



**BEFORE THE ARIZONA POWER PLANT  
AND TRANSMISSION LINE SITING COMMITTEE**

IN THE MATTER OF THE APPLICATION OF  
ARIZONA PUBLIC SERVICE COMPANY, IN  
CONFORMANCE WITH THE  
REQUIREMENTS OF ARIZONA REVISED  
STATUTES 40-360, ET SEQ., FOR  
CERTIFICATES OF ENVIRONMENTAL  
COMPATIBILITY FOR THE WESTWING 230  
KILOVOLT (KV) INTERCONNECTION  
PROJECT, WHICH AUTHORIZES THE  
CONSTRUCTION OF A NEW SINGLE-  
CIRCUIT 230KV TRANSMISSION LINE  
ORIGINATING AT THE WESTWING  
SUBSTATION (SECTION 12, TOWNSHIP 4  
NORTH, RANGE 1 WEST) AND  
TERMINATING AT THE PLANNED AES  
BATTERY ENERGY STORAGE SYSTEM  
SUBSTATION (SECTION 1, TOWNSHIP 4  
NORTH, RANGE 1 WEST), LOCATED IN  
PEORIA, MARICOPA COUNTY, ARIZONA.

Docket No.:  
L-00000D-21-0257-00190

Case No. 190

**NOTICE OF ERRATA  
AND NOTICE OF FILING  
AMENDED CERTIFICATE OF  
ENVIRONMENTAL  
COMPATIBILITY**

Arizona Corporation Commission

**DOCKETED**

NOV - 9 2021

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AZ CORP COMMISSION  
DOCKET CONTROL

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RECEIVED

Paul A. Katz, designee of the Attorney General of Arizona, Mark Brnovich, as  
Chairman and Presiding Officer of the Arizona Power Plant and Transmission Line Siting  
Committee, hereby files this Notice of Errata regarding the Certificate of Environmental  
Compatibility (“CEC-2”) submitted to Docket Control on August 31, 2021.

Page 2, Line 17 of CEC-2 incorrectly states “and the Arizona Corporation  
Commission (ACC) represented by ...” and should state “and the Arizona Corporation  
Commission (ACC) Staff represented by...”.

The Amended CEC-2 containing the corrected language is attached hereto.

DATED this 9th day of November, 2021.

*Paul A. Katz*

Paul A. Katz, Chairman  
Arizona Power Plant and Transmission  
Line Siting Committee  
Assistant Attorney General  
[Paul.Katz@azag.gov](mailto:Paul.Katz@azag.gov)

**CERTIFICATE OF MAILING**

Pursuant to A.A.C. R14-3-204, the **ORIGINAL** of the foregoing and 26 copies were filed this 9th day of November, 2021 with:

**Utilities Division - Docket Control**  
**Arizona Corporation Commission**  
**1200 West Washington Street**  
**Phoenix, AZ 85007**

**COPIES** of the above mailed this 9th day of November, 2021 to:

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18 Tod Brewer/CEC 190

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**BEFORE THE ARIZONA POWER PLANT  
AND TRANSMISSION LINE SITING COMMITTEE**

IN THE MATTER OF THE APPLICATION OF ARIZONA PUBLIC SERVICE COMPANY, IN CONFORMANCE WITH THE REQUIREMENTS OF ARIZONA REVISED STATUTES 40-360, ET SEQ., FOR CERTIFICATES OF ENVIRONMENTAL COMPATIBILITY FOR THE WESTWING 230 KILOVOLT (KV) INTERCONNECTION PROJECT, WHICH AUTHORIZES THE CONSTRUCTION OF A NEW SINGLE-CIRCUIT 230KV TRANSMISSION LINE ORIGINATING AT THE WESTWING SUBSTATION (SECTION 12, TOWNSHIP 4 NORTH, RANGE 1 WEST) AND TERMINATING AT THE PLANNED AES BATTERY ENERGY STORAGE SYSTEM SUBSTATION (SECTION 1, TOWNSHIP 4 NORTH, RANGE 1 WEST), LOCATED IN PEORIA, MARICOPA COUNTY, ARIZONA.

DOCKET NO. L-00000D-21-0257-00190  
  
Case No. 190  
  
AMENDED CEC-2

**AMENDED CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY**  
**INTRODUCTION**

Pursuant to notice given as provided by law, the Arizona Power Plant and Transmission Line Siting Committee (Committee) held public hearings in Phoenix, Arizona, on August 23-25, 2021, in conformance with the requirements of the Arizona Revised Statutes (A.R.S.) § 40-360, *et seq.* for the purpose of receiving evidence and deliberating on the July 13, 2021 application (Application) of Arizona Public Service Company (APS or Applicant) for Certificates of Environmental Compatibility (CEC or Certificate) in the above-captioned case.

The following members and designees of members of the Committee were present at one or more of the hearing days for the evidentiary presentations, public comment, and/or for the deliberations:

1	Thomas Chenal	Chairman, Designee for Arizona Attorney General
2	Leonard Drago	Designee for Director, Arizona Department of Environmental
3		Quality
4	John R. Riggins	Designee for Director, Arizona Department of Water Resources
5	Zachary Branum	Designee of the Chairman, Arizona Corporation Commission
6	Karl Gentles	Appointed Member, representing the general public
7	Jack Haenichen	Appointed Member, representing the general public
8	Patricia A. Noland	Appointed Member, representing the general public
9	Mary Hamway	Appointed Member, representing cities and towns
10	Rick Grinnell	Appointed Member, representing counties
11	James Palmer	Appointed Member, representing agriculture

13           The Applicant was represented by Linda J. Benally and Jennifer L. Spina of APS  
14 and J. Matthew Derstine of Snell and Wilmer, LLP. The following parties were granted  
15 intervention pursuant to A.R.S. § 40-360.05: AES Energy Storage, LLC, a subsidiary  
16 of the AES Corporation (AES), represented by Meghan Grabel of Osborn Maledon,  
17 P.A., and the Arizona Corporation Commission (ACC) Staff represented by Maureen  
18 A. Scott, J. Antonio Arias, and Katherine Kane.

19           At the conclusion of the hearings, the Committee, after considering the (i)  
20 Application, (ii) evidence, testimony, and exhibits presented by the Applicant, and (iii)  
21 comments of the public, and being advised of the legal requirements of A.R.S. §§ 40-  
22 360 through 40-360.13, upon motion duly made and seconded, voted 10 to 0, to grant  
23 APS and its successors and assigns this CEC and a companion CEC for construction of  
24 the Westwing 230 kilovolt (kV) Interconnection Project (Project) as described below.

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**OVERVIEW OF THE PROJECT**

The Project consists of a new, approximately 0.52-mile, 230kV transmission line connecting the existing Westwing Substation northward to the planned AES Energy Storage Project (ESP). The single-circuit 230kV transmission line, built on double-circuit-capable structures, will be collocated with the existing 69kV Calderwood-Westwing sub-transmission line (Calderwood-Westwing 69kV Line) that will extend from the Westwing Substation to the AES ESP. Two CECs are being approved to allow for future transfer of the second CEC to cover different ownership of the future line. This CEC, CEC-2, is for the portion of the Project that will be owned by AES and that extends from the Point of Demarcation (POD) outside of the planned ESP to the AES-owned substation located within the planned AES ESP (AES Substation). The companion CEC, CEC-1, is for the portion of the Project that will be owned by APS and that extends from the Westwing Substation to the POD.

The corridor for CEC-2 begins at the Point of Demarcation, described as Township 33°42.44' N Range 112°19.22' W Gila & Salt River Baseline & Meridian (G&SRB&M), and proceeds northwest as a 200-foot wide corridor for approximately 0.07 mile to a point approximately described as Township 33°42.47' N Range 112°19.23' W G&SRB&M within the AES Substation. The entirety of the corridor for CEC-2 is on privately owned land. A map of the Project showing the corridor is attached in **Exhibit A**.

**CONDITIONS**

This Certificate is granted upon the following conditions:

1. This authorization to construct the Project shall expire ten (10) years from the date this Certificate is approved by the Commission, with or without modification. Construction of the Project shall be complete, such that the Project is in-service within this ten-year timeframe. However, prior to the expiration of the time period, APS may request that the Commission extend the time limitation.

1           2.     In the event the Project requires an extension of the term(s) of this  
2 Certificate prior to completion of construction, APS shall file such time extension  
3 request at least one hundred eighty (180) days prior to the expiration date of the  
4 Certificate. APS shall use reasonable means to promptly notify the Board of Supervisors  
5 of Maricopa County, Arizona State Land Department (ASLD), and all cities and towns  
6 within a five (5) mile radius of the centerline of the Project and all landowners and  
7 residents within a five (5) mile radius of the centerline of the Project, all persons who  
8 made public comment at this proceeding who provided a mailing or email address, and  
9 all parties to this proceeding. The notification provided will include the request and the  
10 date, time, and place of the hearing or open meetings during which the Commission will  
11 consider the request for extension. Notification shall be no more than three (3) business  
12 days after APS is made aware of the hearing date or the open meeting date.

13           3.     During the development, construction, operation, maintenance, and  
14 reclamation of the Project, APS shall comply with all existing applicable air and water  
15 pollution control standards and regulations, and with all existing applicable statutes,  
16 ordinances, master plans, and regulations of any governmental entity having jurisdiction  
17 including, but not limited to, the United States of America, the State of Arizona,  
18 Maricopa County, and their agencies or subdivisions including, but not limited to, the  
19 following:

- 20           a. All applicable land use regulations;
- 21           b. All applicable zoning stipulations and conditions including, but not  
22           limited to, landscaping and dust control requirements;
- 23           c. All applicable water use, discharge and/or disposal requirements of the  
24           Arizona Department of Water Resources and the Arizona Department  
25           of Environmental Quality;
- 26           d. All applicable noise control standards; and
- 27           e. All applicable regulations governing storage and handling of hazardous  
28           chemicals and petroleum products.

1           4.     APS shall obtain all approvals and permits necessary to construct, operate  
2 and maintain the Project required by any governmental entity having jurisdiction  
3 including, but not limited to, the United States of America, the State, Maricopa County,  
4 and their agencies and subdivisions.

5           5.     APS shall comply with the Arizona Game and Fish Department (AGFD)  
6 guidelines for handling protected animal species, should any be encountered during  
7 construction and operation of the Project, and shall consult with AGFD as necessary on  
8 other issues concerning wildlife.

9           6.     APS shall design the Project to incorporate reasonable measures to  
10 minimize electrocution of and impacts to avian species. Such measures will be  
11 accomplished through compliance with the Avian Power Line Interaction Committee  
12 guidelines set forth in the 2006 Electrocution Manual and the 2012 Collision Manual.

13          7.     APS shall consult with the State Historical Preservation Office (SHPO)  
14 with respect to cultural resources. If any archaeological, paleontological, or historical  
15 site or a significant object is discovered on state, county, or municipal land during the  
16 construction or operation of the Project, APS or its representative in charge shall  
17 promptly report the discovery to the Director of the Arizona State Museum (ASM), and  
18 in consultation with the Director, shall immediately take all reasonable steps to secure  
19 and maintain the preservation of the discovery as required by A.R.S. § 41-844.

20          8.     APS shall comply with the notice and salvage requirements of the Arizona  
21 Native Plant Law (A.R.S. §§ 3-901, *et seq.*) and shall, to the extent feasible, minimize  
22 the destruction of native plants during the construction and operation of the Project.

23          9.     APS shall make every reasonable effort to promptly investigate, identify,  
24 and correct, on a case-specific basis, all complaints of interference with radio or  
25 television signals from operation of the Project addressed in this Certificate and where  
26 such interference is caused by the Project take reasonable measures to mitigate such  
27 interference. APS shall maintain written records for a period of five (5) years of all  
28 complaints of radio or television interference attributable to operations, together with the

1 corrective action taken in response to each complaint. All complaints shall be recorded  
2 to include notations on the corrective action taken. Complaints not leading to a specific  
3 action or for which there was no resolution shall be noted and explained. Upon request,  
4 the written records shall be provided to the Staff of the Commission. APS shall respond  
5 to complaints and implement appropriate mitigation measures. In addition, the Project  
6 shall be evaluated on a regular basis so that damaged insulators or other line materials  
7 that could cause interference are repaired or replaced in a timely manner.

8 10. If human remains and/or funerary objects are encountered on private land  
9 during the course of any ground-disturbing activities related to the construction or  
10 maintenance of the Project, APS shall cease work on the affected area of the Project and  
11 notify the Director of the ASM as required by A.R.S. § 41-865.

12 11. Within one hundred twenty (120) days of the Commission's decision  
13 approving this Certificate, APS shall post signs in or near public rights-of-way, to the  
14 extent authorized by law, along the route of the Project giving notice of the Project.  
15 Such signage shall be no smaller than a roadway sign. The signs shall advise:

- 16 a. Future site of the Project;
- 17 b. A phone number and website for public information regarding the  
18 Project; and
- 19 c. Refer the Public to the Docket <https://edocket.azcc.gov/Search/Docket-Search>.  
20

21 Such signs shall be inspected at least once annually and, if necessary, be repaired or  
22 replaced, and removed at the completion of construction.

23 12. At least ninety (90) days before construction commences on the Project,  
24 APS shall provide cities and towns within five (5) miles of the Project, the Board of  
25 Supervisors for Maricopa County, and ASLD, and known builders and developers who  
26 are building upon or developing land within one (1) mile of the centerline of the Project  
27 with a written description, including height and width measurements of all structure  
28 types, of the Project. The written description shall identify the location of the Project and

1 contain a pictorial depiction of the facilities being constructed. APS shall also encourage  
2 the developers and builders to include this information in their disclosure statements.

3 13. APS shall use non-specular conductors and non-reflective surfaces for the  
4 transmission line structures on the Project.

5 14. APS shall be responsible for arranging that all field personnel involved in  
6 the Project receive training as to proper ingress, egress, and on-site working protocol for  
7 environmentally sensitive areas and activities. Contractors employing such field  
8 personnel shall maintain records documenting that the personnel have received such  
9 training.

10 15. APS shall follow the most current Western Electricity Coordinating  
11 Council (WECC) and North American Electric Reliability Corporation (NERC)  
12 planning standards, as approved by the Federal Energy Regulatory Commission (FERC),  
13 National Electrical Safety Code (NESC) standards and Federal Aviation Administration  
14 (FAA) regulations.

15 16. APS shall participate in good faith in state and regional transmission study  
16 forums to coordinate transmission expansion plans related to the Project and to resolve  
17 transmission constraints in a timely manner.

18 17. When Project facilities are located parallel to and within one hundred  
19 (100) feet of any existing natural gas or hazardous liquid pipeline, APS shall:

- 20 a. Ensure grounding and cathodic protection studies are performed to  
21 show that the Project's location parallel to and within one hundred  
22 (100) feet of such pipeline results in no material adverse impacts to the  
23 pipeline or to public safety when both the pipeline and the Project are  
24 in operation. APS shall take appropriate steps to ensure that any  
25 material adverse impacts are mitigated. APS shall provide to Staff of  
26 the Commission, and file with Docket Control, a copy of the studies  
27 performed and additional mitigation, if any, that were implemented as  
28 part of its annual compliance-certification letter; and

1           b. Ensure that studies are performed simulating an outage of the Project  
2           that may be caused by the collocation of the Project parallel to and  
3           within one hundred (100) feet of the existing natural gas or hazardous  
4           liquid pipeline. The studies should either: i) show that such simulated  
5           outage does not result in customer outages, or ii) include operating  
6           plans to minimize any resulting customer outages. APS shall provide a  
7           copy of the study results to Staff of the Commission and file them with  
8           Docket Control as part of APS's annual compliance certification letter.

9           18. APS shall submit a compliance certification letter annually, identifying  
10          progress made with respect to each condition contained in this Certificate, including  
11          which conditions have been met. The letter shall be submitted to the Commission's  
12          Docket Control commencing December 1, 2022. Attached to each certification letter  
13          shall be documentation explaining how compliance with each condition was achieved.  
14          Copies of the letter, along with the corresponding documentation, shall be submitted to  
15          the Arizona Attorney General's Office. With respect to the Project, the requirement for  
16          the compliance certification letter shall expire on the date the Project is placed into  
17          operation. Notification of such filing with Docket Control shall be made to the Board of  
18          Supervisors for Maricopa County, all parties to this Docket, and all parties who made a  
19          limited appearance in this Docket.

20          19. APS shall provide a copy of this Certificate to the Board of Supervisors  
21          for Maricopa County and the City of Peoria.

22          20. Any transfer or assignment of this Certificate shall require the assignee or  
23          successor to assume, in writing, all responsibilities of APS listed in this Certificate and  
24          its conditions as required by A.R.S. § 40-360.08(A) and R14-3-213(F) of the Arizona  
25          Administrative Code.

26          21. In the event APS, its assignee, or successor seeks to modify the Certificate  
27          terms at the Commission, it shall provide copies of such request to the Board of  
28

1 Supervisors for Maricopa County, the City of Peoria, all parties to this Docket, and all  
2 parties who made a limited appearance in this Docket.

3 22. The Certificate Conditions shall be binding on APS, its successors,  
4 assignee(s), and transferees and any affiliates, agents, or lessees of APS who have a  
5 contractual relationship with APS concerning the construction, operation, maintenance,  
6 or reclamation of the Project. APS shall provide in any agreement(s) or lease(s)  
7 pertaining to the Project that the contracting parties and/or lessee(s) shall be responsible  
8 for compliance with the Conditions set forth herein, and APS's responsibilities with  
9 respect to compliance with such Conditions shall not cease or be abated by reason of the  
10 fact that APS is not in control of or responsible for operation and maintenance of the  
11 Project facilities.

12 23. APS shall provide the Commission Staff with copies of the  
13 interconnection agreement(s) it ultimately enters into with AES in connection with the  
14 AES ESP within thirty (30) days of execution of such agreement(s), with the summary  
15 thereof filed at Docket Control, prior to construction of such facilities.

16  
17 **FINDINGS OF FACT AND CONCLUSIONS OF LAW**

18 This Certificate incorporates the following Findings of Fact and Conclusions of  
19 Law:

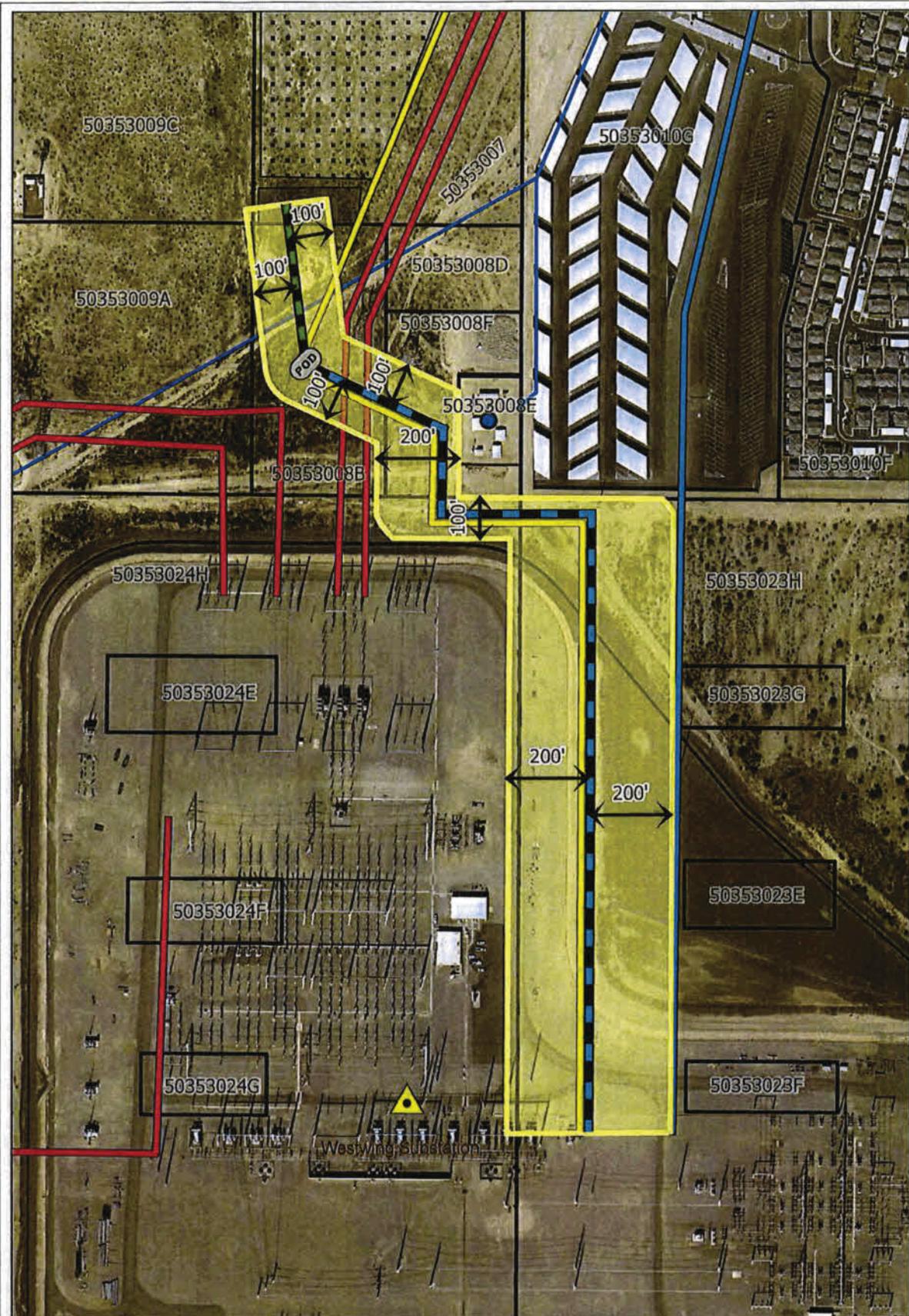
20 1. The Project aids the state and the southwest region of the United States in  
21 meeting the need for an adequate, economical, and reliable supply of renewable electric  
22 power.

23 2. The Project aids the state, preserving a safe and reliable electric  
24 transmission system.

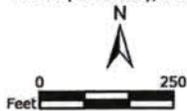
25 3. During the course of the hearing, the Committee considered evidence on  
26 the environmental compatibility on the Project as required by A.R.S. § 40-360, *et seq.*



# **EXHIBIT A**



**APS Westwing Interconnection Project**  
**Exhibit A**  
 Maricopa County, Arizona



**Project Features**

- Proposed CEC Corridor
- Parcels
- APS Proposed 230kV Transmission Line (CEC-1)
- Customer Proposed 230kV Transmission Interconnection (CEC-2)
- Customer Substation
- Customer Battery Electrical Storage Facility

**Existing Transmission Facilities**

- Substation
- 500kV Transmission Line
- 230kV Transmission Line
- 69kV Transmission Line

**Reference Features**

- Point of Demarcation (POD)
- Natural Gas Pump Station
- Natural Gas Pipeline

Basemap: Esri, DigitalGlobe, GeoEye, I-cubed, USDA FSA, USGS, AEX, Getmapping, Aergrid, IGN, IGP, swisstopo, and the GIS User Community Maricopa County, AZ

