

APPENDIX A
ADEQ APPLICATION FORMS

Appendix A

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ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
Air Quality Division
1110 West Washington • Phoenix, AZ 85007 • Phone: (602) 771-2338

STANDARD PERMIT APPLICATION FORM

(As required by A.R.S. § 49-426, and Chapter 2, Article 3, Arizona Administrative Code)

1. Permit to be issued to: (Business license name of organization that is to receive permit)
Bowie Power Station, LLC
2. Mailing Address: **3610 N. 44th Street, Suite 250**
City: **Phoenix** State: **Arizona** ZIP: **85018**
3. Name (or names) of Owners/Principals: **Tom C. Wray**
Phone: **(602) 808-2004** Fax: **(602) 808-2099** Email:
4. Plant/Site Manager/Contact Person and Title: **Gary Crane, Ph.D., Manager, Environmental Affairs**
Phone: **(602) 808-2004** Fax: **(602) 808-2099** Email: **gcrane@southwesternpower.com**
5. Plant Site Name: **Bowie Power Station Project**
Plant Site Location/Address: **Section 28, T12S, R28E, Gila and Salt River Base and Meridian**
City: **Bowie** County: **Cochise** ZIP: **85605**
Indian Reservation (if applicable, which one):
Latitude/Longitude, Elevation:
6. Equipment Purpose: **Generate Electricity**
7. Type of Organization:
☐ Corporation ☐ Individual Owner ☐ Partnership ☐ Government Entity)
☒ Other **Limited Liability Corporation**
8. Permit Application Basis: ☒ New Source ☐ Revision ☐ Renewal of Existing Permit
For renewal or modification, include existing permit number (and exp. date):
Date of Commencement of Construction or Modification: **Mid-2014**
Standard Industrial Classification Code: **4911** State Permit Class: **1**

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by ADEQ as public record. I also attest that I am in compliance with the applicable requirements of the Permit and will continue to comply with such requirements and any future requirements that become effective during the life of the Permit. I will present a certification of compliance to ADEQ no less than annually and more frequently if specified by ADEQ. I further state that I will assume responsibility for the construction, modification, or operation of the source in accordance with Arizona Administrative Code, Title 18, Chapter 2 and any permit issued thereof.

9. Signature of Responsible Official of Organization: 
10. Printed Name of Signer/Official Title: **Tom C. Wray, Project Manager**
Date: **9-20-2013** Telephone Number: **(602) 808-2004**

EQUIPMENT LIST

The following table should include all equipment utilized at the facility and be completed with all data requested. Be sure to notate the units (tons/hour, horsepower, etc.) when recording the Maximum Rated Capacity information. Be sure to notate the Serial Number and/or the Equipment ID Number. The date of manufacture must be included in order to determine if portions of the facility are NSPS applicable. Make additional copies of this form if necessary.

Type of Equipment	Maximum Rated Capacity	Make	Model	Serial Number	Date of Manufacture	Equipment ID Number
Natural Gas-Fired Combined Cycle Combustion Turbine (1)	1735 MMBtu/hr (HHV)	General Electric	Frame 7FA Model 4	TBD	TBD	CTG1
Natural Gas-Fired Combined Cycle Combustion Turbine (2)	1735 MMBtu/hr (HHV)	General Electric	Frame 7FA Model 4	TBD	TBD	CTG2
Heat Recovery Steam Generator with Duct Burner (1)	420 MMBtu/hr	TBD	TBD	TBD	TBD	HRSG1
Heat Recovery Steam Generator with Duct Burner (2)	420 MMBtu/hr	TBD	TBD	TBD	TBD	HRSG2
Selective Catalytic Reduction System (1)	Not Applicable	TBD	TBD	TBD	TBD	SCR1
Selective Catalytic Reduction System (2)	Not Applicable	TBD	TBD	TBD	TBD	SCR2
Oxidation Catalyst (1)	Not Applicable	TBD	TBD	TBD	TBD	OC1
Oxidation Catalyst (2)	Not Applicable	TBD	TBD	TBD	TBD	OC2
Natural Gas-Fired Auxiliary Boiler	50 MMBtu/hr	Rentech	50 MMBtu/hr Unit	TBD	TBD	AB1
Diesel-Fired Emergency Fire Pump	260 hp	Cummins	CFP9WE-F10	TBD	TBD	EFP1
Mechanical Draft Cooling Tower equipped with Drift Eliminators	127,860 gal/min	Marley	Custom	TBD	TBD	CT1
Evaporation Ponds	131 gal/min	Custom	Custom	TBD	TBD	EVP
Circuit Breaker (5)	Contain 360 lbs SF ₆ each	TBD	TBD	TBD	TBD	CB1 – CB5