

From: Peter.Lennon@sce.com [<mailto:Peter.Lennon@sce.com>]
Sent: Thursday, September 01, 2011 7:11 AM
To: Ophir Orr
Cc: Ilary.Archilla@sce.com
Subject: Re: Bright Source Rio Mesa (CRS) - Electrical Service Inquiry

Ophir,

In response to inquires from BSE regarding planned Rio Mesa project to connect into SCE's Colorado River Substation (CRS), SCE can offer the following responses at this time:

1) CRS

- CRS layout information is still preliminary. Initial design is just getting started based on the most probable location. (See CPUC proceedings for latest issues regarding site selection.)
- At this point, the only reference that can be provided, is based on today's preliminary design. While provision for change should be anticipated, I would suggest for a starting point BSE anticipates 220 kV interconnection customers entering CRS from the north, crossing the currently planned northern CRS boundary created by a line between $33^{\circ}35'01.261''\text{N}$ - $114^{\circ}48'52.807''\text{W}$ and $33^{\circ}35'01.237''\text{N}$ - $114^{\circ}49'10.890''\text{W}$
- SCE's currently drafted plan, is that re-routed existing and all new 500 kV lines entering into CRS will be from the south, crossing the southern boundary line formed by $33^{\circ}34'39.499''\text{N}$ - $114^{\circ}48'52.766''\text{W}$ and $33^{\circ}34'39.474''\text{N}$ - $114^{\circ}49'10.847''\text{W}$
- No coordinates for any tie points or dead end structures are available at this time.
- No specific interconnection customer is allocated a specific space/bay until completion of the interconnection application process and then may be subject to change pending specific terms of the LGIA.
- The last structure outside of CRS will be customer responsibility and heavily dependent on approaches of other customers coming into CRS.
- SCE will encourage customers to coordinate with each other on their approach, however SCE may have limited ability to control or influence alignments and approaches outside of CRS or SCE ROW's as long as customer planned lines meet SCE needs/standards/requirements (angle, height, tension etc.) once crossing into CRS or SCE's ROW.
- Single vs. double entry into CRS - This is a interconnection application issue and must be addressed through your interconnection application (LGIA) process and/or the associated scoping meeting etc. when it occurs. (There is a strong demand for interconnection capacity/positions at CRS. I would suggest you are firm and clarify you request early in the process.).

2) DPV1 - DPV2 ROW Diversion & Crossing

- Jerrel Allen from SCE's Transmission Commercial Management group is leading this effort.
- Mr. Allen is attempting to identify resources and collect information to address BSE's questions and will coordinate a discussion when possible.
- **** Please see note below

3) WAPA 161 kV Interconnection - SCE Retail Service

- SCE's FERC regulatory group and others are still taking this request under consideration.
- There are significant cost, process, policy and regulatory issues to be evaluated

- This option may require a Method Of Service (MOS) Study (fee for service work) in order to define scope and costs before any firm answers can be determined. SCE is attempting to clear the preliminary regulatory and policy issues first.
- ****Please see note below regarding timing.

4) DPV ROW Data

- More information to follow at a later date

5) Distribution Service

- At this time, we do not foresee any upgrades on the existing 33kV line between the SCE substation and the corner of Neighbors and 28th. We are beginning the process of updating our forecast, so this could possibly change depending upon the loads we have seen this summer.
- As discussed, SCE can only provide this data based on current system conditions and current "in execution" load growth/replacement projects. As such all of these response are based on 2012 request for service date.
- Based on 9 MVA peak load
- Geographical reference - Attached you will find a document with instructions for requesting SCE's local FIM (Facility Inventory Map). From the FIMs you should be able to get geographical reference to SCE distribution facilities.

****NOTE: Several of these requests/issues are complex and it could be a significant time before SCE can provide any firm response or potential commitment. If these issues are critical to BSE's current development work (DEIS, permitting etc.) , it would be SCE's suggestion to pursue other high probability options in parallel.

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