Class Exercise or "homework 11"
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As discussed in the previous lectures, we have one last collaborative class exercise which will count as a participation activity. Due date is Friday of Week 14, but a grace period is allowed until noon on Thurs Apr 28th.

Unlike other homeworks, the solution can be freely-shared and discussed and collaborated on via our e-mail discussion forum. Submittal is by project teams. Case 1 simulation has been built for you, but you should take a look at parameters and modify them for the voltage level and MVAR size of the cap bank of your choosing.

Your team can choose one of the cases. Document the problem and the simulation, and provide a discussion to explanation what is happening and why in the context of the concepts and theories involved.

Case 1a - Cap bank deenergization, with grounded neutral.
Case 1b - Cap bank deenergization, with ungrounded neutral.

Case 2 - Statistical Switching - Synchronized closing (energization) of cap bank.

Case 3 - Reactor Deenergization, pp.10-15 of Reactor Switching Handout.