

**PACIFICORP'S  
APPLICATION TO CONSTRUCT  
MORRISON CREEK SUBSTATION PROJECT  
CPUC A.07-07-018**

Final Mitigated Negative Declaration  
SCH #: 2007112094

Prepared for:  
California Public Utilities Commission

January 2008





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Prepared for:  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102

January 2008

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Los Angeles

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206320





**PUBLIC UTILITIES COMMISSION  
505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298**



**To: Interested Parties**

**From: Michael Rosauer, Environmental Project Manager**

**Subject: NOTICE OF AVAILABILITY OF A FINAL MITIGATED NEGATIVE DECLARATION  
PacifiCorp's Morrison Creek Substation Project (A.07-07-018)  
SCH# 2007112094**

**Date: January 30, 2008**

The California Public Utilities Commission (CPUC) has prepared a Final Mitigated Negative Declaration (Final MND) pursuant to the California Environmental Quality Act (CEQA) for consideration of PacifiCorp's Application to Construct the Morrison Creek Substation Project (A.07-07-018). The Final MND details the Proposed Project, evaluates and describes its potential environmental impacts, identifies those impacts that could be significant, and presents mitigation measures to avoid or minimize these impacts.

**Description of the Proposed Project.** Through its CPUC application (A.07-07-018) filed on July 20, 2007, pursuant to CPUC General Order (GO) 131-D, PacifiCorp seeks a Permit to Construct (PTC) the proposed Morrison Creek Substation and remove the existing Simonson Substation (Proposed Project). The existing Simonson Substation, which currently steps voltage down from 69 kilovolt (kV) to 12.5 kV, would be replaced with the proposed Morrison Creek Substation which would have the same distribution capabilities. The objective of the Proposed Project is to increase system reliability in order to continue safe and reliable electric service to customers in the area.

**Location of the Proposed Project.** The Proposed Project site is in northwest Del Norte County approximately one quarter mile southeast of the community of Smith River, California, and approximately five miles south of the Oregon/California border (see map below). The site is south of Rowdy Creek and adjacent to the eastern side of U.S. Highway 101 and an existing 69 kV transmission line with 12.5 kV distribution underbuild.

**Contents of the Final MND.** The Final MND consists of three chapters plus Appendices. Chapter 1 contains an introduction to the Final MND, including descriptions of the CEQA and public review processes and an overview of the comments received on the Draft MND. Chapter 2 contains the comments on the Draft MND as well as the CPUC's responses to the comments. Chapter 3 contains the Mitigation Monitoring, Reporting, and Compliance Program. A compact disc (CD), located inside the back cover of the Final MND, contains the full document, as well as the published Draft MND.

**CPUC Actions After Final MND Publication.** There is no comment period following issuance of the Final MND. The CPUC will determine the adequacy of the Final MND, and, if adequate, will adopt the document as being compliant with CEQA. If adequate, the CPUC will issue a Proposed Decision on the Application, which will be announced and published concurrent with a scheduled CPUC Meeting. After the Commission makes the decision on the Application, a Notice of Determination will be mailed to the State Clearinghouse within 5 days of the Decision. After the Notice of Determination is filed, the 30 day statute of limitations for court challenges begins to run. For further information on the CPUC's decision-making process, please call the CPUC Public Advisor at (415) 703-2074.

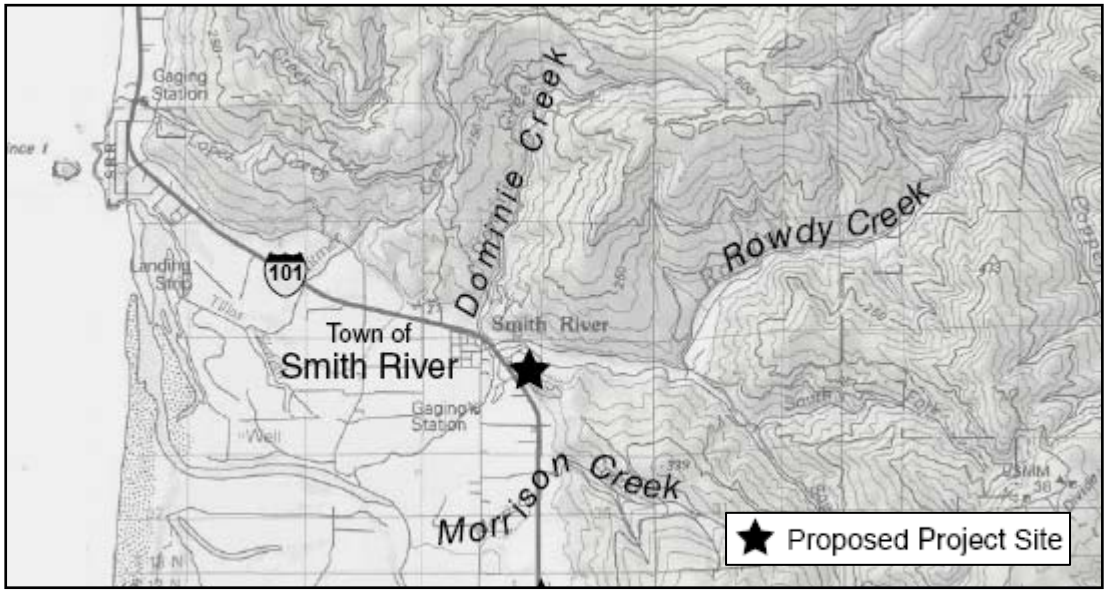
**Availability of Final MND.** Copies of the Final MND will be available for public review at the Smith River Community Library and the Crescent City Branch of the Del Norte County Library, and on the project website: <http://www.cpuc.ca.gov/Environment/info/esa/morrisoncreek/morrison.html>. Hard copies or CD copies of the Final MND may be requested by telephone at (415) 962-8468 or by e-mail at [morrisoncreek@esassoc.com](mailto:morrisoncreek@esassoc.com).

**PROJECT INFORMATION REPOSITORIES**

Smith River Community Library  
241 First Street  
Smith River, CA 95567  
(707) 487-8048  
Hours: M-F: 1:30PM to 4:30PM  
Sa: 10AM to 2PM  
Closed Sunday.

Crescent City Branch Library  
190 Price Mall Circle  
Crescent City, CA 95531  
(707) 464-9793  
Hours: M-Th: 12PM to 8PM  
Closed Friday through  
Sunday.

**Map of the Proposed Project Location:**



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- A. PacifiCorp's Morrison Creek Substation Project (A.07-07-018) Draft Mitigated Negative Declaration (provided on CD)<sup>1</sup>

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<sup>1</sup> See inside of back cover.





# SECTION 1

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## Introduction

### 1.1 CEQA Process

Pursuant to the requirements of the California Environmental Quality Act (CEQA) and the California Public Utilities Commission (CPUC) General Order (GO) 131-D, the CPUC prepared an Initial Study to address the application from PacifiCorp (A.07-07-018) for a Permit to Construct (PTC) the proposed Morrison Creek Substation and remove the existing Simonson Substation (Proposed Project). The Initial Study determined that the Proposed Project would not have a significant adverse effect on the environment, and a Draft Mitigated Negative Declaration (Draft MND) was prepared by the CPUC.

On November 20, 2007, the CPUC filed a Notice of Completion (NOC) with the Governor's Office of Planning and Research (State Clearinghouse), published a Notice of Intent (NOI) to Adopt a Mitigated Negative Declaration, and released the Draft MND for a 30-day public review period. The Draft MND was distributed to federal, state, and local agency representatives, property owners within 300 feet of the Proposed Project, and other interested individuals as outlined in Appendix D of the Draft MND. Additionally, a Public Notice was published twice in the general circulation newspaper announcing the availability of the Draft MND for public review in compliance with CEQA. In accordance with Section 15105(b) CEQA Guidelines, the public review and comment period began on November 20, 2007 and ended on December 21, 2007. A public information meeting was held on December 12, 2007 in Smith River, California to hear oral comments on the Draft MND. No oral comments were received. Copies of all written comments received on the Draft MND are contained in this Final MND<sup>1</sup>.

This Final MND has been prepared pursuant to CEQA Guidelines<sup>2</sup> which outlines all aspects of the preparation of the Draft MND and its review, as well as the subsequent steps to preparing a Notice of Decision. This document incorporates comments received during the public review period, and contains responses by the Lead Agency (the CPUC) to those comments. The comments received did not necessitate changes to the Draft MND or the Mitigation Monitoring, Reporting, and Compliance Plan (MMRCP). The sole intent and purpose of the Final MND is to provide corrections and clarity to certain facts set forth in the Draft MND, if necessary, to ensure accuracy. No new significant environmental impacts are identified in this Final MND. Additionally, no mitigation measures presented in the Draft MND were deleted or modified.

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<sup>1</sup> The Final MND is a combination of this Response to Comment Document and the Draft MND included as Appendix A.

<sup>2</sup> Title 14, California Code of Regulations, Chapter 3, Sections 15000 – 15387 and Appendices, accessible at [http://ceres.ca.gov/topic/env\\_law/ceqa/guidelines/](http://ceres.ca.gov/topic/env_law/ceqa/guidelines/)

The Final MND is an informational document prepared by the CPUC to be used by decision makers before approving or denying a proposed project. The Final MND consists of the following:

- (a) A list of persons, organizations, and public agencies commenting on the Draft MND.
- (b) Comments and recommendations received on the Draft MND either verbatim or in summary.
- (c) The Mitigation Monitoring, Reporting, and Compliance Plan (MMRCP).

## 1.2 Public Review Process

On November 20, 2007, the CPUC mailed a notice to relevant agencies, organizations and individuals residing in the Proposed Project area, announcing that the Draft MND was available for public review. The CPUC established a comment fax line (415-896-0332), e-mail address ([morrisoncreek@esassoc.com](mailto:morrisoncreek@esassoc.com)), and web site (<http://www.cpuc.ca.gov/Environment/info/esa/morrisoncreek/morrison.html>) to enable the public to ask questions, provide comments, and obtain additional information on the Proposed Project discussed in the Draft MND.

Additionally, the CPUC held a public information meeting on Wednesday, December 12, 2007 at the Smith River Community Hall, 241 First Street, Smith River, California between 6:30 and 8:30pm. No comments were made during this public informational meeting.

In accordance with Section 15105(b) CEQA Guidelines, the public review and comment period for the Draft MND began on November 20, 2007 and ended on December 21, 2007. All comments received are presented and discussed in this document.

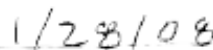

## 1.3 Comments on the Draft MND

No oral comments were received at the public information meeting. The following agencies submitted written comments on the Draft MND during the public review period. Dates of submittal are noted.

- Del Norte County Department of Agriculture (November 29, 2007)
- Native American Heritage Commission (December 11, 2007)
- Department of Transportation, District 1 (December 19, 2007).

## 1.4 Findings

Based on the analysis conducted in this Final MND, the CPUC has found, on the basis of the whole record before it (including the Initial Study/Draft MND and public comments received), that there is no substantial evidence that the Proposed Project would have any significant unmitigable environmental impacts related to either construction activities or operations. Accordingly, mitigation identified in the Final MND for the Proposed Project would avoid or reduce all of the impacts to a less-than-significant level.



Chloe Lukins, Supervisor  
Transmission Permitting and Environmental Review  
Energy Division  
California Public Utilities Commission

Date



# CHAPTER 2

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## Comments and Responses

### 2.1 Introduction

This chapter includes copies of the comment letters received during the public review period on the Draft MND and the responses to those comments. A total of three comment letters were received from public agencies in response to the Draft MND for PacifiCorp's Morrison Creek Substation Project application (A.07-07-018). No letters were received from organizations or individuals.

### 2.2 List of Comment Letters Received

The comment letters received on the Draft MND are listed below in Table 2-1 in order of their arrival. Each comment letter has been assigned a corresponding alphabet letter designation.

**TABLE 2-1  
LIST OF COMMENTERS**

<b>Letter</b>	<b>Commenter</b>	<b>Date</b>
A	Del Norte County Department of Agriculture	November 29, 2007
B	Native American Heritage Commission	December 11, 2007
C	Department of Transportation, District 1	December 19, 2007

### 2.3 Responses to Comments

This section contains responses to all of the substantive comments received on the Draft MND during the public review period from November 20, 2007 through December 21, 2007. Each comment letter was assigned a letter according to the system identified previously (i.e., A, B, etc.). Each comment addressed within each letter was assigned a comment number (i.e., A-1, A-2, etc.). On the following pages of this section, each comment letter is reproduced in its entirety followed by the responses to each comment within the letter.

The three comment letters received did not necessitate any revisions to the Draft MND.

## 2.4 Public Meeting Comments and Responses

A public meeting was held on December 12, 2007 at 6:30 pm at the Smith River Community Hall, 241 First Street, Smith River, California. Attendees were: Michael Rosauer (CPUC), Douglas Cover, Matthew Fagundes and Rachel Baudler (ESA), and Cathie Allen and John Aniello (PacifiCorp). No members of the public attended the meeting, so no verbal comments were documented.



**COUNTY OF DEL NORTE**  
DEPARTMENT OF AGRICULTURE

2650 Washington Boulevard  
Crescent City, California 95531  
Phone (707) 464-7235 FAX (707) 465-6044  
e-mail: dnag@co.del-norte.ca.us

Ken Smith  
Agricultural Commissioner  
Sealer of Weights and Measures  
California Plant Quarantine Officer  
Director of Animal Control

November 27, 2007

Mr. Michael Rosauer  
C/O Environmental Science Associates  
225 Bush Street, Ste. 1700  
San Francisco, CA 94104

RE: Morrison Creek Project

Dear Mr. Rosauer:

The Del Norte County Department of Agriculture has received and reviewed the Draft Pacificorp's Morrison Creek Substation Project Initial Study / Mitigated Negative Declaration.

Based on the information contained in Section 2.2 - Agricultural Resources, my department concurs that the proposed project will pose "no impact" on local agricultural resources.

Thank you for providing the Del Norte County Department of Agriculture with the opportunity to review and comment on your proposed project.

Sincerely,

A handwritten signature in black ink that reads "Ken Smith".

Ken Smith  
Agricultural Commissioner

A-1

***Letter A – Del Norte County Department of Agriculture***

Response A-1      The commenter concurs with the DMND that the proposed project will pose “no impact” on local agricultural resources. Comment noted.



STATE OF CALIFORNIA

Arnold Schwarzenegger, Governor

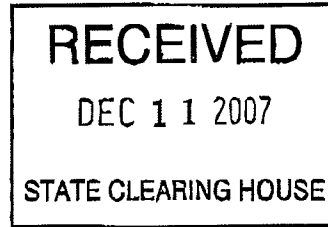
NATIVE AMERICAN HERITAGE COMMISSION

915 CAPITOL MALL, ROOM 364  
SACRAMENTO, CA 95814  
(916) 653-4082  
(916) 657-5390 - Fax



December 3, 2007

*Cler*  
*12-14-07*  
*e*



Michael Rosauer  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102

RE: SCH# 2007112094 PacifiCorp's Morrison Creek Substation Project; Del Norte County.

Dear Mr. Rosauer:

The Native American Heritage Commission (NAHC) has reviewed the Notice of Completion (NOC) referenced above. The California Environmental Quality Act (CEQA) states that any project that causes a substantial adverse change in the significance of an historical resource, which includes archeological resources, is a significant effect requiring the preparation of an EIR (CEQA Guidelines 15064(b)). To comply with this provision the lead agency is required to assess whether the project will have an adverse impact on historical resources within the area of project effect (APE), and if so to mitigate that effect. To adequately assess and mitigate project-related impacts to archaeological resources, the NAHC recommends the following actions:

B-1  
B-2  
B-3  
B-4  
B-5  
B-6

- ✓ Contact the appropriate regional archaeological information Center for a record search. The record search will determine:
  - If a part or all of the area of project effect (APE) has been previously surveyed for cultural resources.
  - If any known cultural resources have already been recorded on or adjacent to the APE.
  - If the probability is low, moderate, or high that cultural resources are located in the APE.
  - If a survey is required to determine whether previously unrecorded cultural resources are present.
- ✓ If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
  - The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum, and not be made available for public disclosure.
  - The final written report should be submitted within 3 months after work has been completed to the appropriate regional archaeological information Center.
- ✓ Contact the Native American Heritage Commission for:
  - A Sacred Lands File Check. USGS 7.5-minute quadrangle name, township, range, and section required.
  - A list of appropriate Native American contacts for consultation concerning the project site and to assist in the mitigation measures. Native American Contacts List attached.
- ✓ Lack of surface evidence of archeological resources does not preclude their subsurface existence.
  - Lead agencies should include in their mitigation plan provisions for the identification and evaluation of accidentally discovered archeological resources, per California Environmental Quality Act (CEQA) §15064.5(f). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American, with knowledge in cultural resources, should monitor all ground-disturbing activities.
  - Lead agencies should include in their mitigation plan provisions for the disposition of recovered artifacts, in consultation with culturally affiliated Native Americans.
  - Lead agencies should include provisions for discovery of Native American human remains in their mitigation plan. Health and Safety Code §7050.5, CEQA §15064.5(e), and Public Resources Code §5097.98 mandates the process to be followed in the event of an accidental discovery of any human remains in a location other than a dedicated cemetery.

Sincerely,

*KCS*

Katy Sanchez  
Program Analyst

CC: State Clearinghouse

Letter B – Native American Heritage Commission

Response B-1 The commenter states that in order to comply with CEQA, the lead agency is required to assess whether a project will have an adverse impact on historic resources within the ‘area of potential effect (APE)’ and if so, to mitigate that effect. In order to adequately assess project-related impacts on historical resources, Native American Heritage Commission (NAHC) recommended specific actions, listed in the comments which follow. Responses are provided below with each specific comment.

Response B-2 The commenter recommends contacting the appropriate regional archaeological information Center for a record search. As described in IS/MND Section 2.5, *Cultural Resources*, an archaeological literature search was conducted on May 3, 2007, at the North Coast Information Center of the California Historical Resources Information System (CHRIS) in Klamath, California, by Environmental Planning Group. Results of this literature search resulted in no known archaeological resources or cultural resource surveys within the Proposed Project site, and only one recorded archaeological resource, CA-DNO-047, within a one-mile radius of the site.

Response B-3 The commenter states if an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and final survey. As discussed on IS/MND page 2.5-6, a pedestrian survey was conducted on May 2, 2007 by a qualified archaeologist. Findings and recommendations are described on IS/MND page 2.5-7. No historic resources or unique archaeological resources were identified within the study area.

Response B-4 The commenter recommends contacting the NAHC for a Sacred Lands File search and a list of appropriate Native American contacts for consultation concerning the project site and to assist in the mitigation measures. As stated on IS/MND page 2.5-5, the NAHC was contacted via fax on October 4, 2007. The NAHC responded via facsimile on October 15, 2007, stating that there was no specific site information in the sacred lands file for the Proposed Project area. In addition, the closest Native American community, the Smith River Rancheria, as well as other Native American contacts in the project area were sent information request letters (see complete list on page 2.5-6). No response was received from the Smith River Rancheria or any other Native American contacts.

Response B-5 The commenter states that the lack of surface evidence of archaeological resources does not preclude their subsurface existence. Lead agencies should include mitigation plan provisions for the identification and evaluation of accidentally discovered archeological resources; disposition of recovered artifacts in consultation with culturally affiliated Native Americans. The commenter is referred to Mitigation Measures 2.5-1, 2.5-2, and 2.5-3.

Response B-6      The commenter states that lead agencies should include provisions for discovery of Native American human remains in their mitigation plans. Refer to Health and Safety Code §7050.5, Public Resources Code §5097.98 and 15064.5(e) of CEQA Guidelines for procedures in the event of an accidental discovery of any human remains. The commenter is referred to Mitigation Measure 2.5-3.

**DEPARTMENT OF TRANSPORTATION**

DISTRICT 1, P. O. BOX 3700

EUREKA, CA 95502-3700

PHONE (707) 441-2009

FAX (707) 441-5869

TTY (Teletypewriter #707-445-6463)

REB



*Flex your power!  
Be energy efficient!*

**Comment Letter C**

December 19, 2007

1-DN-101-39.398  
Morrison Creek Substation  
SCH# 2007112094

Mr. Michael Rosauer  
Morrison Creek Project  
c/o Environmental Science Associates  
225 Bush Street, Suite 1700  
San Francisco, CA 94104

Post-it® Fax Note	7671	Date	12/19/07	# of pages	1
To	Michael Rosauer	From	Jesse Robertson		
Co./Dept.	GSA	Co.	Caltrans		
Phone #	(415) 703-2579	Phone #	(707) 441-2009		
Fax #	(415) 896-0332	Fax #	(707) 441-5869		

Dear Michael Rosauer,

Thank you for giving us the opportunity to comment on the proposed Mitigated Negative Declaration for PacifiCorp's Morrison Creek Substation project. The project proposes to construct a new substation to replace the existing Simonson Substation. The project is located south of Rowdy Creek and adjacent to the eastern side of US Route 101 near the community of Smith River. We have the following comment:

Any work within the State right of way, including access improvements and utility installation and/or modifications, will require an encroachment permit. Encroachment permit applications are reviewed for consistency with State standards and are subject to Department approval. We recommend that the applicant contact Vern Callahan of Caltrans District 1 Permits office, at (707) 445-6679 to schedule an early consultation prior to submittal of an Encroachment Permit application. Requests for encroachment permit application forms can be sent to Caltrans District 1 Permits Office, P.O. Box 3700, Eureka CA 95502-3700, or requested by phone at (707) 445-6390. Encroachment permit application forms, the Permit Manual and application instructions can now be found on-line at:

< <http://www.dot.ca.gov/hq/traffops/developserv/permits/index.htm> >

If you have questions or need further assistance, please contact me at the number above or contact Jeremy Mills of District 1 Community Planning at (707) 441-4542.

Sincerely,

Jesse Robertson  
Associate Transportation Planner  
District 1 Community Planning

c: Scott Morgan, State Clearinghouse

C-1

Letter C – Department of Transportation, District 1

Response C-1      The commenter states that any work within the State of California right of way will require an encroachment permit. The Proposed Project does not involve any work within the State of California right of way, therefore an encroachment permit is not required for the proposed project. Comment noted.



## **CHAPTER 3**

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# **Mitigation Monitoring, Reporting, and Compliance Program**

### **3.1 Summary**

For informational purposes, this chapter includes Table 5-1, Mitigation Monitoring, Reporting, and Compliance Program for the Morrison Creek Substation Project, beginning on the following page. This table has been reproduced from the Draft MND to summarize the impacts and mitigations for the Proposed Project. No changes in this table have occurred as a result of comments on the Draft MND.

**TABLE 5-1  
MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR PACIFICORP'S MORRISON CREEK SUBSTATION PROJECT**

Environmental Impact	Mitigation Measures Proposed in this MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
<p><b>Aesthetics</b></p> <p><b>2.1-1:</b> The Proposed Project would affect views from U.S. 101, an eligible State scenic highway.</p>	<p><b>2.1-1:</b> Landscaping shall be installed outside the perimeter fence at the Morrison Creek Substation to partially screen views from Highway 101 and to integrate the Morrison Creek Substation's appearance with the surrounding landscape.</p> <p>Plant material shall be appropriate to the local/natural landscape setting and shall be consistent with Public Resources Code Section 4292 for vegetation located in proximity to transmission facilities. A landscape plan prepared by a licensed landscape architect or certified arborist shall be submitted to the CPUC. The landscape plan shall show the location, suggested species and size at planting for all proposed plant material. The plan shall also show proposed landscaping in relation to the final placement of the tap pole and substation perimeter fence. The plan shall be submitted to, reviewed and approved by the CPUC prior to commencement of construction.</p>	<p>PacifiCorp and its contractors shall implement measure as defined.</p>	<p>PacifiCorp shall submit Landscape Plan to the CPUC.</p> <p>CPUC mitigation monitor to inspect compliance.</p>	<p>At least one month prior to start of construction.</p> <p>During construction at the Morrison Creek Substation.</p>
<p><b>2.1-2:</b> The Proposed Project could create a new source of substantial glare.</p>	<p><b>2.1-2:</b> A non-reflective or weathered finish shall be applied to all new structures and equipment installed at the Morrison Creek Substation to reduce potential glare effects.</p>	<p>PacifiCorp and its contractors shall implement measure as defined.</p>	<p>CPUC mitigation monitor to inspect compliance.</p>	<p>During construction at the Morrison Creek Substation.</p>

**Agricultural Resources**

No impacts identified.

**Air Quality**

No impacts identified.



**TABLE 5-1 (continued)  
MITIGATION MONITORING, REPORTING, AND COMPLIANCE PROGRAM FOR PACIFICORP'S MORRISON CREEK SUBSTATION PROJECT**

Environmental Impact	Mitigation Measures Proposed in this MIND	Implementing Actions	Monitoring/Reporting Requirements	Timing
Biological Resources	<p><b>2.4-1:</b> Construction activities associated with the Proposed Project could result in impacts to the northern red-legged frog, which is a California species of special concern.</p>	<p><b>2.4-1:</b> To minimize or avoid impacts to the northern red-legged frog, preconstruction surveys for the species should occur throughout the Proposed Project site two weeks or less before removing vegetation or carrying out ground-disturbing activities. Pre-construction surveys shall be carried out by a qualified biologist familiar with northern red-legged frog identification and ecology. These are not intended to be protocol-level surveys but designed to clear an area so that individual northern red-legged frogs are not present within the Proposed Project site prior to the initiation of construction. Once the site is cleared it shall be fenced in such a way as to exclude northern red-legged frog for the duration of proposed construction activities. Methods for pre-construction surveys and site fencing shall be developed prior to the start of construction.</p>	<p>PacifiCorp shall submit survey reports to the CPUC.</p>	<p>Survey reports shall be submitted to the CPUC prior to construction.</p>
<p><b>2.4-2:</b> Construction activities associated with the Proposed Project could result in the direct loss of bird nests, death of young, or loss of reproductive potential at active nests of special status bird species located in the vicinity of the Proposed Project site.</p>	<p><b>2.4-2:</b> Direct disturbance, including tree and shrub removal or nest destruction by any other means, or indirect disturbance (e.g., noise, increased human activity in area, etc.) of active nests of raptors and other special-status bird species within or in the vicinity of the proposed Morrison Creek Substation site or in the vicinity of the existing Simonson Substation site shall be avoided in accordance with the following procedures for Pre-Construction Special-Status Avian Surveys and Subsequent Actions. No more than two weeks in advance of any tree or shrub removal or ground-disturbing activity that will commence during the breeding season (i.e., February 1 through July 31), a qualified wildlife biologist shall conduct pre-construction surveys of all potential special-status bird nesting habitat in the vicinity of the planned activity. Pre-construction surveys are not required for construction activities scheduled to occur during the non-breeding season (i.e., August 1 through January 31). Depending on the survey findings, the following actions shall be taken to avoid potential adverse effects on nesting special-status nesting birds:</p>	<p>PacifiCorp and its contractors shall implement measure as defined.</p>	<p>PacifiCorp shall submit survey reports to the CPUC.  CPUC mitigation monitor to inspect compliance during construction.</p>	<p>Survey reports shall be submitted to the CPUC prior to construction.  Avoidance measures shall be implemented during construction.</p>

**TABLE 5-1 (continued)  
MITIGATION MONITORING, REPORTING, AND COMPLIANCE PROGRAM FOR PACIFICORP'S MORRISON CREEK SUBSTATION PROJECT**

Environmental Impact	Mitigation Measures Proposed in this MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
	<ul style="list-style-type: none"> <li>• If pre-construction surveys indicate that no nests of special-status birds are present or that nests are inactive or potential habitat is unoccupied, no further mitigation shall be required.</li> <li>• If active nests of special-status birds are found during the surveys, the results of the surveys shall be forwarded to CDFG (as appropriate) and avoidance procedures shall be adopted, as determined necessary by CDFG, on a case-by-case basis. These can include construction buffer areas up to several hundred feet in the case of raptors, relocation of birds, or seasonal avoidance. If buffers are created, a no disturbance buffer zone shall be created around active nests during the breeding season or until a qualified biologist determines that all young have fledged. The size of the buffer zones and types of construction activities restricted within them shall be determined through consultation with the CDFG taking into account factors such as the following:               <ul style="list-style-type: none"> <li>a. Noise and human disturbance levels at the Proposed Project site and the nesting site at the time of the survey and the noise and disturbance expected during the construction activity;</li> <li>b. Distance and amount of vegetation or other screening between the Proposed Project site and the nest; and</li> <li>c. Sensitivity of individual nesting species and behaviors of the nesting birds.</li> </ul> </li> </ul>			

**TABLE 5-1 (continued)  
MITIGATION MONITORING, REPORTING, AND COMPLIANCE PROGRAM FOR PACIFICORP'S MORRISON CREEK SUBSTATION PROJECT**

Environmental Impact	Mitigation Measures Proposed in this MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
<p><b>2.4-3:</b> Activities associated with the construction of the proposed Morrison Creek Substation could detrimentally affect special status species utilizing the site, through the temporary and permanent removal of existing vegetation.</p>	<ul style="list-style-type: none"> <li>Construction activities commencing during the non-breeding season and continuing into the breeding season do not require surveys because it is assumed that any breeding birds taking up nests would be acclimated to Proposed Project-related activities already under way. However, if trees and shrubs are to be removed during the breeding season, the trees and shrubs shall be surveyed for nests prior to their removal, according to the survey and protective action guidelines described in a through c, in the bullet above.</li> <li>Nests initiated during construction activities would be presumed to be unaffected by the construction activity, and a buffer zone around such nests would not be necessary.</li> <li>Destruction of active nests of special-status birds and overt interference with nesting activities of special-status birds shall be prohibited.</li> </ul>	<p>PacifiCorp and its contractors shall implement measure as defined.</p>	<p>CPUC mitigation monitor to inspect compliance.</p>	<p>Immediately following construction activities.</p>
<p><b>2.4-4:</b> The proposed tap line and substation may result in the inadvertent electrocution and collision of raptors and other special status bird species.</p>	<p><b>2.4-3:</b> Areas outside the fenced area of Morrison Creek Substation that will be disturbed by Proposed Project construction activities shall be re-vegetated with native shrubs, trees, and/or grasses. Removal of native trees and shrubs shall be minimized.</p> <p><b>2.4-4:</b> The Morrison Creek substation as well as any associated transmission and distribution line configurations should be designed as recommended in the PacifiCorp Bird Management Program Guidelines (PacifiCorp, 2006), or along recommendations provided by the Avian Power Line Interaction Committee. This shall minimize the chance for electrocution of protected raptors and other protected bird species and provide for a reporting system of any incidental bird mortalities resulting from the Morrison Creek Substation and its associated structures.</p>	<p>PacifiCorp and its contractors shall implement measure as defined.</p>	<p>CPUC mitigation monitor to inspect compliance.</p>	<p>Immediately following construction activities.</p>

**TABLE 5-1 (continued)  
MITIGATION MONITORING, REPORTING, AND COMPLIANCE PROGRAM FOR PACIFICORP'S MORRISON CREEK SUBSTATION PROJECT**

Environmental Impact	Mitigation Measures Proposed in this MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
Cultural Resources	<p><b>2.5-1:</b> If construction activities associated with the Proposed Project encounter currently unknown cultural resources, either prehistoric or historic, pursuant to CEQA Guidelines Section 15064.5 or CEQA Section 21083.2(g), this could cause substantial adverse changes to the significance of the resource.</p>	<p><b>2.5-1:</b> In the event that any prehistoric or historic subsurface cultural resources are discovered during ground disturbing activities, all work within 50 feet of the resources shall be halted and PacificCorp and/or the CPUC shall consult with a qualified archaeologist to assess the significance of the find. If any find is determined to be significant, representatives of PacificCorp and/or the CPUC and the qualified archaeologist shall meet to determine the appropriate avoidance measures or other appropriate mitigation, with the ultimate determination to be made by the CPUC. All significant cultural materials recovered shall be subject to scientific analysis, professional museum curation, as necessary, and a report prepared by a Specialist according to current professional standards.</p>	<p>PacificCorp shall provide CPUC staff with the name(s) and statement(s) of qualifications of its environmental monitor and designated archaeologist who will be responsible for implementation of all project-related cultural resources mitigation measures.</p>	<p>At least one week prior to the commencement of construction activities.</p>
	<p>In considering any suggested mitigation proposed by the consulting archaeologist in order to mitigate impacts to historical resources or unique archaeological resources, the CPUC shall determine whether avoidance is necessary and feasible in light of factors such as the nature of the find, Proposed Project design, costs, and other considerations. If avoidance is infeasible, other appropriate measures (e.g., data recovery) shall be instituted. Work may proceed on other parts of the Proposed Project site while mitigation for historical resources or unique archaeological resources is carried out.</p>	<p>PacificCorp to notify CPUC of discovery of any cultural resources</p>	<p>Receipt of verbal and/or written notification by the CPUC</p>	<p>Within 24 hours of discovery of cultural resources</p>
	<p>If the CPUC, in consultation with the qualified archaeologist, determines that a significant archaeological resource is present and that the resource could be adversely affected by the Proposed Project, the CPUC shall require PacificCorp to:</p> <ul style="list-style-type: none"> <li>Re-design the Proposed Project to avoid any adverse effect on the significant archeological resource; or</li> </ul>	<p>PacificCorp to coordinate with the CPUC to implement measure as defined</p>	<p>CPUC mitigation monitor to inspect to ensure compliance with agreed upon measures</p>	<p>At least once a week during all phases of construction, if cultural resources are found</p>

**TABLE 5-1 (continued)  
MITIGATION MONITORING, REPORTING, AND COMPLIANCE PROGRAM FOR PACIFICORP'S MORRISON CREEK SUBSTATION PROJECT**

Environmental Impact	Mitigation Measures Proposed in this MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
	<ul style="list-style-type: none"> <li>Implement an archeological data recovery program (ADRP) unless the qualified archaeologist determines that the archeological resource is of greater interpretive use than research significance, and that interpretive use of the resource is feasible. If the circumstances warrant an ADRP, such a program shall be conducted. The project archaeologist and the CPUC shall meet and consult to determine the scope of the ADRP. The archaeologist shall prepare a draft ADRP that shall be submitted to the CPUC for review and approval. The ADRP shall identify how the proposed ADRP would preserve the significant information the archeological resource is expected to contain. That is, the ADRP shall identify the scientific/historical research questions that are applicable to the expected resource, the data classes the resource is expected to possess, and how the expected data classes would address the applicable research questions. Data recovery, in general, should be limited to the portions of the historical property that could be adversely affected by the Proposed Project. Destructive data recovery methods shall not be applied to portions of the archeological resources if nondestructive methods are practical.</li> </ul>			

**TABLE 5-1 (continued)  
MITIGATION MONITORING, REPORTING, AND COMPLIANCE PROGRAM FOR PACIFICORP'S MORRISON CREEK SUBSTATION PROJECT**

Environmental Impact	Mitigation Measures Proposed in this MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
<p><b>2.5-2:</b> The Proposed Project could adversely affect unidentified paleontologic resources at the proposed pole site or the substation locations.</p>	<p><b>2.5-2:</b> In the event of an unanticipated paleontological discovery during construction, excavations within 50 feet of the find shall be temporarily halted or diverted until the discovery is examined by a qualified paleontologist per up to date Society of Vertebrate Paleontology standards. The discovery shall be documented as needed, the potential resource evaluated, and the significance of the find shall be assessed under the criteria set forth in Section 15064.5 of the CEQA Guidelines. The paleontologist shall notify the appropriate agencies to determine procedures that would be followed before construction is allowed to resume at the location of the find. If the CPUC determines that avoidance is not feasible, the paleontologist shall prepare an excavation plan for mitigating the effect of the Proposed Project on the qualities that make the resource important, and such plan shall be implemented. The plan shall be submitted to the CPUC for review and approval.</p>	<p>PacificCorp to implement measure as defined.</p>	<p>PacificCorp to submit contact information and qualifications of a Specialist to be notified of any unanticipated discoveries during construction.</p>	<p>Prior to start of construction.</p>
			<p>PacificCorp and/or its contractor(s) to provide immediate verbal notification to the paleontologist and the CPUC of any discovered cultural resources; with follow up written documentation noting date of discovery, type of discovery and actions taken to protect the resource(s).</p>	<p>Immediately upon discovery.</p>
			<p>CPUC mitigation monitor to monitor compliance.</p>	<p>During all phases of construction.</p>

**TABLE 5-1 (continued)  
MITIGATION MONITORING, REPORTING, AND COMPLIANCE PROGRAM FOR PACIFICORP'S MORRISON CREEK SUBSTATION PROJECT**

Environmental Impact	Mitigation Measures Proposed in this MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
<p><b>2.5-3:</b> Proposed Project construction could result in damage to previously unidentified human remains.</p>	<p><b>2.5-3:</b> In the event that human skeletal remains are uncovered during Proposed Project construction or demolition activities, PacificCorp shall immediately halt all work, contact the Del Norte County Coroner to evaluate the remains, and follow the procedures and protocols pursuant to Section 15064.5 (e)(1) of the CEQA Guidelines. If the County Coroner determines that the remains are Native American, PacificCorp shall contact the California Native American Heritage Commission, pursuant to subdivision (c) of Section 7050.5 of the Health and Safety Code, and all excavation and site preparation activities shall cease until appropriate arrangements are made. The Native American Heritage Commission shall assign a Most Likely Descendant, who shall have the right to access the find and provide a recommendation for treatment of the remains to the property owner, PacificCorp, and the CPUC.</p>	<p>PacificCorp and its contractor(s) to implement measure as defined.</p>	<p>PacificCorp and/or its contractor(s) to provide immediate verbal notification to the Del Norte County Coroner and the CPUC of any discovered human remains; with follow up written documentation noting date of discovery, type of discovery and actions taken to protect the resource(s).</p>	<p>Immediately upon discovery.</p>
<p><b>Geology, Soils, and Seismicity</b></p>	<p>No impacts identified.</p>			
<p><b>Hazards and Hazardous Materials</b></p>	<p><b>2.7-1:</b> Construction would require the use of certain materials such as fuels, oils, solvents, and other chemical products that, in large quantities, could pose a potential hazard to the public or the environment if improperly used or inadvertently released.</p>			
<p><b>2.7-1a:</b> PacificCorp and/or its contractor(s) shall implement construction best management practices including but not limited to the following:</p> <ul style="list-style-type: none"> <li>• Follow manufacturer's recommendations on use, storage, and disposal of chemical products used in construction;</li> <li>• Avoid overtopping construction equipment fuel gas tanks;</li> <li>• Use tarps and adsorbent pads under vehicles when refueling to contain and capture any spilled fuel;</li> </ul>	<p>PacificCorp and its contractor(s) to implement measure as defined.</p>	<p>CPUC mitigation monitor to monitor compliance</p>	<p>During all phases of construction</p>	

**TABLE 5-1 (continued)  
MITIGATION MONITORING, REPORTING, AND COMPLIANCE PROGRAM FOR PACIFICORP'S MORRISON CREEK SUBSTATION PROJECT**

Environmental Impact	Mitigation Measures Proposed in this MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
	<ul style="list-style-type: none"> <li>• During routine maintenance of construction equipment, properly contain and remove grease and oils; and</li> <li>• Properly dispose of discarded containers of fuels and other chemicals.</li> </ul>			
	<p><b>2.7-1b:</b> PacificCorp shall prepare a <i>Hazardous Substance Control and Emergency Response Plan</i> (Plan) and implement it during construction to ensure compliance with all applicable federal, State, and local laws and guidelines regarding the handling of hazardous materials. The Plan shall prescribe hazardous material handling procedures to reduce the potential for a spill during construction, or exposure of the workers or public to hazardous materials. The Plan shall also include a discussion of appropriate response actions in the event that hazardous materials are released or encountered during excavation activities. The Plan shall be submitted to the CPUC for review and approval prior to the commencement of construction activities.</p>	<p>PacificCorp and its contractor(s) to implement measure as defined.</p>	<p>PacificCorp to submit the Plan to the CPUC for review and approval.  CPUC mitigation monitor to inspect compliance at least once weekly.</p>	<p>Submit final plan to CPUC at least one week prior to start of construction.  During all phases of construction.</p>
	<p><b>2.7-1c:</b> PacificCorp shall prepare and implement a <i>Health and Safety Plan</i> to ensure the health and safety of construction workers and the public during construction. The Plan shall include information on the appropriate personal protective equipment to be used during construction. In addition, the Plan shall address emergency medical services in the case of an emergency. The Plan shall list procedures and specific emergency response and evacuation measures that would be required to be followed during emergency situations. PacificCorp shall prepare the Plan and distribute it to all construction crew members involved in the project prior to construction and operation of the Proposed Project.</p>	<p>PacificCorp and its contractor(s) to implement measure as defined.</p>	<p>PacificCorp to submit the Plan to the CPUC for review and approval.  CPUC mitigation monitor to inspect compliance at least once weekly.</p>	<p>Submit final plan to CPUC one week prior to start of construction.  During all phases of construction.</p>



**TABLE 5-1 (continued)  
MITIGATION MONITORING, REPORTING, AND COMPLIANCE PROGRAM FOR PACIFICORP'S MORRISON CREEK SUBSTATION PROJECT**

Environmental Impact	Mitigation Measures Proposed in this MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
<p><b>2.7-2:</b> Construction activities could release previously unidentified hazardous materials into the environment.</p>	<p><b>2.7-1d:</b> PacifiCorp shall establish and implement a <i>Workers Environmental Awareness Plan (WEAP)</i> to communicate environmental concerns and appropriate work practices to all construction field personnel. The training program shall emphasize site-specific physical conditions to improve hazard prevention, and shall include a review of the <i>Health and Safety Plan</i> and the <i>Hazardous Substance Control and Emergency Response Plan</i>. PacifiCorp shall submit documentation to the CPUC mitigation monitor prior to the commencement of construction activities that each worker on the Proposed Project has undergone this training program.</p> <p><b>2.7-1e:</b> PacifiCorp shall ensure that oil-absorbent material, tarps, and storage drums shall be used to contain and control any minor releases. Emergency spill supplies and equipment shall be kept at the project staging area and adjacent to all areas of work, and shall be clearly marked. Detailed information for responding to accidental spills and for handling any resulting hazardous materials shall be provided in the Proposed Project's <i>Hazardous Substance Control and Emergency Response Plan</i> (see Mitigation Measure 2.7-1b), which shall be implemented during construction.</p> <p><b>2.7-2:</b> PacifiCorp's <i>Hazardous Substance Control and Emergency Response Plan</i> shall include provisions that would be implemented if any subsurface hazardous materials are encountered during construction. Provisions outlined in the plan shall include immediately stopping work in the contaminated area and contacting appropriate resource agencies, including the CPUC designated monitor, upon discovery of subsurface hazardous materials. The plan shall include the phone numbers of local, regional, and State agencies and primary, secondary, and final cleanup procedures. The <i>Hazardous Substance Control and Emergency Response Plan</i> shall be submitted to the CPUC for review and approval prior to the commencement of construction activities.</p>	<p>PacifiCorp and its contractor(s) to implement measure as defined.</p>	<p>PacifiCorp and/or its contractor(s) to submit a description of the training.</p> <p>PacifiCorp shall submit copies of sign-in sheets from the training session(s) to CPUC to verify compliance.</p>	<p>Training to be completed at least one week prior to start of construction.</p> <p>Sign-in sheets to be submitted prior to start of construction.</p>
<p><b>2.7-2:</b> Construction activities could release previously unidentified hazardous materials into the environment.</p>	<p><b>2.7-2:</b> PacifiCorp's <i>Hazardous Substance Control and Emergency Response Plan</i> shall include provisions that would be implemented if any subsurface hazardous materials are encountered during construction. Provisions outlined in the plan shall include immediately stopping work in the contaminated area and contacting appropriate resource agencies, including the CPUC designated monitor, upon discovery of subsurface hazardous materials. The plan shall include the phone numbers of local, regional, and State agencies and primary, secondary, and final cleanup procedures. The <i>Hazardous Substance Control and Emergency Response Plan</i> shall be submitted to the CPUC for review and approval prior to the commencement of construction activities.</p>	<p>PacifiCorp and its contractor(s) to implement measure as defined.</p>	<p>CPUC mitigation monitor to inspect compliance at least once weekly.</p>	<p>During all phases of construction.</p>

**TABLE 5-1 (continued)  
MITIGATION MONITORING, REPORTING, AND COMPLIANCE PROGRAM FOR PACIFICORP'S MORRISON CREEK SUBSTATION PROJECT**

<b>Environmental Impact</b>	<b>Mitigation Measures Proposed in this MND</b>	<b>Implementing Actions</b>	<b>Monitoring/Reporting Requirements</b>	<b>Timing</b>
<p><b>2.7-3:</b> Proposed Project construction activities could ignite dry vegetation and start a fire.</p>	<p><b>2.7-3:</b> Water storage containers or water trucks shall be sited/constantly on-site in the Proposed Project area and be available for fire protection. All construction vehicles and work areas shall have fire suppression equipment and construction personnel shall be required to park vehicles away from dry vegetation. PacificCorp shall contact and coordinate with the Smith River Fire Protection District (SRFPD) and the California Department of Forestry and Fire Protection (Cal-Fire) to determine the minimum amounts of fire equipment to be located at the construction site and appropriate locations for the water tanks. PacificCorp shall submit verification of its consultation with SRFPD and Cal-Fire to the CPUC.</p>	<p>PacificCorp and its contractor(s) to implement measure as defined.</p>	<p>CPUC mitigation monitor to inspect compliance at least once weekly.</p>	<p>During all phases of construction.</p>
<p><b>Hydrology and Water Quality</b></p> <p>No impacts identified.</p>				
<p><b>Land Use, Plans, and Policies</b></p> <p>No impacts identified.</p>				
<p><b>Mineral Resources</b></p> <p>No impacts identified.</p>				
<p><b>Noise</b></p> <p><b>2.11-1:</b> The Proposed Project could generate adverse noise levels during project construction.</p>	<p><b>2.11-1:</b> Construction activity shall be limited to the least noise-sensitive daytime hours between 7:00 a.m. and 8:00 p.m., with some exceptions (as approved by the CPUC) as required for safety considerations or certain construction procedures that cannot be interrupted.</p>	<p>PacificCorp and its contractor(s) to implement measure as defined.</p>	<p>CPUC mitigation monitor to monitor compliance.</p>	<p>During all phases of construction.</p>
<p><b>Population and Housing</b></p> <p>No impacts identified.</p>				

**TABLE 5-1 (continued)  
MITIGATION MONITORING, REPORTING, AND COMPLIANCE PROGRAM FOR PACIFICORP'S MORRISON CREEK SUBSTATION PROJECT**

<b>Environmental Impact</b>	<b>Mitigation Measures Proposed in this MND</b>	<b>Implementing Actions</b>	<b>Monitoring/Reporting Requirements</b>	<b>Timing</b>
Public Services				
<b>2.13-1:</b> Proposed Project construction activities could temporarily increase the demand for fire protection services.	<b>2.13-1a:</b> Implement Mitigation Measure 2.7-1c.	PacifiCorp and its contractor(s) to implement measure as defined.	PacifiCorp to submit the Plan to the CPUC for review and approval.  CPUC mitigation monitor to inspect compliance at least once weekly.	Submit final plan to CPUC one week prior to start of construction.  During all phases of construction.
Recreation				
No impacts identified.				
Transportation / Traffic				
No impacts identified.				
Utilities and Service Systems				
<b>2.16-1:</b> Proposed Project construction activities could inadvertently contact underground utility lines and/or facilities during excavation and other ground disturbance, possibly leading to short-term utility service interruptions.	<b>2.13-1b:</b> Implement Mitigation Measure 2.7-3.  <b>2.16-1:</b> PacifiCorp shall ensure that Underground Service Alert is notified at least two working days prior to initiation of construction activities that require subsurface ground disturbance so that Underground Service Alert can verify the location of all existing underground facilities and alert the other utilities to mark their facilities in the area of anticipated construction activities.	PacifiCorp and its contractor(s) to implement measure as defined.	CPUC mitigation monitor to inspect compliance at least once weekly.	During all phases of construction.
<b>Mandatory Findings of Significance</b>				
No additional impacts identified.				

