



6929 Sunrise Blvd, Suite #101  
Citrus Heights, CA 95610  
(916) 722-1484  
www.plexossolutions.com

## Eric Toolson, CEO

---

<b>Summary</b>	<p>Mr. Toolson has 30 years experience in the electric energy industry working for both private and public utilities and consulting companies in the areas of power system planning and simulation software.</p> <p>Mr. Toolson is currently the Chief Executive Office for PLEXOS Solutions and is responsible for all the daily activities for PLEXOS Solutions.</p> <p>In 2003, Mr. Toolson founded Pinnacle Energy, LLC, a small consulting firm focusing on transmission and resource evaluations. He directed the implementation of the California ISO's newly-developed "Transmission Evaluation Assessment Methodology" and associated testimony and report to the CPUC.</p> <p>As a Senior Vice President for Henwood Energy, Mr. Toolson directed numerous analyses involving price forecasting, competitive market assessment, emission studies, and generating asset and portfolio evaluations employing deterministic and stochastic techniques. He also led Henwood's Client Services Division, which supports over 120 users of simulation and market analysis products worldwide, and supervised Henwood's Software Sales and Marketing departments. Mr. Toolson also served on the Board of Directors for Henwood Energy.</p> <p>Formerly the Manager of System Planning for SMUD, Mr. Toolson directed the utility's Integrated Resource Planning efforts and negotiated the principal cost and performance contract terms for 800 MWs of acquired generating resources.</p>
<b>Employment History</b>	
<b>2005 - Present</b>	<p><b>Chief Executive Officer, PLEXOS Solutions LLC</b></p> <p>Directs and manages all PLEXOS Solutions daily activities including: (i) implementation of strategic vision for company; (ii) managing consulting studies; (iii) being directly responsible PLEXOS marketing, sales, and client relations.</p>
<b>2003 - 2005</b>	<p><b>President, Pinnacle Consulting, LLC</b></p>

---

## Eric Toolson, CEO

---

Directed the enhancement and ultimate implementation of an advanced methodology to evaluate the economic benefits of a proposed transmission expansion or upgrade. Methodology requires nodal transmission model capable of incorporating dynamic generator bids which change hourly depending on system conditions.

Documented trading process and evaluated trading software alternatives for the Sacramento Municipal Utility District.

### **1994 - 2003** *Senior Vice President, Henwood Energy Services, Inc.*

Directed development of comprehensive regional databases for each of the ten NERC regions in N. America, as well as the European database. Coupled with a detailed, multi-area chronological production-costing model, the tool is used to provide hourly forecasts of market-clearing energy prices by transmission area for both traditional as well as restructured electric-industry environments.

Developed numerous energy and capacity market forecasts for utilities, independent power producers, and marketers for the WSCC, SERC, ECAR, SPP, and MAIN regions.

Modeled the WSCC, computed regional CO<sub>2</sub> emissions by generating plant, transmission area, and region, and provided expert testimony for various sitting councils regarding the issue of global warming and appropriate mitigation costs.

Determined the economic viability of various configurations and capabilities of demand-side residential thermal energy storage (RTES) resource systems.

### **1991 - 1993** *Manager, Power System Planning, Sacramento Municipal Utility District*

Supervised load forecasting, transmission and generation planning, system integration, involvement in renewable and advanced technologies, and contract and resource evaluations for the utility.

Directed and developed framework for utility's "1992 Integrated Resource Plan" which integrates over a 20-period the load forecast and all resource options including DSM, traditional supply-side (generating plant, transmission and contract alternatives), and advanced and renewable technologies.

---

## Eric Toolson, CEO

---

Directed preparation and analyses for "1993 Demand-Side Resource Plan" which outlines demand-side activities and programs for next 20 years including detailed program budget for 1994.

Supervised and participated in the preparation of 20-year renewable/advanced technology avoided-cost study to assist in the integration of future demand- and supply-side resources.

**1990 - 1991** ***Principal Contracts Specialist, Sacramento Municipal Utilities District***

Developed and negotiated principle cost and performance contract terms for 800 MW of RFP-selected generating resources.

Served as one of three principal negotiators for major new interconnection agreement with PG&E; supported negotiations with PG&E with economic and operational analyses of all potential arrangements.

**1989 - 1990** ***Senior Consultant, Henwood Energy Services, Inc.***

Prepared and delivered testimony to the California Public Utilities Commission regarding long-term resource benefits for the proposed San Diego Gas & Electric Co. /Southern California Edison Co. merger.

**1984 - 1989** ***Supervisor, Generation Planning, Sacramento Municipal Utilities District***

Determined economic and operational feasibility of potential supply-side resources including contracts with other utilities and qualifying facilities, transmission lines and wheeling contracts, and generating options.

**1981 - 1984** ***Senior Resource Planning Engineer, The Washington Water Power Company***

Developed marginal-costing methodology and determined PURPA-defined avoided costs for use in power-purchase agreements.

Conducted economic feasibility studies of potential supply-side resources; evaluated sensitivity of resource costs with respect to changes in inflation, tax laws, cost of capital, fuel, O & M costs, regulatory treatment, and etc.

## Eric Toolson, CEO

---

	Analyzed bids and made recommendation for long-term coal supplier for a four-unit, 2000 MW plant.
<b>1978 - 1980</b>	<b>Senior Engineer, R. W. Beck and Associates</b> Designed control structure for outlet works of large earth-filled dam in Colorado; designed and analyzed reinforced concrete powerhouses.  Conducted thermal studies of concrete arch dams in Alaska using finite-element computer models; prepared bid and construction drawings.
<b>Education</b>	M.B.A., Quantitative Methods, University of Washington, 1981  B.S., <i>Cum Laude</i> , Civil Engineering, Brigham Young University, 1977
<b>Registration/ Certification</b>	Civil Engineer, California License No. C043618  Tau Beta Pi, Engineering Honor Society
<b>Professional and Technical Societies</b>	
<b>Expert Witness</b>	Testimony Before Public Utility Commission of the State of California, Application 05-04-015, Application of Southern California Edison Company for Approval of Proposed Palo Verde Devers Transmission Line, January, 2006, expert witness for CAISO.
<b>Regulatory Representation</b>	Hermiston Power Project Energy Siting Certificate, regarding expected dispatch and air emission production from the Hermiston Power Project (500 MW) combined cycle facility, December 1995.  Rebutted Testimony Before The State Of Washington Energy Facility Site Evaluation Council, Application No. 93-2, CSW Energy, Inc. and KVA Resources, Inc., October, 1995.  Expert witness in April, 1993, in Case No. 201563, CCPA#1 vs. WHR, Inc. et al, Sonoma County Superior Court, regarding the market valuation of geothermal steam, April 1993.  Testimony Before Division of Ratepayer Advocates, California

---

## Eric Toolson, CEO

---

	Public Utilities Commission, Application No. 88-12-035, Proposed Merger of Southern California Edison and San Diego Gas & Electric Company, February, 1990.
--	---

---