Lorenz	Strata Inc	✓		<a href="mailto:dlorenz@statainc.com">dlorenz@statainc.com</a>
Adelmo de la Cruz	BPA	✓		<a href="mailto:aadelacruz@bpa.gov">aadelacruz@bpa.gov</a>
Ron Sallabedra	AT&T	✓		<a href="mailto:rs3418@att.com">rs3418@att.com</a>
Shirley Vangen	Verizon	✓		<a href="mailto:shirley.vangen@verizonwireless.com">shirley.vangen@verizonwireless.com</a>
Heather Campbell	Verizon	✓		<a href="mailto:Heather.Campbell3@verizonwireless.com">Heather.Campbell3@verizonwireless.com</a>
Marcus Wellsandt	Verizon	✓		<a href="mailto:Marcus.wellsandt@verizonwireless.com">Marcus.wellsandt@verizonwireless.com</a>
James McPherson	Verizon	✓		<a href="mailto:James.mcpherson@verizonwireless.com">James.mcpherson@verizonwireless.com</a>
David Schultz	Verizon	✓		<a href="mailto:David.schultz@verizonwireless.com">David.schultz@verizonwireless.com</a>
Rob Dutcher	Frontier	✓		<a href="mailto:rob.dutcher@ftr.com">rob.dutcher@ftr.com</a>
Sean Pullman	AT&T	✓		

### Meeting Notes:

Welcome and Introductions – Jason Sanders

### Overview:

Service to the Maloney and Sobieski communication sites is provided by approximately 8.5 miles of single phase 15kV underground cable originally trenched and plowed up the Foss River Road to the sites in 1971 or 1972. The system has had over 100 cable faults since it was originally installed. The number of outages has been increasing over the years and it is anticipated that frequency and duration will continue to increase. Weather, environmental conditions, age of the cable and splices decreases system reliability and without a replacement of the system, the cables will ultimately fail.

### Project Milestones:

- Mid-April customers have selected a maintenance option



- End of April, PSE submits applicable permits with Forest Service based on maintenance option (Forest Service needs full summer for field investigation)
- End of year 2013/early 2014, Forest Service issues Decision Memo or Environmental Analysis for construction activities
- July 2014 Construction activities start

**Questions:**

Several questions were asked about the rate tariffs, current contract, the percent breakdown per customer for each option and the outage history and associated maintenance costs per year.

Attached to this pdf is:

Rate Tariffs

Contract

Percent breakdown per customer

Outage history and costs

Maloney Ridge Maintenance Estimates for each Option

The question was also asked which option PSE would recommend at this time. PSE recommends option 3 (see attached PDF of options), which replaces the 4 segments of cable with the largest number of outages. Replacing these 4 segments will increase the reliability of the whole system. PSE does want to note that the other cable segments that were not replaced now will need to be replaced at some point down the road.

At the last meeting the question was asked if the estimates could go up. The answer is yes. These estimates are only conceptual in nature at this point. All known assumptions and risks have been included. At this point no engineering has been done which makes it difficult to start too narrow down the cost. Once an option has been decided by the customers, a more refined estimate can be generated.

**Maintenance Option picked by Customers:**

All customers at this point indicated that they are still having internal discussions and have not decided on any option.

**Next Steps:**

The customers need to complete internal discussions and a discussion amongst themselves about the options and associated costs and come to an agreeable solution. Jason is going to set up another meeting mid April to discuss if an option has been selected so PSE can proceed with permitting.

**Conclusion:**

Jason concluded the meeting with his thanks to everyone's for their participation and patience as we work these options.

AGREEMENT RELATING TO  
EXTENSION OF ELECTRICAL SERVICE

AGREEMENT made this 23 day of SEPTEMBER, 1971  
by and between PUGET SOUND POWER & LIGHT COMPANY ("Puget") and  
GENERAL TELEPHONE COMPANY OF THE NORTHWEST, INC. ("General Tel.").

RECITALS

A. General Tel. owns and operates a microwave station  
("Microwave Station") on Maloney Ridge and located in Section 36,  
Township 26 North, Range 11 East, W.M., in King County, Washington.

B. Puget is a public service corporation engaged in  
the business of distributing electrical energy in the vicinity of  
General Tel.'s Microwave Station.

C. General Tel. has requested Puget to extend single  
phase electric service to the Microwave Station, and Puget is  
willing to extend such service under the following terms and con-  
ditions.

AGREEMENTS

The parties hereto agree as follows:

1. Installation. Puget will furnish and install a  
single phase primary electrical distribution system ("Distribution

System") from Puget's Existing Facilities (presently terminating at Pole No. 15, approximately seven miles from the Microwave Station) along Foss River Road to Maloney Lookout Road and along Maloney Lookout Road to a transformer located at the Microwave Station. Puget will use its best efforts to complete the Distribution System during the construction months of the summer of 1971. The Distribution System shall be constructed underground in areas where it is located on property belonging to the United States of America.

2. Rights of Way. Installation of the Distribution System is contingent upon the ability of Puget to acquire necessary rights of way along Foss River Road and Maloney Lookout Road between Puget's Existing Facilities and the transformer at the Microwave Station site, and General Tel. will cooperate with Puget in securing all necessary rights of way for the Distribution System. If the rights of way secured are revocable or in any other way less than perpetual, Puget reserves the right to terminate service to the Microwave Station upon the termination and nonrenewal of any necessary right of way. If Puget is terminating service, it shall remove the Distribution System and General Tel. shall pay all Puget's actual costs incurred in such removal. The cost of all renewals of such rights of way shall be borne by General Tel.

3. Maintenance. The Distribution System from the primary metering point (to be located along the Distribution System approximately 3,500 feet from Puget's Existing Facilities) to the transformer

at the Microwave Station site shall be maintained only by Puget or a contractor selected by it and the actual cost of such maintenance shall be borne by General Tel. and shall be invoiced by Puget to General Tel. Maintenance as used herein shall include the furnishing of all necessary manpower, materials, and equipment to keep the Distribution System in operating condition.

4. Excuse of Performance and Excusable Delay. Puget shall be excused from performing any of its obligations hereunder to the extent that such performance is prohibited by causes beyond the control of Puget including, without limitation, acts of God, adverse weather, and lack of necessary rights of way, and to the extent that any cause beyond the control of Puget, including without limitation the foregoing, delays performance by Puget of any of its obligations hereunder, Puget shall have no liability to General Tel. for such delay and General Tel. hereby waives the right to make any claim for delay against Puget occasioned by such causes.

5. Payment for Installation. General Tel. shall pay all Puget's actual costs incurred in constructing the Distribution System from Puget's Existing Facilities to the transformer at the Microwave site. These costs include without limitation costs of engineering, surveying, and acquiring rights of way, and also include the costs of labor, supervision, materials, equipment, and overhead expense. Upon completion of the installation of the Distribution System, Puget will invoice the actual costs of the installation to General Tel. If performance by Puget is prohibited by any cause beyond

Puget's control as set out in paragraph 4, General Tel. shall pay Puget's costs incurred up to the time further performance by Puget is prohibited.

6. Right to Serve Additional Customers. Puget reserves the right to serve customers in addition to General Tel. from the Distribution System and may provide such service without refunding to General Tel. any portion of the original cost of installation paid by General Tel. (*See addendum following page 6*)

7. Metering. General Tel.'s use of primary power shall be metered at the primary metering point to be located along the Distribution System approximately 3,500 feet from Puget's Existing Facilities and General Tel. shall therefore be responsible for the use of all power lost in transmission between the primary metering point and the Microwave Station site.

If Puget serves additional customers from the Distribution System beyond General Tel.'s primary metering point, those customers' use of power shall be primary metered at the points along the Distribution System at which their service is taken. General Tel. shall pay for the difference between the quantity of electricity used as indicated by the meter at the primary metering point and the sum of the quantities of electricity used as indicated by the primary meter(s) of any additional customers.

8. Payment for Electrical Power. General Tel. shall pay for electric power furnished through the Distribution System at the rates set out in Puget's rate Schedule 30, Tariff I, as it may be amended, on file with the Washington Utilities and Transportation Commission provided, however, that the minimum annual charges for said electrical power shall be \$1,300 and in case of any increase in the rate of personal property taxes of the State of Washington levied against the property of Puget including the Distribution System, the minimum annual charge shall be increased proportionately. If Puget serves additional customers from the Distribution System beyond the primary metering point, Puget may bill General Tel. on an estimated basis for the difference between the quantity of electricity used as indicated by the meter at the primary metering point and the sum of the estimated quantities of electricity used by the additional customers. Such billings shall be adjusted when weather and seasonal conditions permit the reading of the meters of the additional customers.

9. Ownership of the Distribution System. The Distribution System shall be and remain the sole and exclusive property of Puget.

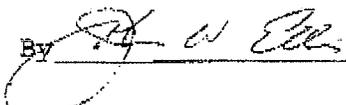
10. Termination by General Tel. If General Tel. requests the discontinuance of electric service of the Microwave Station, Puget shall have the option to remove the Distribution System or any part thereof within a reasonable time following the effective date of such discontinuance of service. In the event that Puget

elects to remove all or part of the distribution system, General Tel. shall pay all Puget's actual costs incurred in such removal.

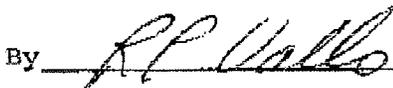
11. Miscellaneous. This Agreement and the parties' rights and obligations hereunder shall be construed and interpreted in all respects in accordance with the laws of the State of Washington and this Agreement shall be binding on the parties' successors and assigns.

EXECUTED as of the day and year first above written.

PUGET SOUND POWER & LIGHT COMPANY

By   
Title Vice President

GENERAL TELEPHONE COMPANY OF  
THE NORTHWEST, INC.

By   
Title Its Vice President-Operations Staff

**ADDENDUM TO:  
AGREEMENT RELATING TO  
EXTENSION OF ELECTRICAL SERVICE**

This Addendum is hereby made a part of said Agreement and cancels paragraph number 6 and replaces said paragraph with the following:

6. Right To Serve Additional Customers. Puget reserves the right to serve customers in addition to General Tel. from the Distribution System. Puget will arrange with potential customers a reasonable and equitable construction cost to be reimbursed to General Tel. for the cost incurred for the original line extension covered by this Agreement with the exception of the Forest Service which will be permitted one service connection from this Distribution System with no reimbursement to General Tel. This service will be located approximately 600 feet southeast of General Tel.'s Microwave Station. Reimbursements under this agreement will be limited to period not exceeding five (5) years after date the system is energized.

PUGET SOUND POWER & LIGHT COMPANY

By *[Signature]*

Title Vice President

Date September 23, 1971

GENERAL TELEPHONE COMPANY OF THE  
NORTHWEST, INC.

By *[Signature]*

Title Its Vice President - Operations Staff

Date September 23, 1971

SERVICE AGREEMENT

This Agreement, dated as of this 20<sup>th</sup> day of September 1994, by and between the parties signing below ("Customer" or "Customers") and PUGET SOUND POWER & LIGHT COMPANY, a Washington Corporation ("Puget").

RECITALS

A. Puget is a public service company engaged in the sale and distribution of electricity.

B. Pursuant to the economic feasibility provisions (paragraph 13) of its Electric Tariff G, Schedule 85, Puget constructed a single phase primary voltage electrical distribution system ("System") to serve the area known as Maloney Ridge ("Maloney Ridge") located in Section 36, Township 26 North, Range 11 East, W.M., in King County, Washington. The System extends from the primary metering point which is approximately 3,500 feet from Pole No. 15, along Foss River Road to Maloney Lookout Road to Maloney Ridge.

C. The System was originally constructed under an agreement dated September 23, 1971 ("Prior Agreement") between Puget and the General Telephone Company of the Northwest, Inc. ("GTE") to serve a GTE microwave station. Subsequent agreements dated April 21, 1994 with GTE and dated June 2, 1994 with King County were also signed. All these agreements shall be known as "Prior Agreements".

D. Pursuant to the Prior Agreements, Puget may connect additional customers to the System.

E. Puget wishes to establish the terms and conditions under which additional customers will be connected to the System.

AGREEMENT

1. Scope of Agreement. This Agreement governs the operation of the System and the recovery of the costs associated therewith. Electrical service provided by Puget to Customers shall be governed by the terms and provisions of Puget's Electric Tariff G.

2. Ownership of System. The System shall at all times remain the sole and exclusive property of Puget.

3. Repair and Maintenance of System. Puget shall be responsible for repairing and maintaining the System, including the furnishing of all necessary labor, materials, and equipment to keep the System in good operating condition.

4. Operating Costs. As authorized by the economic feasibility provisions (paragraph 13) of Schedule 85 of Puget's Electric Tariff G, the Customers agree that all operating costs in connection with the System will be shared among the Customers. The share paid shall be determined as shown by the following examples:

For the first customer beyond the primary metering point, that customer's share shall be equal to the operating costs incurred on the portion of the line starting at the primary metering point up to that customer's point of delivery (the "First Portion") divided by the number of customers being served by the First Portion of the line (all customers would share in the first portion of the line).

The second customer beyond the primary metering point will share equally in the operating costs of the First Portion of line as described above, plus share equally in the operating costs from the first customer's point of delivery to the second customer's point of delivery (the "Second Portion") divided by the number of customers being served by the Second Portion of the line.

The final customer on the line would share equally in the operating costs of all portions of the line divided by the number of customers being served by each portion of the line.

Operating costs shall include any repair and maintenance costs incurred by Puget pursuant to Section 3 above, and costs in connection with securing or maintaining operating rights.

5. Payment of Operating Costs. During January of each year, Puget shall determine the operating costs incurred during the preceding calendar year. Puget shall invoice each Customer an amount equal to such share of operating costs as determined in paragraph 4 above, as of the preceding December 31. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customer's receipt of the invoice. A customer no longer receiving electrical service from Puget though the System may, upon thirty (30) days notice to Puget, terminate its participation under this Agreement and any further obligation with respect to payment of operating costs; provided, however, that if such Customer reconnects to the System and becomes a party to this Agreement within one (1) year thereafter, such Customer shall pay its share of operating costs as if such Customer had remained a party to this Agreement.

6. Default. The parties agree that payment of operating costs to Puget is authorized by Schedule 85, paragraph 13 of Puget's Electric Tariff G. Upon failure of any Customer to pay to Puget amounts billed in accordance with Section 5 above, Puget may pursue any of the remedies available to it under the General Rules and Provision (Schedule 80) of its Electric Tariff G and the regulations for failure by customers to pay for electrical service including, but not limited to, disconnection of electrical service.

7. Addition of New Customers. Additional residents within Maloney Ridge may become parties to this Agreement and thereafter be served from the System. A prospective new customer shall provide Puget a properly notarized letter indicating its desire to become a party to this agreement and indicating its willingness to abide by the terms and conditions of this Agreement. Such letter shall thereupon be attached to this Agreement and such party shall become a Customer under this Agreement. Such new customer shall pay a share of operating costs as determined in paragraphs 4 and 5 above, irrespective of the date electric service is initiated. Each customer receiving service from the System shall become a party to this agreement as a condition of receiving electrical service.

8. Removal of System. The parties expressly acknowledge that the operating rights for the System are not perpetual. If the rights of way are revocable or in any other way less than perpetual, Puget reserves the right to terminate service to Maloney Ridge upon the termination and nonrenewal of any necessary right. If Puget terminates service, it shall remove the System. Each Customer shall pay an equal share of Puget's actual costs incurred in such removal. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice.

9. Metering for Electrical Service. Customers shall provide suitable facilities, according to Puget's standards and the General Rules and Provisions, (Schedule 80) of Puget's Electric Tariff G, for installation of secondary voltage metering for the purpose of billing for electricity used. Puget shall install and read meters and, if necessary, may estimate readings during periods of adverse weather conditions.

10. Applicability of Other Provisions. This Agreement is subject to the General Rules and Provisions (Schedule 80) of Puget's Electric Tariff G and to Schedule 85 of such Tariff, as such Schedules may be revised from time to time upon approval of the Washington Utilities and Transportation Commission. Any conflict between this Agreement and Puget's Schedules 80 and 85 shall be resolved in favor of such tariff provisions.

11. Prior Agreement. Upon agreement of GTE and King County to this Agreement, the Prior Agreement and the Prior Agreements shall become null and void.

GTE Northwest, Inc.

Puget Sound Power & Light Company

BY: Elizabeth A. Edwards  
Name: Elizabeth A. Edwards  
Its: Vice President  
Date: 9/14/94

BY: [Signature]  
Name: FRANK P. OMBRES  
Its: GENERAL MANAGER  
Date: 9/20/94

FORM APPROVED  
RE Patten  
Attorney  
Date 9/13/94

### SERVICE AGREEMENT

This Agreement, dated as of this 12 day of December, 1994, by and between the parties signing below ("Customer" or "Customers") and PUGET SOUND POWER & LIGHT COMPANY, a Washington Corporation ("Puget").

### RECITALS

A. Puget is a public service company engaged in the sale and distribution of electricity.

B. Pursuant to the economic feasibility provisions (paragraph 13) of its Electric Tariff G, Schedule 85, Puget constructed a single phase primary voltage electrical distribution system ("System") to serve the area known as Maloney Ridge ("Maloney Ridge") located in Section 36, Township 26 North, Range 11 East, W.M., in King County, Washington. The System extends from the primary metering point which is approximately 3,500 feet from Pole No. 15, along Foss River Road to Maloney Lookout Road to Maloney Ridge.

C. The System was originally constructed under an agreement dated September 23, 1971 ("Prior Agreement") between Puget and the General Telephone Company of the Northwest, Inc. ("GTE") to serve a GTE microwave station. Subsequent agreements dated April 21, 1994 with GTE and dated June 2, 1994 with King County were also signed. All these agreements shall be known as "Prior Agreements".

D. Pursuant to the Prior Agreements, Puget may connect additional customers to the System.

E. Puget wishes to establish the terms and conditions under which additional customers will be connected to the System.

### AGREEMENT

1. Scope of Agreement. This Agreement governs the operation of the System and the recovery of the costs associated therewith. Electrical service provided by Puget to Customers shall be governed by the terms and provisions of Puget's Electric Tariff G.

2. Ownership of System. The System shall at all times remain the sole and exclusive property of Puget.

3. Repair and Maintenance of System. Puget shall be responsible for repairing and maintaining the System, including the furnishing of all necessary labor, materials, and equipment to keep the System in good operating condition.

4. Operating Costs. As authorized by the economic feasibility provisions (paragraph 13) of Schedule 85 of Puget's Electric Tariff G, the Customers agree that all operating costs in connection with the System will be shared among the Customers. The share paid shall be determined as shown by the following examples:

For the first customer beyond the primary metering point, that customer's share shall be equal to the operating costs incurred on the portion of the line starting at the primary metering point up to that customer's point of delivery (the "First Portion") divided by the number of customers being served by the First Portion of the line (all customers would share in the first portion of the line).

The second customer beyond the primary metering point will share equally in the operating costs of the First Portion of line as described above, plus share equally in the operating costs from the first customer's point of delivery to the second customer's point of delivery (the "Second Portion") divided by the number of customers being served by the Second Portion of the line.

The final customer on the line would share equally in the operating costs of all portions of the line divided by the number of customers being served by each portion of the line.

Operating costs shall include any repair and maintenance costs incurred by Puget pursuant to Section 3 above, and costs in connection with securing or maintaining operating rights.

5. Payment of Operating Costs. During January of each year, Puget shall determine the operating costs incurred during the preceding calendar year. Puget shall invoice each Customer an amount equal to such share of operating costs as determined in paragraph 4 above, as of the preceding December 31. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice. A customer no longer receiving electrical service from Puget though the System may, upon thirty (30) days notice to Puget, terminate its participation under this Agreement and any further obligation with respect to payment of operating costs; provided, however, that if such Customer reconnects to the System and becomes a party to this Agreement within one (1) year thereafter, such Customer shall pay its share of operating costs as if such Customer had remained a party to this Agreement.

6. Default. The parties agree that payment of operating costs to Puget is authorized by Schedule 85, paragraph 13 of Puget's Electric Tariff G. Upon failure of any Customer to pay to Puget amounts billed in accordance with Section 5 above, Puget may pursue any of the remedies available to it under the General Rules and Provision (Schedule 80) of its Electric Tariff G and the regulations for failure by customers to pay for electrical service including, but not limited to, disconnection of electrical service.

7. Addition of New Customers. Additional residents within Maloney Ridge may become parties to this Agreement and thereafter be served from the System. A prospective new customer shall provide Puget a properly notarized letter indicating its desire to become a party to this agreement and indicating its willingness to abide by the terms and conditions of this Agreement. Such letter shall thereupon be attached to this Agreement and such party shall become a Customer under this Agreement. Such new customer shall pay a share of operating costs as determined in paragraphs 4 and 5 above, irrespective of the date electric service is initiated. Each customer receiving service from the System shall become a party to this agreement as a condition of receiving electrical service.

8. Removal of System. The parties expressly acknowledge that the operating rights for the System are not perpetual. If the rights of way are revocable or in any other way less than perpetual, Puget reserves the right to terminate service to Maloney Ridge upon the termination and nonrenewal of any necessary right. If Puget terminates service, it shall remove the System. Each Customer shall pay an equal share of Puget's actual costs incurred in such removal. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice.

9. Metering for Electrical Service. Customers shall provide suitable facilities, according to Puget's standards and the General Rules and Provisions, (Schedule 80) of Puget's Electric Tariff G, for installation of secondary voltage metering for the purpose of billing for electricity used. Puget shall install and read meters and, if necessary, may estimate readings during periods of adverse weather conditions.

10. Applicability of Other Provisions. This Agreement is subject to the General Rules and Provisions (Schedule 80) of Puget's Electric Tariff G and to Schedule 85 of such Tariff, as such Schedules may be revised from time to time upon approval of the Washington Utilities and Transportation Commission. Any conflict between this Agreement and Puget's Schedules 80 and 85 shall be resolved in favor of such tariff provisions.

11. Prior Agreement. Upon agreement of GTE and King County to this Agreement, the Prior Agreement and the Prior Agreements shall become null and void.

Burlington Northern Railroad

Puget Sound Power &  
Light Company

By: *Russell J. Frazer*  
Name: Russell J. Frazer  
Its: Manager Signal Mtc  
Date: Dec. 27, 1994

By: *Kevin F. Owens*  
Name: Kevin F. Owens  
Its: General Manager  
Date: 1/3/95

## SERVICE AGREEMENT

This Agreement, dated as of this 29 day of MARCH, 1995, by and between the parties signing below ("Customer" or "Customers") and PUGET SOUND POWER & LIGHT COMPANY, a Washington Corporation ("Puget").

### RECITALS

A. Puget is a public service company engaged in the sale and distribution of electricity.

B. Pursuant to the economic feasibility provisions (paragraph 13) of its Electric Tariff G, Schedule 85, Puget constructed a single phase primary voltage electrical distribution system ("System") to serve the area known as Maloney Ridge ("Maloney Ridge") located in Section 36, Township 26 North, Range 11 East, W.M., in King County, Washington. The System extends from the primary metering point which is approximately 3,500 feet from Pole No. 15, along Foss River Road to Maloney Lookout Road to Maloney Ridge.

C. The System was originally constructed under an agreement dated September 23, 1971 ("Prior Agreement") between Puget and the General Telephone Company of the Northwest, Inc. ("GTE") to serve a GTE microwave station. Subsequent agreements dated April 21, 1994 with GTE and dated June 2, 1994 with King County were also signed. All these agreements shall be known as "Prior Agreements".

D. Pursuant to the Prior Agreements, Puget may connect additional customers to the System.

E. Puget wishes to establish the terms and conditions under which additional customers will be connected to the System.

### AGREEMENT

1. Scope of Agreement. This Agreement governs the operation of the System and the recovery of the costs associated therewith. Electrical service provided by Puget to Customers shall be governed by the terms and provisions of Puget's Electric Tariff G.

2. Ownership of System. The System shall at all times remain the sole and exclusive property of Puget.

3. Repair and Maintenance of System. Puget shall be responsible for repairing and maintaining the System, including the furnishing of all necessary labor, materials, and equipment to keep the System in good operating condition.

4. Operating Costs. As authorized by the economic feasibility provisions (paragraph 13) of Schedule 85 of Puget's Electric Tariff G, the Customers agree that all operating costs in connection with the System will be shared among the Customers. The share paid shall be determined as shown by the following examples:

For the first customer beyond the primary metering point, that customer's share shall be equal to the operating costs incurred on the portion of the line starting at the primary metering point up to that customer's point of delivery (the "First Portion") divided by the number of customers being served by the First Portion of the line (all customers would share in the first portion of the line).

The second customer beyond the primary metering point will share equally in the operating costs of the First Portion of line as described above, plus share equally in the operating costs from the first customer's point of delivery to the second customer's point of delivery (the "Second Portion") divided by the number of customers being served by the Second Portion of the line.

The final customer on the line would share equally in the operating costs of all portions of the line divided by the number of customers being served by each portion of the line.

Operating costs shall include any repair and maintenance costs incurred by Puget pursuant to Section 3 above, and costs in connection with securing or maintaining operating rights.

5. Payment of Operating Costs. During January of each year, Puget shall determine the operating costs incurred during the preceding calendar year. Puget shall invoice each Customer an amount equal to such share of operating costs as determined in paragraph 4 above, as of the preceding December 31. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice. A customer no longer receiving electrical service from Puget though the System may, upon thirty (30) days notice to Puget, terminate its participation under this Agreement and any further obligation with respect to payment of operating costs; provided, however, that if such Customer reconnects to the System and becomes a party to this Agreement within one (1) year thereafter, such Customer shall pay its share of operating costs as if such Customer had remained a party to this Agreement.

6. Default. The parties agree that payment of operating costs to Puget is authorized by Schedule 85, paragraph 13 of Puget's Electric Tariff G. Upon failure of any Customer to pay to Puget amounts billed in accordance with Section 5 above, Puget may pursue any of the remedies available to it under the General Rules and Provision (Schedule 80) of its Electric Tariff G and the regulations for failure by customers to pay for electrical service including, but not limited to, disconnection of electrical service.

7. Addition of New Customers. Additional residents within Maloney Ridge may become parties to this Agreement and thereafter be served from the System. A prospective new customer shall provide Puget a properly notarized letter indicating its desire to become a party to this agreement and indicating its willingness to abide by the terms and conditions of this Agreement. Such letter shall thereupon be attached to this Agreement and such party shall become a Customer under this Agreement. Such new customer shall pay a share of operating costs as determined in paragraphs 4 and 5 above, irrespective of the date electric service is initiated. Each customer receiving service from the System shall become a party to this agreement as a condition of receiving electrical service.

8. Removal of System. The parties expressly acknowledge that the operating rights for the System are not perpetual. If the rights of way are revocable or in any other way less than perpetual, Puget reserves the right to terminate service to Maloney Ridge upon the termination and nonrenewal of any necessary right. If Puget terminates service, it shall remove the System. Each Customer shall pay an equal share of Puget's actual costs incurred in such removal. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice.

9. Metering for Electrical Service. Customers shall provide suitable facilities, according to Puget's standards and the General Rules and Provisions, (Schedule 80) of Puget's Electric Tariff G, for installation of secondary voltage metering for the purpose of billing for electricity used. Puget shall install and read meters and, if necessary, may estimate readings during periods of adverse weather conditions.

10. Applicability of Other Provisions. This Agreement is subject to the General Rules and Provisions (Schedule 80) of Puget's Electric Tariff G and to Schedule 85 of such Tariff, as such Schedules may be revised from time to time upon approval of the Washington Utilities and Transportation Commission. Any conflict between this Agreement and Puget's Schedules 80 and 85 shall be resolved in favor of such tariff provisions.

11. Prior Agreement. Upon agreement of GTE and King County to this Agreement, the Prior Agreement and the Prior Agreements shall become null and void.

King County

By: *Donna R Nolan*  
Name: Donna R Nolan  
Its: \_\_\_\_\_  
Date: 3/22/95

Puget Sound Power &  
Light Company

By: *Wayne H. Hopman*  
Name: Wayne H. Hopman  
Its: General Manager - North King  
Date: March 29, 1995

## SERVICE AGREEMENT

This Agreement, dated as of this 16 day of June, 1995, by and between the parties signing below ("Customer" or "customers") and PUGET SOUND POWER & LIGHT COMPANY, a Washington Corporation ("Puget").

### RECITALS

A. Puget is a public service company engaged in the sale and distribution of electricity.

B. Pursuant to the economic feasibility provisions (paragraph 13) of its Electric Tariff G, Schedule 85, Puget constructed a single phase primary voltage electrical distribution system ("system") to serve the area known as Maloney Ridge ("Maloney Ridge") located in Section 36, Township 26 North, Range 11 East, W.M., in King County, Washington. The System extends from the primary metering point which is approximately 3,500 feet from Pole No. 15, along Foss River Road to Maloney Lookout Road to Maloney Ridge.

C. The System was originally constructed under an agreement dated September 23, 1971 ("Prior Agreement") between Puget and the General Telephone Company of the Northwest, Inc. ("GTE") to serve a GTE microwave station. Subsequent agreements dated April 21, 1994 with GTE and dated June 2, 1994 with King County were also signed. All these agreements shall be known as "Prior Agreements".

D. Pursuant to the Prior Agreement, Puget may connect additional customers to the System.

E. Puget wishes to establish the terms and conditions under which additional customers will be connected to the System.

### AGREEMENT

1. Scope of Agreement. This Agreement governs the operation of the System and the recovery of the costs associated therewith. Electrical service provided by Puget to Customers shall be governed by the terms and provisions of Puget's Electric Tariff G.

2. Ownership of System. The System shall at all times remain the sole and exclusive property of Puget.

3. Repair and Maintenance of System. Puget shall be responsible for repairing and maintaining the system, including the furnishing of all necessary labor, materials, and equipment to keep the system in good operating condition.

4. Operating Costs. As authorized by the economic feasibility provisions (paragraph 13) of Schedule 85 of Puget's Electric Tariff G, the Customers agree that all

operating costs in connection with the System will be shared among the Customers. The share paid shall be determined as shown by the following examples:

For the first customer beyond the primary metering point, that customer's share shall be equal to the operating costs incurred on the portion of the line starting at the primary metering point up to the customer's point of delivery (the "First Portion") divided by the number of customers being served by the First Portion of the line (all customers would share in the first portion of the line).

The second customer beyond the primary metering point will share equally in the operating costs of the First Portion of line as described above, plus share equally in the operating costs from the first customer's point of delivery to the second customer's point of delivery (the "Second Portion") divided by the number of customers being served by the Second Portion of the line.

The final customer on the line would share equally in the operating costs of all portions of the line divided by the number of customers being served by each portion of the line

Operating costs shall include any repair and maintenance costs incurred by Puget pursuant to Section 3 above, and costs in connection with securing or maintaining operating rights.

5. Payment of Operating Costs. During January of each year, Puget shall determine the operating costs incurred during the preceding calendar year. Puget shall invoice each Customer an amount equal to such share of operating costs as determined in paragraph 4 above, as of the preceding December 31. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of customer's receipt of the invoice. A customer no longer receiving electrical service from Puget through the System may, upon thirty (30) days notice to Puget, terminate its participation under this Agreement and any further obligation with respect to payment of operating costs; provided, however, that if such customer reconnects to the system and becomes a party to this Agreement within one (1) year thereafter, such Customer shall pay its share of operating costs as if such Customer had remained a party to this Agreement.

6. Default. The parties agree that payment of operating costs to Puget is authorized by Schedule 85, paragraph 13 of Puget's Electric Tariff G. Upon failure of any Customer to pay to Puget amounts billed in accordance with Section 5 above, Puget may pursue any of the remedies available to it under the General Rules and Provision (Schedule 80) of its Electric Tariff G and the regulations for failure by customers to pay for electrical service including, but not limited to, disconnection of electrical service.

7. Addition of New Customers. Additional residents within Maloney Ridge may become parties to this Agreement and thereafter be served from the System. A prospective new customer shall provide Puget a properly notarized letter indicating its desire to become a party to this agreement and indicating its willingness to abide by the terms and conditions of this Agreement. Such letter shall thereupon be attached to this Agreement and such party shall become a Customer under this Agreement. Such new customer shall pay a share of operating costs as determined in paragraphs 4 and 5 above,

irrespective of the date electric service is initiated. Each customer receiving service from the System shall become a party to this agreement as a condition of receiving electrical service.

8. Termination of service. The parties expressly acknowledge that the operating rights for the System are not perpetual. Puget reserves the right to terminate service to Maloney Ridge upon the termination and non-renewal of any necessary right. Each Customer shall pay an equal share of Puget's actual costs incurred in such termination of service. Amounts so invoiced by Puget shall be due and payable within thirty (30) days of Customers' receipt of the invoice. If Puget is required to terminate service, Puget shall notify each Customer in advance of termination, but not later than 30 days from the time Puget is notified of said termination or non renewal. Puget shall allow the Customers the opportunity to obtain the required rights to operate the System.

9. Metering for Electrical Service. Customers shall provide suitable facilities, according to Puget's standards and the General Rules and Provisions, (Schedule 80), of Puget's Electric Tariff G, for installation of secondary voltage metering for the purpose of billing for electricity used. Puget shall install and read meters and, if necessary, may estimate readings during periods of adverse weather conditions.

10. Applicability of Other Provisions. This Agreement is subject to the General rules and Provisions (Schedule 80) of Puget's Electric Tariff G and to Schedule 85 of such Tariff, as such Schedules may be revised from time to time upon approval of the Washington Utilities and Transportation Commission. Any conflict between this Agreement and Puget's Schedules 80 and 85 shall be resolved in favor of such tariff provisions.

11. Prior Agreement. Upon agreement of GTE and King County to this Agreement, the Prior Agreement and the prior Agreements shall become null and void.

MALONEY RIDGE USERS ASSOCIATION

PUGET SOUND POWER LIGHT CO

By: David R Jones

By: Wayne H. Hopman

Name DAVID R JONES

Name WAYNE H. HOPMAN

Its: President, Maloney Ridge Electric Users' Association

Its: GENERAL MANAGER NORTH KING DIVISION

Date: 06 June 1995

Date: JUNE 12, 1995

Fourth Revised Sheet No. 85  
Canceling Third Revised Sheet No. 85  
and Second Revised Sheet No. 85-g

RECEIVED

MAY - 2 1991

WASH. UT. & TRANS. COMM.

For Commission's Receipt Stamp

PUGET SOUND POWER & LIGHT COMPANY  
Electric Tariff G

SCHEDULE 85  
LINE EXTENSIONS

1. SINGLE-FAMILY RESIDENCES -

a. The Company will construct new single-phase distribution facilities along a Public Thoroughfare to serve one or more customers on the following terms:

(1) For each residence initially to be served, the Company will provide an allowance of \$1,478.00 toward the cost of construction of facilities. Construction costs in excess of the allowance(s) shall be paid to the Company in advance of construction at the rates set forth in (3) below:

(2) Single-Family Residences that are not utilized as primary year-around residences shall receive an allowance of \$739.00 toward the cost of construction of facilities. Construction costs in excess of the allowance(s) shall be paid to the Company in advance of construction at the rates set forth in (3) below:

(3) Overhead distribution facilities: \$6.16 per foot (T)  
Underground distribution facilities: \$5.25 per foot (I)(C)

b. The Company will construct new single-phase distribution facilities on property other than along a Public Thoroughfare on the following terms:

Overhead distribution facilities: \$6.16 per foot (T)  
Underground distribution facilities: \$5.25 per foot (I)(C)

Charges for new line extensions shall be paid to the Company in advance of construction. (D)

c. The Company will construct three-phase facilities to serve one or more customers on the following terms: (M)

(1) For each Customer to be initially served along a Public Thoroughfare, the Company will provide an allowance of \$3,898.00 toward the estimated cost of construction of facilities. Estimated construction costs in excess of the allowance(s) shall be paid to the Company in advance of construction.

(2) For the Customer(s) to be initially served along property other than a Public Thoroughfare, the Customer(s) shall be required to pay in advance of construction the estimated costs of the facilities. (M)

(M) Transferred from Sheet No. 85-  
BY ORDER OF WASH. UTILITIES & TRANSPORTATION COMM., DOCKET NO. 910477

ISSUED May 1, 1991 EFFECTIVE June 1, 1991 June 6, 1991

PSPL 9105 Canceled 4-11-97 by 5<sup>th</sup> Revised Sheet 85

ISSUED BY PUGET SOUND POWER & LIGHT COMPANY

BY G. B. Swofford TITLE VICE PRESIDENT, RATES

Fourth Revised Sheet No. 85-a  
Canceling Third Revised  
Sheet No. 85-a

**MAY - 2 1991**

**WASH. UT. & TRANS. COMM.**

WN U-60

**PUGET SOUND POWER & LIGHT COMPANY**  
**Electric Tariff G**

For Commission's Receipt Stamp

**SCHEDULE 85**  
**LINE EXTENSIONS**  
(Continued)

(3) If the actual costs of construction are less than the estimate by more than 10% of the estimate, the Company shall refund any excess payment to the Customer. (K)

d. Each customer shall pay charges which reflect each customer's responsibility for the extension charges. The Company shall have the right to connect subsequent customers to all line extensions. If such connections are permanent in nature and are made within 5 years of the date the line extension is energized, subsequent customers so connected shall be treated for purposes of allowances and excess charges under the provisions of 1.a., 1.b., and 1.c. above as if they were included among the customers for whom the extension was originally constructed; and refunds or reallocations, if any, to present owners shall be made on the same basis. The total of refunds for line extensions shall not exceed the amount paid by customers. (K)

e. All the above charges are in addition to those required by the terms of Schedule 86, Service Lines.

**2. PLATTED NEW SINGLE-FAMILY RESIDENTIAL DEVELOPMENTS -** (M)

a. The Company will install underground distribution lines utilizing surface-mounted transformers within platted new residential developments serving Single-Family Residences on the following terms:

The developer or owner will pay to the Company in advance of construction \$12.71 per centerline foot of all roads within the development or plat. For each Single-Family Residence connected within the first five (5) years after the system is energized, the Company will refund an amount equal to the allowances in 1.a.(1) or 1.a.(2) above. The total of all such refunds for the development shall not exceed the amount paid by the developer or owner under this paragraph. (M)

In lieu of cash payment of the above amount, the Company will accept a letter of credit, contractor's bond, or other credit instrument upon execution of a written agreement with the developer or owner. Such written agreement shall prescribe the requirements for any such credit instrument and shall permit the face amount of such instrument to be reduced no more often than once every three (3) months as new customers are connected. Such (N)

(K) Transferred to Sheet No. 85 BY AUTH. OF ORDER OF WASH. UTILITIES & TRANSPORTATION COMM., DOCKET NO. 710479

(M) Transferred from Sheet No. 85-b

ISSUED May 1, 1991

EFFECTIVE June 1, 1991

*June 1, 1991*

PSPL 9105

Canceled 4-11-97 by 5<sup>th</sup> Revised Sheet 85-a

ISSUED BY PUGET SOUND POWER & LIGHT COMPANY

BY

*G. B. Swofford*  
G. B. Swofford

TITLE VICE PRESIDENT, RATES

0162-26

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MAY - 2 1991

WASH. UT. & TRANS. COMM.

Fifth Revised Sheet No. 85-b  
Canceling Fourth Revised  
Sheet No. 85-b

WN U-60

PUGET SOUND POWER & LIGHT COMPANY  
Electric Tariff G

For Commission's Receipt Stamp

SCHEDULE 85  
LINE EXTENSIONS  
(Continued)

written agreement shall also require the payment by developer or owner of a charge. Such charge shall be equal to the face amount outstanding of the credit instrument times an interest rate equal to the sum of a designated prime interest rate as of the date the credit instrument is accepted by the Company plus one percentage point (1.0%). (N)(K)

- b. The above charges are in addition to those required to extend the Company's overhead or underground distribution system to the perimeter of the plat. (N)
- c. All the above charges are in addition to those required by the terms of Schedule 86, Service Lines.
- d. The Company shall have the right to connect subsequent customers to all such line extensions. (K)

3. MULTI-FAMILY RESIDENTIAL STRUCTURES, MOBILE HOME PARKS, AND NON-RESIDENTIAL OR RECREATIONAL FACILITIES -

a. The Company will construct new distribution facilities, including overhead or surface mounted transformers, along a Public Thoroughfare to serve additional customers on the following terms:

- (1) Multi-family residential structures and mobile home parks: at no charge up to a maximum of \$1,478.00 of investment by the Company in new distribution facilities for each residential customer (living unit) to be initially served.
- (2) Non-residential or recreational facilities: at no charge up to a maximum of investment by the Company in new distribution facilities equivalent to two times the estimated annual new revenue from customers to be initially served.
- (3) All estimated construction costs in excess of those allowed in (1) or (2) above shall be paid to the Company by the developer or owner in advance of construction. (M)
- (4) If the actual costs of construction are less than the estimate by more than 10% of the estimate, the Company shall refund any excess payment to the customer.
- (5) Underground secondary service lines from the Point of Delivery shall be installed, owned, and maintained by the developer or (M)

(K) Transferred to Sheet No. 85-a (M) Transferred from Sheet No. 85-c

ISSUED May 1, 1991

BY AUTH. OF ORDER OF WASH. UTILITIES & TRANSPORTATION COMM. DOCKET NO. JUNE 1, 1991

EFFECTIVE June 1, 1991

PSPL9105

Canceled 4-11-97 by [Signature] Revised Sheet 85-b

ISSUED BY PUGET SOUND POWER & LIGHT COMPANY

BY [Signature] B. Swofford TITLE VICE PRESIDENT, RATES

RECEIVED

MAY - 2 1991

WASH. UT. & TRANS. COMM.

Fifth Revised Sheet No. 85-c  
Canceling Fourth Revised  
Sheet No. 85-c

WN U-60

**PUGET SOUND POWER & LIGHT COMPANY**  
**Electric Tariff G**

For Commission's Receipt Stamp

SCHEDULE 85  
LINE EXTENSIONS  
(Continued)

property owner. The Company shall provide and install overhead secondary service lines as provided in Schedule 86 of this tariff.

(K)

b. For overhead or underground Primary voltage systems, the Point of Delivery and metering will normally be at a point on the property line of the premises to be served which is, in the Company's reasonable judgment, most conveniently located with respect to the Company's transmission or distribution facilities. The Company will provide primary metering facilities, and the incremental cost of such facilities in excess of secondary metering facilities will be included in the total costs to provide service. The customer shall install, own, and maintain all facilities on the load side of the primary metering facilities.

(K)

c. For underground service at Secondary voltages, the Point of Delivery will be at the load side of the transformer or secondary handhole if located on the private property being served; or the property line if the distribution facilities are located on the public right-of-way. The transformer, handhole, or secondary connection location shall be at the point which is, in the Company's opinion, most conveniently located with respect to the Company's distribution facilities. The Customer shall install, own, and maintain all secondary facilities beyond the transformer or secondary handhole.

d. For overhead service at Secondary voltages, the Point of Delivery will be at a point on the outside of the structure to be served which is, in the Company's reasonable judgment, most conveniently located with respect to the Company's distribution facilities.

e. Any additional cost to provide service to a Point of Delivery other than that denoted in this schedule, at the request of the customer, shall be paid by the customer in advance of construction, and such amounts shall be in addition to any other amounts the customer may be required to pay in accordance with the tariff.

(M)

f. The Company shall have the right to connect subsequent customers to all line extensions. If such connections are made within five years of the date the line extension is energized, subsequent customers so connected shall be treated for purposes of charges under

(M)

(K) Transferred to Sheet No. 85-b

(M) Transferred from Sheet No. 85-d

BY AUTH. OF ORDER OF WASH. UTILITIES & TRANSPORTATION COMM., DOCKET NO. 910729

ISSUED May 1, 1991

EFFECTIVE June 1, 1991 *June 6, 1991*

PSP 9105

Canceled 4-11-97 by 6<sup>th</sup> Revised Sheet 85c

ISSUED BY PUGET SOUND POWER & LIGHT COMPANY

BY

*G. B. Swofford*  
G. B. Swofford

TITLE VICE PRESIDENT, RATES

0162-26

**RECEIVED**

MAY - 2 1991

WASH. UT. & TRANS. COMM.

Fourth Revised Sheet No. 85-d  
Canceling Third Revised  
Sheet No. 85-d

WN U-60

**PUGET SOUND POWER & LIGHT COMPANY**  
**Electric Tariff G**

For Commission's Receipt Stamp

SCHEDULE 85  
LINE EXTENSIONS  
(Continued)

the provisions of 3.a. above as if they were included among the customers for whom the extension was originally constructed, and refunds or reallocations, if any, shall be made on the same basis.

(K)

4. RECONSTRUCTING DISTRIBUTION LINES FROM SINGLE PHASE TO THREE PHASE - For reconstruction of single-phase distribution facilities to three-phase to satisfy customer requirements, the customer shall pay the Company in advance of construction the amount by which the estimated reconstruction cost, including additional transformer costs, exceeds two times the annual additional revenue which is estimated will accrue to the Company.

(K)

5. ENGINEERING FEES - If an applicant requests estimated costs for a line extension under the provisions of this schedule, the Company may, at its option, require the applicant to pay in advance the estimated costs of providing such estimate. If the applicant takes service under this schedule within six months of the estimate, the Company will apply the advance payment against the cost to provide service and will refund the excess, if any.

6. EXTENSION FACILITIES AND COST - The Company in its sole judgment shall determine the appropriate location, design, phase, voltage, and capacity for the line extension and, where applicable, shall determine the extension cost utilizing its Cost Estimating System in conjunction with sound engineering practices.

7. OWNERSHIP OF FACILITIES - The Company shall own, operate, and maintain all electric distribution facilities installed by the Company under this schedule.

(M)

8. PUBLIC THOROUGHFARE - A public thoroughfare may be a municipal, county, state, federal, or other road open to the public over which the Company has adequate operating rights to accommodate the construction, operation, repair, and maintenance of the line extension, and which has been clearly delineated, cleared of growth and obstructions, and brought to final grade prior to the construction of electric distribution lines. A road on private property which meets the above requirements shall be deemed to be a public thoroughfare if such road provides public access to properties which may be served from such line extension. If, in the judgment of the Company, the permanency or definition of any road is questionable, it shall not be considered a public thoroughfare for the purposes of this schedule

(M)

(K) Transferred to Sheet No. 85-c (M) Transferred from Sheet No. 85-e

ISSUED May 1, 1991 EFFECTIVE June 1, 1991 June 6, 1991

BY ADJL OF ORDER OF WASH. UTILITIES & TRANSPORTATION COMM., DOCKET NO.

PSPL 9105

ISSUED BY PUGET SOUND POWER & LIGHT COMPANY

BY *G. B. Swofford*  
G. B. Swofford

TITLE VICE PRESIDENT, RATES

Canceled 4-11-97 by 5<sup>th</sup> Revised Sheet 85-d

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MAY - 2 1991

WASH. UT. & TRANS. COMM.

Fourth Revised Sheet No. 85-e  
Canceling Third Revised  
Sheet No. 85-e

WN U-60

PUGET SOUND POWER & LIGHT COMPANY  
Electric Tariff G

For Commission's Receipt Stamp

SCHEDULE 85  
LINE EXTENSIONS  
(Continued)

and it shall be the Company's option to install distribution facilities to serve customers. Such distribution facilities shall not be subject to the footage or revenue allowances provided in this schedule.

(K)

9. REFUNDS AND REALLOCATIONS - The Company will make every reasonable effort to monitor refunds and reallocations authorized under the provisions of this schedule; however, it is the ultimate responsibility of the person(s) entitled to such refunds or reallocations to notify the Company of the impending or actual connection of subsequent customer(s) which may require refunding or reallocation of funds prepaid to the Company. In no case shall the Company be liable for refunds or reallocations authorized in this schedule that are requested later than five (5) years and sixty (60) days from the date the line extension installed under this schedule is energized.

(T)

(T)

(C)

(D)(K)

10. OPERATING RIGHTS -

(M)

a. Adequate legal rights for the construction, operation, repair, and maintenance of the electric system installed under this schedule over, under, across or through all property, including property not owned by the customer, shall be obtained by the customer for the Company prior to the commencement of construction of said system. Such operating rights shall be in a form acceptable to the Company.

(T)

(T)

b. When an underground electric distribution extension is to be installed in a platted tract, the owner thereof shall grant a utility easement specifically to the Company for the extension and shall also record with the plat a restrictive covenant providing that all permanent electric utility service lines shall be underground.

11. CLEARING -

a. It shall be the property owner's, developer's, or customer's responsibility to provide a route for construction which is to final grade, free of all obstructions, and along which all rights-of-way, easements, and property lines are clearly and accurately delineated.

(M)

(K) Transferred to Sheet No. 85-d

(M) Transferred from Sheet No. 85-f

BY AUTH. OF ORDER OF WASH. UTILITIES & TRANSPORTATION COMM.

910479

ISSUED May 1, 1991

EFFECTIVE June 1, 1991

June 1, 1991

PSPL 9105

Canceled 4-11-97 by 5<sup>th</sup> Revised Sheet 85-e

ISSUED BY PUGET SOUND POWER & LIGHT COMPANY

BY *G. B. Swofford*  
G. B. Swofford

TITLE VICE PRESIDENT, RATES

0162-26

MAY - 2

WASH. UT. & TRAN. COMM.

Fourth Revised Sheet No. 85-f  
Canceling Third Revised  
Sheet No. 85-f

WN U-60

**PUGET SOUND POWER & LIGHT COMPANY**  
**Electric Tariff G**

For Commission's Receipt Stamp

SCHEDULE 85  
LINE EXTENSIONS  
(Continued)

- b. The property owner, developer, or customer shall provide written (K) notice to the Company that the provisions of 11.a. have been complied with prior to installation of the Company's distribution system.
- 12. TRENCHING - For underground service, the Customer, owner, or developer shall provide all necessary trenching, excavation for vaults, and backfill in accordance with Company standards, or contract with the Company to provide this work at its estimated cost. Payments to the Company for such work will not be refundable.
- 13. ECONOMIC FEASIBILITY - The Company shall not be required to construct any distribution extension under this schedule if such extension is, in the reasonable judgment of the Company, economically unfeasible. Service may, however, be provided to customers on terms which require payment of an amount sufficient to justify the Company's investment in facilities. (M)
- 14. SINGLE-FAMILY RESIDENCE - A Single-Family Residence is a structure that is located on a legal residential lot and is approved for occupancy as a permanent residence by the local governing agency or agencies. A mobile home will be considered a Single-Family Residence if it meets the above requirements; is permanently located on a foundation; has had the axles and wheels removed; and meets all other requirements for a mobile home permit as required by the local governing agency or agencies. (K)
- 15. TEMPORARY SERVICE - This schedule does not apply to temporary service. Such service is subject to the provisions of Schedule 80 in this tariff.
- 16. GOVERNMENTAL AUTHORITY - The manner and type of construction of any extension of the distribution system shall be subject to applicable governmental authority or law, and any increase in costs resulting therefrom and not reimbursed by an agency of the government or other person or entity shall be paid by the customer(s), property owner, or developer served by such extension.
- 17. SCHEDULE 87 - The installation of facilities under the provisions of this schedule shall be subject to the provisions of Schedule 87, Income Tax Rider.
- 18. GENERAL RULES AND PROVISIONS - Service under this schedule is subject to the General Rules and Provisions contained in this tariff. (M)

(K) Transferred to Sheet No. 85-e  
ISSUED May 1, 1991

(M) Transferred from Sheet No. 85-g  
EFFECTIVE June 1, 1991 *June 6, 1991*

BY AUTH. OF ORDER OF WASH. UTILITIES & TRANSPORTATION COMM. DOCKET NO. 910479

PSPL9105

ISSUED BY PUGET SOUND POWER & LIGHT COMPANY

BY G. B. Swofford TITLE VICE PRESIDENT, RATES

G. B. Swofford

Canceled 4-11-97 by 5<sup>th</sup> Revised Sheet 85-f

**BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**Docket No. UE-141335  
Puget Sound Energy, Inc.'s  
Petition for Declaratory Order of King County et al.  
Regarding Maloney Ridge Line**

**WUTC STAFF DATA REQUEST NO. 039**

**WUTC STAFF DATA REQUEST NO. 039:**

**Cost Estimates**

Please provide a detailed breakdown of the planning-level estimated costs for replacing the Maloney Ridge Line with modern underground cable. Please provide in your response for each option the planning-level estimated annual maintenance cost for the entire Maloney Ridge Line.

**First Revised Response:**

Attached as Attachment A to Puget Sound Energy, Inc. ("PSE") Response to WUTC Staff Data Request No. 039, please find a spreadsheet with the detailed breakdown of the planning-level estimated costs for various options; Option 1) Silicon injection of the two upper most cables, referred to as the Sobieski and Maloney cables and installing new poly cable for the rest of the line, Option 2) Replace Sobieski and Maloney cables with new poly cable and install new poly cable for the rest of the line, Option 3) Silicon injection of the two upper most cables, referred to as the Sobieski and Maloney cables and installing new poly cable down to the Foss River Bridge., Option 4) Install new poly cable to replace the 4 worst cable sections 33546, 33547, 33548, 33549., Option 5) Install new poly cable to replace the lower sections from the Foss River Bridge to the start of the Maloney Line at the pole below BNSF, Option 6) Replacement of the two upper most cables, referred to as the Sobieski and Maloney cables.

Rounded planning level estimates of costs and the annual maintenance costs for the various options are as follows:

<u>Option</u>	<u>2015 Cost Estimate</u>	<u>Annual O&amp;M Estimate</u>
Option 1	\$ 5,300,000	\$ 358,000
Option 2	\$ 6,260,000	\$ 423,000
Option 3	\$ 3,800,000	\$ 257,000
Option 4	\$ 3,300,000	\$ 223,000
Option 5	\$ 2,100,000	\$ 142,000
Option 6	\$ 2,700,000	\$ 183,000

This update includes a new Option 2, which is replacement of all cables, including the Maloney and Sobieski cables with new poly cable. Options 3 through 6 shown above represent the same work as Options 2 through 5 in the original response.

Planning level estimates are based on typical conditions and do not include costs related to permit requirements for either replacement costs or maintenance costs. Planning level replacement estimates are in 2015 dollars. If one of the Options is selected, it would be expected that construction would occur in 2016 and 2017 after the required permits were obtained and that planning cost estimates in the future would be higher than the 2015 planning level estimates. The planning level estimate of maintenance cost is based on PSE's electric tariff Schedule 62 distribution O&M and A&G rate.

# Maloney Ridge Maintenance Estimates

Option 1	
"Description"	Silicon injection to Sobleski and Maloney cable and install new poly cable whole project
Management & Engineering	\$225,000
Permitting	\$150,000
Materials	\$250,000
Construction	\$3,135,000
<b>Subtotal CAP</b>	<b>\$3,760,000</b>
Construction OH's @ 16%	\$541,600
Sales Tax 9.5%	\$315,875
10% Contingency	\$376,000
<b>Project Total</b>	<b>\$4,993,475</b>
<b>Rounded Total</b>	<b>\$5,000,000</b>
2013 Costs	\$5,000,000
2014 Costs	\$5,143,279
2015 Costs	\$5,297,578

Option 2	
"Description"	Replace Sobleski and Maloney cable and install new poly cable whole project
Management & Engineering	\$225,000
Permitting	\$200,000
Materials	\$300,000
Construction	\$3,725,000
<b>Subtotal CAP</b>	<b>\$4,450,000</b>
Construction OH's @ 16%	\$644,000
Sales Tax 9.5%	\$368,125
10% Contingency	\$445,000
<b>Project Total</b>	<b>\$5,907,125</b>
<b>Rounded Total</b>	<b>\$5,900,000</b>
2013 Costs	\$5,900,000
2014 Costs	\$6,077,000
2015 Costs	\$6,259,310

**Assumptions:**

Decision Memo from Forest Service  
Least cost trenching method  
Can cut down center of road  
Can clean current splices to inject silicon  
Assumes neutral is still good  
Assumes replacement of 77 culverts

100% road regrade

No rock saw required  
Re-use any bridge crossing

Outages will be allowed for cutovers  
Road restoration beyond trench line not required  
40% of excavated materials can be reused for backfill

Only 1 flagger required at base of hill  
All locations are accessible by vehicle, no additional road building required  
one mob/demob  
permanent road closure allowed

**Not included:**

**Influences on cost:**  
Solid Rock

**Customers to share Cost**  
BNSF - 1%  
Maloney Association - 24%  
Frontier - 24%  
King County - 51%

**Assumptions:**

Decision Memo from Forest Service  
Least cost trenching method  
Can cut down center of road

Assumes replacement of 77 culverts

100% road regrade

No rock saw required  
Re-use any bridge crossing

Outages will be allowed for cutovers  
Road restoration beyond trench line not required

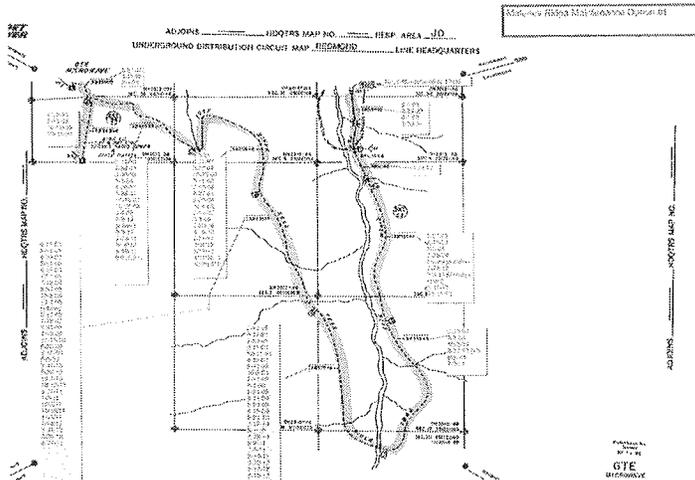
40% of excavated materials can be reused for backfill

Only 1 flagger required at base of hill  
All locations are accessible by vehicle, no additional road building required  
one mob/demob  
permanent road closure allowed

**Not included:**

**Influences on cost:**  
Solid Rock

**Customers to share Cost**  
BNSF - 1%  
Maloney Association - 20%  
Frontier - 20%  
King County - 59%



Option 3	
"Description"	Silicon Injection to Sobleski and Maloney cable and Install new poly cable down to Foss River Bridge
Management & Engineering	\$225,000
Permitting	\$150,000
Materials	\$250,000
Construction	\$2,128,000
Subtotal CAP	\$2,753,000
Construction OH's @ 16%	\$380,480
Sales Tax 9.5%	\$216,410
10% Contingency	\$275,300
<b>Project Total</b>	<b>\$3,625,190</b>
<b>Rounded Total</b>	<b>\$3,700,000</b>
2013 Costs	\$3,700,000
2014 Costs	\$3,733,946
2015 Costs	\$3,845,964

**Assumptions:**

Decision Memo from Forest Service  
 Least cost trenching method  
 Can cut down center of road  
 Can clean current splices to inject silicon  
 Assumes neutral is still good  
 Assumes replacement of 77 culverts

100% road regrade

No rock saw required  
 Re-use any bridge crossing

Outages will be allowed for culverts  
 Road restoration beyond trench line not required  
 40% of excavated materials can be reused for backfill  
 Only 1 flagger required at base of hill  
 All locations are accessible by vehicle, no additional road building required  
 one mob/demob  
 permanent road closure allowed

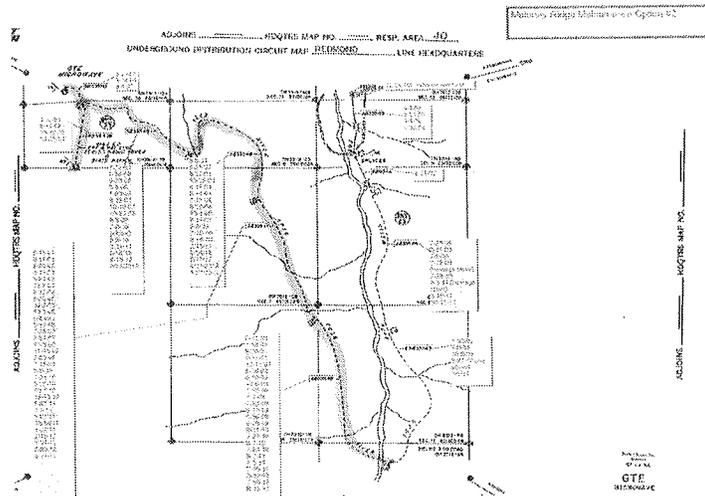
**Not Included:**

**Influences on cost:**

Solid Rock

**Customers to share Cost**

Maloney Association - 23%  
 Frontier - 23%  
 King County - 54%





Maloney Ridge Maintenance Estimates

Option 5	
"Description"	Install new cable from Foss River Bridge to BNSF OH Pole
Management & Engineering	\$225,000
Permitting	\$150,000
Materials	\$200,000
Construction	\$950,000
Subtotal CAP	\$1,525,000
Construction OH's @ 16%	\$184,000
Sales Tax 9.5%	\$104,500
10% Contingency	\$152,500
Project Total	\$1,966,000
Rounded Total	\$2,000,000
2013 Costs	\$2,000,000
2014 Costs	\$2,060,000
2015 Costs	\$2,121,800

**Assumptions:**

- Decision Memo from Forest Service
- Least cost trenching method
- Can cut down center of road
- 100% road regrade
- No rock saw required
- Re-use any bridge crossing

Outages will be allowed for cutovers

- Road restoration beyond trench line not
- 40% of excavated materials can be reused for backfill
- one mob/demob
- permanent road closure allowed

**Not included:**

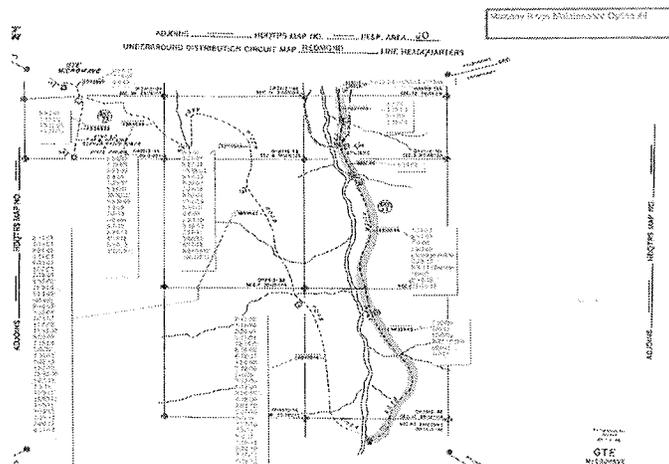
- culvert xings not included

**Influences on cost:**

- Solid Rock

**Customers to share Cost**

- BNSF - 6%
- Maloney Association - 31%
- Frontier - 31%
- King County - 31%



# Maloney Ridge Maintenance Estimates

Option 6	
"Description"	Replace cables to Sobieski and Maloney (33550, 38338)
Management & Engineering	\$174,000
Permitting	\$150,000
Materials	\$114,000
Construction	\$1,727,000
Subtotal CAP	\$2,165,000
Construction OH's @ 20%	\$368,200
Sales Tax 9.5%	\$205,675
10% Contingency	\$216,500
<b>Project Total</b>	<b>\$2,955,375</b>
<b>Rounded Total</b>	<b>\$3,000,000</b>
2013 Costs	\$3,000,000
2014 Costs	\$2,659,838
2015 Costs	\$2,739,633

**Risk/Assumptions:**  
 No rock saw required  
 re-use bridge xings  
 outages will be allowed for cutover  
 permanent road closure allowed  
 Road restoration beyond trench line  
 40% of excavated material can be re-used for backfill  
 all locations are accessible by vehicle,  
 no additional road building required  
 one mob/demob

**Not Included:**  
 culvert xings not included  
 No tree or stump removals

**Influences on cost:**  
 Solid Rock

**Customers to share Cost**

Maloney Association - 8%  
 Frontier - 8%  
 King County - 83%

