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To: Dan Breedon

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Subj: Access for research applicable to the general plan update

Background: Government and volunteer organizations and individuals need to be aware of the tools that are available at Chico State.

1. Now that the periodical section of the Chico State library has been virtually abandoned with only a few new hard copies of journals in the stacks, 6 public terminals have been provided on the second floor to allow free access to a wide range of online journals/conferences that are identical to those available to students and staff. The only restriction is that a permanent account cannot be setup for an extended study. Optical discs can be burned and a limited amount of printout is allowed. A reference librarian is at hand to help in literature search. Virtually all .gov documents are available. .net documents are generally not available. In this later case the Butte County library can allow access to county documents like the general plan update for individuals in rural areas of Butte County who do not have wide band service. In my case, virtually all of the IEEE journals and conference proceedings I found available. In my case I pay about \$128 a year for journals of special interest and I would have to pay an additional \$32 a month to obtain all of the IEEE online material available at Chico State.
2. Volunteers who qualify as "ElderCollege" students under their extension program can attend classes, obtain a library card and parking privileges. (See <http://rce.csuchico.edu/eld> or rcde@csuchico.edu or 89804020). I plan to sit in on Karen Hoover's class on hydro geology (GEOS380) starting Aug 24 at 10 AM in Phy Sci 109. Attendance is subject to the instructor's approval and availability of seating.
3. Reference section handbooks provide a wealth of information. I have found D Fink's standard handbook for electrical engineers 13th edition to be very helpful. Section 14 describes transmission line corridor constraints such as ozone and acoustic noise from corona that can be used to establish interim specifications for transmission line corridor width. I could not find Dorf's electrical engineering handbook that I had previously referenced. Dorf is from U.C. Davis, so this is a likely source for common practice in California. I feel at home with the electronic and communication engineering handbooks published by CRC and IEEE that are available at Chico State if questions arise in these areas.