

**CERTIFICATION APPLICATION REPORT FOR
FOUR 10.5MW SIMPLE CYCLE TURBINES AT
DREWS SUBSTATION**

PREPARED FOR:

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FOR SUBMITTAL TO:

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INTRODUCTION

Alliance Colton LLC is submitting permit applications to the California Energy Commission (CEC) for two peaking power generation facilities to be constructed in the City of Colton, California. The projects were originally developed in response to the California Independent System Operator (ISO) Summer 2000 Request for Bids for new peaking capacity to serve the State of California. However, as a result of the financial crisis of major California utilities, the projects are now being implemented to fulfill the obligations of a Power Purchase Agreement with the California Department of Water Resources, the primary agency now responsible for purchasing electricity for the citizens of California.

Since the electrical output of the facilities is only 40 MW, these projects would not normally be subject to the extensive review procedures of the normal CEC siting process. The only reason Alliance Colton LLC is submitting a permit to the CEC is to take advantage of the emergency 21-day siting process in order to accelerate project implementation to be able to provide new electrical generating capacity in time for this summer's peak demand period.

Each project is a distributed generation facility that consists of four, 10-MW gas turbine generators located within existing City of Colton electrical substations. The units are almost entirely prepackaged at the factory and shipped to the facility site on skids where minimal field construction is required. Much of the construction complexity associated with larger electrical generating facilities is eliminated by the use of packaged equipment. As a result, several of the topics covered by the CEC siting process may not be applicable to the nature of these distributed generation projects. However, we have provided as much detail as possible in our responses.

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SECTION 1.0

PROJECT DESCRIPTION

1.1 Owner/Operator

The Drews substation project is one of two projects proposed by Alliance Colton, LLC (Alliance) in the City of Colton. The property is owned by the City of Colton and has been leased to Alliance for the purpose of generating electricity. Owner and operator information is summarized in Table 1-1. The CEC application checklist, self-certification and draft permit conditions for the proposed project are included in Attachments A, B and C respectively.

**Table 1-1
Property Owner and Project Owner / Operator**

Property Owner	Equipment Owner and Operator
City of Colton	Alliance Colton, LLC.
Mr. Tom Clark, Director of Utilities	Mr. Brian O'Neill, Vice President
650 North La Cadena Drive	13934 Eberle Road
Colton, California 92324	Bakersfield, California 93313
(909) 370-5105	(661) 836-9873

1.2 Overview of Power Plant and Linear Facilities

Alliance is constructing two distributed generation facilities to meet the obligations of a 10-year Power Purchase Agreement (PPA) with the California Department of Water Resources (CDWR). The project was initially pursued under a *Summer Reliability Agreement* with the California Independent System Operator Corporation (ISO). However, due to the recent financial crisis affecting California utilities, and hence the ISO, CDWR has assumed the lead role in securing additional electrical energy to meet California's needs. To meet CDWR's requirements, Alliance will provide approximately 80 megawatts (MW) of new, permanently-installed capacity at two separate facilities within the City of Colton, California. Alliance proposes to have all of the new generation capacity operational by August 1, 2001, and will supply electricity to the citizens of California through the PPA with CDWR for the next 10 summer periods beginning in 2001.

Four, ten megawatt generators will be installed at Drews substation and will interconnect to the 12kV distribution switchgear via two new 12.47kV circuit breakers. Alliance proposes to use General Electric model 10B1 simple cycle gas turbines rated at 10.5 MW. The turbines will burn pipeline natural gas that will be transported through Southern California Gas Company (SoCal Gas) lines.

The power generating facility is to be located at an existing power substation that is owned by the City of Colton Utilities Department and will utilize existing electrical linear facilities. Undeveloped land and industrial property surround the facility. Selection of this site for power development allows existing linear facilities to be utilized.

1.3 Structure Dimensions

Existing structures located at the site are limited to transformers and transmission towers. Each of the four proposed turbines requires a space of approximately 35 ft. x 75 ft. The turbines are approximately 22 ft. high with an exhaust stack elevation of 45 ft.

1.4 Site Renderings

Attachment D contains maps showing facility locations, orthophotographic views of the site and plan and profile drawings.

1.5 Maximum Foundation Depth and Cut / Fill Quantities

Foundation designs will be a combination of slab on grade and piers. The maximum foundation depth is expected to be 14' below finished grade.

1.6 Conformance with California Building Code

The structural steel, foundations, switchgear, electrical control enclosures, transformer, gas compression equipment, exhaust silencers and turbines are designed for California Building Code seismic zone 4.

1.7 Proposed Operation

The proposed generation will interconnect with existing facilities at Colton's Drews substation. A one-line diagram illustrating these connections, and the interconnection with SCE's transmission system are included in Attachment D.

Annual operating schedules will be determined, in part, by emission levels of the turbines and local air quality regulations. During the first year of operation, operating hours will be limited due to the use of dry low NO_x combustion technology. Annual operating hours will increase once Xonon or suitable selective catalytic reduction (SCR) systems are installed during the year 2002 operating period to provide additional NO_x and CO emission reduction. Once all emission control systems are installed, potential annual operating hours are expected to be 2,100 hours, based upon a NO_x emission concentration of 5 ppmv, but may increase to as much as 4,000 hours depending upon actual emission rates achieved with Xonon. Final determinations of potential annual operating hours and potential emissions will be made upon the demonstration of controlled emission rates in the year 2002. Additional information regarding the relationship

between local air quality compliance programs and potential operating hours is contained in Section 5.0 of this report.

1.8 Expected on-line Date

Alliance is committed to bring the proposed facility on-line by July 1, 2001.

1.9 Proposed Duration of Operation

Alliance will operate under a 10-year contract with CDWR. However, Alliance has secured a 15-year site lease from the City of Colton with an option for an additional 10 years. Therefore, the proposed duration of operation is between 10 and 25 years.

1.10 Transmission Interconnection Facilities

SCE will perform a System Impact Study in association with this project. This study will determine the project's impacts on the larger transmission network in the Colton area and will consider voltage, load flow, and short-circuit impacts. System improvements required to interconnect this project will be the responsibility of Alliance. However, since the interconnection facilities already exist, the only anticipated modifications are minor adjustments to relay settings.

1.11 Transmission Interconnection Application

The Colton electric system connects to SCE at the Colton Substation at 66kV. A one-line diagram illustrating this interconnection is provided in Attachment D. The SCE interconnection application is included in Attachment E.

1.12 Downstream Transmission Facilities

No changes to SCE downstream transmission facilities are required for implementation of this project.

1.13 Fuel Interconnection Facilities

SoCal Gas will provide natural gas fuel interconnections, including meter. Gas line extensions will be designed, permitted, and constructed by SoCal Gas, and therefore, SoCal Gas shall be responsible for all impacts associated with the construction of the gas lines. At the Drews substation, the gas line extension shall be placed within the access road to the substation, which has been fully mitigated under a previous project for impacts to the Delhi sand flower-loving fly.

1.14 Fuel Interconnection Application

A fuel interconnection application for the gas line extension to the site was submitted to SoCal Gas in December 2000. A copy is included in Attachment E. SoCal Gas is in the process of developing final routing and cost estimates for the line extension.

1.15 Water Requirements and Treatment

The proposed simple-cycle turbines will utilize dry low-NO_x or catalytic combustion technology that does not utilize water to control emissions. Potable water is required for the evaporative coolers on the turbine air intake. An initial analysis indicated that the water as delivered was acceptable for the evaporative coolers. Therefore, no water treatment is needed at the site.

1.16 Water Interconnection facilities

Alliance has contacted the West San Bernardino County Water District regarding providing water to the Drews substation. The water district has verbally agreed to extend a water line to the site. The tap will be made on Pepper, near the railroad tracks. The alignment for the line extension is being determined and the agreement for service will be finalized upon route selection.

1.17 Source and Quality of Water Supply

Potable water from the West San Bernardino County Water District is currently available near the site at Pepper Avenue and will be available for the generation project.

1.18 Water Supply Agreement

The West San Bernardino County Water District has agreed to provide a tap from the existing water line on-site to serve the generation project. The alignment for the line extension is being determined and the agreement for service will be finalized upon route selection.

SECTION 2.0

SITE DESCRIPTION

2.1 Site Address

The proposed facility is located at 559 South Pepper Avenue in the City of Colton and the County of San Bernardino.

2.2 Parcel Number

The San Bernardino County Assessors Parcel Number for the facility is 025808114.

2.3 Surrounding Property Owners

Attachment F contains the names and addresses of people or entities owning property within 500 feet of the proposed facility. Magnetic files containing the same information are stored on a disc located in the front sleeve of the cover to this report.

2.4 Existing Site Use

For the past 5 years the site has been used as an electricity substation owned by the City of Colton.

2.5 Existing Site Characteristics

The existing substation is paved graded and surrounded by a 10-ft high block wall. The site is serviced by an access road running parallel to the utility easements and Pepper Avenue.

2.6 Layout of Site

Attachment D contains a facility plot plan.

2.7 Zoning and General Plan Designations

The Drews substation is currently zoned for electrical infrastructure, including power generation. The area surrounding the facility is zoned for industrial use.

2.8 Ownership of Site

The site is owned by the City of Colton Department of Utilities. The project contact at the City of Colton is Mr. Nitin Modi, Electrical Engineering manager. Mr. Modi can be reached at (909) 370-5177.

2.9 Site Control

The lease agreement between the City of Colton and Alliance is contained in Attachment G.

2.10 Equipment Laydown Area

Most of the equipment and material to be installed as part of this project is prepackaged at remote locations and requires little field assembly. Turbines, generators, and accessory equipment will be delivered directly onto the pad and will not be stored. Therefore, the required laydown area will be minimal and can be accommodated within the Drews substation site.

SECTION 3.0

CONSTRUCTION DESCRIPTION

3.1 Construction Schedule

Construction is to be completed and the facilities energized by the 1st of July 2001. Attachment H contains a bar chart schedule that shows a breakdown of project activities.

3.2 Workforce Requirements

The construction phase of the project is not expected to exceed 6 months. At the peak of construction, the on-site workforce is expected to reach a maximum of 20 workers and supervisors. Average workforce for the duration of the project is expected to be approximately 12 workers.

SECTION 4.0

POWER PURCHASE CONTRACT

4.1 Status of Negotiations and Expected Signing Date

ISO and Alliance signed Summer Reliability Agreement on October 10, 2000. Since that time, Alliance has also signed a Term Sheet with the CDWR for a 10-year PPA. The final contract is being negotiated and should be signed prior to the end of March. As part of the PPA negotiations, the obligations specified in the initial ISO agreement will be assigned to the CDWR contract.

SECTION 5.0

AIR EMISSIONS

5.1 Nearest Monitoring Station

The facility is located approximately 8 miles southeast of the SCAQMD monitoring station located in San Bernardino and approximately 9 miles southwest of the monitoring station in Fontana.

5.2 Self Certification Air Permit Checklist

A complete self-certification air permit checklist is included in Attachment B.

5.3 Air Permit Application

The proposed facility will be operated as a SCAQMD RECLAIM facility. Attachment I contains a copy of the application for permit to construct that was submitted to SCAQMD on March 7, 2001.

Alliance requires delayed implementation of BACT because it has been unable to secure emission control technology for delivery during the peak 2001 operating season. The unavailability of traditional control technology such as SCR is the result of restricted project financing as well as high market demand and long equipment procurement / manufacturing cycles. At the time Alliance secured adequate financial support in early 2001, catalyst vendors were specifying nine-month delivery schedules for SCR systems.

Alliance proposes to install Catalytica Xonon combustion technology to reduce NO_x and CO emissions. Catalytica and General Electric anticipate that Xonon will provide superior emission reductions relative to SCR at lower costs and without the risk of ammonia slip and incidents that is inherent with SCR systems. Because Xonon is part of the combustion process, it prevents NO_x formation rather than having to convert NO_x after it is formed. As an integrated part of the turbine, it presents minimal risk of breakdown and failure, relative to post-combustion emission control technologies.

The proposed facility will be constructed and then operated in two phases. The first phase of operations will commence by July 1, 2001 and will include operation using dry low-NO_x technology capable of reaching 25 ppmv NO_x. The second phase will commence upon installation of the Xonon technology or SCR to reduce NO_x and CO emissions to meet or exceed BACT for prime power simple cycle units. General Electric has committed to provide Alliance with its final delivery schedule of Xonon retrofit packages for the turbines by September 30, 2001. General Electric and Alliance anticipate initiating Xonon installation in July of 2002, and GE has contractually committed to having all installations complete by no later than February 1,

2003.

In its application to SCAQMD and in this application to CEC, Alliance proposes to monitor NO_x emissions using a continuous emissions monitoring system (CEMs) and will quantify emissions pursuant to SCAQMD Regulation XX protocol for RECLAIM facilities. Rather than operating under annual fuel throughput or operating limits, Alliance proposes to limit NO_x emissions to ten tons per year. Compliance with the annual limit will be based upon RECLAIM monitoring protocol. Similarly, PM₁₀ emissions and CO emissions will be limited to four tons per year and 28 tons per year, respectively, to avoid emission offset requirements. Emission rates will be determined based upon start-up source tests. If required by CEC and SCAQMD, annual operating hour limits will then be determined based upon source test results and the selected annual limits for CO and PM₁₀.

In both the SCAQMD application and the CEC application, any reference to lower heating value (LHV) is based on 948 Btu/ cf. References to higher heating value (HHV) are based upon 1050 Btu/cf.

5.4 Status of Air Permit Application With Air District

Applications for permits to construct the turbines were submitted to SCAQMD on March 7, 2001. Alliance has requested that SCAQMD expedite processing to complement the CEC 21-day emergency siting process. SCAQMD is reviewing the application to make a completeness determination and is beginning to prepare an outline of the permit. Alliance and SCAQMD are also finalizing annual operating conditions for the first operating year.

5.5 Status of Offsets and/or Mitigation fees, as Required

The project will trigger emission offsets for NO_x and is required to deliver offsets for the first year of operation prior to issuance of the permit to operate. NO_x offsets must be provided on a 1:1 ratio and are not subject to distance adjustments. Alliance is requesting that emission offset assistance be provided through the CARB emergency emission offset bank. Any additional offsets will be in the form of RECLAIM trading credits and will be secured through the private market.

SECTION 6.0

NOISE

6.1 Local Noise Requirements

The City of Colton has an ordinance requiring that the noise generated by the completed facility not exceed 65dBA at the property line, at a height of 6 ft above grade.

6.2 Nearest Sensitive Receptor

The Drews facility is not located near any sensitive receptors. The nearest sensitive receptor is located approximately one mile north of the facility near a local golf course.

6.3 Project Noise Level At Nearest Property Line

Attachment J includes a noise isopleth for the facility to be constructed at the Drews substation. The noise level at the property line is projected to be 75 dBA. This level exceeds the requirements of the City noise ordinance and a variance from the ordinance will be pursued. A meeting with the Colton Planning Department was held to discuss this request and no major objections were raised.

The area surrounding the Drews substation is currently undeveloped and bordered by a utility easement along the east side. The Drews facility is not located near any sensitive receptors and the nearest structure is in excess of a mile from the project site. Noise levels drop below 65 dBA within 200 feet from the property boundary.

Interestingly, as shown by the second isopleth in Attachment J, the use of enhanced exhaust silencers (60 dBA versus 80 dBA) and a higher wall (20 foot rather than 10 foot) does not significantly reduce noise levels at the property boundary. Given the remote nature of the site and lack of sensitive receptors, it is likely that the variance request will be granted.

6.4 Proposed Mitigation If Required

Each turbine package is equipped with sound deadeners to reduce the radiated noise from the package. Exhaust silencers are used to reduce the noise levels of the exhaust systems. A 10-foot high acoustical wall exists and will reduce noise levels at the property line nearest to other development.

SECTION 7.0

HAZARDOUS MATERIALS

7.1 Type and Volume of Hazardous Materials On-Site

The only potential hazardous materials (to be determined upon supply bid) that will be routinely used on-site during operation of the facilities are lubrication oil used within the turbines and transformer oil in the new transformer at the Drews site. Each turbine holds approximately 850 gallons of lube oil. The oil is not intended to be replaced, so no waste oil will be generated. However, periodic additions of lubricating oil are needed to replace minor losses during operation. Operations personnel will make periodic additions from a drum located in the back of a truck and stored off-site.

During construction, the only additional hazardous materials that may be on-site include gasoline and diesel contained in construction vehicle fuel tanks. Fuel storage will not be permitted in the equipment laydown area.

7.2 Storage Facilities and Containment

Oil containment will be installed around each turbine package to contain any spills caused by catastrophic failures of the equipment.

SECTION 8

BIOLOGICAL RESOURCES

Alliance Power contacted ENSR, the environmental consulting firm that had done previous environmental assessments for the City of Colton, regarding this site. ENSR's responses are included in the sections below.

8.1 Legally Protected Species and Their Habitat on Site, Adjacent to Site and Along Right of Way for Linear Facilities

Based on the proposed project design, previous environmental documents prepared for the project area (e.g., EA/IS - Colton STORS Project 1998; HCP, EA, and IS – Colton Transmission Line and Substation Project 1995), and knowledge of the project site and vicinity, no impacts to legally protected species and their habitat are anticipated to occur as a result of the proposed Drews substation project. Excerpts from these documents are included in Attachment K.

Delhi Sand flower-loving fly (DSF) habitat and potential habitat for the Los Angeles pocket mouse are located adjacent to the Drews substation and the proposed natural gas and water pipeline ROWs. However, no direct or indirect impacts to the DSF and Los Angeles pocket mouse and associated habitat are anticipated since construction activities will be limited to paved or dirt/gravel roads. In addition, construction activities are scheduled for completion before the active breeding period of the DSF (July to September).

8.2 Designated Critical Habitat on Site or Adjacent to Site

No wetlands, vernal pools, riparian habitat, or preserves will be impacted by the proposed project since the installation of the turbines and construction of the natural gas and water supply pipelines will occur in previously disturbed areas, primarily paved and dirt/gravel roads. As noted above, DSF habitat and their associated active breeding season will be avoided.

8.3 Proposed Mitigation As Required

Based on the results of the air quality modeling performed by SCEC, projected impacts (concentration of NO₂, PM₁₀ and CO) are within SCAQMD significance levels established to protect both human health and the environment. In addition, SCEC performed a risk assessment to evaluate potential cancer, chronic and acute health risks. The results indicate that the proposed project meets SCAQMD standards. Based on this information, no adverse impacts to the environment are anticipated as a result of the projected turbine emissions.

All construction activities will be monitored to ensure that construction activities are restricted to the previously disturbed construction ROW. Construction employees and site visitors will be advised of sensitive habitat concerns and will be prohibited from accessing undisturbed land.

SECTION 9.0

LAND USE

9.1 Local Land Use Restrictions

The proposed facilities are consistent with the existing designated local land use restrictions for industrial facilities and with consideration for surrounding habitat.

9.2 Use of Adjacent Parcels

Attachment D includes maps and diagrams showing adjacent land use. The facility is surrounded by DSF protected habitat and bordered on the east by California Portland Cement Co.

9.3 Ownership of Adjacent Parcels

Attachment F includes a list of adjacent property owners for the site. No expansion of electrical linears is proposed. A water line extension to the substation will likely be installed in an existing utility easement adjacent to Pepper Avenue. The gas line extension to the site will either cross under a utility easement or follow existing roads adjacent to the Drews substation.

9.4 Demographics of Census Tract Where Project is Located

A population profile for census tract 0040 is included as Attachment F.

SECTION 10.0
PUBLIC SERVICES

10.1 Ability To Serve Letter From Fire District

Attachment J includes an ability to serve letter from the City of Colton Fire Marshall.

10.2 Nearest Fire Station

The nearest fire station is located approximately 1.5 miles from the facility at the intersection of La Cadena Drive and Fogg Street.

SECTION 11.0

TRAFFIC AND TRANSPORTATION

11.1 Level of Service (LOS) Measurements on Surrounding Roads – A.M. and P.M. Peaks

Level of Service measurements for Pepper Avenue and I-10 are included as Attachment M. Construction and operation of the facility will not result in significant traffic impacts.

11.2 Traffic Control Plan for Roads During Construction

The Drews substation is located in a lightly traveled industrial area with little other development in the immediate area. As described in Section 3, all work will be performed within the boundaries of the substation by a maximum workforce of 20 workers. Major equipment deliveries will consist of approximately 20 tractor-trailer shipments over the 2 to 3 month construction period. As a result, major transportation impacts are not anticipated and a formal Traffic Control Plan for work within the substation has not been prepared. Alliance will prepare and submit a plan if required by CEC.

As described in the following section, the only major linear facility construction will be the natural gas line extension to the Drews substation. SoCal Gas will perform this work, and traffic control will be provided according to their standard procedures.

11.3 Traffic Impact of Linear Facility Construction

The Drews substation is located in a lightly traveled industrial area with little other development in the immediate area. The gas extension to the Drews substation will either be across open land from the east or down the access road to the substation. Therefore, there will be minimal impact to normal traffic patterns resulting from the gas line extension.

The water line extension to the Drews substation will likely be adjacent to an existing electrical duct bank within an easement on the west side of Pepper Avenue. While final alignment has yet to be selected, the line will likely originate at an existing water hydrant south of the railroad tracks near the intersection with Pepper Avenue. The water line (1" or 2" in diameter) will run south to E. Slover Avenue, across Slover Avenue via open trenching, and connect with an existing water line (currently not in use) in the access road to the Drews substation. There will be no impact to normal traffic in the area except during the crossing of Slover Avenue.

11.4 Equipment Transport Route

Equipment shall be delivered to the site via over the road trucking from the point of manufacture/customs.

The turbines and generators will enter the country from the Port of Los Angeles, and will travel via interstate highway I-110 north, then I-10 east to Colton. At the Pepper Street exit, the trucks will travel less than one mile south on Pepper Street to the project site.

The balance of the major equipment (exhaust silencers, gas compressors, switchgear, control enclosure) will enter the state via I-10 traveling west to Colton. At the Pepper Street exit, the trucks will travel less than one mile south on Pepper Street to the project site.

The equipment to be shipped is not oversized, and will require no special permits for transport over the interstate highway system. No significant traffic impacts are anticipated with equipment shipment to the Drews substation.

11.5 Parking Requirements

Parking for the Drews facility during construction will be within the substation boundaries or within the drive aprons to the site. Construction staff will be advised of sensitive habitat concerns and will be prohibited from approaching undisturbed areas.

SECTION 12.0

SOILS AND WATER RESOURCES

12.1 Wastewater Volume, Quality, Treatment

Wastewater will not be generated at the facility during normal operations. Wastewater from periodic turbine cleaning operations (compressor washes) will be collected and removed from the site for disposal at appropriate facilities.

12.2 Status of Permits for Wastewater Discharge or Draft Permit (WDR/NPDES)

Not applicable

12.3 Draft Erosion Prevention and Sedimentation Control Plan or Mitigation Strategy

The project is being constructed at an existing City of Colton substation. All construction and operation at the Drews substation will be entirely within a previously developed area. Construction will require minimal excavation for foundation installation and natural gas line installation. As part of the site work, the Contractor is required to prepare a plan to prevent erosion and runoff from the site through approved mitigation measures (e.g., silt fences, hay bales).

12.4 Spill Prevention/Water Quality Protection Plans

Adequate spill containment will be provided for the turbine packages and transformer to prevent oil spills in the event of catastrophic equipment failure. Contractor is preparing a Spill Prevention and Water Quality Protection Plan for construction activities.

SECTION 13.0

CULTURAL RESOURCES

13.1 Identification of known historic/prehistoric sites

Construction activities under this project will occur on previously disturbed electrical substation property owned by the City of Colton. The site has undergone significant construction activities, and prior site reviews have not revealed any known historic or prehistoric sites.

13.2 Proposed mitigation if required

Cultural resources are not present onsite that require mitigation. If any resources are discovered during excavation, the appropriate agencies will be contacted to ensure the resources will not be harmed.

13.3 Notification of Native Americans

Construction activities under this project will occur on previously disturbed electrical substation property owned by the City of Colton. The site has undergone significant construction activities, and prior site reviews have not revealed any known Native American resources or historic sites. Notification will be unnecessary.

SECTION 14.0

PALEONTOLOGICAL RESOURCES

14.1 Identification of Known Paleontologic Sites

Construction activities under this project will occur on previously disturbed electrical substation property owned by the City of Colton. The site has undergone significant construction activities, and prior site reviews have not revealed any known paleontological resources.

14.2 Proposed Mitigation if Required

No mitigation is expected, as no paleontological resources are known to be onsite. If any paleontological resources are discovered during excavation, the appropriate agencies will be contacted to ensure the resources will not be harmed.

SECTION 15.0

VISUAL RESOURCES

15.1 Plan For Landscaping and Screening to Meet Local Requirements

The facility will be within existing City of Colton substation/electric infrastructure property. No new landscaping or screening is anticipated or proposed.

15.2 Full Size Color Photo of the Site and Rendering of Proposed Facility With Any Proposed Visual Mitigation if Available

Facility renderings are not available at this time. Facility plans are included in Attachment D.

SECTION 16.0

TRANSMISSION SYSTEM ENGINEERING

16.1 Conformance With Title 8, High Voltage Electrical Safety Orders, CPUC General Order 95 (Or NESC), CPUC Rule 21, PTO Interconnection Requirements, and National Electric Code

All construction and installation work shall be performed in conformance with the latest editions of the “Green Book” or the Standard Specifications for Public Works construction, as written and promulgated by the Joint Cooperative Committee of the Southern California Chapter of the American Public Works Association, the National Electrical Code, (NEC applicable to 600V class and below only) the National Electrical Safety Code, and CPUC General Orders 95 and 128. The electrical design of the new facilities will be in accordance with the latest version of the applicable industry codes and standards including applicable standards of the American National Standards Institute, the American Society of Mechanical Engineers, and the Institute of Electrical and Electronics Engineers. Applicable federal, state, and local codes and standards will also be observed.

The phasing will be based on Colton’s standard connection of A phase – H1, X1; C phase – H2, X2; B phase – H3, X3, and the low voltage lags by 30 degrees on the 66/12kV transformer. Phase rotation is A-C-B, with Colton’s A phase connected to generator terminal T1, B phase connected to T2, and C phase connected to T3. Physical bus arrangements will match the existing facilities N-S and E-W.

ATTACHMENT A

EMERGENCY SITING APPLICATION PROCESS APPLICATION CHECKLIST

ATTACHMENT B

**AIR QUALITY SELF CERTIFICATION CHECKLIST
FOR SIMPLE CYCLE GAS TURBINE GENERATION UNITS**

ATTACHMENT C

**AIR QUALITY APPLICATION FOR SIMPLE-CYCLE
GAS TURBINE GENERATION UNITS**

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LOCATION MAPS AND SITE DIAGRAMS

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ADJACENT PROPERTY OWNERS / LAND USE

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SITE LEASE AGREEMENT

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CONSTRUCTION SCHEDULE

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SCAQMD PERMIT APPLICATION

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NOISE ISOPLETHS

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BIOLOGICAL RESOURCES

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FIRE DEPARTMENT SERVE LETTER

ATTACHMENT M

TRAFFIC AND TRANSPORTATION DOCUMENTS