

BlueFire Ethanol, Inc.

Corporate HQ: Irvine, California

Proposed Facility Location: Mecca, California

Description: The project will construct and operate a facility that will convert green waste and lignocellulosic fractions diverted from landfills or Southern California Materials Recovery Facilities to ethanol and other products.

CEO or Equivalent: Arnold Klann, CEO

Participants: Burrtec Waste Industries, JGC Corporation, Brinderson, Roelsien, MECS Inc. NAES, PetroDiamond

Production: 19 million gallons of ethanol per year

Technology and Feedstocks: 700 (bone dry) metric tonnes per day of biomass comprised of sorted green waste and woody waste from landfills.

BlueFire’s concentrated acid hydrolysis technology followed by fermentation to ethanol and other products. BlueFire’s Mecca facility will be co-located with the Colmac 47 MW biomass fed power plant.

BlueFire Ethanol is also building a 3.7 MM gallon/year facility in Lancaster, California with private equity that will aid in the final design of the Mecca ethanol facility

State of Readiness: Currently in Phase I completing engineering design, NEPA, and siting logistics
Estimated Construction Start: End of CY 2010
Estimated Start-Up: Middle of FY 2012

Link to Recipient: <http://www.bluefireethanol.com>