

LEAPS Data Needed for Visual Resource Analysis and Computerized Visual Simulations

Lee Anderson

August 13, 2007

Updated August 30, 2007

Please provide the following information and drawings. If AutoCAD “.dwg” or “.dxf” files are available for any or all of these drawings, please provide data in that format, as it will save time in constructing three-dimensional models of these facilities. If any of these facilities-data are available as a 3D wireframe drawing, please submit those drawings as well, for clarity.

1. typical 500-kV lattice steel structure – we will use Devers-SCE structure design
2. typical 500-kV tubular steel pole – we will use Devers-SCE structure design
3. ~~typical 69 kV wood pole - **not needed from Nevada Hydro**~~
4. ~~typical 69 kV tubular steel pole - **not needed from Nevada Hydro**~~
5. entire layout of the proposed Lake Substation and staging areas near Indian Truck Trail Exit, including description of perimeter fencing and gate(s)
6. entire layout of proposed Santa Rosa Powerhouse, proposed Midpoint construction staging area, and proposed Midpoint Substation, including description of perimeter fencing and gate(s)
7. entire layout of proposed mitigation area between Grand Avenue and proposed Powerhouse (municipal park? botanical area? other?)
8. entire layout of North Transition Station on South Main Divide Road, including grading plans and description of perimeter fencing and gate(s) **Upon approval of Nevada Hydro, we will use our existing 3D model**
9. grading plan of proposed Decker Canyon Reservoir and FS-required screening berm around reservoir
10. grading plan and/or perimeter boundaries of reservoir and transition-station laydown areas along South Main Divide Road
11. all above ground facilities in or near proposed Decker Canyon Reservoir, including penstocks and all underwater facilities that may show during draw-down periods
12. entire layout of North Transition Station on South Main Divide Road, including grading plans and description of perimeter fencing and gate(s) **Upon approval of Nevada Hydro, we will use our existing 3D model**
13. exact alignment, grading plans and clearing limits of underground 500-kV transmission line
14. ~~alignment and pole layout of 69 kV line from Pala Substation to existing 230 kV transmission line, to show the removal and relocation of existing wood poles that tie into the 230 line from Pala Substation - **not needed from Nevada Hydro**~~
15. ~~layout of 69 kV and 230 kV lines at crossing over West Lilac Road (between Pala and Lilac Substations), i.e., is 69 kV line east or west of existing 230 kV line, and how far apart will they be? - **not needed from Nevada Hydro**~~