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Arizona Corporation Commission

DOCKETED

OCT 01 2003

DOCKETED BY *nae*

Mr. Patrick Williams
Manager Compliance and Enforcement
Utilities Division
Arizona Corporation Commission
1200 West Washington Street
Phoenix, AZ 85007

L-00000H-98-0090

RE: Griffith Energy Project; Certificate of
Environmental Compatibility; Compliance Update

DEC # 61295

Dear Mr. Williams:

The following information is voluntarily provided by Griffith Energy LLC, in order to update the Arizona Corporation Commission (the "Commission") on the status of compliance of the Griffith Energy Project (the "Project") with the terms and conditions of the Certificate of Environmental Compatibility ("CEC") issued for the Project by the Arizona Power Plant and Transmission Line Siting Committee on November 18, 1998, and confirmed without modification by the Commission on December 16, 1998.

Reference is made to our letter of June 20, 2002. The Project continues to operate in accordance with the applicable permits referenced therein, and with the other general terms and conditions of the CEC applicable to ongoing operations.

The Project continues to be supplied water solely from the Mohave County well field system located southwest of the Project site and entirely south of the Kingman-Oatman Road and west of Interstate 40.

The Project's water usage and the County well field water table levels continue to be measured and monitored on a real-time basis by the County and the Project. In addition, the annual survey of the subsidence monitor continues to reflect the absence of any subsidence. The second annual report of that water and subsidence monitoring data was provided by the Project to ADWR on January 31, 2003.

Griffith Energy is pleased to provide this voluntary updating information, and would be happy to host a tour of the Project for you, the Commissioners, or staff at your convenience. Please feel free to contact me with any questions regarding the above information or the Project.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Patrick Themig". The signature is fluid and cursive, with a long, sweeping horizontal line extending from the end of the name.

Patrick Themig

Griffith Energy LLC

cc: Jay Moyes, Esq.
Darren Stephens – Duke Energy North America
Rex LaMew – Griffith Energy

Power Plants Proposed for Arizona Since 1998

Last Updated: 1/21/2003

1. Griffith Energy Project **L-00000H-98-0090**
Developer: Duke/PPL Energy/Griffith
Location: 8 miles south of Kingman
Size: 530 megawatts
Cost: \$275 million
Water: 3,060 Acre-feet/year groundwater may lower table 80 feet over useful life.
When: Construction began in October 1999. Began ramping up for full operation in late 2001.
Status: APPROVED - CEC granted (Decision #61295, 12/16/98)
Emissions: Declared an attainment area by ADEQ and the pollutants are below the level established for public health and safety.

2. Desert Basin **L-00000I-99-0091**
Developer: Reliant
Location: Casa Grande
Size: 500 megawatts
Cost: \$260 million
Water: Reclaimed wastewater and purchased water from a local plant with CAP allocation.
When: Construction began in winter 1999. Started delivering power in June 2001. Plant entered into a firm 10-year contract to deliver its full output of power to the Salt River Project (SRP).
Status: APPROVED - CEC granted (Decision #61852, 7/21/99)
Emissions: The predicted impacts on the air quality are below the Prevention of Significant Deterioration (PSD) significance threshold, and will be in compliance with ambient air quality standards.

3. West Phoenix **L-00000J-99-0092**
Developer: Pinnacle West/Calpine
Location: 43rd Avenue and Hadley Road
Size: 500 megawatts
Cost: \$220 million
Water: 3,300 acre-feet/year from existing wells; will recycle for discharge.
When: Phase 1 started up in summer 2001 and Phase 2 due for start up in late 2002.
Status: APPROVED - CEC granted (Decision #62321, 2/17/00). 120 MW went on line in May 2001.
Emissions: Will meet all applicable air emission requirements. However, an emission-offset plan will be necessary to keep emissions below the significance level.

4. Red Hawk L-00000J-99-0095
Developer: Pinnacle West
Location: 1 mile south of Palo Verde
Size: 2,120 megawatts
Cost: \$1 billion
Water: 13,300 acre-feet/year 90% recycled wastewater from Palo Verde-Will use less than 1,000 acre-feet/year of groundwater.
When: Under construction for projected startup of units 1 & 2 in 2003.
Status: APPROVED - CEC granted (Decision #62324, 2/23/00)
Emissions: Will meet all applicable air emission requirements. Systems include an air pollution control system.

5. Harquahala L-00000M-99-0096
Developer: PG&E Energy
Location: West of Wintersberg
Size: 1,040 megawatts
Cost: \$400 million
Water: 6,000 acre-feet/year. CAP surface water with groundwater backup (if 100% groundwater is used the water will draw down between 15 and 25 feet in 40 years).
When: Under construction with operations expected to begin in late 2003.
Status: APPROVED - CEC granted (Decision #62655, 6/13/00), amended in Decision #62996 on 11/3/00.
Emissions: The annual emissions would exceed the PSD threshold levels for NOX, CO, SO2 and particulate matter.

6. Arlington L-00000P-99-0098
Developer: Duke Energy
Location: 15 miles southwest of Buckeye
Size: 580 megawatts
Cost: \$250 million
Water: 4,500 acre-feet/year of groundwater.
When: Projected to begin operations in second half of 2002
Status: APPROVED - CEC Granted (Decision #62740, 7/25/00), amended in Decision #62995 on 11/3/00.
Emissions: Plant will use the lowest emitting fossil fuel fired technology available on a per-unit generating capacity basis.

- 7. Gila River** **L-00000Q-00-0099**
Developer: Panda Energy
Location: 3 miles northeast Gila Bend
Size: 2080 megawatts
Cost: \$500 million - \$ 1 billion
Water: 10,000 gallons/minute
When:
Status: APPROVED - CEC granted (Decision #62730, 6/30/00), amended in Decision #62970 on 10/26/00.
Emissions: Completing the PSD application. Preliminary modeling indicates that the project will meet or exceed all applicable air emission requirements.
- 8. South Point**
Developer: Calpine
Location: 28 miles south of Bullhead City
Size: 500 megawatts
Cost: \$275 million
Water:
When: Construction began November 1999. Became operational in June 2001.
Status: Plant is located on the Fort Mohave Indian Reservation. Did not need approval of Arizona Power Plant and Transmission Line Siting Committee or Arizona Corporation Commission because plant is being built on reservation.
- 9. Kyrene Expansion** **L-00000D-00-0104**
Developer: SRP
Location: 7005 South Kyrene Road in Tempe
Size: 250 megawatts
Cost:
Water: 1,600-Acre Feet per year. Uses SRP surface water or City of Tempe Effluent.
When: Early 2002
Status: APPROVED - CEC granted (Decision #62989, 11/1/00).
- 10. Santan** **L-00000B-00-0105**
Developer: SRP – Salt River Project
Location: 1005 South ValVista Drive in Gilbert
Size: 825 megawatts, using three combined cycle gas turbine engines and delivering power through existing local transmission lines
Cost: \$410-430 million.
Water: Anticipate using combination of surface water from Salt & Verde rivers from the Town of Gilbert, excess Colorado River water from the Town of Gilbert or another supplier or groundwater.
When: Construction proposed to begin December 2003, anticipated to be operational in 2005
Status: APPROVED - CEC granted (Decision #63611, 5/4/01). Approval was conditioned on the applicant meeting an extensive set of environmental restrictions. See April 30, 2001 press release at <http://www.cc.state.az.us/news/index.htm> for details.

11. Gila Bend L-00000V-00-0106
Developer: Power Development Enterprises/Industrial Power Technology
Location: 6 miles northwest Gila Bend
Size: 845 megawatts
Cost: \$400 million
Water: 5000 acre-feet/year
When: Construction to begin late 2001
Status: APPROVED - CEC granted (Decision #63552, 4/12/01). Commission added stringent pollution control standards. See press release dated April 4, 2001 at <http://www.cc.state.az.us/news/index.htm>

12. Big Sandy L-00000R-00-0100
Developer: Caithness Big Sandy LLC
Location: 4 miles southeast of Wikieup
Size: 720 megawatts, natural gas fired combined cycle turbines
Cost: \$425 million
Water: 3,200 acre-feet per year of groundwater
When: Construction for Phase I anticipated to begin July 2002
Status: CEC DENIED by Arizona Power Plant & Line Siting Committee in written decision dated September 13, 2001. Petition for review filed by applicant. ACC held public comment session and oral arguments in October. ACC DENIED Certificate in decision #64217 dated November 27, 2001. See press release at <http://www.cc.state.az.us/news/pr11-26-01.htm> for more details.

13. Mesquite Generating Station L-00000S-00-0101
Developer: Sempra Energy Resources
Location: Western Maricopa County, near Arlington
Size: 1,265 megawatts, natural gas fired combined cycle gas turbines
Cost: \$480 million
Water: Total water usage estimated to be 7,490 acre-feet per year. The property comes with agricultural water rights of approximately 15,000 acre-feet per year. Conversion of the agricultural water rights in accordance with ADWR policies results in a reduction to approximately 8,000 acre-feet per year of Type 1 industrial groundwater rights.
When: Construction expected to begin in the 2nd quarter of 2001, operational by 2003.
Status: APPROVED - CEC granted (Decision #63232, 12/5/00)

14. La Paz Generating Facility **L-00000A-01-0116**
Developer: Allegheny Energy Supply Company, LLC
Location: La Paz County, 75 miles west of Phoenix
Size: 1,080 megawatts, natural gas fired combined cycle gas turbines
Cost: \$540 million
Water:
When: To be built in two phases. First phase operational in late 2004.
Status: APPROVED - CEC granted (Decision #64718, 04/16/02)
Press release announcing these plans dated October 17, 2000. Application filed with Arizona Power Plant & Transmission Line Siting Committee.
Recommendation from Siting Committee filed at Commission on 1/30/02.
Commission approved with 41 conditions in 4/8/02 Open Meeting. For more information go to <http://www.cc.state.az.us/news/pr04-10-02.htm>

Allegheny Energy Supply, developer of the La Paz Generating Facility, announced July 8, 2002 that the firm would not be starting construction on the project. Citing market conditions and internal financial considerations, AES put the project on indefinite hold. The Certificate of Environmental Compatibility remains in effect and gives the firm five years from the April 16, 2002 CEC approval date to construct the project.

15. Toltec Power Station **L-00000Y-01-0112**
Developer: Southwestern Power Group II
Location: Near Eloy, south of Casa Grande
Size: 1,800 megawatts, natural gas fired combined cycle gas turbines
Cost: \$1 billion
Water:
When: To be constructed in phases. First phase scheduled for completion in 2003.
Status: Application filed with Arizona Power Plant & Transmission Line Siting Committee. Hearings before the Arizona Power Plant & Transmission Line Siting Committee started in May 2001. ACC held oral arguments, public comments and Special Open Meeting for a decision on the project in January 2002. ACC denied certificate on January 30, 2002. For more information, click on <http://www.cc.state.az.us/news/pr01-31-02.htm>.

16. Sundance Energy Project (Peaker) **L-00000W-00-0107**
Developer: PPL Global
Location: Private lands in Pinal County near Coolidge
Size: 600-megawatt natural gas fired simple cycle peaking facility
Cost:
Water: Estimated at 600 acre feet per year – surface water from the Central Arizona Project from an existing irrigation canal or a new groundwater well or combination of both.
When: Expects to have some units in operation for summer 2002.
Status: APPROVED - CEC granted with limits and conditions (Decision #63863, July 9, 2001)

17. Littlefield Power Project (fka Beaver Dam) NO APP YET
Developer: Williams Energy Group
Location: Northwest Arizona in Mohave County near Littlefield, AZ
Size: 500 megawatt combined cycle natural gas
Cost:
Water:
When: Plan to be operational by June 2003.
Status: Plans announced via press release in November 2000. No firm plans filed.

18. Maestros Group Nogales Project NO APP YET
Developer: Maestros Group
Location: Nogales, Arizona
Size: 500 megawatt natural gas fired plant
Cost: \$250 million plus transmission costs, total estimated at \$315 million
Water: Plans to use treated effluent, consumption estimated at 3 million gallons per day
When:
Status: Plans announced via press release in November 2000. No firm plans on file with Arizona Power Plant and Transmission Line Siting Committee.

19. Springerville Plant Expansion*

This plant has approvals for a 4-unit plant. Two 380 megawatt units already exist at Springerville. Unisource filed an application for review by the Commission in July 2001.

Developer: Unisource Energy, Salt River Agricultural Improvement District & Partners

Location: Springerville, AZ

Size: 2 new 380 megawatt coal-fired generators

Cost:

Water:

When: To be placed in service in 2004 and 2005

Status: Plans announced February 1, 2001. ACC held hearings on November 13 & 14 in Eager, AZ. Administrative Law Judge scheduled more hearings starting at 9:00 a.m. on November 28, 29 & 30 (last day if necessary) in Phoenix.

Commission met to discuss project in Open Meeting on October 29, 2002.

Commission approved expansion with conditions (Decision #65347 dated 11/01/02). Click on <http://www.cc.state.az.us/news/index.htm> to view the

October 31, 2002 news release summarizing the Commission decision.

20. Wellton-Mohawk Generating Facil. L-00000Z-01-0114

Developer: Wellton-Mohawk Irrigation & Drainage District, Yuma County Water Users' Assn., Dome Valley Energy Partners LLC

Location: East of Ligurta, AZ, a town east of Yuma

Size: 520 megawatts, natural gas fired combined cycle gas turbines

Cost: \$300 million

Water: Surface water from Colorado River

When: Expected to be in service in 2003.

Status: Application filed with Arizona Power Plant & Transmission Line Siting Committee. First hearing scheduled for August 10, 2001 at 10 a.m. at the Wellton Elementary School Gymnasium, 29126 East San Jose Avenue in Wellton. Application placed on hold pending additional information.

21. Arlington Expansion L-00000P-01-0117

Developer: Duke Energy Maricopa, LLC (See #6)

Location: At site of Arlington Valley Energy Facility, southeast of Buckeye

Size: 600 megawatts, natural gas fired combined cycle gas turbines

Cost:

Water: Groundwater

When:

Status: APPROVED - CEC granted with limits and conditions, including requirement to an "acre-foot for acre-foot" groundwater recharge commitment. (Decision #64357, January 15, 2002 was amended by Decision #64495, signed February 14, 2002, amended again by Decision #64717, signed April 12, 2002). Click on <http://www.cc.state.az.us/news/index.htm> for the January and February 2002 press releases on this project. Application filed with Arizona Power Plant & Transmission Line Siting Committee on July 13, 2001. Hearings before the Arizona Power Plant & Transmission Line Siting Committee took place in September and October.

22. **Bowie Power Station** **L-00000B-01-0118**
Developer: SouthWestern Power Group II, LLC
Location: Cochise County, legal description is Section 28 and portion of Section 29,
Township 12 South, Range 28 East
Size: 1,000 megawatts to be constructed in two 500 MW phases, natural gas fired
combined cycle gas turbines. Plant design incorporates solar technology to cool
the air flowing into the turbines (inlet cooling).
Cost: \$400 million or more
Water: 5,500 acre feet of groundwater per year
When: Unit 1 proposed to be in operation 2nd quarter 2004, Unit 2 in 4th quarter 2005
Status: APPROVED - CEC granted with limits and conditions, including requirement to
establish an earth fissure and ground subsidence monitoring program, pay for a
groundwater monitoring program and establish a mitigation fund in the event of
groundwater depletion at nearby wells. (Decision #64625 for the plant, signed
March 7, 2002 and Decision 64626 for the transmission line, also signed March
7, 2002.). Application filed with Arizona Power Plant & Transmission Line
Siting Committee on July 27, 2001.

PLEASE NOTE CHANGES TO THIS LIST

This list formerly included a proposed power project by AES/New Energy Arizona near Mobile, AZ called the Montezuma Energy Project. It is listed as project number 15 on previous versions of this list. The company has canceled plans for this project and, therefore, the listing was removed on August 3, 2001.

Signal Peak, a proposed 1,160-megawatt plant proposed for land adjacent to Reliant's Desert Basin plant in Casa Grande, was taken off this list in February 2002. Reliant, the project developer, announced in February that the company has opted to defer the project until market conditions rebound. Should the project be "live" again, it will go back on this list at that time.

Power Plants Approved Since 1998 (Developer Name in Parentheses)

Griffith Energy Project (Duke)
Desert Basin (Reliant)
West Phoenix (Pinnacle West/Calpine)
Red Hawk (Pinnacle West)
Harquahala (PG&E)
Arlington (Duke)
Gila River (Panda Energy)
Kyrene Expansion of Existing SRP Plant
Santan Expansion of Existing SRP Plant
Gila Bend (Power Development Enterprises/Industrial Power Technology)
Mesquite Generating Station (Sempra Energy Resources)
Arlington Expansion (Duke)
Bowie Power Station (SouthWestern Power Group II)
La Paz Generating Station (Allegheny Energy Supply)
Springerville Plant Expansion (Unisource Energy) Units 3 & 4

Peaking Power Plants Approved Since 1998

Sundance Energy Project (PPL Global)

Power Plants Denied by ACC Since 1998

Big Sandy Power Project (Caithness Big Sandy) denied November 27, 2001
Toltec Power Project (SouthWestern Power Group II) denied January 30, 2002

Still at Siting Committee

Wellton-Mohawk Generating Facility (W-M Irrigation District, Yuma County
Water Users' Association, Dome Valley Energy Partners)

Rumored to be in Planning Stages but No Application Filed Yet

Littlefield Power Project, formerly known as Beaver Dam (Williams Energy
Group)
Maestros Group Nogales Project (Maestros Group)

None of the Above Categories Apply

The South Point Power Project by Calpine (construction began in 1999) did not
require approval of Arizona Power Plant & Transmission Line Siting Committee
or Arizona Corporation Commission because the plant was constructed on Indian
Reservation Land

Of the above, the following plants are operational:

West Phoenix Phase I, 120 megawatts
Desert Basin, 520 megawatts
Griffith Energy Project, 650 megawatts
South Point, 540 megawatts
Sundance Energy, 450 megawatts
Arlington Valley Unit 1, 580 megawatts
Red Hawk Units 1 & 2, 1,160 megawatts
Kyrene Generating Station, 250 megawatts

Of the above plants that are not yet operational, the following are under construction:

West Phoenix Phase II, 500 megawatts
Mesquite Power Plant, 1,265 megawatts
Harquahala, 1,040 megawatts
Panda Gila River, Units 1 - 4
Santan Expansion

Note changes to this list: Previous versions of this list showed a project called Signal Peak under the "Rumored to be in planning stages" category. Reliant, the project developer, announced in February 2002 that the company has opted to defer the project until market conditions rebound. Should the project be "live" again, it will go back on this list at that time.

Allegheny Energy Supply, developer of the La Paz Generating Facility, announced July 8, 2002 that the firm would not be starting construction on the project. Citing market conditions and internal financial considerations, AES put the project on indefinite hold. The Certificate of Environmental Compatibility remains in effect and gives the firm five years from the April 16, 2002 CEC approval date to construct the project.

LIST OF LINE SITING APPLICATIONS
Filed under A.R.S. 40-360

Dockets that are pending ACC approval are in **BLUE**, otherwise the word "Approved" is in **BLUE** for quick reference. Denied will be in **RED**.

Docket No. L-00000I-99-0091

Filed: 04/26/99

P
Application for Certificate of Environmental Compatibility for the
Reliant Energy Desert Basin Project

Submitted by: Reliant Energy Desert Basin L.L.C.

43rd Avenue and Hadley Street

560 MW CC Unit

Approved: July 21, 1999 Docket No. 61852

Commercial Generation Date:

Docket No. L-00000I-00-0417

Complaint against Reliant Energy Desert Basin

Submitted by: City of Casa Grande

Motion to Re-Open Decision No. 61852

Docket No. L-00000J-99-0092 -

Filed: October 4, 1999

P
Application for Certificate of Environmental Compatibility for the
West Phoenix Power Plant Expansion Plant

Submitted by: Pinnacle West Energy Corporation

43rd Avenue Plant

2 CC Units: CC4 - 120 MW CC5 - 530 MW

APS Share: 500 Mw Calpine Corporation is a Partner in Unit 5

Approved: February 17, 2000 Decision No. 62321

Commercial Generation Date: June 1, 2001

Docket No. L-00000K-99-0093

Filed: October 8, 1999

L
Application for a Certificate of Environmental Compatibility for the
Greenlee AEPSCO to Greenlee TEP 345 KV Transmission Re-Route

Submitted by: Arizona Electric Power Cooperative, A Touchstone Energy Partner

Replacement for older, existing system

Approved: February 17, 2000 Decision No. 62322

Docket No. L-00000I-99-0094

Filed: October 14, 1999

L
Application for a Certificate of Environmental Compatibility for the
230 KV Transmission Line-Connection to Grid

Desert Basin Generating Facility (Project)

Submitted by: Reliant Energy Desert Basin, LLC

Line to be build by Reliant - to be owned and operated by APS

Approved: April 3, 2000 Decision No. 62426

Line Siting Applications
Page 2

Docket No. L-00000J-99-0095

Filed: October 20, 1999

P Application for a Certificate of Environmental Compatibility Power
Red Hawk Power Plant and Transmission Line

Submitted by: Pinnacle West Energy Corporation

2120 Mw combined total output (4 CC units – 530 MW each)

Includes associated intra-plant transmission lines, switch yard and related facilities

Approved: February 23, 2000 Decision No. 62324

Commercial Generation Date:

Docket No. L-00000M-99-0096

Filed: November 24, 1999

P Application for a Certificate of Environmental Compatibility
Power Plant and Transmission Line

Harquahala Generation Project

Submitted by: Harquahala Generating Company, L.L.C

1040 Mw CC Unit -

22 mile 500 kV line will be a separate undertaking – will link to new sub station being developed by SRP.

Approved: June 13, 2000 Decision No. 62655

Amended Order: Approved: November 3, 2000 Decision No. 62996

Commercial Generation Date:

Docket No. L-00000N-99-0097

Filed: December 3, 1999

L Application for a Certificate of Environmental Compatibility
Morenci Water & Electric

Submitted by: Morenci Water & Electric – D.L. True

345 kV TEP to Copper Verde Transmssion

345/230/24.9kV substation & expanding the TEP Greenlee Substation

Approved: April 14, 2000 Decision No. 62459

Docket No. L-00000P-99-0098

Filed: December 30, 1999

P Application for a Certificate of Environmental Compatibility
Arlington Valley Energy Project

Submitted by: Duke Energy Maricopa L.L.C.

580 MW CC Unit Merchant Plant

Includes approximately 2.4 miles of new 525 kV transmission line.

Approved: July 25, 2000 Decision No. 62740

Amended Order: Approved: November 3, 2000 Decision No. 62995

Commercial Generation Date:

Line Siting Applications
Page 3

Docket No. L-00000Q-00-0099

Filed: January 20, 2000

Application for a Certificate of Environmental Compatibility

Panda Gila River Project

Submitted by: Panda Gila River L.P. – Jeffery Schroeter P.E. VP.

2080 MW combined output (4 CC Units nominally rated at approx. 520 MW)

Includes switchyard and related facilities.

Approved: June 30, 2000 Decision No. 62730

Amended Order: Approved: October 26, 2000 Decision No. 62970

Commercial Generation Date:

Docket No. L-00000R-00-0100

Filed: March 29, 2000

Application for a Certificate of Environmental Compatibility

Big Sandy Energy Project

Submitted by: Caithness Big Sandy, L.L.C.

720 MW CC Unit and ancillary facilities

Building adjacent to APA 500 kV line – no new transmission

Denied: September 13, 2001

Docket No. L-00000S-00-0101

Filed: April 14, 2000

Application for a Certificate of Environmental Compatibility

Mesquite Generating Plant

Submitted by: Mesquite Power (Subsidiary of Sempra Energy Resources)

1,000 MW CC Unit

Developed, owned and operated

Approved: December 5, 2000 Decision No. 63232

Commercial Generation Date:

Docket No. L-00000D-00-0102

Filed: May 4, 2000

Application for a Certificate of Environmental Compatibility

Gila River Transmission Project

Submitted by: Arizona Public Service Company

(2) 500 kV transmission lines, 230 kV inter-connection in Maricopa County

500 kV lines originate @ Panda Gila Generation Station and terminate @ proposed switchyard

Will provide transmission inter-connection to WSCC transmission grid for Panda Gila River

L.P. generating station.

Approved: October 16, 2000 Decision No. 62960

Line Siting Applications

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Docket No. L-00000U-00-0103

Filed: May 5, 2000

L Application for a Certificate of Environmental Compatibility

Navajo Transmission Project

Submitted by: Dine Power Authority (A Navajo Nation Enterprise)

500 kV (AC) Transmission line

Between existing Shiprock Substation and the planned Marketplace Substation near Boulder City, NV.

Approved: November 30, 2000 Decision No. 63197

Docket No. L-00000B-00-0104

Filed: June 14, 2000

P Application for a Certificate of Environmental Compatibility

SRP Kyrene Expansion Project

Submitted by: Salt River Project

250 MW (one-on-one) CC Unit

Expanding Kyrene Generating Station, no additional transmission required.

Approved: November 1, 2000 Decision No. 62989

Commercial Generation Date:

Docket No. L-00000B-00-0105

Filed: July 14, 2000

P Application for a Certificate of Environmental Compatibility

SRP Santan Expansion Project

Submitted by: Salt River Project

825 MW Combined output (3 CC Units)

Expanding SanTan Generating Station, no additional transmission required.

Supplement Filed: September 6, 2000

For broader public information and clarification on SRPs intended connection to the transmission system.

Approved: May 01, 2001 Decision No. 63611

Commercial Generation Date:

Docket No. L-00000V-00-0106

Filed: September 7, 2000

P Application for a Certificate of Environmental Compatibility

Gila Bend Power Project

Submitted by: Gila Bend Power Partners L.L.C. [aka Power Development Enterprises, Inc. (PDEI)]

845 MW CC Plant – Includes switchyard and related facilities

No transmission required.

Supplement Filed: December 1, 2000

Contains information requested by the Committee in its Nov. 15, 2000 hearing.

Approved: April 12, 2001 Decision No. 63552

Commercial Generation Date:

Line Siting Applications
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Docket No. L-00000W-00-0107

Filed: October 12, 2000

P Application for a Certificate of Environmental Compatibility
Sundance Energy Project

Submitted by: Sundance Energy, L.L.C

600 MW Simple Cycle Plant – Includes facility and Infrastructure

Transmission provided by WAPA

Approved: July 9, 2001 Decision No. 63863

Commercial Generation Date:

Docket No. L-00000J-00-0590

Filed: August 10, 2000

P Complaint, or in the Alternative, Request for Rehearing Regarding
West Phoenix Power Plant Expansion Case No. 0092

Submitted by: The Phoenix Building Trades and Don't Waste Arizona, Inc.

Notice of Settlement and Request for Dismissal of Action by Phoenix Building Trades, Inc & Don't Waste
AZ, Inc. Filed: 02/20/01

Approved: Procedural Order for Administrative Closure 03/08/01

Docket No. L-00000D-00-0108

Filed:

L Application for a Certificate of Environmental Compatibility

500 kV Transmission Line

Originate @ Redhawk Switchyard, Interconnect with proposed Hassayampa 500 kV Switchyard

Submitted by: Arizona Public Service Company

Approved: February 21, 2001 Decision No. 63392

Docket No. L-00000V-01-0109

Filed: January 23, 2001

L Application for a Certificate of Environmental Compatibility

500 kV Transmission Line and Associated Switchyard

Originate @ 9-mile Line Originate @ proposed GBPP, terminate @ proposed Watermelon Switchyard

Submitted by: Gila Bend Power Partners, L. L. C.

Approved Decision No. 64356 1/15/02, Decision has been contested.

Docket No. L-00000B-01-0110

Filed: February 9, 2001

L Application for a Certificate of Environmental Compatibility

Hassayampa Switchyard Project/Extension of the Palo Verde Nuclear Generating Station Switchyard

500 kV Switchyard and new interconnections with the Palo Verde-Kyrene, Palo Verde No. 2, and the North

Gila 500kV transmission lines

Submitted by: Salt River Project

Owners of Hassayampa Switchyard: PVNGS Participants – Percentage based ownership

Approved: June 6, 2001 Decision No. 63752

Line Siting Applications

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Docket No. L-00000C-01-0111/L-00000F-01-0111

Filed: March 1, 2001

Application for a Certificate of Environmental Compatibility

345/115 kV Interconnection from TEP's "South Substation" in Sahuarity, AZ to Citizens' "Valencia Substation in Nogales, Arizona

Submitted by: Tucson Electric Power Company and Citizens Communications Company

Approved: January 15, 2002 Decision No. 64356 (Decision has been contested)

Docket No. L-00000Y-01-0112

Filed: March 2, 2001

Application for a Certificate of Environmental Compatibility

2,000 Megawatt Natural Gas-fired, Combined-cycle power plant, switchyard & related facilities

Pinal County, Arizona

Submitted by: Toltec Power Station LLC

Denied Decision No. 64446 02/06/02

Commercial Generation Date:

Docket No. L-00000Y-01-0113

Filed: April 16, 2001

Application for a Certificate of Environmental Compatibility

Toltec Transmission Line Project

Pinal County, Arizona

500kV Transmission Line and 345kV Transmission Line

Originate At proposed Toltec Power Station Switchyard

500kV line to terminate @ switchyard associated with Saguaro Power Plant

345kV double-circuit lines to terminate at existing TEP Westwing-South Transmission Line

Submitted by: Toltec Power Station LLC

Denied Decision No. 64445 02/06/02

Docket No. L-00000Z-01-0114

Filed: June 7, 2001

Application for a Certificate of Environmental Compatibility

Wellton-Mohawk Generating Facility (*)

Unincorporated area of Yuma County, Arizona

Either a two-on-two or a two-one-one design, utilizing

Two (2) CTG's, or, One or Two STG's and supporting equipment

Plant is designed for baseload @ 520 MW, with peaking capacity @ 620 MW

Submitted by: Wellton-Mohawk Irrigation and Drainage District

Yuma County Water User's Association

Dome Valley Energy Partners LLC

Approved:

Commercial Generation Date:

P
(*) I have counted this as approved. It is being heard today, and is expected to be approved.

Line Siting Applications

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Docket No. L-00000D-01-0115/L00000B-01-0115

Filed June 13, 2001

Application for a Certificate of Environmental Compatibility

Southwest Valley 500kV Transmission Line Project

Unincorporated area of Maricopa County, Arizona

Originating from either Palo Verde Switchyard Section 15, Township 1 South,

Range 6 West, G&SRB&M, each located south of I-10 near Wintersburg Road

500kV Transmission Line

Submitted by APS and SRP

Approved: Decision No. 64473 02/12/02

Docket No. L-00000AA-01-0116

Filed July 3, 2001

Application for a Certificate of Environmental Compatibility

La Paz Generating Facility

1,080 MW Generating Unit and Associated Transmission Line & Switchyards

La Paz County

Submitted by: Allegheny Energy Supply Co.

Approved: Decision No 64718 04/16/02

Commercial Generation Date:

Docket No. L-00000P-01-0117

Filed: July 13, 2001

Arlington Valley Energy Facility II Project

600 MW GT/ST CC Merchant Plant

Maricopa County

Submitted by: Duke Energy Arlington Valley L. L.C. (Name change 09/25/01)

Formally: Duke Energy Maricopa, L.L.C.

Approved: Decision No. 64357 01/15/02, Decision No. 64495 02/14/02 Amends Decision 64357

Commercial Generation Date:

Docket No. L-00000BB-01-0118

Filed: July 27, 2001

Bowie Power Station Project

Request for 2 CECs

1) 1,000 MW CC Power Plant (Construction to be in two 500 MW phases), and 345/230kV Switchyard and a 230kV transmission interconnection with existing AEP CO Red Tail Candados 230kV line (final stage of development)

Cochise County, AZ

2) 14.3 Miles of transmission from power plant site into Graham County, AZ, to interconnect with Tucson Electric Power Company's existing Greenlee-Vail and Springerville-Vale 345 kV at a point located near U.S. Highway 191.

Submitted by: Bowie Power Station, LLC, Affiliate of Southwestern Power Group II, LLC

Approved: Decision No. 64625 03/01/02 Approves Power Plant,

Decision No. 64626 03/07/02 Approves Transmission

Commercial Generation Date:

Line Siting Applications
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Docket No. L-00000C-77-0030
L-00000C-86-0074

Filed: July 18, 2001

Springerville Generating Station, Unit 4
350 mW coal-fired electric plant

Original CEC approved: Unit 3 Decision No. 48313 09/26/77 Unit 4 Decision No. 55477 03/18/87

Reopened by Grand Canyon Trust due to date of approval to date to build.

Approved:

Docket No. L-00000V-02-0119

Filed: August 1, 2002

Gila Bend Power Partners, L.L.C.

Hassayampa to Jojoba 500kV Transmission Line Project

Submitted by: Gila Bend Power Partners, LLC

Docket No. L-00000D-02-0120

Filed: September 23, 2002

Arizona Public Service Company

North Valley 230kV Facility Siting Project

Submitted by Arizona Public Service Company

Docket No. S/W L-00000CC-03-0121

Docket No. TEP L-00000C-03-0121

Filed: January 3, 2003

Southwest Transmission Cooperative, Inc and
Tucson Electric Power

Winchester Interconnect Project – upgrade of an existing Transmission line to 230 kV, construction of a switchyard/substation and construction of a 1.2-mile 345 kV link to crossing point with TEP's existing 345 kV Transmission line in the Johnny Lyon Hills, Cochise County, AZ

Submitted by Southwest Transmission Cooperative & TEP

• L ~ not yet approved.

LIST OF LINE SITING APPLICATIONS

Filed under A.R.S. 40-360

Dockets that are pending ACC approval are in BLUE, otherwise the word "Approved" is in BLUE for quick reference. Denied will be in RED.

Docket No. L-00000I-99-0091

Filed: 04/26/99

Application for Certificate of Environmental Compatibility for the Reliant Energy Desert Basin Project

Submitted by: Reliant Energy Desert Basin L.L.C.

43rd Avenue and Hadley Street

560 MW CC Unit

Approved: July 21, 1999 Docket No. 61852

Commercial Generation Date:

Docket No. L-00000I-00-0417

Complaint against Reliant Energy Desert Basin

Submitted by: City of Casa Grande

Motion to Re-Open Decision No. 61852

Docket No. L-00000J-99-0092

Filed: October 4, 1999

Application for Certificate of Environmental Compatibility for the West Phoenix Power Plant Expansion Plant

Submitted by: Pinnacle West Energy Corporation

43rd Avenue Plant

2 CC Units: CC4 – 120 MW CC5 – 530 MW

APS Share: 500 Mw Calpine Corporation is a Partner in Unit 5

Approved: February 17, 2000 Decision No. 62321

Commercial Generation Date: June 1, 2001

Docket No. L-00000K-99-0093

Filed: October 8, 1999

Application for a Certificate of Environmental Compatibility for the Greenlee AEPSCO to Greenlee TEP 345 KV Transmission Re-Route

Submitted by: Arizona Electric Power Cooperative, A Touchstone Energy Partner

Replacement for older, existing system

Approved: February 17, 2000 Decision No. 62322

Docket No. L-00000I-99-0094

Filed: October 14, 1999

Application for a Certificate of Environmental Compatibility for the 230 KV Transmission Line-Connection to Grid

Desert Basin Generating Facility (Project)

Submitted by: Reliant Energy Desert Basin, LLC

Line to be build by Reliant – to be owned and operated by APS

Approved: April 3, 2000 Decision No. 62426

Line Siting Applications
Page 2

Docket No. L-00000J-99-0095

Filed: October 20, 1999

Application for a Certificate of Environmental Compatibility Power
Red Hawk Power Plant and Transmission Line

Submitted by: Pinnacle West Energy Corporation

2120 Mw combined total output (4 CC units – 530 MW each)

Includes associated intra-plant transmission lines, switch yard and related facilities

Approved: February 23, 2000 Decision No. 62324

Commercial Generation Date:

Docket No. L-00000M-99-0096

Filed: November 24, 1999

Application for a Certificate of Environmental Compatibility
Power Plant and Transmission Line

Harquahala Generation Project

Submitted by: Harquahala Generating Company, L.L.C

1040 Mw CC Unit -

22 mile 500 kV line will be a separate undertaking – will link to new sub station being developed by SRP.

Approved: June 13, 2000 Decision No. 62655

Amended Order: Approved: November 3, 2000 Decision No. 62996

Commercial Generation Date:

Docket No. L-00000N-99-0097

Filed: December 3, 1999

Application for a Certificate of Environmental Compatibility
Morenci Water & Electric

Submitted by: Morenci Water & Electric – D.L. True

345 kV TEP to Copper Verde Transmssion

345/230/24.9kV substation & expanding the TEP Greenlee Substation

Approved: April 14, 2000 Decision No. 62459

Docket No. L-00000P-99-0098

Filed: December 30, 1999

Application for a Certificate of Environmental Compatibility
Arlington Valley Energy Project

Submitted by: Duke Energy Maricopa L.L.C.

580 MW CC Unit Merchant Plant

Includes approximately 2.4 miles of new 525 kV transmission line.

Approved: July 25, 2000 Decision No. 62740

Amended Order: Approved: November 3, 2000 Decision No. 62995

Commercial Generation Date:

Line Siting Applications
Page 3

Docket No. L-00000Q-00-0099

Filed: January 20, 2000

Application for a Certificate of Environmental Compatibility

Panda Gila River Project

Submitted by: Panda Gila River L.P. – Jeffery Schroeter P.E. VP.

2080 MW combined output (4 CC Units nominally rated at approx. 520 MW)

Includes switchyard and related facilities.

Approved: June 30, 2000 Decision No. 62730

Amended Order: Approved: October 26, 2000 Decision No. 62970

Commercial Generation Date:

Docket No. L-00000R-00-0100

Filed: March 29, 2000

Application for a Certificate of Environmental Compatibility

Big Sandy Energy Project

Submitted by: Caithness Big Sandy, L.L.C.

720 MW CC Unit and ancillary facilities

Building adjacent to APA 500 kV line – no new transmission

Denied: September 13, 2001

Docket No. L-00000S-00-0101

Filed: April 14, 2000

Application for a Certificate of Environmental Compatibility

Mesquite Generating Plant

Submitted by: Mesquite Power (Subsidiary of Sempra Energy Resources)

1,000 MW CC Unit

Developed, owned and operated

Approved: December 5, 2000 Decision No. 63232

Commercial Generation Date:

Docket No. L-00000D-00-0102

Filed: May 4, 2000

Application for a Certificate of Environmental Compatibility

Gila River Transmission Project

Submitted by: Arizona Public Service Company

(2) 500 kV transmission lines, 230 kV inter-connection in Maricopa County

500 kV lines originate @ Panda Gila Generation Station and terminate @ proposed switchyard

Will provide transmission inter-connection to WSCC transmission grid for Panda Gila River

L.P. generating station.

Approved: October 16, 2000 Decision No. 62960

Line Siting Applications

Page 4

Docket No. L-00000U-00-0103

Filed: May 5, 2000

Application for a Certificate of Environmental Compatibility

Navajo Transmission Project

Submitted by: Dine Power Authority (A Navajo Nation Enterprise)

500 kV (AC) Transmission line

Between existing Shiprock Substation and the planned Marketplace Substation near Boulder City, NV.

Approved: November 30, 2000 Decision No. 63197

Docket No. L-00000B-00-0104

Filed: June 14, 2000

Application for a Certificate of Environmental Compatibility

SRP Kyrene Expansion Project

Submitted by: Salt River Project

250 MW (one-on-one) CC Unit

Expanding Kyrene Generating Station, no additional transmission required.

Approved: November 1, 2000 Decision No. 62989

Commercial Generation Date:

Docket No. L-00000B-00-0105

Filed: July 14, 2000

Application for a Certificate of Environmental Compatibility

SRP Santan Expansion Project

Submitted by: Salt River Project

825 MW Combined output (3 CC Units)

Expanding SanTan Generating Station, no additional transmission required.

Supplement Filed: September 6, 2000

For broader public information and clarification on SRPs intended connection to the transmission system.

Approved: May 01, 2001 Decision No. 63611

Commercial Generation Date:

Docket No. L-00000V-00-0106

Filed: September 7, 2000

Application for a Certificate of Environmental Compatibility

Gila Bend Power Project

Submitted by: Gila Bend Power Partners L.L.C. [aka Power Development Enterprises, Inc. (PDEI)]

845 MW CC Plant – Includes switchyard and related facilities

No transmission required.

Supplement Filed: December 1, 2000

Contains information requested by the Committee in its Nov. 15, 2000 hearing.

Approved: April 12, 2001 Decision No. 63552

Commercial Generation Date:

Line Siting Applications
Page 5

Docket No. L-00000W-00-0107

Filed: October 12, 2000
Application for a Certificate of Environmental Compatibility
Sundance Energy Project
Submitted by: Sundance Energy, L.L.C
600 MW Simple Cycle Plant – Includes facility and Infrastructure
Transmission provided by WAPA
Approved: July 9, 2001 Decision No. 63863
Commercial Generation Date:

Docket No. L-00000J-00-0590

Filed: August 10, 2000
Complaint, or in the Alternative, Request for Rehearing Regarding
West Phoenix Power Plant Expansion Case No. 0092
Submitted by: The Phoenix Building Trades and Don't Waste Arizona, Inc.
Notice of Settlement and Request for Dismissal of Action by Phoenix Building Trades, Inc & Don't Waste
AZ, Inc. Filed: 02/20/01
Approved: Procedural Order for Administrative Closure 03/08/01

Docket No. L-00000D-00-0108

Filed:
Application for a Certificate of Environmental Compatibility
500 kV Transmission Line
Originate @ Redhawk Switchyard, Interconnect with proposed Hassayampa 500 kV Switchyard
Submitted by: Arizona Public Service Company
Approved: February 21, 2001 Decision No. 63392

Docket No. L-00000V-01-0109

Filed: January 23, 2001
Application for a Certificate of Environmental Compatibility
500 kV Transmission Line and Associated Switchyard
Originate @ 9-mile Line Originate @ proposed GBPP, terminate @ proposed Watermelon Switchyard
Submitted by: Gila Bend Power Partners, L. L. C.
Approved Decision No. 64356 1/15/02, Decision has been contested.

Docket No. L-00000B-01-0110

Filed: February 9, 2001
Application for a Certificate of Environmental Compatibility
Hassayampa Switchyard Project/Extension of the Palo Verde Nuclear Generating Station Switchyard
500 kV Switchyard and new interconnections with the Palo Verde-Kyrene, Palo Verde No. 2, and the North
Gila 500kV transmission lines
Submitted by: Salt River Project
Owners of Hassayampa Switchyard: PVNGS Participants – Percentage based ownership
Approved: June 6, 2001 Decision No. 63752

Line Siting Applications
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Docket No. L-00000C-01-0111/L-00000F-01-0111

Filed: March 1, 2001

Application for a Certificate of Environmental Compatibility

345/115 kV Interconnection from TEP's "South Substation" in Sahuarity, AZ to Citizens' "Valencia Substation in Nogales, Arizona

Submitted by: Tucson Electric Power Company and Citizens Communications Company

Approved: January 15, 2002 Decision No. 64356 (Decision has been contested)

Docket No. L-00000Y-01-0112

Filed: March 2, 2001

Application for a Certificate of Environmental Compatibility

2,000 Megawatt Natural Gas-fired, Combined-cycle power plant, switchyard & related facilities

Pinal County, Arizona

Submitted by: Toltec Power Station LLC

Denied Decision No. 64446 02/06/02

Commercial Generation Date:

Docket No. L-00000Y-01-0113

Filed: April 16, 2001

Application for a Certificate of Environmental Compatibility

Toltec Transmission Line Project

Pinal County, Arizona

500kV Transmission Line and 345kV Transmission Line

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345kV double-circuit lines to terminate at existing TEP Westwing-South Transmission Line

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Unincorporated area of Yuma County, Arizona

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Plant is designed for baseload @ 520 MW, with peaking capacity @ 620 MW

Submitted by: Wellton-Mohawk Irrigation and Drainage District

Yuma County Water User's Association

Dome Valley Energy Partners LLC

Approved:

Commercial Generation Date:

Line Siting Applications

Page 7

Docket No. L-00000D-01-0115/L00000B-01-0115

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Southwest Valley 500kV Transmission Line Project

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Range 6 West, G&SRB&M, each located south of I-10 near Wintersburg Road

500kV Transmission Line

Submitted by APS and SRP

Approved: Decision No. 64473 02/12/02

Docket No. L-00000AA-01-0116

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Application for a Certificate of Environmental Compatibility

La Paz Generating Facility

1,080 MW Generating Unit and Associated Transmission Line & Switchyards

La Paz County

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Commercial Generation Date:

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Arlington Valley Energy Facility II Project

600 MW GT/ST CC Merchant Plant

Maricopa County

Submitted by: Duke Energy Arlington Valley L. L.C. (Name change 09/25/01)

Formally: Duke Energy Maricopa, L.L.C.

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Commercial Generation Date:

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Filed: July 27, 2001

Bowie Power Station Project

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Cochise County, AZ

2) 14.3 Miles of transmission from power plant site into Graham County, AZ, to interconnect with Tucson Electric Power Company's existing Greenlee-Vail and Springerville-Vale 345 kV at a point located near U.S. Highway 191.

Submitted by: Bowie Power Station, LLC, Affiliate of Southwestern Power Group II, LLC

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Commercial Generation Date:

Line Siting Applications
Page 8

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L-00000C-86-0074

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Springerville Generating Station, Unit 4
350 mW coal-fired electric plant
Original CEC approved: Unit 3 Decision No. 48313 09/26/77 Unit 4 Decision No. 55477 03/18/87
Reopened by Grand Canyon Trust due to date of approval to date to build.
Approved:

Docket No. L-00000V-02-0119

Filed: August 1, 2002
Gila Bend Power Partners, L.L.C.
Hassayampa to Jojoba 500kV Transmission Line Project
Submitted by: Gila Bend Power Partners, LLC

Docket No. L-00000D-02-0120

Filed: September 23, 2002
Arizona Public Service Company
North Valley 230kV Facility Siting Project
Submitted by Arizona Public Service Company

Docket No. S/W L-00000CC-03-0121

Docket No. TEP L-00000C-03-0121

Filed: January 3, 2003
Southwest Transmission Cooperative, Inc and
Tucson Electric Power
Winchester Interconnect Project – upgrade of an existing Transmission line to 230 kV, construction of a switchyard/substation and construction of a 1.2-mile 345 kV link to crossing point with TEP's existing 345 kV Transmission line in the Johnny Lyon Hills, Cochise County, AZ
Submitted by Southwest Transmission Cooperative & TEP