

Application for a Certificate of Environmental Compatibility

Sonoran Substation to Wilmot Energy Center 138 Kilovolt Transmission Line Project

Prepared for:

**Arizona Power Plant and
Transmission Line Siting Committee**

Submitted by:

Tucson Electric Power Company

Date: August 15, 2018

Case No. 181

This page intentionally left blank

BEFORE THE
ARIZONA POWER PLANT AND TRANSMISSION LINE SITING COMMITTEE

In the matter of the Application of Tucson Electric Power Company, in conformance with the requirements of A.R.S. § 40-360, *et seq.*, for a Certificate of Environmental Compatibility authorizing the Sonoran Substation to Wilmot Energy Center 138 kilovolt (kV) Transmission Line Project, which includes the construction of new 138 kV transmission lines and associated facilities originating at the Sonoran Substation, Section 02, Township 16 South, Range 14 East, and terminating at the Cisne Switchyard, Sections 14 and 15, Township 16 South, Range 14 East, each located within Pima County, Arizona.

Docket No. _____

Case No. XXX

APPLICATION FOR
CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY

This page intentionally left blank

TABLE OF CONTENTS

TABLE OF CONTENTS.....	iii
LIST OF FIGURES.....	v
LIST OF TABLES.....	v
LIST OF EXHIBITS.....	vi
LIST OF ACRONYMS AND ABBREVIATIONS.....	vii
1.0 INTRODUCTION.....	1
2.0 APPLICATION FOR CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY.....	3
2.1 Project Information.....	3
EXHIBIT A: LOCATION AND LAND USE MAPS.....	A-1
EXHIBIT B: ENVIRONMENTAL REPORT.....	B-1
B.1 Introduction.....	B-1
B.2 Environmental Planning Process.....	B-1
B.2.1 Overview.....	B-1
B.2.2 Regional Study/Alternatives Identification.....	B-1
B.3 Environmental Statements.....	B-3
B.3.1 US Fish and Wildlife Service (USFWS).....	B-3
B.3.2 U.S. Army Corps of Engineers (USACE).....	B-3
B.3.3 Federal Aviation Administration (FAA).....	B-3
EXHIBIT C: AREAS OF BIOLOGICAL WEALTH.....	C-1
C.1 Biological Wealth.....	C-1
C.1.1 Introduction.....	C-1
C.2 Special Status Species.....	C-1
C.3 Important Riparian Areas.....	C-4
C.4 Potential Impacts.....	C-5
C.5 Conclusion.....	C-5
C.6 References.....	C-5
EXHIBIT D: BIOLOGICAL RESOURCES.....	D-1
D.1 General Project Setting.....	D-1
D.2 Biological Resources.....	D-1
D.3 Impacts.....	D-2

D.4 Conclusion	D-2
D.5 References	D-2
EXHIBIT E: SCENIC AREAS, HISTORIC SITES AND STRUCTURES, AND ARCHAEOLOGICAL SITES	E-1
E.1 Scenic Areas and Visual Resources	E-1
E.1.1 Overview	E-1
E.1.2 Landscape Setting	E-1
E.1.3 Visual Simulations Methods.....	E-3
E.1.4 Visual Assessment Results	E-3
E.2 Historic Sites and Structures, and Archaeological Sites.....	E-4
E.2.1 Overview	E-4
E.2.2 Inventory Methods and Results	E-4
E.3 References.....	E-5
EXHIBIT F: RECREATIONAL PURPOSES AND ASPECTS.....	F-1
EXHIBIT G: CONCEPTS OF PROPOSED FACILITIES.....	G-1
EXHIBIT H: EXISTING PLANS	H-1
H.1 Federal.....	H-1
H.2 State.....	H-1
H.3 County	H-1
H.4 City.....	H-2
H.5 Private.....	H-2
H.6 Land Use	H-2
H.6.1 Overview.....	H-2
H.6.2 Inventory	H-2
H.6.3 Impact Assessment and Results	H-5
H.7 Conclusion	H-5
H.8 References	H-5
EXHIBIT I: ANTICIPATED NOISE AND INTERFERENCE WITH COMMUNICATION SIGNALS.....	I-1
I.1 Corona and Audible Noise	I-1
I.2 Radio Interference	I-2
I.3 Television Interference	I-3
I.4 Electric and Magnetic Field Effects	I-3

I.5 References	I-5
EXHIBIT J: SPECIAL FACTORS.....	J-1
J.1 Introduction	J-1
J.2 Public Involvement Program Summary	J-1
J.2.1 Stakeholder Briefings and Meeting	J-1
J.2.2 Newsletters/Fact Sheets.....	J-6
J.2.3 Public Open House Meetings.....	J-6
J.2.4 Telephone Information Line	J-7
J.2.5 Project Website	J-7
J.2.6 Social Pinpoint	J-8
J.2.7 Comment Tracking Database (Exhibit J-19).....	J-8
J.3 Public Comments Received.....	J-8

LIST OF FIGURES

Figure 1. EMFs from Various Sources	I-4
Figure 3. Magnetic Field at Distance from Centerline	I-4
Figure 4. Electric Field at Distance from Centerline.....	I-5
Figure 5. Public Comments and Concerns by Topic	J-9
Figure 6. Alternative Routes That Received Comments in Favor During First Public Outreach	J-10
Figure 7. Northern Alternative Routes Results	J-11
Figure 8. Southern Alternative Routes Results	J-11

LIST OF TABLES

Table 1. Alternative Routes: Distances	5
Table 2. Estimated Costs by Alternative	6
Table 3. Land Ownership	9
Table 4. Special Status Species with Potential to Occur	C-2
Table 5. Invasive, Non-native Plant Species Observed in the Project Area	D-2
Table 6. Future Plans in the Study Area	H-4
Table 7. EMF Strength of Various Electrical Sources at Various Distances.....	I-3
Table 8. Stakeholder List and Participation Level	J-2

LIST OF EXHIBITS

		EXHIBIT PAGE #
A	Location and Land Use Maps	1
A-3	138 kV Transmission Line – Location	5
A-4	138 kV Transmission Line – Land Use	7
B	Environmental Report	9
C	Areas of Biological Wealth	15
C-1	Biological Map	23
C-2	Biological Evaluation	25
D	Biological Resources	119
E	Scenic, Historic, Archaeological	125
E-1	Visual Resources Analysis Table	133
E-2	Cultural Resources Inventory (Redacted)	135
F	Recreation	211
F-1	Recreation Map	215
G	Concepts of Proposed Facilities	217
G-1	Structure Drawing – Single Circuit Tangent	221
G-2	Structure Drawing – Single Circuit Angle and Deadend	222
G-3	Structure Drawing – Three-Double Circuit Tangent	223
G-4	Structure Drawing – Three-Double Circuit Angle and Deadend	224
G-5	Sonoran Substation Plan	225
G-6	Cisne Switchyard Plan	229
G-7	Visual Simulations	231
H	Existing Plans	287
H-1	Map of Residences in Project Area	295
I	Noise and Interference with Communication	297
I-1	EMF Analysis	305
J	Special Factors	315
J-1	Stakeholder Meeting Sign-in Sheets	329
J-2	Newsletters and Comment Forms	331
J-3.1	Open House Meeting #1 Newspaper Notices	339
J-3.2	Open House Meeting #1 Sign-in Sheets	341
J-3.3	Open House Meeting #1 and #2 Posters	343
J-3.4	Open House Meeting #2 Newspaper Notices	351
J-3.5	Open House Meeting #2 Sign-in Sheets	353
J-3.6	Open House Meeting #2 Location Map and sample substation Posters	355
J-4	Public Comments Received	357
J-5	Public Comment Matrix	379
J-6	Letter from Tucson Airport Authority	385
J-7	Letter from NextEra Energy Resources	389
J-8	Letter from Pima County	391

LIST OF ACRONYMS AND ABBREVIATIONS

3d	3-dimensional
A	Amperes
ACC	Arizona Corporation Commission
ADOT	Arizona Department of Transportation
AM	Amplitude modulation
AN	Audible noise
A.R.S.	Arizona Revised Statutes
ASM	Arizona State Museum
AZGFD	Arizona Game and Fish Department
BE	Biological Evaluation
CEC	Certificate of Environmental Compatibility
Committee	Arizona Power Plant and Transmission Line Siting Committee
dBA	A-weighted decibels
EIS	Environmental Impact Statement
EMF	Electric and Magnetic Fields
°F	Degrees Fahrenheit
FAA	Federal Aviation Administration
FCC	Federal Communications Commission
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Maps
FM	Frequency modulation
GIS	Geographic Information System
HCP	Habitat Conservation Plan
HDMS	Heritage Data Management System
I-10	Interstate 10
I-19	Interstate 19
IPaC	Information for Planning and Consultation

IRA	Important Riparian Area
KOP	Key Observation Point
kV	Kilovolts
MBTA	Migratory Bird Treaty Act
MW	Megawatts
NEPA	National Environmental Policy Act
NRHP	National Register of Historic Places
NWP	Nationwide Permit
Project	Sonoran Substation to Wilmot Energy Center 138 kV Transmission Line Project
SDCP	Sonoran Desert Conservation Plan
South Wilmot	South Wilmot Land Investors, LLC
SWAP	State Wildlife Action Plan
TAA	Tucson Airport Authority
TEP	Tucson Electric Power Company
TIA	Tucson International Airport
UPRR	Union Pacific Railroad
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
V	Volts
WEC	Wilmot Energy Center
WEC LLC	Wilmot Energy Center, LLC

1.0 INTRODUCTION

Tucson Electric Power Company (TEP) requests that the Arizona Power Plant and Transmission Line Siting Committee (Committee) issue a Certificate of Environmental Compatibility (CEC) granting authority to construct the Sonoran Substation to Wilmot Energy Center (WEC) 138 Kilovolt (kV) Transmission Line Project (Project).

The Project will consist of two (2) distinct portions, a northern portion and a southern portion. The northern portion will connect three (3) existing 138 kV transmission lines into and out of the planned Sonoran Substation. The southern portion will connect the planned Sonoran Substation to the planned Cisne Switchyard via a single 138 kV transmission line. The Cisne Switchyard is the point of interconnection for the planned WEC, site of TEP's largest planned community-scale solar and battery storage installation, to the TEP 138 kV transmission system.

The northern portion of the Project will interconnect TEP's 138 kV system through points of interconnection with the existing Irvington to Robert Bills, South Loop to Irvington, and Irvington to Vail 138 kV transmission lines. All of these lines intersect at East Old Vail Connection Road and South Swan Road on a triple-circuit lattice structure. The triple-circuit lattice structure is the start point for the northern portion of the Project and will connect to the Sonoran Substation using three double-circuit structures, taking all three circuits into and out of the planned Sonoran Substation. The length of these three double-circuit transmission lines would total approximately 1.07 to 1.42 miles, depending on whether the Northern 1 or Northern 2 alternative is selected (see Exhibit A-3).

The southern portion of the Project will begin at the planned Cisne Switchyard and head north to the planned Sonoran Substation¹. This portion of the Project will connect a 100 megawatt (MW) solar system and a 30 MW battery storage system, being developed by NextEra Energy Resources, to TEP's system. The WEC will i) support TEP's efforts to provide 30 percent of its power from renewable resources by 2030; ii) strengthen electric reliability for area customers; and iii) meet projected future energy needs in the area including development along the Aerospace Parkway and Arizona Department of Transportation (ADOT) future Sonoran Corridor that is planned to connect Interstate 19 (I-19) and Interstate 10 (I-10). The length of this single-circuit transmission line is approximately 1.86 to 3.04 miles, depending on whether the Southern 1 or Southern 2 alternative is selected (see Exhibit A-3).

The transmission lines will cross private land, and may utilize City of Tucson (COT) and/or Pima County road rights-of-way, depending on the alternative selected. TEP is requesting a 1,000-foot corridor to site three (3) sets of double-circuit structures for the northern portion of the Project and a 500-foot corridor to site one (1) set of structures for the southern portion of the Project to allow for siting flexibility and to accommodate property owner preferences.

¹ Application to the COT for the Special Exception Land Use Permit will be filed in September 2018 for the Sonoran Substation and a decision from the COT is anticipated in December 2018.

The CEC requested in this application balances, in the broad public interest, the need for an adequate, economical, and reliable supply of electric power, with the desire to minimize impacts on the environment and ecology. The Project will result in no adverse impacts on factors to be considered by the Committee including: existing land use plans; fish, wildlife, and plant life; areas unique because of biological wealth; scenic areas, historic sites and structures and archaeological sites; and the total environment of the area. As such, TEP respectfully requests that the Committee grant, and the Arizona Corporation Commission (ACC) approve, the requested CEC for the Project.

2.0 APPLICATION FOR CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY

(Pursuant to A.R.S. § 40-360.03 and 40-360.06)

2.1 Project Information

1. Name and address of Applicant:

Tucson Electric Power Company (TEP)
88 East Broadway Blvd, Tucson, AZ 85701
PO Box 711, Tucson, AZ 85702

2. Name, address and telephone number of a representative of Applicant who has access to technical knowledge and background information concerning this application, and who will be available to answer questions or furnish additional information:

Ed Beck
Director, Transmission Development
Tucson Electric Power
88 East Broadway Blvd, Tucson, AZ 85701
PO Box 711, Tucson, AZ 85702
Phone: (520) 884-3615

3. Dates on which Applicant filed a Ten-Year Plan in compliance with A.R.S. § 40-360.02, and designate each such filing in which the facilities for which this application is made were described. If they have not been previously described in a Ten-Year Plan, state the reasons therefore:

TEP's current "Ten-Year Plan Transmission Projects for Years 2018-2027," filed in January 2018 in Docket No. E-00000D-17-0001, includes this Project. The Project was identified as a planned high-voltage transmission line project on page 48 of its plan.

This Project resulted from a TEP request for proposal for solar generation that was issued in 2016 and was not included in previous ten-year plans.

4. Description of transmission line:

i. Nominal voltage for which the lines are designed; description of the proposed structures and switchyards or substations; purpose for constructing:

Nominal Voltage

The nominal voltage of the three double-circuit transmission lines for the northern portion of the Project is 138 kV alternating current. These transmission lines interconnect the planned Sonoran Substation to TEP's existing Irvington to Robert Bills, existing South Loop to Irvington, and existing Irvington to Vail 138 kV transmission lines.

The nominal voltage of the single-circuit transmission line for the southern portion of the Project is 138 kV alternating current. This transmission line interconnects the Sonoran Substation to the planned Cisne Switchyard, the interconnection point for the WEC.

Description of Structures

The transmission line structures will be tubular steel monopole structures. The structures are typically 75 to 120 feet above ground. Depending on the route selected, taller structures may be required for site specific clearance issues. The average span length between structures will be approximately 600 feet; departures from this span length may be necessary to achieve site-specific mitigation objectives. The tubular steel pole structures will have a self-weathering finish, and the conductor will have a non-specular finish to reduce visibility.

Description of Substation and Switchyards

The Project originates at the planned Sonoran 138 kV Substation, which will be located on private land approximately 1,100 feet east of South Swan Road and 0.75 miles south of East Old Vail Connection Road.

The Project will terminate at the planned Cisne 138 kV Switchyard, which will be located on private land within the WEC. The Cisne Switchyard will be 450-feet by 300-feet and will be enclosed by an 8'-0" chain link fence topped with 1'-0" of razor wire.

See Exhibits G-1 through G-4 for typical structures; Exhibits G-5 for substation and G-6 for the switchyard layout; Exhibit G-7 for visual simulations of the transmission line, substation, and switchyard.

Project Purpose

The purpose of the Project is to connect TEP's electrical system to the planned community-scale 100 (MW) solar array and 30 MW battery storage system at the WEC. This Project will i) support TEP's efforts to provide 30 percent of its power from renewable resources by 2030; ii) strengthen electric reliability for area customers; and iii) meet projected future energy needs in the area including development along the Aerospace Parkway and ADOT's future Sonoran Corridor that is planned to connect Interstate 19 and Interstate 10.

Potential new businesses in the area could require nearly 200 MVA, which cannot be supported by the existing 46 kV and 13.8 kV infrastructure. The planned Sonoran Substation will provide additional capacity to the area around the substation, add contingency support, operational capacity and flexibility, and support economic development in the area by having infrastructure that can quickly support such development.

The Cisne Switchyard provides an interconnection point with the planned solar array and battery storage system.

The Project will also assist TEP in meeting its obligation to provide reliable and affordable electrical power to customers within its service territory.

ii. Description of geographic points between which the transmission line will run; Straight-line distance between such geographic points; Length of the transmission line for each alternate route:

Description of Geographic Points

The northern portion of the Project will run north from the planned Sonoran Substation to connect with three existing 138 kV transmission lines that are located at South Swan Road and East Old Vail Connection Road.

The southern portion of the Project will run south from the planned Sonoran Substation, located approximately 0.75 miles south of East Old Vail Connection Road and 1,000 feet east of South Swan Road, to the planned Cisne Switchyard, to be located approximately 2.25 miles south of East Old Vail Connection Road in Tucson, Arizona.

Straight-line Distance

The straight-line distance from the planned Sonoran Substation to the existing transmission line interconnections is approximately 0.9 miles (northern portion of the Project).

The straight-line distance from the planned Sonoran Substation to the planned Cisne Switchyard is approximately 1.5 miles (southern portion of the Project).

Length of Transmission Line Alternatives

The distances of the transmission line alternatives are shown in Table 1:

Table 1. Alternative Routes: Distances

Alternative	Distance (miles)
NORTHERN TRANSMISSION LINES	
Northern 1	1.07
Northern 2	1.42
SOUTHERN TRANSMISSION LINE	
Southern 1	1.86
Southern 2	3.04

iii. Nominal width of right-of-way required; nominal length of span; typical height of supporting structures above ground; minimum height of conductor above ground:

Nominal Width of Right-of-Way

In areas not covered by existing franchise agreements, the applicant plans to acquire a right-of-way up to 400-foot wide for the northern portion of the Project and 100-foot-wide for the southern portion of the Project.

Nominal Length of Span

The nominal length of span is approximately 600 feet.

Typical Height of Supporting Structures

Supporting structures typically will range from 75 feet to 120 feet for the transmission lines.

Minimum Height of Conductor

The minimum height of the 138 kV transmission line conductor above existing grade will be 25 feet.

iv. Estimated costs of the proposed transmission line and route:

Estimates for the alternative routes are shown in Table 2. Variations in cost depend upon length of construction and quantity of materials required, as well as mitigation of existing conflicts and acquisition of land rights. The total Project cost is anticipated to range between \$6-7.6 million, depending on which combination of Northern and Southern alternatives is selected.

Table 2. Estimated Costs by Alternative

Alternative	Construction and Materials (\$ million)	Land Acquisition (\$ million)	Total Cost (\$ million)
Northern 1	\$3.4	\$0.878	\$ 4.2780
Northern 2	\$3.8	\$0.916	\$ 4.7160
Southern 1	\$1.6	\$0.159	\$ 1.7590
Southern 2	\$2.2	\$0.669	\$ 2.8690

v. Description of proposed route and switchyard locations. (If application contains alternative routes, list routes in order of applicant's preference with a summary of reasons for such order of preference and any changes such alternative routes would require in the plans reflected in (i) through (iv) hereof):

Description of Proposed Routes

Northern 2 Alternative (Preferred)

The Northern 2 Alternative is preferred for the northern portion of the Project. It is approximately 1.42 miles in length. This route originates at the existing 138 kV lines on East Old Vail Connection Road and South Swan Road, and continues east on the south side of East Old Vail Connection Road for 0.67 miles, then turns south for 0.65 miles to the planned Sonoran Substation. This alternative also includes rebuilding 0.67 miles of existing transmission lines on the south side of East Old Vail Connection Road. The Northern 2 Alternative is located partially in COT road right-of-way where it crosses South Swan Road and on private land owned by the Tucson Airport Authority (TAA). The Northern 2 alternative is preferred by TAA.

Southern 1 Alternative (Preferred)

The Southern 1 Alternative is preferred for the southern portion of the Project. It is approximately 1.86 miles in length. This route exits the planned Sonoran Substation on the west side, then continues south within the east right-of-way along South Swan Road to the north section line of Section 11. At this point it crosses diagonally southwest over South Swan Road to continue south, partially within the west right-of-way of South Swan Road and partially on private land owned by South Wilmot Land Investors, LLC (South Wilmot) for approximately 1.3 miles. It then turns east to connect with the planned Cisne Switchyard. The Southern 1 Alternative is located partially in Pima County road right-of-way along the east and west sides of South Swan Road and on private land owned by TAA, South Wilmot, and Wilmot Energy Center, LLC (WEC LLC). The Southern 1 alternative is preferred by South Wilmot and WEC LLC.

Northern 1 Alternative

The Northern 1 Alternative is an option for the northern portion of the Project. It is approximately 1.07 miles in length. This route originates at the existing 138 kV lines on East Old Vail Connection Road and South Swan Road, and continues south on the east side of South Swan Road for 0.73 miles and then turns east for 1,100 feet to the planned Sonoran Substation. The Northern 1 Alternative is located partially in COT road right-of-way along South Swan Road and on private land owned by TAA.

Southern 2 Alternative

The Southern 2 Alternative is an option for the southern portion of the Project. It is approximately 3.04 miles in length. This route exits the planned Sonoran Substation on the east side, continues east for approximately 0.5 miles to the east section line of Section

11, then turns south to follow the section line to approximately 100 feet south of the southern section line, where it turns west to connect with the planned Cisne Switchyard. The Southern 2 Alternative is located on private land owned by the TAA, South Wilmot, and WEC LLC.

Switchyard Description

Cisne Switchyard will be located within the WEC, approximately 1,800 feet south of the end of South Swan Road. The Cisne Switchyard will be 450-feet by 300-feet and will be enclosed by an 8'-0" chain link fence topped with 1'-0" of razor wire.

Reasons for Order of Preference

TEP prefers the Northern 2 and Southern 1 alternatives. The majority of the Project is located on private lands owned by TAA, South Wilmot, and WEC LLC. TEP has worked closely with these landowners to develop alternatives that are compatible with their future development plans for their properties. TEP's preferred alternatives align with the preferences of these landowners, who have affirmed their support of TEP's preferred alternatives. As the application will demonstrate, there is a negligible difference between the preferred and second choice alternatives from biological, cultural, land use and visual resource perspectives. Furthermore, despite TEP noticing over 16,000 residents on two occasions, publishing notices in local newspapers, and posting information on our website, we had few attendees at the public meetings and received only 21 comments about the Project, of which only ten (10) expressed any preferences. There was no overwhelming public support or opposition for any of the alternatives. and there was no overwhelming.

From a cost perspective, the Northern 2 Alternative is about \$440,000 more than the Northern 1 Alternative, a difference of about 9%. There is a much larger difference between the southern alternatives. The Southern 1 route cost is about \$1.1 million lower than the Southern 2 route, or about 39% less.

vi. Based on the stated preferences of the landowners, consideration of future development plans in the area, a lack of public preference for one alternative over the other and negligible difference between the alternatives from an environmental standpoint, TEP favors Northern 2 and Southern 1 alternatives. For each alternative route for which application is made, list the ownership percentages of land traversed by the entire route (federal, state, Indian, private, etc.):

Land ownership in the study area is private. Table 3 indicates the corridor jurisdiction. The portions of the alternatives in COT and Pima County road rights-of-way would use TEP's existing franchise agreements, which allow for the transmission line to be located within County and City rights-of-way. Private land ownership is indicated when there are no existing County or City rights-of-way.

Table 3. Land Ownership

Alternative	City of Tucson (road ROW)	Pima County (road ROW)	Private (no existing ROW)
Northern 1	5.14%	N/A	94.86%
Northern 2	2.19%	N/A	97.81%
Southern 1	N/A	40.03%	59.97%
Southern 2	N/A	N/A	100.00%

5. **List the areas of jurisdiction [as defined in A.R.S. § 40-360(1)] affected by each alternative site or route and designate those proposed sites or routes, if any, which are contrary to the zoning ordinances or master plans of any of such areas of jurisdiction.**

The northern portion of the Project is within the jurisdiction of the COT. The southern portion of the Project is within the jurisdiction of the COT and Pima County. All four alternatives are compatible with local land use plans and zoning.

6. **Describe any environmental studies applicant has performed or caused to be performed in connection with this application or intends to perform or cause to be performed in such connection, including the contemplated date of completion.**

TEP has conducted environmental studies, including field studies and impact assessments, to support this application. Information and reports on these study efforts are contained in the following exhibits:

- Exhibit A Location and Land Use Maps
- Exhibit B Environmental Report
- Exhibit C Areas of Biological Wealth
- Exhibit D Biological Resources
- Exhibit E Scenic Areas, Historic Sites and Structures, and Archaeological Sites
- Exhibit F Recreational Purposes and Aspects
- Exhibit G Concepts of Proposed Facilities
- Exhibit H Existing Plans
- Exhibit I Anticipated Noise and Interference with Communication Signals
- Exhibit J Special Factors (Includes Public Involvement)

This page intentionally left blank