

Surface Treatment Plan

674 - Ocotillo Express LLC

Ocotillo, CA

For submittal to:
BLM / Imperial County

Prepared by:

April 2012

Date: 5-1-12

Name(s): BLM, Imperial County

RE: Statement of Conformance with MM VR-3 – Surface Treatment Plan

Blattner Energy, Inc. (BEI) is knowledgeable of requirements listed in the Visual Resource Mitigation Measure VR-3. BEI, on behalf of Ocotillo Express LLC, is hereby providing the County of Imperial and Bureau of Land Management (BLM) that we will implement the following Mitigation Measure (MM) for all permanent exterior lighting and temporary construction lighting.

MM No. VR-3 Reduce visual contrast associated with substation and ancillary facilities.

The project applicant shall submit to the appropriate land use jurisdiction agency a Surface Treatment Plan describing the application of colors and textures to all new facility structure buildings, walls, fences, and components comprising all ancillary facilities including substations. The Surface Treatment Plan must reduce glare and minimize visual intrusion and contrast by blending the facilities with the landscape. The Surface Treatment Plan shall be submitted to the appropriate land use jurisdiction agency for approval at least 90 days prior to either: (a) ordering the first structures that are to be color treated during manufacture; or (b) construction of any of the ancillary facility components, whichever comes first. If the appropriate land use jurisdiction agency notifies the project applicant that revisions to the Plan are needed before the Plan can be approved, within 30 days of receiving that notification, the project applicant shall prepare and submit for review and approval a revised Surface Treatment Plan. The Surface Treatment Plan shall include:

- Specification and 11" × 17" color simulations at life-size scale of the treatment proposed for use on project structures, including structures treated during manufacture
- A list of each major project structure, building, tower and/or pole, and fencing specifying the color(s) and finish proposed for each (colors must be identified by name and by vendor brand or a universal designation)
- Two sets of brochures and/or color chips for each proposed color
- A detailed schedule for completion of the treatment
- Procedures to ensure proper treatment maintenance for the life of the project.

The project Applicant shall not specify to the vendors the treatment of any buildings or structures treated during manufacture, or perform the final treatment on any buildings or structures treated on site, until project applicants receive notification of approval of the Surface Treatment Plan by the appropriate land use jurisdiction agency. Within 30 days following the start of commercial operation, the project applicant shall notify the appropriate land use jurisdiction agency that all buildings and structures are ready for inspection.

BEI has provided a Surface Treatment Plan (below).

Please contact me at (320) 290-8930 or at KimberleyJ@blattnerenergy.com with any questions or concerns.

Regards,

INTRODUCTION

This Construction Surface Light Plan was prepared by Blattner Energy, Inc. (BEI) to define our minimum practices which will be employed on the Ocotillo Wind Express Project to assure our compliance with MM VR-3.

PROJECT DESCRIPTION

The Ocotillo Express Wind Project consists of installing 112 Siemens 2.3 MW wind turbine generators (WTG). The project is located approximately 3 miles north / northwest of Ocotillo, CA in Imperial County. The main construction activities on this project will include the following: building project roads, digging foundations, massive foundation concrete pours, trenching of electrical system, and installation of wind turbine generators. In addition to these temporary construction activities, an electrical substation and Operations and Maintenance (O&M) building will also be constructed. The electrical substation and O&M building will result in permanent structures on the project site.

OCOTILLO EXPRESS SUBSTATION

Provided with this document is the Ocotillo Express Substation General Arrangement Plan and more specifically the Structural Location Plan detailing the location within the yard and descriptions as to the type of structure. In general these structures can be itemized into two categories – Structural Steel and the Control Building.

All structural steel shall comply with the latest revisions of ASTM specifications A-36, A-572, or A-633. While other steels could be used, they must be within similar guidelines of this plan and only with the specific written approval of the Owner and Engineer.

All steel with the exception of the ground pad shall have a galvanized finish. Finish shall be applied by the hot-dip process in accordance with the latest revision of ASTM specifications A-123 and A-143. The galvanization process is taking place off site during the steel manufacturing process for delivery to site already finished.

Also provided with this plan is the proposed color for the Ocotillo Express Substation – Atkinson Tan. This color has been selected so as to minimize the visual intrusion and contrast with the environment of the surrounding area.

At the completion of construction, to be carried out through standard Operation and Maintenance practices, crews will periodically monitor the status of the finish of these items within the Substation implementing touch ups as necessary to make certain that the facilities continue to blend in with the surrounding landscape as detailed in this plan.

SDG&E SWITCHYARD

It is anticipated that the SDG&E Switchyard will follow a similar design as the Ocotillo Express Substation as follows:

Provided with this document are the plan and elevations for the SDG&E 500kV Switchyard. These documents summarize the structures to consist mainly of the following – tie down stands, bus supports, switch stands, a storage shelter, and a control shelter.

It is assumed that the structural steel inside the Switchyard will be following similar standards for a galvanized finish as referenced above in the Ocotillo Express Substation.

The buildings/shelters inside the Switchyard will utilize concrete blocks. An example picture of this type of building has been provided with this plan that depicts the tan color “La Paz”. The intent of this color is also similar to the Substation Control Building color in that it blends in well with the surrounding area.