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SUMMARY

Dr. House is founder and owner of Water and Energy Consulting, a boutique consulting service that provides unparalleled support to clients in the energy and water sectors. He has a Bachelors, two Masters, and a Ph.D. in Engineering and Economics from U.C. Davis. He is a Certified Energy Manager (CEM) and a Certified Sustainable Development Professional (CSDP) with the Association of Energy Engineers. He taught engineering in Graduate School at U.C. Davis for a number of years, is the founder and Co-Director of Hydropower group for the U.C. Davis Energy Institute and is the hydro renewable energy consultant for the Energy Trust of Oregon. He worked for the California Energy Commission for five years as a utility planner, and he was the chief utility planner for the California Public Utilities Commission for five years. He is the California Rural Water Association (CRWA) energy specialist, representing over 1,100 rural water and wastewater systems and is the energy and efficiency trainer for the National Rural Water Association and the Rural Water Association of Arizona and was the Association of California Water Agencies (ACWA) energy consultant for 25 years. Dr. House has over 30 years' experience before the California Public Utilities Commission, over 35 years before the California Energy Commission, and has testified numerous times at the California Power Authority, California Independent System Operator, California State Legislature, State Water Resources Control Board, the Federal Energy Regulatory Commission, and the U.S. Senate, as well as in numerous court cases. Dr. House also works for the California Public Utilities Commission as an expert witness on transmission issues and is their water-energy expert, and for the California Energy Commission as a researcher. He is an investment management expert consultant in the water, energy and environmental areas for: Gerson Lehman Group-GLG Scholar Program, eWork Markets, Price Waterhouse-Vantage Marketplace, Roundtable Group, Standard & Poor's-Society of Industrial Leaders, Coleman Research, Guidepoint Advisors, Expert Connect, Maven, ORC Expert Network, and DeMatteo Monness.

He has been involved in the assessing, evaluating, and recommending energy efficiency, demand response opportunities, rate design, and renewable energy projects for water agencies, electric utilities, and private parties over the last 20 years, has been involved in numerous utility regulatory cases, and has provided strategic planning for numerous private clients. He provides expert witness services for the energy and water sectors in the areas of utility billing and rate design, utility operations, project evaluation

REPRESENTATIVE UTILITY CLIENTS

Florida Power and Light - Evaluation of Purchase of Hydroelectric Assets
Modesto Irrigation District - Value and Allocation of Stranded Costs
Imperial Irrigation District - Deregulation Planning, Evaluation of Contract Options
Eastside Power Association - Transmission Addition Evaluations, Negotiations
American Electric Power - Analysis of Dynamic Operating Costs
Central and South West Services - Integrated Resource Planning
Pacific Gas and Electric - Compressed Air Energy Storage Evaluation, Wind Generation
Impacts on Utility Operation, Water System Leak
Detection
San Diego Gas and Electric - Compliance with Air Pollution Emission Requirements
Pacific Gas and Electric, Southern California Edison, San Diego Gas and Electric –
Demand Response and Energy Efficiency Assessment of Water Agencies
Northern California Power Agency - Integrated DSM/Supply-side Bid; Evaluation of
DSM Programs
Cajun Electric Cooperative - Strategic Planning
Central Louisiana Electric - Operation of a Jointly Owned Generation Facility

REPRESENTATIVE REGULATORY CLIENTS

Attorney General: State of California – Energy Expert in Antitrust Cases Against
Generators
California Public Utilities Commission - Evaluation of Utility Generation Options, expert
witness on transmission, water-energy expert
California Energy Commission - researcher on water-energy

REPRESENTATIVE PRIVATE CLIENTS

Small Hydroelectric Development, Interconnection and Regulatory Representation:
Jal Hydro, Greenbug Energy, NLine Energy, Bishop-Tungsten, Calleguas MWD, Three
Valleys MWD, Yolo County WCD, El Dorado Irrigation District, North Yuba Water
Agency
National Rural Water Association - Energy and Efficiency trainer
Rural Water Association of Arizona – Energy and Efficiency trainer
California Rural Water Association – Energy Specialist, Regulatory Representation
Regional Council of Rural Counties - Energy Advisor, Regulatory Representation
Association of California Water Agencies (ACWA) - Energy Adviser, Regulatory
Representation, Advisor to the ACWA Utility Service Agency
Energy Storage Partners - Regulatory Representative, Power Marketing
Friant Power Authority - Utility Negotiations, Due Diligence
Expert Witness: Mitchell, Dedekam & Angell,
Law Offices of Daniel F. Gallery,
Bartkiewicz, Kronick & Shanahan,

Law Offices of Beatrice Snider,
Best, Best & Krieger,
Aleshire & Wynder,
Farella, Braun + Martel LLP,
Sara Steck Myers.

AWARDS/RECOGNITION

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PUBLICATIONS/ARTICLES

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“*Community Choice Aggregators and Wildfires – Stressors for California Utilities*”, Seeking Alpha, May 8, 2019, <https://seekingalpha.com/article/4261633-community-choice-aggregators-wildfires-stressors-california-utilities>

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EXPERT TESTIMONY

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This resume is a true and accurate document:

A black and white photograph of a handwritten signature in cursive script, which appears to read "Lon W. House". The signature is written on a light-colored surface and is centered horizontally within the image.

