DATA REQUEST #3 FROM FRONTLINES TO SCE

QUESTION 1:
Figure 3.1 of SCE's PEA for the Alberhill project depicts a "500 kV Switchrack" and a separate "FUTURE 500 kV Switchrack". Page 3-2 of this PEA states:

> "The 500 kV switchrack would consist of six positions with two operating buses and arranged in a breaker-and-a-half configuration. Initially, four positions would be installed. Four positions would be equipped for two 500 kV line positions and two transformer bank positions."

a) Are all of the "six positions" referred to on page 3-2 are located on the "500 kV switchrack"? If not, where are all of the "six positions" located?
b) How many total positions will be provided by the "500 kV Switchrack"?
c) How many total positions will be provided by the "FUTURE 500 kV Switchrack"?

QUESTION 2:
Is it correct that the proposed Alberhill project requires only two 500 kV line positions and an additional capacitor position to accommodate the Valley-Serrano line loop-in? If not, how is this incorrect?

QUESTION 3:
What specifically is the purpose of the 2-3 extra 500 kV line positions that will be provided by the proposed Alberhill project?

QUESTION 4:
Does SCE anticipate that the proposed Alberhill project is adequate to serve current and long-term projected electrical demand requirements and maintain electrical reliability through 2018 without any additional transmission lines connected to it? If not, why not?

QUESTION 5
PERTAINS TO THE TRANSMISSION UPGRADES DESCRIBED BY THE CAISO AS BEING A "POLICY DRIVEN" NEED IN THE 2011 DRAFT TRANSMISSION PLAN

a) Has SCE studied the "Coachella––Ramon 230kV line, the Ramon––Mirage 230kV line, the Coachella––Mirage 230kV line, and the Devers––Mirage 230kV No.1 and

No.2 lines" reconductoring project described on page 309 of the CAISO's draft 2011 plan?

b) Does SCE concur with CAISO's conclusions regarding the need for this entire reconductoring project? If not, why not?

c) When does SCE anticipate this reconductoring could be complete?

d) If completed, what does SCE anticipate the new transmission capacity will be for the Mirage-Devers #1 line (in MW) assuming all lines in service?

e) If completed, what does SCE anticipate the new transmission capacity will be for the Mirage-Devers #2 line (in MW) assuming all lines in service?

f) If completed, what does SCE anticipate the new transmission capacity will be for the Mirage-Coachella Valley line (in MW) assuming all lines in service?

g) If completed, what does SCE anticipate the new transmission capacity will be for the Coachella-Ramon line (in MW) assuming all lines in service?

h) If completed, what does SCE anticipate the new transmission capacity will be for the Ramon-Mirage line (in MW) assuming all lines in service?