**RESUME**

**Kjell A. Ostensen, P.E.**

### Engineering Experience

**Los Angeles Department of Water and Power (1985 – 2016 Retirement):**

**Planning and Development Section (current):** Development and Power Purchase Agreements, Geothermal, Biomass and Small-hydro Projects

**Distributed Generation Program –** Manager of Fuel Cell Program.

**Energy Control Center** - Performed day-ahead wholesale power marketing and analysis for long-term power contracts. Representative with WSCC Loads and Resources Subcommittee

**Santa Clara 2-MW Fuel Cell Demonstration Project, Resident Engineer –** Represented project participants at engineering firm Fluor Daniel and participated in the development of solid state based dc to ac power inverter and the plant’s electrical auxiliary systems.

**Harbor Repowering Project -** Provided the engineering design, procurement and construction support for plant electrical systems, including the 125Vdc, 250Vdc, and the 480Vac systems.

**Hydro Generating Stations -** Provided engineering design and managed construction for plant additions and generator upgrades, including electrical distribution, communications, control, monitoring, and security systems.

**IPP Converter Stations -** Performed operations and safety studies of high-voltage electrical systems and administered construction contracts for the station’s auxiliary systems.

**Aker Group of Norway (1977 - 1980):**

**Mechanical Field Engineer**, **Ekofisk Oilfield -** Engaged in oil-field developments in the North Sea. Duties included providing engineering support for construction, and administering system tests and start-up tasks.

**Mechanical** **Design Engineer**, **Trondheim Yard -** Designer for offshore projects, including piping modules and supply ship’s modifications.

# Education, Licenses

**MSEE, Electrical Engineering** - University of Southern California

**BSEE, Electrical Engineering -** University of Southern California

**Mechanical Engineer Graduate -** Trondheim Technical College, Norway

**UCLA Extension -** Relational Database Management & Application Development with Power Builder

**Registered Electrical Engineer -** E 12814, California

**Licensed Private Pilot**

# Foreign Languages – **Norwegian & German**

#### **Other Experiences**

##### Norwegian Military Service – Army and Air Force

**Norwegian Merchant Marine**