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BEFORE THE ARIZONA CORPORATION COMMISSION

1
 2 LEA MÁRQUEZ PETERSON
 Chairwoman
 3 SANDRA D. KENNEDY
 Commissioner
 4 JUSTIN OLSON
 Commissioner
 5 ANNA TOVAR
 Commissioner
 6 JIM O'CONNOR
 Commissioner

Arizona Corporation Commission

DOCKETED

MAR 24 2022

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 8 IN THE MATTER OF THE APPLICATION
 9 OF ARIZONA PUBLIC SERVICE
 10 COMPANY AND SAN DIEGO GAS &
 11 ELECTRIC COMPANY FOR A
 12 CERTIFICATE OF ENVIRONMENTAL
 13 COMPATIBILITY, PURSUANT TO A.R.S.
 14 §40-360, ET SEQ., FOR A PROPOSED
 15 500KV TRANSMISSION LINE FROM THE
 PALO VERDE NUCLEAR GENERATING
 STATION SWITCHYARD (EXISTING) TO
 THE PROPOSED NORTH GILA 500 KV
 SUBSTATION NEAR YUMA, ARIZONA,
 AND WEST TO THE ARIZONA-
 CALIFORNIA BORDER

DOCKET NO. L-00000D-81-0443-00052

Decision No. 78512

ORDER

APS'S REQUEST PURSUANT TO ARIZONA REVISED STATUTES § 40-252 TO AMEND DECISION NO. 52428.

16
 17 Open Meeting
 March 15 and March 16, 2022
 18 Phoenix, Arizona

19 BY THE COMMISSION:

FINDINGS OF FACT

Background

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 22 1. On January 7, 2022, Arizona Public Service Company ("APS" or "Company")
 23 submitted a request pursuant, to Arizona Revised Statutes ("A.R.S.") § 40-252, to amend Decision
 24 No. 52428, issued by the Arizona Corporation Commission ("Commission") on September 3, 1981,
 25 ("Application"). Decision No.52428 approved CEC 52, that authorized APS and San Diego Gas &
 26 Electric ("SDG&E") to construct a 120-mile single circuit 500 kilovolt ("kV") transmission line
 27 from the Palo Verde Generating Station Switchyard to North Gila 500 kV substation near Yuma,
 28 Arizona and west to the Arizona-California border.

1 2. McFarland Solar is developing a 500 megawatt (“MW”) photovoltaic solar facility
2 and a 435 MW Battery Energy Storage System (“Solar Project”), that will be constructed in two
3 phases. The Solar Project is located south of the Hoodoo Wash-North Gila Line, near the Hoodoo
4 Wash Switchyard. McFarland Solar has requested to interconnect the Solar Project to the Hoodoo
5 Wash Switchyard.

6 3. APS has an obligation to provide interconnection services to McFarland Solar,
7 pursuant to the APS Open Access Transmission Tariff. For this reason, the Company, through the
8 present Application, requests that the Commission authorize APS to convert an existing single-
9 circuit 500 kV line, to a double-circuit 500 kV line, to permit the interconnection of the new Solar
10 Project into the Hoodoo Wash 500 kV Switchyard. The changes will require the construction of a
11 new 500 kV generation tie line single-circuit, approximately half a mile long. This new Gen-Tie
12 line, will be collocated with a portion of the existing Hoodoo Wash-North Gila line, creating a single
13 span of double-circuit 500 kV lines. Two new tubular structures will replace the two existing lattice
14 structures and will be placed in the existing right-of-way of the Hoodoo Wash-North Gila Line.

15 4. APS performed interconnection studies to analyze the reliability impacts of
16 interconnecting the Solar Project at the Hoodoo Wash Switchyard. These studies established
17 sufficient capacity to interconnect the Solar Project and showed no adverse impacts to the
18 transmission system.

19 5. The Company believes, that considering that the proposed changes create no impacts
20 to the environment or the reliability of the transmission system, there is no need for an evidentiary
21 hearing, and this matter should be considered and approved by the Commission. APS also states
22 that the construction would need to start by March 2022, to allow the work to coincide with the
23 outage window schedules for the Hoodoo Wash-North Gila Line. Therefore, the Company requests
24 that the Application be considered and decided during the Commission’s February or March 2022
25 Open Meeting.

26 **Staff Analysis and Recommendations**

27 6. Given the proposed collocation of the new Gen-Tie line and the replacement of
28 existing lattice structure in the existing right-of-way of the Hoodoo Wash-North Gila Line, Staff

1 concludes that it is not necessary to refer APS’s request back to the Arizona Power Plant and
 2 Transmission Line Siting Committee for an additional evidentiary hearing. Therefore, Staff
 3 recommends the Commission approve APS’s request, pursuant to A.R.S. § 40-252, to amend
 4 Decision No. 52428 to convert an approximately 0.5-mile segment of the single -circuit 500 kV
 5 Hoodoo Wash-North Gila Line to a double-circuit 500 kV line to permit the interconnection of a
 6 new photovoltaic solar plus storage project into the Hoodoo Wash 500kV Switchyard.

7 CONCLUSIONS OF LAW

8 1. The Commission has jurisdiction over Arizona Public Service Company and the
 9 subject matter contained herein pursuant to Article XV of the Arizona Constitution and A.R.S. §§
 10 40-252 and 40-360 et seq.

11 2. Notice of this proceeding has been given in the manner provided by law.

12 3. The Commission, having reviewed and considered the motion to amend Decision No.
 13 52428 and the Staff Memorandum, concludes that it is in the public interest to amend the Certificate
 14 of Environmental Compatibility Case No. 52 authorizing the construction of a new single-circuit
 15 500 kV Gen-Tie Line, collocated with a portion of the existing Hoodoo Wash-North Gila Line,
 16 creating a single span of double-circuit 500 kV lines, to permit the interconnection of a new
 17 photovoltaic solar plus storage project into the Hoodoo Wash 500 kV Switchyard.

18 ORDER

19 IT IS THEREFORE ORDERED that Decision No. 52428 is hereby amended to include the
 20 construction of a new single-circuit 500kV Gen-Tie Line, collocated with a portion of the existing
 21 Hoodoo Wash-North Gila Line from the Certificate of Environmental Compatibility Case No. 52
 22 issued to Arizona Public Service Company. All conditions imposed on the project and Applicant in
 23 Decision No. 52428 hereby apply to the approved changes.

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1 IT IS FURTHER ORDERED that all other aspects of Decision No. 52428 shall remain in
2 effect.

3 IT IS FURTHER ORDERED that this Decision shall become effective immediately.

4
5 **BY THE ORDER OF THE ARIZONA CORPORATION COMMISSION**

6 *Lea Marquez Peterson*

7 CHAIRWOMAN MARQUEZ PETERSON

James W. Kennedy

8 COMMISSIONER KENNEDY

9 *Matthew Olson*

10 COMMISSIONER OLSON

Anna Tovar

11 COMMISSIONER TOVAR

James P. O'Connor

12 COMMISSIONER O'CONNOR

13 IN WITNESS WHEREOF, I, MATTHEW J. NEUBERT,
14 Executive Director of the Arizona Corporation Commission,
15 have hereunto, set my hand and caused the official seal of this
16 Commission to be affixed at the Capitol, in the City of
17 Phoenix, this 24 day of March, 2022.



Matthew J. Neubert

18 MATTHEW J. NEUBERT
19 EXECUTIVE DIRECTOR

20 DISSENT: _____

21 DISSENT: _____

22 EOA:TB:jn/AA
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1 Arizona Public Service
2 Docket No. L-00000D-81-0443-00052

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4 Department of Engineering
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6 Yuma, Arizona 85364

Welton-Mohawk Drainage District
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Wellton, Arizona 85356

6 North Gila Irrigation District
7 1405 West 16th Street
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Yuma Committee
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Yuma, Arizona 5364

8 Richard Files
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11 Yuma City Hall
12 One City Plaza
13 Yuma, Arizona 85364

Yuma County Users Association
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Somerton, Arizona 85350

13 Southern Pacific Company
14 C T Corporation System
15 Union Pacific Corporation Statutory Agent
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17 Lincoln, Nebraska 68516

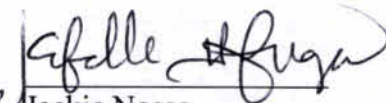
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Executive Assistant

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