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ATTACHMENT A

to

World Business Academy's Notice of Ex Parte Communications
Dated May 23, 2016

To review:

SCE (2016): Santa Barbara area requires **250MW** at peak.

In the event of a landslide, wildfire (as occurred just last week¹) or other disruption of the 220kv transmission line:



¹ See KEYT, "[Brush Fire Burning Underneath Power Lines Near Ventura](#)," May 12, 2016.

- SCE says they currently can operate the backup transmission line (66kv) during peak periods at an emergency level, providing **100MW** of power.
- Rented mobile diesel generators can provide **50MW**, but SCE intends to remove them after the El Nino rain season despite threats from high winds and/or wildfires.
- Refurbished Ellwood peaker -- which cannot be operated as baseload power -- provides **56MW**.

Even with mobile generators, the area will receive only 206MW, leaving us with a shortage of at least 44MW!

Based on newly obtained information from SCE's website:

The Ellwood Refurbishment is also not needed, because there is a much better alternative:

- A 99.5 MW battery storage project has been proposed to interconnect at the El Capitan substation, just a few miles west of the Goleta substation, where the existing 220 kV transmission line interconnects to the local distribution system.
- This project -- WDT 1187 -- is described in SCE's WDAT and Rule 21 Interconnection Queue, updated as of March 1, 2016.
- This state-of-the art project can be on-line by November 1, 2019, thereby entirely obviating the need to refurbish Ellwood.
 - See: SCE's Queue Cluster 7 Phase II report, dated November 24, 2015.

