

ATTACHMENT 1
CALPINE ENERGY SOLUTIONS, LLC

Name, Title and Business Address of all Officers and Directors, Partners, or similar Officials.

Name	Title	Address	Phone Number
James Wood	President and Chief Executive Officer	401 West A Street, Suite 500 San Diego, CA 92101	619-684-8001
W. Thaddeus Miller	Corporate Secretary	717 Texas Avenue, Suite 1000 Houston, TX 77002	713-570-4710
Zamir Rauf	Chief Financial Officer	717 Texas Avenue, Suite 1000 Houston, TX 77002	713-830-8698
Wade Garney Griggs, III	Vice President	717 Texas Avenue, Suite 1000 Houston, TX 77002	713-315-9373
Stacey Peterson	Vice President	717 Texas Avenue, Suite 1000 Houston, TX 77002	713-570-4618
Caleb Stephenson	Vice President	717 Texas Avenue, Suite 1000 Houston, TX 77002	713-570-3547
Andrew Novotny	Vice President	717 Texas Avenue, Suite 1000 Houston, TX 77002	713-570-4605
Kaiser Malik	Vice President and Assistant Secretary	717 Texas Avenue, Suite 1000 Houston, TX 77002	713-570-4854
Doug Johnson	Vice President, Regional Pricing Supply, West Desk	401 West A Street, Suite 500 San Diego, CA 92101	619-684-8007
Robert Mark Ruggles	Vice President, Regional Pricing Supply, ERCOT Desk	401 West A Street, Suite 500 San Diego, CA 92101	713-361-7779
Sean G. Fallmer	Vice President, Regional Pricing Supply, East/MW Desk	401 West A Street, Suite 500 San Diego, CA 92101	619-684-8014
Drake A. Welch	Vice President, Customer Care	401 West A Street, Suite 500 San Diego, CA 92101	619-684-8039
Gayle A. McCutchen	Vice President, Commodity Sales	401 West A Street, Suite 500 San Diego, CA 92101	619-684-8003
Jeff Koshkin	Vice President	717 Texas Avenue, Suite 1000 Houston, TX 77002	832-325-1591
Peter Yuen, General Counsel	Vice President	717 Texas Avenue, Suite 1000 Houston, TX 77002	832-325-1591
Jeffrey A. Huber	Vice President & Controller	401 West A Street, Suite 500 San Diego, CA 92101	619-684-8260