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## **Economic and Environmentally Friendly Production of New Source of Water**

Lack of adequate clean water for drinking and agriculture is one of the most important challenges facing the world today. This growing crisis is fueled by drought, pollution and population growth. Effluent Free Desalination Corp (EFD) has the patented solution to the problem.

From an energy perspective, too much of California's limited energy and water resources are put toward an energy intensive and obsolete water transfer system, EFD desalination technology can conserve these resources by providing a new and fresh source of water locally through new desalination technology. The electrical energy savings from not having to transfer water from Northern to Southern California will be immense and greatly diminish the load on California's over-burdened electrical grid system.

In addition, EFD technology offers the solution to many environmental challenges associated with current desalination technology. While there is plenty of water, most of it is salty seawater. Even in inland areas, the water is often unusable due to salt or pollution. The main technology used today for desalination, known as Reverse Osmosis (RO), produces the unfortunate by-product of toxic concentrated brine. In coastal areas, where existing desalination facilities are dumping concentrated brine back in the ocean, there are major public and regulatory objections to the RO technology. In inland areas, there is no environmentally acceptable way to dispose of the toxic brine.

EFD has a unique patented solution which produces no brine and eliminates major environmental objections. EFD's technology is the combination of two well-known and well-understood technologies. It produces distilled water and dry salt. The process is effective for both high volume production of fresh water and for the cleansing of dirty water from agricultural runoff and industrial waste.

It can even eliminate the toxic concentrated brine from existing desalination plants. The ability to sell both water and the salt makes EFD's technology much more profitable than other desalination methods.

The combination of the worldwide need for clean water and EFD's patented technology creates an enormous opportunity to make a difference in the world environmentally.

The Company will manufacture mobile machines with capacities of 30,000 to 300,000 gallons per day and will license its technology to large contractors to build fixed site and utility scale plants around the world.

EFD's patent was issued in 2013 US 8496787 B2. A worldwide patent was filed in December 2014.